

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031020\
 Data File : VD065471.D
 Acq On : 10 Mar 2020 19:19
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 3:20:51 PM

Quant Time: Mar 11 02:37:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	433792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	650187	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	603567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	296335	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	193241	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
35) Dibromofluoromethane	7.92	113	202071	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
50) Toluene-d8	10.34	98	769031	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.64	95	249779	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	159638	42.820	ug/l	98
3) Chloromethane	2.21	50	200228	44.485	ug/l	100
4) Vinyl Chloride	2.35	62	204030	45.957	ug/l	99
5) Bromomethane	2.77	94	133350	53.987	ug/l	99
6) Chloroethane	2.92	64	130111	47.852	ug/l	97
7) Trichlorofluoromethane	3.27	101	306767	46.894	ug/l	100
8) Diethyl Ether	3.71	74	102340	52.607	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.08	101	198306	47.068	ug/l	99
10) Methyl Iodide	4.29	142	226508	51.749	ug/l	99
11) Tert butyl alcohol	5.25	59	54687	256.219	ug/l #	94
12) 1,1-Dichloroethene	4.06	96	189463	46.963	ug/l	95
13) Acrolein	3.92	56	122676	333.267	ug/l	98
14) Allyl chloride	4.71	41	311351	50.239	ug/l	99
15) Acrylonitrile	5.43	53	226425	267.541	ug/l	98
16) Acetone	4.17	43	166924	221.811	ug/l	99
17) Carbon Disulfide	4.40	76	619532	46.113	ug/l	99
18) Methyl Acetate	4.73	43	99517	52.132	ug/l	98
19) Methyl tert-butyl Ether	5.49	73	426937	55.030	ug/l	98
20) Methylene Chloride	4.96	84	230376	56.845	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	226248	50.414	ug/l	99
22) Diisopropyl ether	6.37	45	639119	55.476	ug/l	98
23) Vinyl Acetate	6.31	43	1817053	284.055	ug/l	99
24) 1,1-Dichloroethane	6.26	63	381053	51.567	ug/l	98
25) 2-Butanone	7.23	43	262846	255.944	ug/l	98
26) 2,2-Dichloropropane	7.21	77	315634	48.878	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	245846	53.594	ug/l	97
28) Bromochloromethane	7.55	49	172225	58.254	ug/l	100
29) Tetrahydrofuran	7.57	42	181270	276.396	ug/l	98
30) Chloroform	7.71	83	392882	53.193	ug/l	96
31) Cyclohexane	7.98	56	335762	45.441	ug/l	99
32) 1,1,1-Trichloroethane	7.91	97	342043	50.112	ug/l	99
36) 1,1-Dichloropropene	8.11	75	301206	48.329	ug/l	99
37) Ethyl Acetate	7.30	43	126751	52.617	ug/l	99
38) Carbon Tetrachloride	8.10	117	309847	47.943	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	361073	47.967	ug/l	96
40) Benzene	8.36	78	903736	51.862	ug/l	99
41) Methacrylonitrile	7.53	41	61213	48.049	ug/l	97
42) 1,2-Dichloroethane	8.43	62	239072	52.540	ug/l	100
43) Isopropyl Acetate	8.46	43	229963	51.701	ug/l	98
44) Trichloroethene	9.11	130	242793	49.337	ug/l	98
45) 1,2-Dichloropropane	9.39	63	221355	52.441	ug/l	96
46) Dibromomethane	9.48	93	117093	53.480	ug/l	98
47) Bromodichloromethane	9.67	83	302821	53.163	ug/l	96
48) Methyl methacrylate	9.46	41	111660	53.368	ug/l	99
49) 1,4-Dioxane	9.47	88	27431	1095.286	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	620554	277.243	ug/l	100
52) Toluene	10.41	92	574214	52.308	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	283668	53.290	ug/l	100
54) cis-1,3-Dichloropropene	10.10	75	347217	53.889	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	165050	53.224	ug/l	97
56) Ethyl methacrylate	10.67	69	197172	56.400	ug/l	99
57) 1,3-Dichloropropane	10.95	76	279174	53.207	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	266686	244.126	ug/l	99
59) 2-Hexanone	10.99	43	416547	268.836	ug/l	99
60) Dibromochloromethane	11.14	129	213915	53.814	ug/l	100
61) 1,2-Dibromoethane	11.25	107	157150	53.128	ug/l	99
64) Tetrachloroethene	10.88	164	209495	48.439	ug/l	97
65) Chlorobenzene	11.68	112	609338	51.016	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	225768	51.901	ug/l	99
67) Ethyl Benzene	11.75	91	1067654	51.733	ug/l	100
68) m/p-Xylenes	11.86	106	820414	103.097	ug/l	100
69) o-Xylene	12.18	106	370321	52.904	ug/l	99
70) Styrene	12.20	104	661340	53.683	ug/l	99
71) Bromoform	12.37	173	132205	54.107	ug/l #	98
73) Isopropylbenzene	12.48	105	999718	51.290	ug/l	100
74) N-amyl acetate	12.30	43	213321	53.459	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	175589	51.250	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	117842m	50.396	ug/l	
77) Bromobenzene	12.77	156	250200	51.666	ug/l	99
78) n-propylbenzene	12.83	91	1186306	51.296	ug/l	100
79) 2-Chlorotoluene	12.91	91	663011	50.869	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	822557	51.333	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	55829	50.385	ug/l	98
82) 4-Chlorotoluene	13.01	91	698219	50.979	ug/l	99
83) tert-Butylbenzene	13.23	119	694464	51.227	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	830156	52.557	ug/l	100
85) sec-Butylbenzene	13.41	105	976558	50.466	ug/l	100
86) p-Isopropyltoluene	13.53	119	906428	51.334	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	475871	51.112	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	461902	49.874	ug/l	100
89) n-Butylbenzene	13.86	91	812255	49.757	ug/l	99
90) Hexachloroethane	14.12	117	180152	49.542	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	411353	51.919	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	27726	53.137	ug/l	93

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QLast Update : Thu Mar 05 01:22:07 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	272409	50.728	ug/l	100
94) Hexachlorobutadiene	15.28	225	168000	47.613	ug/l	98
95) Naphthalene	15.41	128	461720	48.397	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	240541	51.837	ug/l	99

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

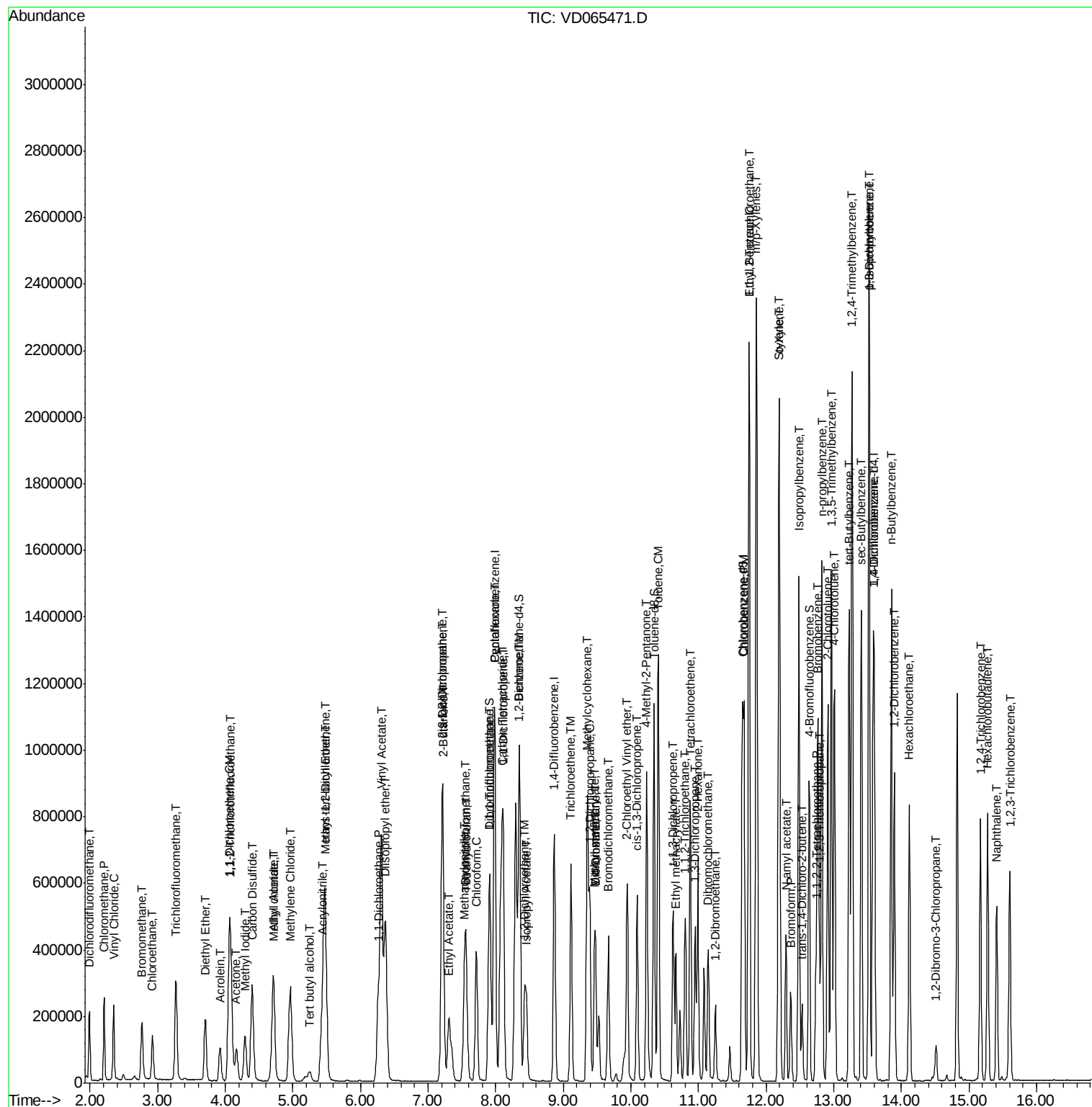
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD031020\
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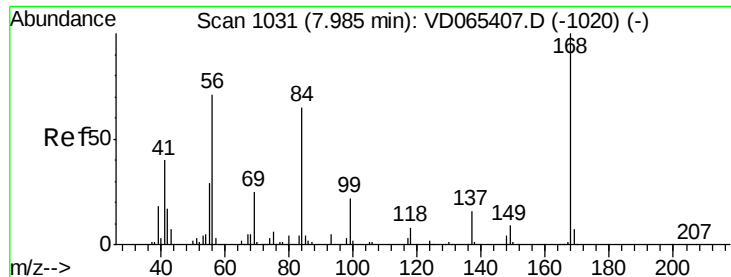
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 433792

Ion Ratio Lower Upper

168 100

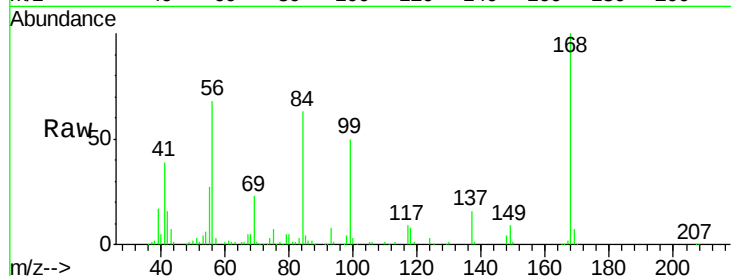
99 49.7 41.5 62.3

Manual Integrations

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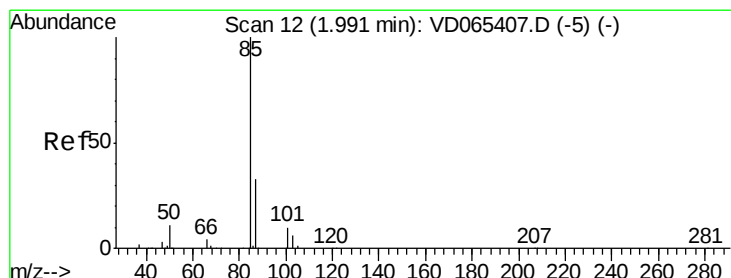
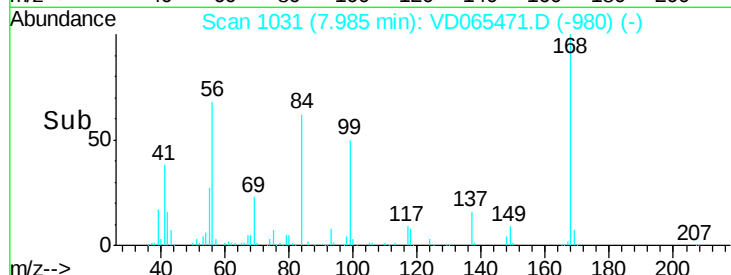
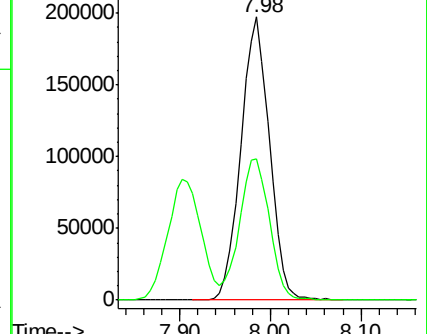
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 42.820 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD065471.D

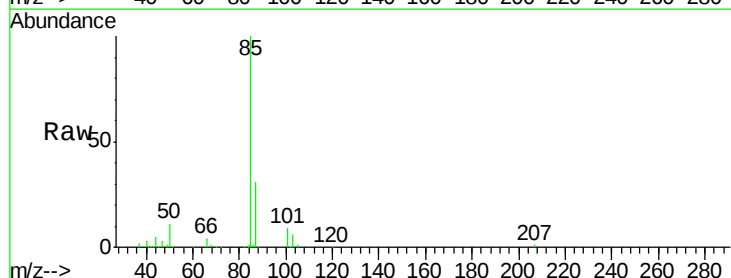
Acq: 10 Mar 2020 19:19

Tgt Ion: 85 Resp: 159638

Ion Ratio Lower Upper

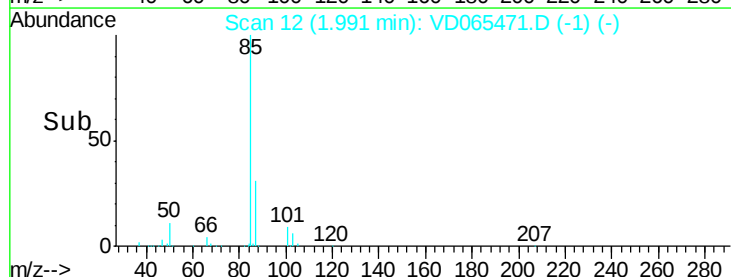
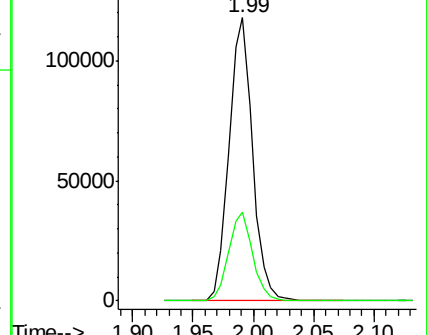
85 100

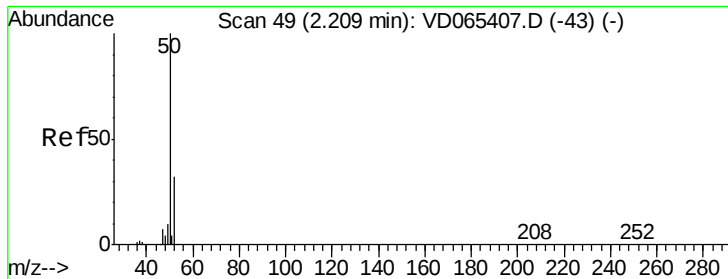
87 31.4 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 44.485 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 200228

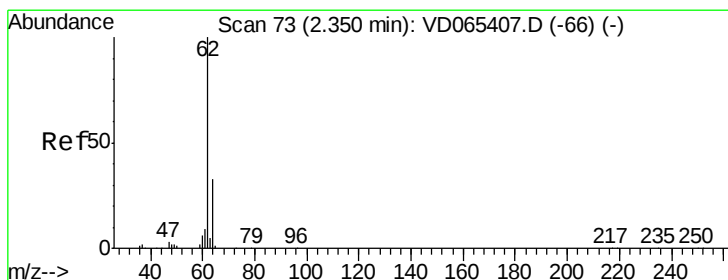
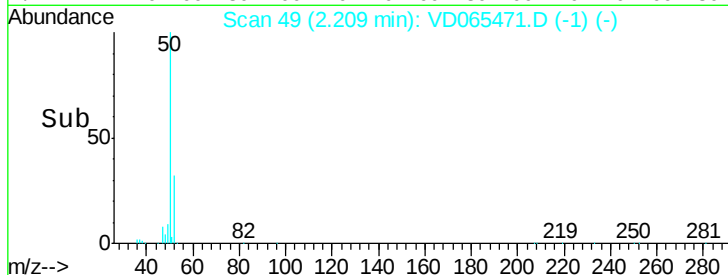
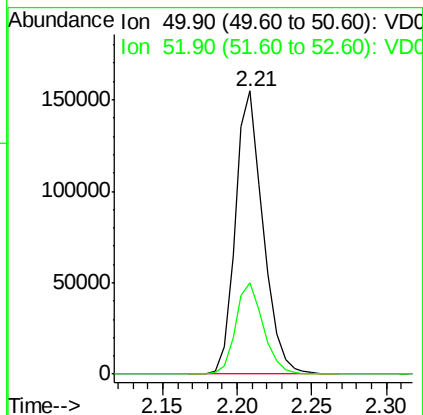
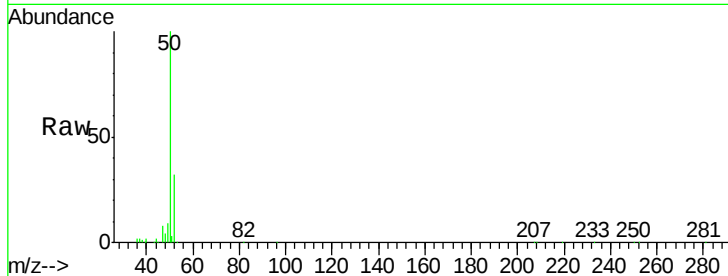
Ion Ratio Lower Upper

50 100

52 32.3 25.8 38.8

Manual Integrations
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#4

Vinyl Chloride

Concen: 45.957 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065471.D

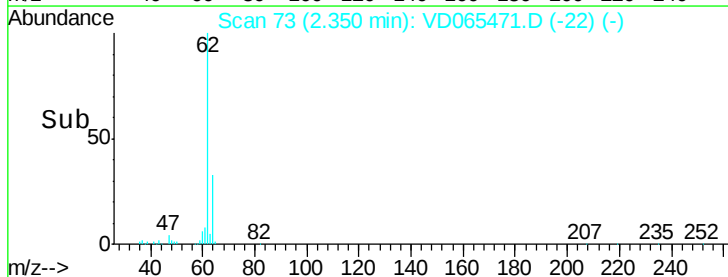
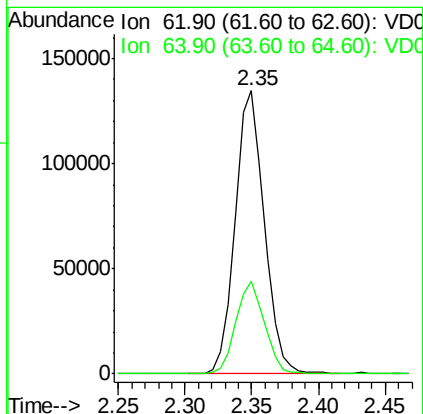
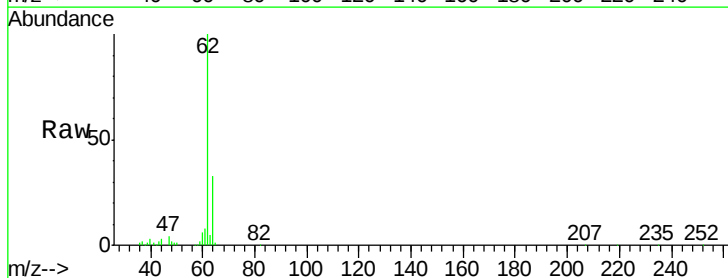
Acq: 10 Mar 2020 19:19

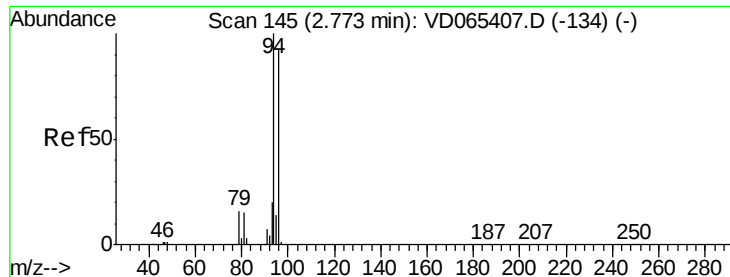
Tgt Ion: 62 Resp: 204030

Ion Ratio Lower Upper

62 100

64 32.6 26.6 39.8





#5

Bromomethane

Concen: 53.987 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 133350

Ion Ratio Lower Upper

94 100

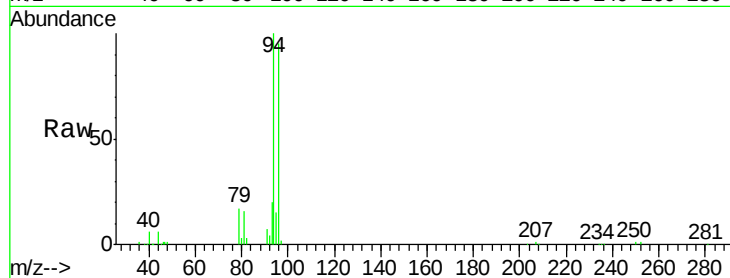
96 94.1 74.4 111.6

Manual Integrations

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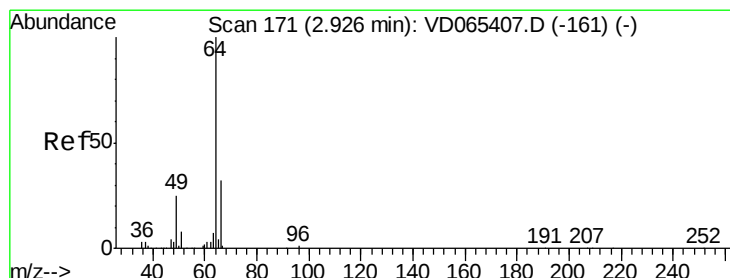
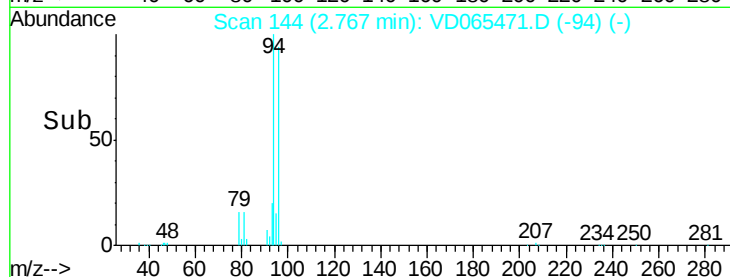
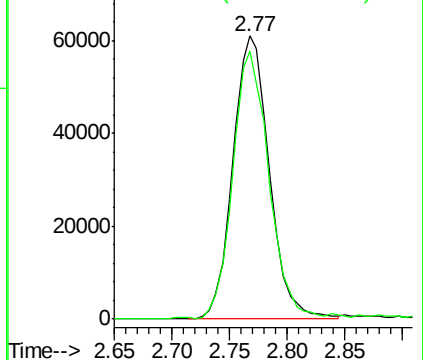
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 47.852 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065471.D

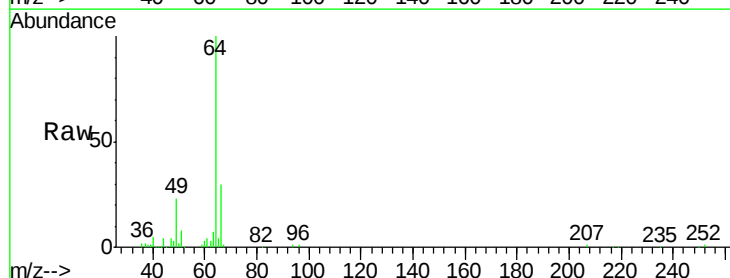
Acq: 10 Mar 2020 19:19

Tgt Ion: 64 Resp: 130111

Ion Ratio Lower Upper

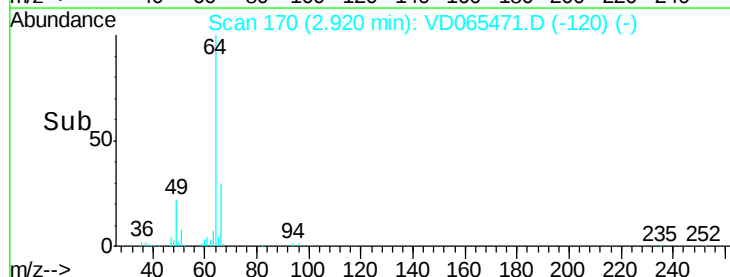
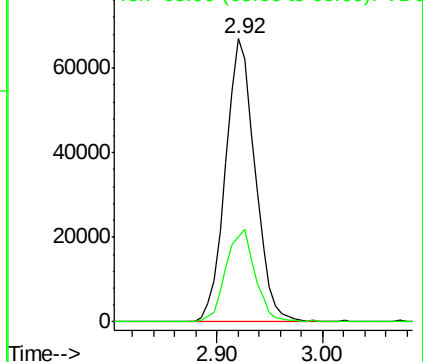
64 100

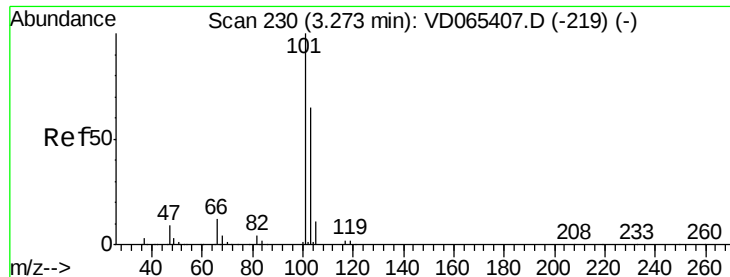
66 30.1 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

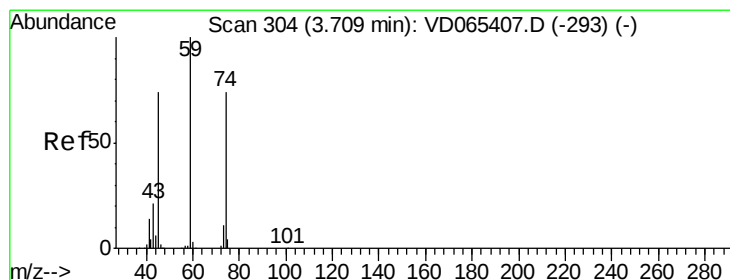
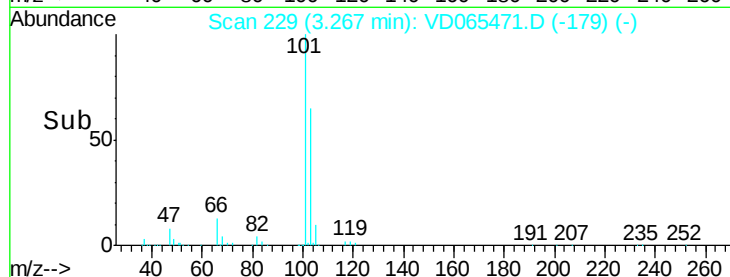
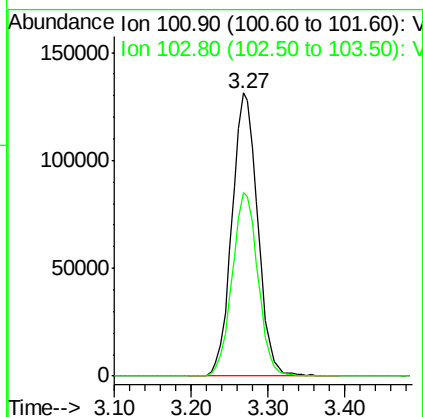
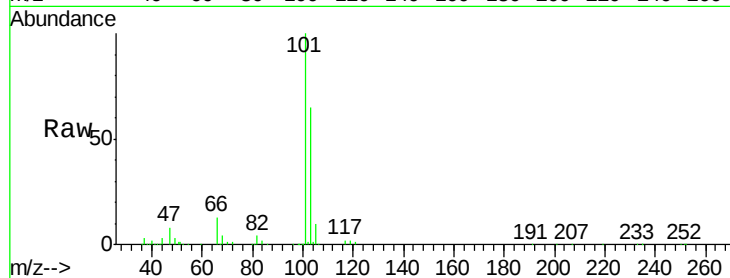
Trichlorofluoromethane
 Concen: 46.894 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD065471.D
 Acq: 10 Mar 2020 19:19

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.1	78.1

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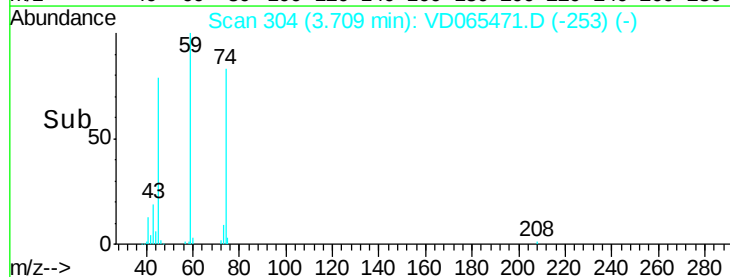
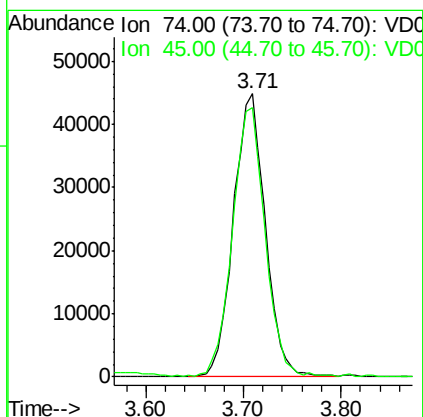
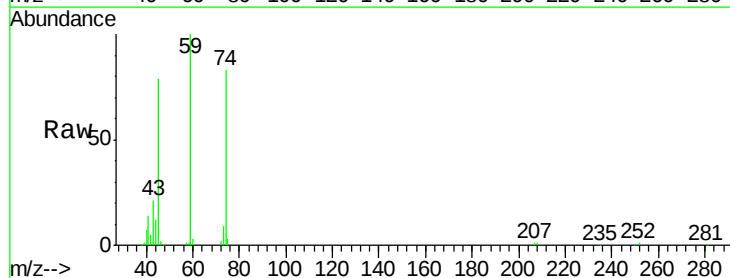
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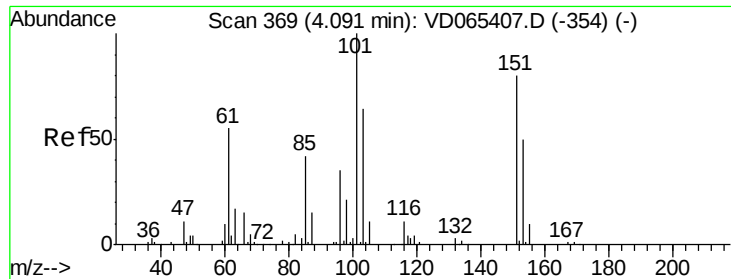


#8

Diethyl Ether
 Concen: 52.607 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD065471.D
 Acq: 10 Mar 2020 19:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.5	49.5	148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.068 ug/l

RT: 4.08 min Scan# 367

Delta R.T. -0.01 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Instrument :

MSVOA_D

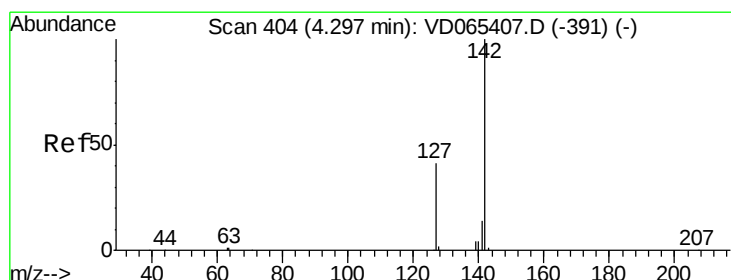
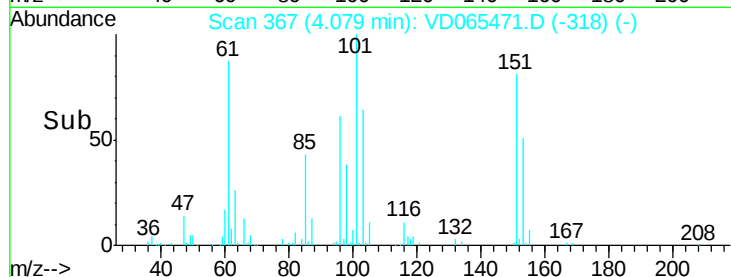
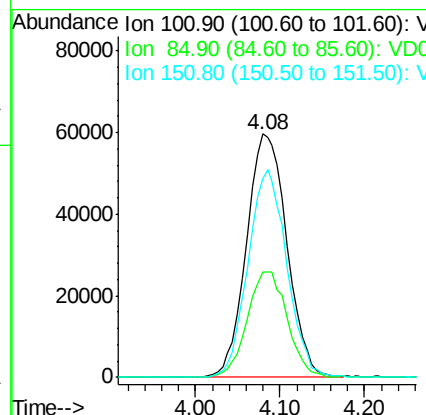
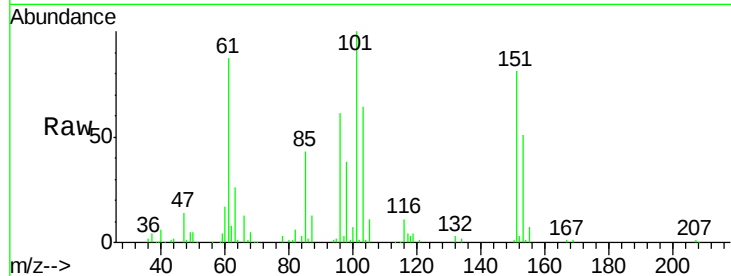
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	198306
Ion Ratio	Lower	Upper	
101	100		
85	43.0	34.2	51.2
151	82.0	65.1	97.7

Manual Integrations
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#10

Methyl Iodide

Concen: 51.749 ug/l

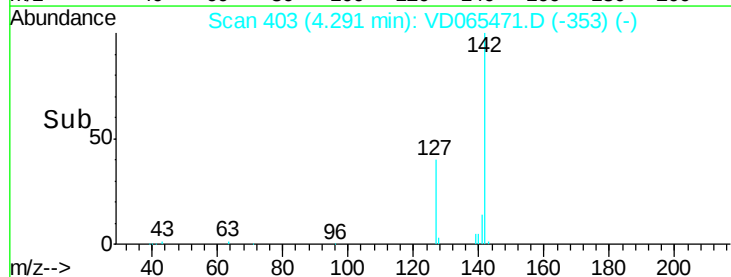
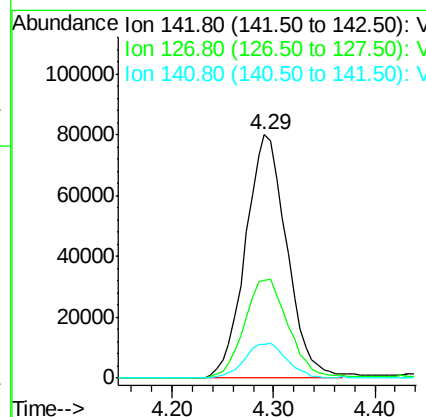
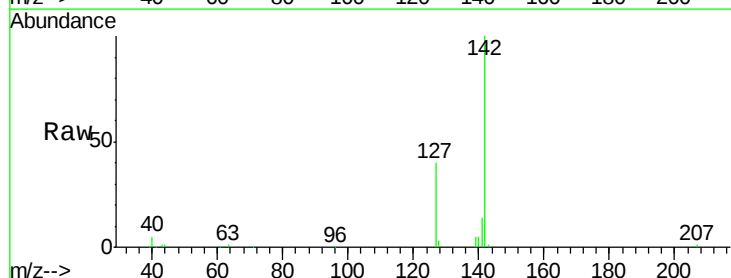
RT: 4.29 min Scan# 403

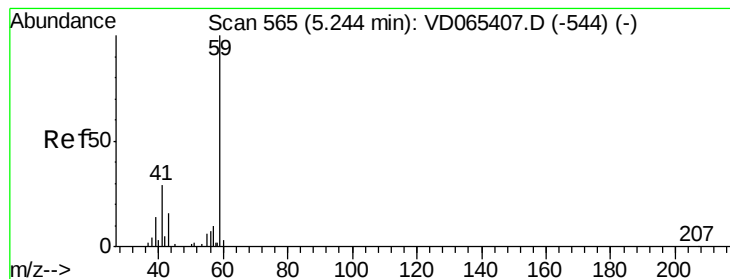
Delta R.T. -0.01 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Tgt Ion:	142	Resp:	226508
Ion Ratio	Lower	Upper	
142	100		
127	43.4	35.0	52.6
141	14.7	12.4	18.6





#11

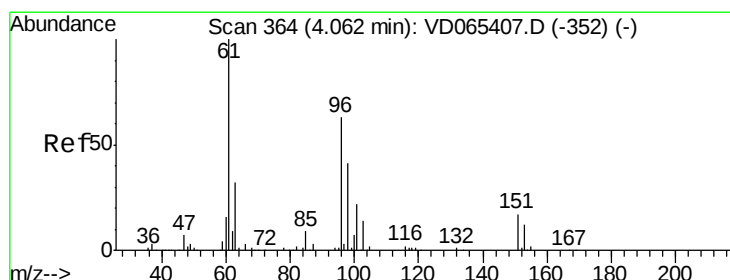
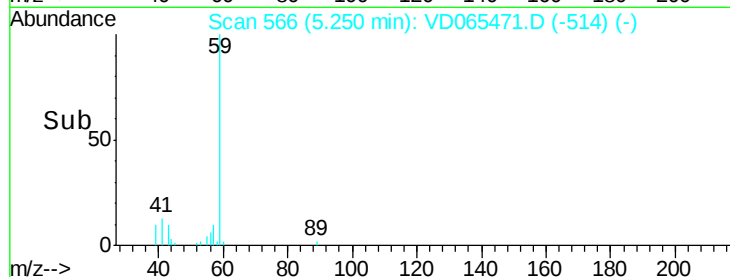
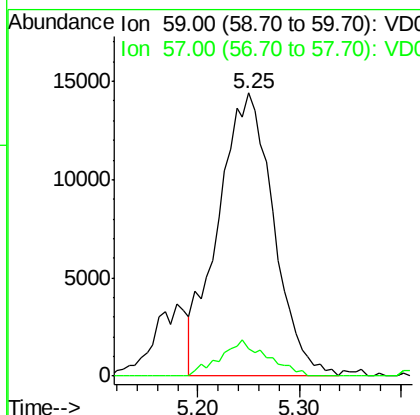
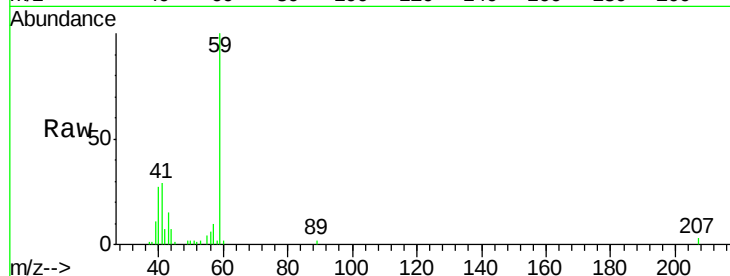
Tert butyl alcohol
Concen: 256.219 ug/l
RT: 5.25 min Scan# 566
Delta R.T. 0.01 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	54687
Ion Ratio	100	Lower	Upper
57	10.8	6.9	10.3#

Manual Integrations
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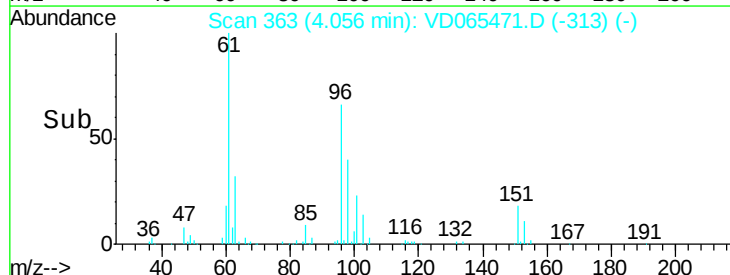
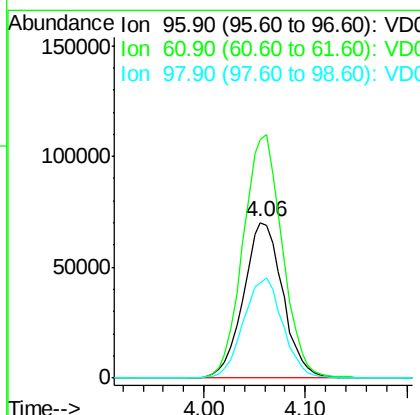
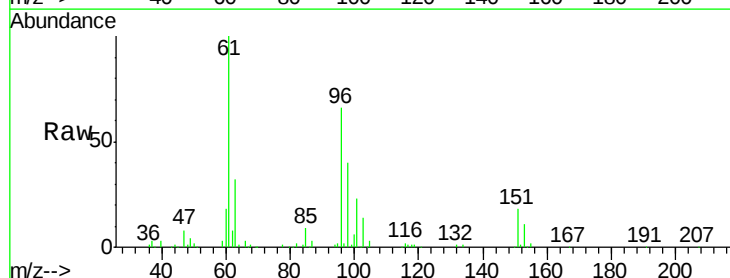
MMDadoda
3/11/2020 3:20:51 PM

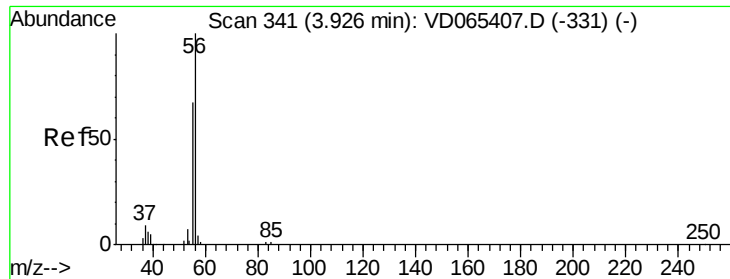


#12

1,1-Dichloroethene
Concen: 46.963 ug/l
RT: 4.06 min Scan# 363
Delta R.T. -0.01 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Tgt Ion	96	Resp	189463
Ion Ratio	100	Lower	Upper
61	152.7	128.0	192.0
98	61.1	51.9	77.9





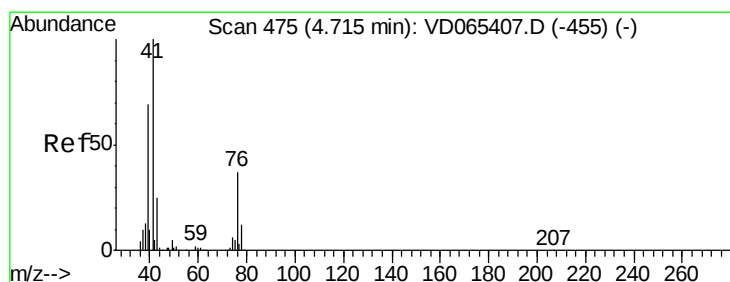
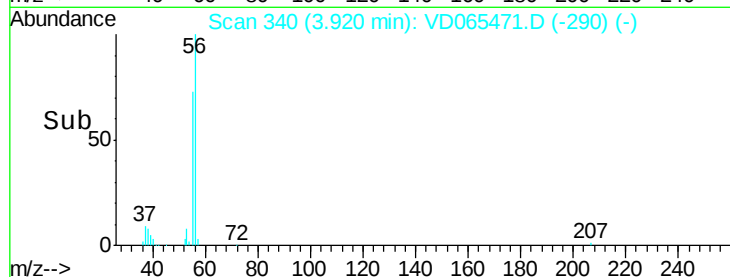
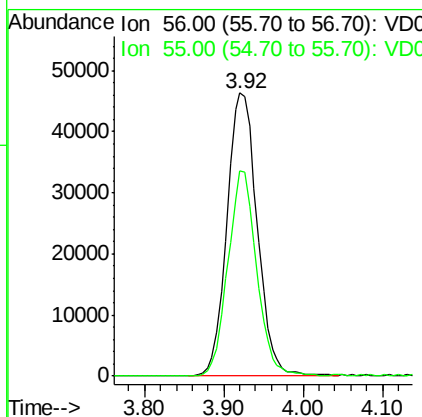
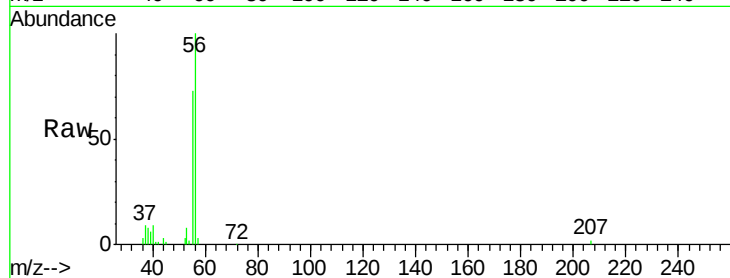
#13
Acrolein
Concen: 333.267 ug/l
RT: 3.92 min Scan# 340
Delta R.T. -0.01 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.2	56.6	85.0

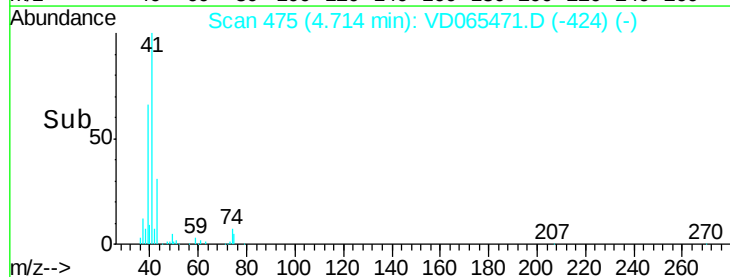
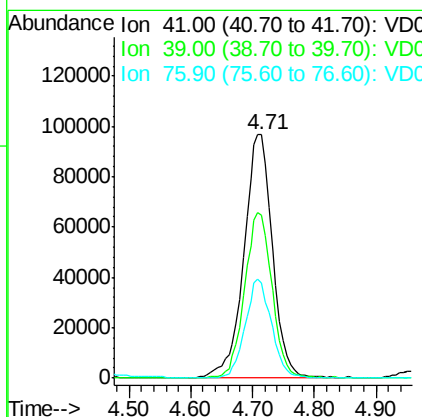
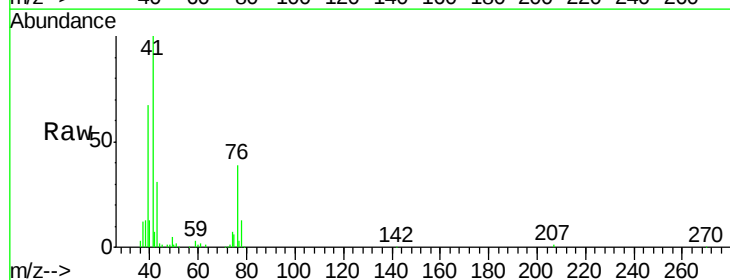
Manual Integrations
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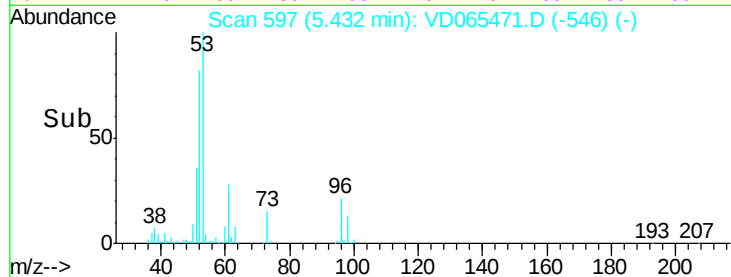
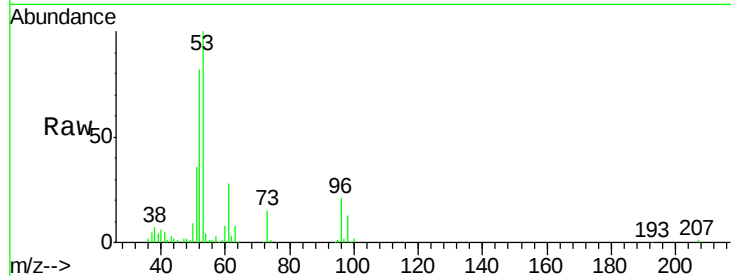
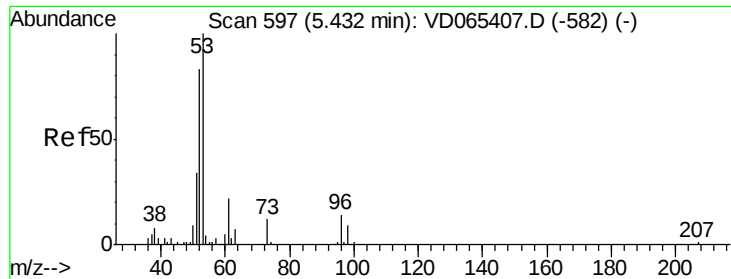
MMDadoda
3/11/2020 3:20:51 PM



#14
Allyl chloride
Concen: 50.239 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.3	52.6	79.0
76	37.4	29.2	43.8





#15

Acrylonitrile

Concen: 267.541 ug/l

RT: 5.43 min Scan# 597

Delta R.T. -0.00 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Tot Ion:	53	Resp:	226425
Ion Ratio	Lower	Upper	
53	100		
52	82.6	65.1	97.7
51	37.4	28.5	42.7

Instrument :

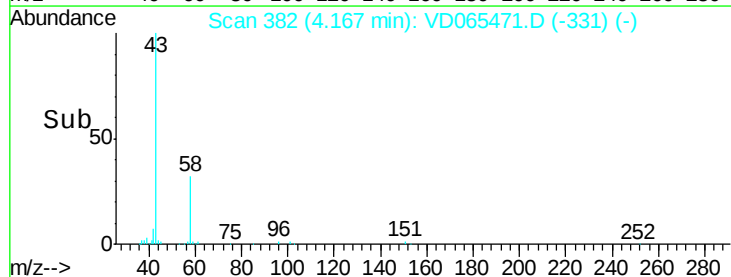
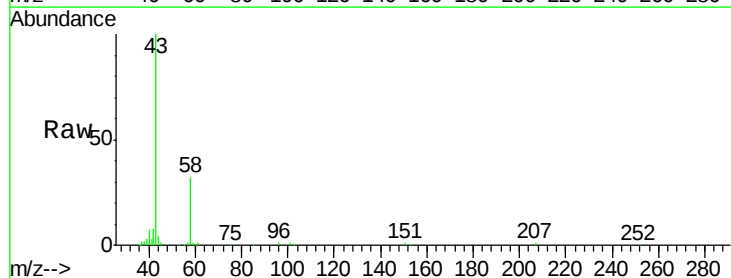
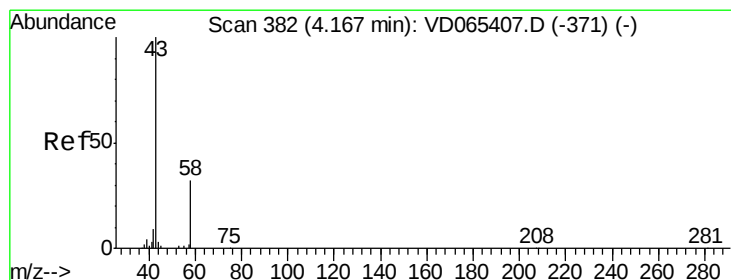
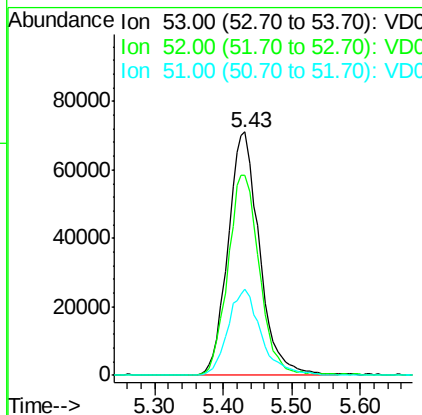
MSVOA_D

ClientSampleId :

VSTDCCC050EC

Manual Integrations
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MMDadoda
3/11/2020 3:20:51 PM



#16

Acetone

Concen: 221.811 ug/l

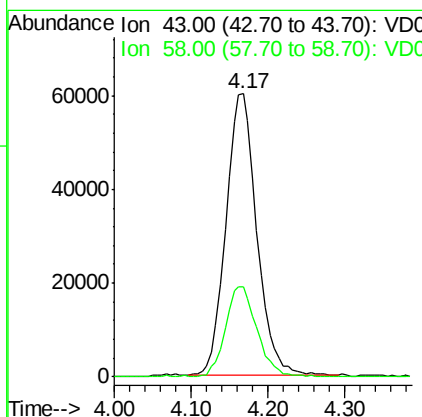
RT: 4.17 min Scan# 382

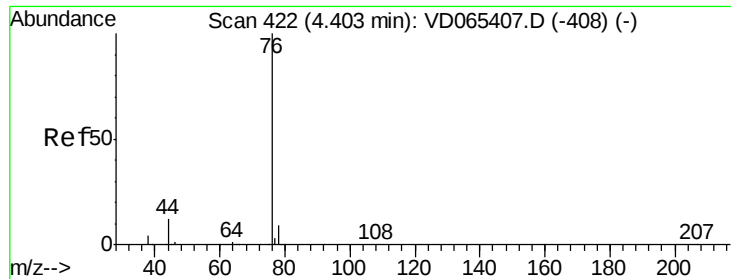
Delta R.T. -0.00 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Tgt Ion:	43	Resp:	166924
Ion Ratio	Lower	Upper	
43	100		
58	32.1	25.1	37.7





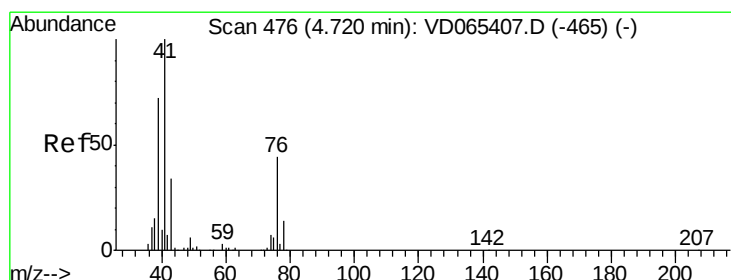
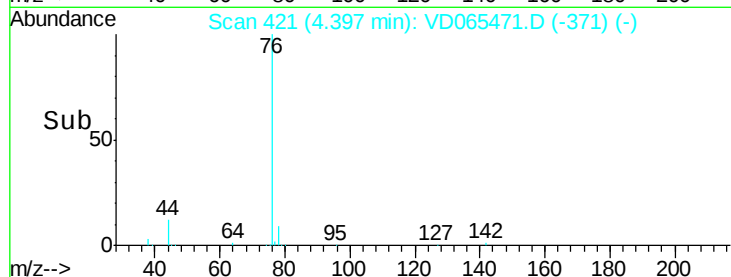
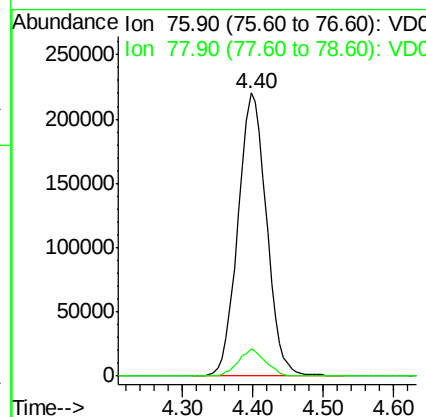
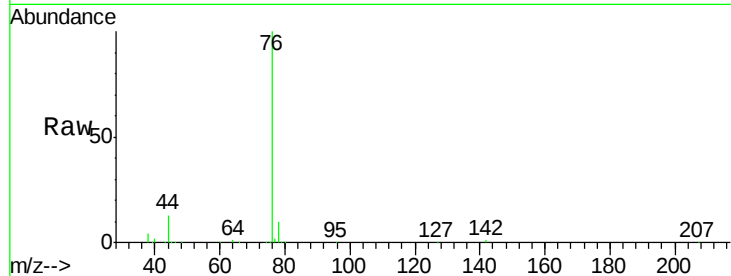
#17
Carbon Disulfide
Concen: 46.113 ug/l
RT: 4.40 min Scan# 421
Delta R.T. -0.01 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.4	11.0

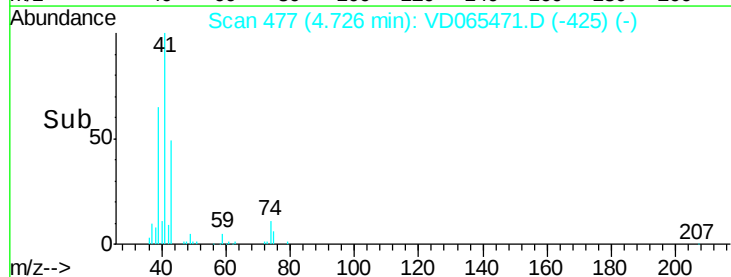
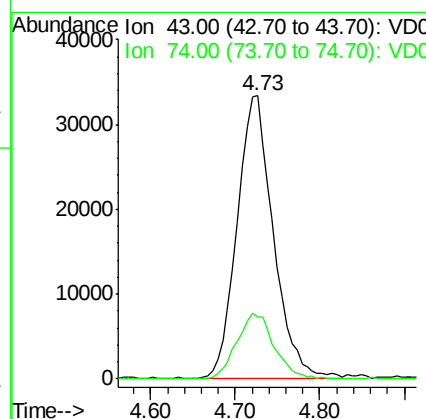
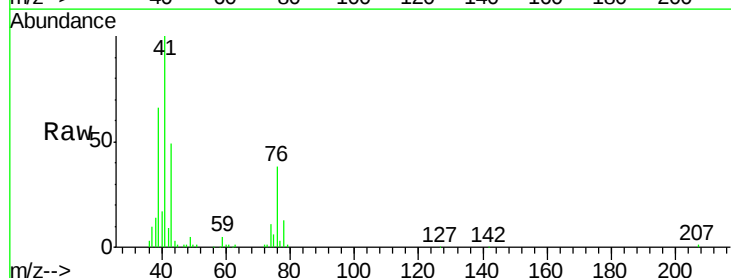
Manual Integrations
APPROVED

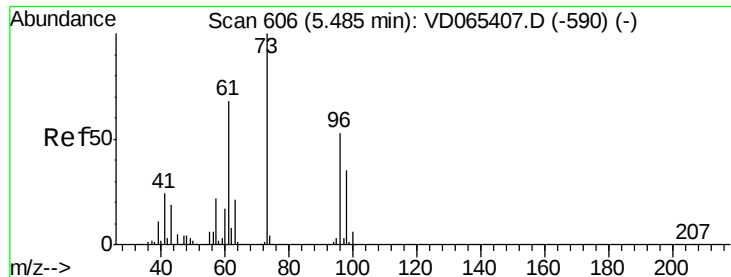
MMDadoda
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#18
Methyl Acetate
Concen: 52.132 ug/l
RT: 4.73 min Scan# 477
Delta R.T. 0.01 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	19.6	29.4





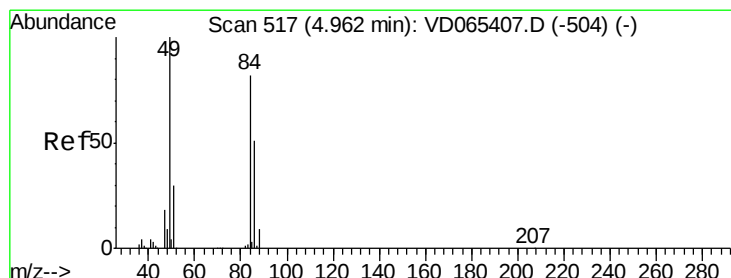
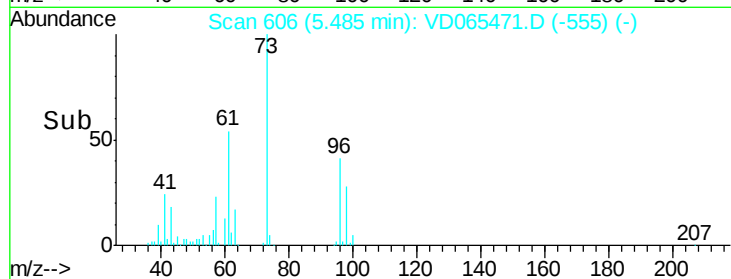
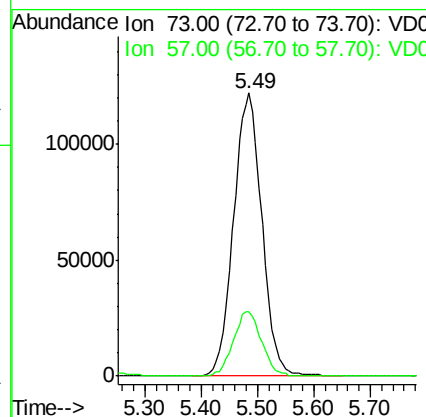
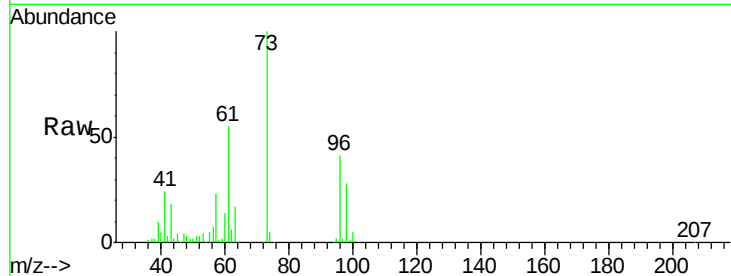
#19
Methvl tert-butvl Ether
Concen: 55.030 ug/l
RT: 5.49 min Scan# 606
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 426937
Ion Ratio Lower Upper
73 100
57 22.7 17.3 25.9

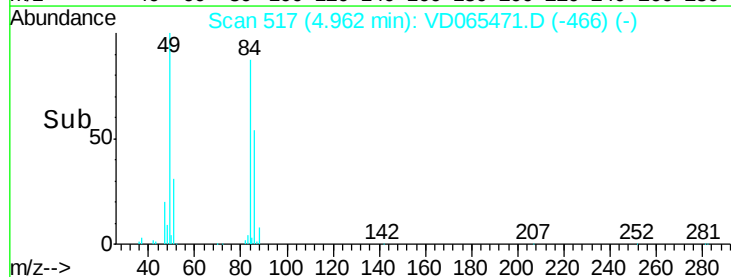
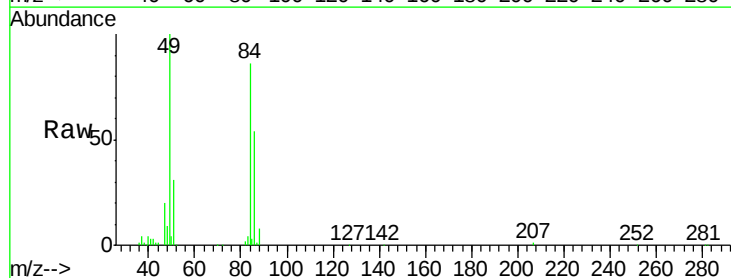
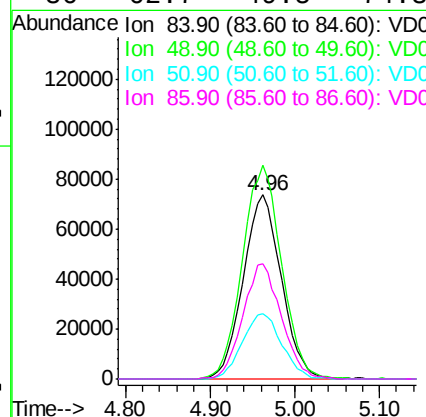
Manual Integrations
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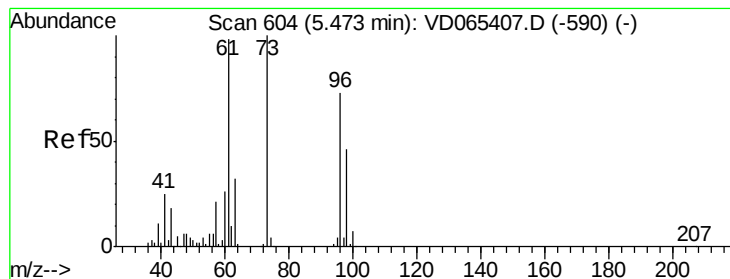
MMDadoda
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#20
Methylene Chloride
Concen: 56.845 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Tgt Ion: 84 Resp: 230376
Ion Ratio Lower Upper
84 100
49 116.1 97.7 146.5
51 35.6 28.8 43.2
86 62.7 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 50.414 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 226248

Ion Ratio Lower Upper

96 100

61 132.1 106.3 159.5

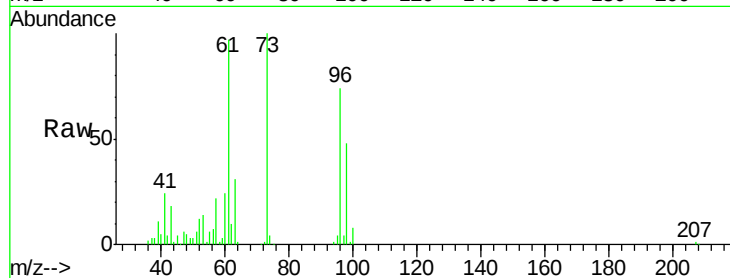
98 65.0 50.2 75.4

Manual Integrations

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MMDadoda

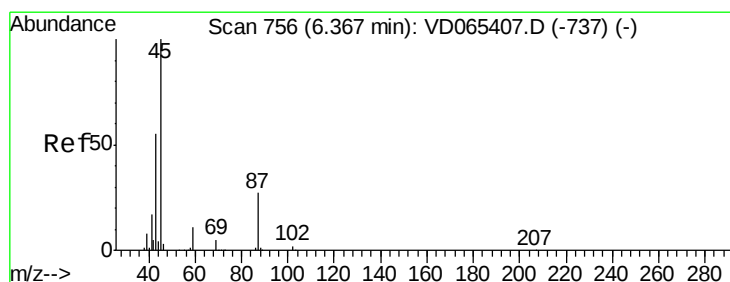
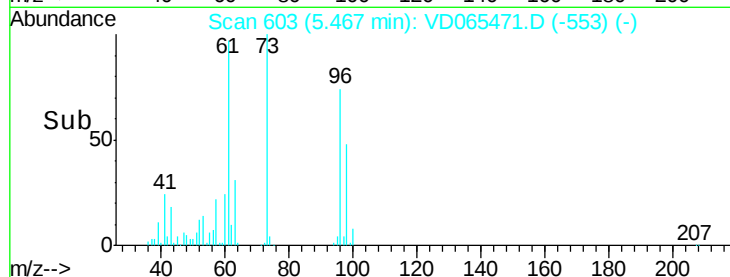
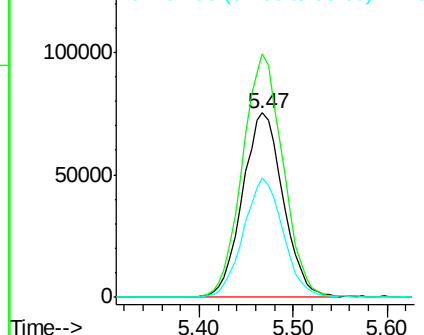
3/11/2020 3:20:51 PM



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 55.476 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.00 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Tgt Ion: 45 Resp: 639119

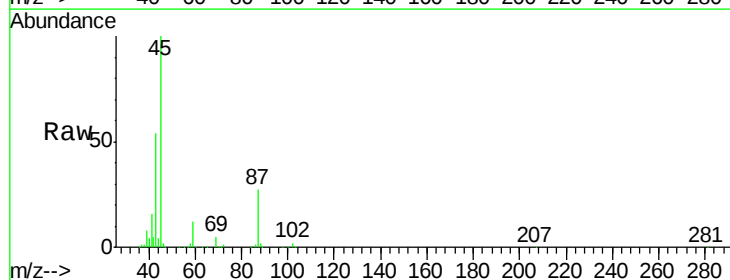
Ion Ratio Lower Upper

45 100

43 53.1 44.4 66.6

87 27.0 21.9 32.9

59 11.7 9.2 13.8

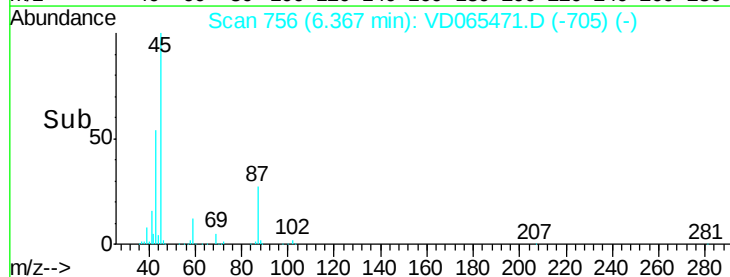
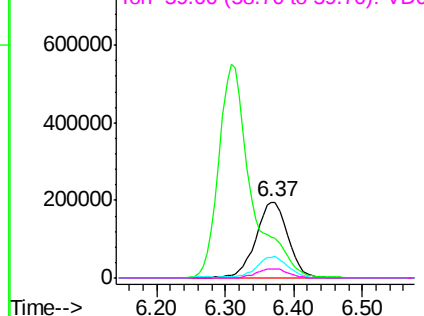


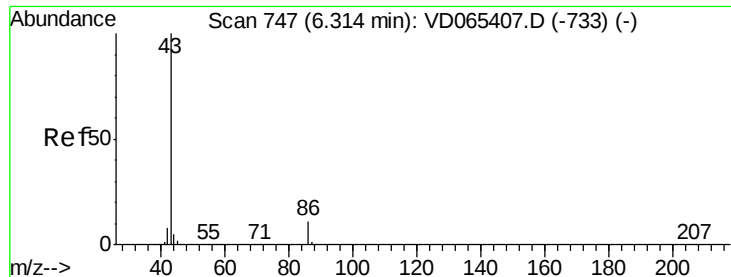
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 284.055 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1817053

Ion Ratio Lower Upper

43 100

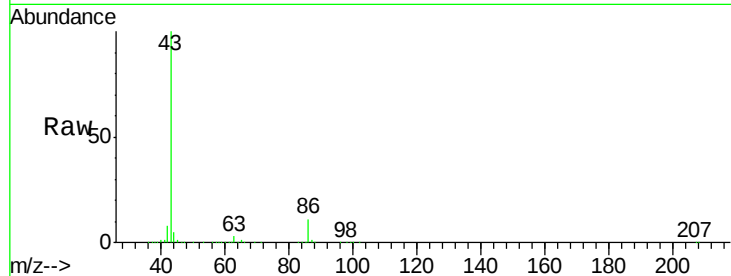
86 11.3 8.9 13.3

Manual Integrations

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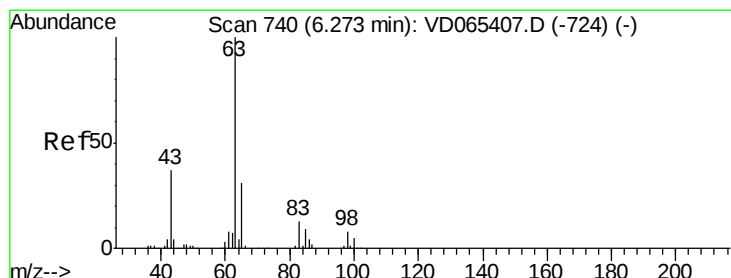
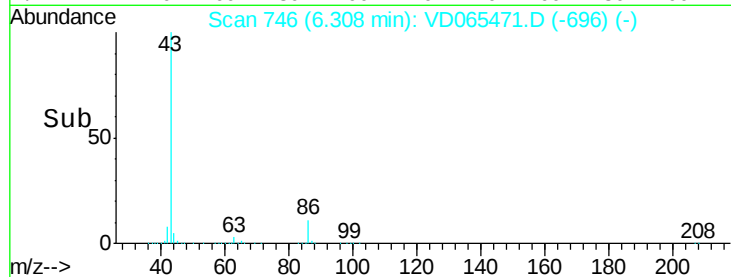
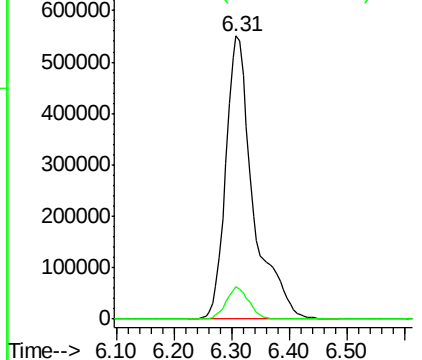
MMDadoda

3/11/2020 3:20:51 PM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 51.567 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

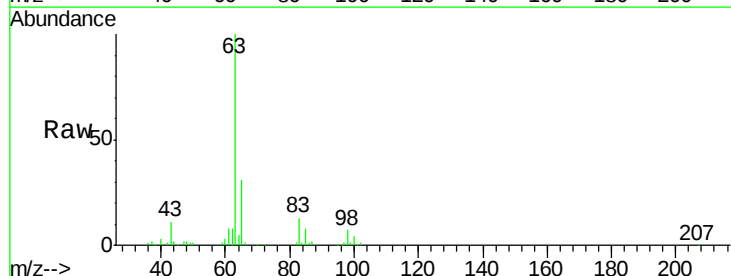
Tgt Ion: 63 Resp: 381053

Ion Ratio Lower Upper

63 100

98 7.2 4.2 12.6

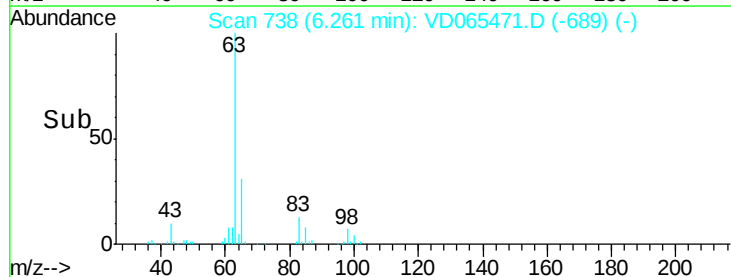
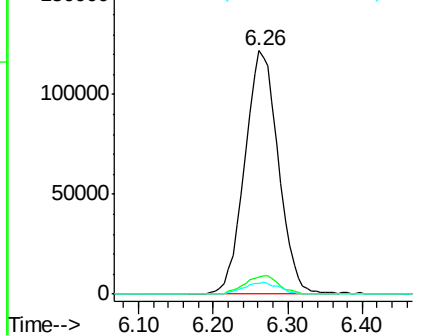
100 4.4 2.4 7.2

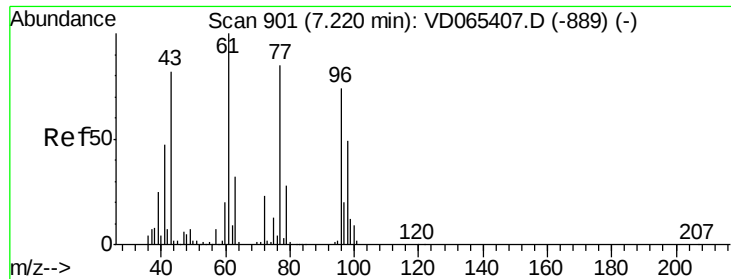


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 255.944 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 262846

Ion Ratio Lower Upper

43 100

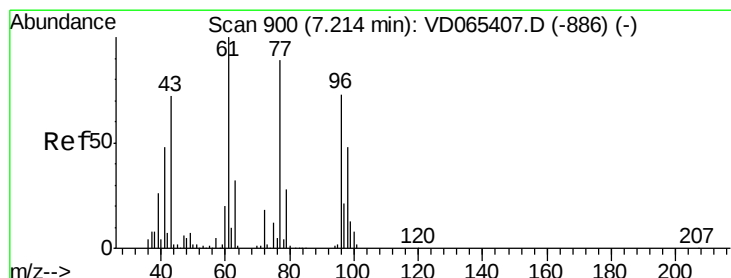
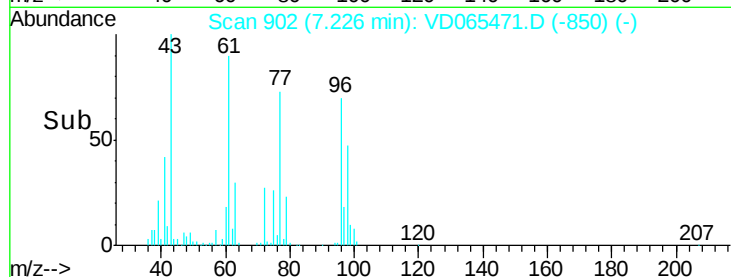
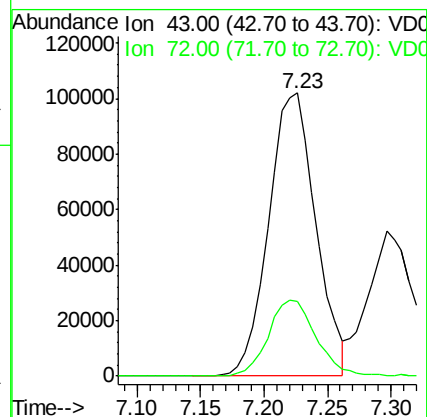
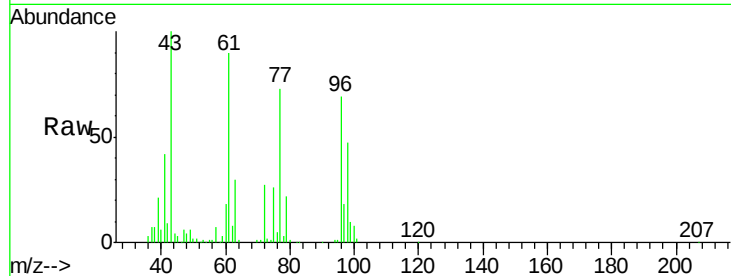
72 26.7 22.3 33.5

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#26

2,2-Dichloropropane

Concen: 48.878 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065471.D

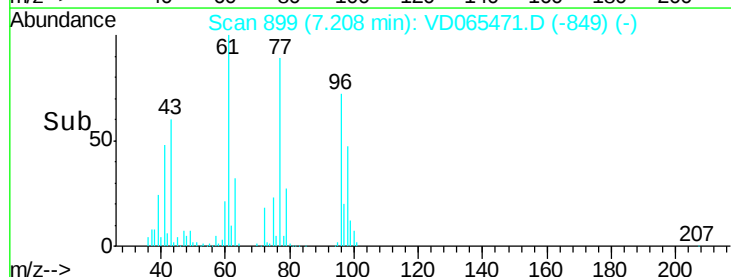
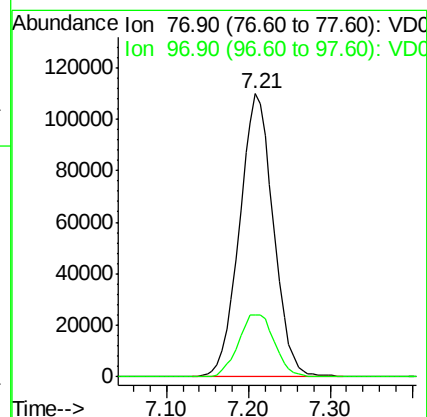
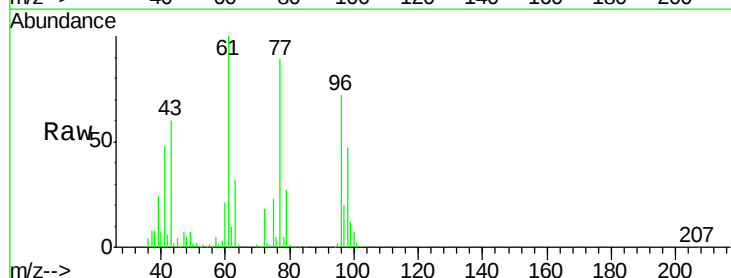
Acq: 10 Mar 2020 19:19

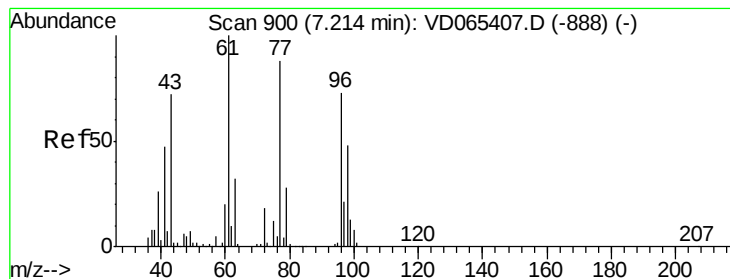
Tgt Ion: 77 Resp: 315634

Ion Ratio Lower Upper

77 100

97 23.7 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 53.594 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Instrument :

MSVOA_D

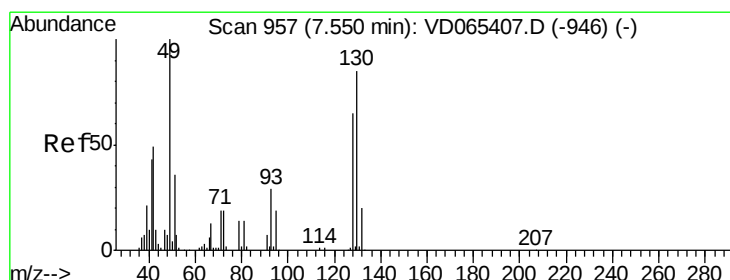
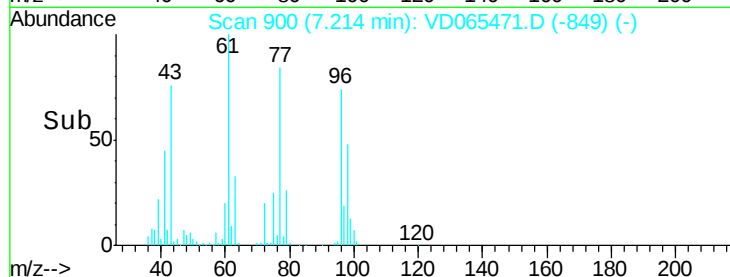
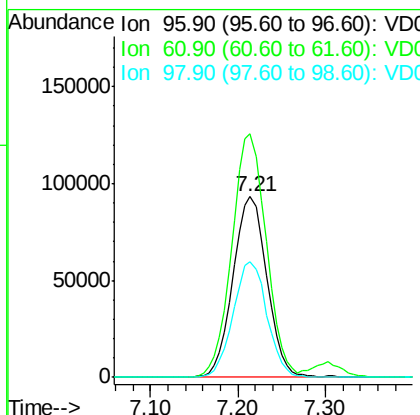
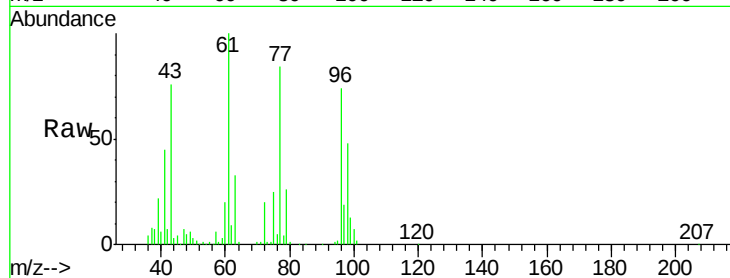
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	245846
Ion Ratio	Lower	Upper	
96	100		
61	136.0	0.0	280.4
98	63.9	0.0	132.6

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#28

Bromochloromethane

Concen: 58.254 ug/l

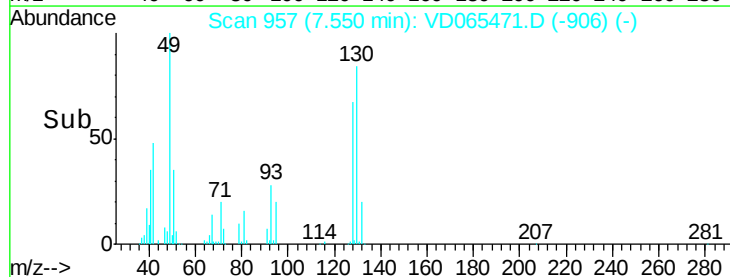
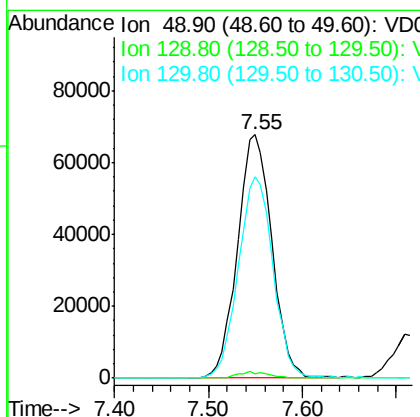
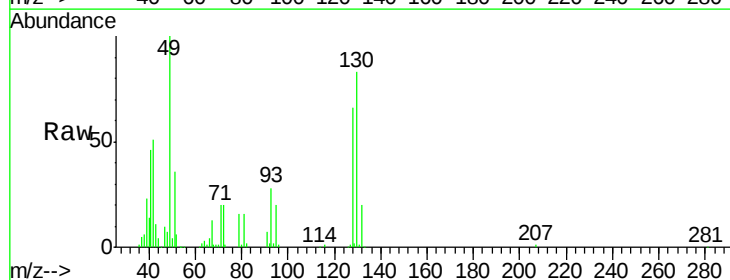
RT: 7.55 min Scan# 957

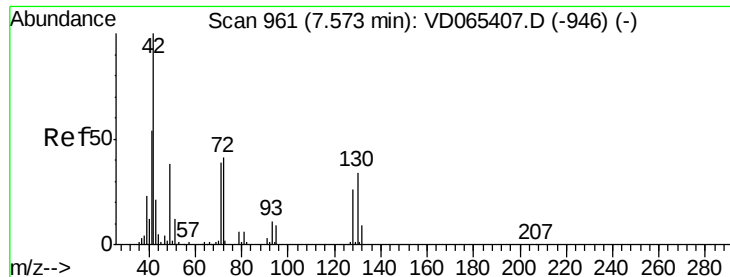
Delta R.T. -0.00 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Tgt Ion:	49	Resp:	172225
Ion Ratio	Lower	Upper	
49	100		
129	2.2	0.0	4.6
130	83.1	66.6	100.0





#29

Tetrahydrofuran

Concen: 276.396 ug/l

RT: 7.57 min Scan# 960

Delta R.T. -0.01 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Instrument :

MSVOA_D

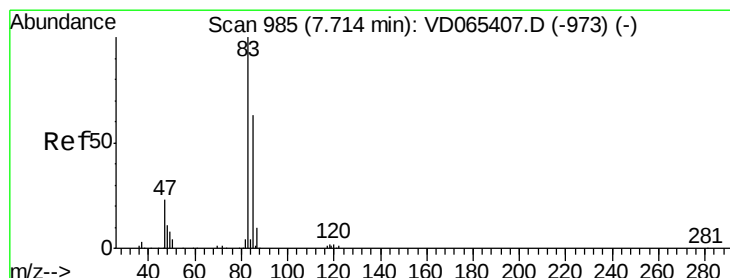
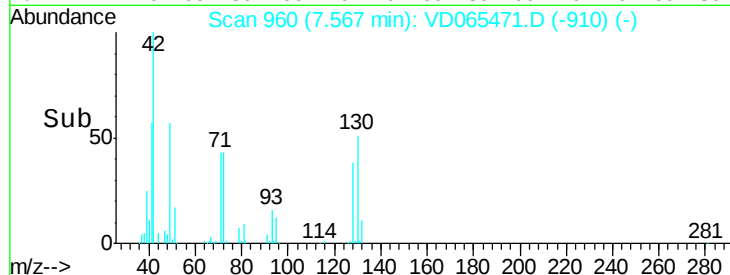
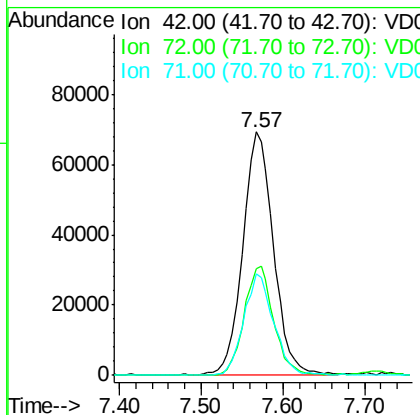
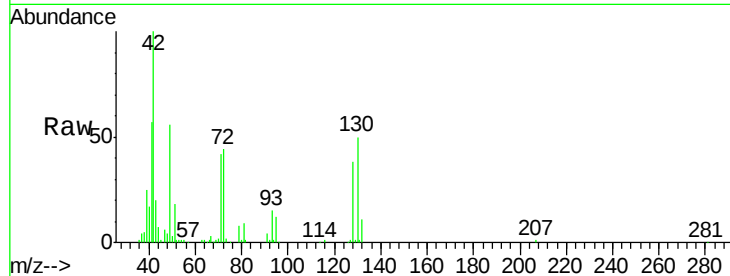
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	181270
Ion	Ratio	Lower	Upper
42	100		
72	42.9	33.0	49.6
71	40.3	32.0	48.0

Manual Integrations
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#30

Chloroform

Concen: 53.193 ug/l

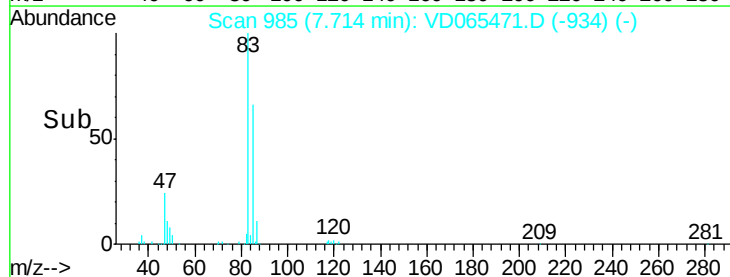
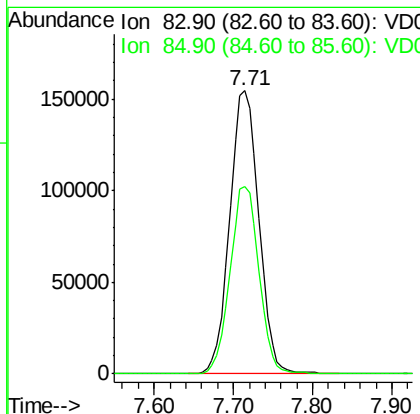
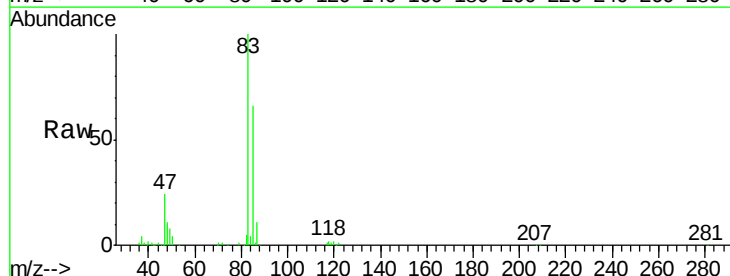
RT: 7.71 min Scan# 985

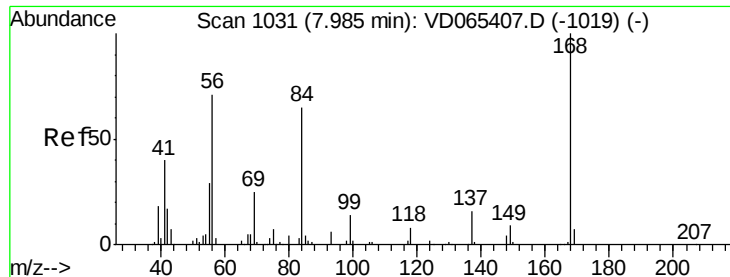
Delta R.T. -0.00 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Tgt Ion:	83	Resp:	392882
Ion	Ratio	Lower	Upper
83	100		
85	66.2	50.3	75.5





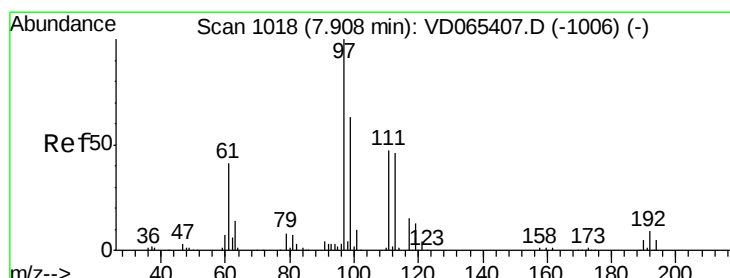
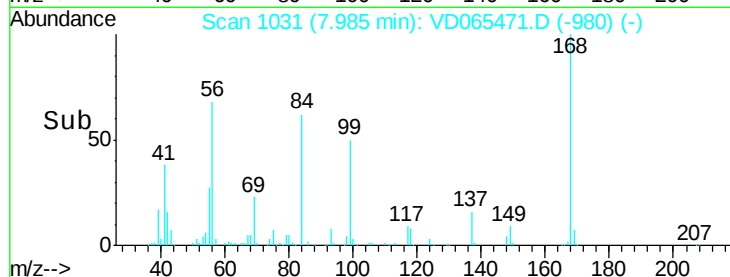
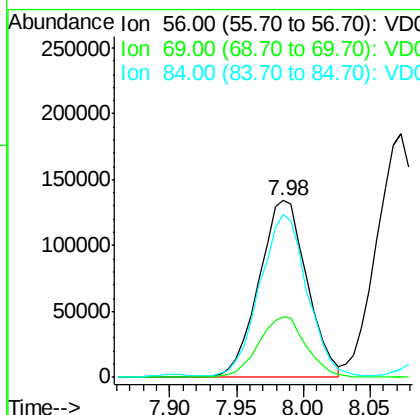
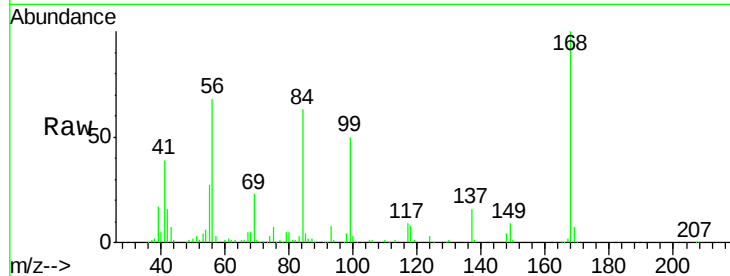
#31
Cyclohexane
Concen: 45.441 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.1	28.3	42.5
84	90.7	73.1	109.7

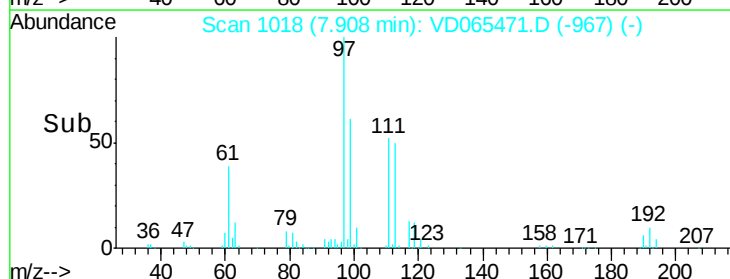
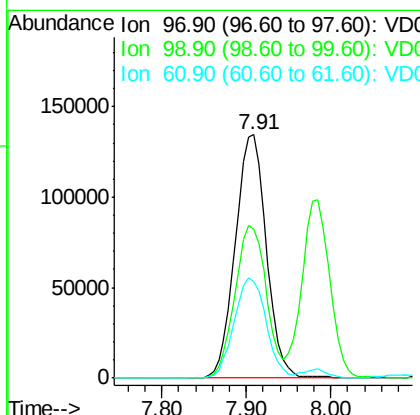
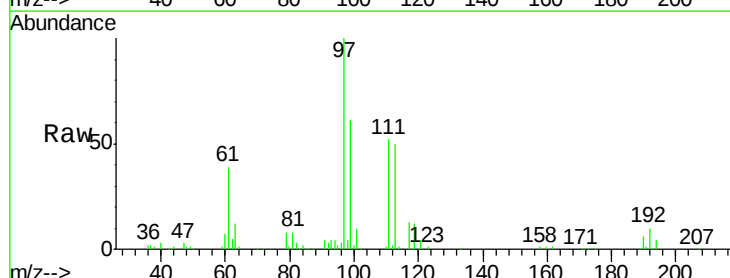
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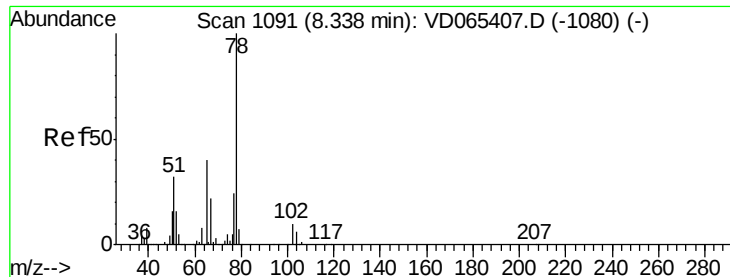
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#32
1,1,1-Trichloroethane
Concen: 50.112 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	50.9	76.3
61	42.3	33.2	49.8





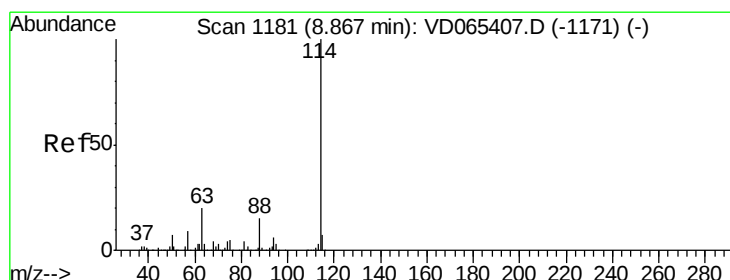
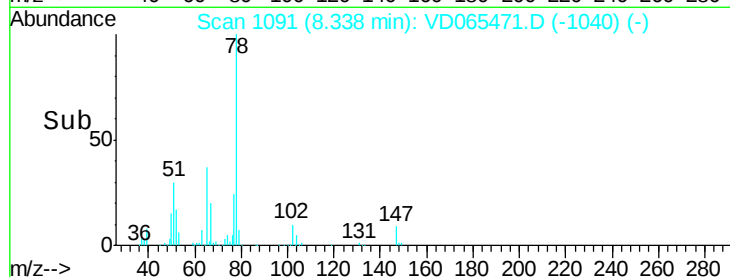
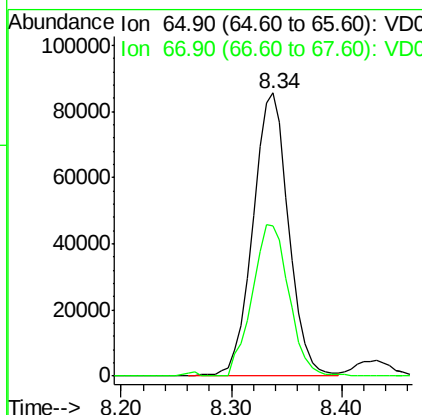
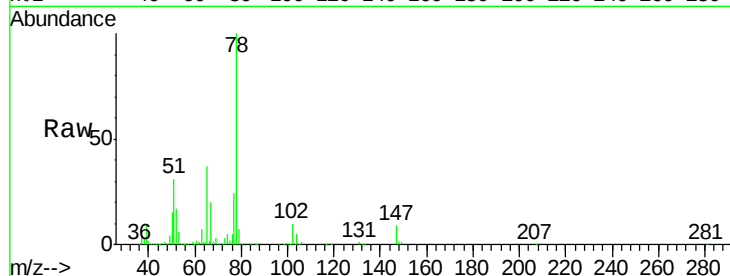
#33
 1,2-Dichloroethane-d4
 Concen: 51.932 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065471.D
 Acq: 10 Mar 2020 19:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	193241		
67	55.3	0.0	108.0	

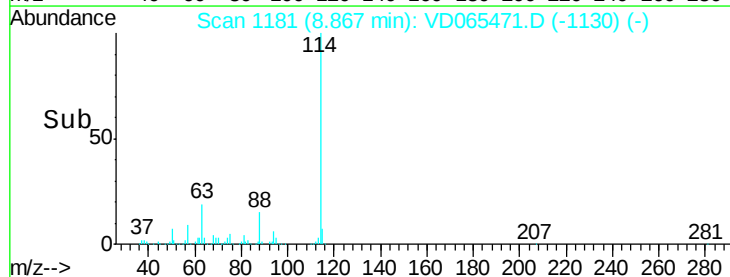
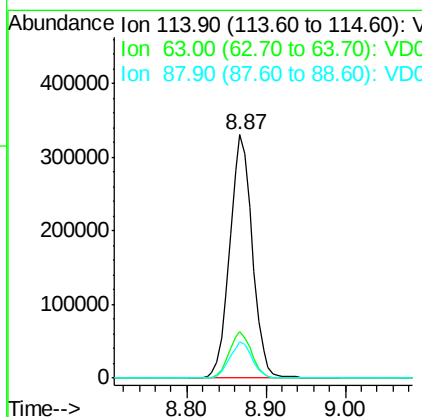
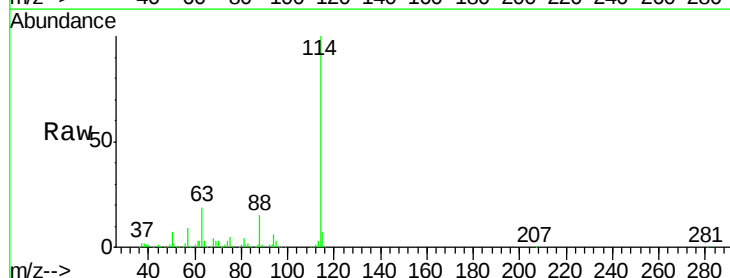
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065471.D
 Acq: 10 Mar 2020 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	650187		
63	19.3	0.0	39.6	
88	15.2	0.0	30.4	





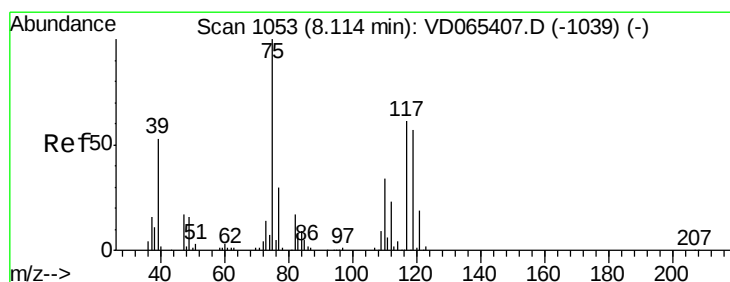
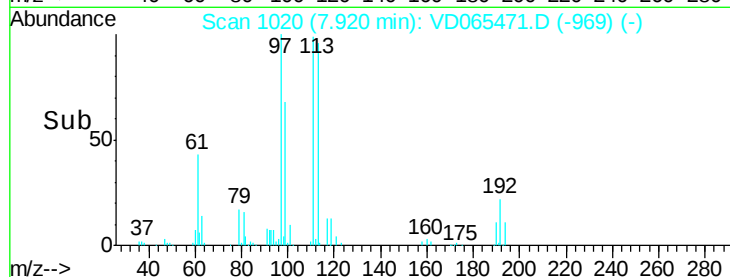
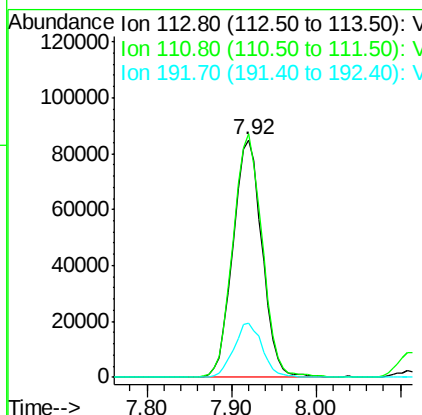
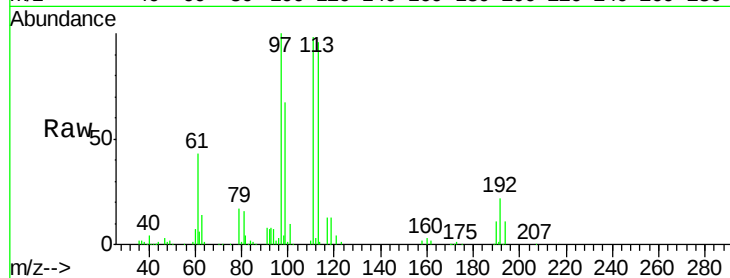
#35
Dibromofluoromethane
Concen: 50.256 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.1	123.1
192	22.2	17.2	25.8

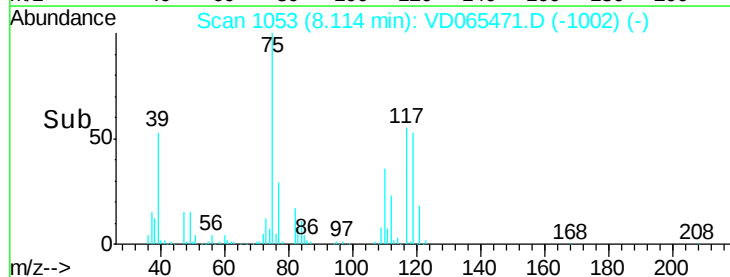
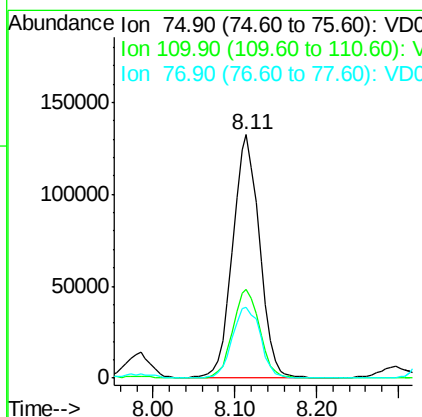
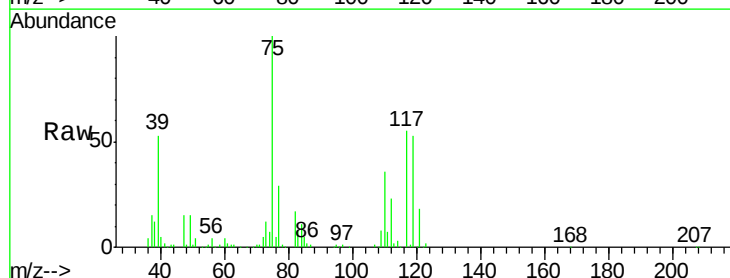
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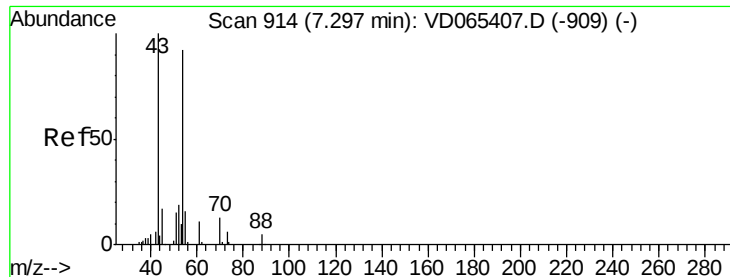
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#36
1,1-Dichloropropene
Concen: 48.329 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.1	54.1
77	31.1	25.2	37.8





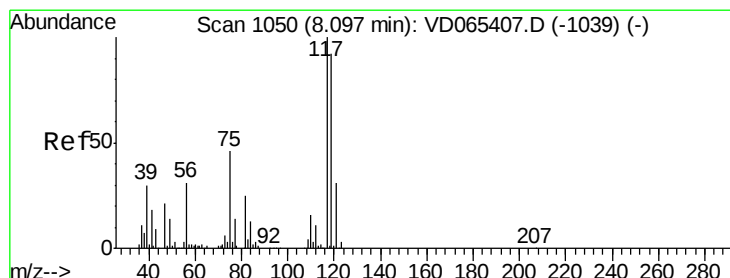
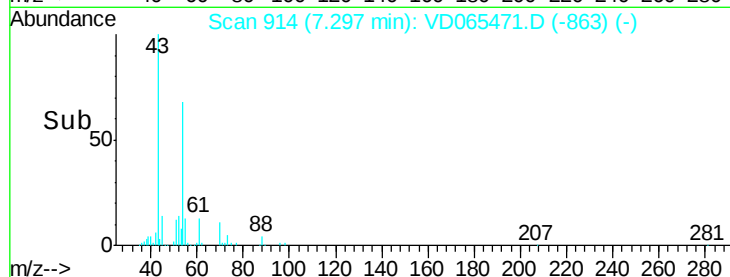
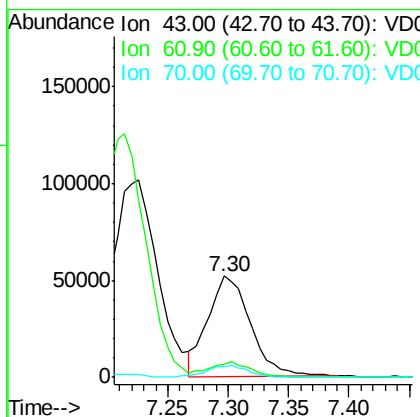
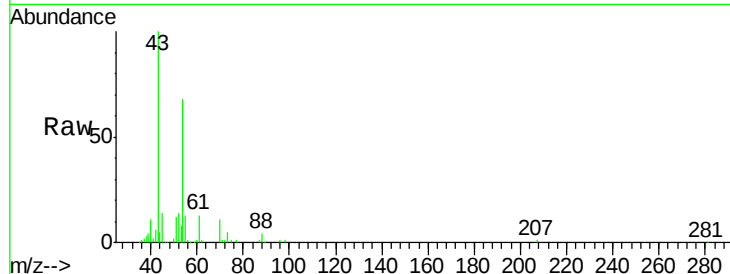
#37
Ethyl Acetate
Concen: 52.617 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.4	17.0
70	11.6	9.0	13.4

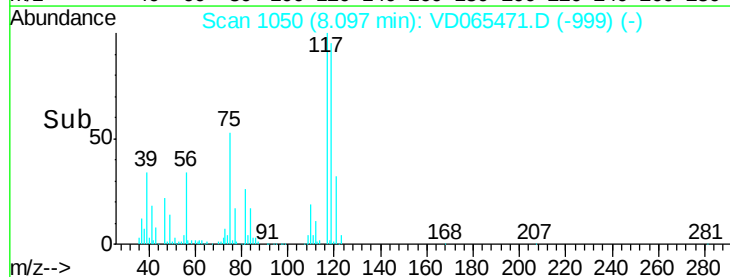
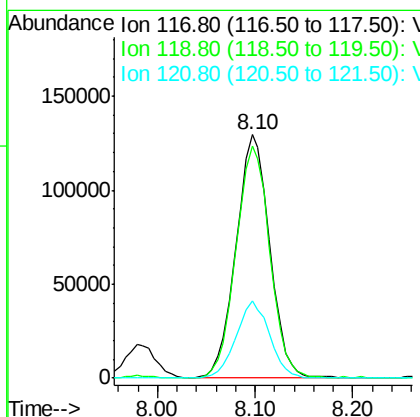
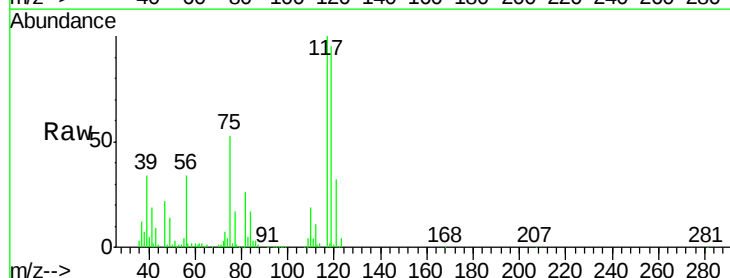
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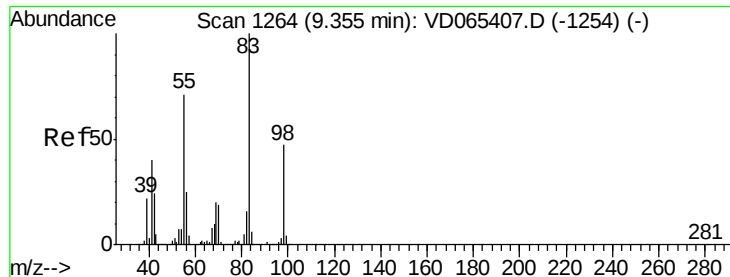
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#38
Carbon Tetrachloride
Concen: 47.943 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	73.3	109.9
121	31.7	25.0	37.4





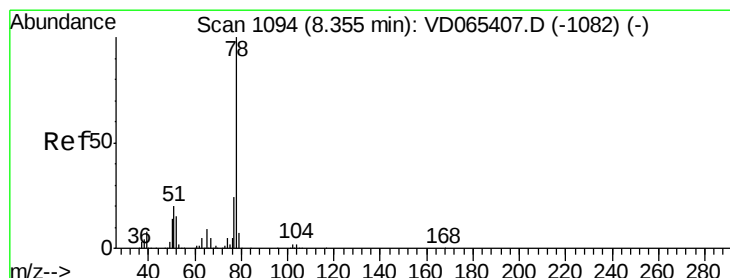
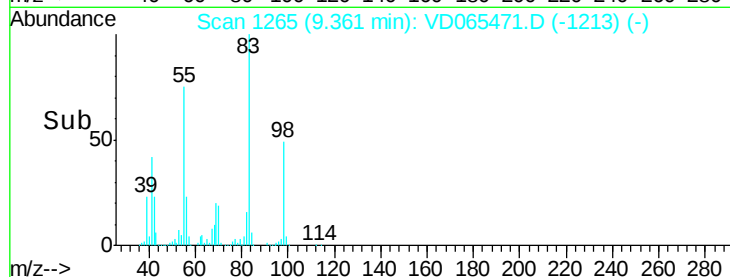
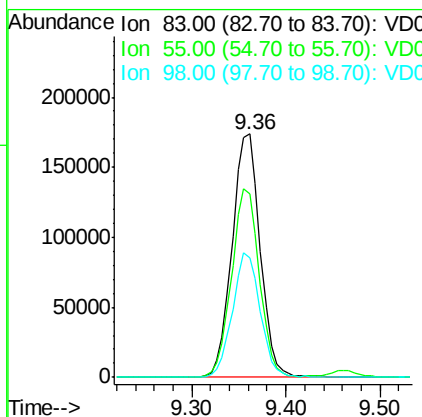
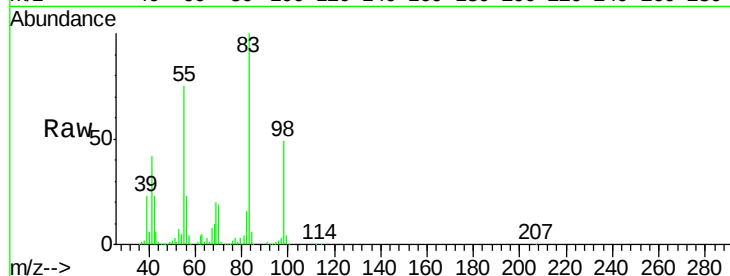
#39
Methylvlcyclohexane
Concen: 47.967 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.1	57.1	85.7
98	49.2	37.8	56.8

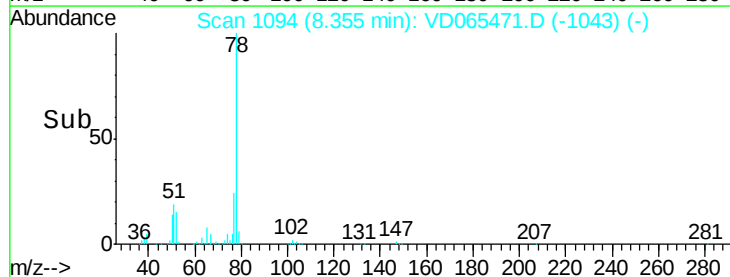
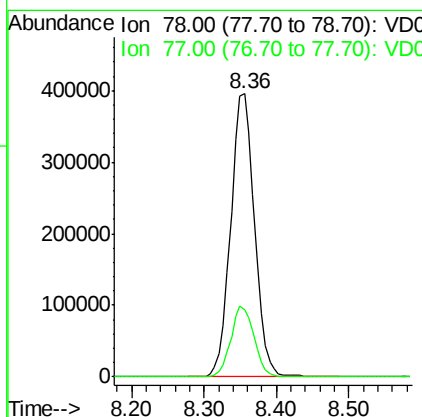
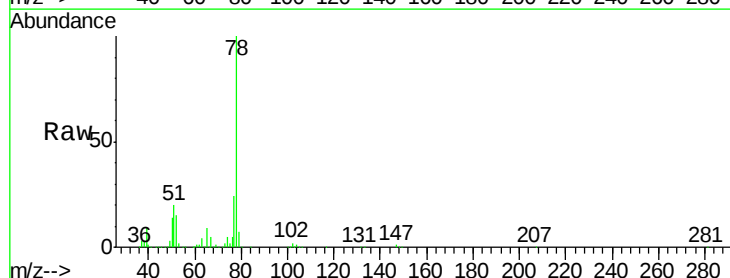
Manual Integrations
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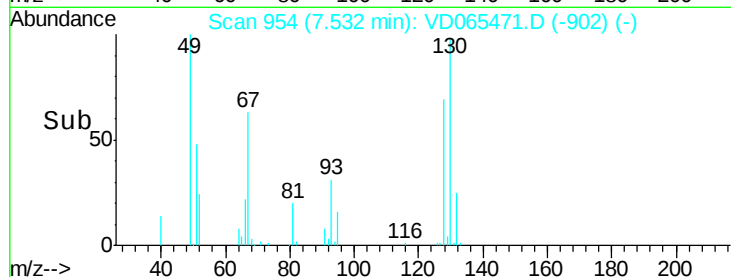
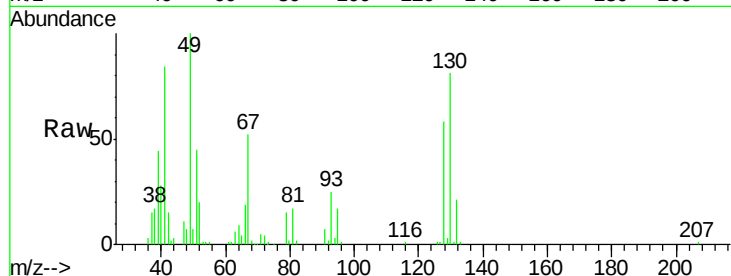
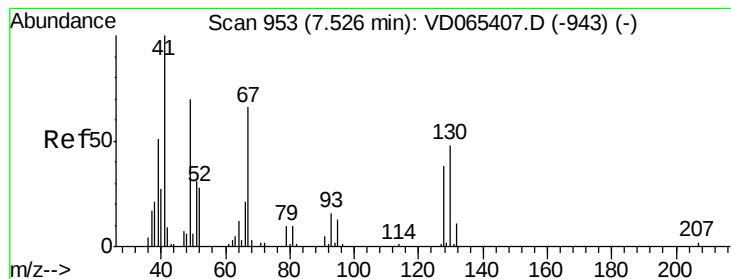
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#40
Benzene
Concen: 51.862 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.4	29.0





#41

Methacrylonitrile

Concen: 48.049 ug/l

RT: 7.53 min Scan# 954

Delta R.T. 0.01 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Tot Ion	Ion	Ratio	Lower	Upper
61213	41	100		
	39	72.4	55.0	82.6
	67	86.6	70.3	105.5
	52	36.0	30.7	46.1

Instrument :

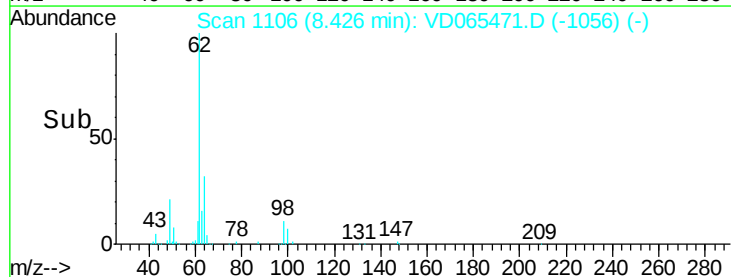
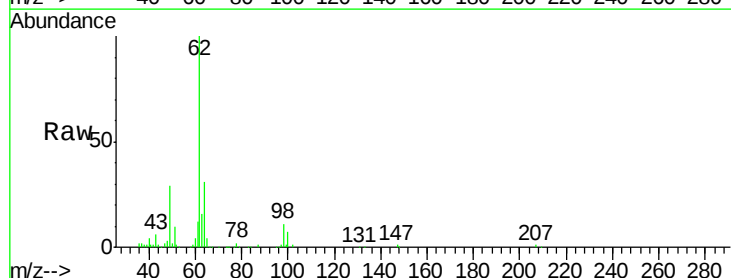
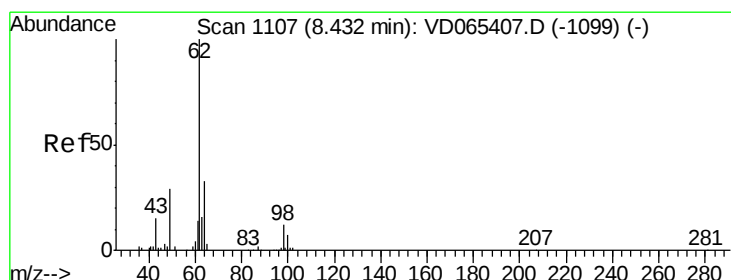
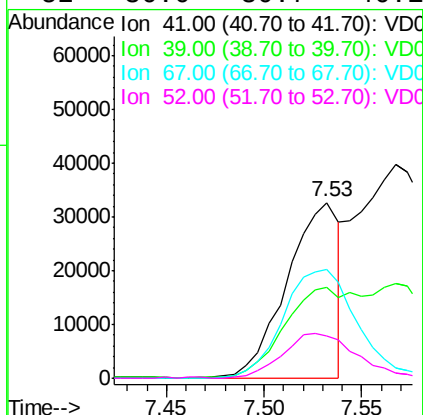
MSVOA_D

ClientSampleId :

VSTDCCC050EC

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#42

1,2-Dichloroethane

Concen: 52.540 ug/l

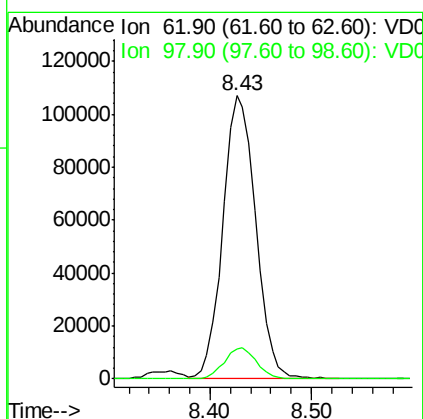
RT: 8.43 min Scan# 1106

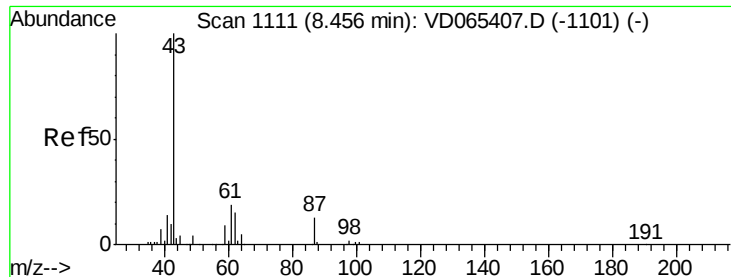
Delta R.T. -0.01 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Tgt Ion	Ion	Ratio	Lower	Upper
239072	62	100		
	98	10.7	0.0	21.4





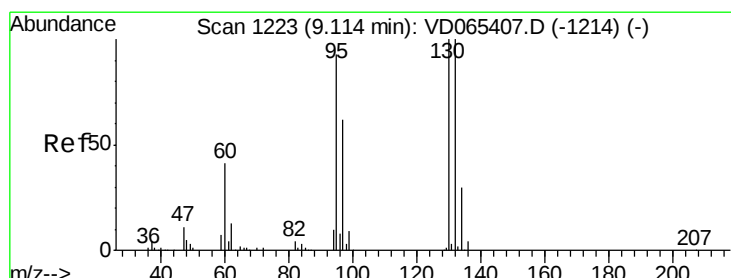
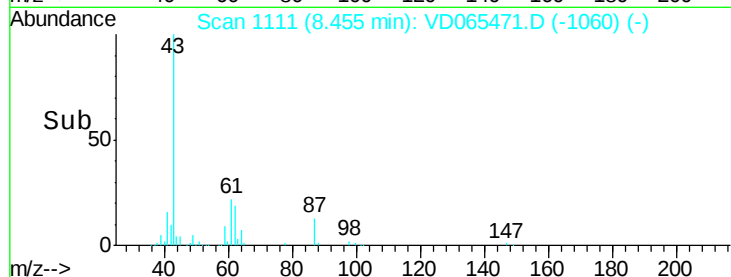
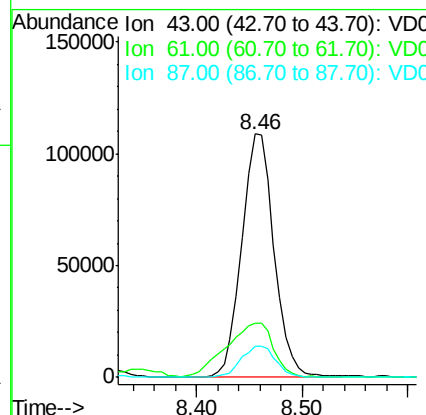
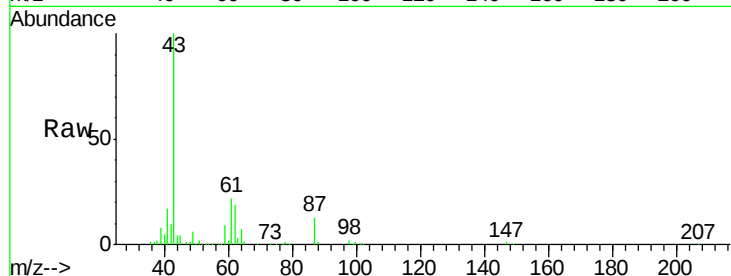
#43
Isopropyl Acetate
Concen: 51.701 ug/l
RT: 8.46 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	32.9	25.0	37.6
87	13.9	11.0	16.4

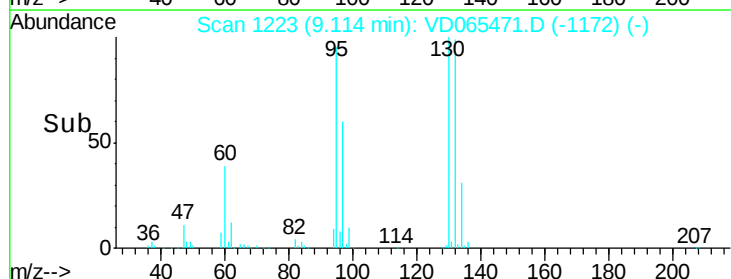
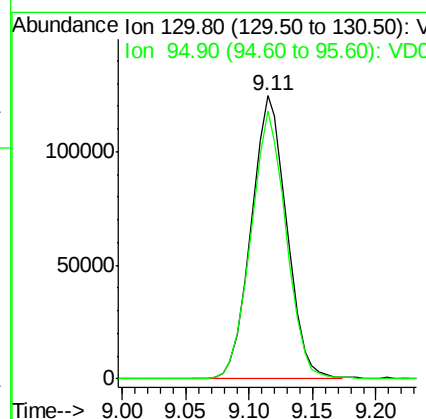
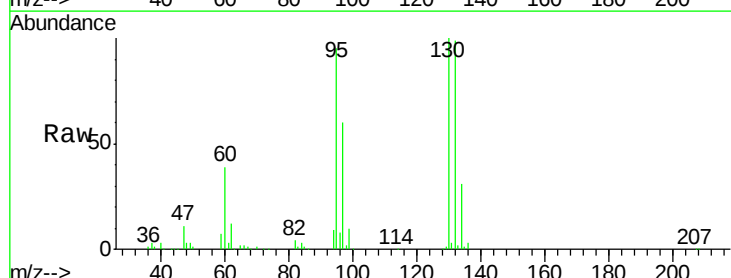
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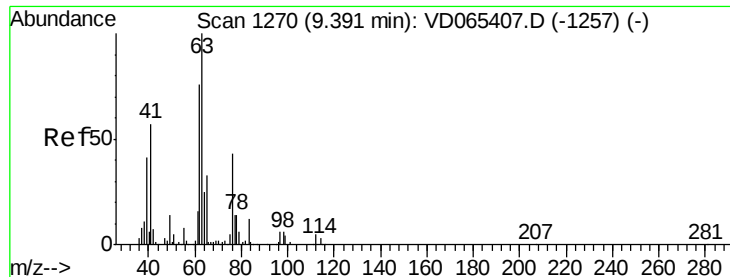
MMDadoda
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#44
Trichloroethene
Concen: 49.337 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.6	0.0	186.0





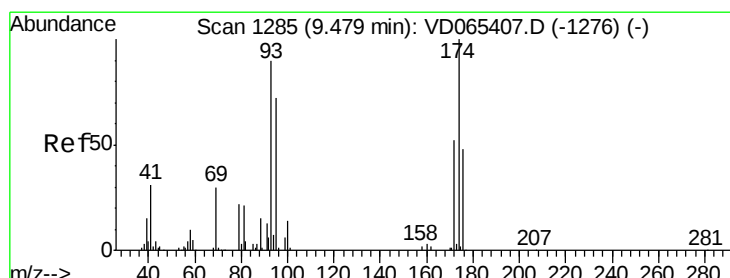
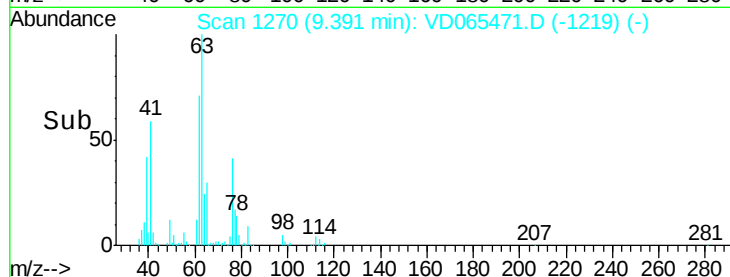
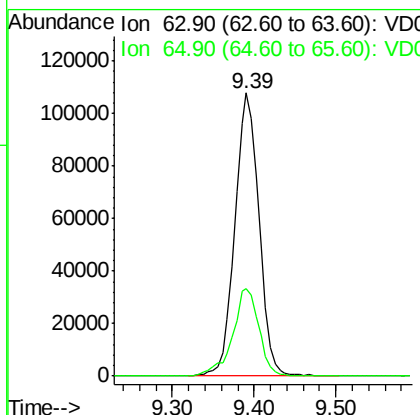
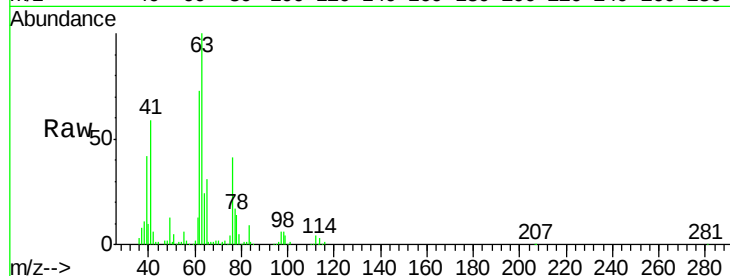
#45
 1,2-Dichloropropane
 Concen: 52.441 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065471.D
 Acq: 10 Mar 2020 19:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	26.4	39.6

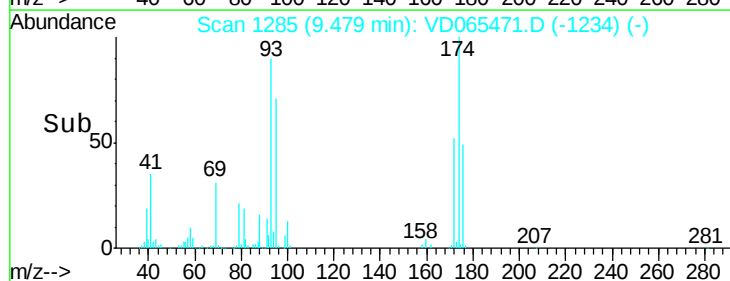
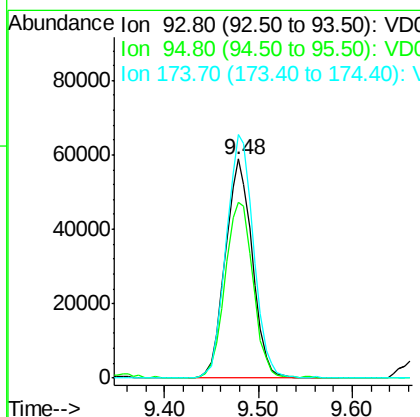
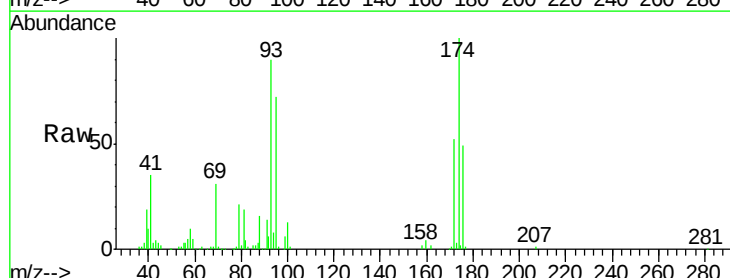
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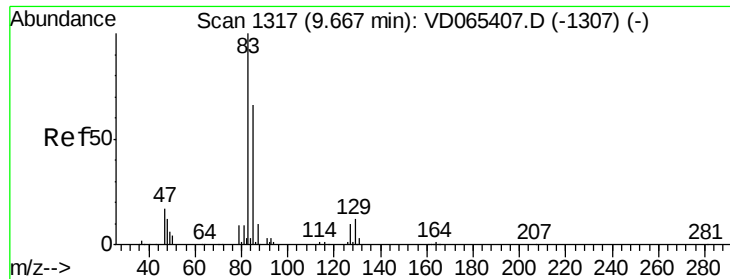
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#46
 Dibromomethane
 Concen: 53.480 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065471.D
 Acq: 10 Mar 2020 19:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	65.0	97.6
174	112.7	88.3	132.5





#47

Bromodichloromethane

Concen: 53.163 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Instrument :

MSVOA_D

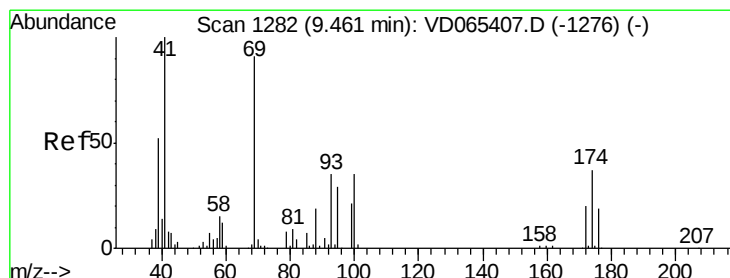
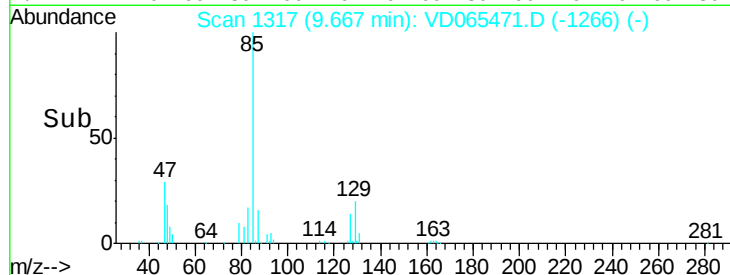
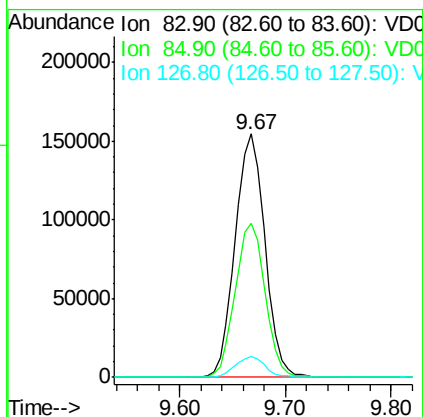
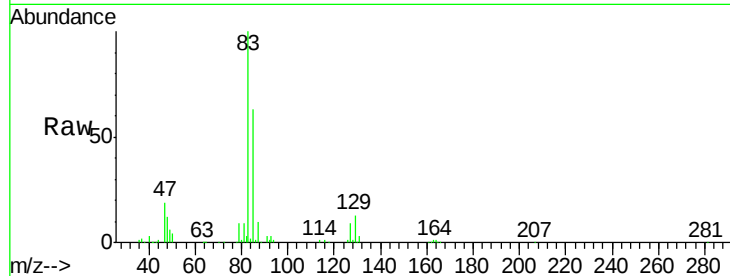
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	302821
Ion	Ratio	Lower	Upper
83	100		
85	63.0	52.8	79.2
127	8.8	8.0	12.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.368 ug/l

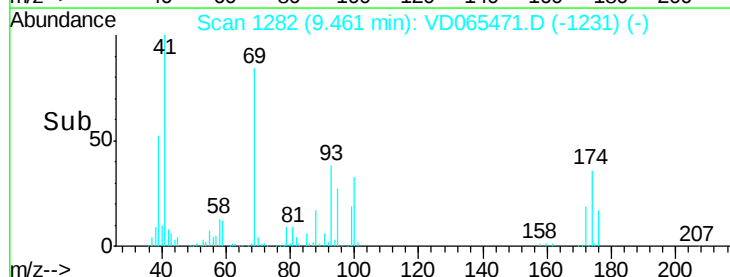
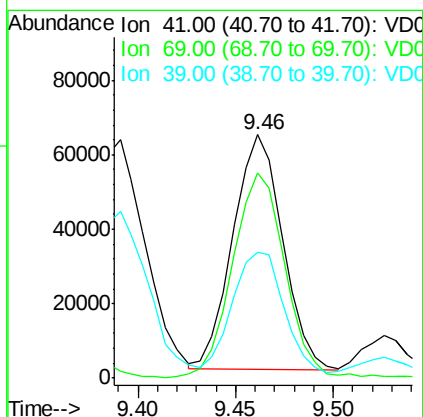
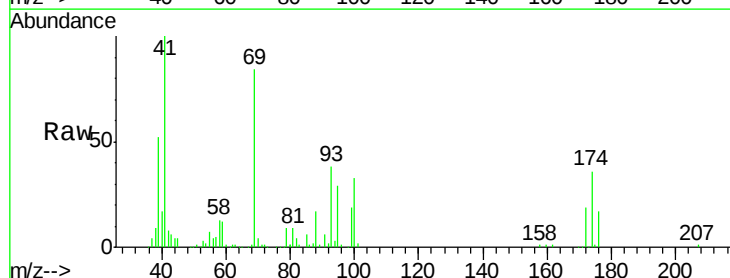
RT: 9.46 min Scan# 1282

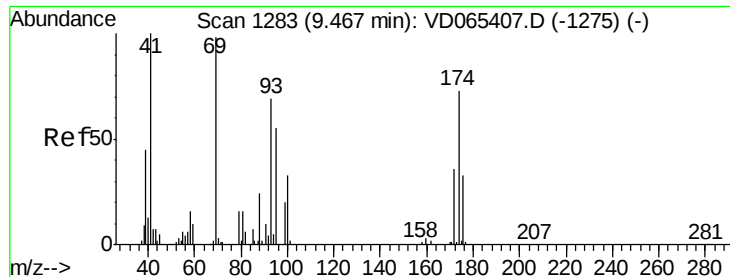
Delta R.T. -0.00 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Tgt Ion:	41	Resp:	111660
Ion	Ratio	Lower	Upper
41	100		
69	91.8	72.5	108.7
39	52.3	41.6	62.4





#49

1,4-Dioxane

Concen: 1095.286 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Instrument :

MSVOA_D

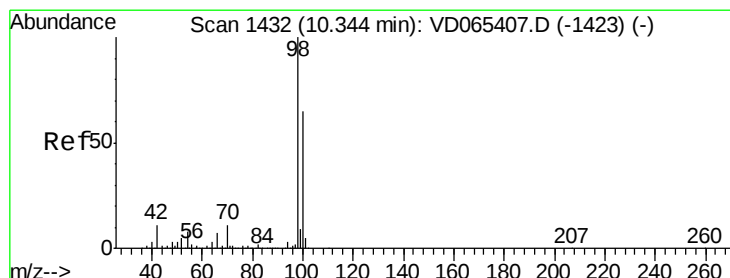
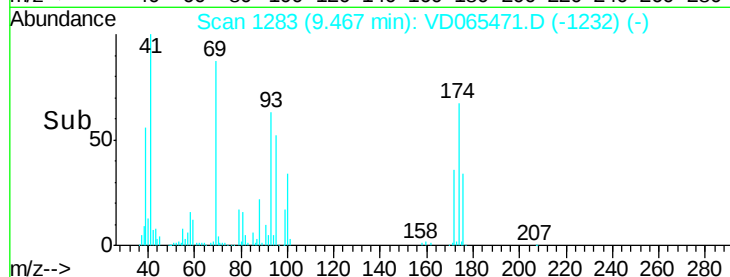
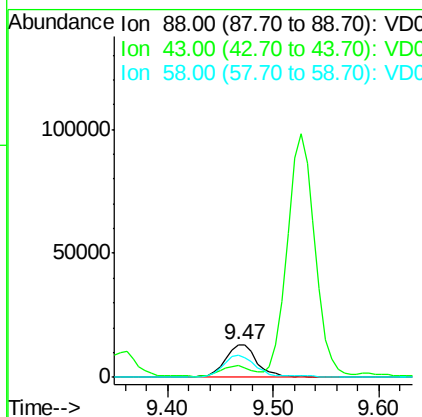
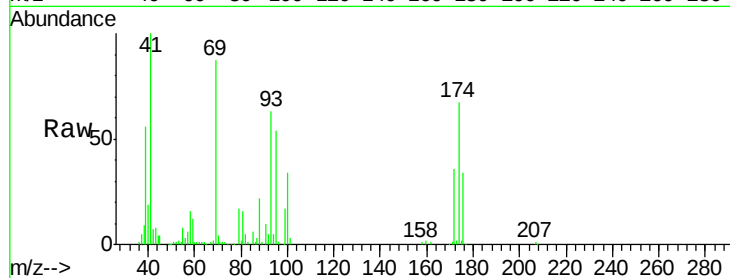
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	27431
Ion	Ratio	Lower	Upper
88	100		
43	29.4	24.5	36.7
58	70.0	54.5	81.7

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#50

Toluene-d8

Concen: 49.855 ug/l

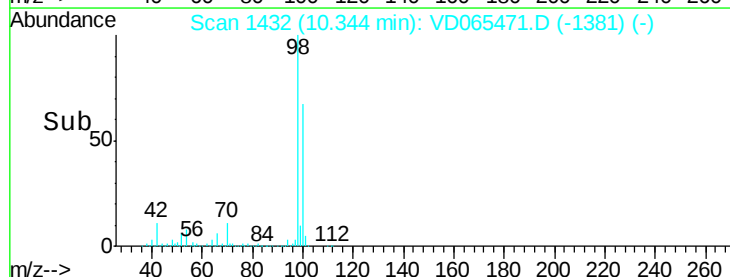
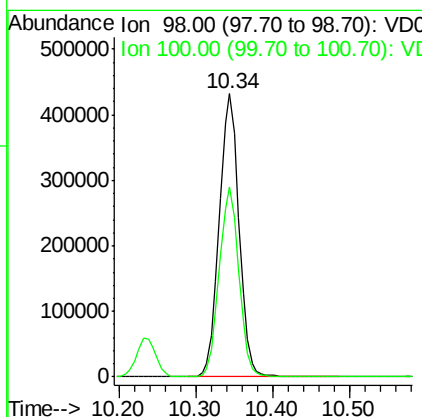
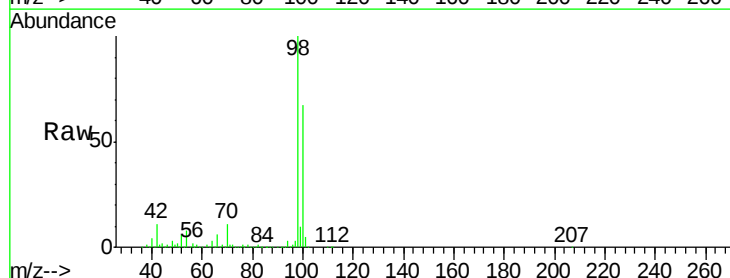
RT: 10.34 min Scan# 1432

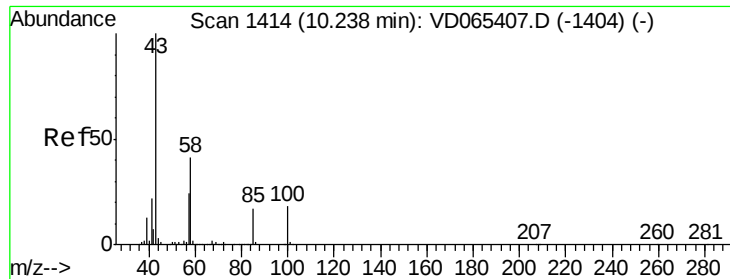
Delta R.T. -0.00 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Tgt Ion:	98	Resp:	769031
Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.8	79.2





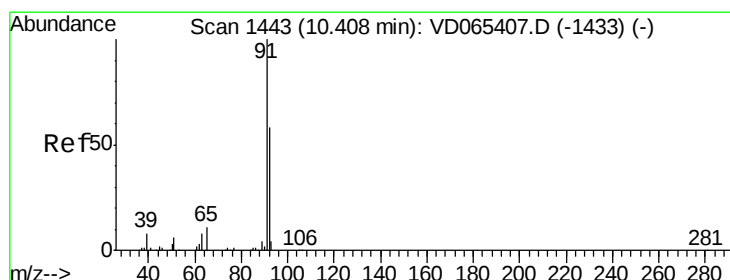
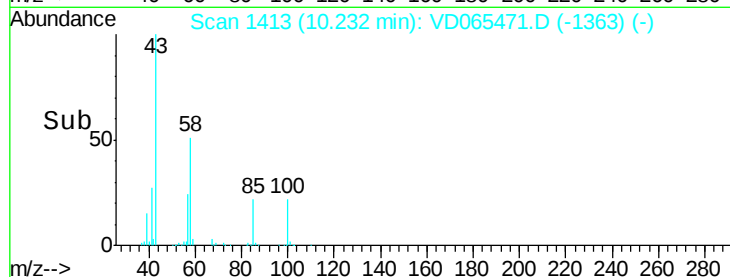
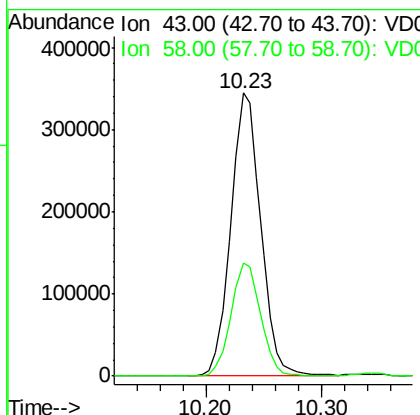
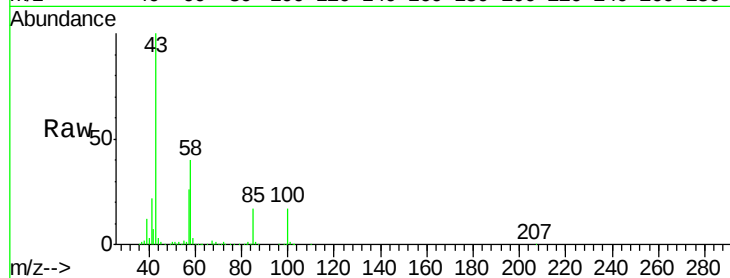
#51
4-Methyl-2-Pentanone
Concen: 277.243 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.01 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.5	31.8	47.6

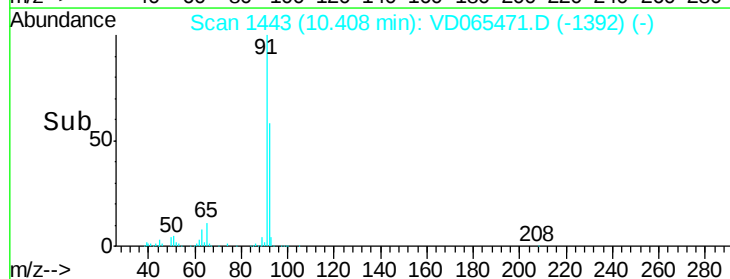
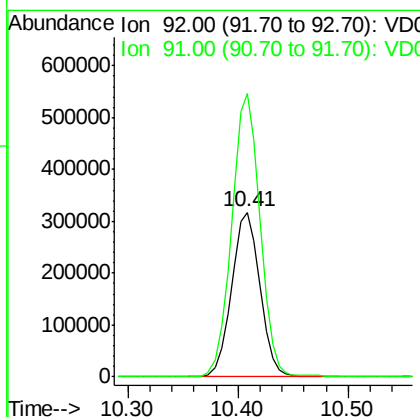
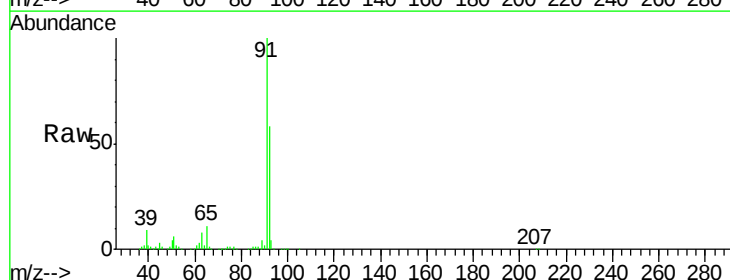
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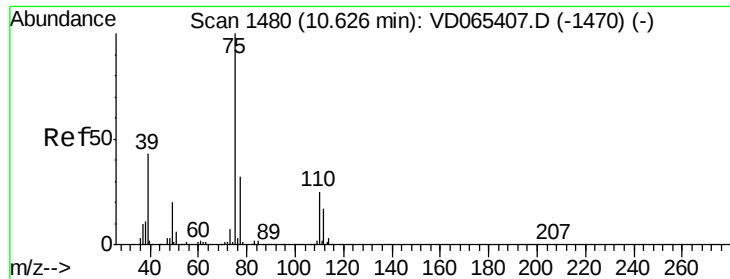
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#52
Toluene
Concen: 52.308 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.0	137.8	206.8





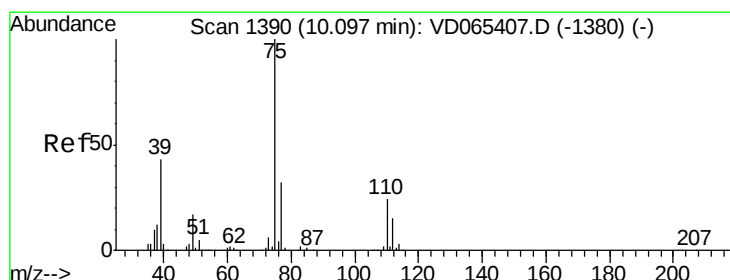
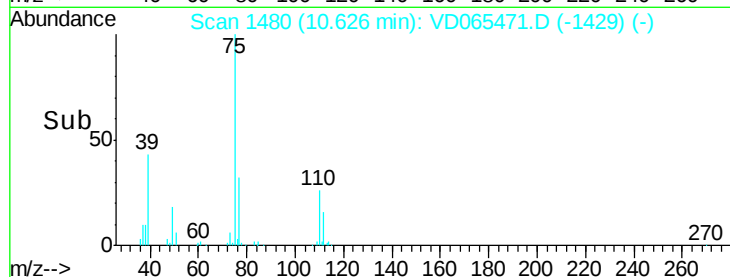
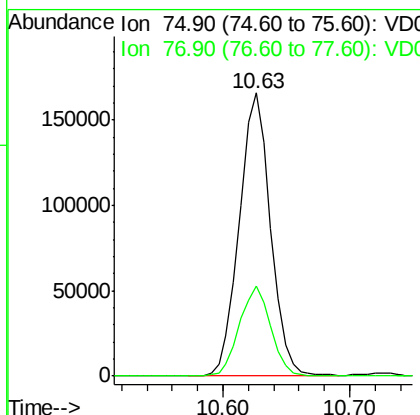
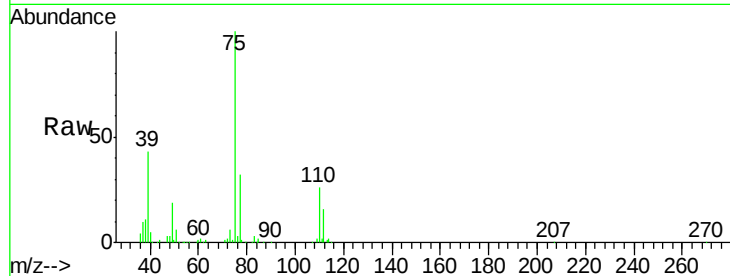
#53
 t-1,3-Dichloropropene
 Concen: 53.290 ug/l
 RT: 10.63 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: VD065471.D
 Acq: 10 Mar 2020 19:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 283668
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.2

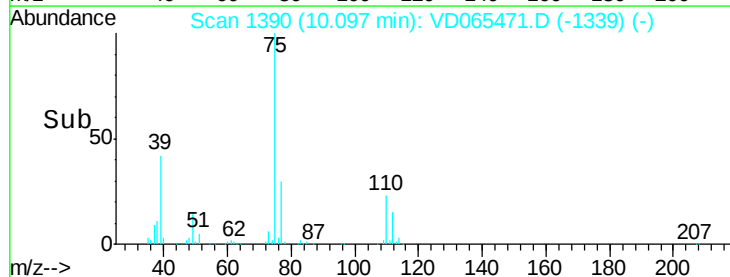
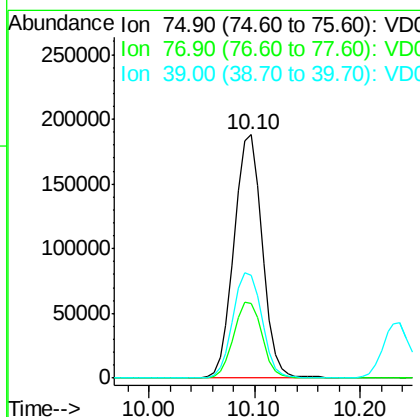
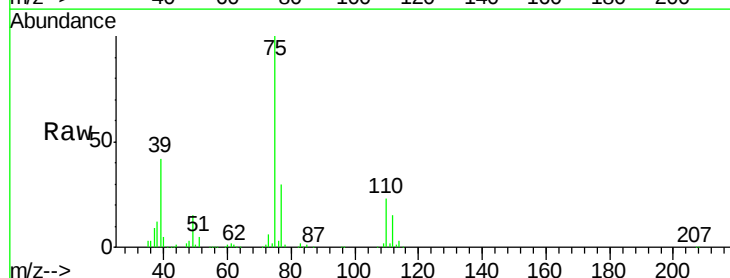
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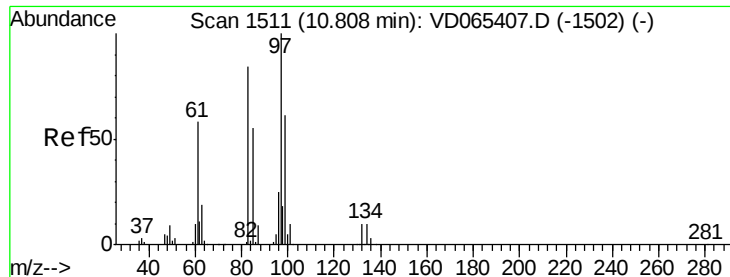
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#54
 cis-1,3-Dichloropropene
 Concen: 53.889 ug/l
 RT: 10.10 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: VD065471.D
 Acq: 10 Mar 2020 19:19

Tgt Ion: 75 Resp: 347217
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.3 37.9
 39 42.4 34.6 52.0





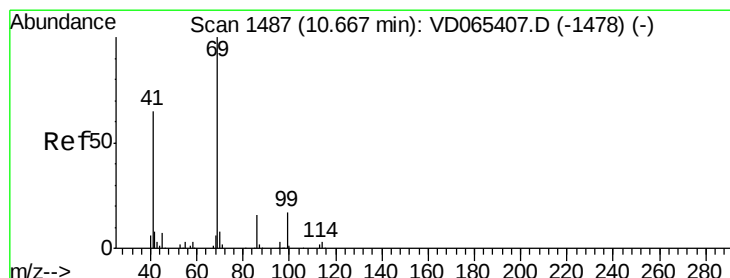
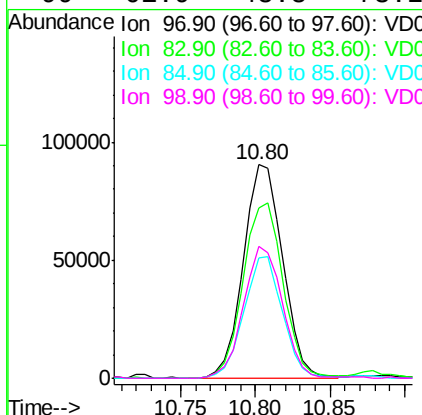
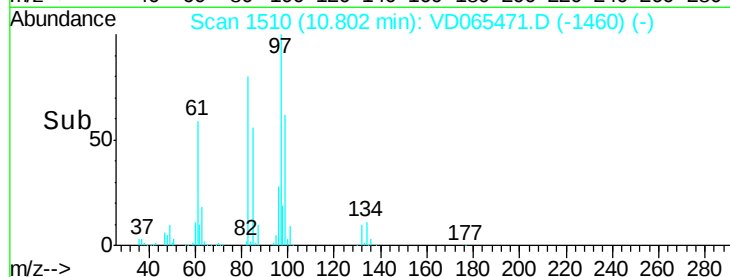
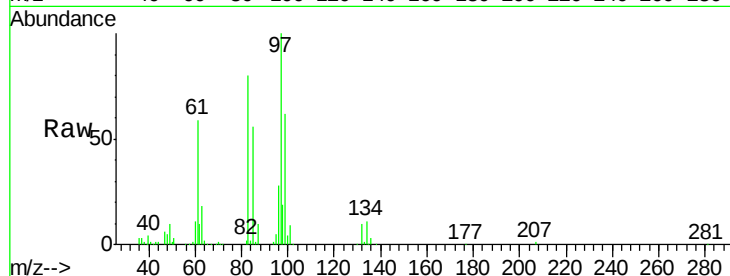
#55
 1,1,2-Trichloroethane
 Concen: 53.224 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.01 min
 Lab File: VD065471.D
 Acq: 10 Mar 2020 19:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	165050
Ion	Ratio	Lower	Upper
97	100		
83	79.5	67.4	101.0
85	56.2	43.8	65.8
99	61.9	48.8	73.2

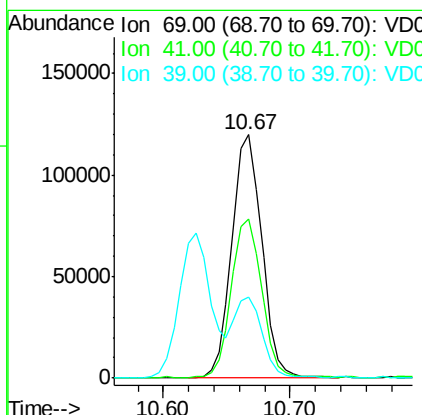
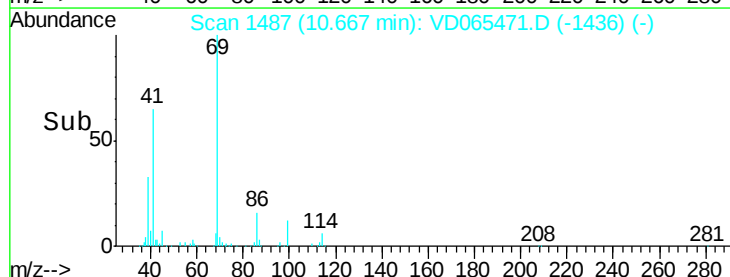
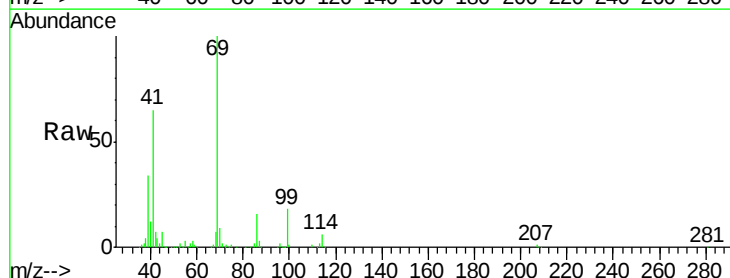
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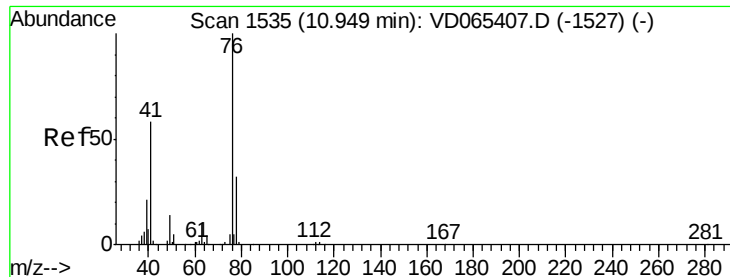
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#56
 Ethyl methacrylate
 Concen: 56.400 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD065471.D
 Acq: 10 Mar 2020 19:19

Tgt Ion:	69	Resp:	197172
Ion	Ratio	Lower	Upper
69	100		
41	65.4	53.0	79.6
39	31.6	26.0	39.0





#57

1,3-Dichloropropane

Concen: 53.207 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 279174

Ion Ratio Lower Upper

76 100

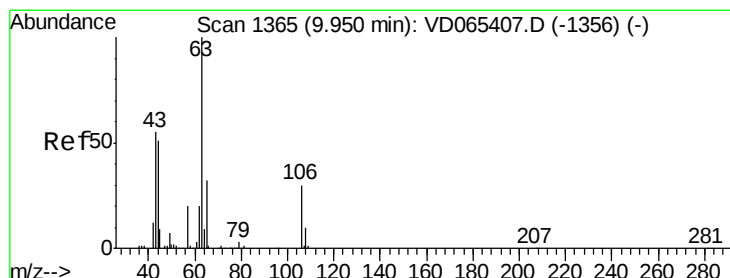
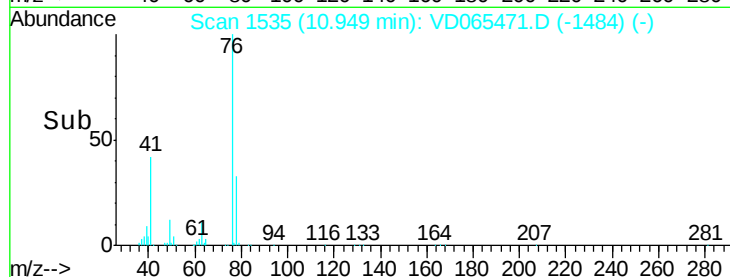
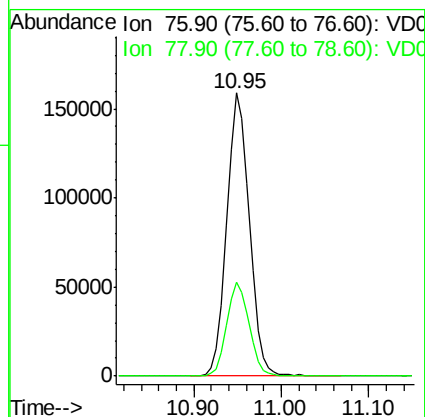
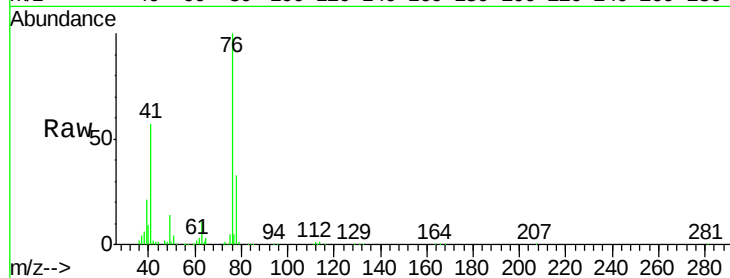
78 33.0 26.0 39.0

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 244.126 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VD065471.D

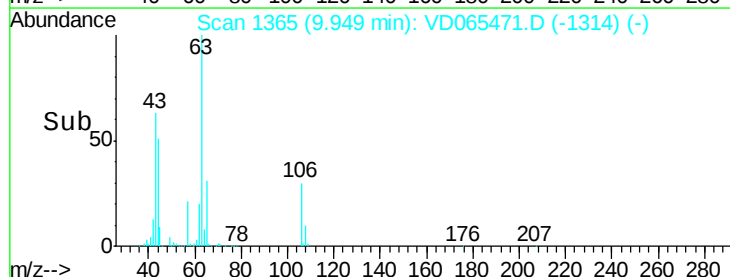
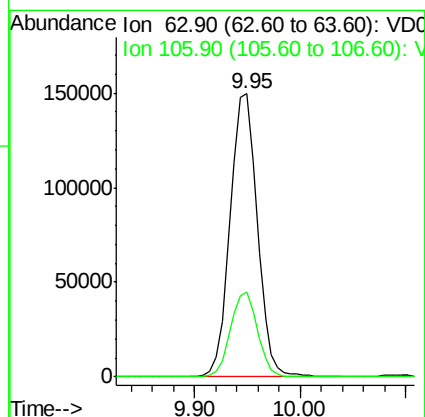
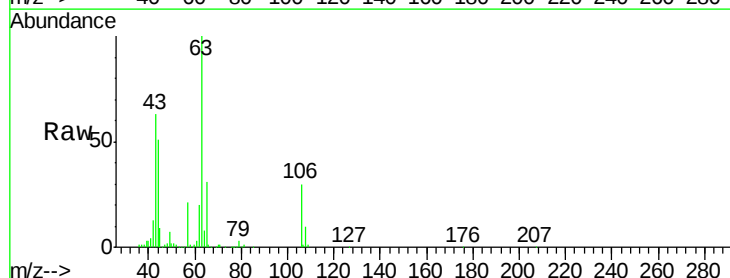
Acq: 10 Mar 2020 19:19

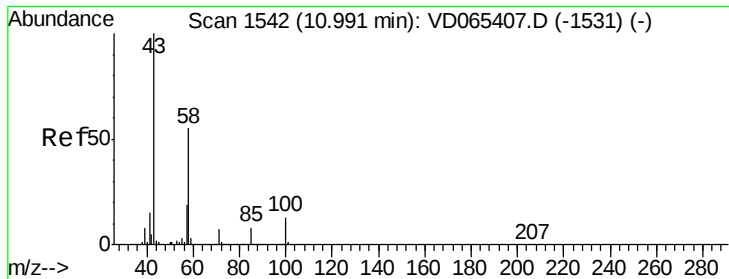
Tgt Ion: 63 Resp: 266686

Ion Ratio Lower Upper

63 100

106 29.9 23.3 34.9





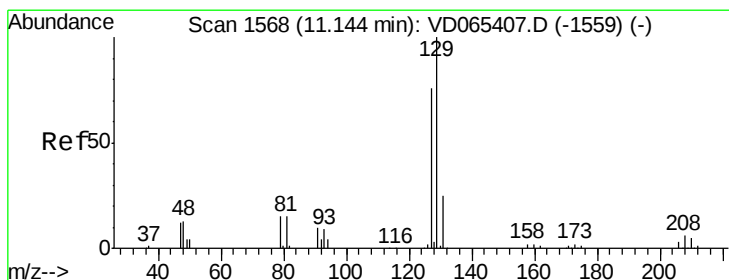
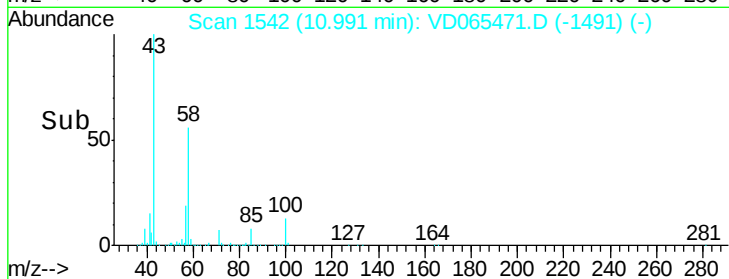
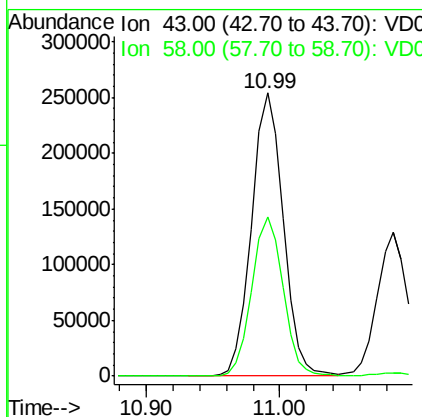
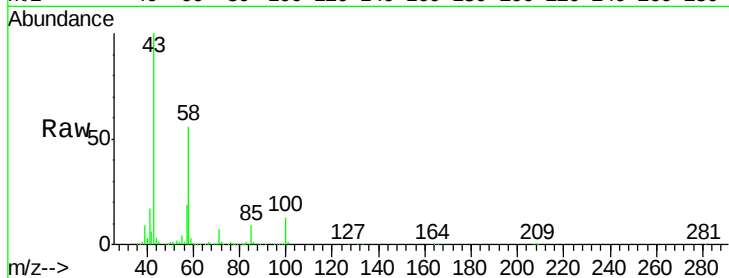
#59
2-Hexanone
Concen: 268.836 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 416547
Ion Ratio Lower Upper
43 100
58 55.7 27.4 82.2

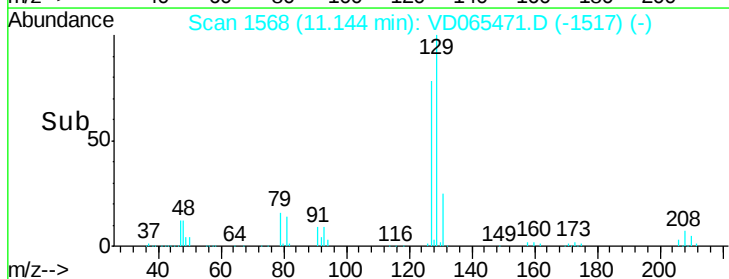
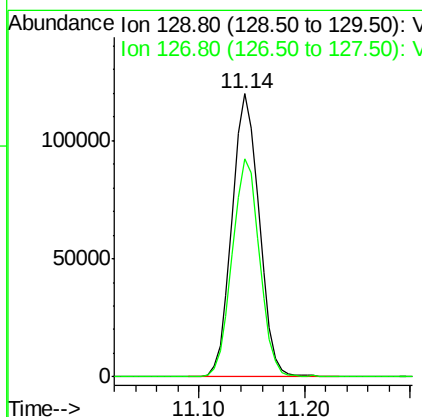
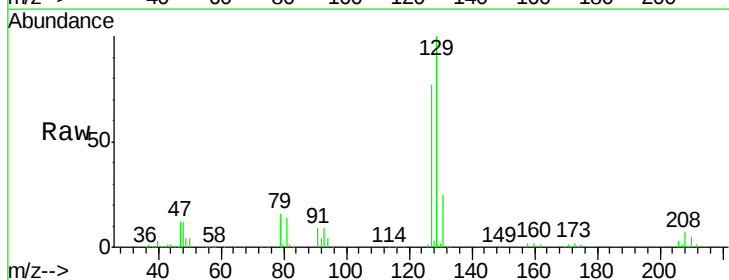
Manual Integrations
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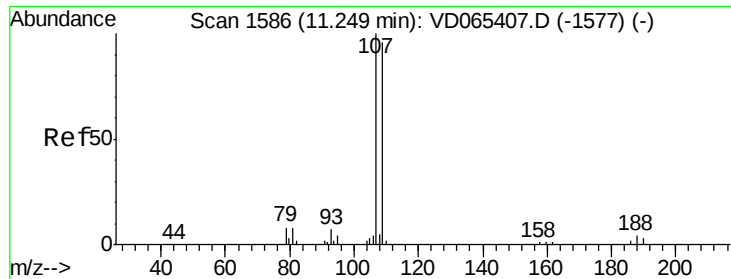
MMDadoda
3/11/2020 3:20:51 PM



#60
Dibromochloromethane
Concen: 53.814 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Tgt Ion: 129 Resp: 213915
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5





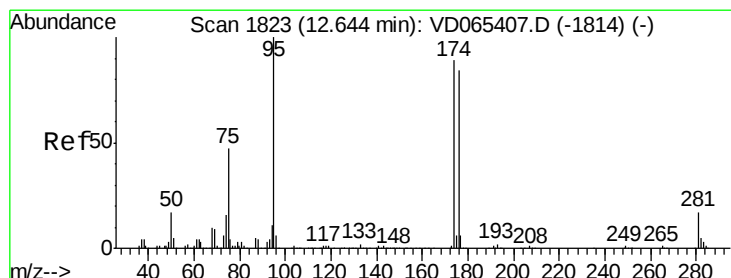
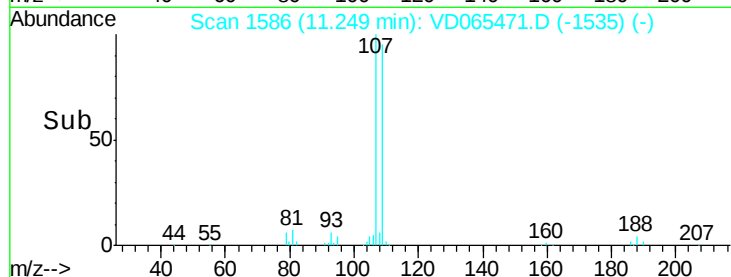
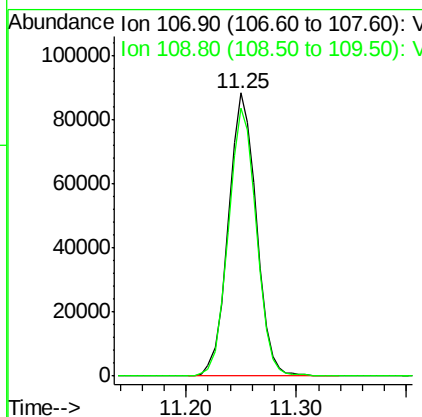
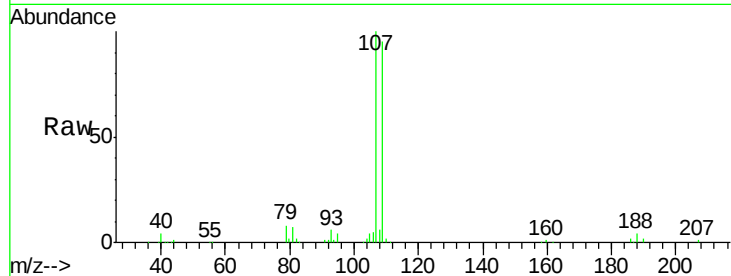
#61
1,2-Dibromoethane
Concen: 53.128 ug/l
RT: 11.25 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.8	76.8	115.2

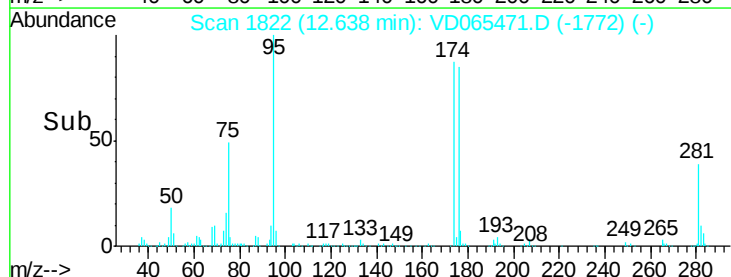
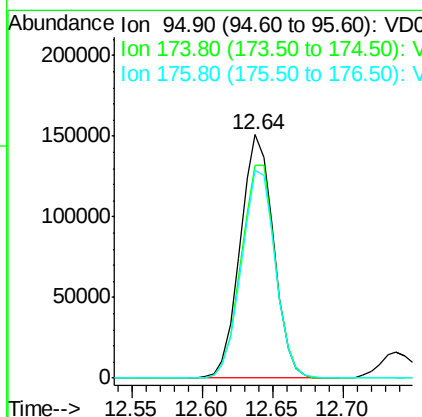
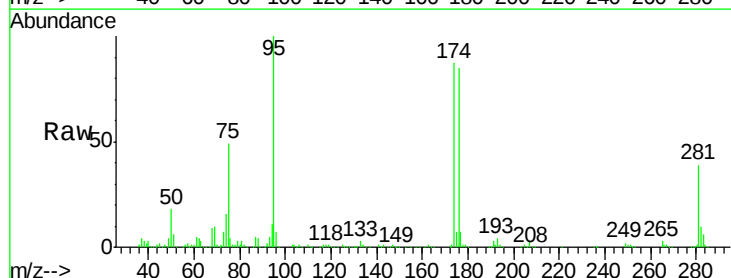
Manual Integrations
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MMDadoda
3/11/2020 3:20:51 PM



#62
4-Bromofluorobenzene
Concen: 52.454 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.01 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.0	0.0	176.8
176	86.9	0.0	171.4





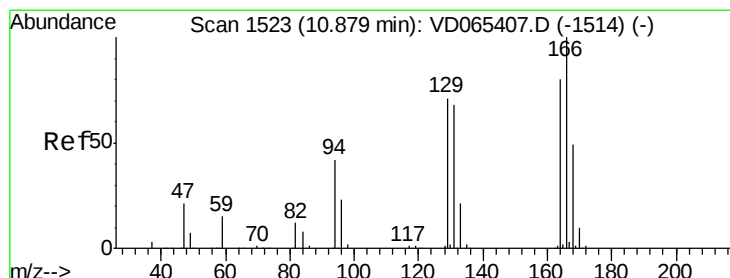
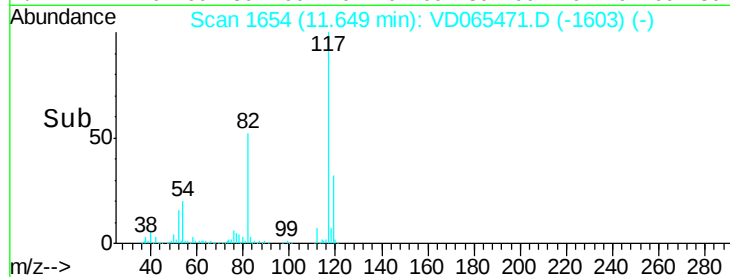
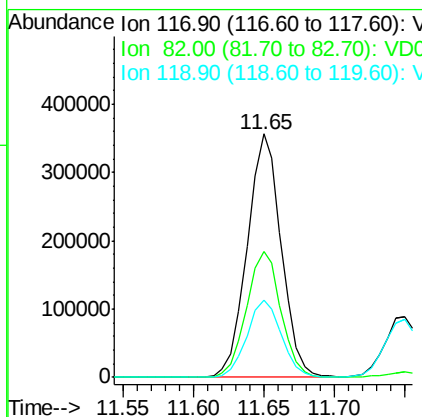
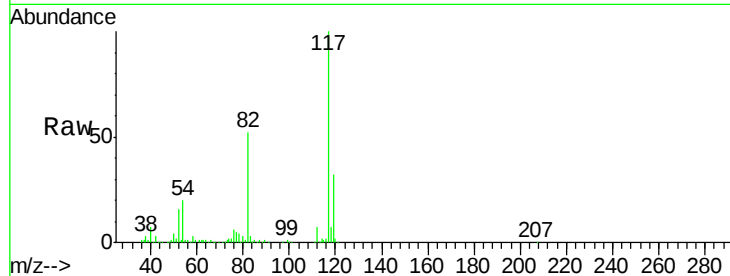
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	603567		
82	51.8		40.6	60.8
119	31.9		25.4	38.2

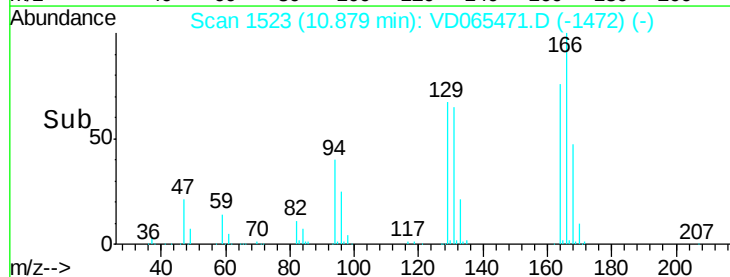
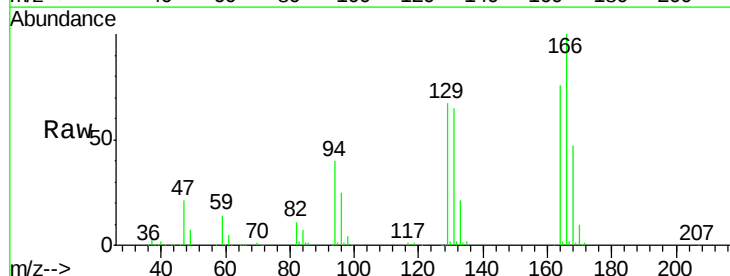
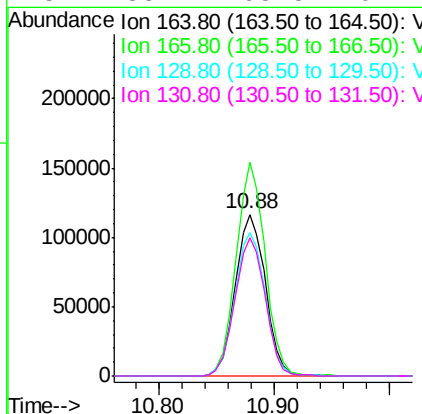
Manual Integrations
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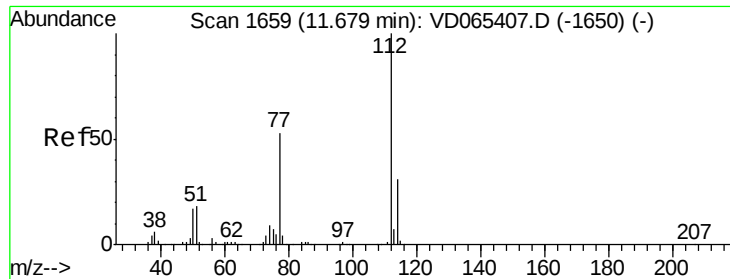
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#64
Tetrachloroethene
Concen: 48.439 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	209495		
166	132.3		100.5	150.7
129	88.9		71.5	107.3
131	85.7		68.5	102.7





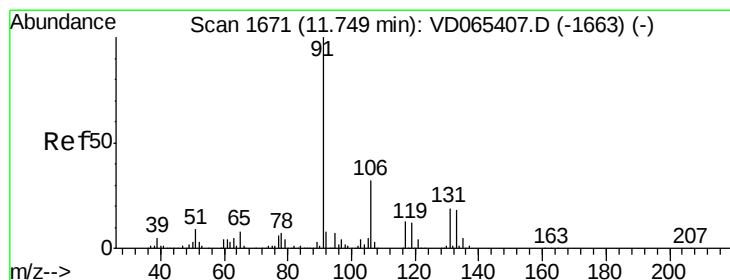
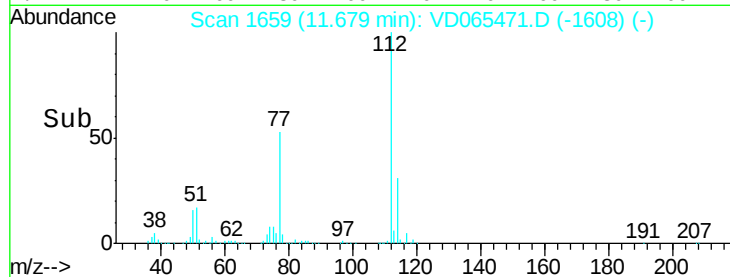
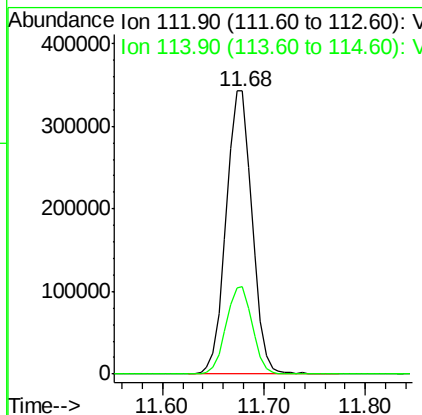
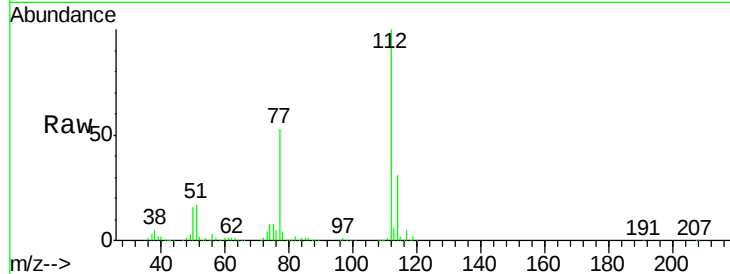
#65
Chlorobenzene
Concen: 51.016 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.9	24.4	36.6

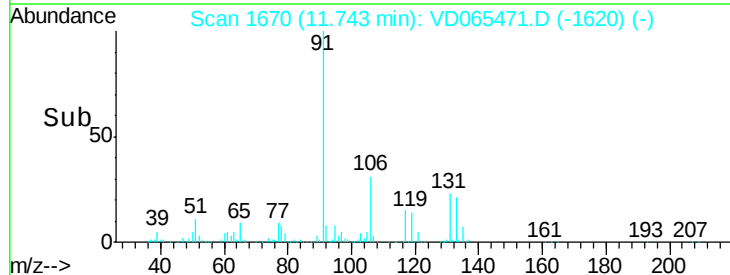
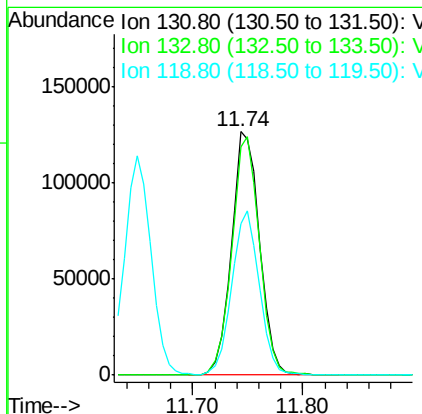
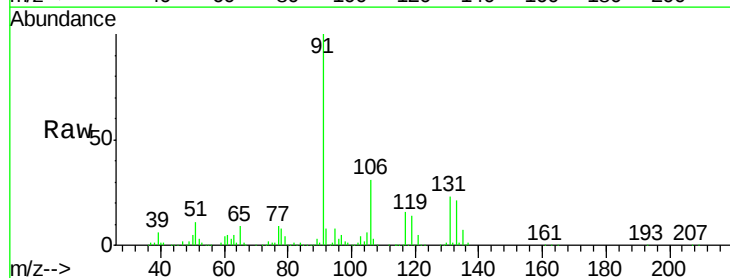
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APPROVED

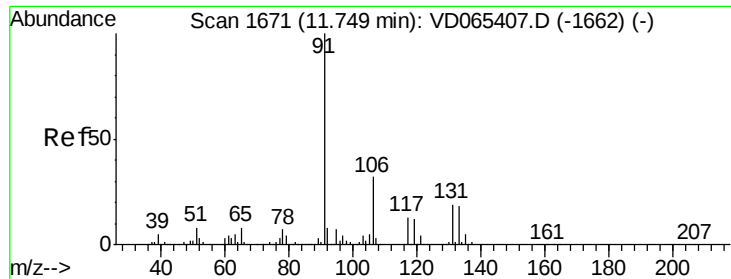
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.901 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.4	49.2	147.6
119	66.1	33.3	99.8





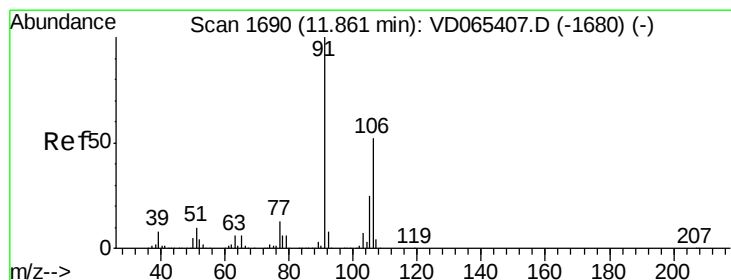
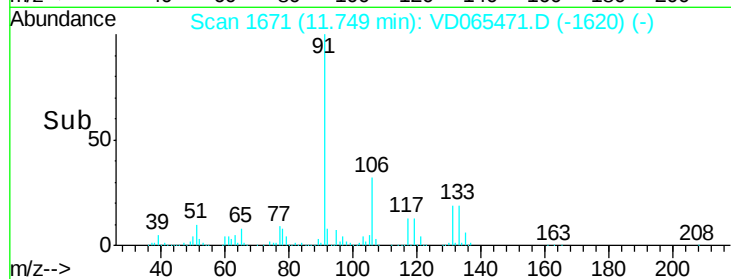
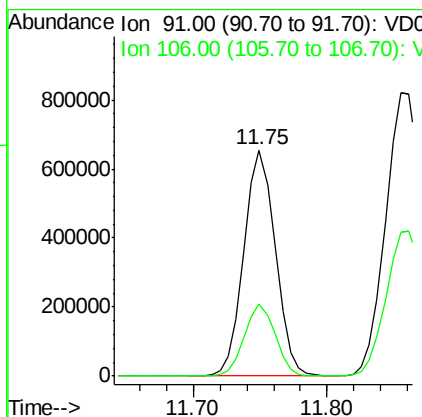
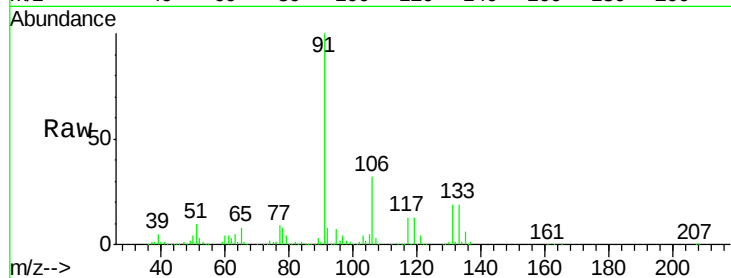
#67
Ethyl Benzene
Concen: 51.733 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1067654
Ion Ratio Lower Upper
91 100
106 31.7 25.2 37.8

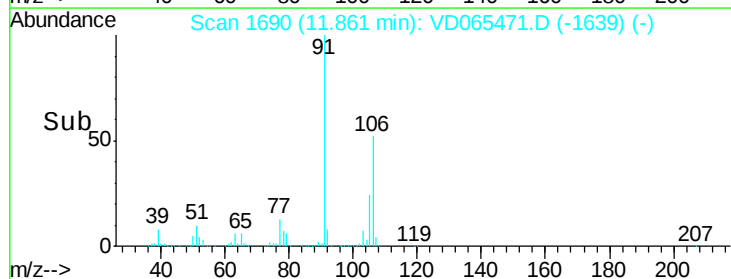
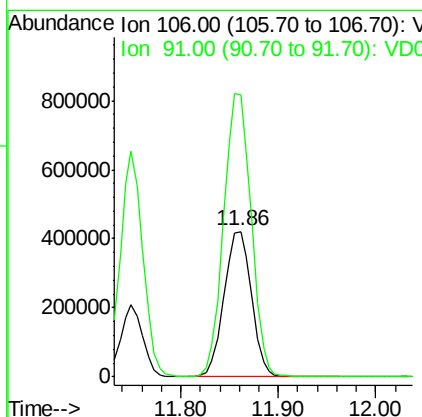
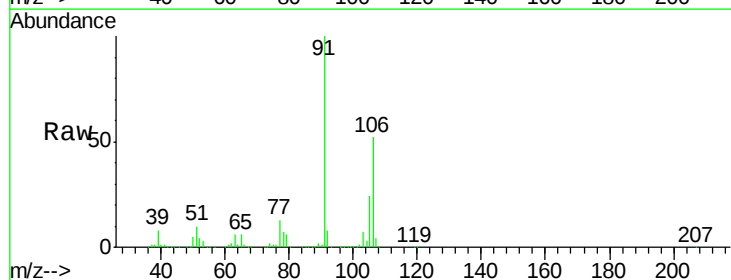
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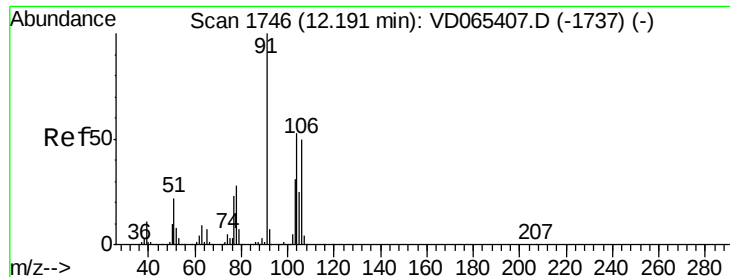
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#68
m/p-Xylenes
Concen: 103.097 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Tgt Ion: 106 Resp: 820414
Ion Ratio Lower Upper
106 100
91 195.4 155.9 233.9





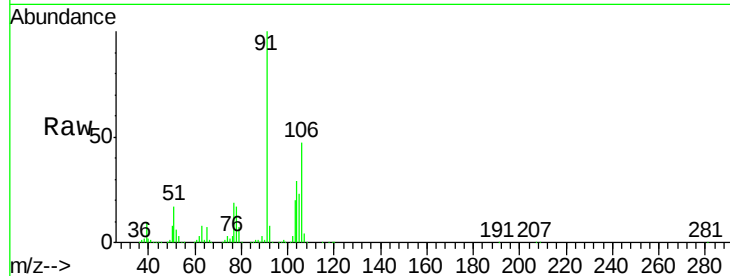
#69
o-Xylene
Concen: 52.904 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.01 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

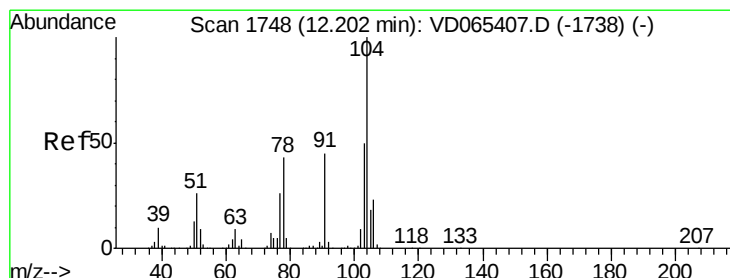
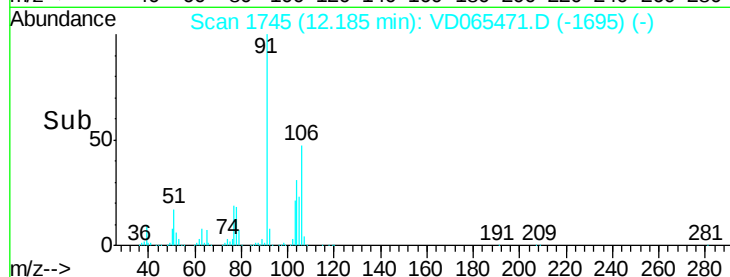
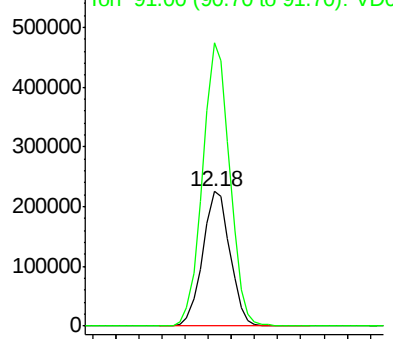
Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	208.2	103.5	310.3	

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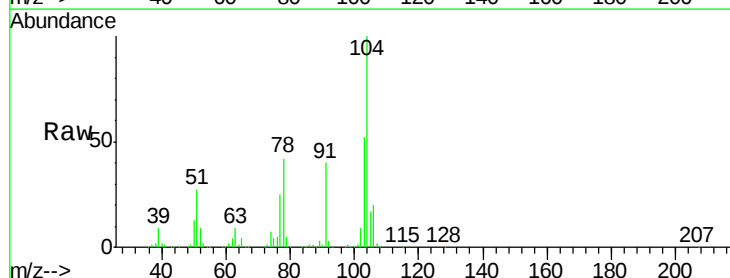


Abundance Ion 106.00 (105.70 to 106.70): V

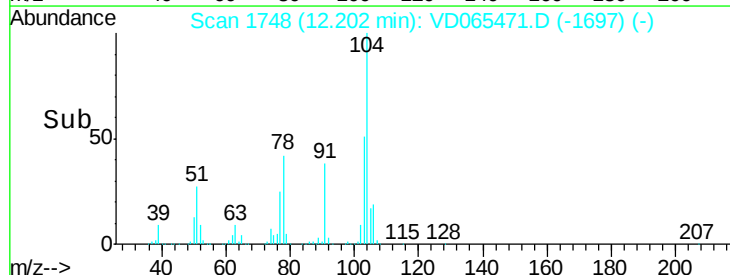
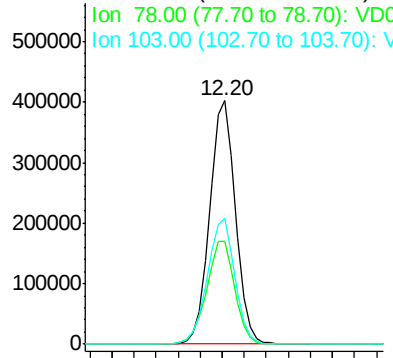


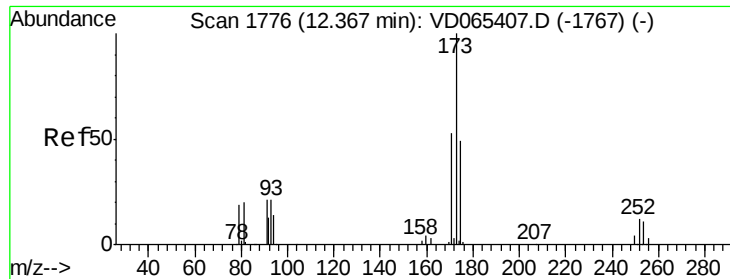
#70
Styrene
Concen: 53.683 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	46.3	37.7	56.5	
103	54.9	43.6	65.4	



Abundance Ion 104.00 (103.70 to 104.70): V





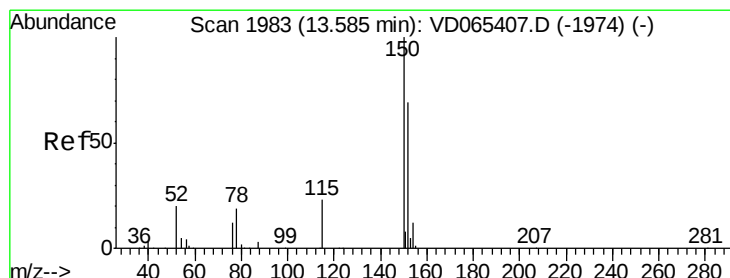
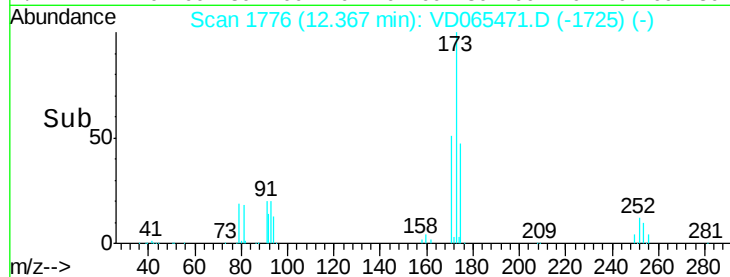
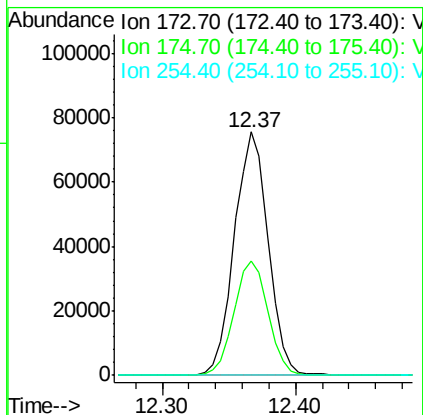
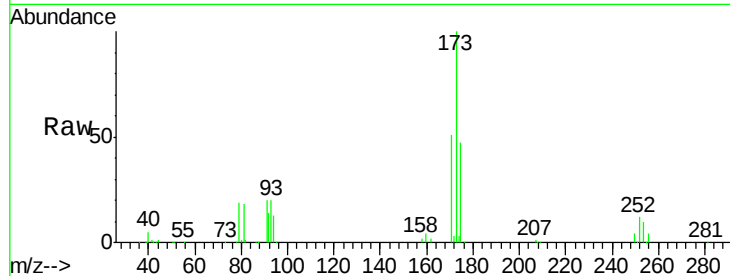
#71
Bromoform
Concen: 54.107 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.3	24.3	73.0
254	0.2	0.1	0.1#

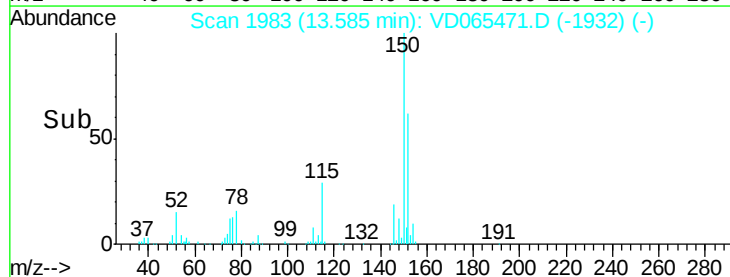
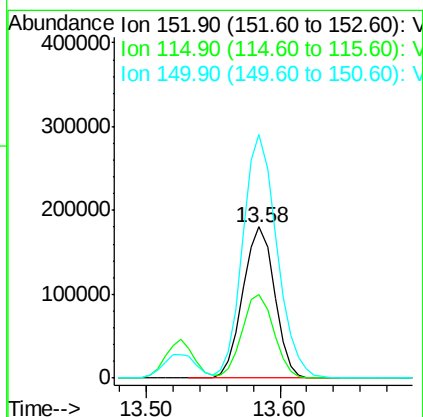
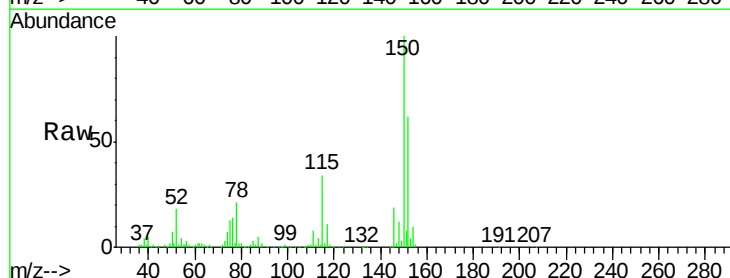
Manual Integrations
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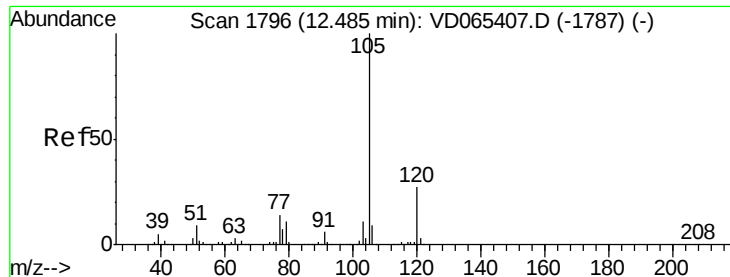
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.3	27.6	82.8
150	173.7	0.0	345.0





#73

Isopropylbenzene

Concen: 51.290 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 999718

Ion Ratio Lower Upper

105 100

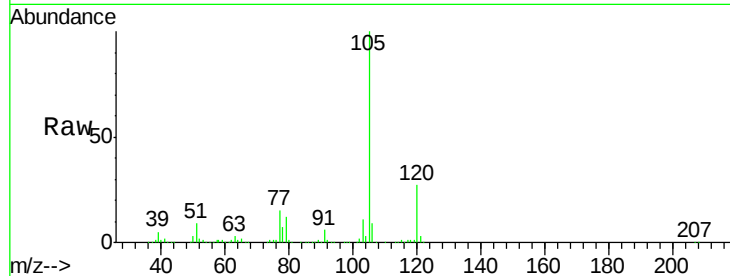
120 26.7 13.5 40.4

Manual Integrations

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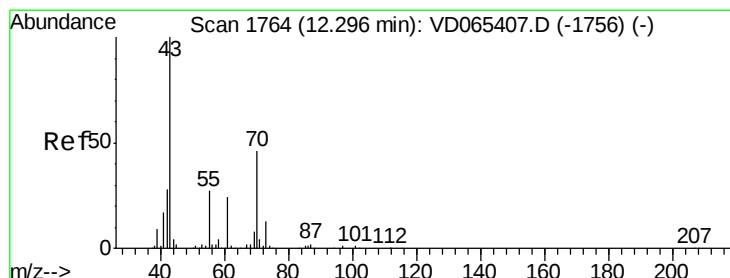
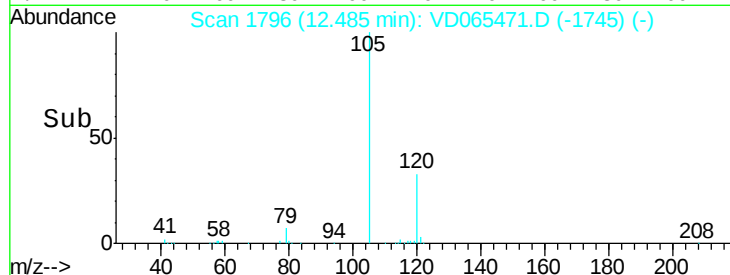
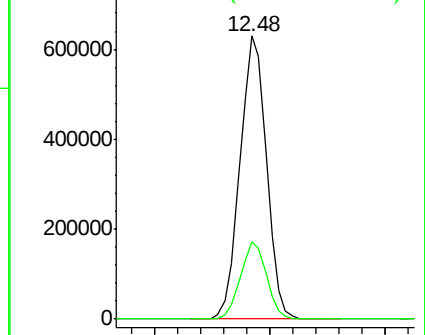
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.459 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Tgt Ion: 43 Resp: 213321

Ion Ratio Lower Upper

43 100

70 44.9 36.1 54.1

55 27.8 21.6 32.4

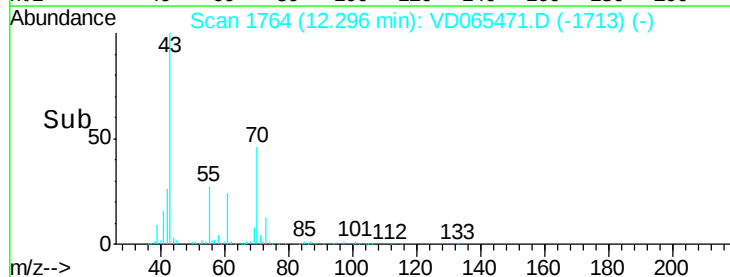
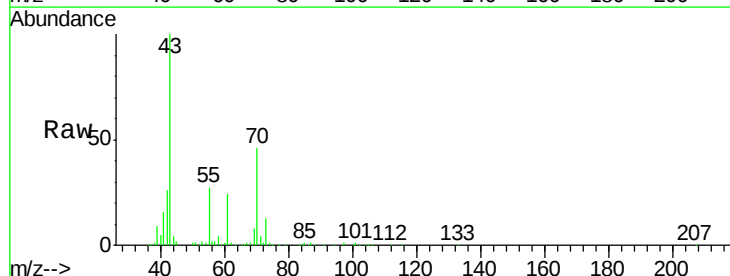
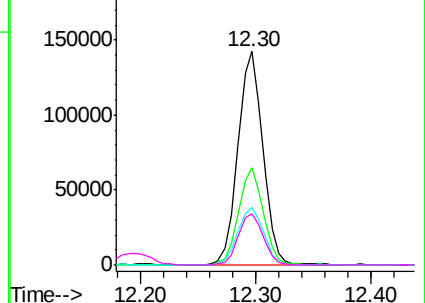
61 24.1 19.6 29.4

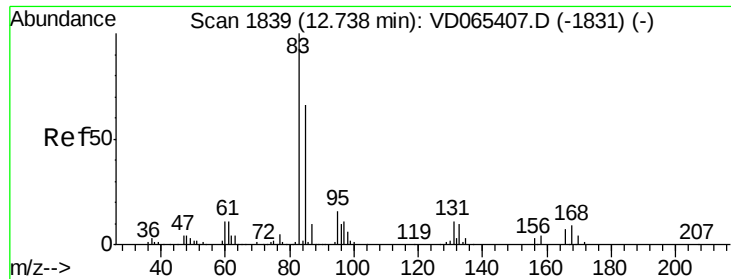
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 51.250 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Instrument :

MSVOA_D

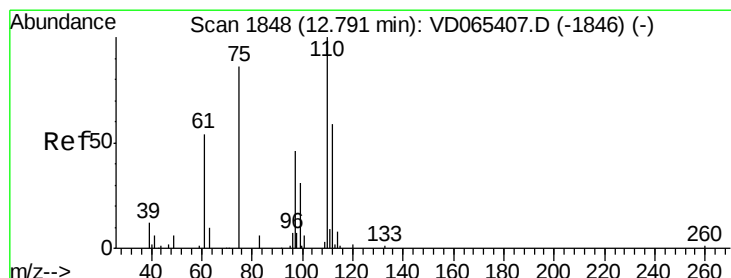
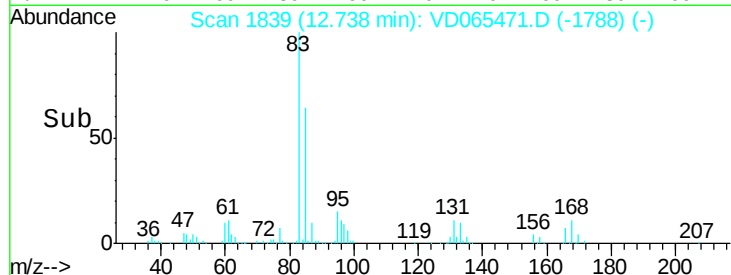
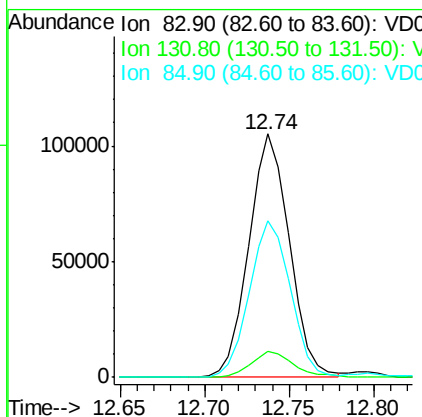
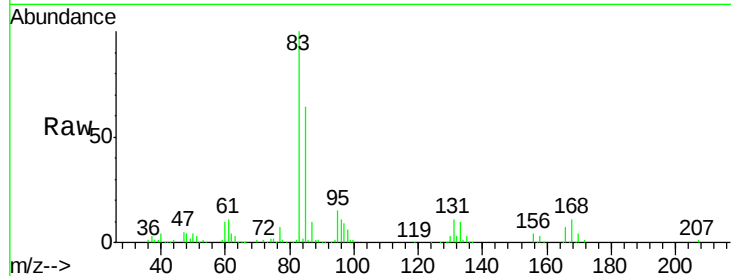
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	175589
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.4	16.2
85	65.2	33.0	98.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.396 ug/l m

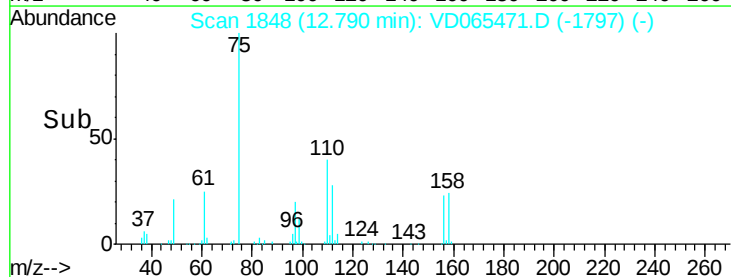
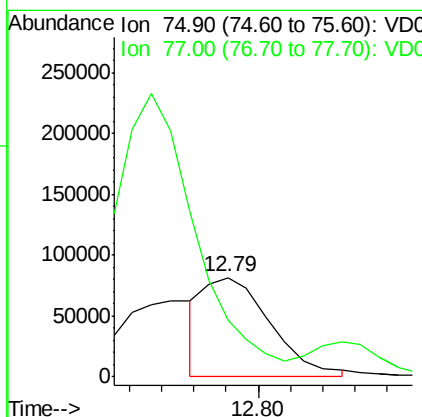
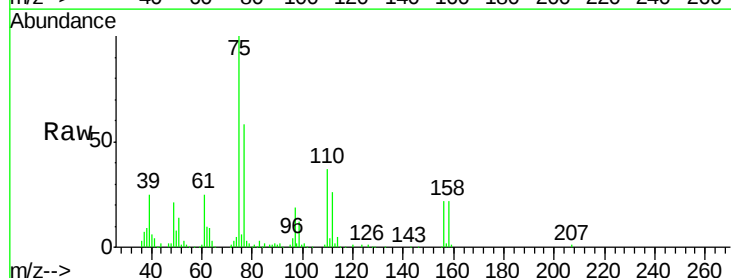
RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Tgt Ion:	75	Resp:	117842
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.666 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Instrument :

MSVOA_D

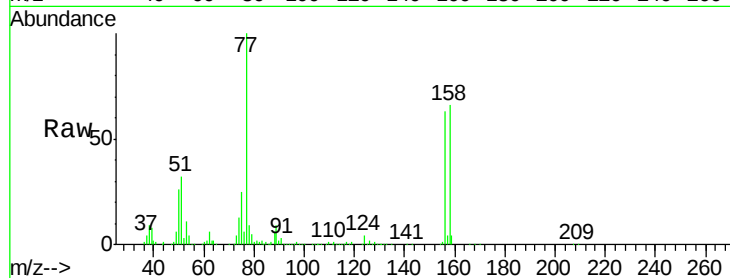
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	250200
Ion Ratio	Lower	Upper	
156	100		
77	168.8	84.9	254.6
158	99.5	49.0	147.2

Manual Integrations
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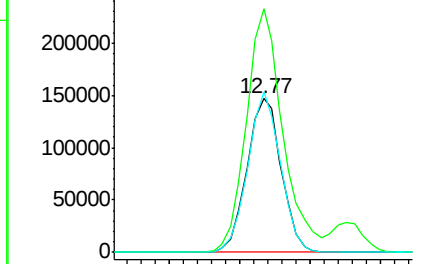
MMDadoda
3/11/2020 3:20:51 PM



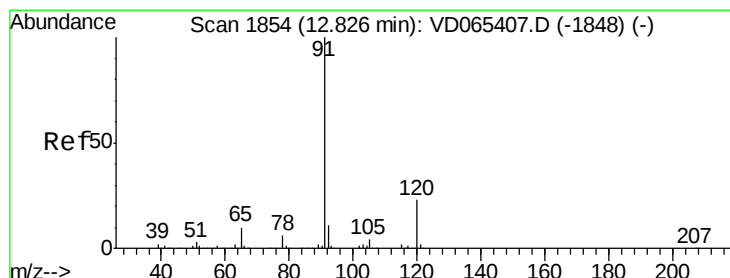
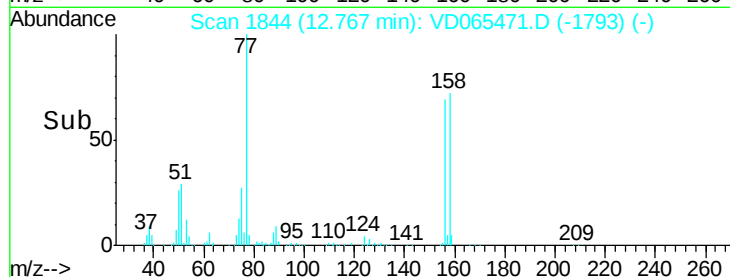
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 51.296 ug/l

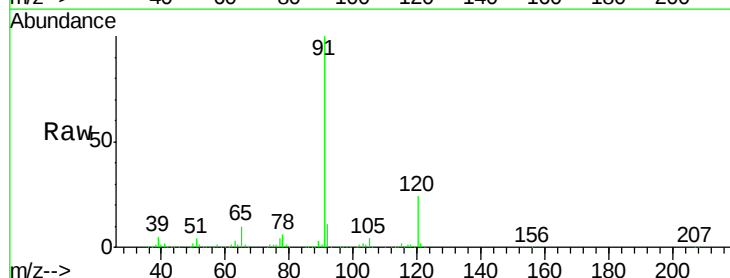
RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065471.D

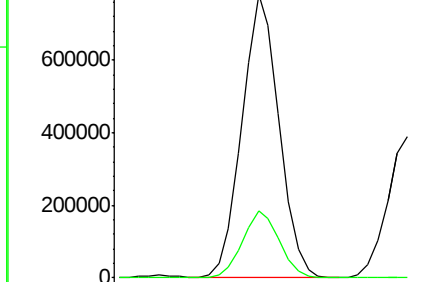
Acq: 10 Mar 2020 19:19

Tgt Ion:	91	Resp:	1186306
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.9	35.5

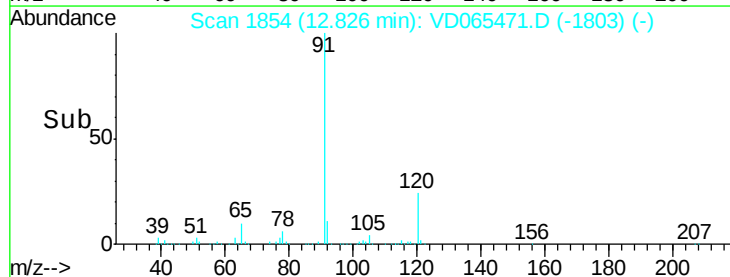


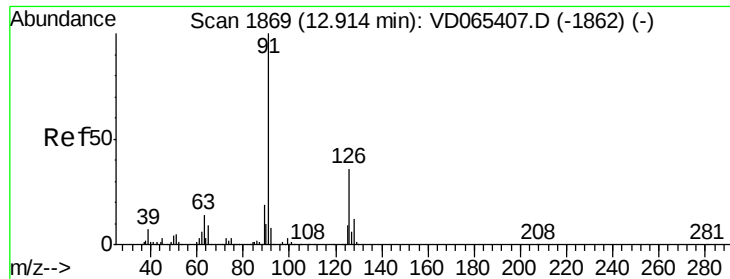
Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V



Time-->





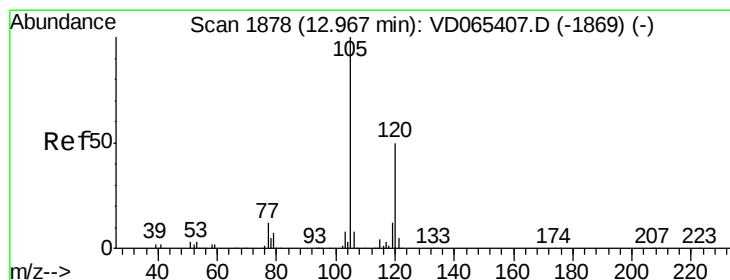
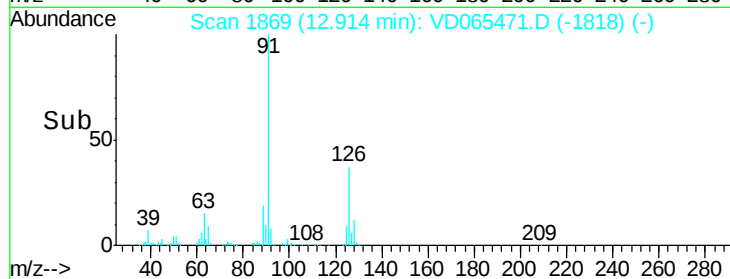
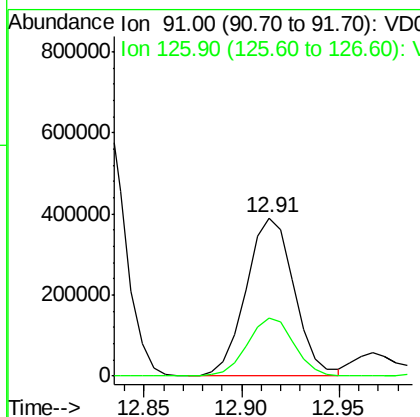
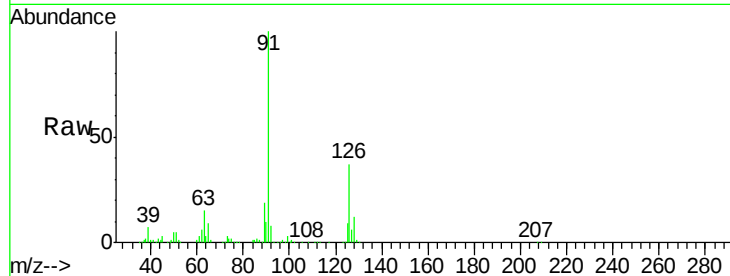
#79
 2-Chlorotoluene
 Concen: 50.869 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD065471.D
 Acq: 10 Mar 2020 19:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 663011
 Ion Ratio Lower Upper
 91 100
 126 35.9 17.9 53.8

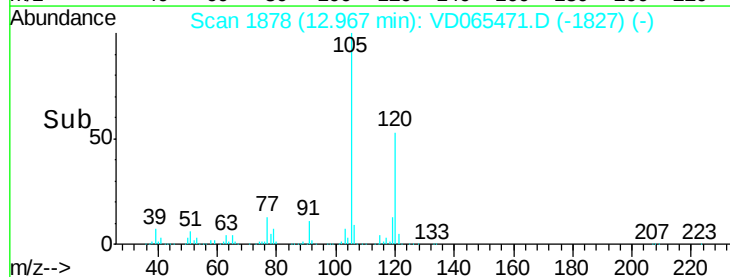
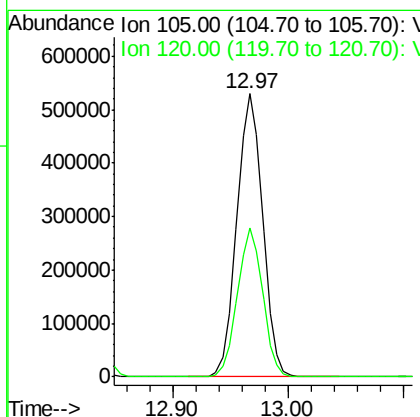
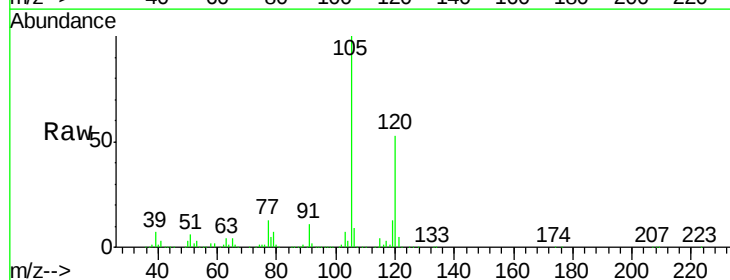
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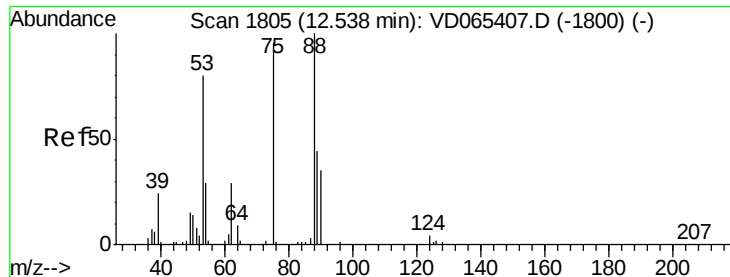
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 51.333 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VD065471.D
 Acq: 10 Mar 2020 19:19

Tgt Ion: 105 Resp: 822557
 Ion Ratio Lower Upper
 105 100
 120 51.5 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 50.385 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.01 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 55829

Ion Ratio Lower Upper

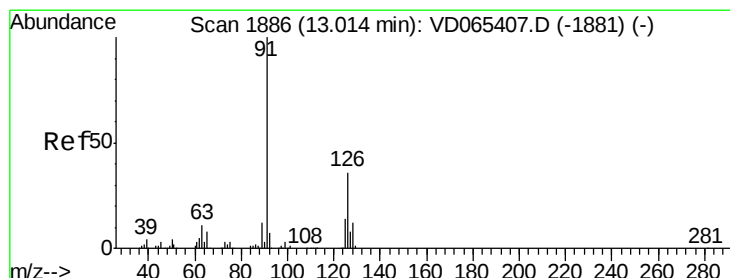
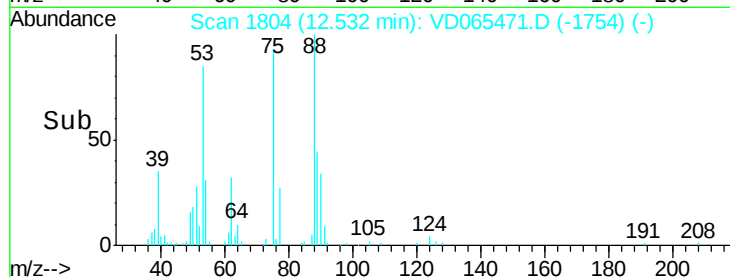
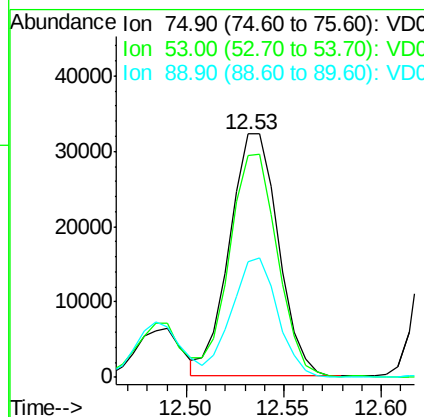
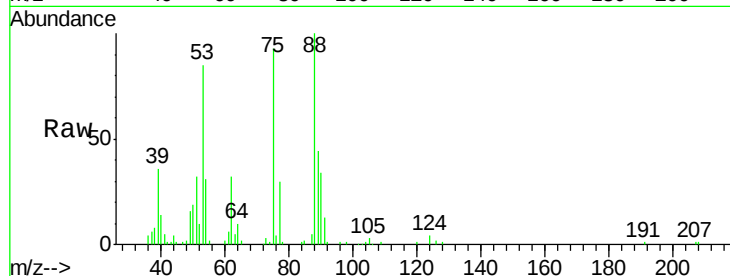
75 100

53 91.4 71.3 106.9

89 46.3 37.0 55.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.979 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VD065471.D

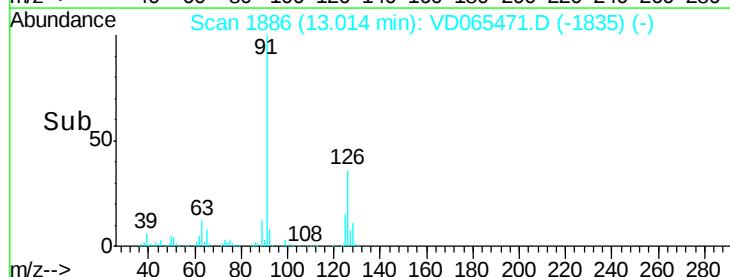
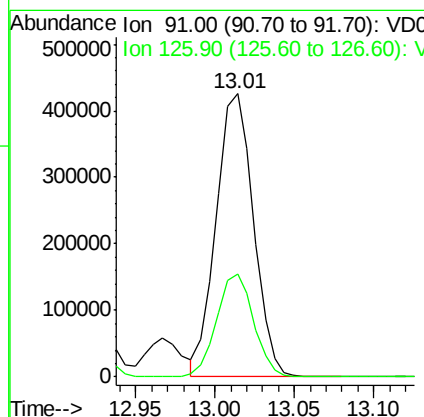
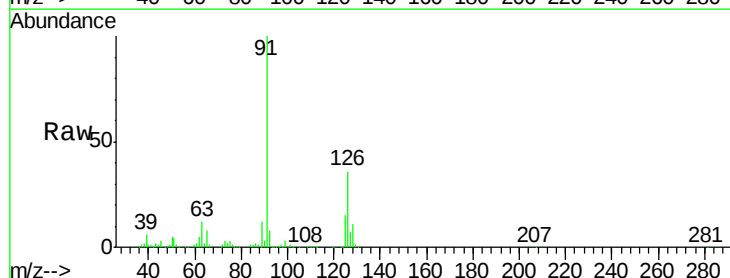
Acq: 10 Mar 2020 19:19

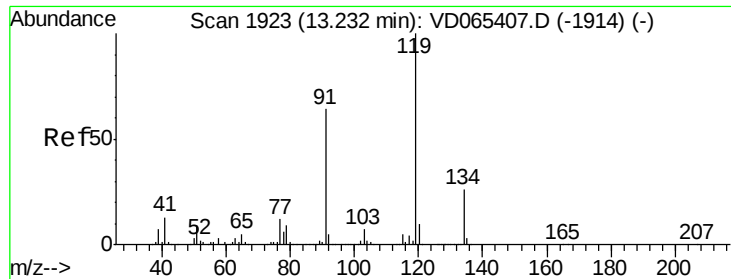
Tgt Ion: 91 Resp: 698219

Ion Ratio Lower Upper

91 100

126 36.0 17.6 52.8





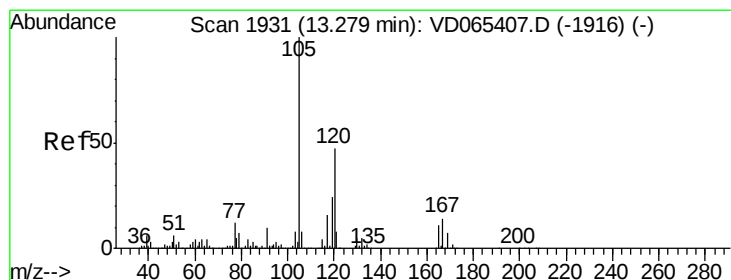
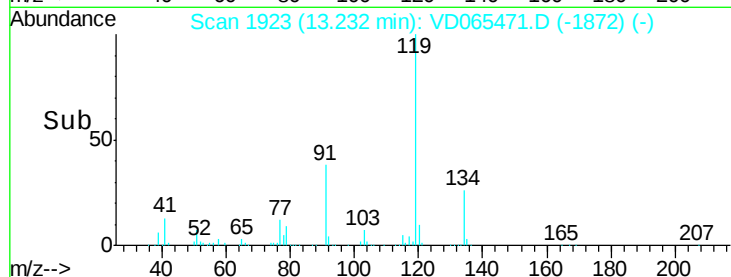
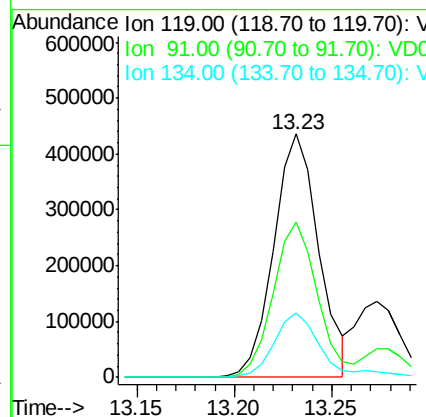
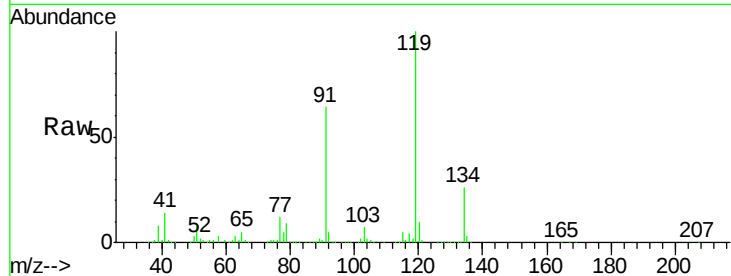
#83
tert-Butylbenzene
Concen: 51.227 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.3	31.6	95.0
134	27.7	14.2	42.8

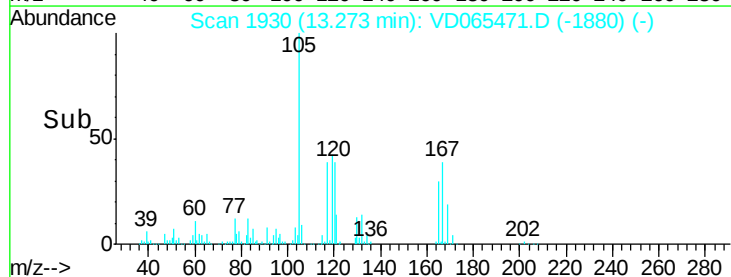
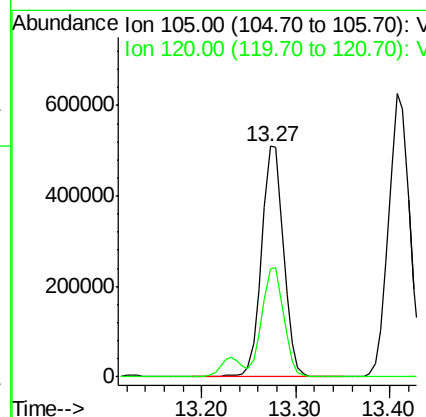
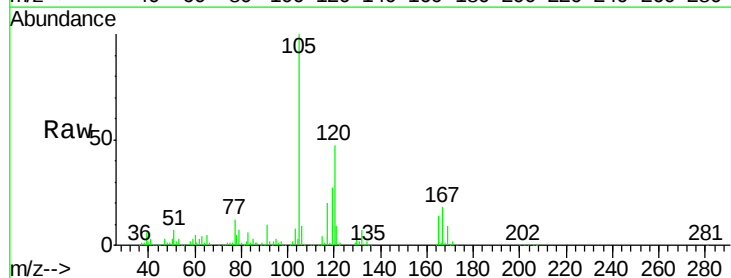
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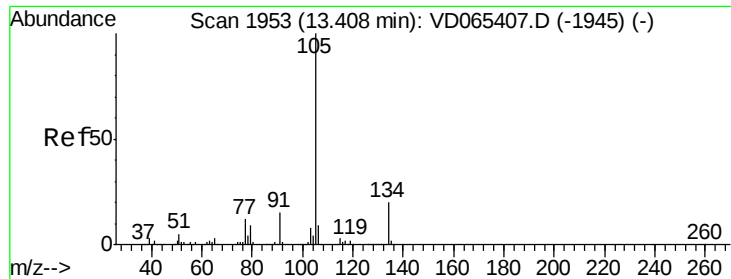
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#84
1,2,4-Trimethylbenzene
Concen: 52.557 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.01 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.4	70.3





#85

sec-Butylbenzene

Concen: 50.466 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 976558

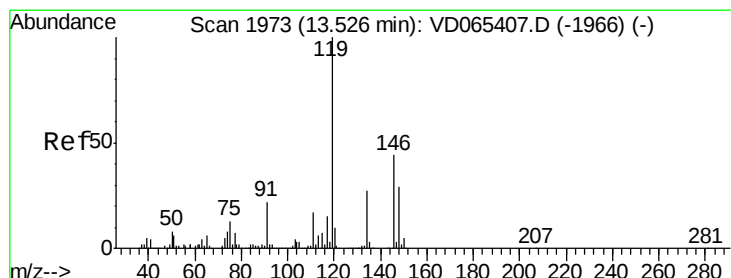
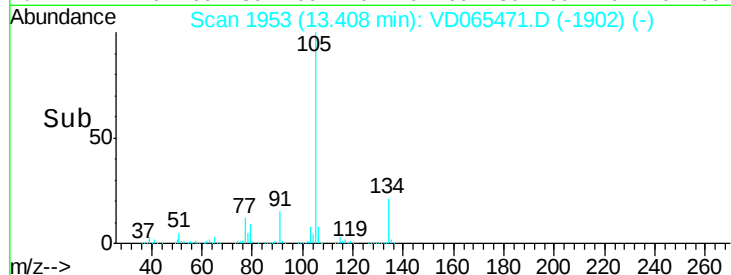
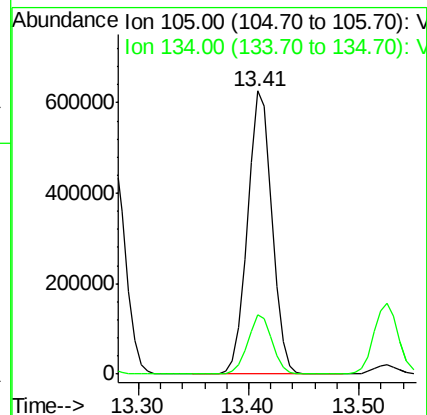
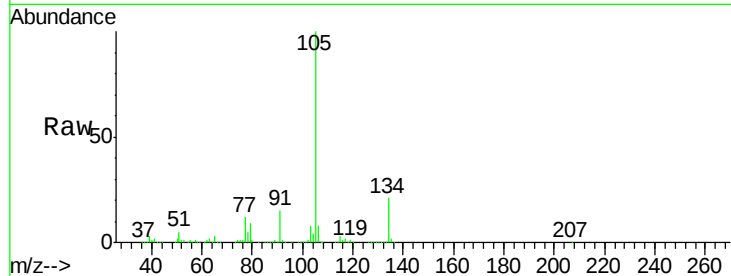
Ion Ratio Lower Upper

105 100

134 20.8 10.3 30.9

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 51.334 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

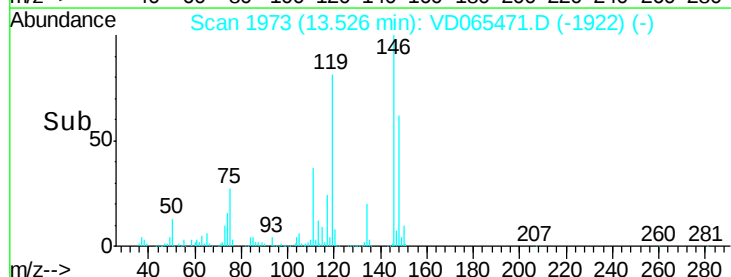
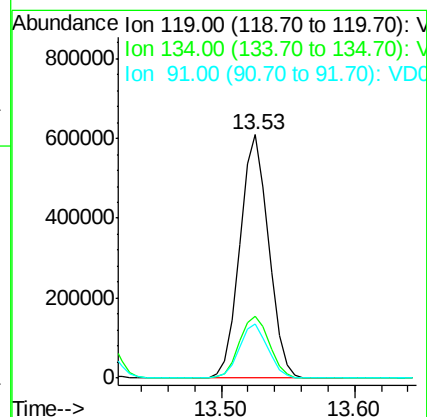
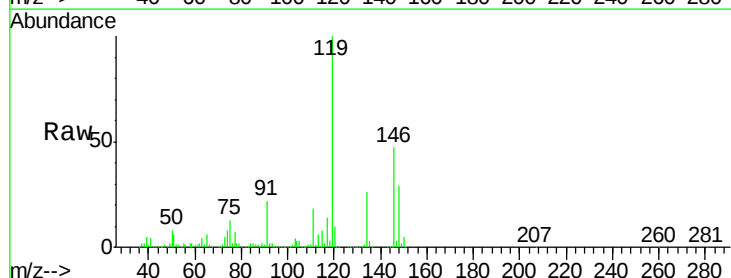
Tgt Ion:119 Resp: 906428

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

91 22.0 10.9 32.6





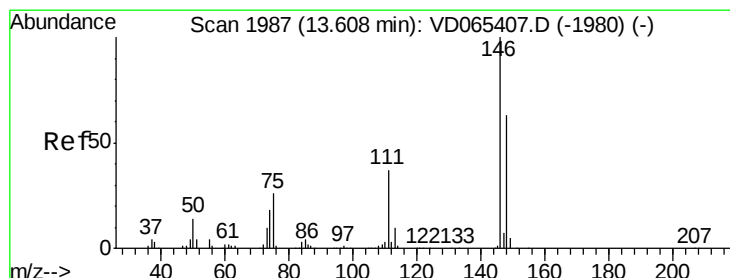
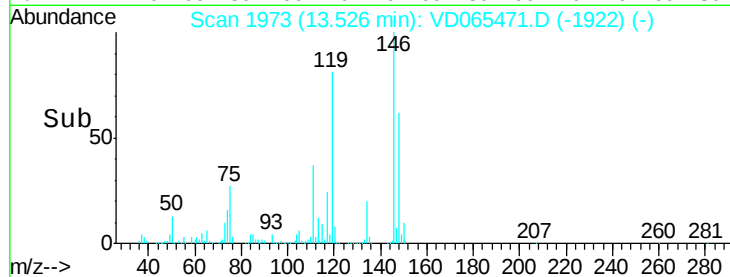
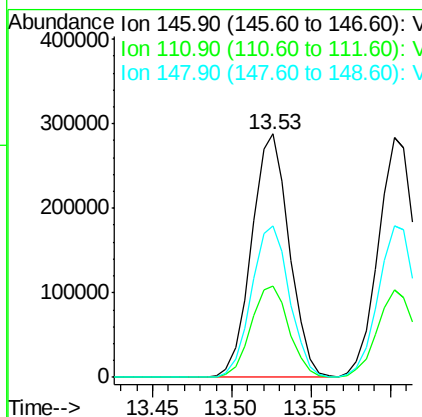
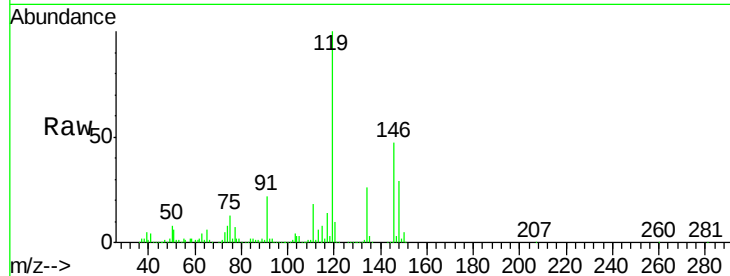
#87
 1,3-Dichlorobenzene
 Concen: 51.112 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD065471.D
 Acq: 10 Mar 2020 19:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.1
148	62.8	32.3	96.8

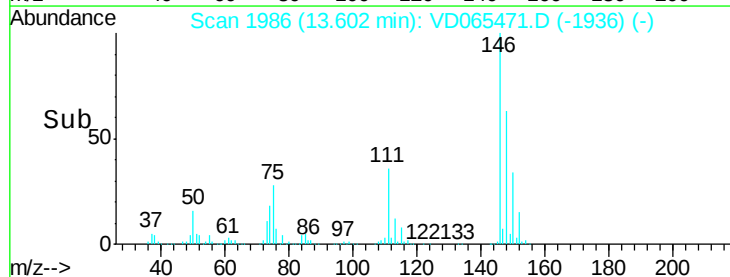
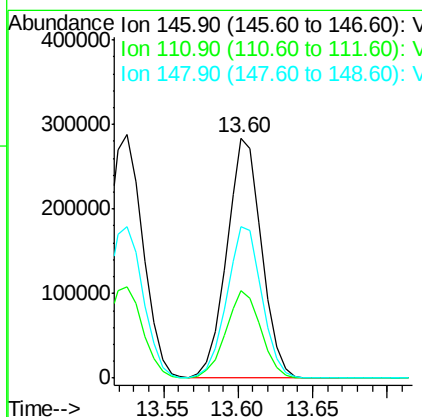
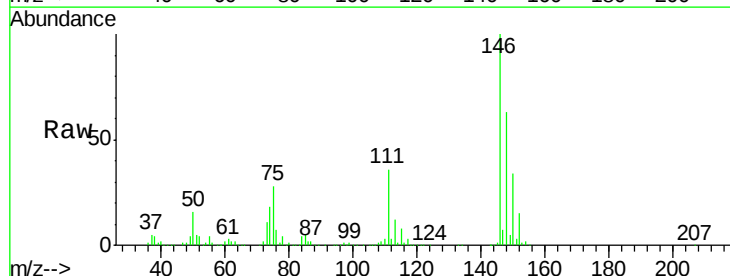
Manual Integrations
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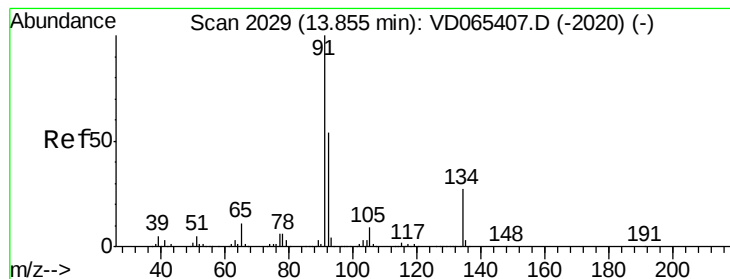
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#88
 1,4-Dichlorobenzene
 Concen: 49.874 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: VD065471.D
 Acq: 10 Mar 2020 19:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.5	55.5
148	63.7	32.0	96.0





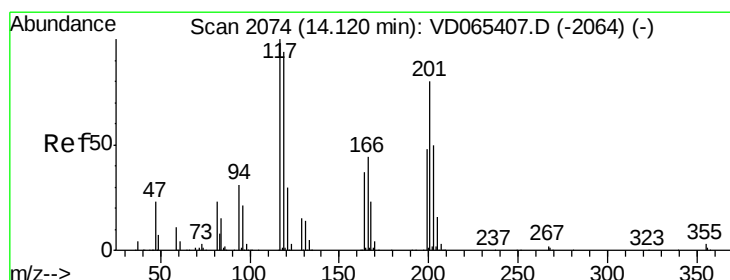
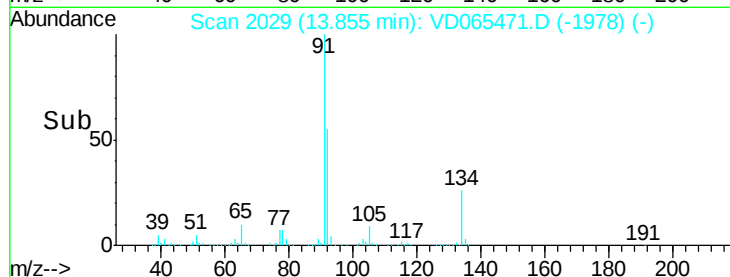
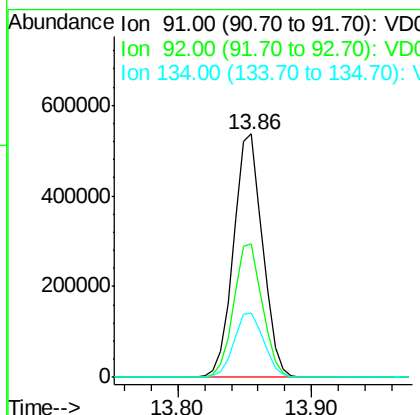
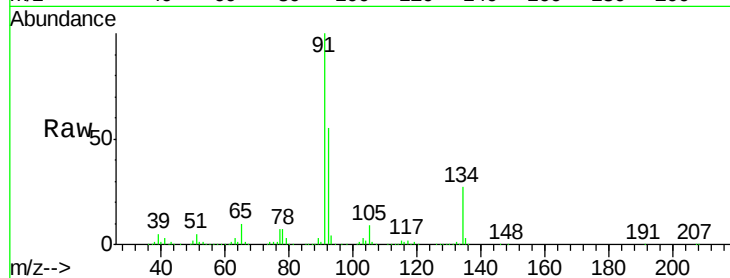
#89
n-Butylbenzene
Concen: 49.757 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	812255		
92	54.3		26.8	80.4
134	26.9		13.4	40.2

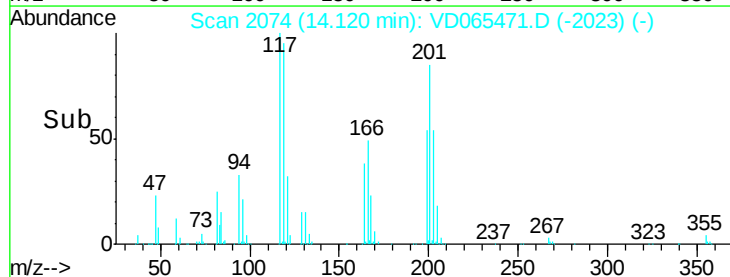
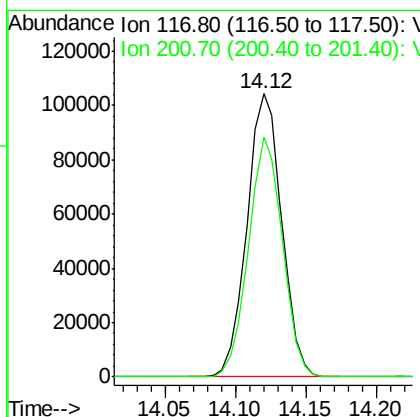
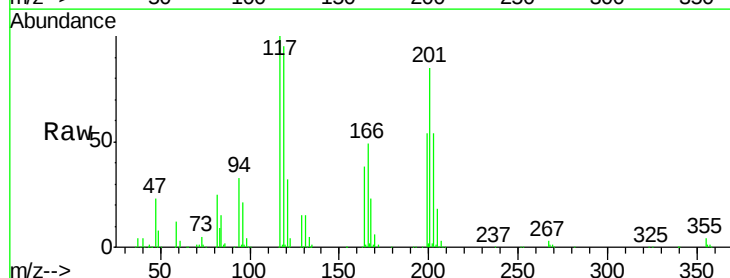
Manual Integrations
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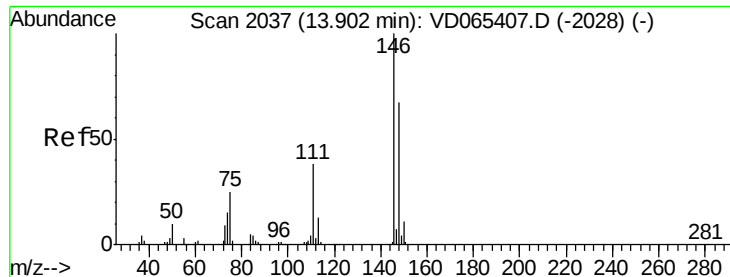
MMDadoda
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#90
Hexachloroethane
Concen: 49.542 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	180152		
201	83.0		41.9	125.6





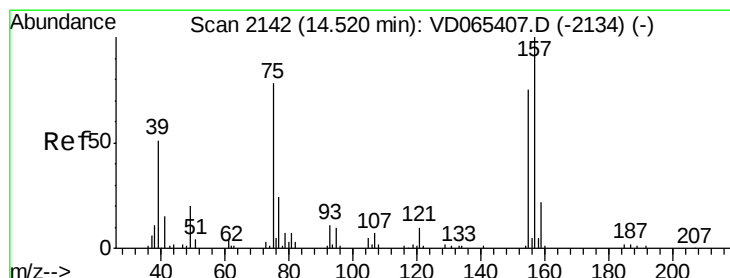
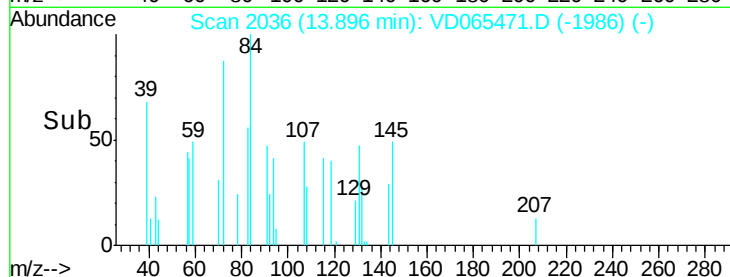
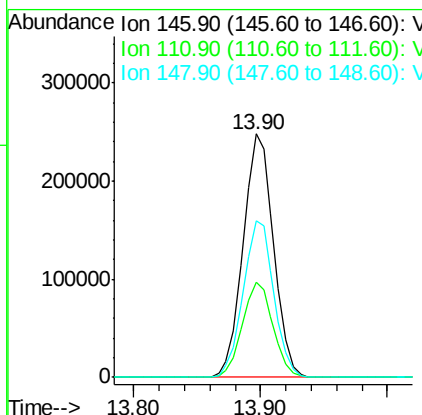
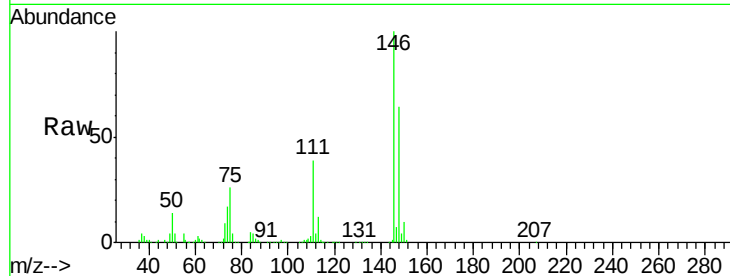
#91
 1,2-Dichlorobenzene
 Concen: 51.919 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VD065471.D
 Acq: 10 Mar 2020 19:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.8	59.3
148	65.0	32.6	97.8

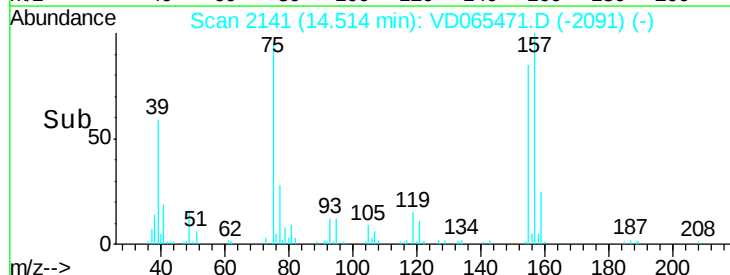
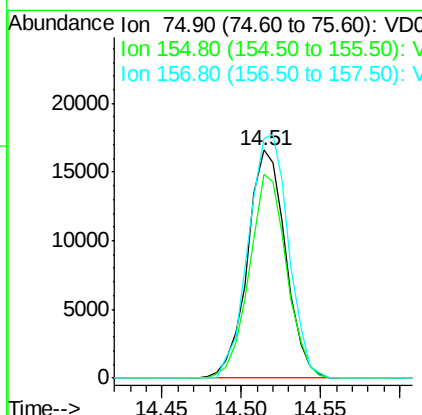
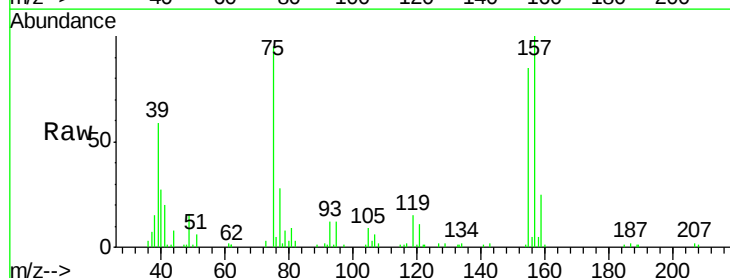
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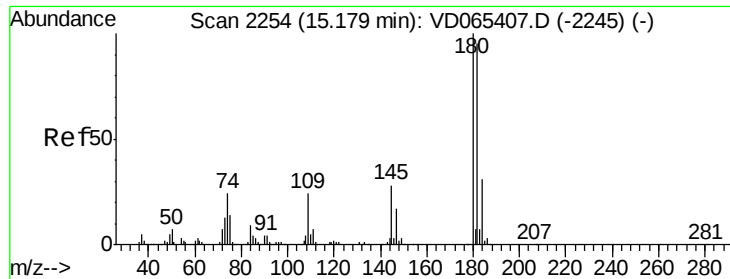
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.137 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: VD065471.D
 Acq: 10 Mar 2020 19:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.5	46.4	139.1
157	112.1	60.2	180.4





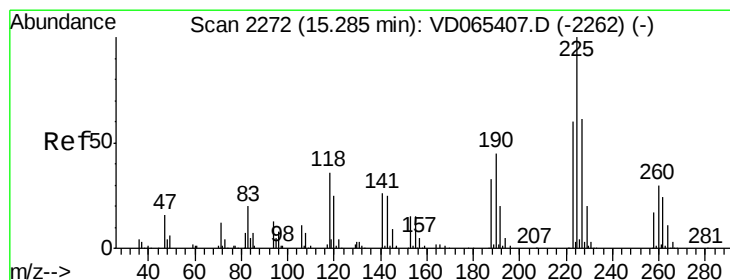
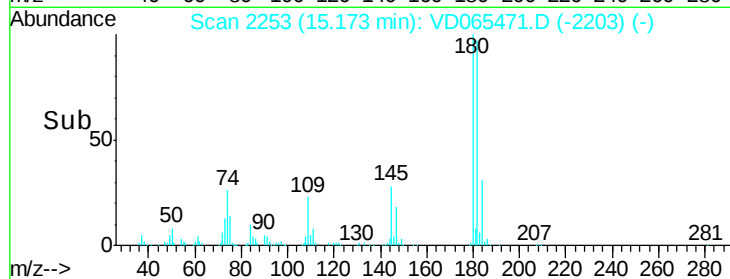
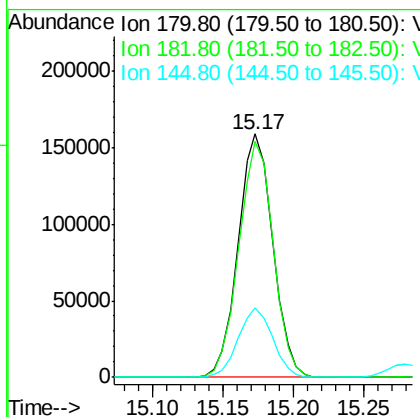
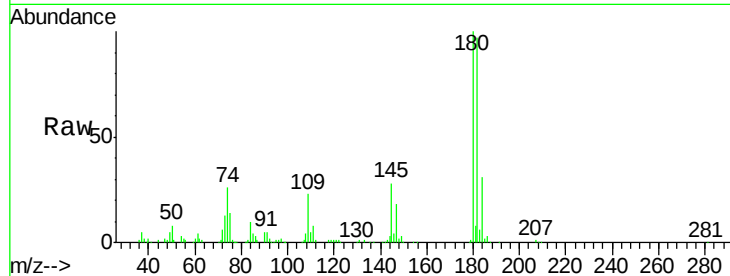
#93
 1,2,4-Trichlorobenzene
 Concen: 50.728 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.01 min
 Lab File: VD065471.D
 Acq: 10 Mar 2020 19:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	272409		
182	96.4	48.3	144.9	
145	28.5	14.4	43.4	

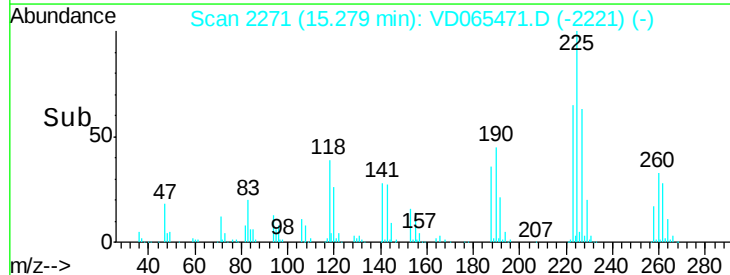
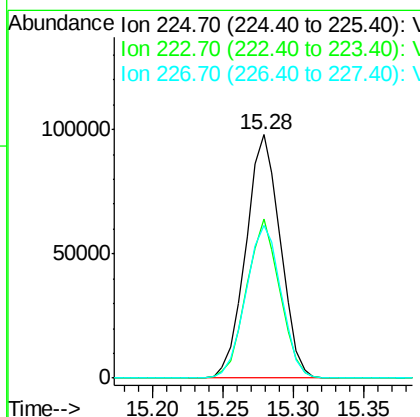
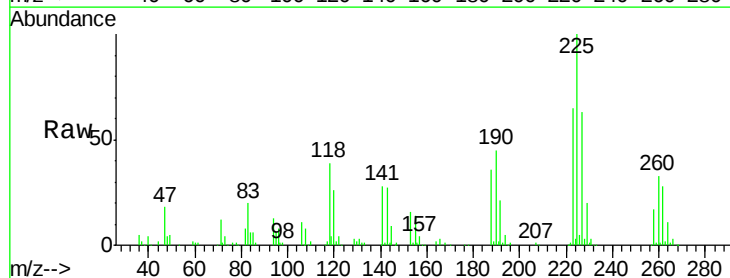
Manual Integrations
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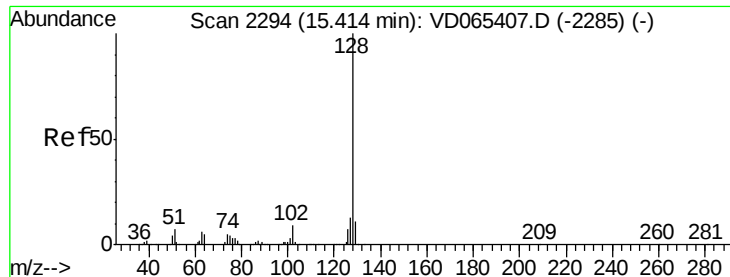
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 47.613 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: VD065471.D
 Acq: 10 Mar 2020 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	168000		
223	63.3	30.9	92.5	
227	64.3	31.6	94.7	





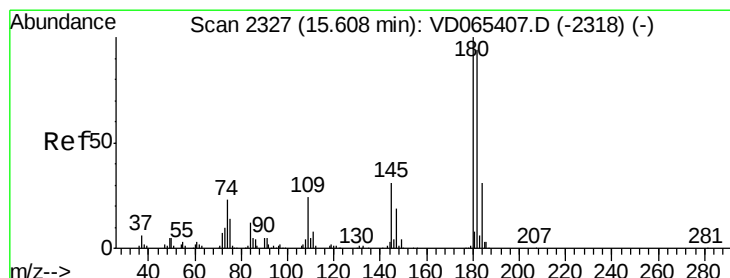
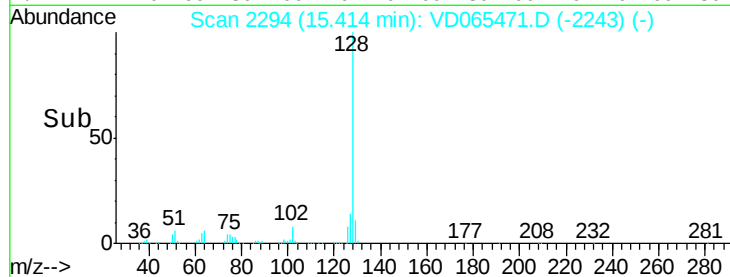
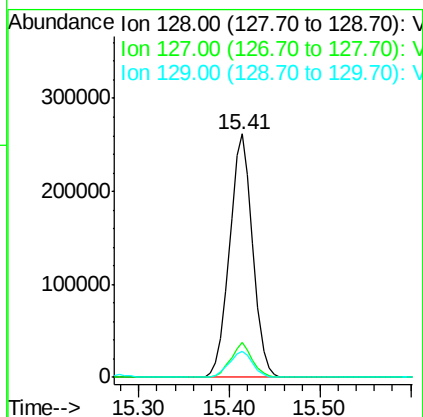
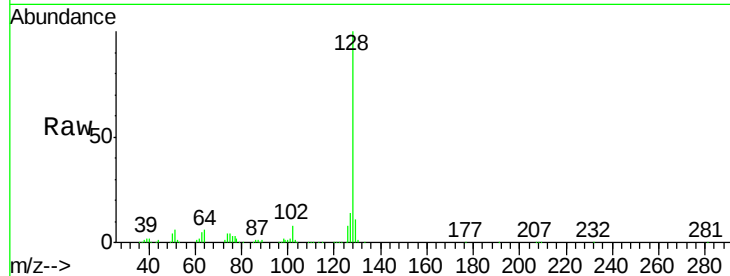
#95
Naphthalene
Concen: 48.397 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	11.0	8.7	13.1

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 51.837 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	46.9	140.6
145	30.8	15.0	45.1

