

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022720\
 Data File : VD065349.D
 Acq On : 27 Feb 2020 17:21
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/28/2020 9:59:12 AM

Quant Time: Feb 28 01:33:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	465776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	690659	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	634044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	316118	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	208478	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
35) Dibromofluoromethane	7.92	113	221104	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
50) Toluene-d8	10.34	98	845082	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
62) 4-Bromofluorobenzene	12.64	95	273696	53.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	193058	49.418	ug/l	95
3) Chloromethane	2.21	50	223814	45.011	ug/l	96
4) Vinyl Chloride	2.35	62	232263	45.935	ug/l	98
5) Bromomethane	2.77	94	142390	46.576	ug/l	97
6) Chloroethane	2.93	64	144740	46.896	ug/l	100
7) Trichlorofluoromethane	3.27	101	348205	48.101	ug/l	95
8) Diethyl Ether	3.71	74	110326	50.489	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	227656	49.799	ug/l	99
10) Methyl Iodide	4.30	142	250811	52.841	ug/l	99
11) Tert butyl alcohol	5.24	59	64664	258.255	ug/l	96
12) 1,1-Dichloroethene	4.06	96	210230	48.682	ug/l	99
13) Acrolein	3.93	56	69202	222.400	ug/l	99
14) Allyl chloride	4.71	41	348012	49.626	ug/l	98
15) Acrylonitrile	5.43	53	246323	254.615	ug/l	99
16) Acetone	4.17	43	211477	206.464	ug/l	99
17) Carbon Disulfide	4.40	76	674934	46.618	ug/l	99
18) Methyl Acetate	4.72	43	114360	49.642	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	467980	51.966	ug/l	100
20) Methylene Chloride	4.97	84	239807	52.854	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	245997	50.109	ug/l	95
22) Diisopropyl ether	6.37	45	698031	51.633	ug/l	99
23) Vinyl Acetate	6.31	43	1974200	264.888	ug/l	99
24) 1,1-Dichloroethane	6.27	63	414346	49.413	ug/l	99
25) 2-Butanone	7.22	43	310148	239.323	ug/l	100
26) 2,2-Dichloropropane	7.21	77	351279	48.283	ug/l	99
27) cis-1,2-Dichloroethene	7.22	96	260141	50.026	ug/l	98
28) Bromochloromethane	7.56	49	154321	49.606	ug/l	100
29) Tetrahydrofuran	7.57	42	198069	260.850	ug/l	99
30) Chloroform	7.71	83	420434	49.767	ug/l	97
31) Cyclohexane	7.98	56	382452	46.421	ug/l	99
32) 1,1,1-Trichloroethane	7.91	97	369895	48.937	ug/l	100
36) 1,1-Dichloropropene	8.11	75	337916	50.284	ug/l	99
37) Ethyl Acetate	7.30	43	138384	49.259	ug/l	98
38) Carbon Tetrachloride	8.10	117	339354	49.606	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	405018	51.265	ug/l	99
40) Benzene	8.36	78	948467	50.003	ug/l	99
41) Methacrylonitrile	7.54	41	89424m	55.129	ug/l	
42) 1,2-Dichloroethane	8.43	62	251225	48.177	ug/l	99
43) Isopropyl Acetate	8.46	43	259065	50.711	ug/l	99
44) Trichloroethene	9.11	130	265555	50.506	ug/l	98
45) 1,2-Dichloropropane	9.39	63	238996	50.671	ug/l	99
46) Dibromomethane	9.48	93	124761	51.410	ug/l	99
47) Bromodichloromethane	9.67	83	322712	50.460	ug/l	99
48) Methyl methacrylate	9.46	41	120589	51.067	ug/l	97
49) 1,4-Dioxane	9.47	88	28978	1018.107	ug/l	96
51) 4-Methyl-2-Pentanone	10.24	43	676062	260.548	ug/l	99
52) Toluene	10.41	92	612986	52.209	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	311886	52.612	ug/l	95
54) cis-1,3-Dichloropropene	10.10	75	372608	52.052	ug/l	99
55) 1,1,2-Trichloroethane	10.81	97	173509	50.797	ug/l	96
56) Ethyl methacrylate	10.67	69	213937	54.264	ug/l	99
57) 1,3-Dichloropropane	10.95	76	302762	52.079	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	286805	230.744	ug/l	99
59) 2-Hexanone	10.99	43	469248	252.632	ug/l	97
60) Dibromochloromethane	11.15	129	225025	51.471	ug/l	100
61) 1,2-Dibromoethane	11.25	107	167638	51.835	ug/l	99
64) Tetrachloroethene	10.88	164	222237	49.421	ug/l	97
65) Chlorobenzene	11.68	112	638567	50.187	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	235413	49.580	ug/l	100
67) Ethyl Benzene	11.75	91	1142582	51.273	ug/l	99
68) m/p-Xylenes	11.86	106	876334	102.787	ug/l	99
69) o-Xylene	12.18	106	393068	52.039	ug/l	99
70) Styrene	12.20	104	702180	52.360	ug/l	100
71) Bromoform	12.37	173	134413	51.015	ug/l #	98
73) Isopropylbenzene	12.49	105	1082270	51.713	ug/l	100
74) N-amyl acetate	12.30	43	234471	50.419	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	186967	49.500	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	129168m	48.025	ug/l	
77) Bromobenzene	12.77	156	262960	50.599	ug/l	99
78) n-propylbenzene	12.83	91	1288378	51.227	ug/l	99
79) 2-Chlorotoluene	12.91	91	703577	49.937	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	886117	51.407	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	62012	49.782	ug/l	95
82) 4-Chlorotoluene	13.01	91	746751	49.924	ug/l	99
83) tert-Butylbenzene	13.23	119	767317	53.112	ug/l	97
84) 1,2,4-Trimethylbenzene	13.28	105	880289	51.022	ug/l	99
85) sec-Butylbenzene	13.41	105	1060086	50.923	ug/l	100
86) p-Isopropyltoluene	13.53	119	969903	50.947	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	490331	48.805	ug/l	98
88) 1,4-Dichlorobenzene	13.61	146	483655	48.777	ug/l	99
89) n-Butylbenzene	13.86	91	906686	51.685	ug/l	99
90) Hexachloroethane	14.13	117	193455	50.047	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	426789	49.474	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	27316	46.929	ug/l	91

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93) 1,2,4-Trichlorobenzene	15.18	180	294284	52.153	ug/l	99
94) Hexachlorobutadiene	15.28	225	179116	49.484	ug/l	99
95) Naphthalene	15.42	128	501539	54.674	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	253628	51.465	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

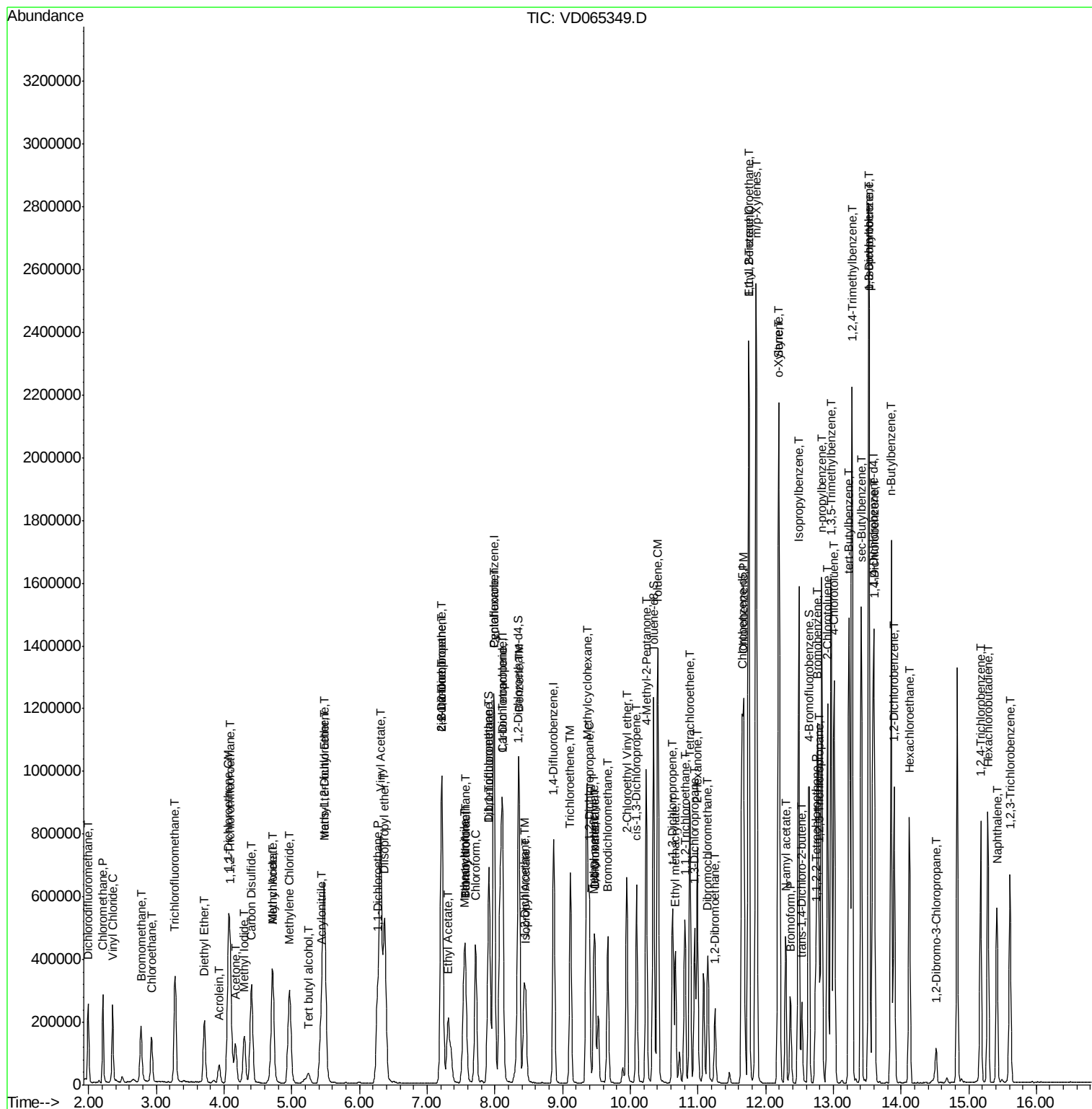
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD022720\
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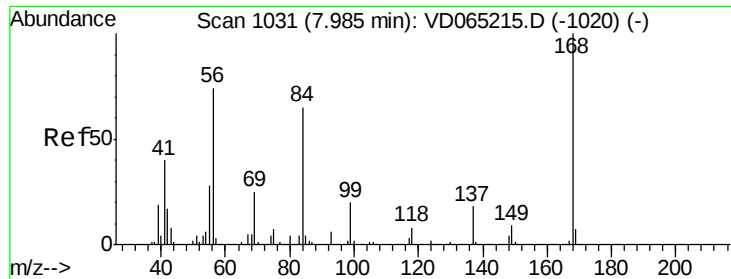
Instrument :
MSVOA_D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065349.D

Acq: 27 Feb 2020 17:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 465776

Ion Ratio Lower Upper

168 100

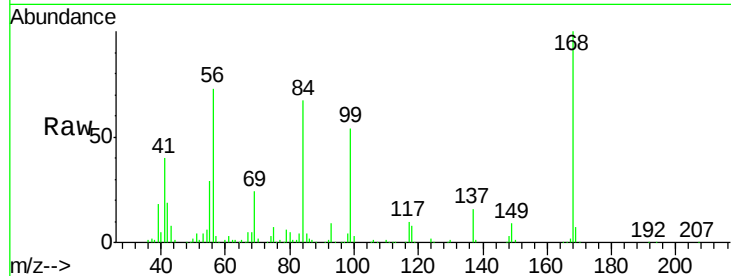
99 53.6 41.4 62.2

Manual Integrations

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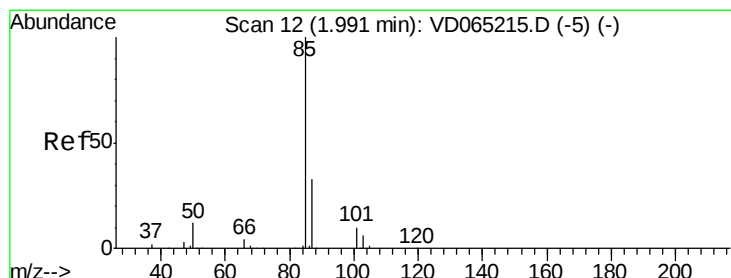
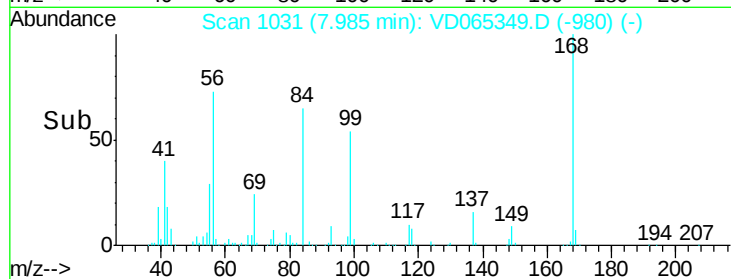
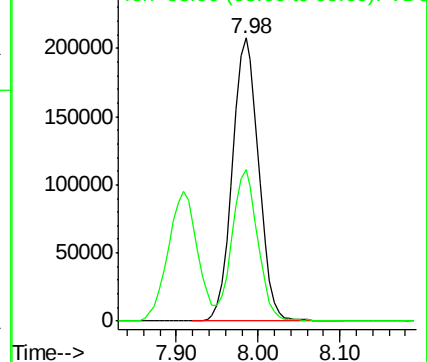
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 49.418 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD065349.D

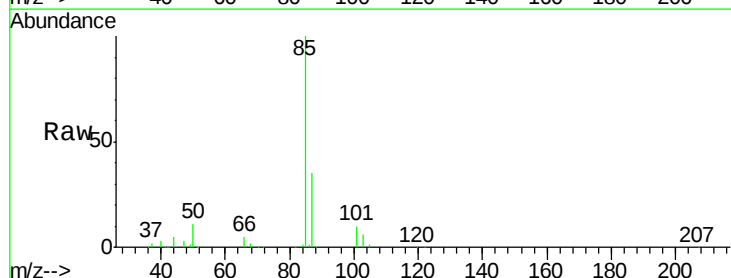
Acq: 27 Feb 2020 17:21

Tgt Ion: 85 Resp: 193058

Ion Ratio Lower Upper

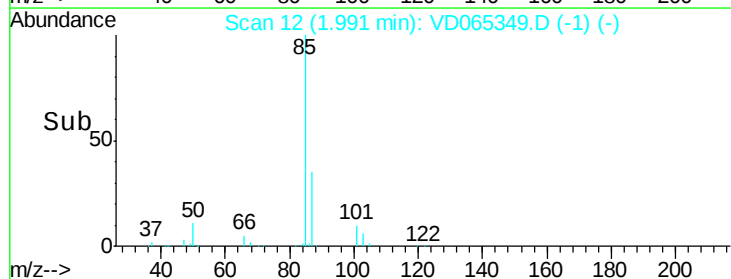
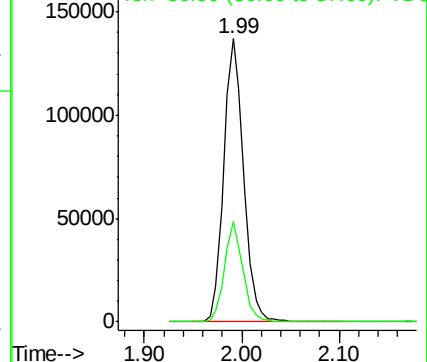
85 100

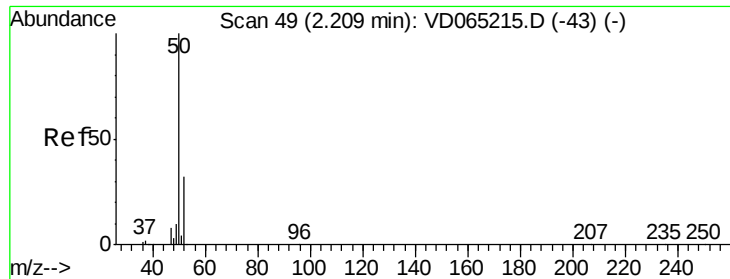
87 35.4 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 45.011 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065349.D

Acq: 27 Feb 2020 17:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 223814

Ion Ratio Lower Upper

50 100

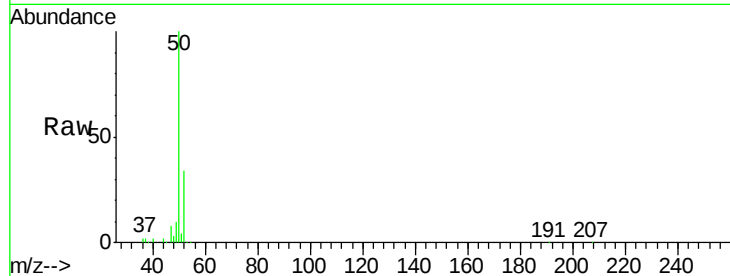
52 34.0 25.5 38.3

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

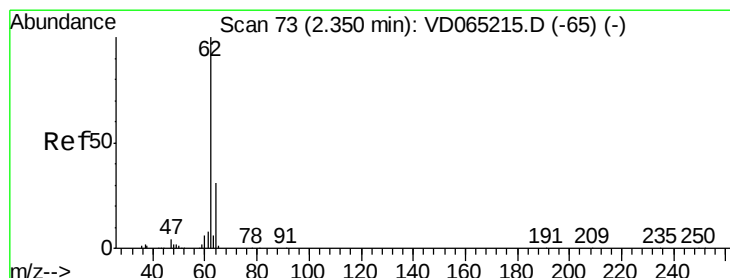
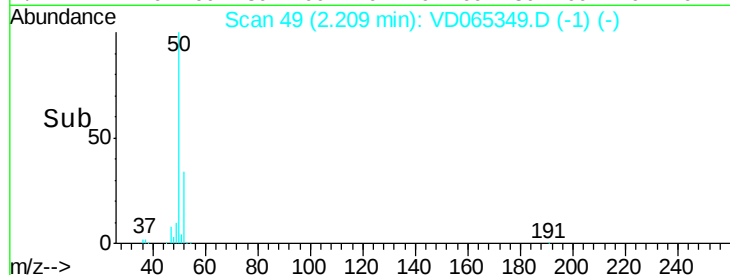
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100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 45.935 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065349.D

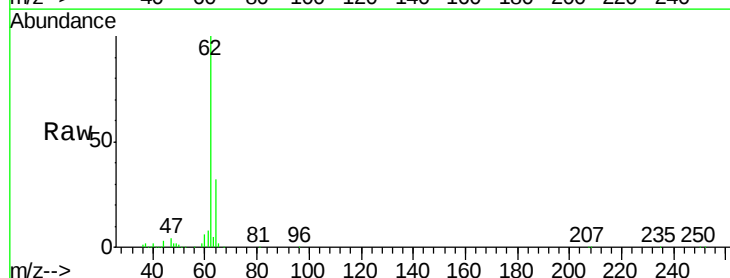
Acq: 27 Feb 2020 17:21

Tgt Ion: 62 Resp: 232263

Ion Ratio Lower Upper

62 100

64 32.5 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

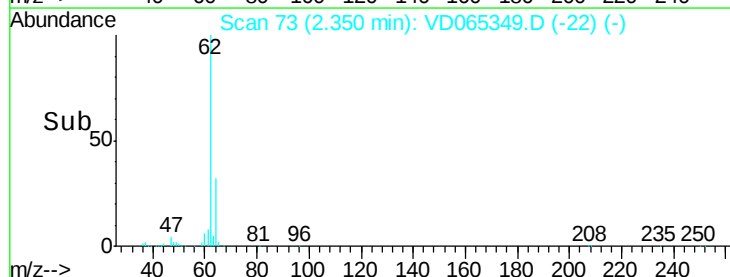
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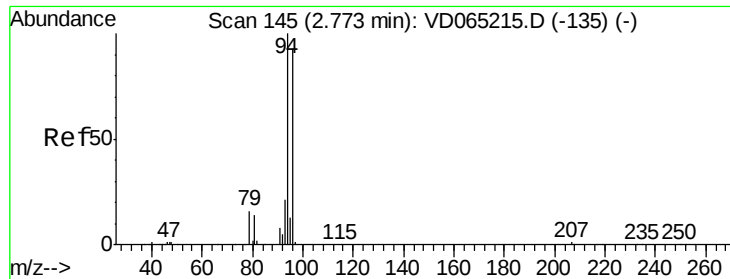
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50000

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Time-->





#5

Bromomethane

Concen: 46.576 ug/l

RT: 2.77 min Scan# 145

Delta R.T. -0.00 min

Lab File: VD065349.D

Acq: 27 Feb 2020 17:21

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 142390

Ion Ratio Lower Upper

94 100

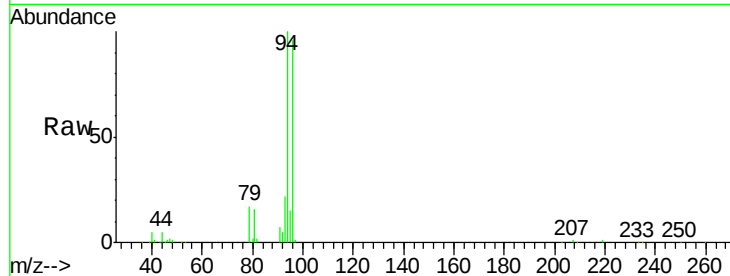
96 96.1 74.2 111.4

Manual Integrations

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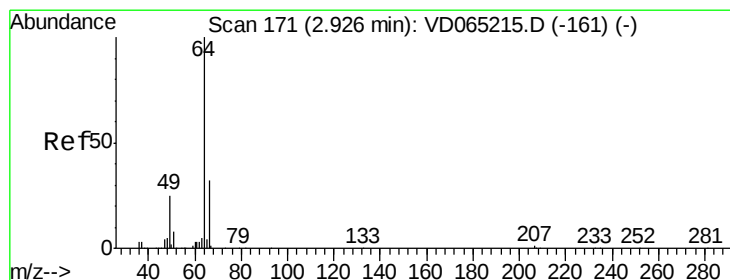
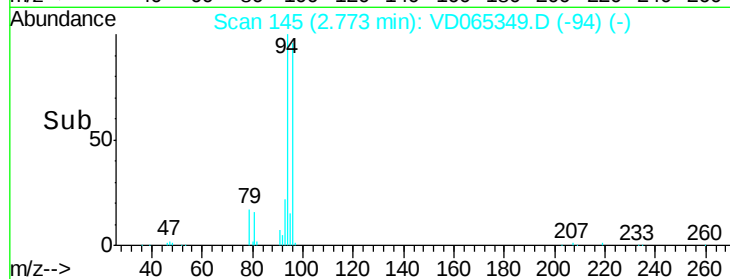
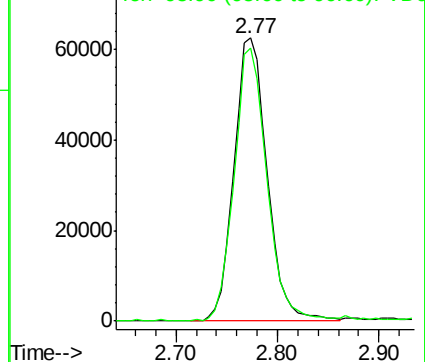
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 46.896 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD065349.D

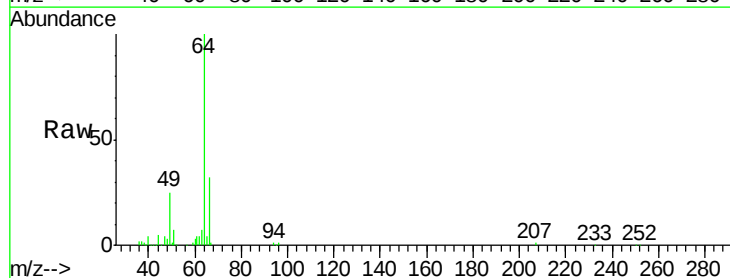
Acq: 27 Feb 2020 17:21

Tgt Ion: 64 Resp: 144740

Ion Ratio Lower Upper

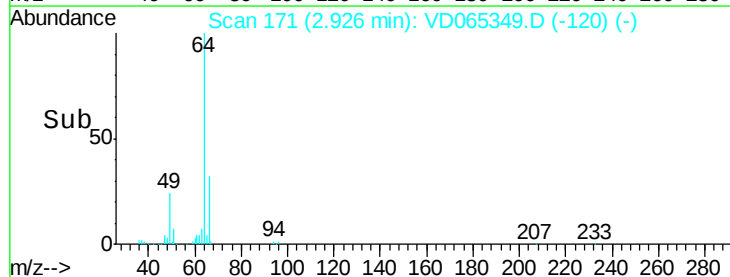
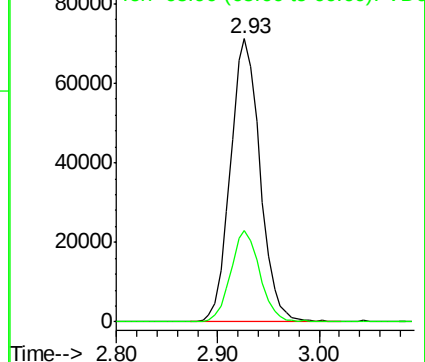
64 100

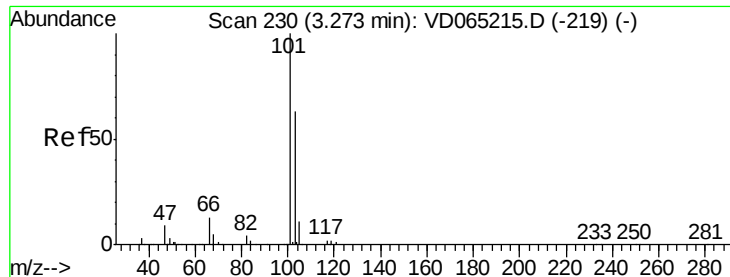
66 32.1 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

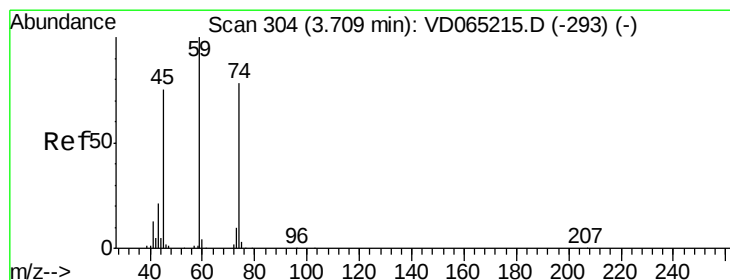
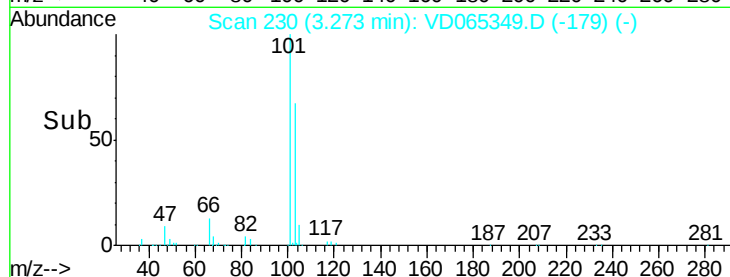
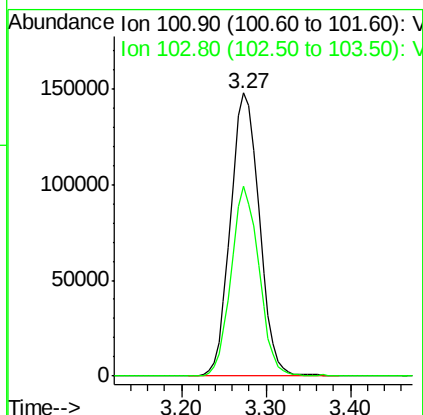
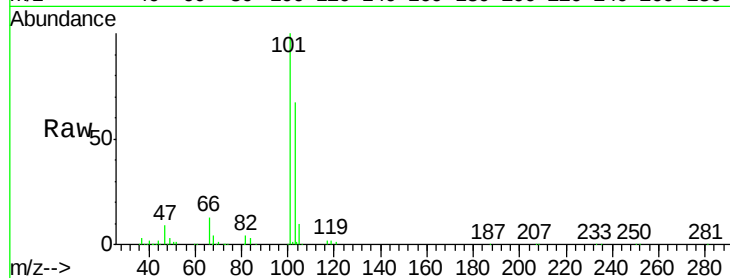
Trichlorofluoromethane
Concen: 48.101 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD065349.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	67.0	50.7	76.1

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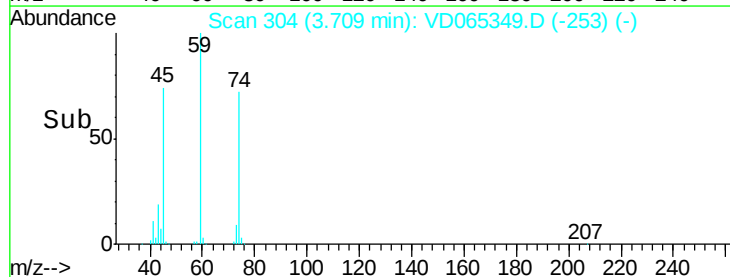
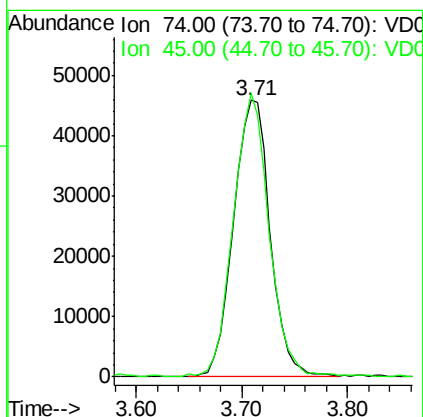
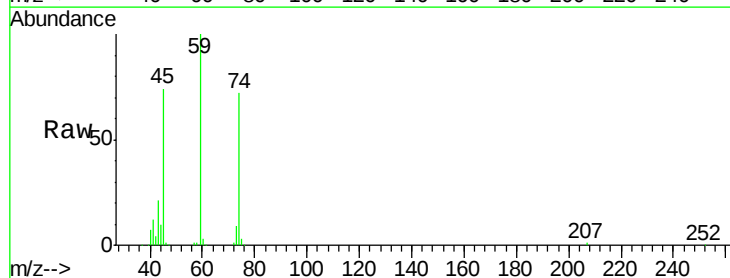
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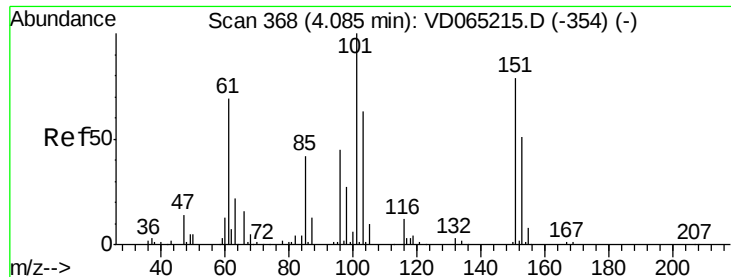


#8

Diethyl Ether
Concen: 50.489 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD065349.D
Acq: 27 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.2	50.0	149.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.799 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.01 min

Lab File: VD065349.D

Acq: 27 Feb 2020 17:21

Instrument :

MSVOA_D

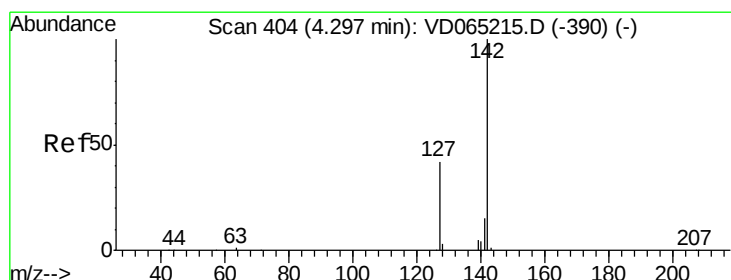
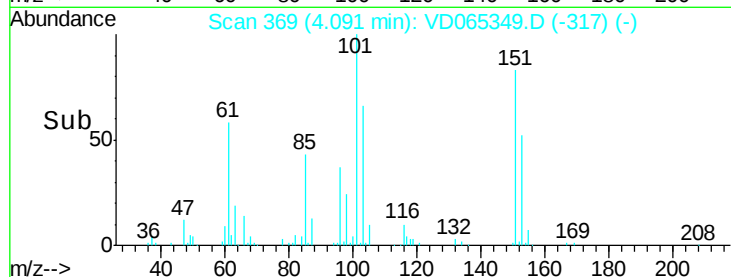
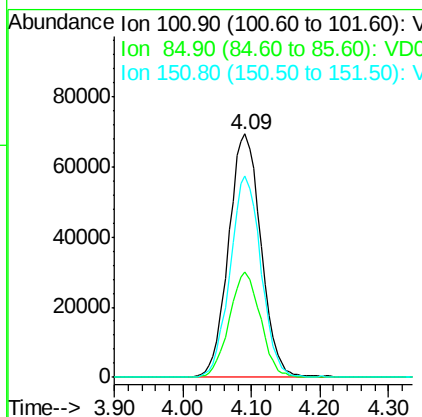
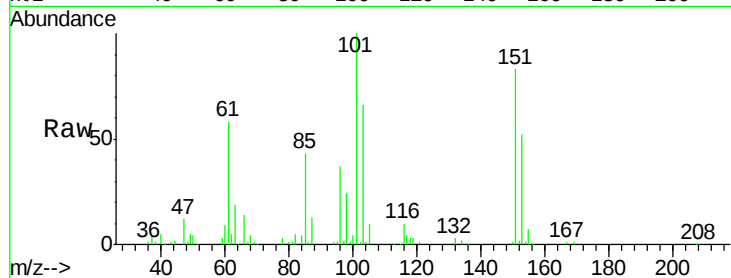
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	227656
Ion Ratio	Lower	Upper	
101	100		
85	41.6	34.2	51.2
151	78.9	63.5	95.3

Manual Integrations
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2/28/2020 9:59:12 AM



#10

Methyl Iodide

Concen: 52.841 ug/l

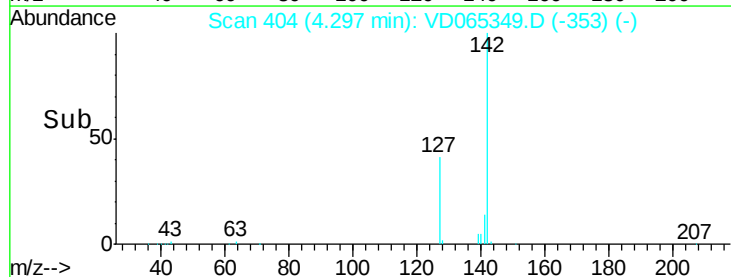
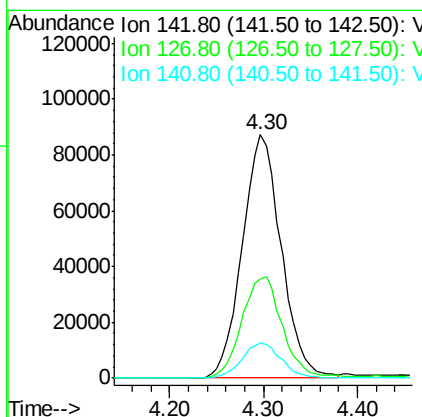
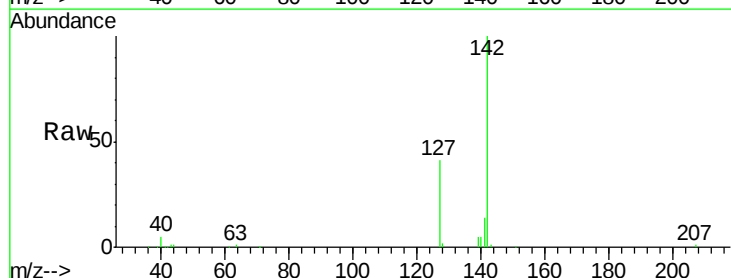
RT: 4.30 min Scan# 404

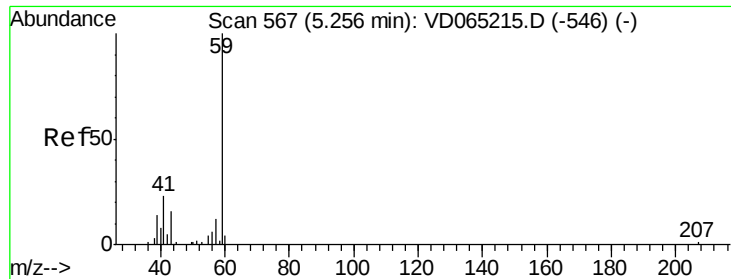
Delta R.T. -0.00 min

Lab File: VD065349.D

Acq: 27 Feb 2020 17:21

Tgt Ion:	142	Resp:	250811
Ion Ratio	Lower	Upper	
142	100		
127	43.4	33.8	50.8
141	14.5	11.7	17.5





#11

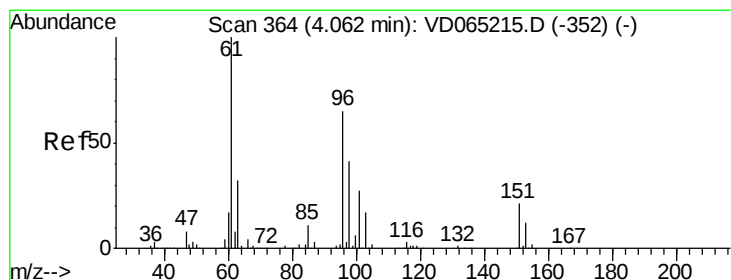
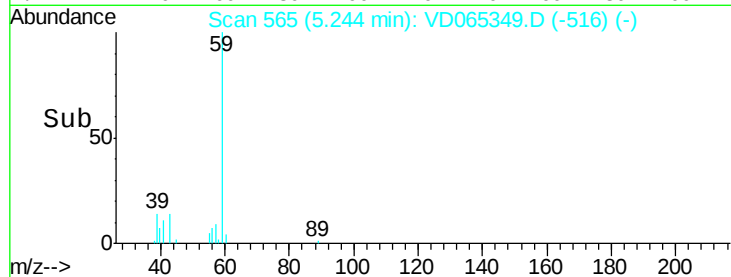
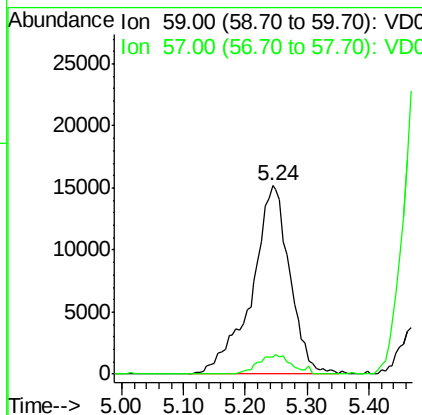
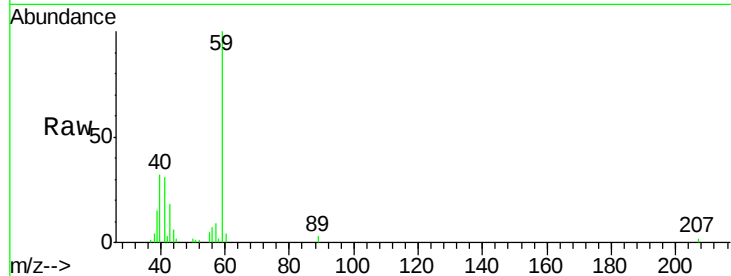
Tert butyl alcohol
 Concen: 258.255 ug/l
 RT: 5.24 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: VD065349.D
 Acq: 27 Feb 2020 17:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.0	8.4	12.6

Manual Integrations
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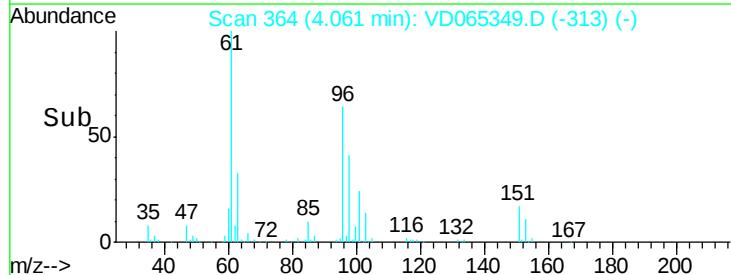
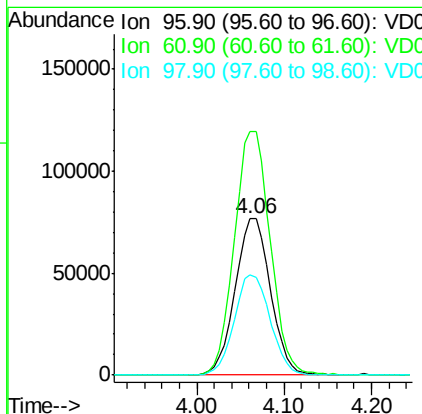
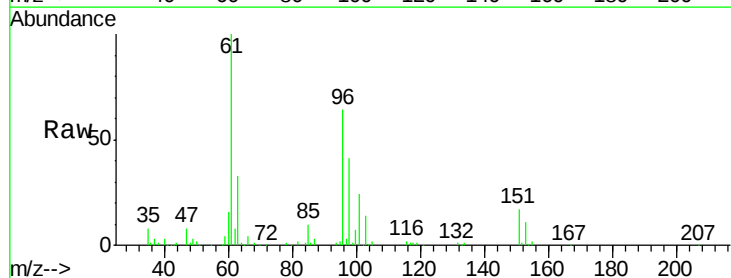
MMDadoda
 2/28/2020 9:59:12 AM

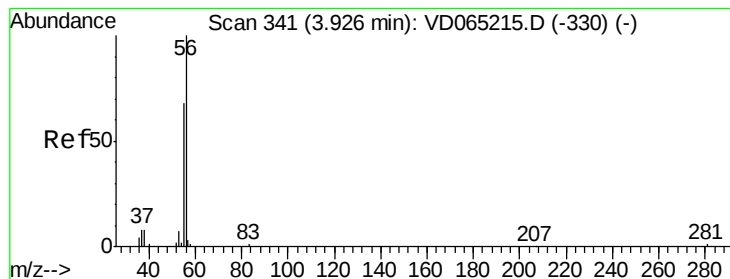


#12

1,1-Dichloroethene
 Concen: 48.682 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.00 min
 Lab File: VD065349.D
 Acq: 27 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.6	123.3	184.9
98	64.4	51.0	76.4





#13

Acrolein

Concen: 222.400 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD065349.D

Acq: 27 Feb 2020 17:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 69202

Ion Ratio Lower Upper

56 100

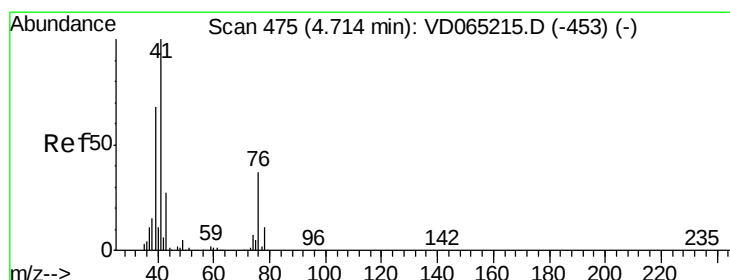
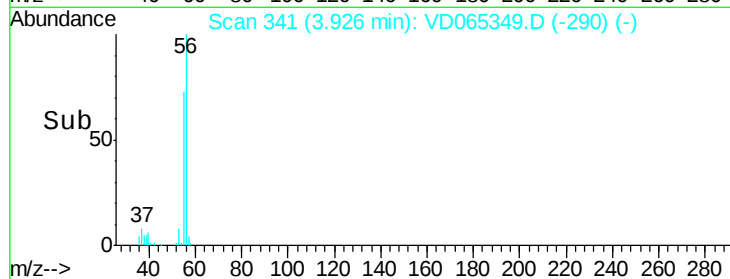
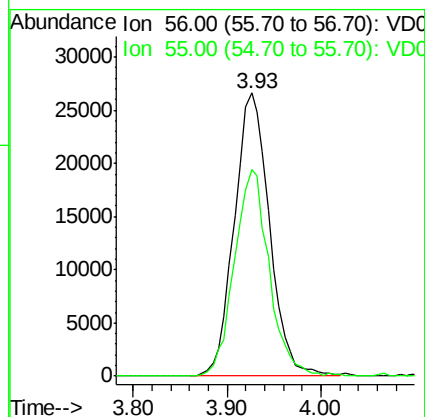
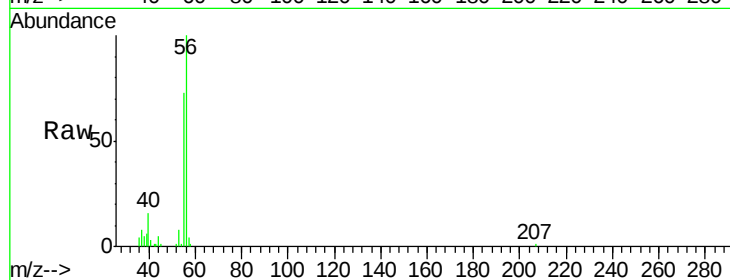
55 71.8 56.6 85.0

Manual Integrations

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MMDadoda

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#14

Allyl chloride

Concen: 49.626 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD065349.D

Acq: 27 Feb 2020 17:21

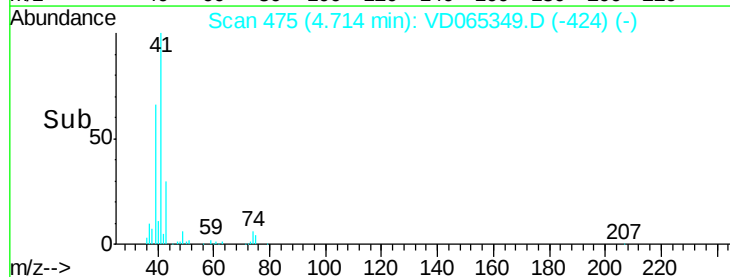
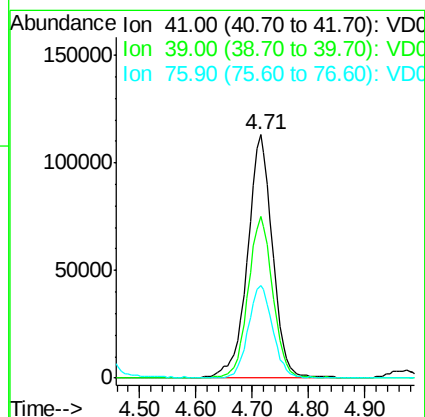
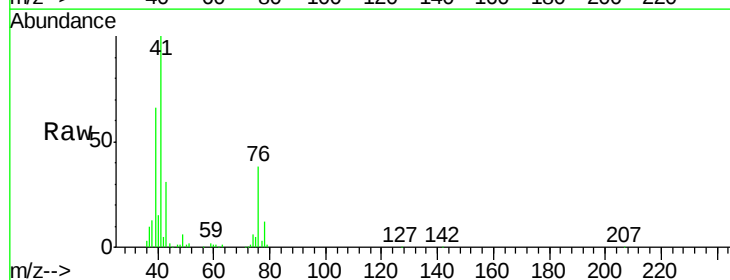
Tgt Ion: 41 Resp: 348012

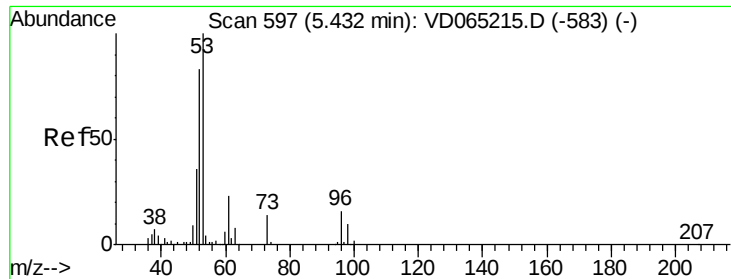
Ion Ratio Lower Upper

41 100

39 65.4 53.8 80.6

76 36.6 28.7 43.1





#15

Acrylonitrile

Concen: 254.615 ug/l

RT: 5.43 min Scan# 597

Delta R.T. -0.00 min

Lab File: VD065349.D

Acq: 27 Feb 2020 17:21

Instrument :

MSVOA_D

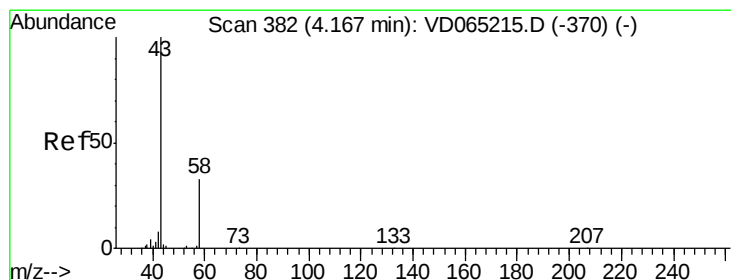
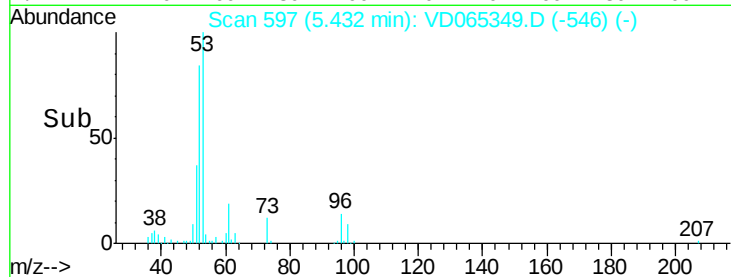
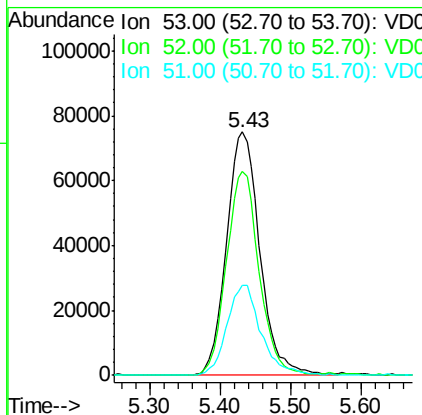
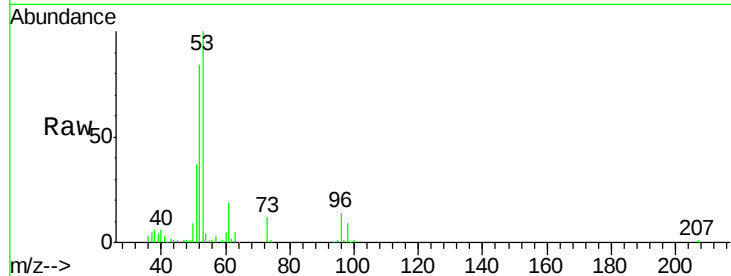
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	246323
Ion Ratio	Lower	Upper	
53	100		
52	82.0	65.4	98.2
51	38.0	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 206.464 ug/l

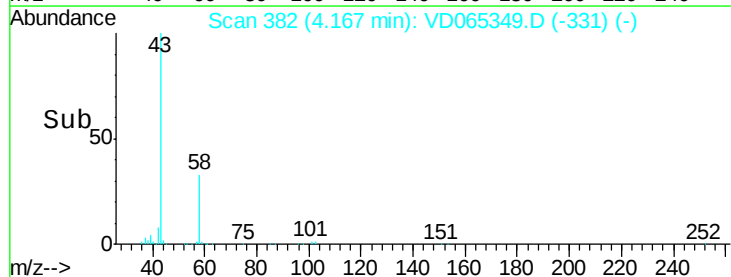
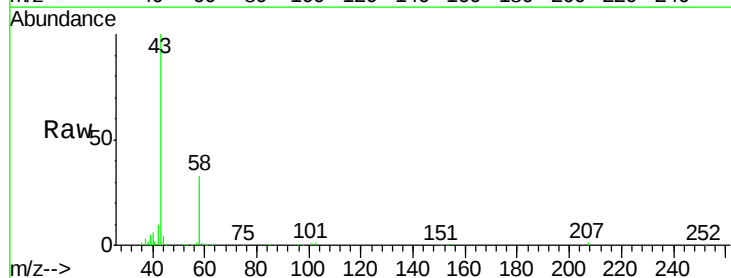
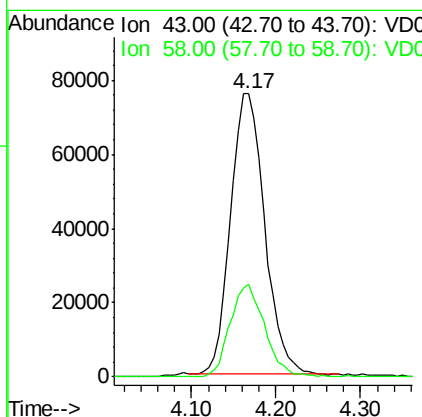
RT: 4.17 min Scan# 382

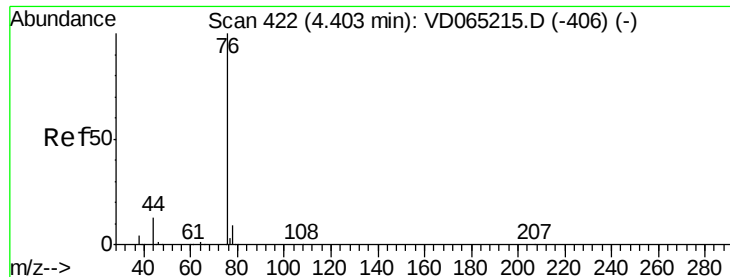
Delta R.T. -0.00 min

Lab File: VD065349.D

Acq: 27 Feb 2020 17:21

Tgt Ion:	43	Resp:	211477
Ion Ratio	Lower	Upper	
43	100		
58	33.2	26.2	39.2





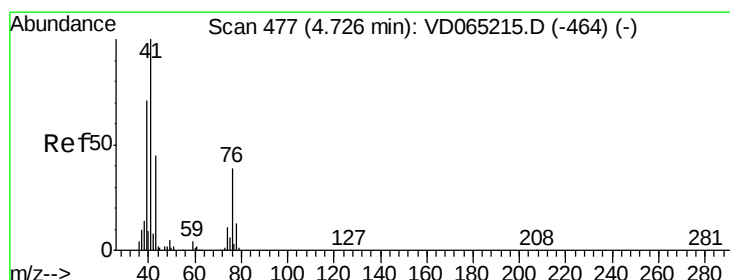
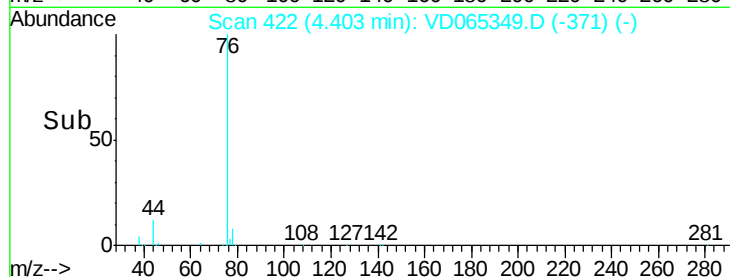
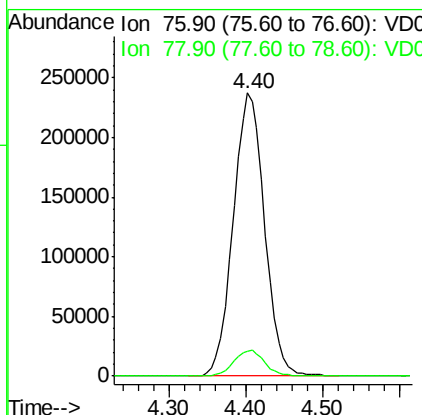
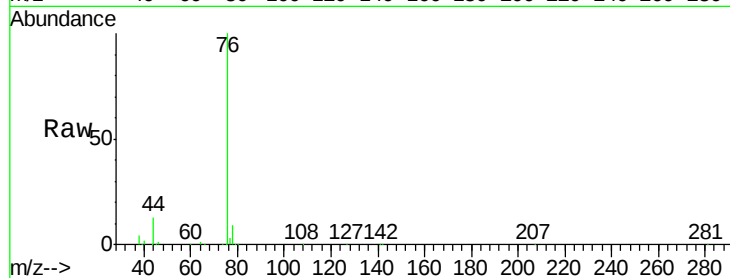
#17
Carbon Disulfide
Concen: 46.618 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.00 min
Lab File: VD065349.D
Acq: 27 Feb 2020 17:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.0	10.6

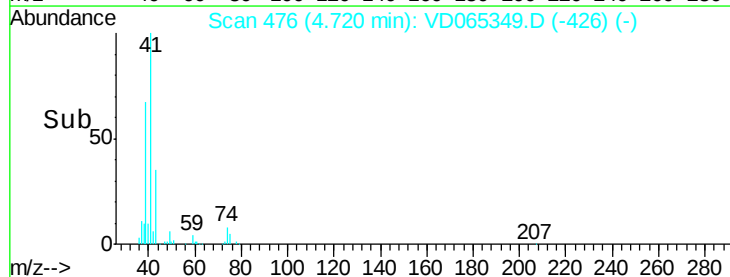
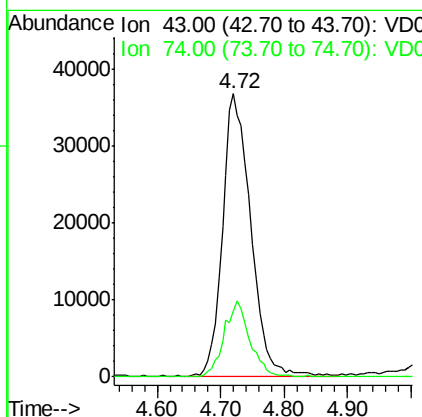
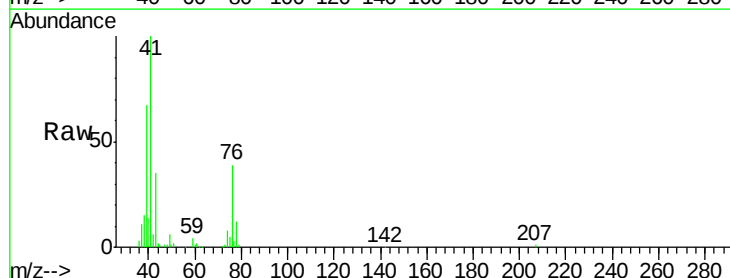
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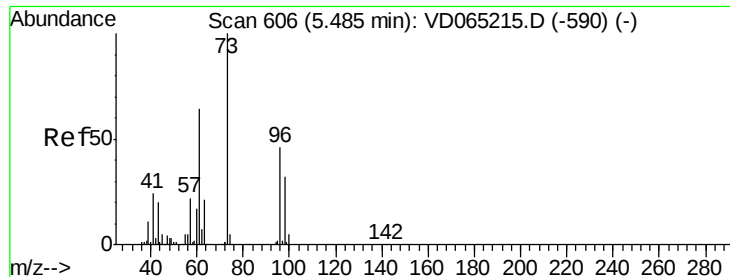
MMDadoda
2/28/2020 9:59:12 AM



#18
Methyl Acetate
Concen: 49.642 ug/l
RT: 4.72 min Scan# 476
Delta R.T. -0.01 min
Lab File: VD065349.D
Acq: 27 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	19.4	29.2





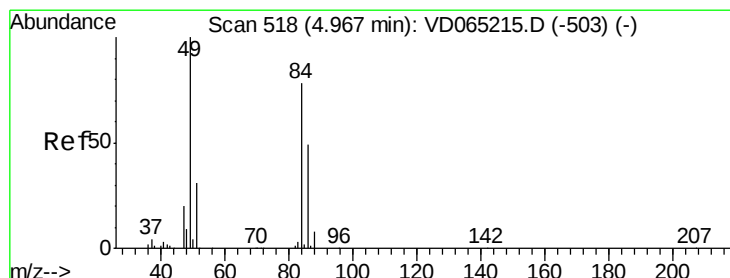
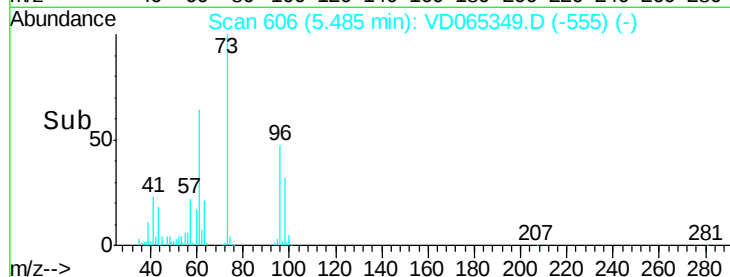
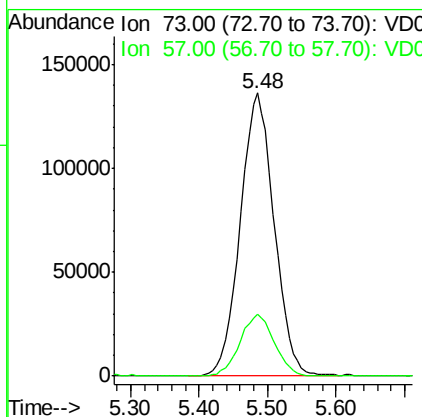
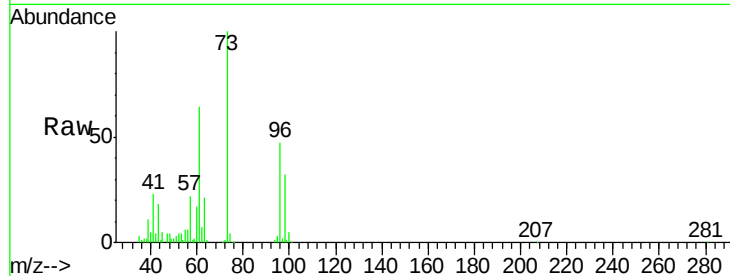
#19
Methvl tert-butvl Ether
Concen: 51.966 ug/l
RT: 5.48 min Scan# 606
Delta R.T. -0.00 min
Lab File: VD065349.D
Acq: 27 Feb 2020 17:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 467980
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9

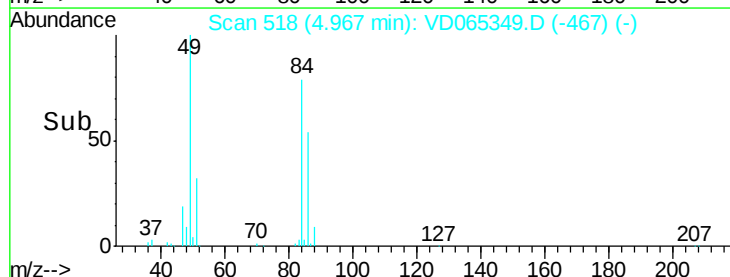
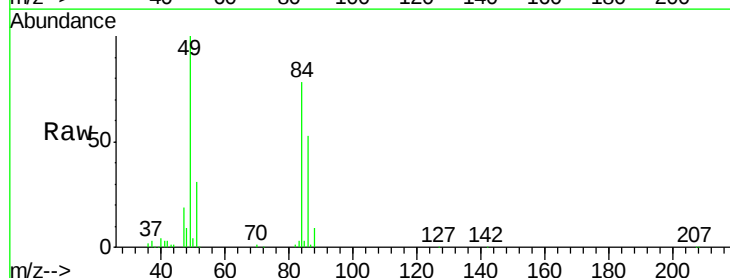
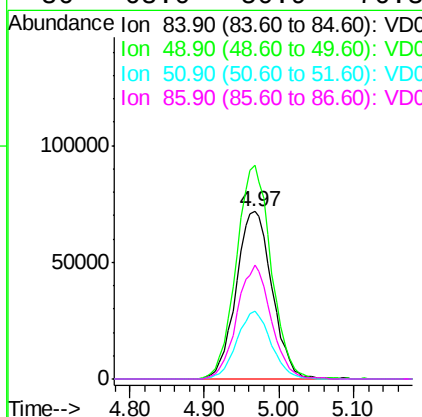
Manual Integrations
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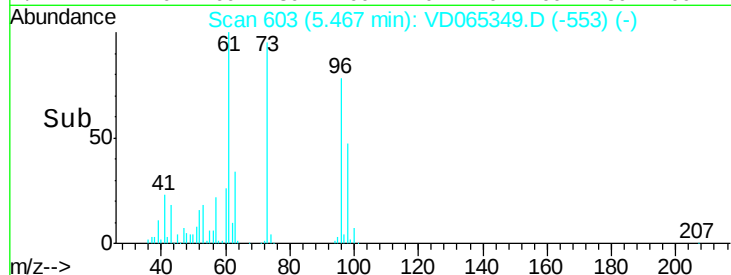
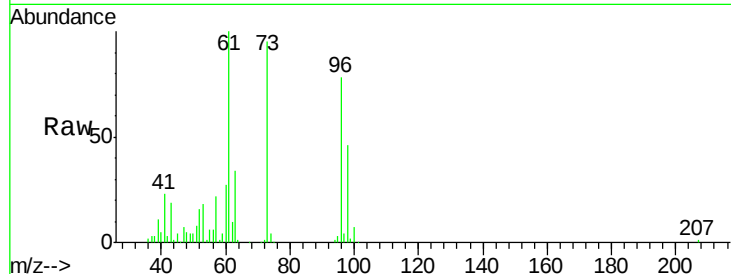
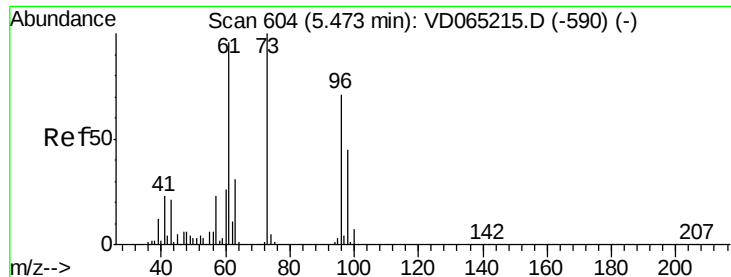
MMDadoda
2/28/2020 9:59:12 AM



#20
Methylene Chloride
Concen: 52.854 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065349.D
Acq: 27 Feb 2020 17:21

Tgt Ion: 84 Resp: 239807
Ion Ratio Lower Upper
84 100
49 127.6 103.1 154.7
51 40.2 31.7 47.5
86 68.0 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 50.109 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065349.D

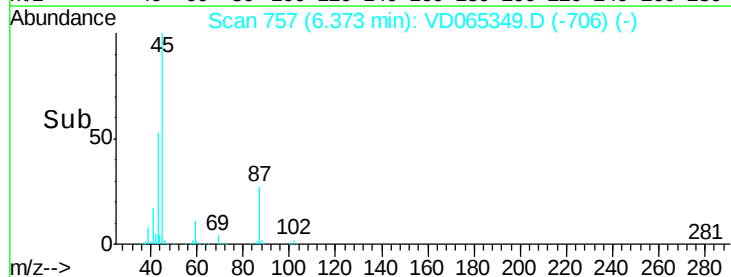
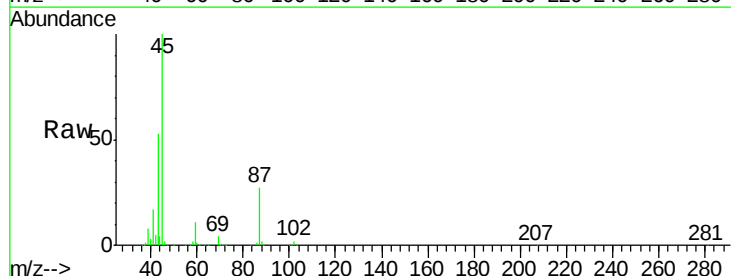
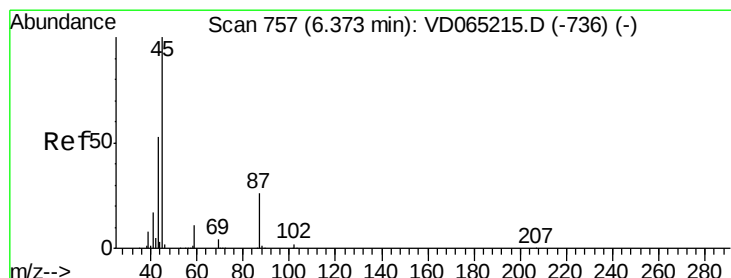
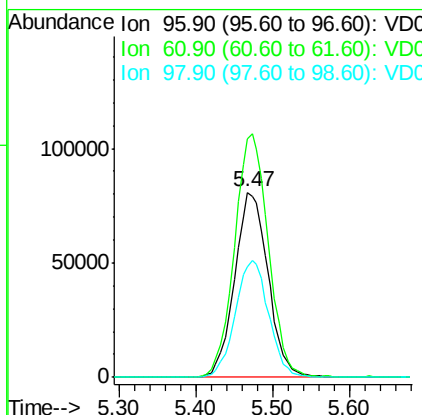
Acq: 27 Feb 2020 17:21

Tot Ion:	96	Resp:	245997
Ion	Ratio	Lower	Upper
96	100		
61	128.9	108.3	162.5
98	59.8	50.7	76.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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2/28/2020 9:59:12 AM



#22

Diisopropyl ether

Concen: 51.633 ug/l

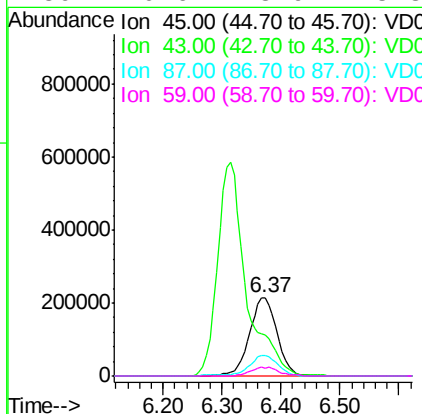
RT: 6.37 min Scan# 757

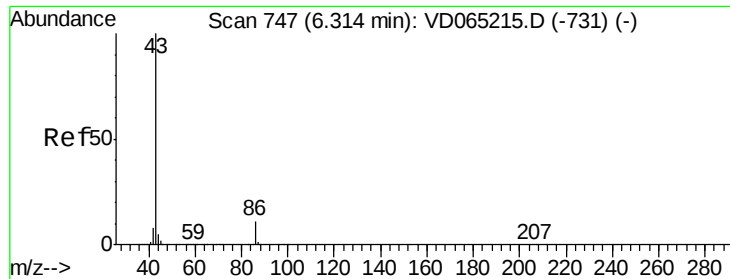
Delta R.T. -0.00 min

Lab File: VD065349.D

Acq: 27 Feb 2020 17:21

Tgt Ion:	45	Resp:	698031
Ion	Ratio	Lower	Upper
45	100		
43	52.6	42.6	64.0
87	26.5	21.2	31.8
59	10.6	8.9	13.3





#23

Vinyl Acetate

Concen: 264.888 ug/l

RT: 6.31 min Scan# 747

Delta R.T. -0.00 min

Lab File: VD065349.D

Acq: 27 Feb 2020 17:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1974200

Ion Ratio Lower Upper

43 100

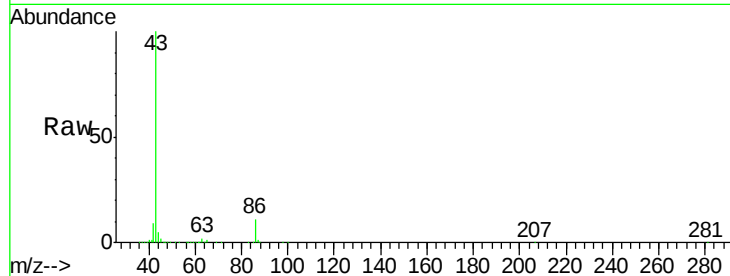
86 11.1 8.6 12.8

Manual Integrations

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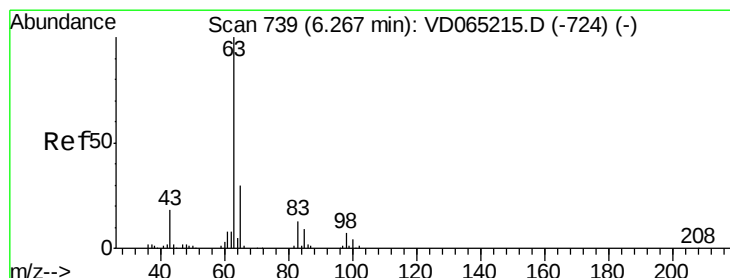
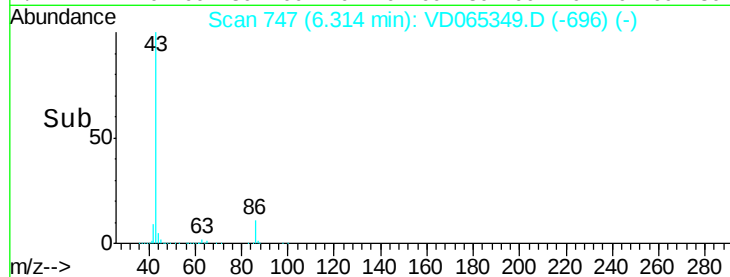
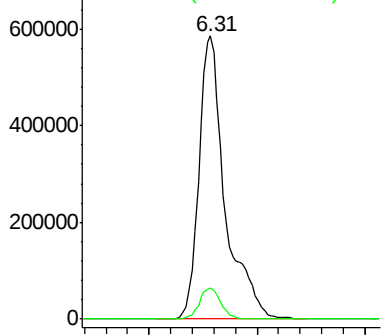
MMDadoda

2/28/2020 9:59:12 AM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 49.413 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD065349.D

Acq: 27 Feb 2020 17:21

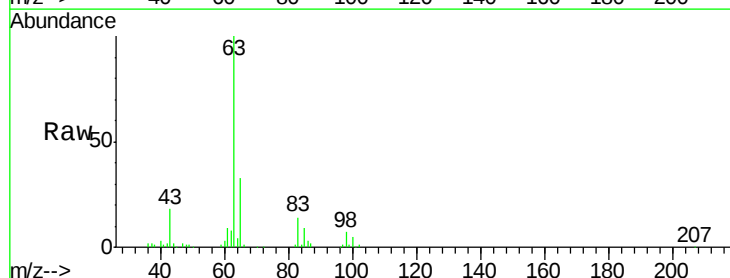
Tgt Ion: 63 Resp: 414346

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.1

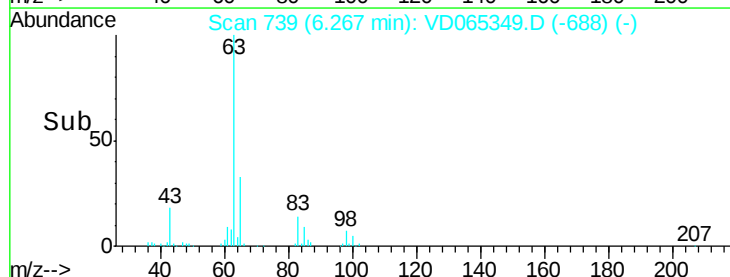
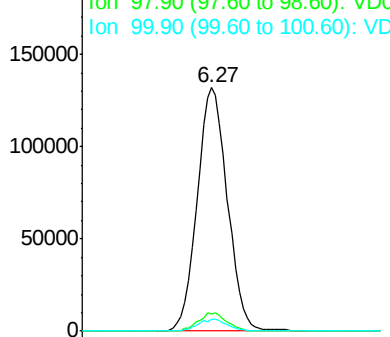
100 5.1 2.3 6.8

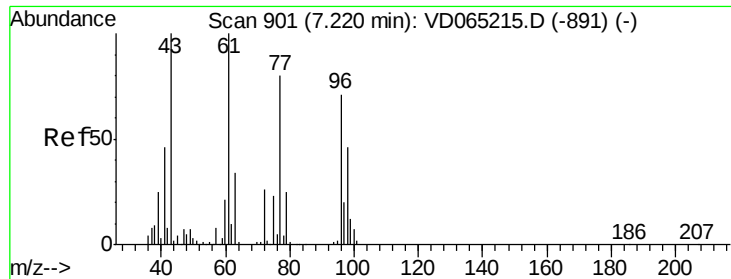


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 239.323 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.00 min

Lab File: VD065349.D

Acq: 27 Feb 2020 17:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 310148

Ion Ratio Lower Upper

43 100

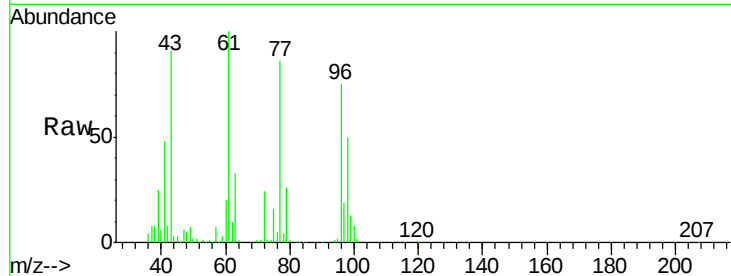
72 26.1 20.9 31.3

Manual Integrations

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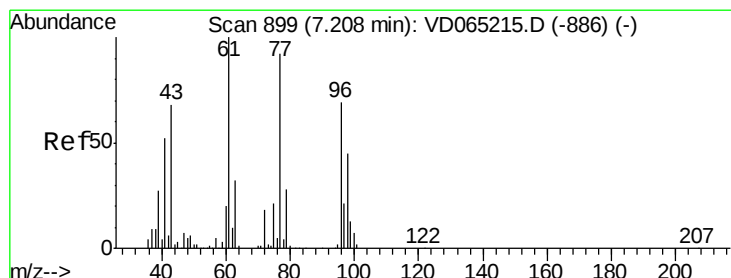
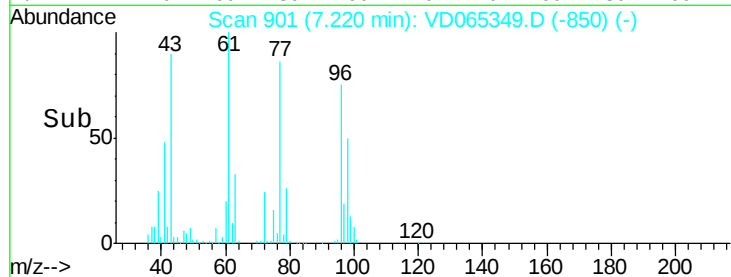
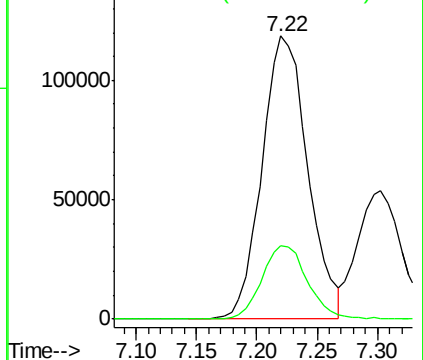
MMDadoda

2/28/2020 9:59:12 AM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 48.283 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD065349.D

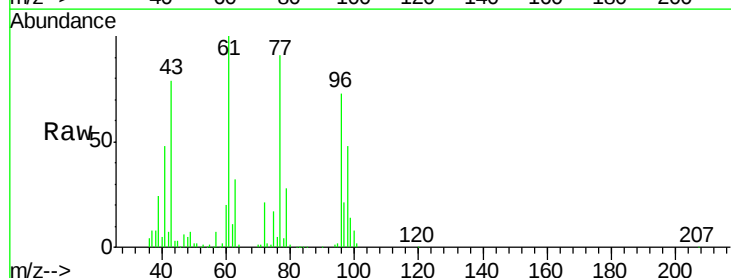
Acq: 27 Feb 2020 17:21

Tgt Ion: 77 Resp: 351279

Ion Ratio Lower Upper

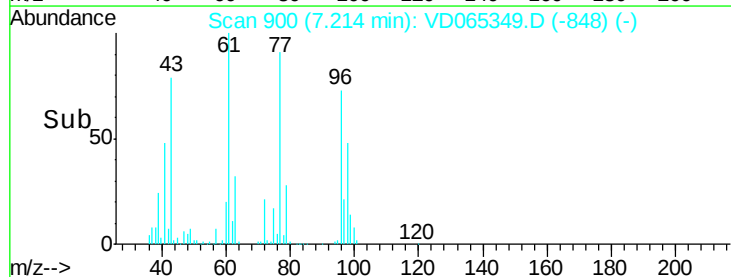
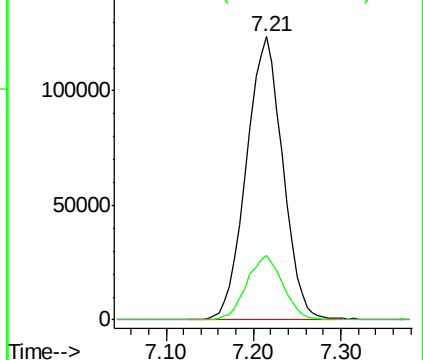
77 100

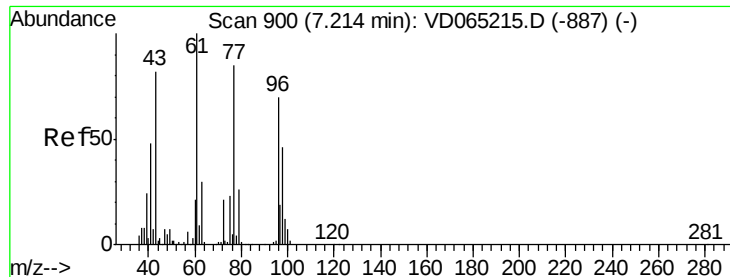
97 22.8 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

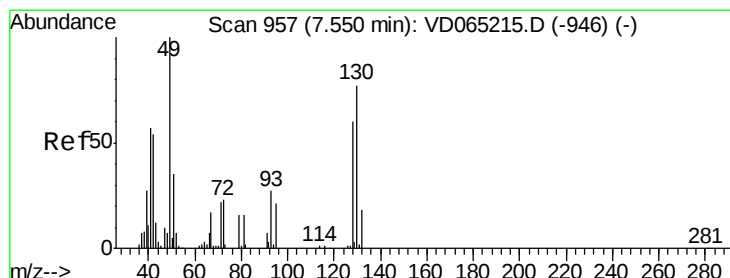
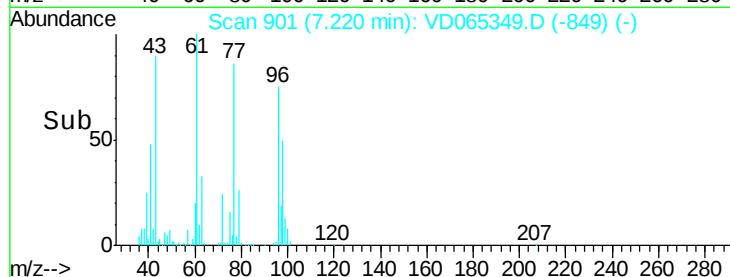
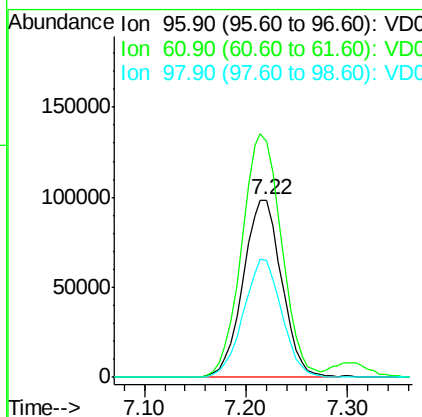
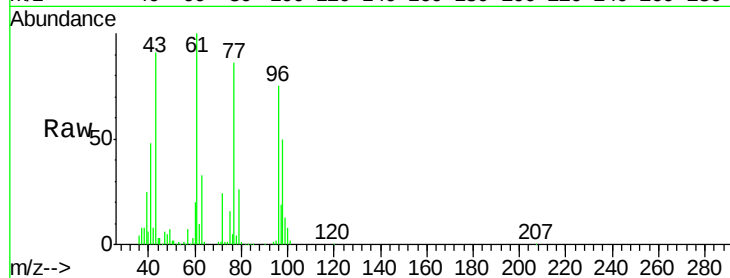
cis-1,2-Dichloroethene
Concen: 50.026 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.01 min
Lab File: VD065349.D
Acq: 27 Feb 2020 17:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	260141		
61	141.4	0.0	286.0	
98	66.0	0.0	127.8	

Manual Integrations
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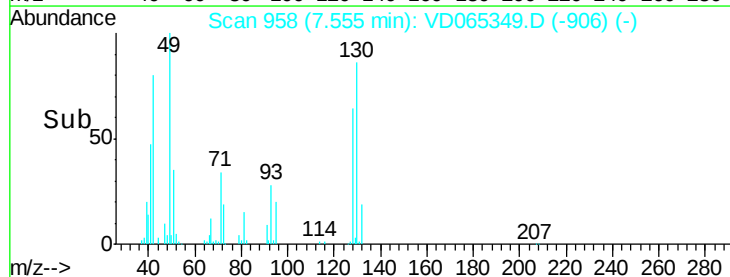
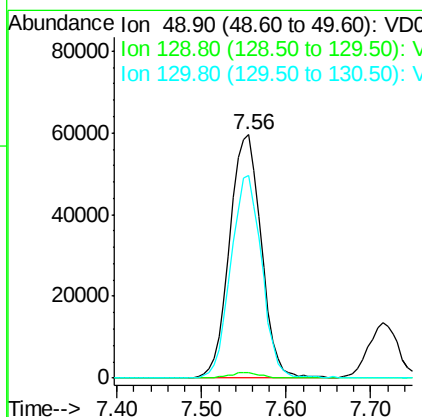
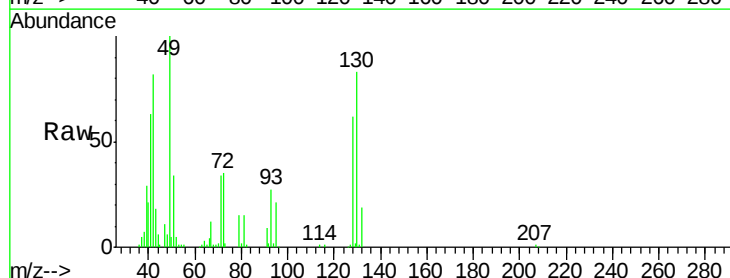
MMDadoda
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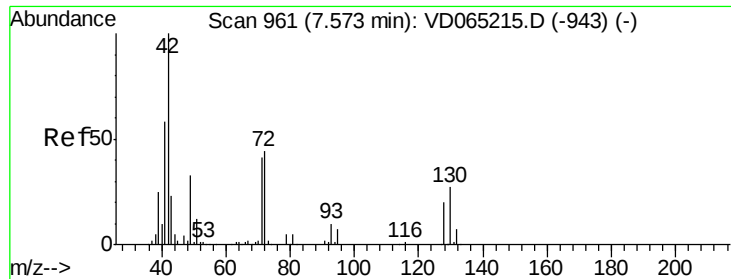


#28

Bromochloromethane
Concen: 49.606 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.01 min
Lab File: VD065349.D
Acq: 27 Feb 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	154321		
129	2.1	0.0	4.6	
130	81.1	64.7	97.1	





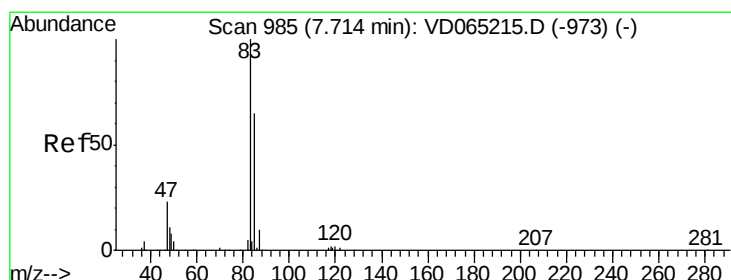
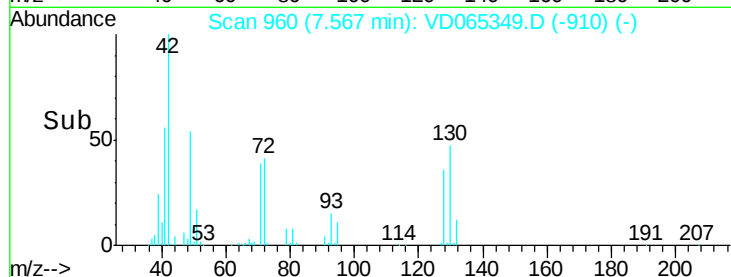
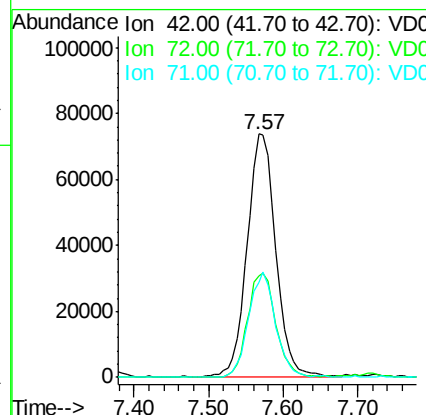
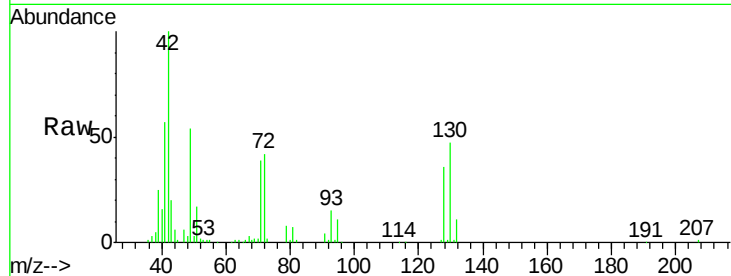
#29
Tetrahydrofuran
Concen: 260.850 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD065349.D
Acq: 27 Feb 2020 17:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.1	33.7	50.5
71	40.2	31.4	47.2

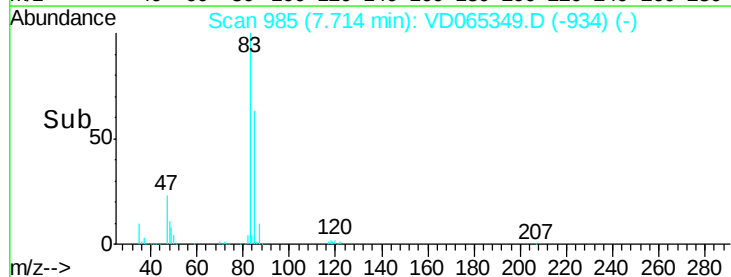
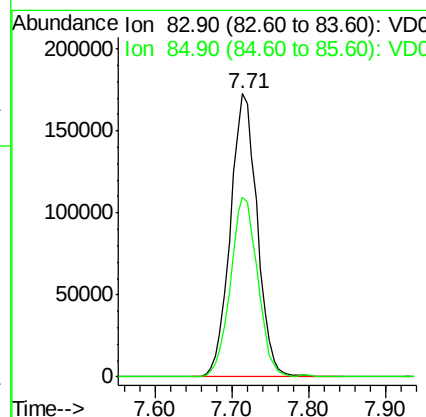
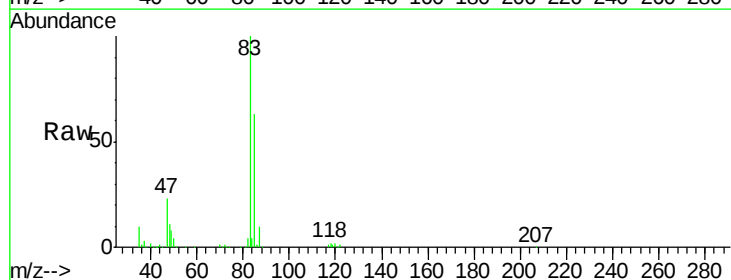
Manual Integrations
APPROVED

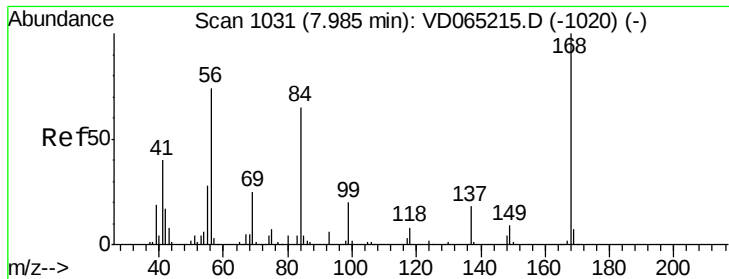
MMDadoda
2/28/2020 9:59:12 AM



#30
Chloroform
Concen: 49.767 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD065349.D
Acq: 27 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.3	78.5





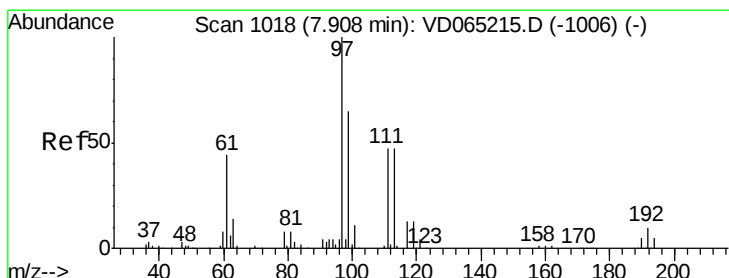
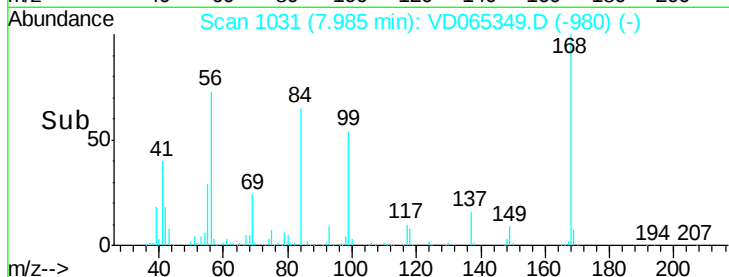
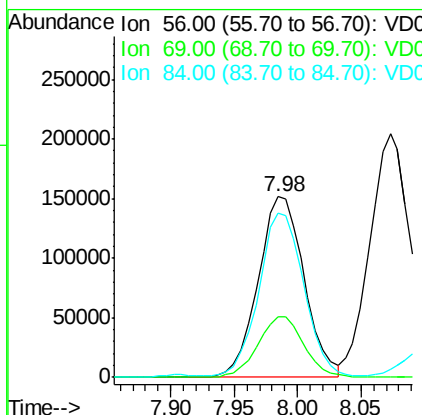
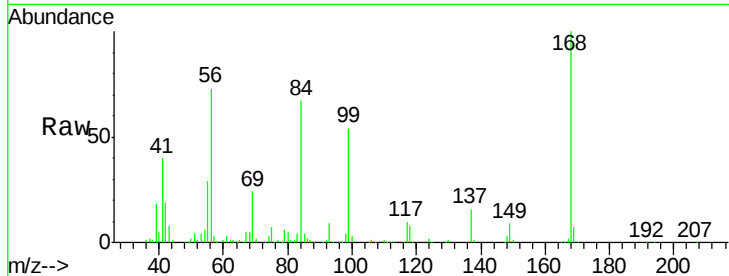
#31
Cyclohexane
Concen: 46.421 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065349.D
Acq: 27 Feb 2020 17:21

Instrument :
MSVOA_D
ClientSampleID :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.5	27.4	41.0
84	89.9	71.1	106.7

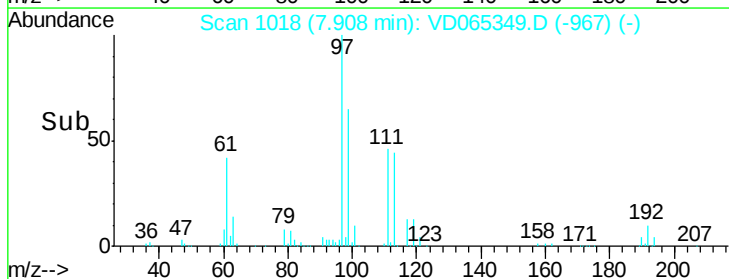
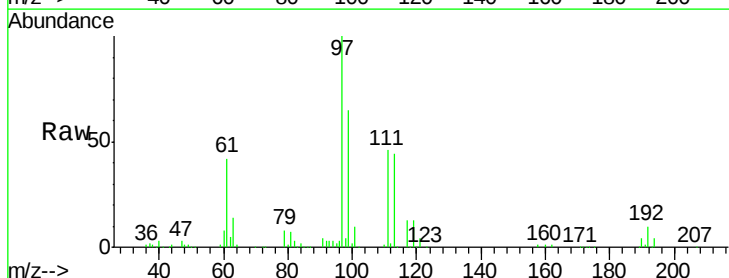
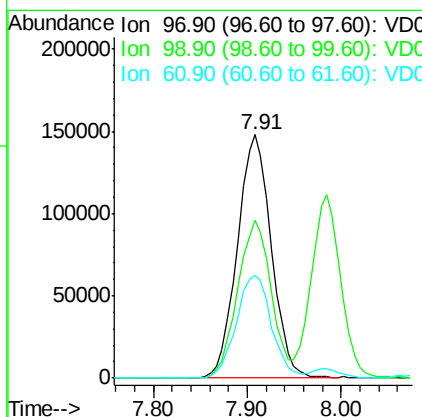
Manual Integrations
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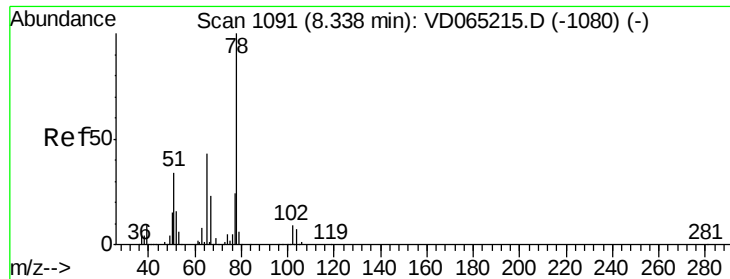
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#32
1,1,1-Trichloroethane
Concen: 48.937 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VD065349.D
Acq: 27 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.4	77.2
61	43.7	34.8	52.2





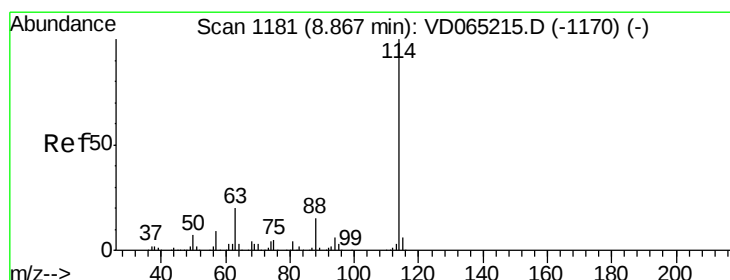
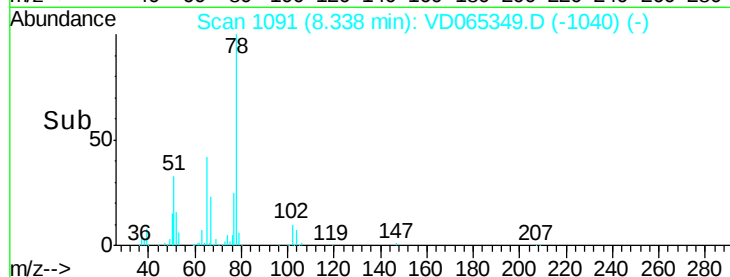
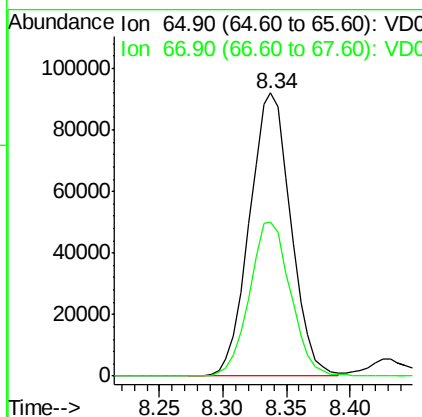
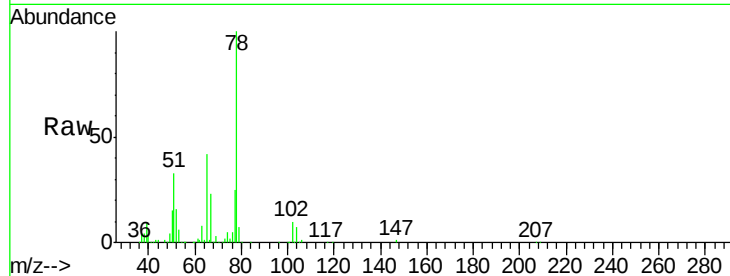
#33
 1,2-Dichloroethane-d4
 Concen: 49.754 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065349.D
 Acq: 27 Feb 2020 17:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	106.8

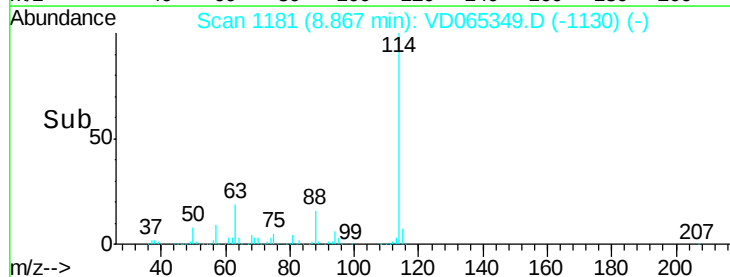
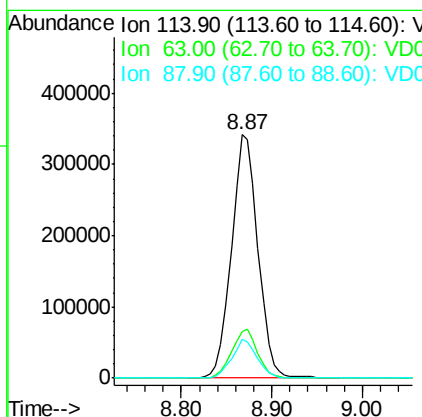
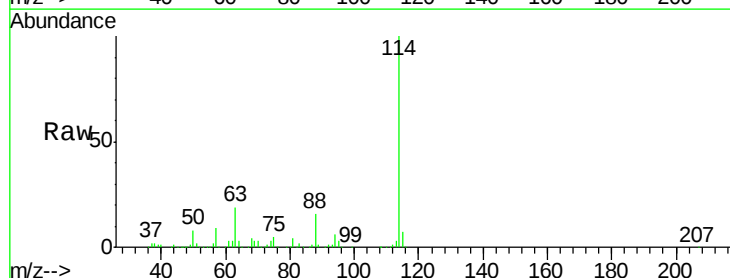
Manual Integrations
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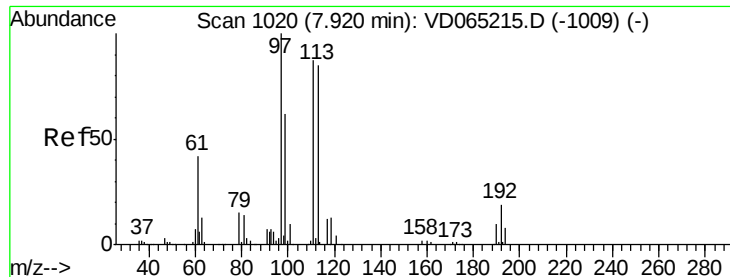
MMDadoda
 2/28/2020 9:59:12 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065349.D
 Acq: 27 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	39.4
88	15.7	0.0	30.4





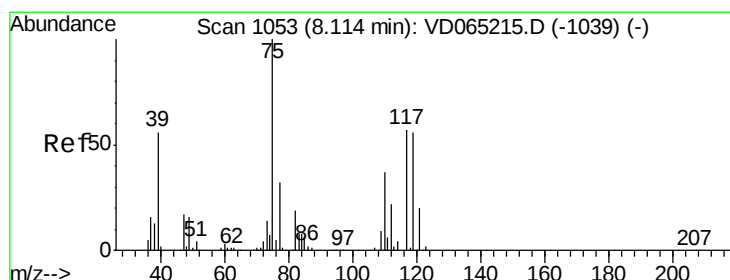
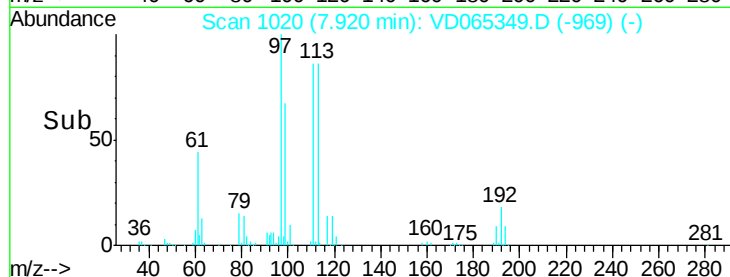
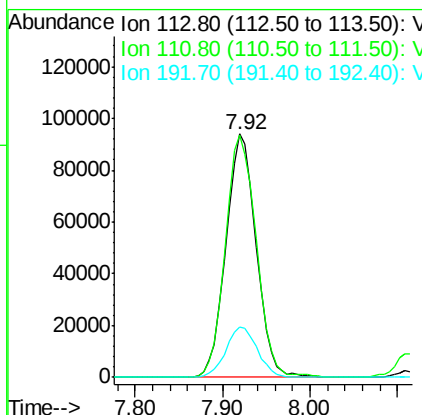
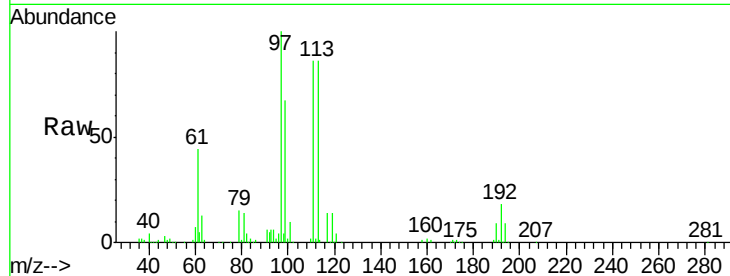
#35
 Dibromofluoromethane
 Concen: 52.503 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065349.D
 Acq: 27 Feb 2020 17:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.9	124.3
192	21.5	17.3	25.9

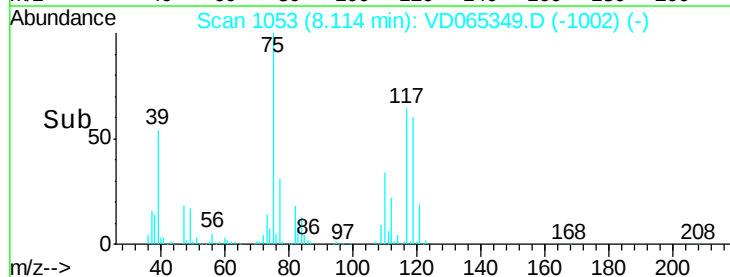
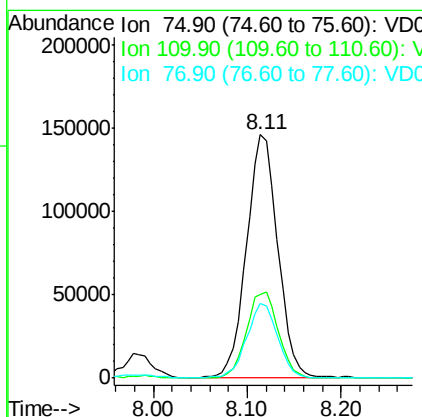
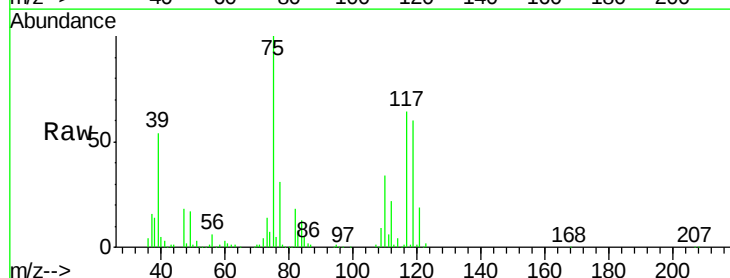
Manual Integrations
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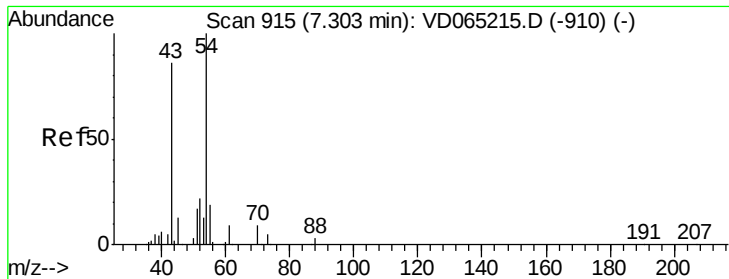
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 50.284 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065349.D
 Acq: 27 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	17.9	53.7
77	30.6	25.1	37.7





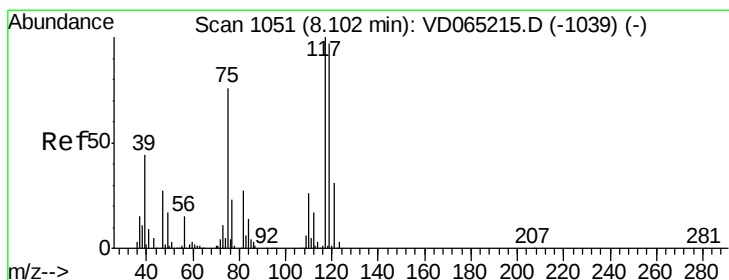
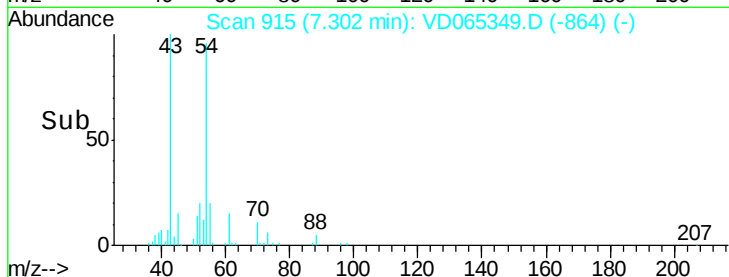
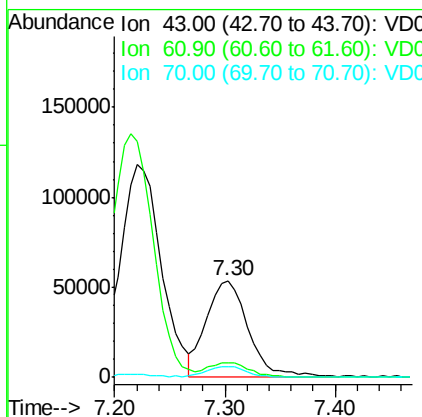
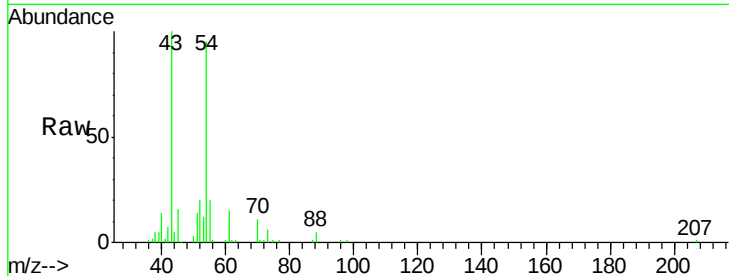
#37
Ethyl Acetate
Concen: 49.259 ug/l
RT: 7.30 min Scan# 915
Delta R.T. -0.00 min
Lab File: VD065349.D
Acq: 27 Feb 2020 17:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.2	16.8
70	10.7	8.2	12.2

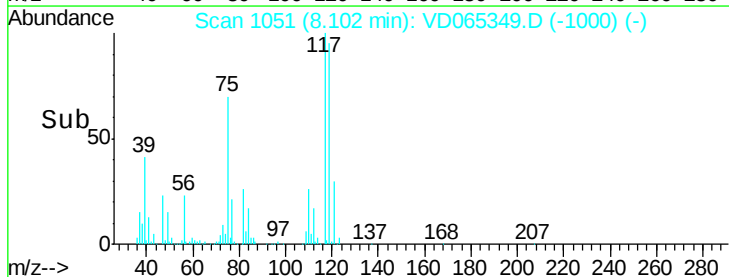
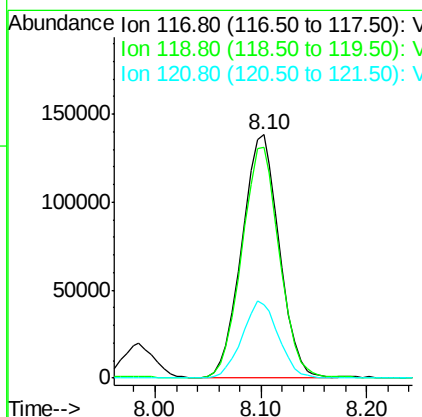
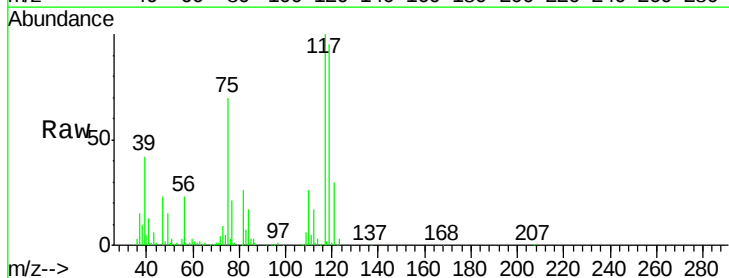
Manual Integrations
APPROVED

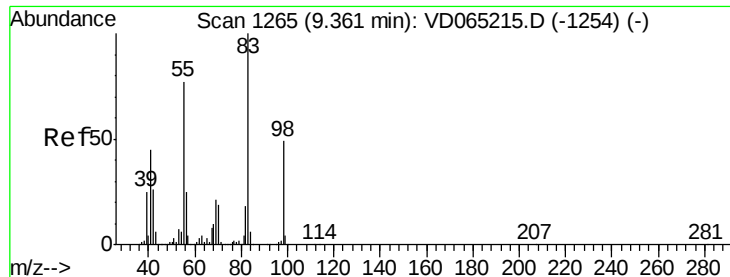
MMDadoda
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#38
Carbon Tetrachloride
Concen: 49.606 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VD065349.D
Acq: 27 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.6	116.4
121	30.1	24.8	37.2





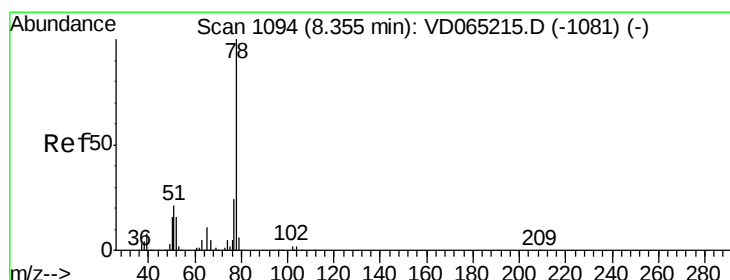
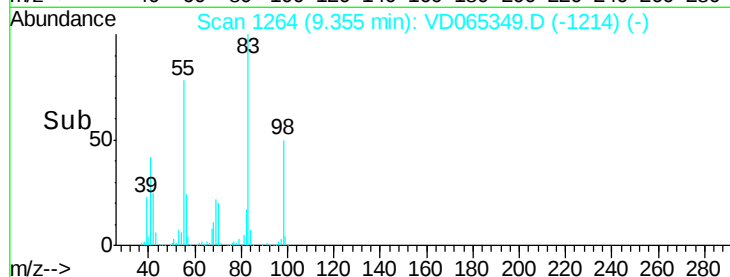
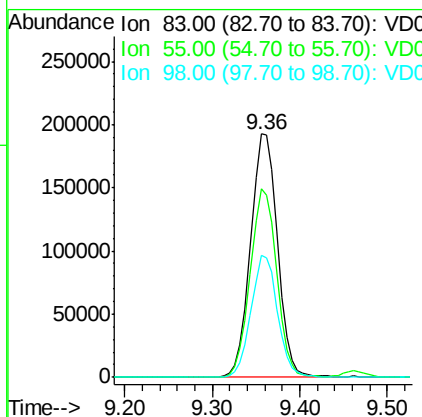
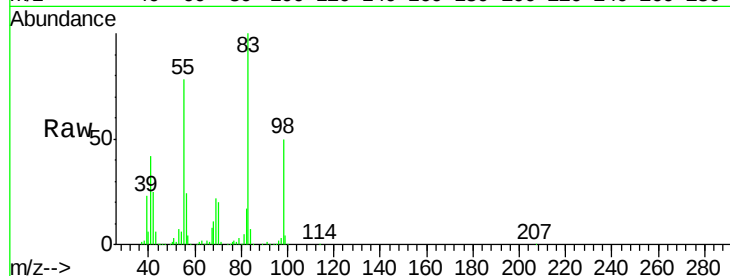
#39
Methvlcvclohexane
Concen: 51.265 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD065349.D
Acq: 27 Feb 2020 17:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.7	61.8	92.6
98	50.2	39.4	59.0

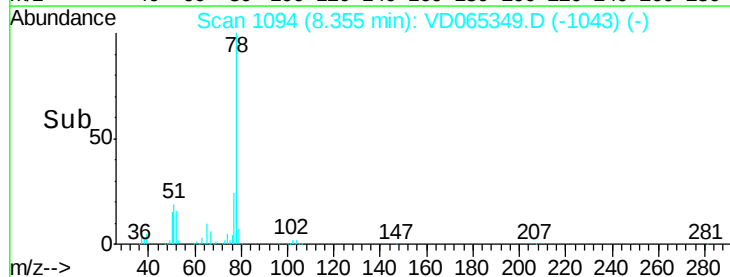
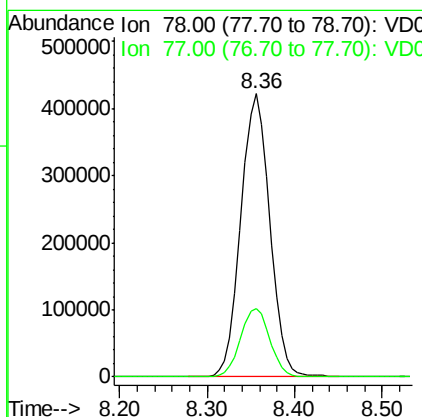
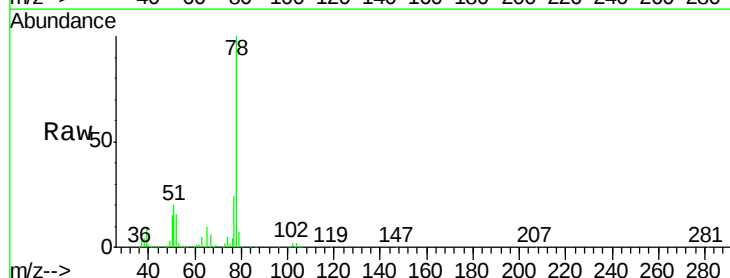
Manual Integrations
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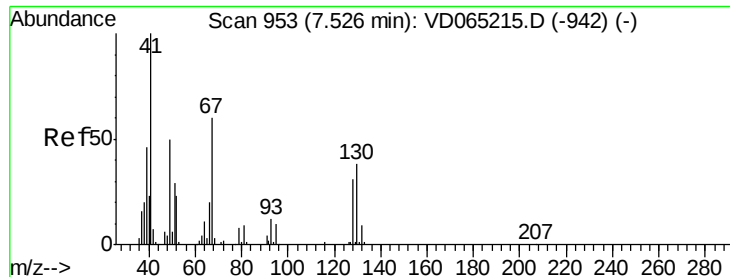
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#40
Benzene
Concen: 50.003 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD065349.D
Acq: 27 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.0	28.6





#41

Methacrylonitrile

Concen: 55.129 ug/l m

RT: 7.54 min Scan# 956

Delta R.T. 0.02 min

Lab File: VD065349.D

Acq: 27 Feb 2020 17:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 89424

Ion Ratio Lower Upper

41 100

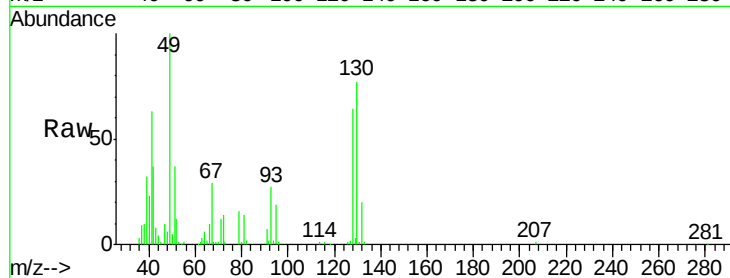
39 0.0 48.1 72.1#

67 0.0 58.9 88.3#

52 0.0 24.2 36.2#

Manual Integrations
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MMDadoda
2/28/2020 9:59:12 AM

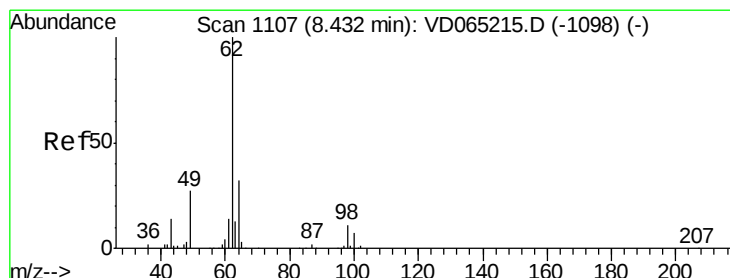
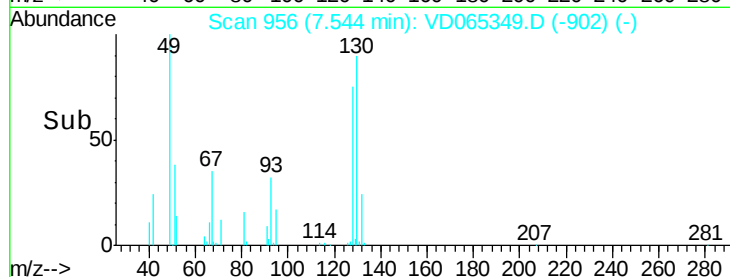
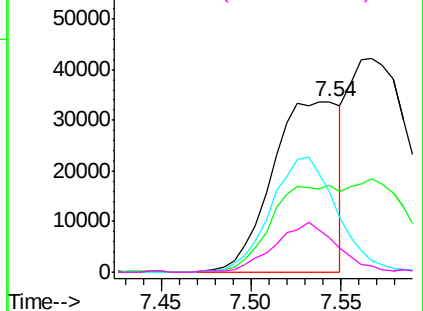


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 48.177 ug/l

RT: 8.43 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VD065349.D

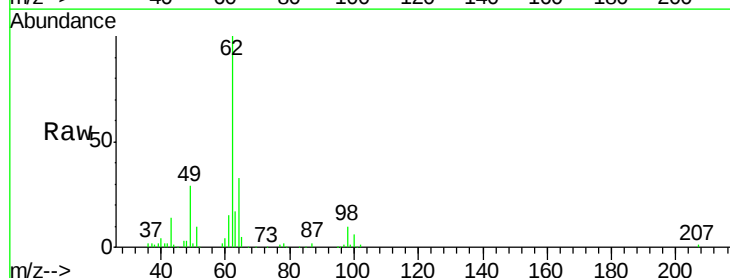
Acq: 27 Feb 2020 17:21

Tgt Ion: 62 Resp: 251225

Ion Ratio Lower Upper

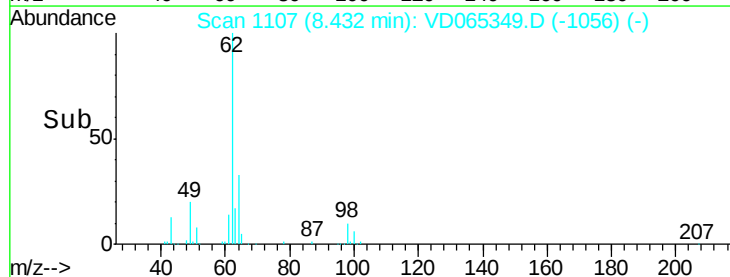
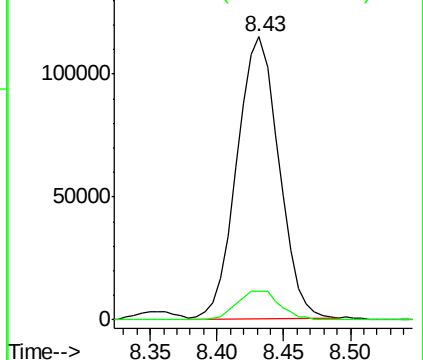
62 100

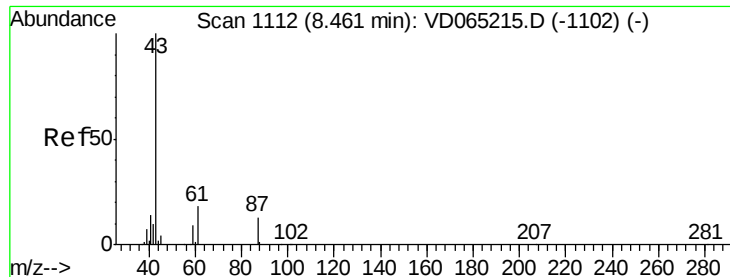
98 10.7 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 50.711 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VD065349.D

Acq: 27 Feb 2020 17:21

Instrument :

MSVOA_D

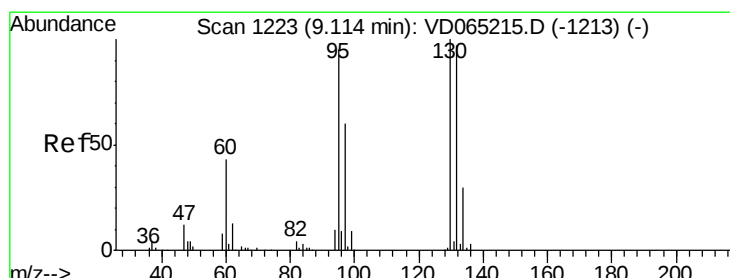
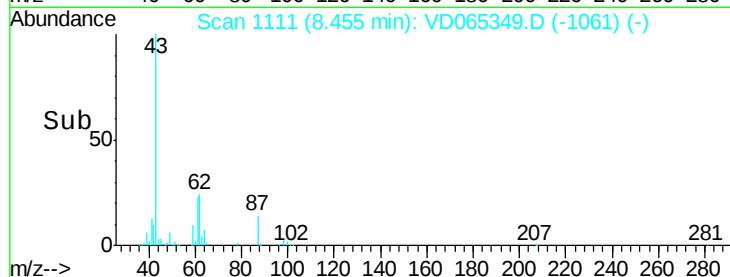
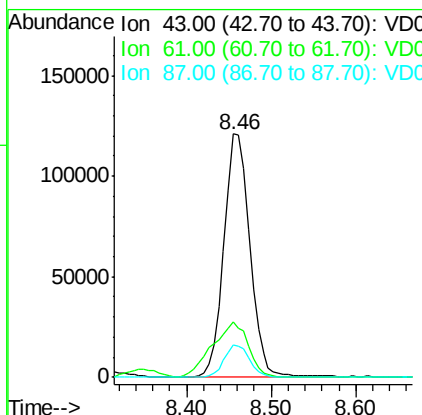
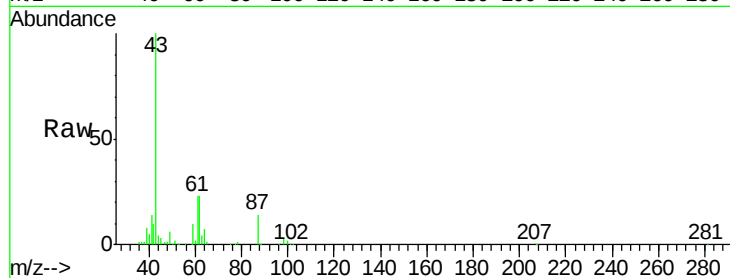
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	259065
Ion	Ratio	Lower	Upper
43	100		
61	31.3	24.6	36.8
87	13.1	10.6	16.0

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#44

Trichloroethene

Concen: 50.506 ug/l

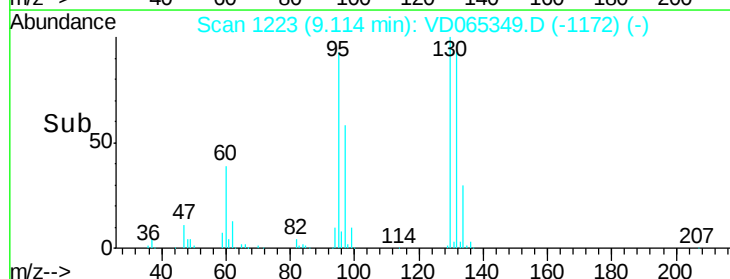
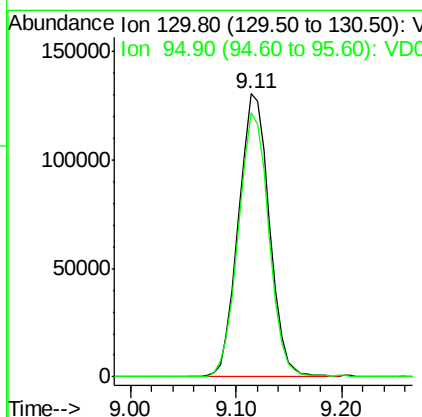
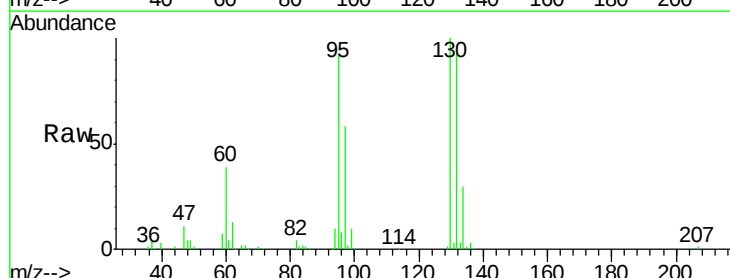
RT: 9.11 min Scan# 1223

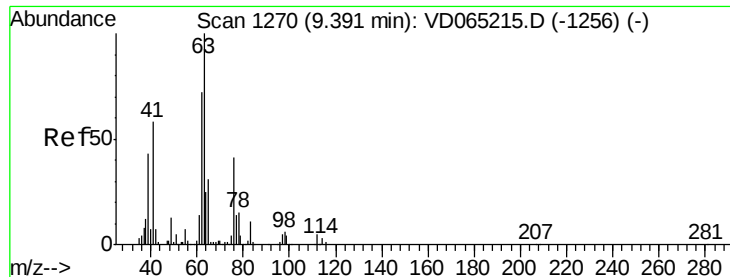
Delta R.T. -0.00 min

Lab File: VD065349.D

Acq: 27 Feb 2020 17:21

Tgt Ion:	130	Resp:	265555
Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	190.6





#45

1,2-Dichloropropane

Concen: 50.671 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD065349.D

Acq: 27 Feb 2020 17:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 238996

Ion Ratio Lower Upper

63 100

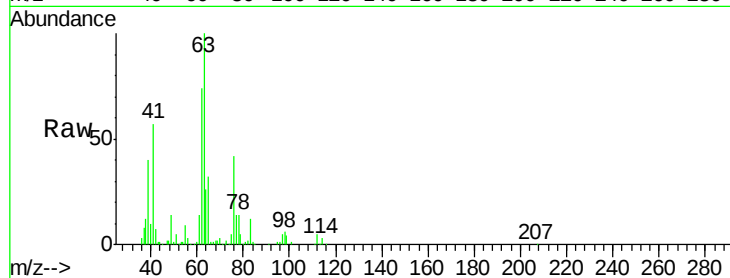
65 31.8 24.9 37.3

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Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

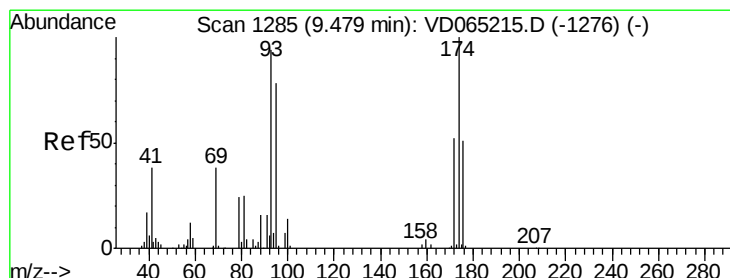
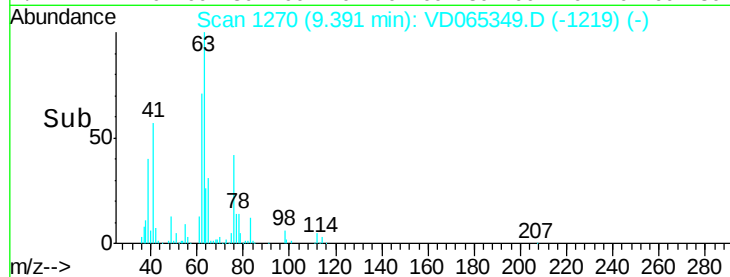
9.39

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 51.410 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD065349.D

Acq: 27 Feb 2020 17:21

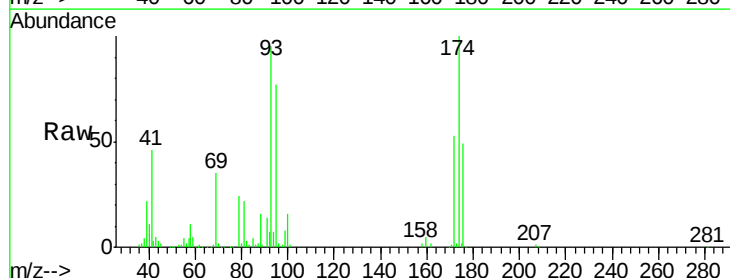
Tgt Ion: 93 Resp: 124761

Ion Ratio Lower Upper

93 100

95 83.0 65.8 98.6

174 108.8 86.8 130.2



Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

9.48

80000

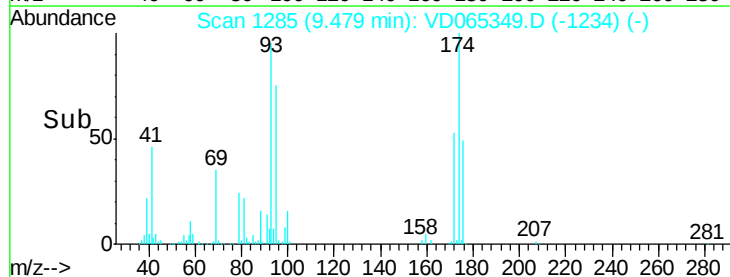
60000

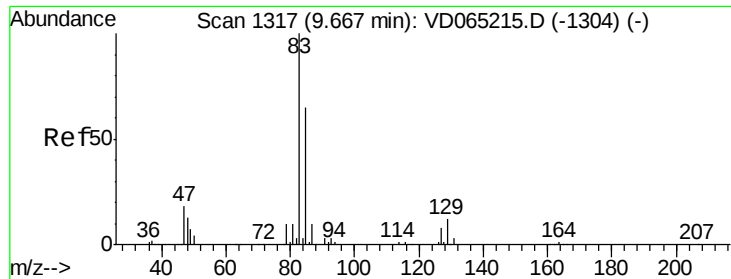
40000

20000

0

Time-->





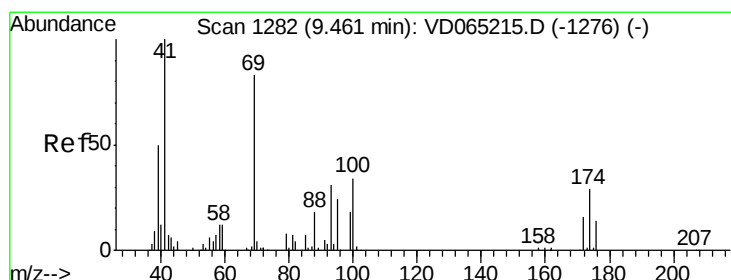
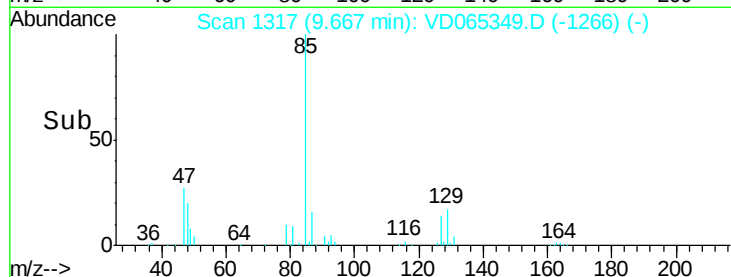
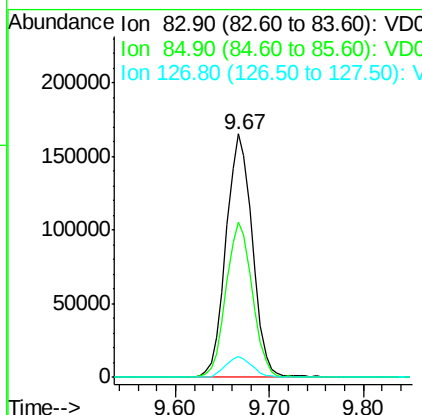
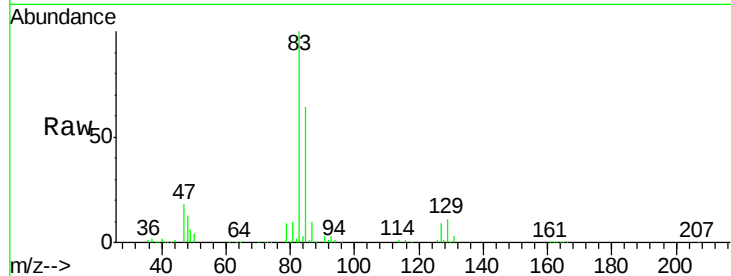
#47
Bromodichloromethane
Concen: 50.460 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VD065349.D
Acq: 27 Feb 2020 17:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	322712		
85	64.0	52.0	78.0	
127	8.6	6.7	10.1	

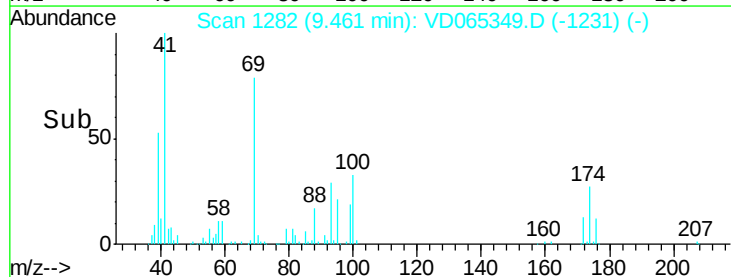
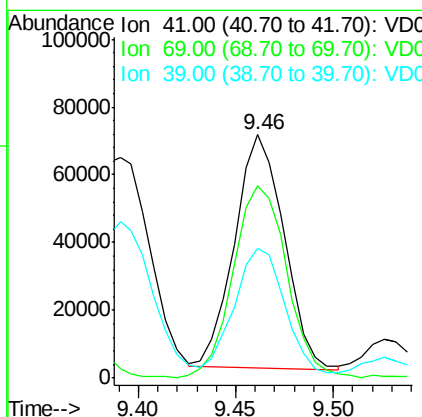
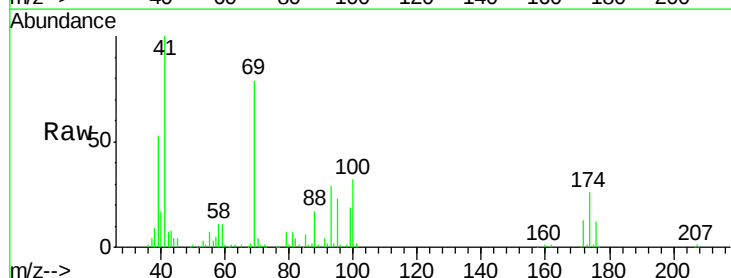
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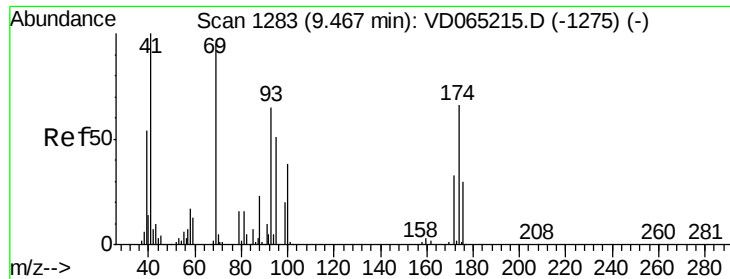
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#48
Methyl methacrylate
Concen: 51.067 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VD065349.D
Acq: 27 Feb 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	120589		
69	89.0	68.2	102.2	
39	53.1	42.0	63.0	





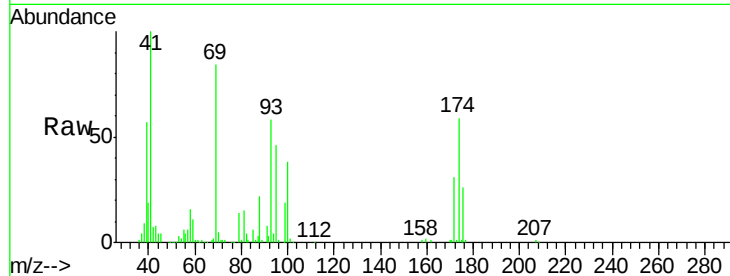
#49
1,4-Dioxane
Concen: 1018.107 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD065349.D
Acq: 27 Feb 2020 17:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.5	28.5	42.7
58	68.8	58.6	87.8

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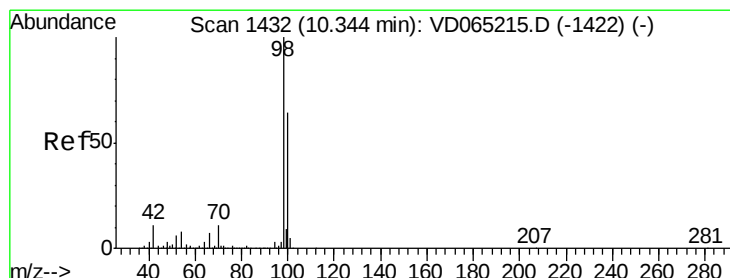
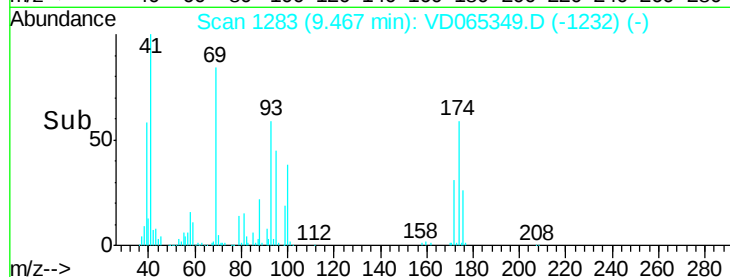
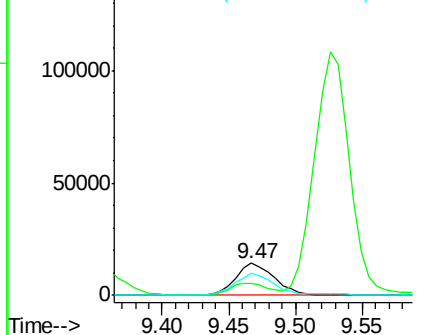


Abundance

Ion 88.00 (87.70 to 88.70): VDC

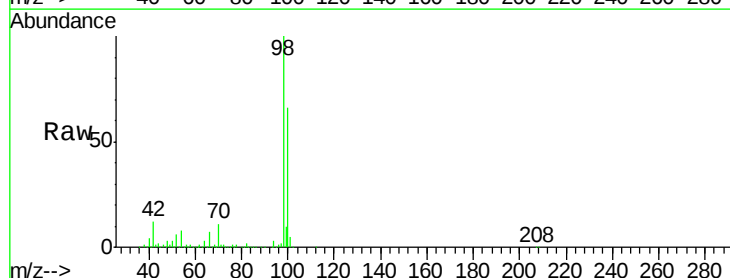
Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50
Toluene-d8
Concen: 52.492 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065349.D
Acq: 27 Feb 2020 17:21

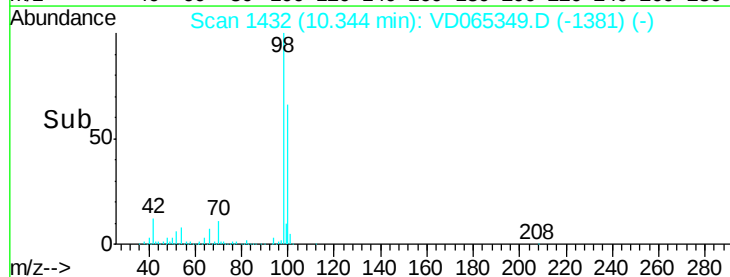
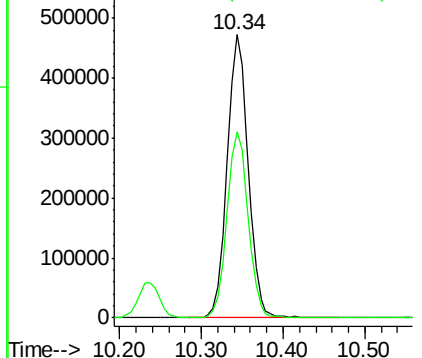
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.0	78.0

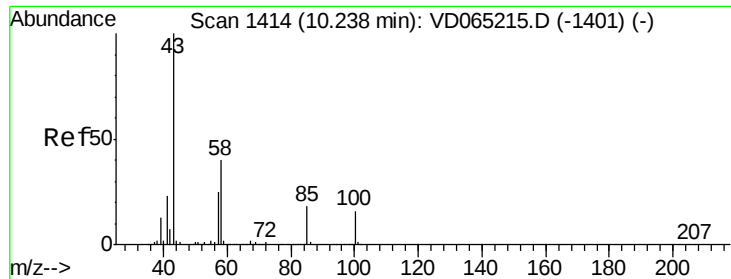


Abundance

Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 260.548 ug/l

RT: 10.24 min Scan# 1414

Delta R.T. -0.00 min

Lab File: VD065349.D

Acq: 27 Feb 2020 17:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 676062

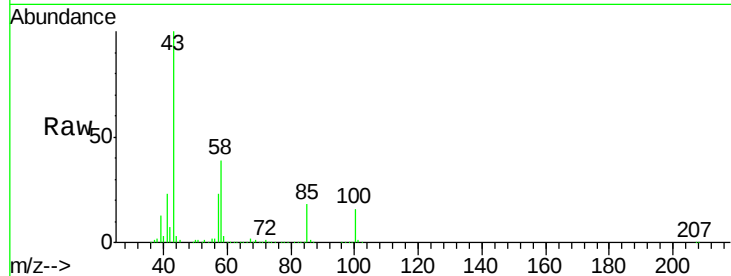
Ion Ratio Lower Upper

43 100

58 39.6 31.1 46.7

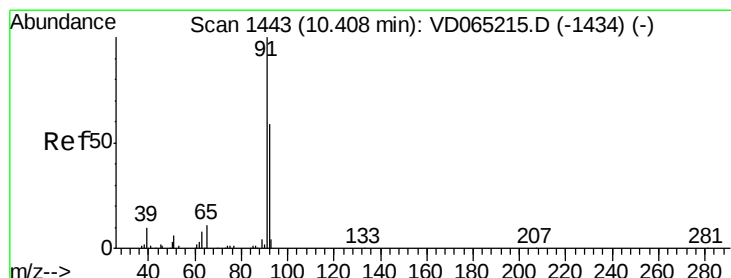
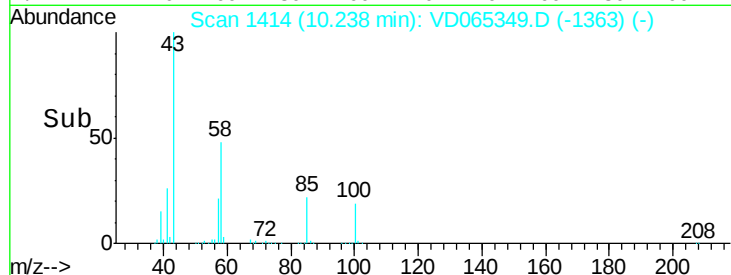
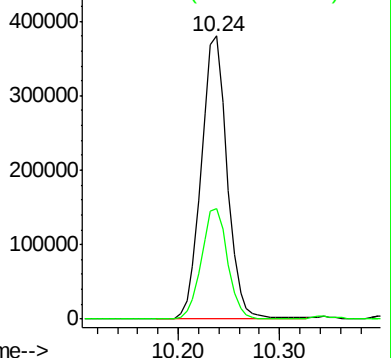
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 52.209 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD065349.D

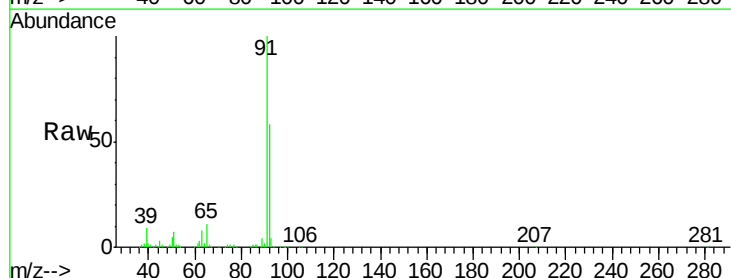
Acq: 27 Feb 2020 17:21

Tgt Ion: 92 Resp: 612986

Ion Ratio Lower Upper

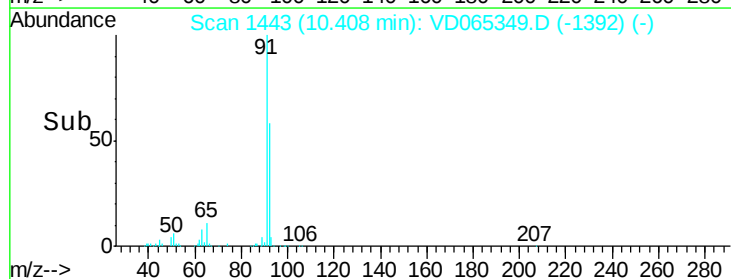
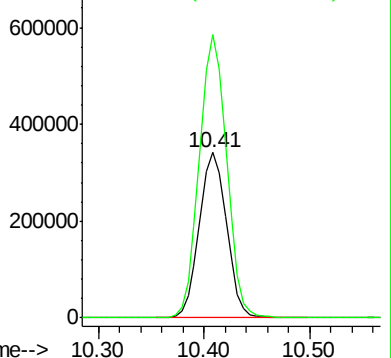
92 100

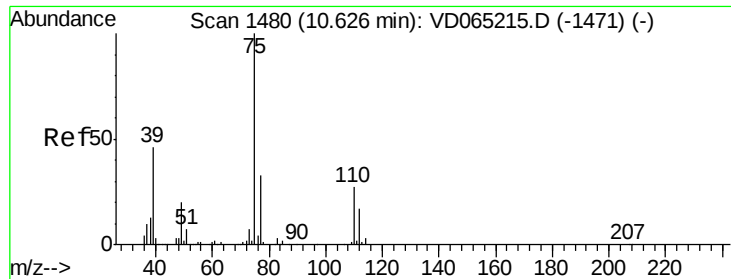
91 171.6 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





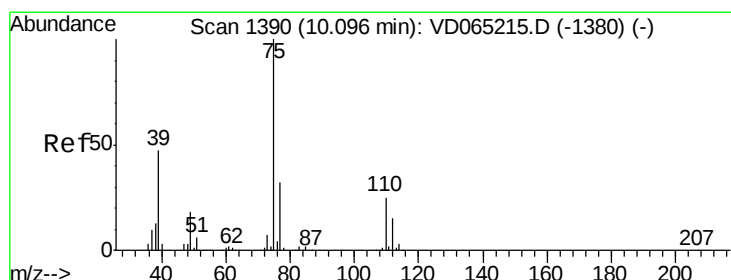
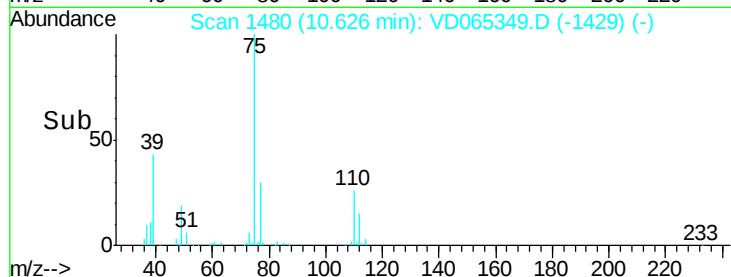
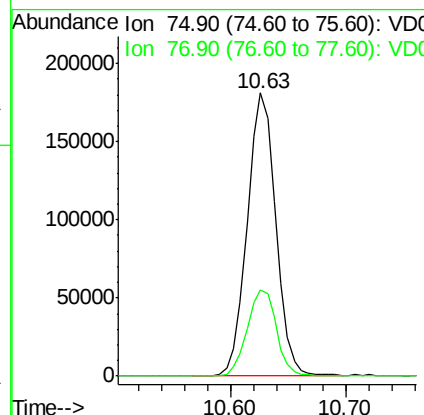
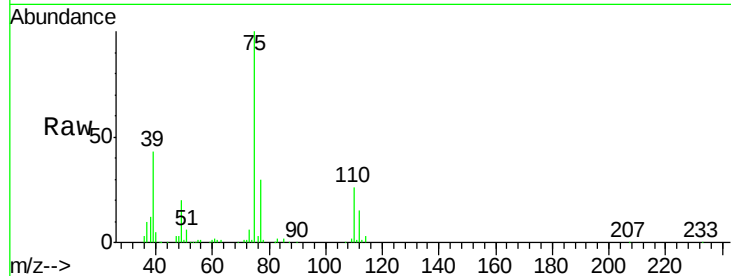
#53
t-1,3-Dichloropropene
Concen: 52.612 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VD065349.D
Acq: 27 Feb 2020 17:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 311886
Ion Ratio Lower Upper
75 100
77 30.4 26.6 40.0

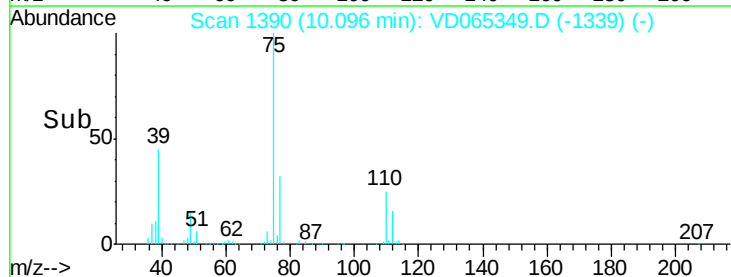
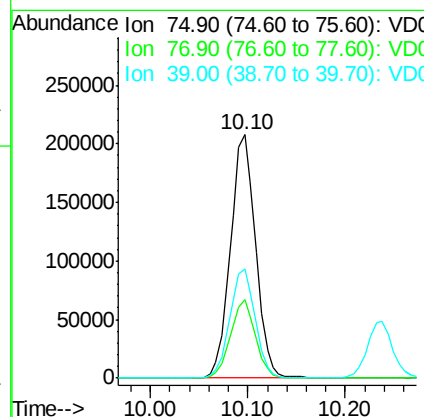
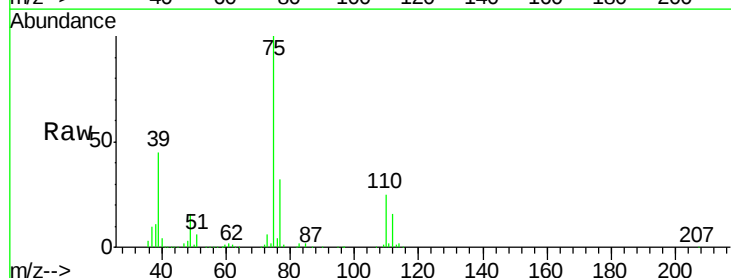
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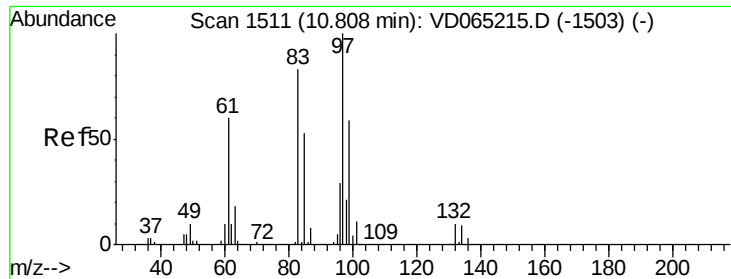
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 52.052 ug/l
RT: 10.10 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VD065349.D
Acq: 27 Feb 2020 17:21

Tgt Ion: 75 Resp: 372608
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.8
39 45.0 37.3 55.9





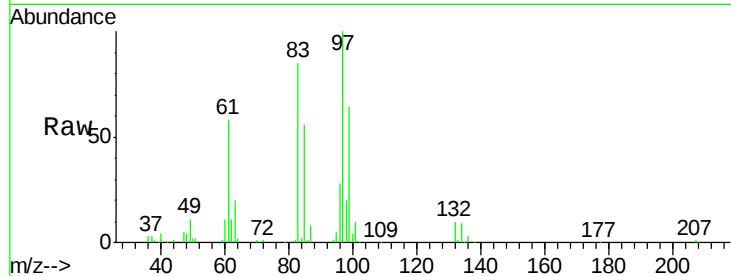
#55
 1,1,2-Trichloroethane
 Concen: 50.797 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. -0.00 min
 Lab File: VD065349.D
 Acq: 27 Feb 2020 17:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

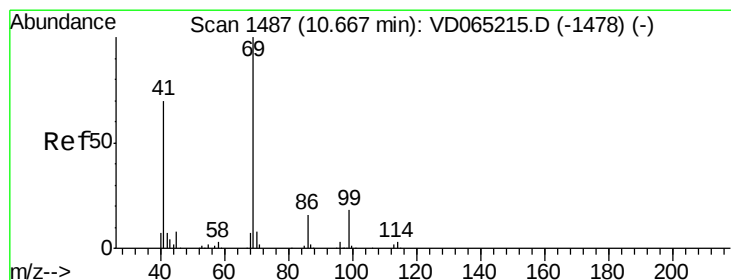
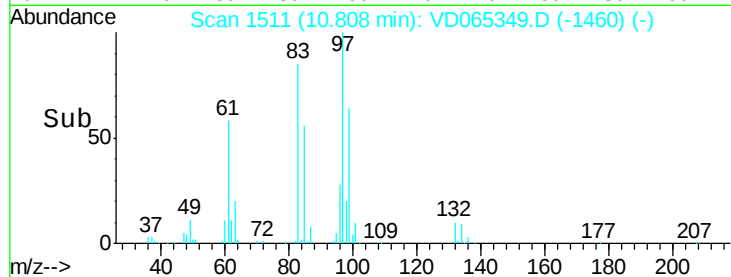
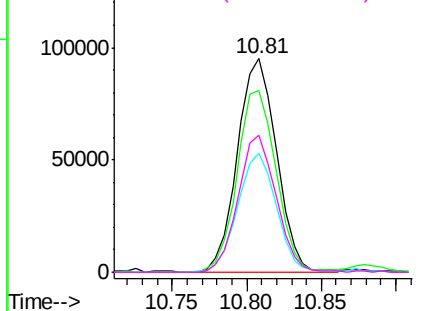
Tot Ion:	97	Resp:	173509
Ion	Ratio	Lower	Upper
97	100		
83	85.0	66.7	100.1
85	56.0	42.4	63.6
99	64.1	47.5	71.3

Manual Integrations
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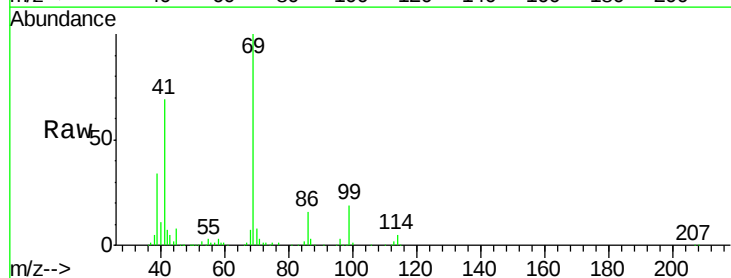


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

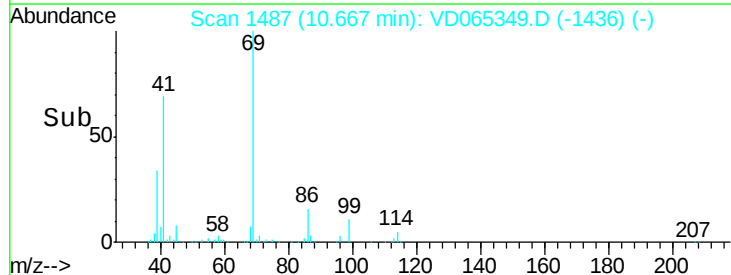
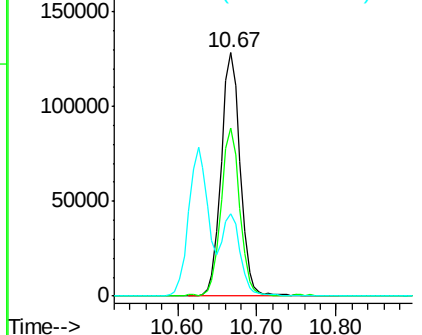


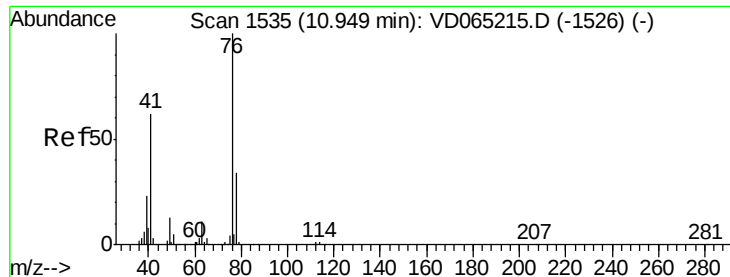
#56
 Ethyl methacrylate
 Concen: 54.264 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD065349.D
 Acq: 27 Feb 2020 17:21

Tgt Ion:	69	Resp:	213937
Ion	Ratio	Lower	Upper
69	100		
41	68.6	54.6	81.8
39	31.8	26.5	39.7



Abundance Ion 69.00 (68.70 to 69.70): VDC
 Ion 41.00 (40.70 to 41.70): VDC
 Ion 39.00 (38.70 to 39.70): VDC





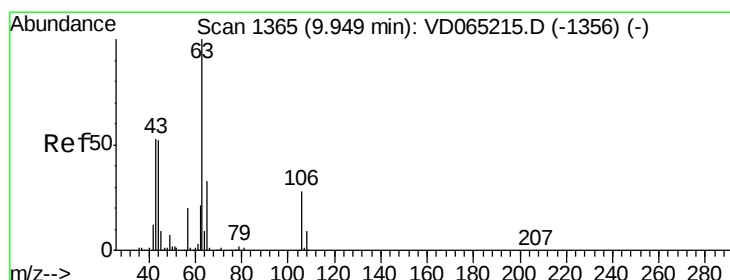
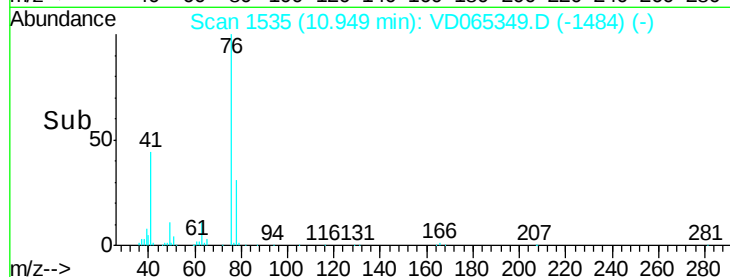
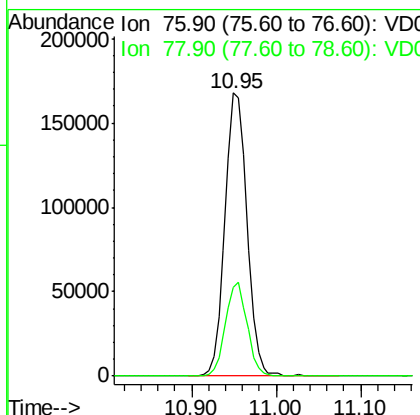
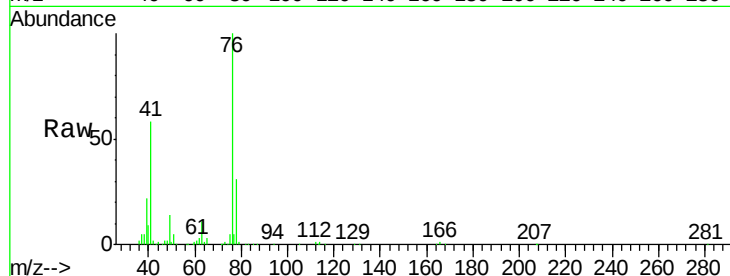
#57
 1,3-Dichloropropane
 Concen: 52.079 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065349.D
 Acq: 27 Feb 2020 17:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.3	39.5

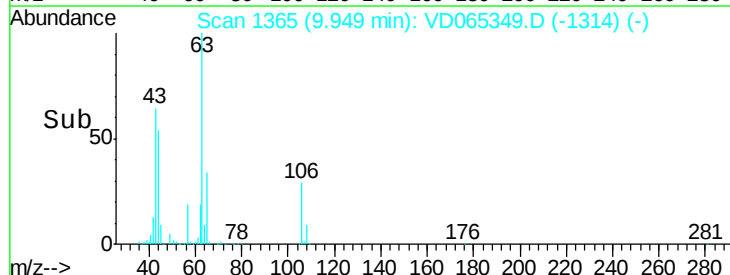
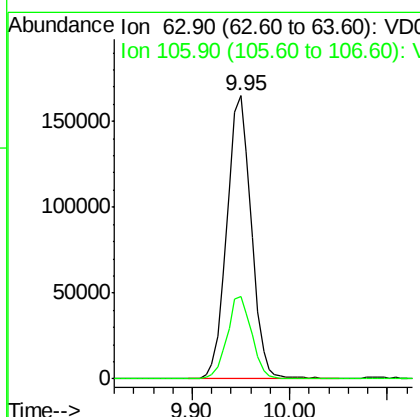
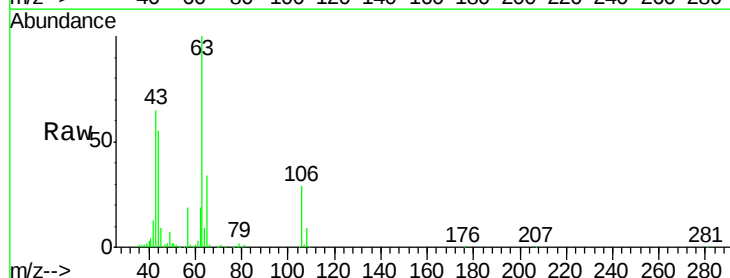
Manual Integrations
 APPROVED

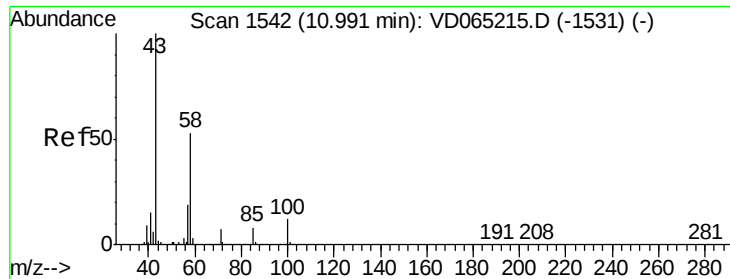
MMDadoda
 2/28/2020 9:59:12 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 230.744 ug/l
 RT: 9.95 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VD065349.D
 Acq: 27 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.1	22.8	34.2





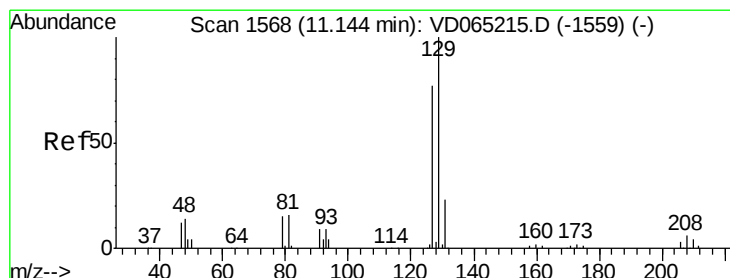
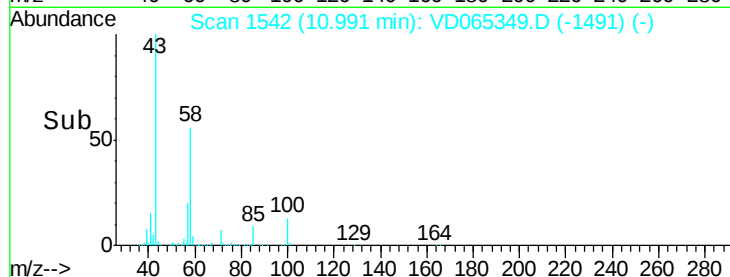
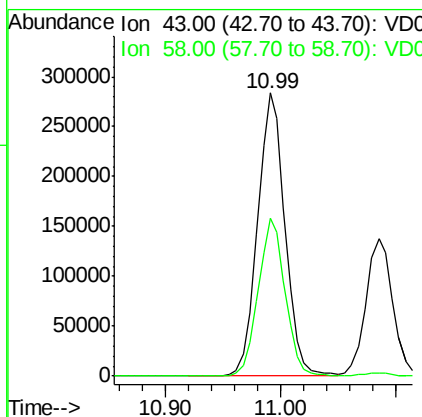
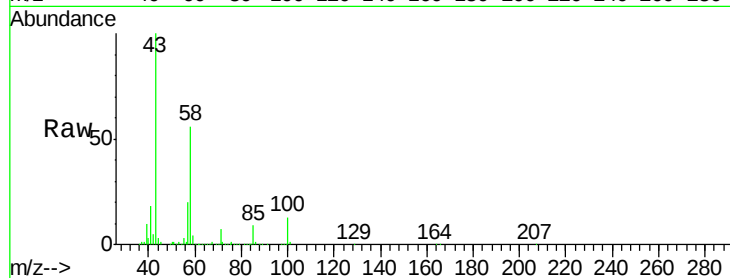
#59
2-Hexanone
Concen: 252.632 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065349.D
Acq: 27 Feb 2020 17:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	469248
Ion Ratio	Lower	Upper	
43	100		
58	54.9	26.3	78.8

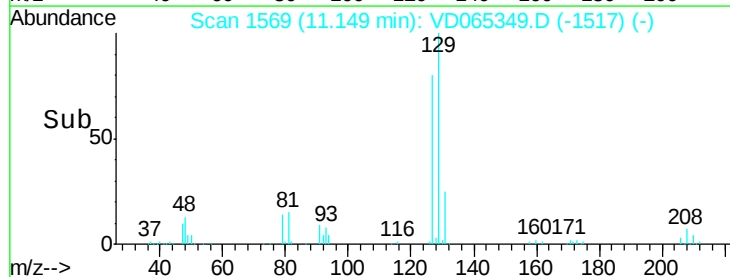
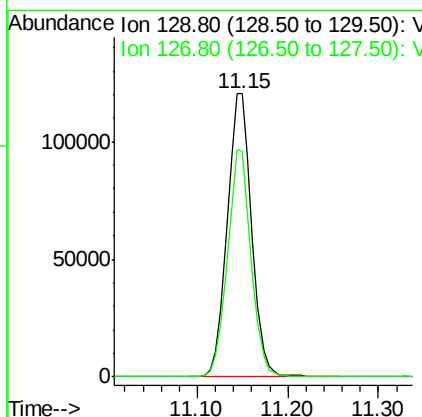
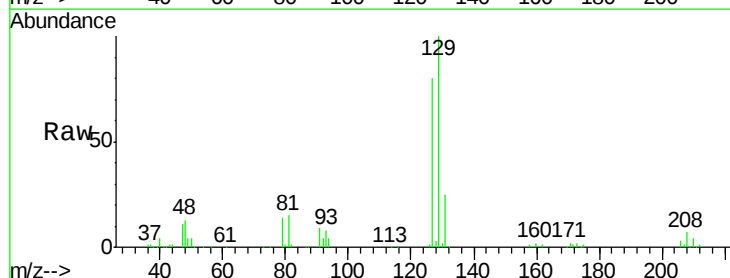
Manual Integrations
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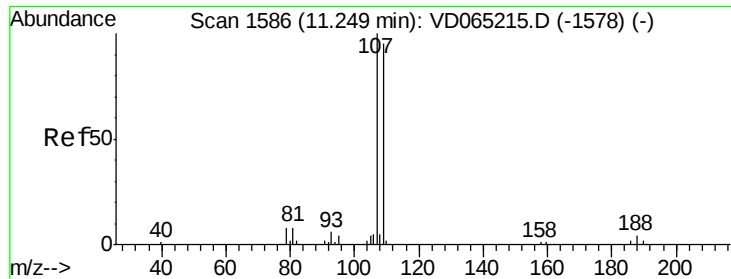
MMDadoda
2/28/2020 9:59:12 AM



#60
Dibromochloromethane
Concen: 51.471 ug/l
RT: 11.15 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VD065349.D
Acq: 27 Feb 2020 17:21

Tgt Ion	129	Resp	225025
Ion Ratio	Lower	Upper	
129	100		
127	77.7	38.7	116.1





#61

1,2-Dibromoethane

Concen: 51.835 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VD065349.D

Acq: 27 Feb 2020 17:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 167638

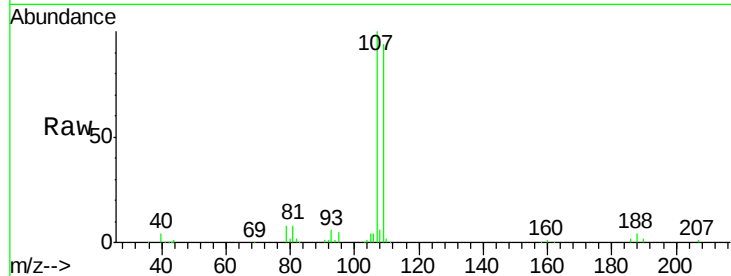
Ion Ratio Lower Upper

107 100

109 93.9 76.2 114.4

Manual Integrations
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.25

100000

80000

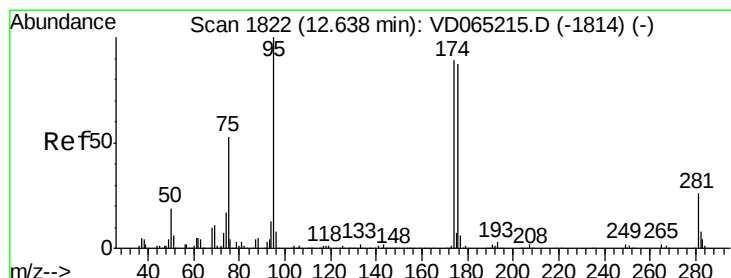
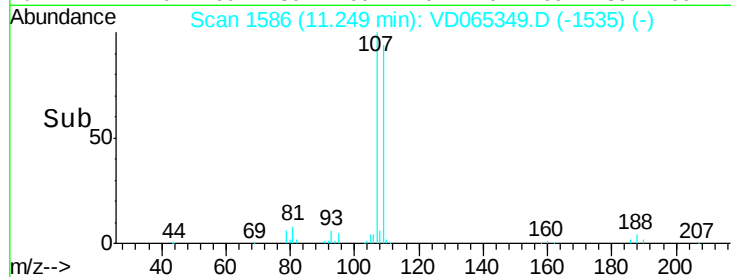
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.665 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065349.D

Acq: 27 Feb 2020 17:21

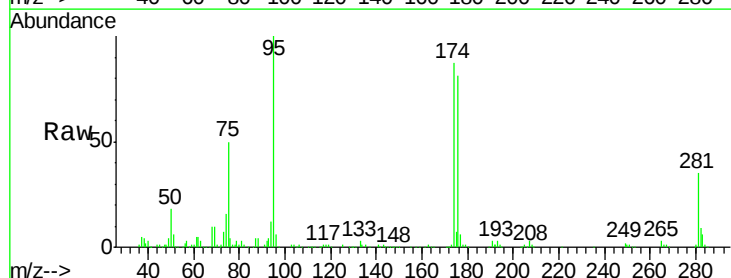
Tgt Ion: 95 Resp: 273696

Ion Ratio Lower Upper

95 100

174 87.8 0.0 178.0

176 84.9 0.0 174.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

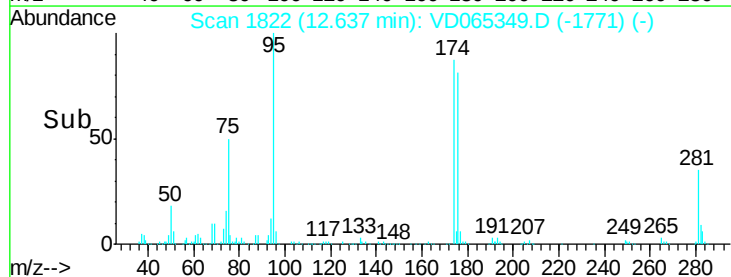
150000

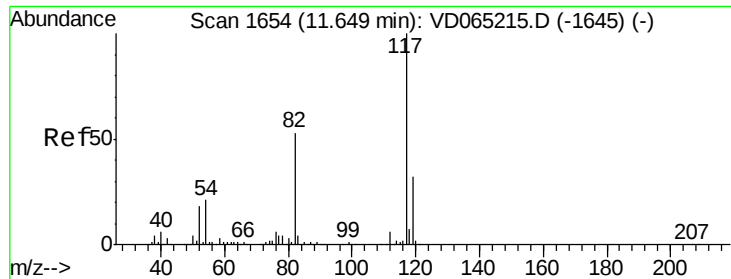
100000

50000

0

Time-->





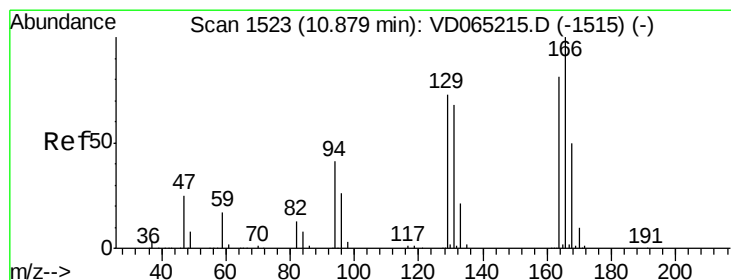
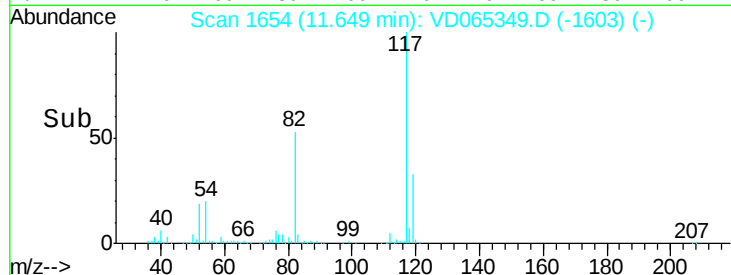
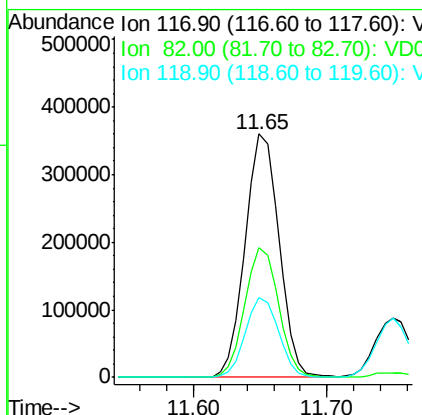
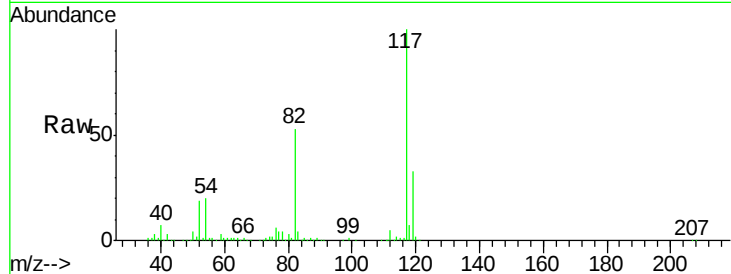
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065349.D
Acq: 27 Feb 2020 17:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.7	64.1
119	32.9	25.5	38.3

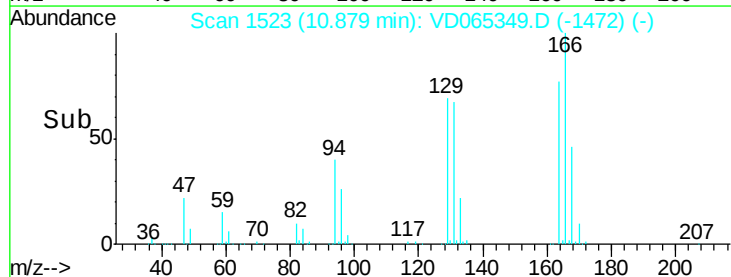
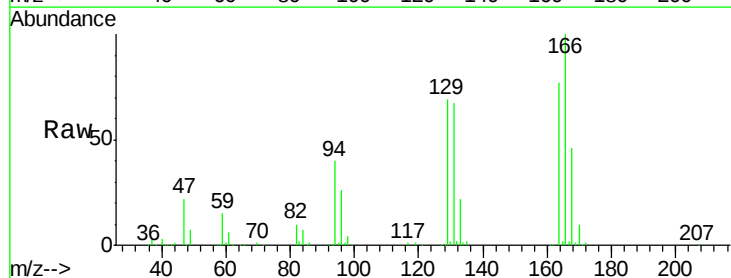
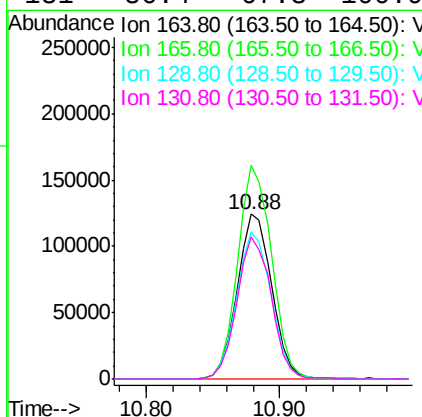
Manual Integrations
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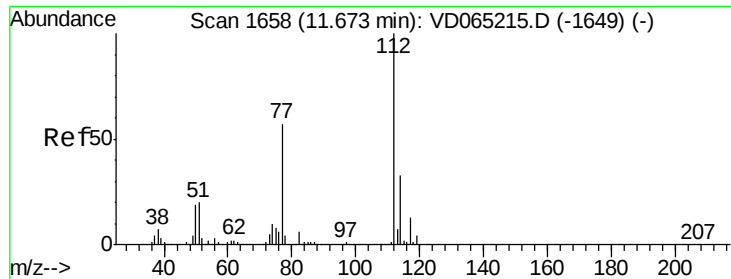
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#64
Tetrachloroethene
Concen: 49.421 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065349.D
Acq: 27 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.7	98.4	147.6
129	89.0	71.6	107.4
131	86.4	67.3	100.9





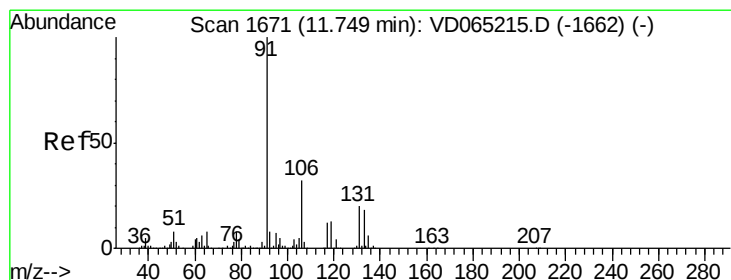
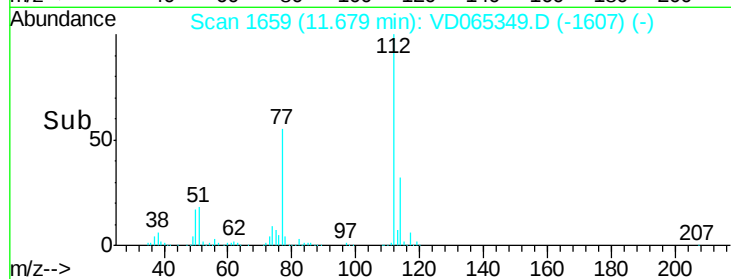
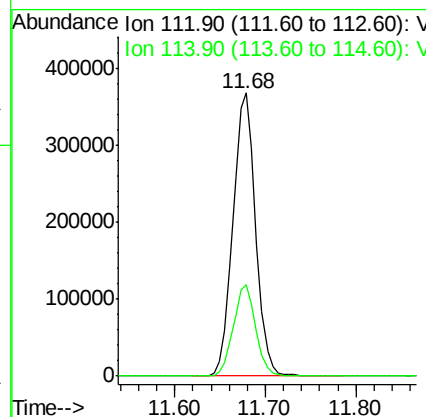
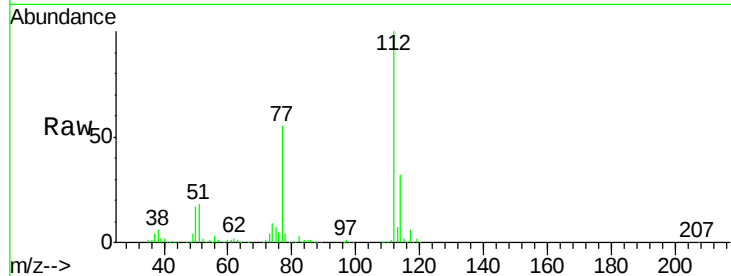
#65
Chlorobenzene
Concen: 50.187 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. 0.01 min
Lab File: VD065349.D
Acq: 27 Feb 2020 17:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	26.4	39.6

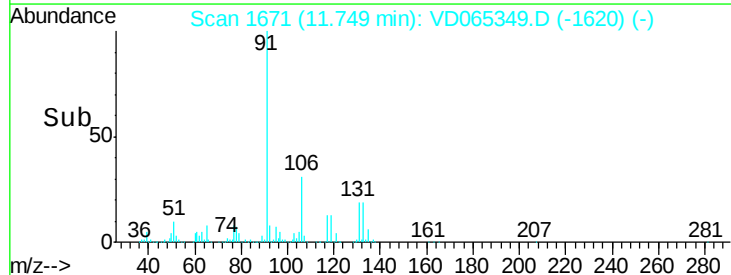
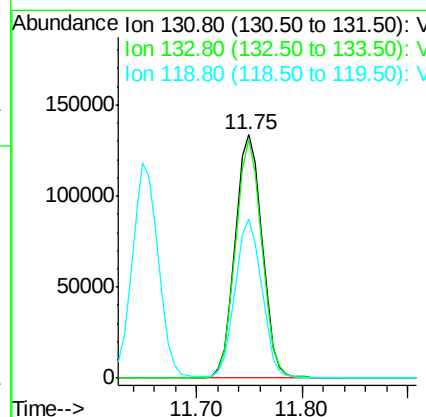
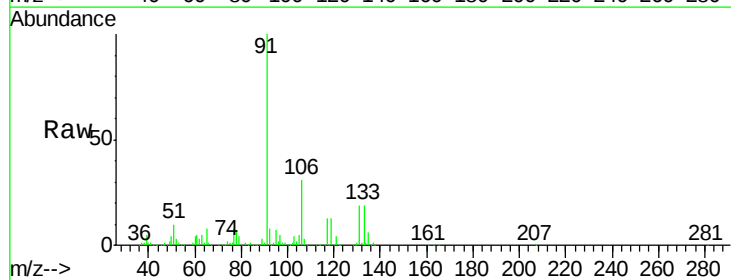
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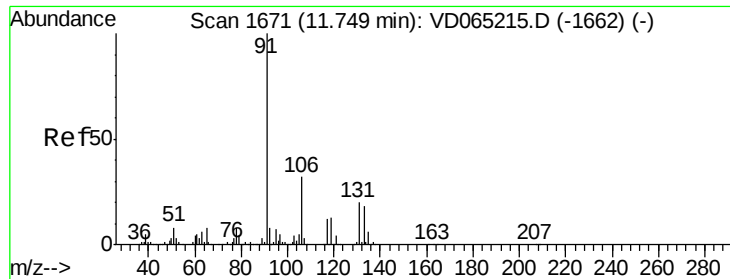
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.580 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065349.D
Acq: 27 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.7	143.1
119	65.2	32.7	98.1





#67

Ethyl Benzene

Concen: 51.273 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065349.D

Acq: 27 Feb 2020 17:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1142582

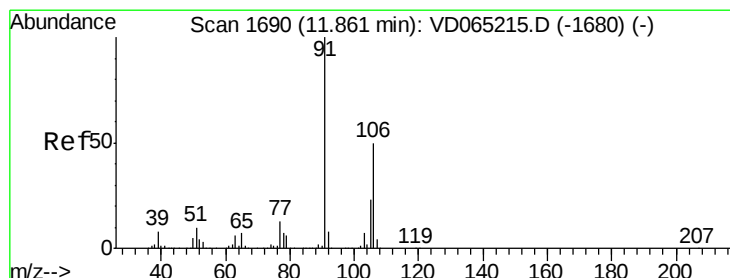
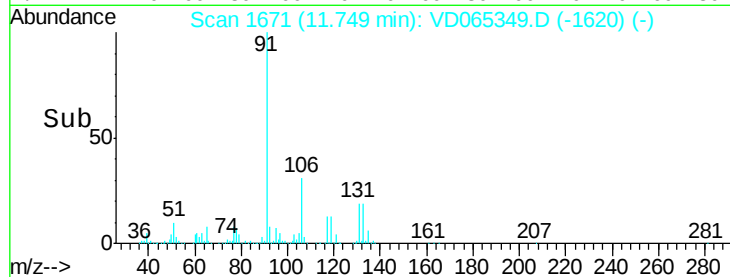
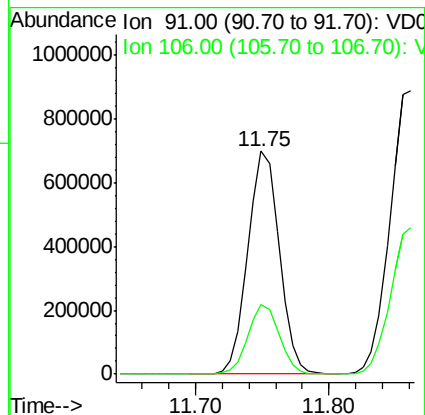
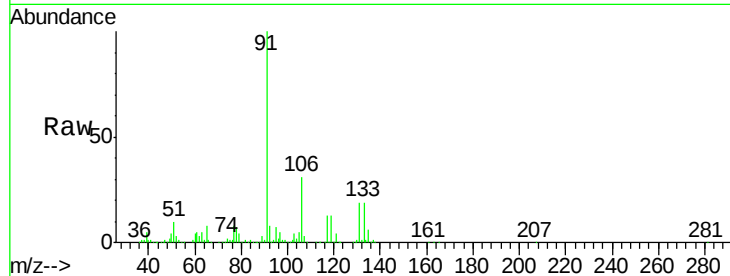
Ion Ratio Lower Upper

91 100

106 31.0 25.2 37.8

Manual Integrations
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#68

m/p-Xylenes

Concen: 102.787 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. -0.00 min

Lab File: VD065349.D

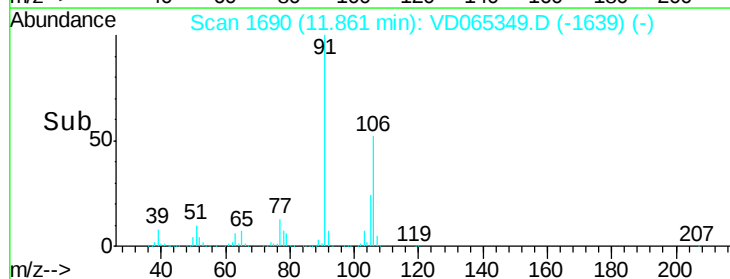
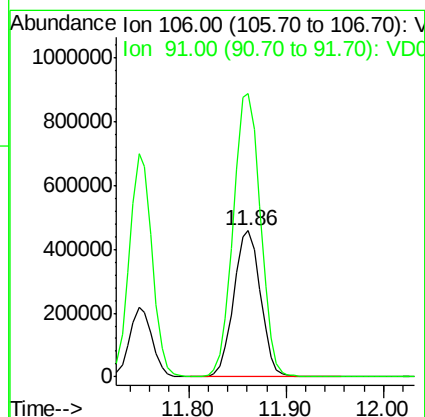
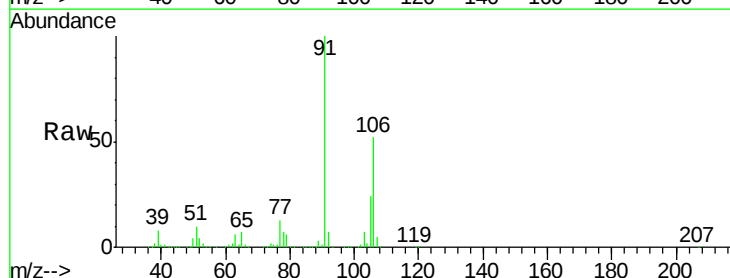
Acq: 27 Feb 2020 17:21

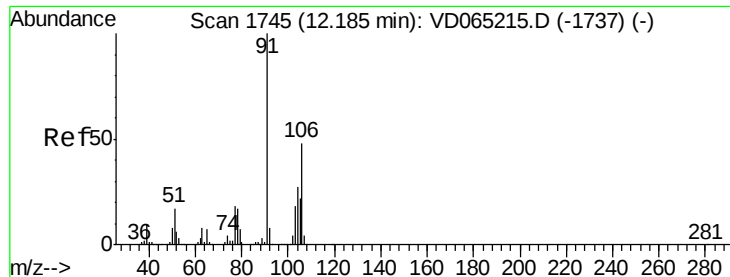
Tgt Ion: 106 Resp: 876334

Ion Ratio Lower Upper

106 100

91 196.9 158.2 237.4





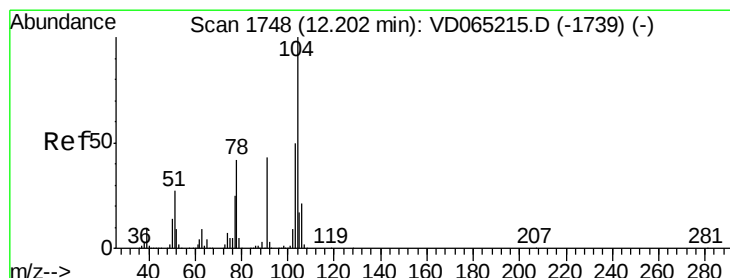
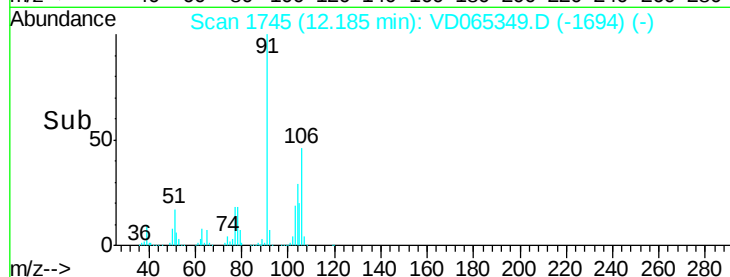
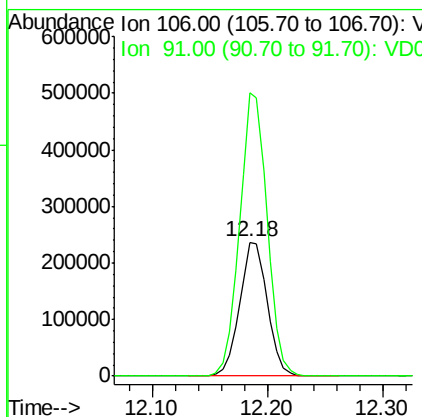
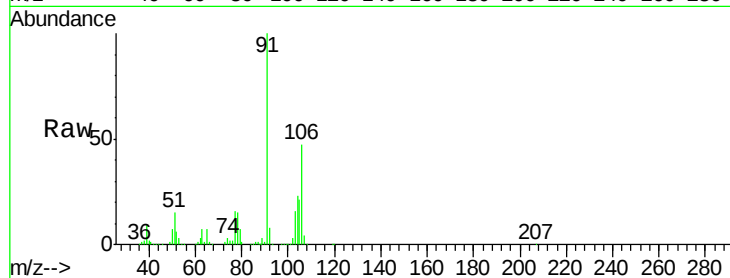
#69
o-Xylene
Concen: 52.039 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065349.D
Acq: 27 Feb 2020 17:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	210.5	104.7	313.9	

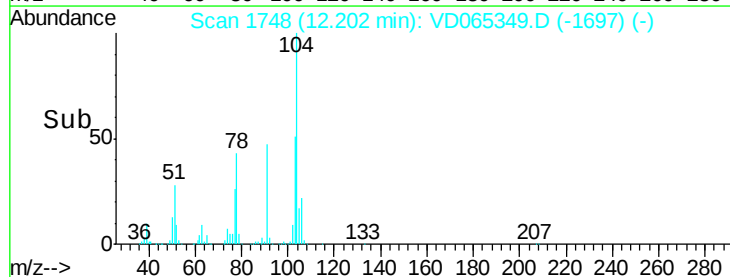
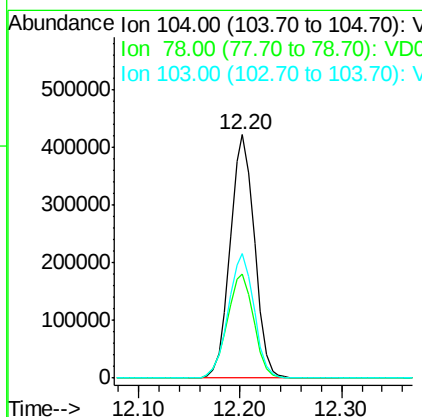
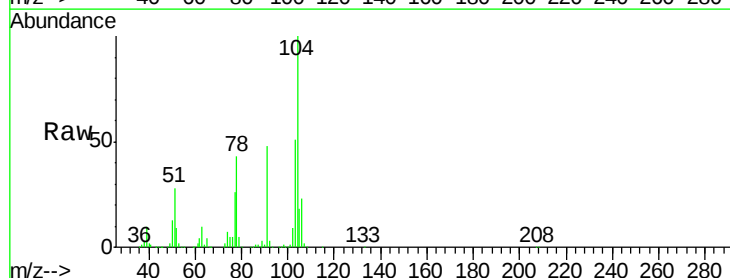
Manual Integrations
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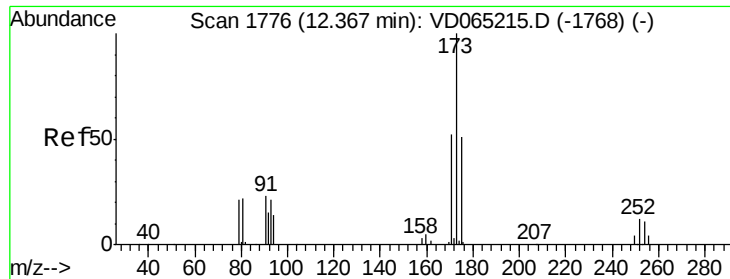
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#70
Styrene
Concen: 52.360 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD065349.D
Acq: 27 Feb 2020 17:21

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	46.6	37.8	56.6	
103	54.4	43.4	65.2	





#71

Bromoform

Concen: 51.015 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD065349.D

Acq: 27 Feb 2020 17:21

Instrument :

MSVOA_D

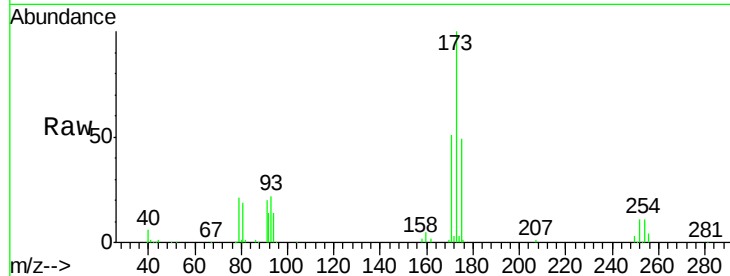
ClientSampleId :

VSTDCCC050EC

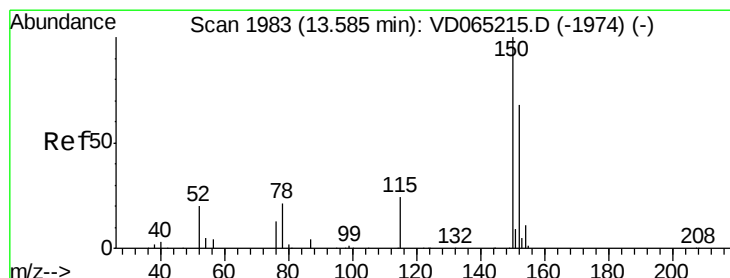
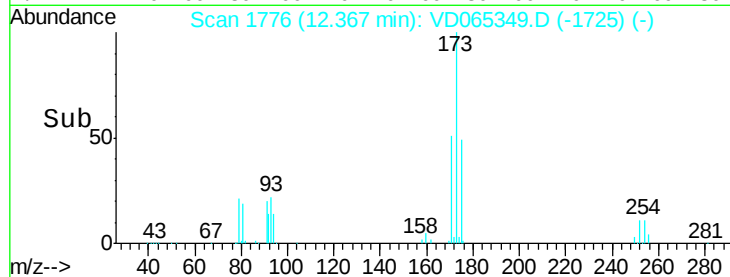
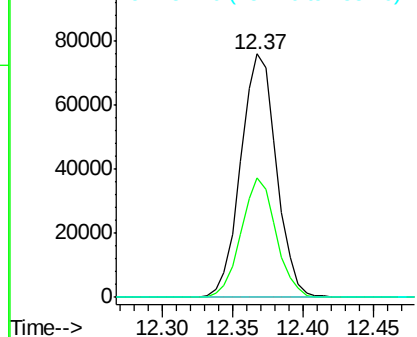
Tot Ion:	173	Resp:	134413
Ion Ratio	Lower	Upper	
173	100		
175	47.8	24.4	73.4
254	0.1	0.0	0.0#

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

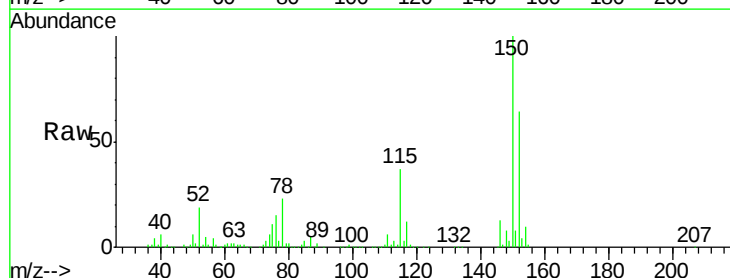
RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

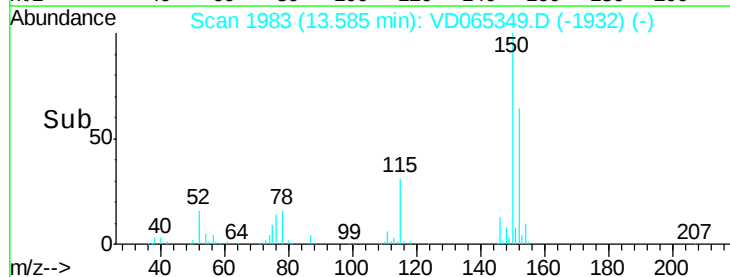
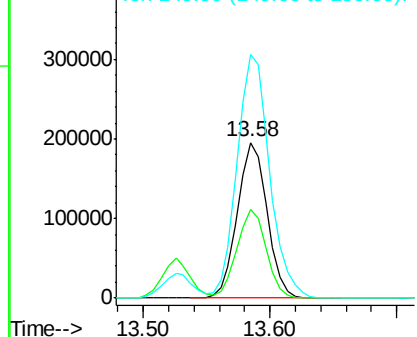
Lab File: VD065349.D

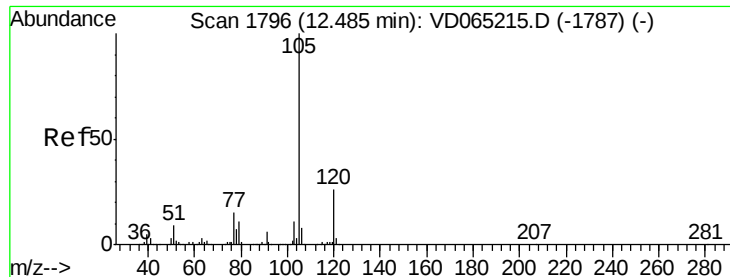
Acq: 27 Feb 2020 17:21

Tgt Ion:	152	Resp:	316118
Ion Ratio	Lower	Upper	
152	100		
115	56.1	27.6	82.8
150	171.8	0.0	347.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





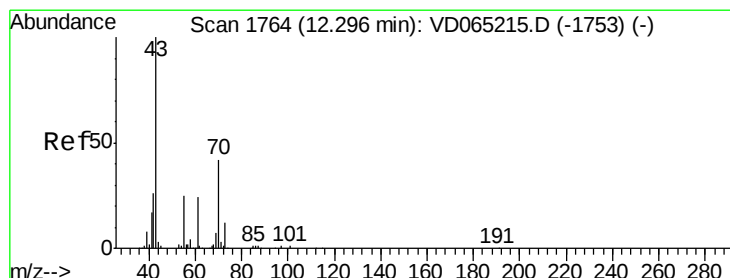
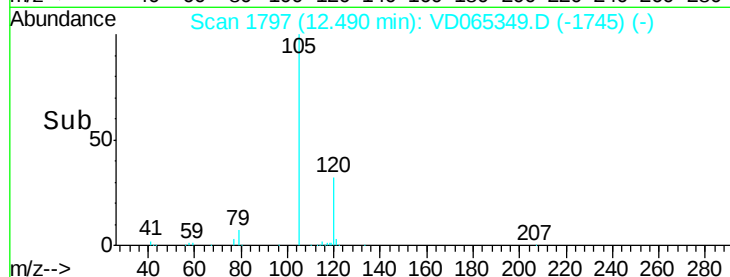
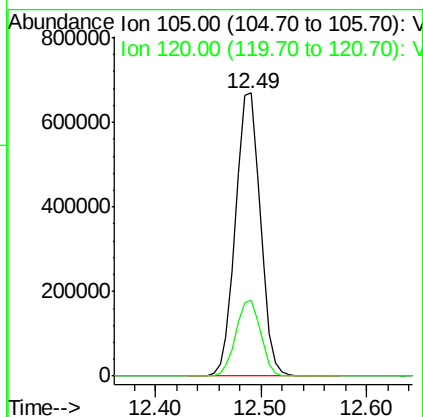
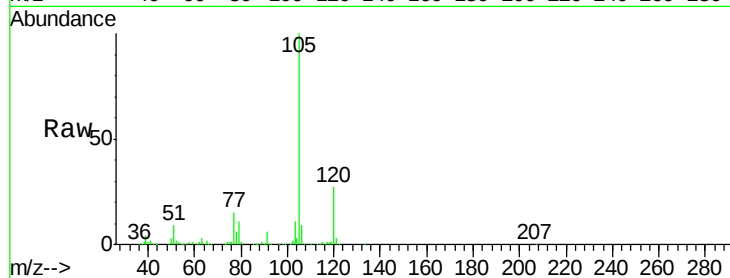
#73
Isopropylbenzene
Concen: 51.713 ug/l
RT: 12.49 min Scan# 1797
Delta R.T. 0.01 min
Lab File: VD065349.D
Acq: 27 Feb 2020 17:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 105 Resp: 1082270
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9

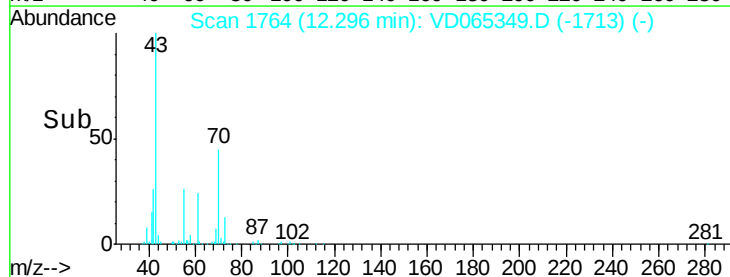
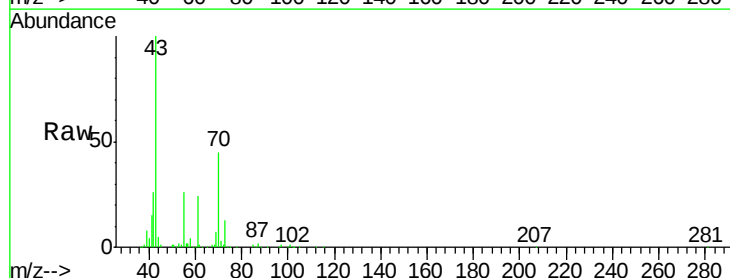
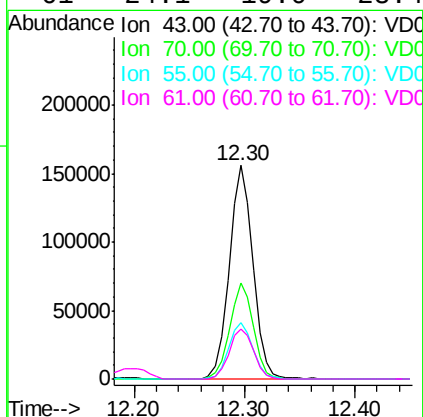
Manual Integrations
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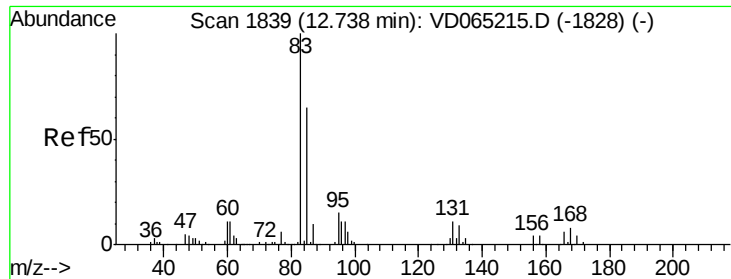
MMDadoda
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#74
N-ethyl acetate
Concen: 50.419 ug/l
RT: 12.30 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VD065349.D
Acq: 27 Feb 2020 17:21

Tgt Ion: 43 Resp: 234471
Ion Ratio Lower Upper
43 100
70 44.6 33.7 50.5
55 27.0 20.7 31.1
61 24.1 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 49.500 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065349.D

Acq: 27 Feb 2020 17:21

Instrument :

MSVOA_D

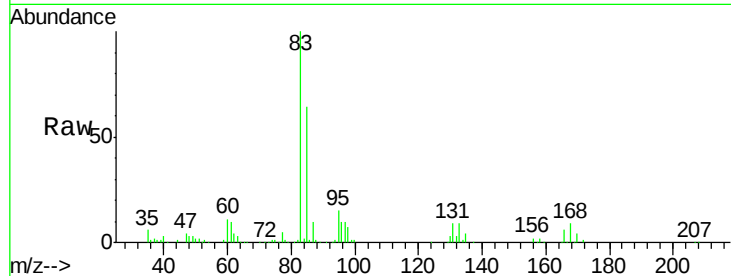
ClientSampleId :

VSTDCCC050EC

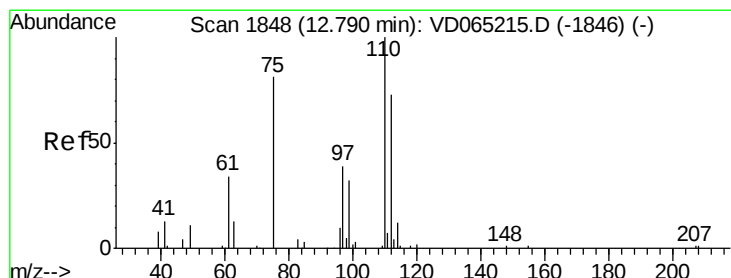
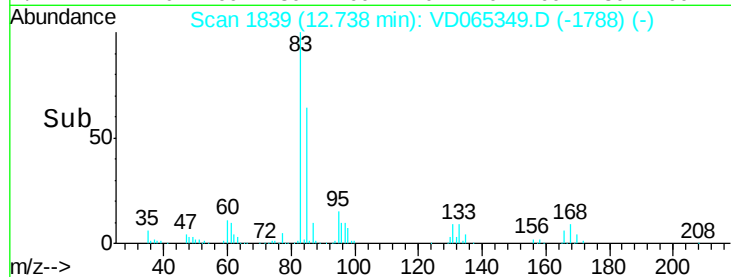
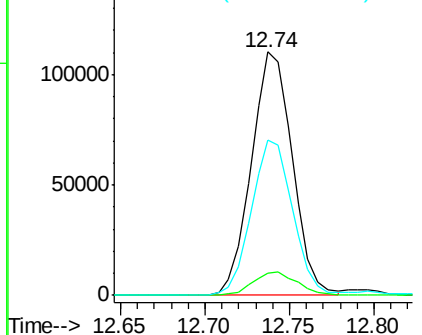
Tot Ion:	83	Resp:	186967
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.4	16.2
85	63.6	31.6	94.8

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Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 48.025 ug/l m

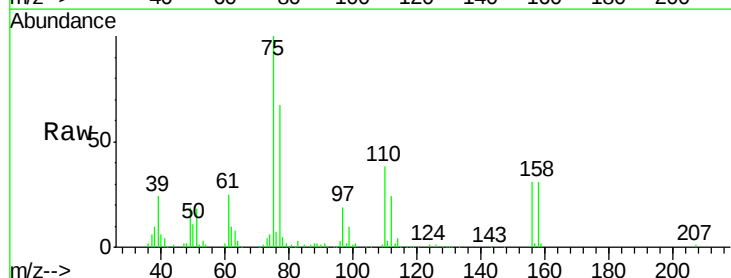
RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

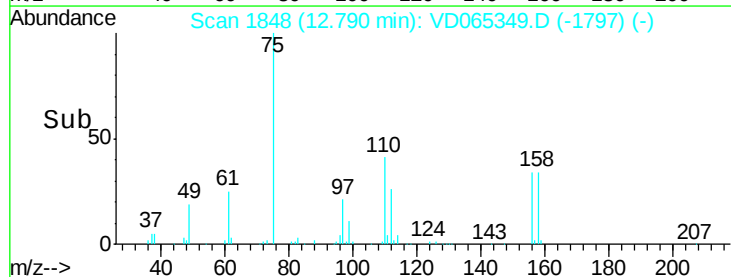
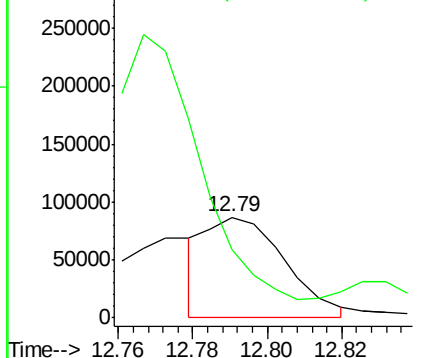
Lab File: VD065349.D

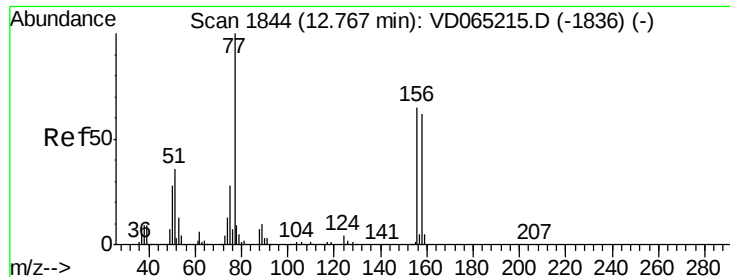
Acq: 27 Feb 2020 17:21

Tgt Ion:	75	Resp:	129168
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 50.599 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065349.D

Acq: 27 Feb 2020 17:21

Instrument :

MSVOA_D

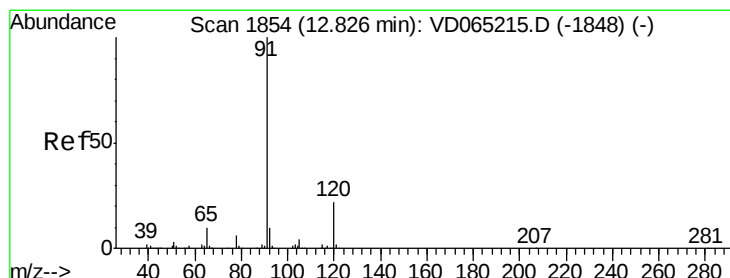
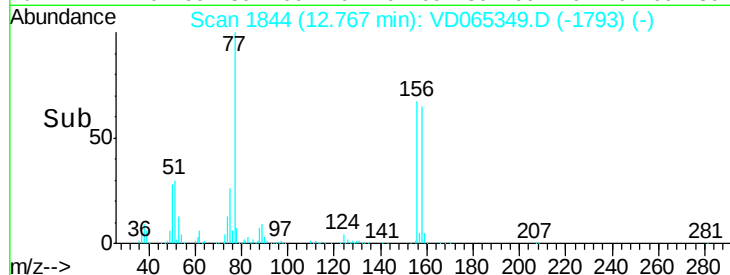
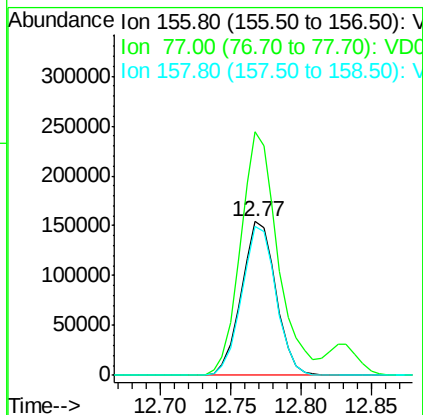
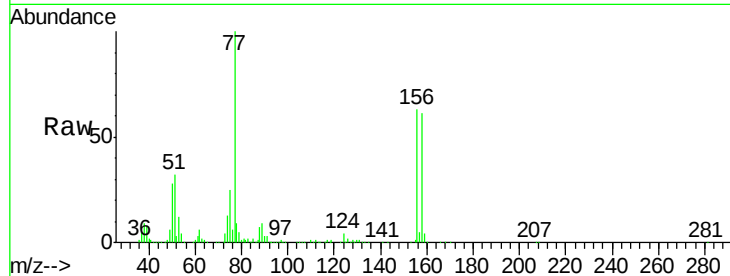
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	262960
Ion	Ratio	Lower	Upper
156	100		
77	170.9	86.6	259.7
158	96.0	48.1	144.3

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#78

n-propylbenzene

Concen: 51.227 ug/l

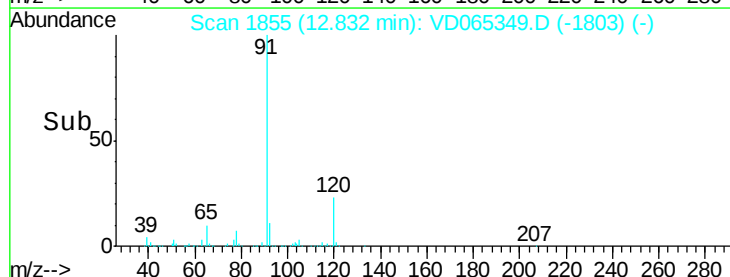
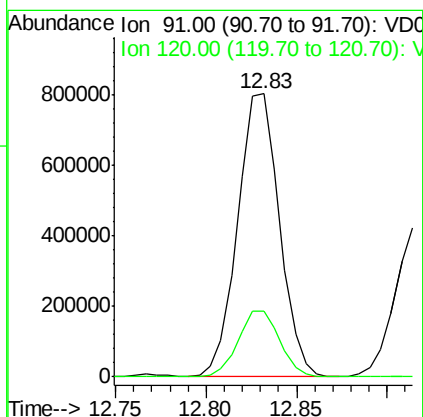
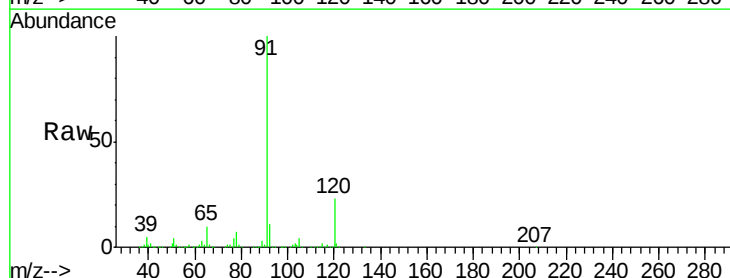
RT: 12.83 min Scan# 1855

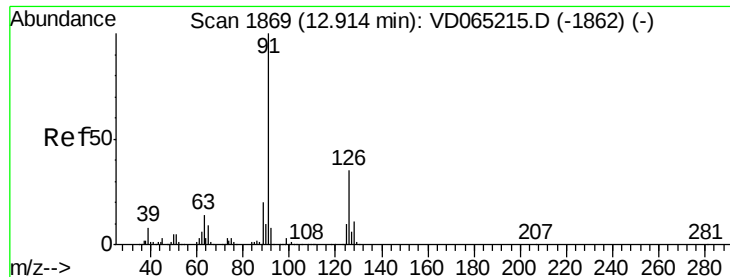
Delta R.T. 0.01 min

Lab File: VD065349.D

Acq: 27 Feb 2020 17:21

Tgt Ion:	91	Resp:	1288378
Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.5	34.5





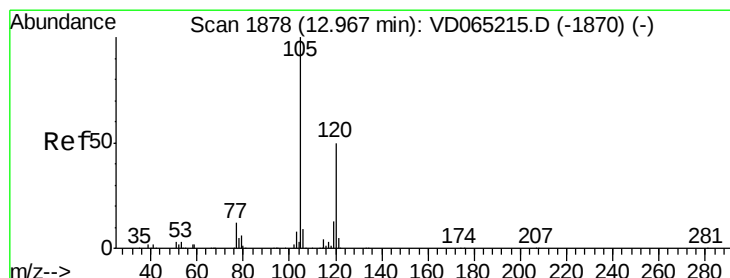
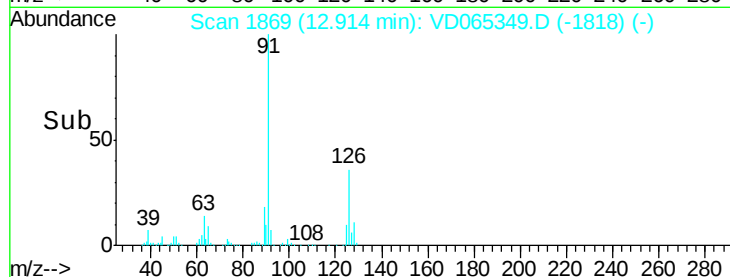
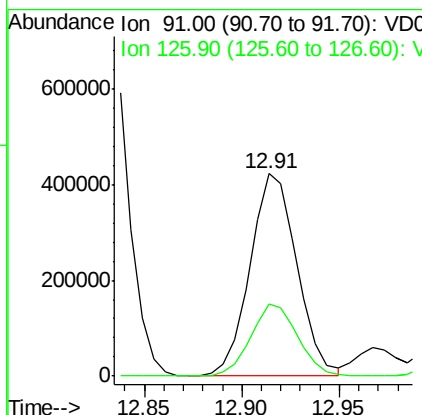
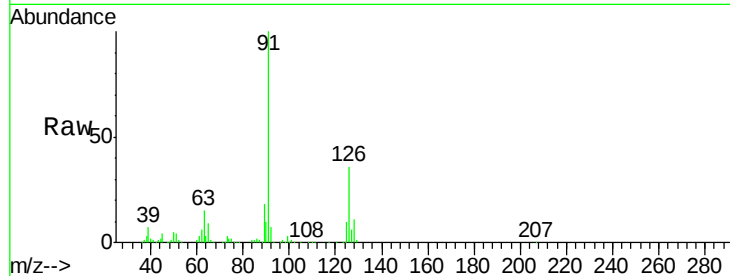
#79
 2-Chlorotoluene
 Concen: 49.937 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD065349.D
 Acq: 27 Feb 2020 17:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 703577
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.5 52.6

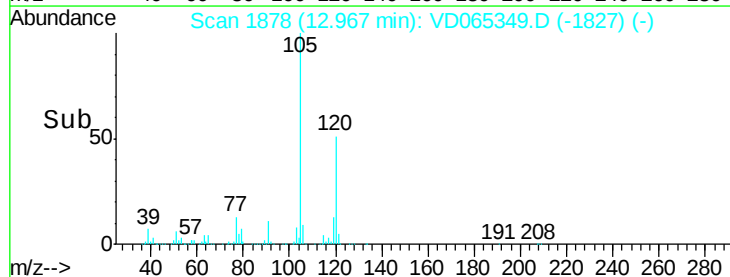
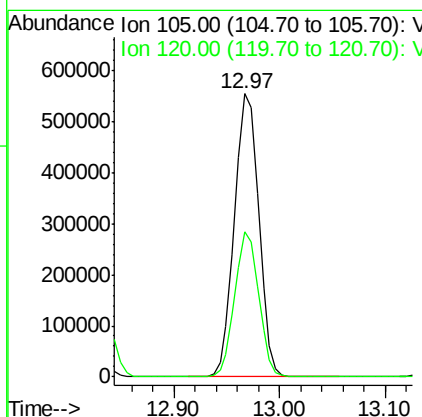
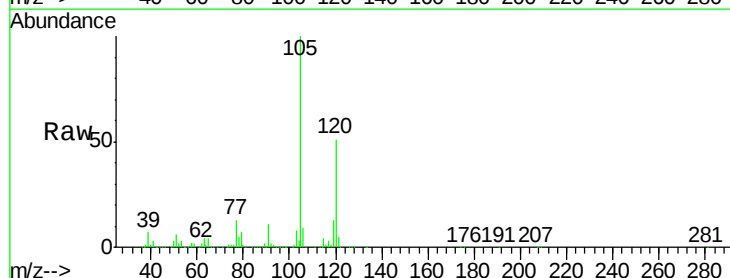
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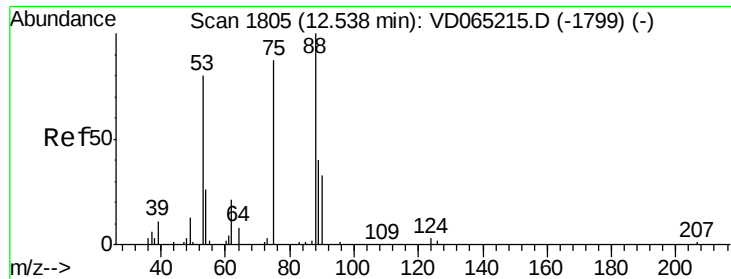
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#80
 1,3,5-Trimethylbenzene
 Concen: 51.407 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VD065349.D
 Acq: 27 Feb 2020 17:21

Tgt Ion: 105 Resp: 886117
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.4 76.4





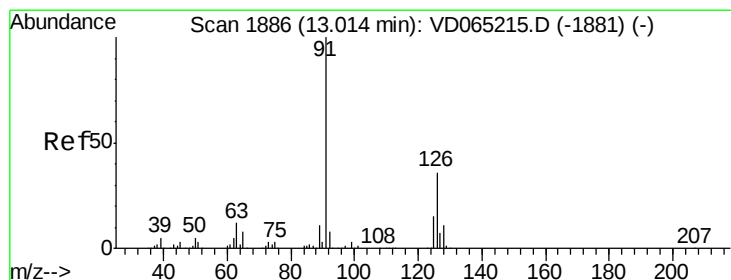
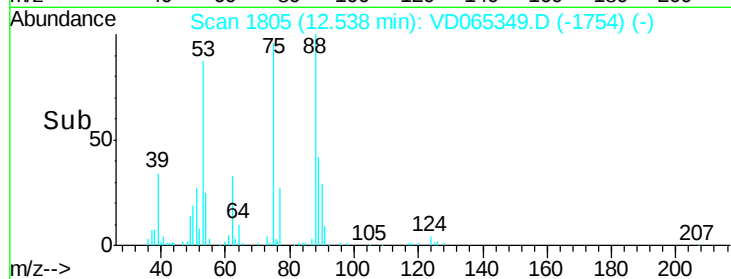
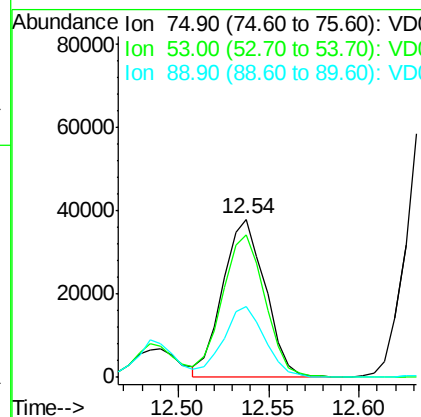
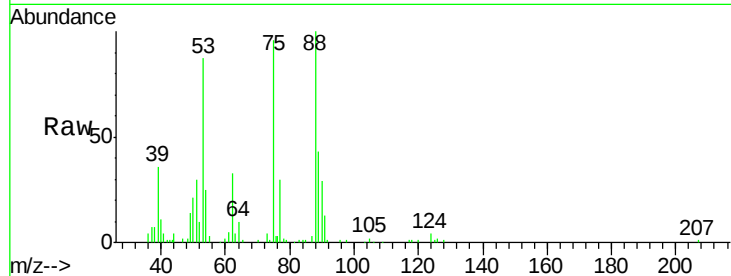
#81
trans-1,4-Dichloro-2-butene
Concen: 49.782 ug/l
RT: 12.54 min Scan# 1805
Delta R.T. -0.00 min
Lab File: VD065349.D
Acq: 27 Feb 2020 17:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.8	77.6	116.4
89	44.3	37.2	55.8

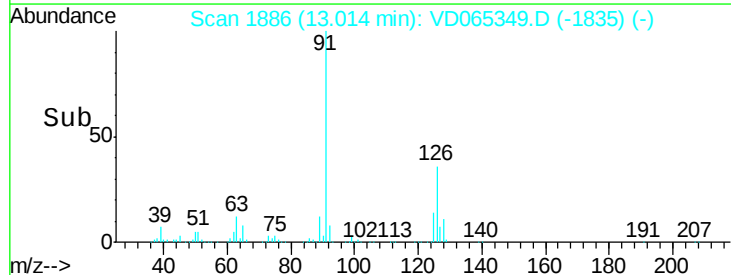
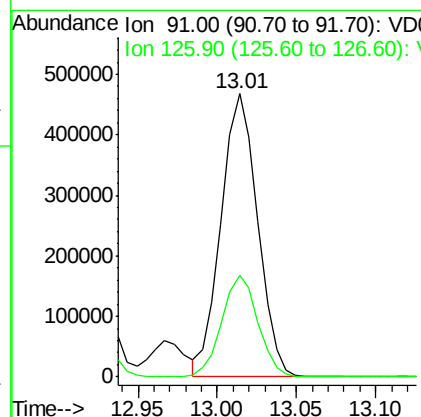
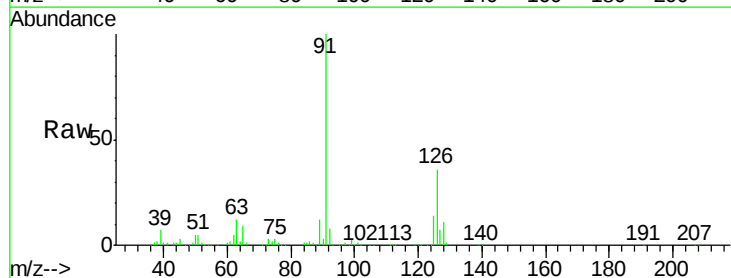
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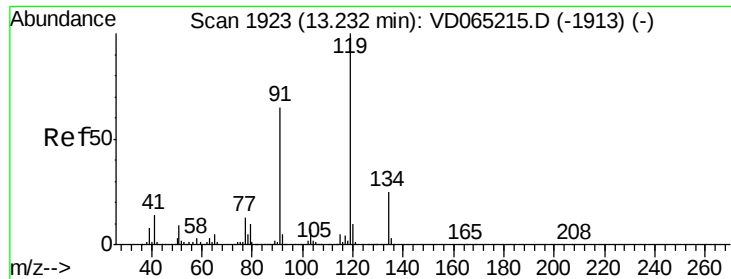
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#82
4-Chlorotoluene
Concen: 49.924 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VD065349.D
Acq: 27 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.6	17.4	52.3





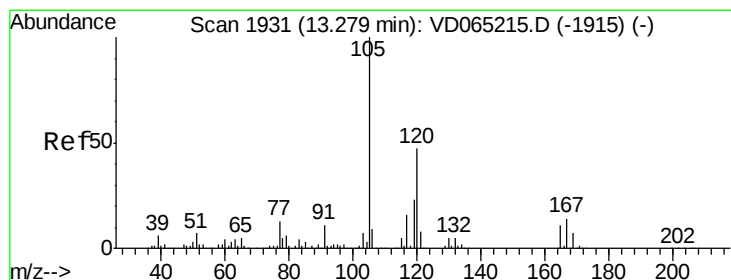
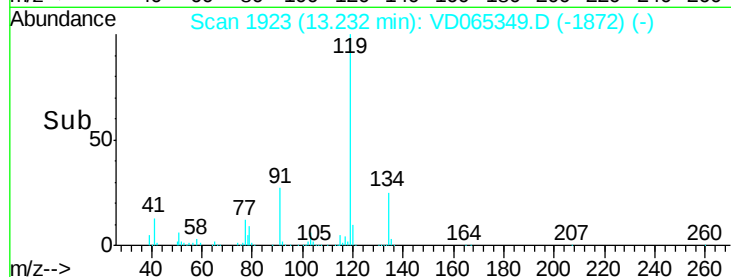
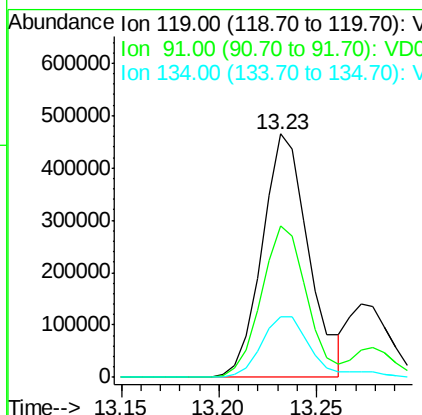
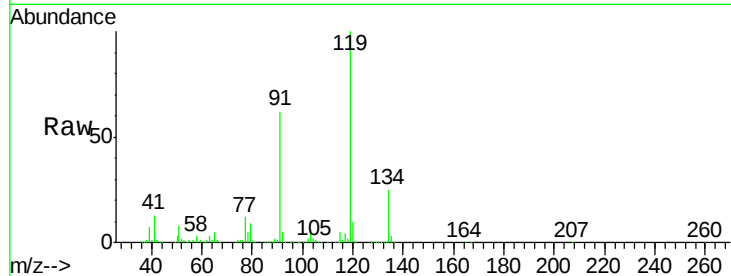
#83
tert-Butylbenzene
Concen: 53.112 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VD065349.D
Acq: 27 Feb 2020 17:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.8	31.9	95.5
134	27.3	13.8	41.3

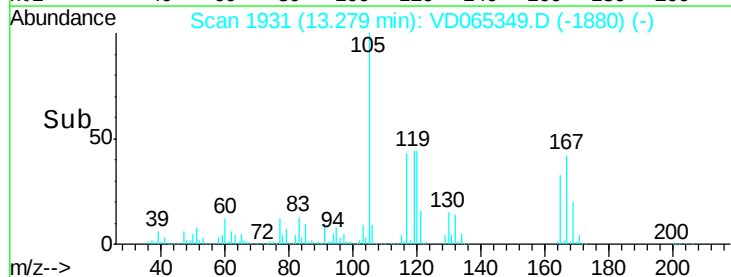
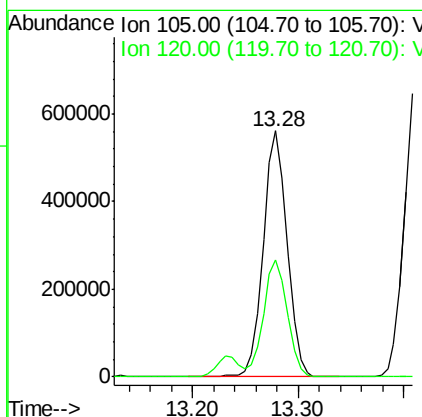
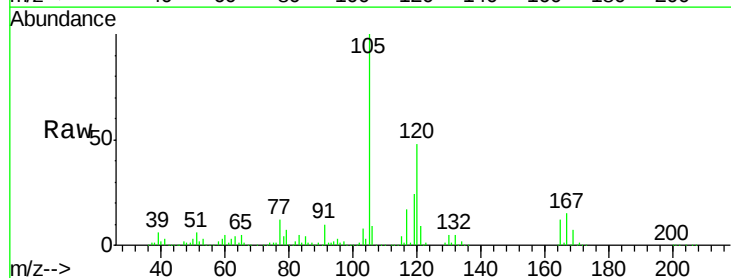
Manual Integrations
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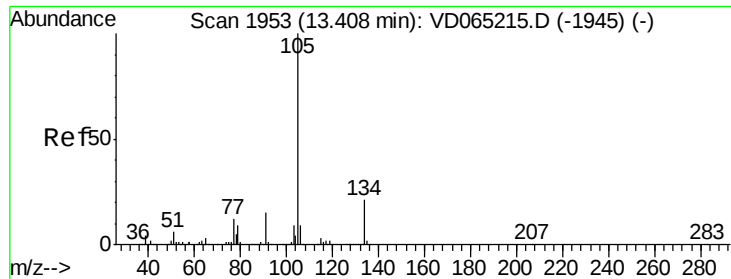
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#84
1,2,4-Trimethylbenzene
Concen: 51.022 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. -0.00 min
Lab File: VD065349.D
Acq: 27 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.3	69.9





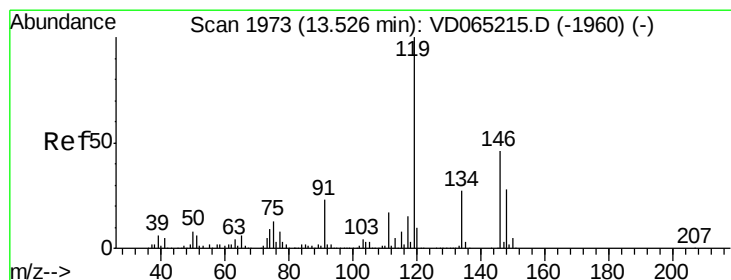
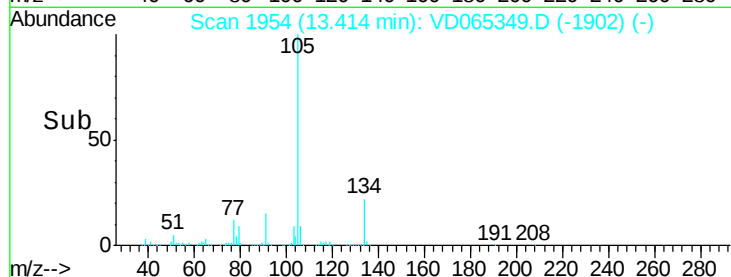
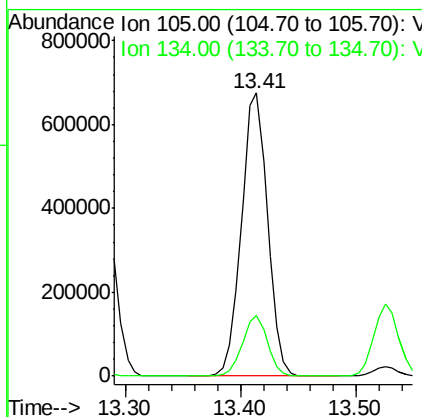
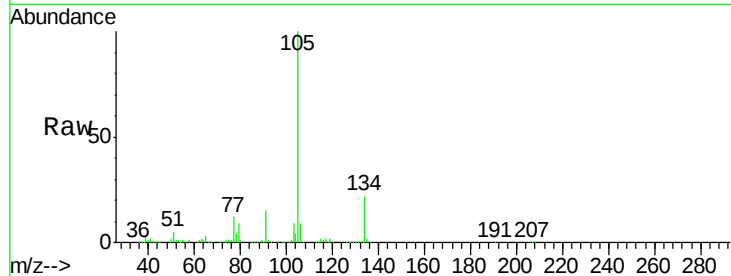
#85
 sec-Butylbenzene
 Concen: 50.923 ug/l
 RT: 13.41 min Scan# 1954
 Delta R.T. 0.01 min
 Lab File: VD065349.D
 Acq: 27 Feb 2020 17:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.7	10.3	30.9

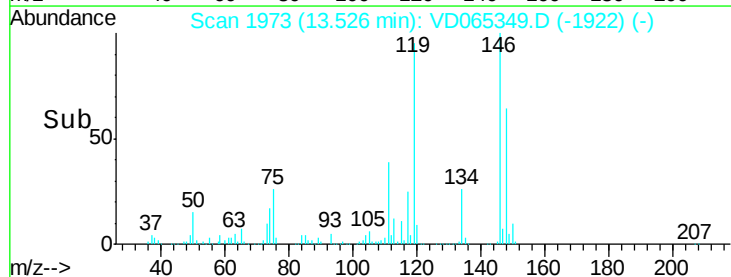
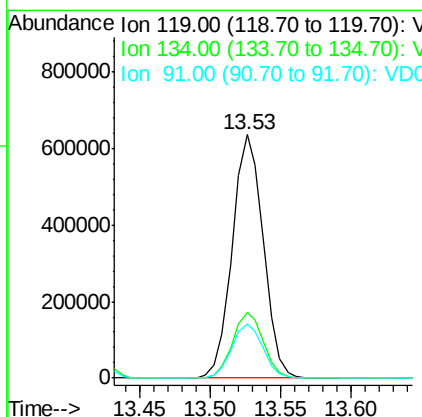
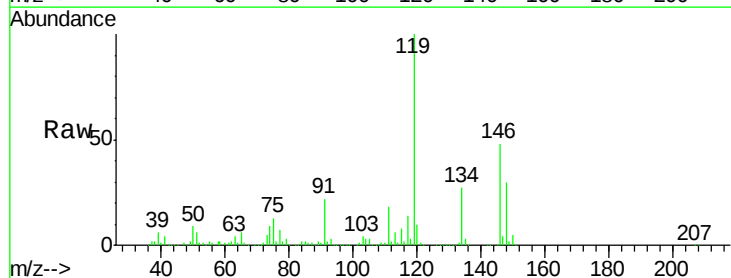
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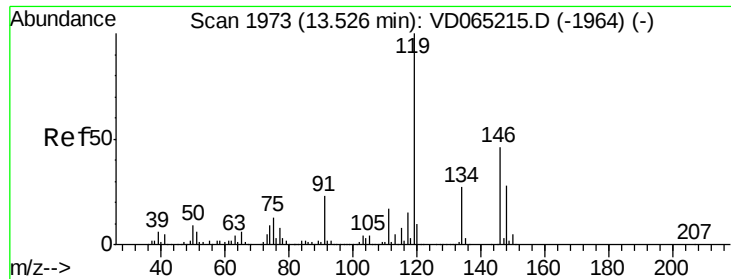
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#86
 p-Isopropyltoluene
 Concen: 50.947 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD065349.D
 Acq: 27 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.3	39.8
91	22.1	11.1	33.1





#87

1,3-Dichlorobenzene

Concen: 48.805 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065349.D

Acq: 27 Feb 2020 17:21

Instrument :

MSVOA_D

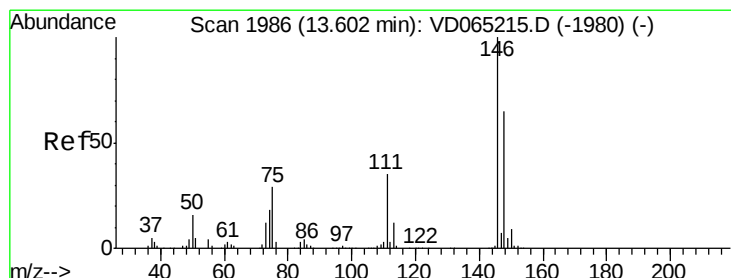
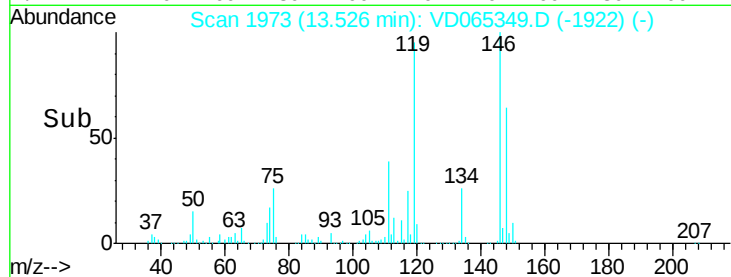
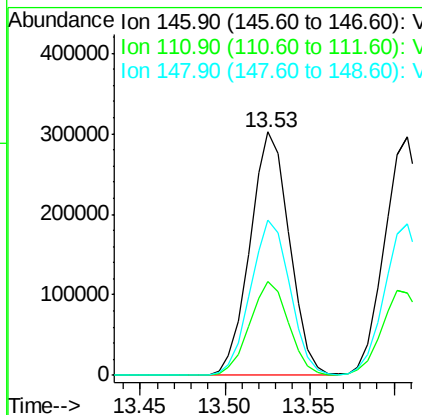
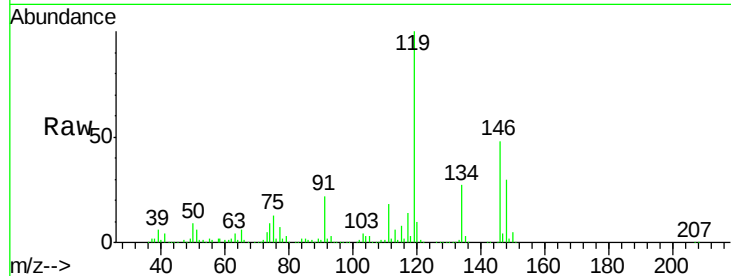
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	490331
Ion Ratio	Lower	Upper	
146	100		
111	38.0	18.6	55.8
148	64.2	31.4	94.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.777 ug/l

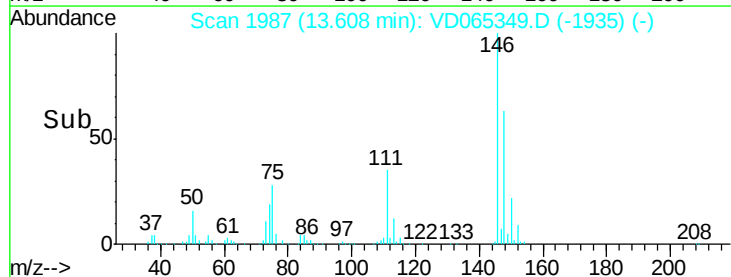
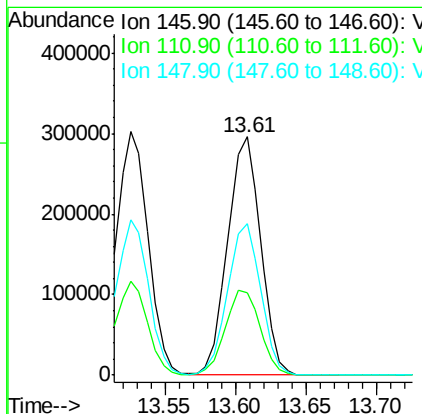
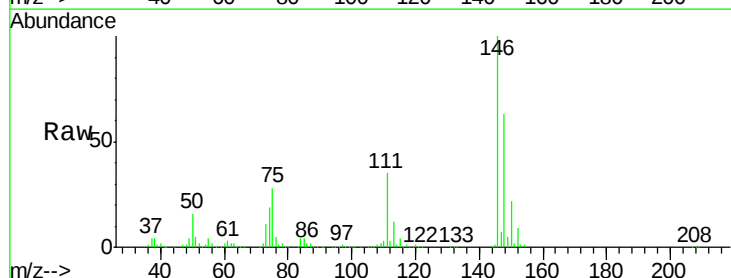
RT: 13.61 min Scan# 1987

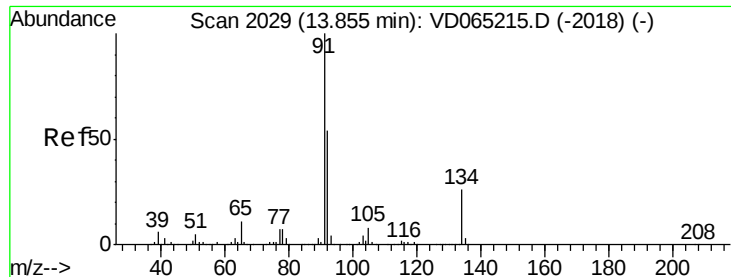
Delta R.T. 0.01 min

Lab File: VD065349.D

Acq: 27 Feb 2020 17:21

Tgt Ion:	146	Resp:	483655
Ion Ratio	Lower	Upper	
146	100		
111	37.4	18.4	55.2
148	63.8	32.1	96.5





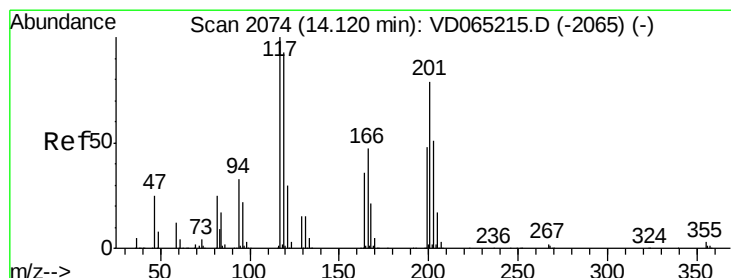
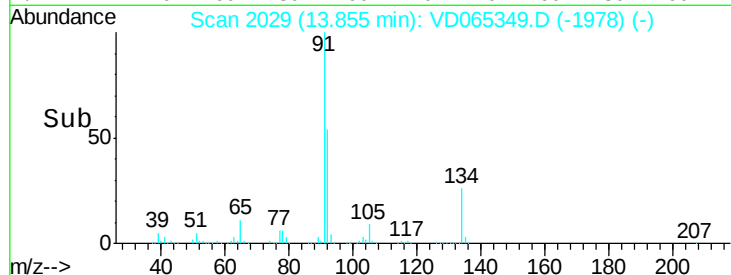
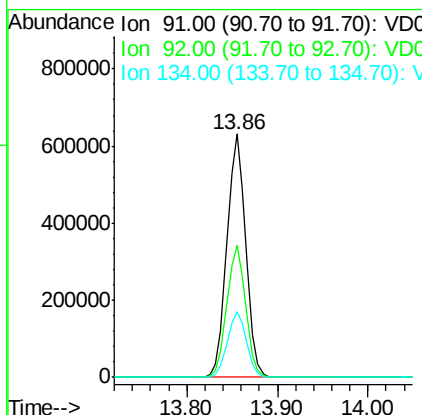
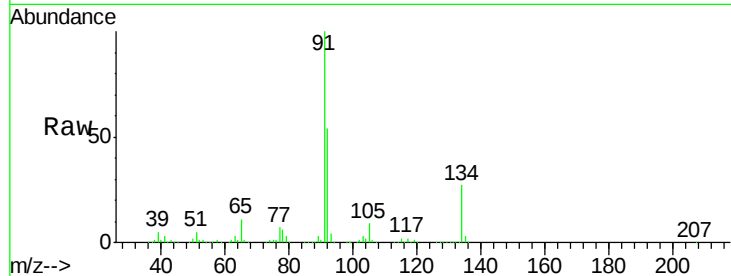
#89
n-Butylbenzene
Concen: 51.685 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. -0.00 min
Lab File: VD065349.D
Acq: 27 Feb 2020 17:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.3	27.0	80.8	
134	27.2	13.5	40.4	

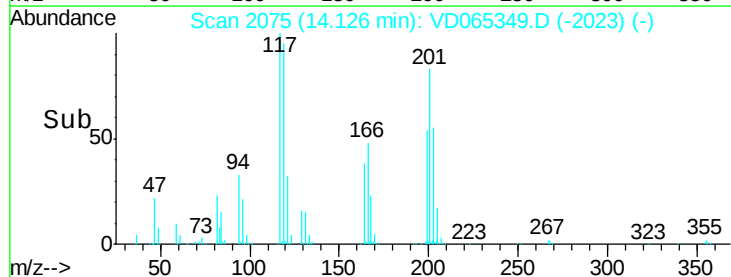
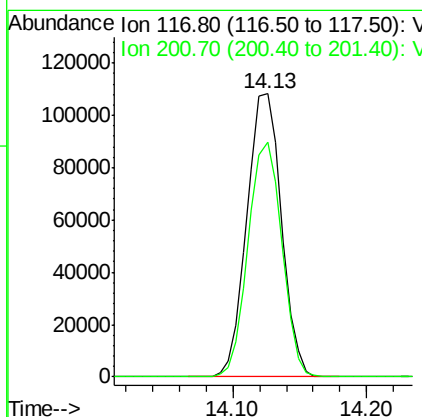
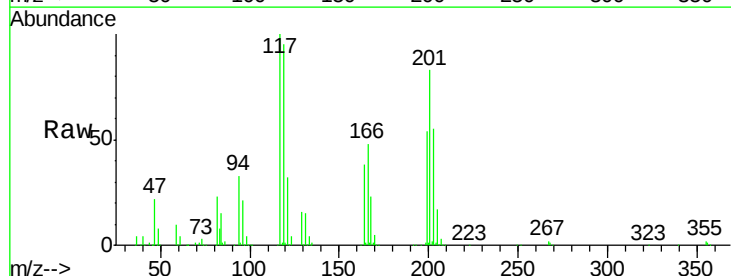
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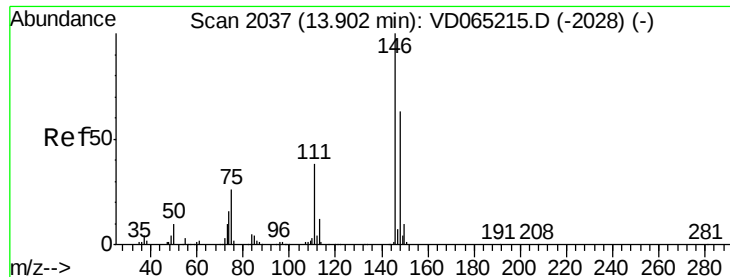
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#90
Hexachloroethane
Concen: 50.047 ug/l
RT: 14.13 min Scan# 2075
Delta R.T. 0.01 min
Lab File: VD065349.D
Acq: 27 Feb 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	80.8	41.3	124.1	





#91

1,2-Dichlorobenzene

Concen: 49.474 ug/l

RT: 13.90 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VD065349.D

Acq: 27 Feb 2020 17:21

Instrument :

MSVOA_D

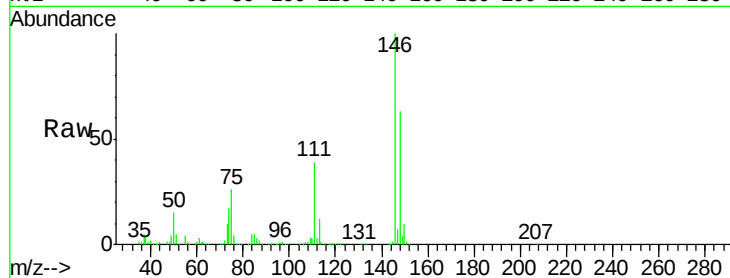
ClientSampleId :

VSTDCCC050EC

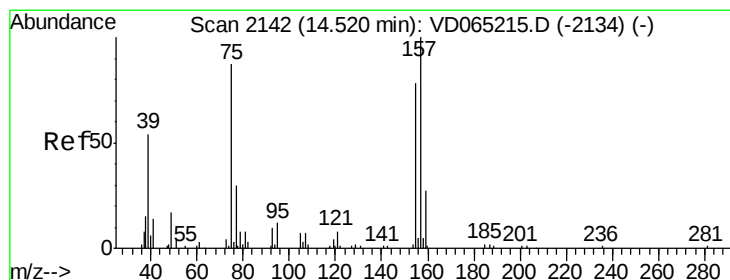
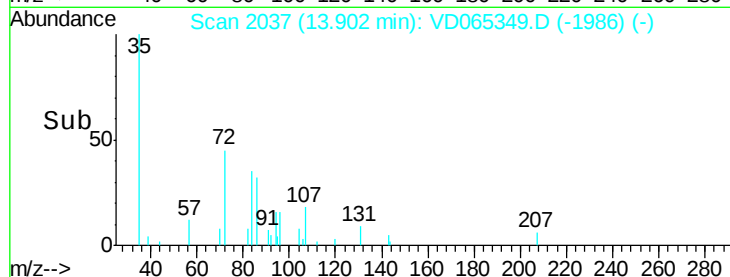
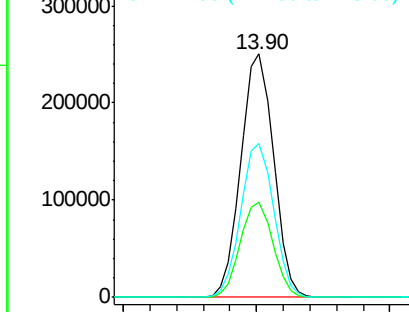
Tot Ion:	146	Resp:	426789
Ion Ratio	Lower	Upper	
146	100		
111	39.2	19.7	59.0
148	63.3	32.0	96.2

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Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.929 ug/l

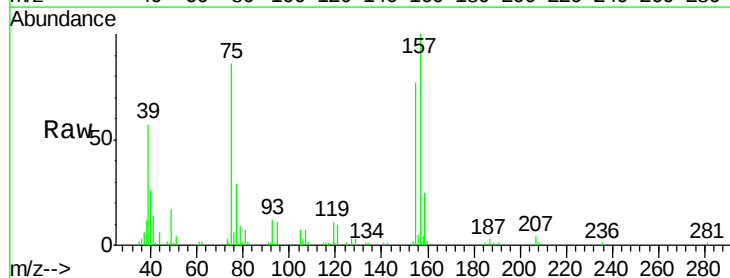
RT: 14.52 min Scan# 2142

Delta R.T. -0.00 min

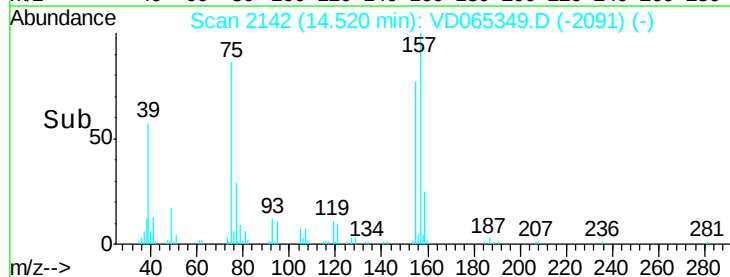
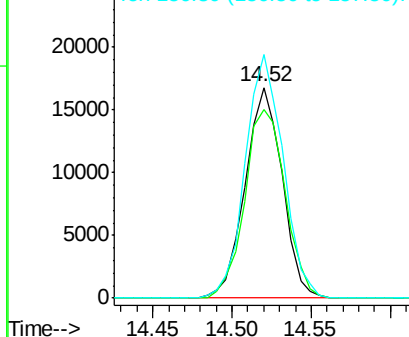
Lab File: VD065349.D

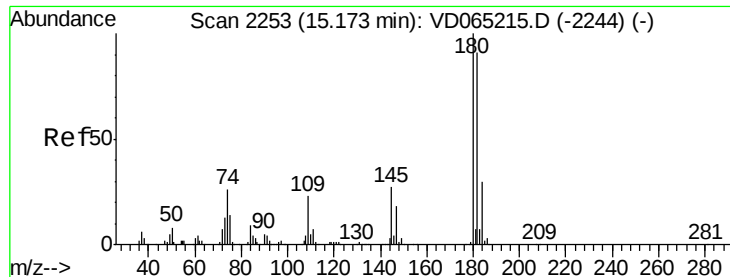
Acq: 27 Feb 2020 17:21

Tgt Ion:	75	Resp:	27316
Ion Ratio	Lower	Upper	
75	100		
155	97.3	42.3	126.9
157	118.3	56.7	170.1



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





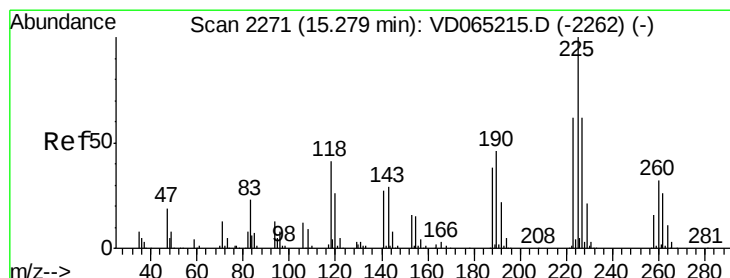
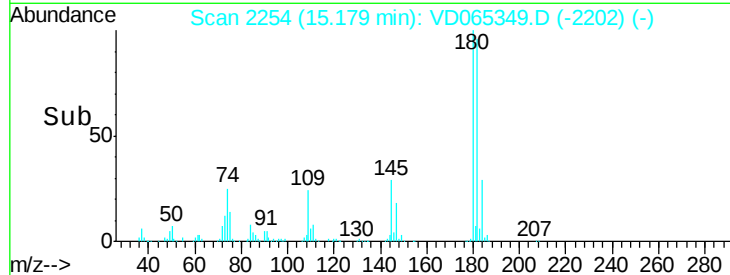
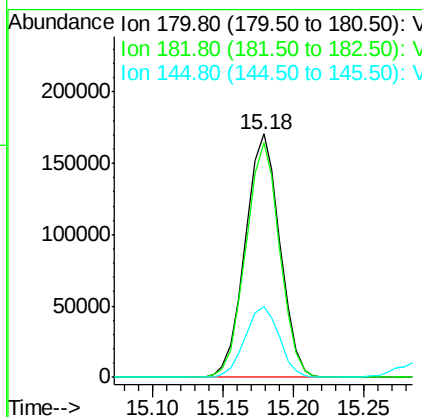
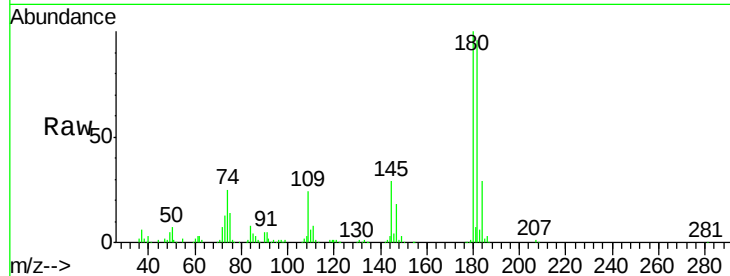
#93
 1,2,4-Trichlorobenzene
 Concen: 52.153 ug/l
 RT: 15.18 min Scan# 2254
 Delta R.T. 0.01 min
 Lab File: VD065349.D
 Acq: 27 Feb 2020 17:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	180	Resp:	294284
Ion Ratio	Lower	Upper	
180	100		
182	94.1	46.9	140.6
145	28.9	13.9	41.7

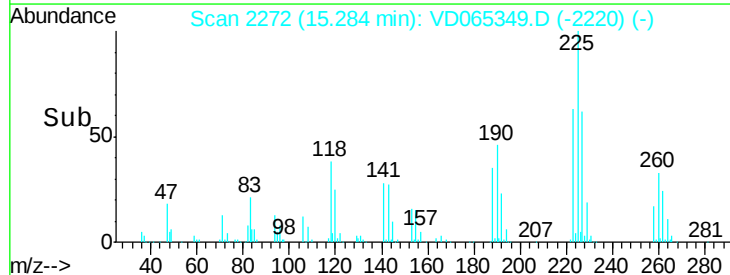
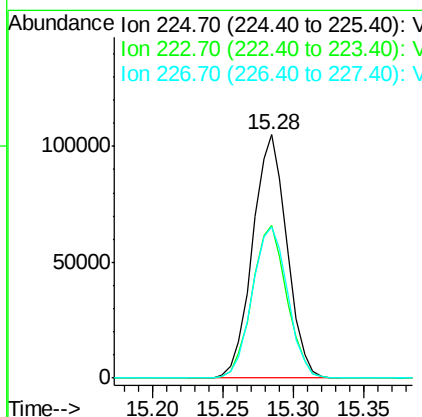
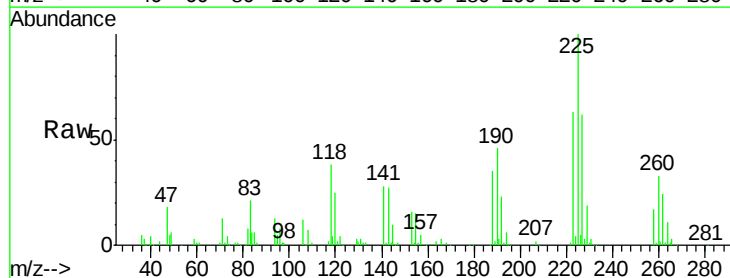
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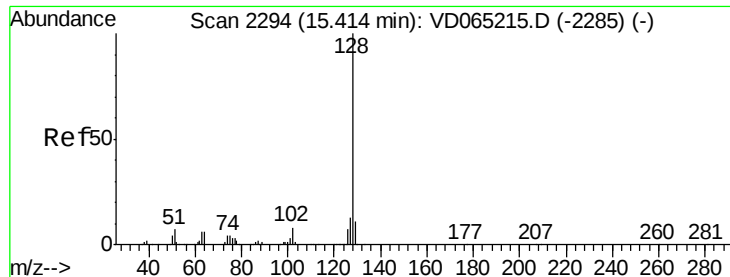
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#94
 Hexachlorobutadiene
 Concen: 49.484 ug/l
 RT: 15.28 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: VD065349.D
 Acq: 27 Feb 2020 17:21

Tgt Ion:	225	Resp:	179116
Ion Ratio	Lower	Upper	
225	100		
223	63.7	31.4	94.2
227	64.3	31.7	95.1





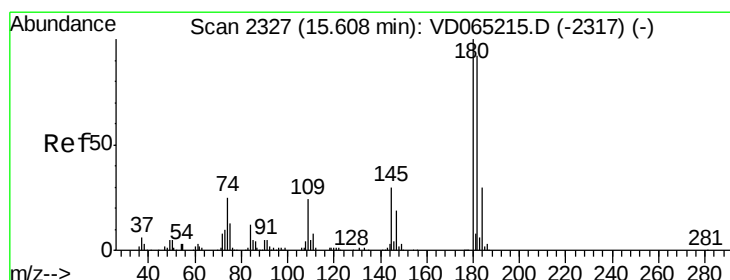
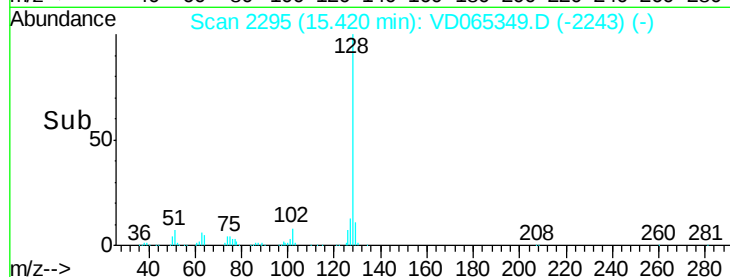
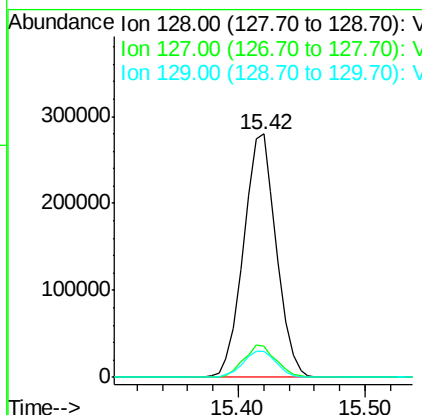
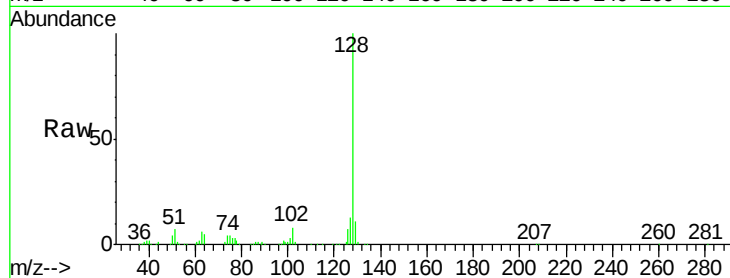
#95
Naphthalene
Concen: 54.674 ug/l
RT: 15.42 min Scan# 2295
Delta R.T. 0.01 min
Lab File: VD065349.D
Acq: 27 Feb 2020 17:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	501539		
127	13.2		10.3	15.5
129	11.1		8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 51.465 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. -0.00 min
Lab File: VD065349.D
Acq: 27 Feb 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	253628		
182	96.0		46.9	140.6
145	30.4		15.4	46.1

