

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103020\
 Data File : VD067461.D
 Acq On : 30 Oct 2020 09:43
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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 11/2/2020 4:09:27 PM

Quant Time: Oct 30 11:16:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	306875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	440211	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	403805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	210975	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	147285	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
35) Dibromofluoromethane	7.91	113	150517	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
50) Toluene-d8	10.34	98	538692	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.64	95	193282	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	108375	43.421	ug/l	98
3) Chloromethane	2.21	50	77219	39.983	ug/l	99
4) Vinyl Chloride	2.36	62	94526	44.607	ug/l	91
5) Bromomethane	2.77	94	76674	52.095	ug/l	95
6) Chloroethane	2.93	64	60630	45.942	ug/l	98
7) Trichlorofluoromethane	3.28	101	263454	49.373	ug/l	96
8) Diethyl Ether	3.71	74	58164	47.636	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	142878	50.398	ug/l	99
10) Methyl Iodide	4.30	142	138759	53.059	ug/l	99
11) Tert butyl alcohol	5.21	59	35758	217.844	ug/l #	92
12) 1,1-Dichloroethene	4.07	96	121630	48.024	ug/l	98
13) Acrolein	3.93	56	29332	167.464	ug/l	90
14) Allyl chloride	4.71	41	139744	48.181	ug/l	98
15) Acrylonitrile	5.42	53	102270	251.020	ug/l	100
16) Acetone	4.16	43	130440	302.945	ug/l	99
17) Carbon Disulfide	4.41	76	299061	41.420	ug/l	100
18) Methyl Acetate	4.72	43	50639	51.563	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	253172	50.272	ug/l	100
20) Methylene Chloride	4.96	84	144477	52.619	ug/l	93
21) trans-1,2-Dichloroethene	5.47	96	142789	48.991	ug/l	96
22) Diisopropyl ether	6.37	45	284292	53.657	ug/l	96
23) Vinyl Acetate	6.31	43	796499	264.236	ug/l	97
24) 1,1-Dichloroethane	6.27	63	236342	52.110	ug/l	98
25) 2-Butanone	7.21	43	126034	256.787	ug/l	91
26) 2,2-Dichloropropane	7.21	77	245527	52.521	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	165733	51.884	ug/l	98
28) Bromochloromethane	7.55	49	74917	48.428	ug/l #	99
29) Tetrahydrofuran	7.56	42	70040	256.715	ug/l	98
30) Chloroform	7.71	83	286168	52.818	ug/l	91
31) Cyclohexane	7.99	56	160257	45.256	ug/l	92
32) 1,1,1-Trichloroethane	7.91	97	284447	53.508	ug/l	99
36) 1,1-Dichloropropene	8.11	75	196023	52.538	ug/l	98
37) Ethyl Acetate	7.30	43	53840	49.046	ug/l #	89
38) Carbon Tetrachloride	8.10	117	264864	55.543	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	204865	52.522	ug/l	98
40) Benzene	8.36	78	560423	54.751	ug/l	99
41) Methacrylonitrile	7.53	41	26091	43.983	ug/l	95
42) 1,2-Dichloroethane	8.43	62	171294	53.475	ug/l	100
43) Isopropyl Acetate	8.46	43	108359	49.747	ug/l	96
44) Trichloroethene	9.12	130	177234	54.080	ug/l	99
45) 1,2-Dichloropropane	9.40	63	130420	54.978	ug/l	100
46) Dibromomethane	9.48	93	78436	53.068	ug/l	97
47) Bromodichloromethane	9.67	83	221700	55.986	ug/l	97
48) Methyl methacrylate	9.46	41	54524	51.508	ug/l	98
49) 1,4-Dioxane	9.46	88	15491	1085.641	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	283331	260.791	ug/l	99
52) Toluene	10.41	92	385661	55.319	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	192556	55.354	ug/l	96
54) cis-1,3-Dichloropropene	10.10	75	220486	54.159	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	109009	54.086	ug/l	95
56) Ethyl methacrylate	10.67	69	114956	54.996	ug/l	97
57) 1,3-Dichloropropane	10.95	76	173236	54.010	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	274604	256.087	ug/l	98
59) 2-Hexanone	10.99	43	211806	285.302	ug/l	98
60) Dibromochloromethane	11.14	129	162624	55.328	ug/l	100
61) 1,2-Dibromoethane	11.26	107	107525	54.115	ug/l	99
64) Tetrachloroethene	10.88	164	153038	52.308	ug/l	96
65) Chlorobenzene	11.67	112	427718	55.236	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	176636	57.395	ug/l	98
67) Ethyl Benzene	11.75	91	749949	56.499	ug/l	100
68) m/p-Xylenes	11.86	106	583384	114.132	ug/l	99
69) o-Xylene	12.18	106	260600	55.057	ug/l	100
70) Styrene	12.20	104	465071	57.078	ug/l	99
71) Bromoform	12.37	173	89233	53.971	ug/l #	97
73) Isopropylbenzene	12.48	105	763639	57.031	ug/l	99
74) N-amyl acetate	12.30	43	100026	49.461	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.74	83	102710	50.062	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	82798m	56.623	ug/l	
77) Bromobenzene	12.77	156	181526	54.378	ug/l	100
78) n-propylbenzene	12.83	91	867672	55.929	ug/l	100
79) 2-Chlorotoluene	12.91	91	498596	55.419	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	665747	57.216	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	34430	53.395	ug/l	92
82) 4-Chlorotoluene	13.01	91	526416	55.129	ug/l	99
83) tert-Butylbenzene	13.23	119	563966	57.379	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	654772	56.935	ug/l	100
85) sec-Butylbenzene	13.41	105	766267	56.817	ug/l	100
86) p-Isopropyltoluene	13.52	119	723396	56.827	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	348054	54.169	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	347179	54.537	ug/l	100
89) n-Butylbenzene	13.85	91	636483	56.835	ug/l	100
90) Hexachloroethane	14.12	117	124808	56.185	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	304145	54.185	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	18835	50.534	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	217535	57.481	ug/l	99
94) Hexachlorobutadiene	15.27	225	137404	58.467	ug/l	99
95) Naphthalene	15.41	128	338496	54.478	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	183102	56.004	ug/l	100

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

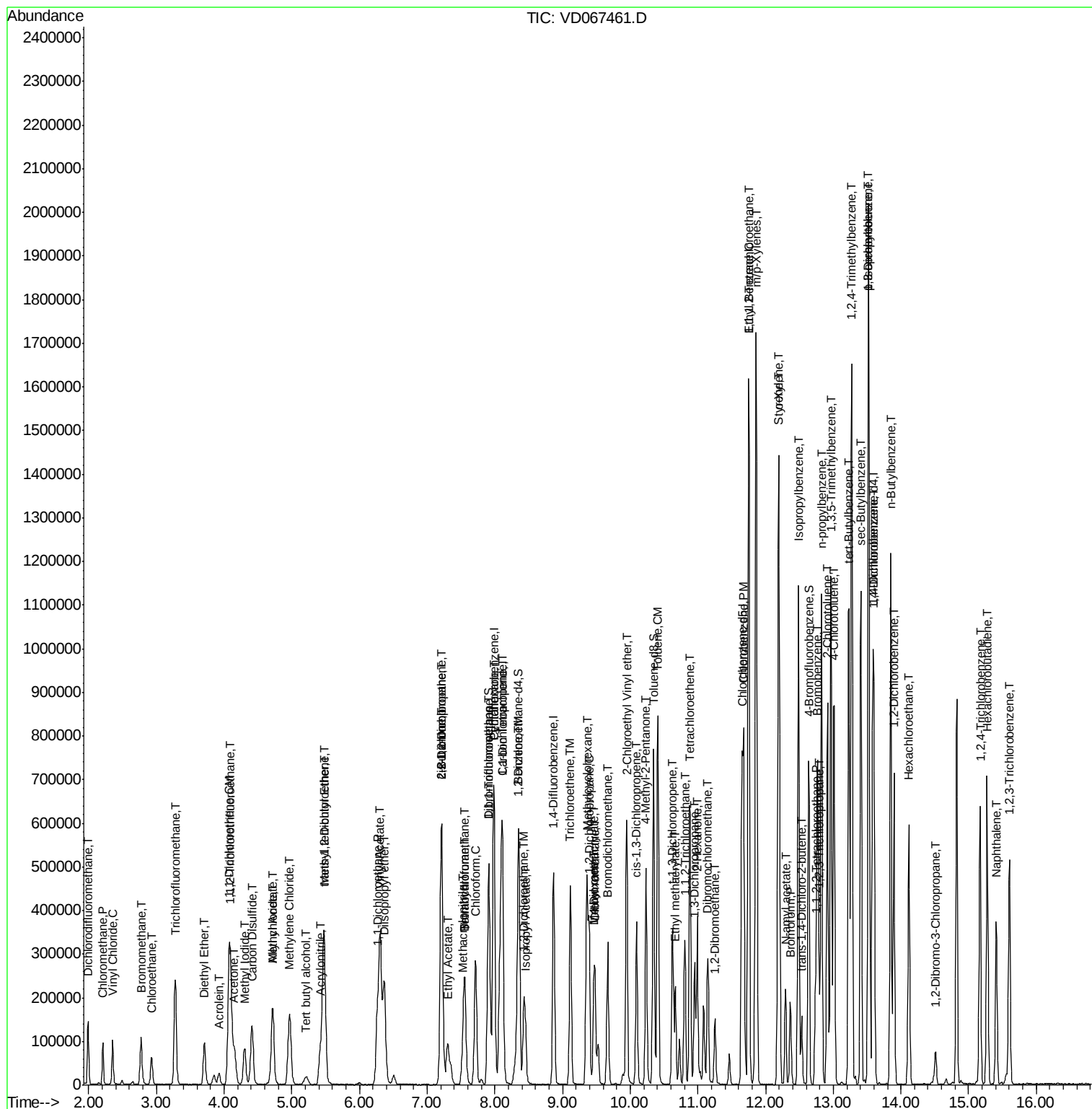
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD103020\
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Operator : VA/SY
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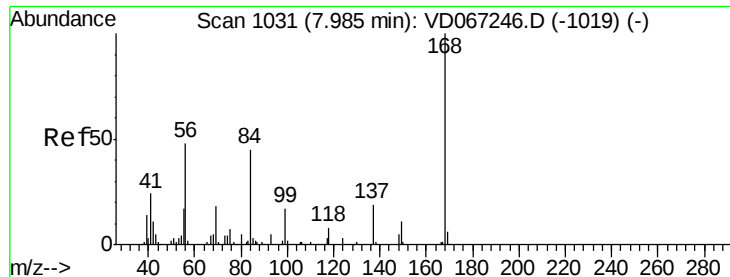
Instrument :
MSVOA_D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067461.D

Acq: 30 Oct 2020 09:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 306875

Ion Ratio Lower Upper

168 100

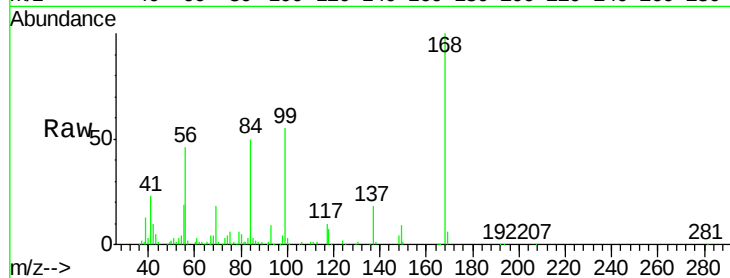
99 54.8 45.9 68.9

Manual Integrations

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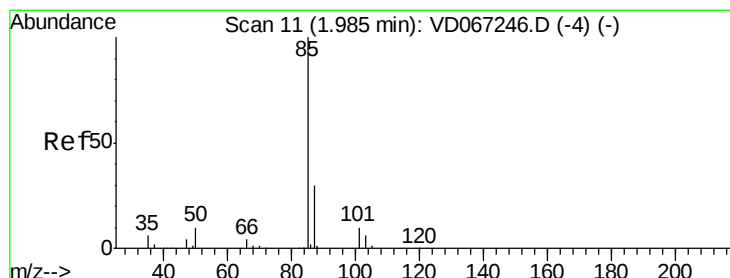
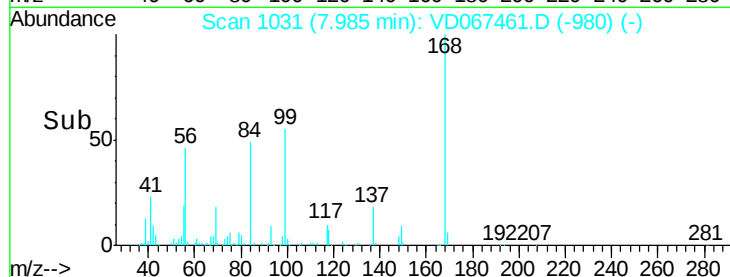
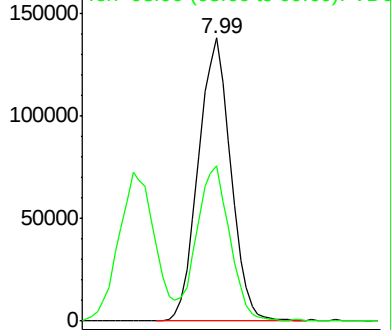
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 43.421 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067461.D

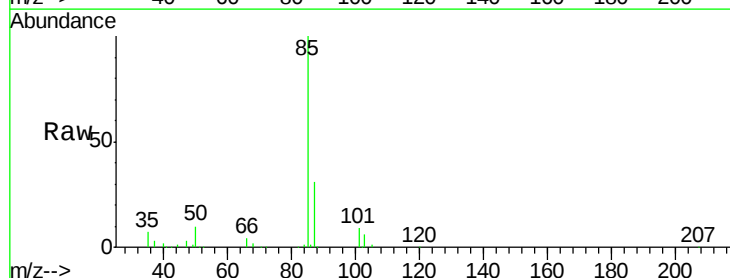
Acq: 30 Oct 2020 09:43

Tgt Ion: 85 Resp: 108375

Ion Ratio Lower Upper

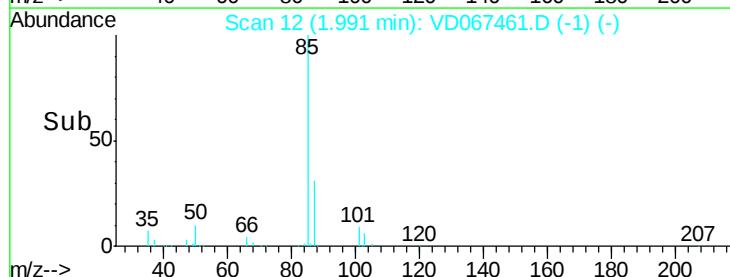
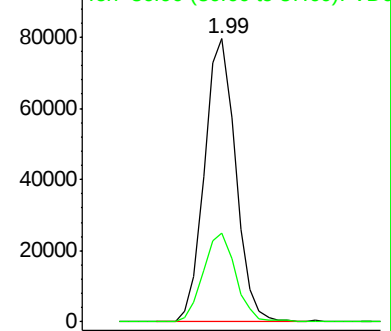
85 100

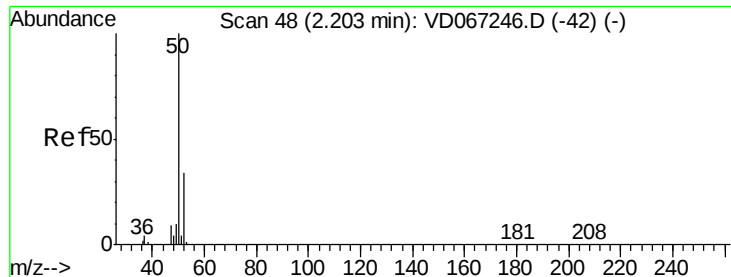
87 31.3 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 39.983 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD067461.D

Acq: 30 Oct 2020 09:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 77219

Ion Ratio Lower Upper

50 100

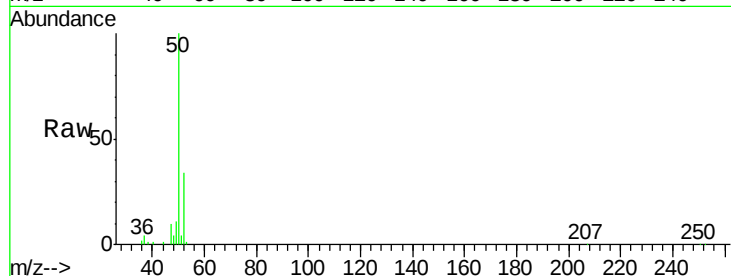
52 34.2 27.1 40.7

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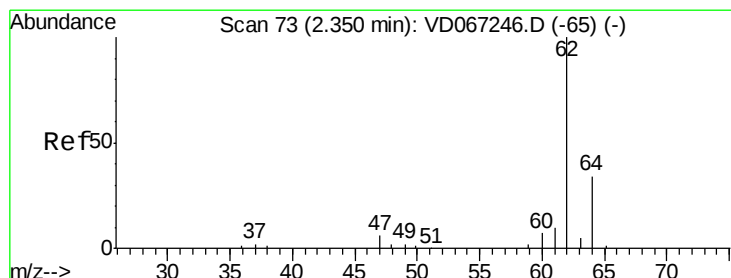
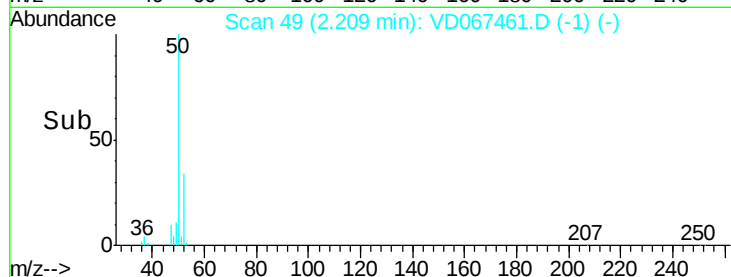
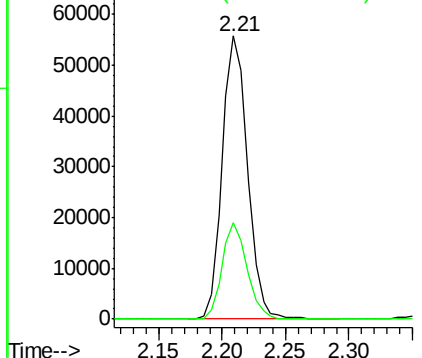
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 44.607 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VD067461.D

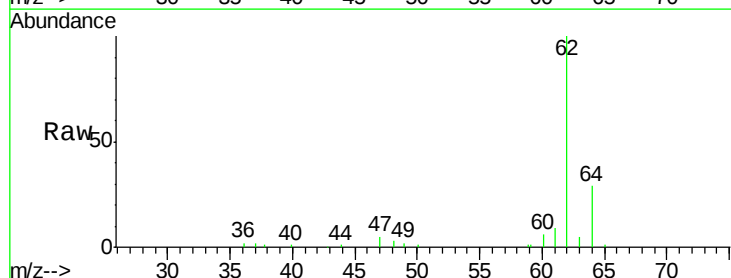
Acq: 30 Oct 2020 09:43

Tgt Ion: 62 Resp: 94526

Ion Ratio Lower Upper

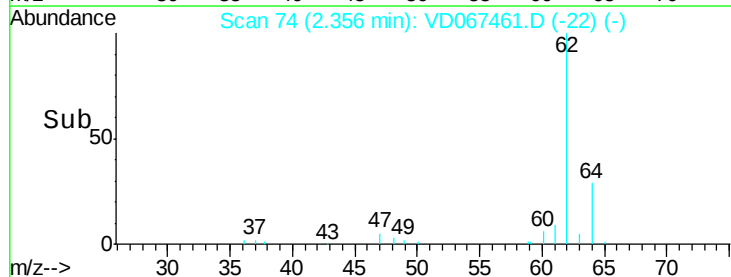
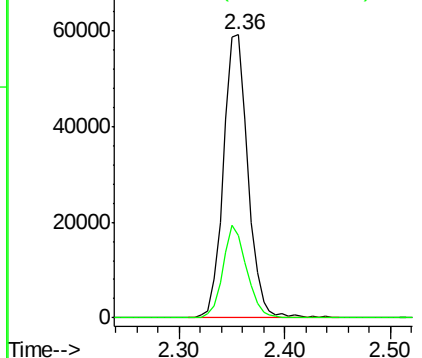
62 100

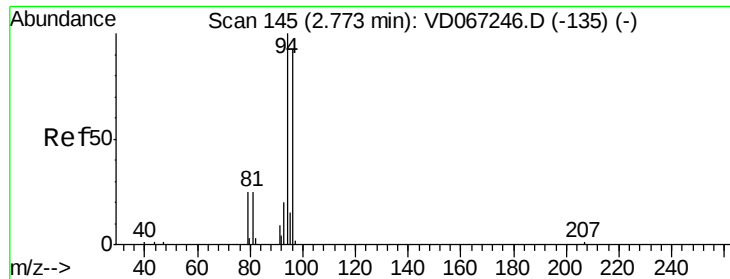
64 28.9 27.4 41.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 52.095 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD067461.D

Acq: 30 Oct 2020 09:43

Instrument :

MSVOA_D

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VSTDCCC050

Tot Ion: 94 Resp: 76674

Ion Ratio Lower Upper

94 100

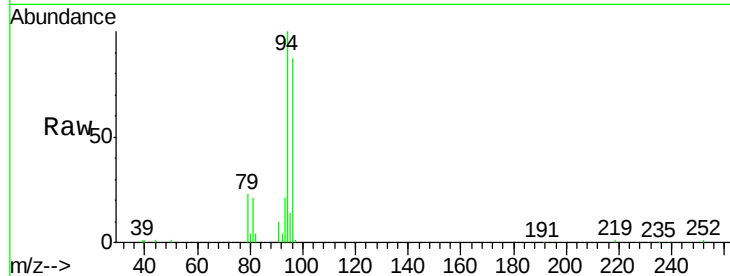
96 87.2 73.8 110.6

Manual Integrations

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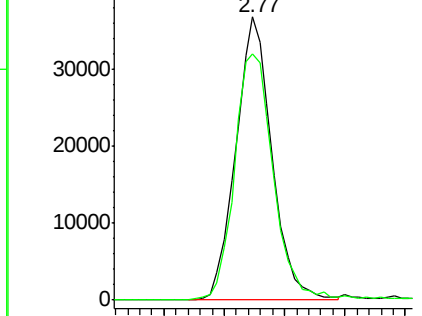
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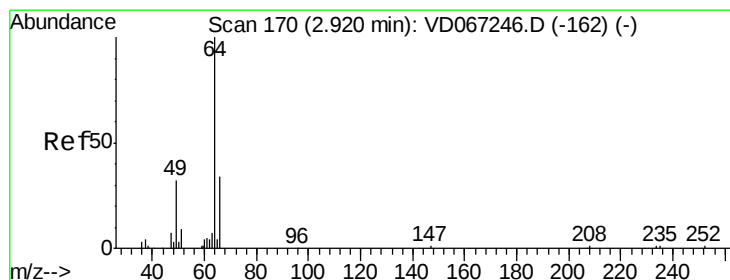
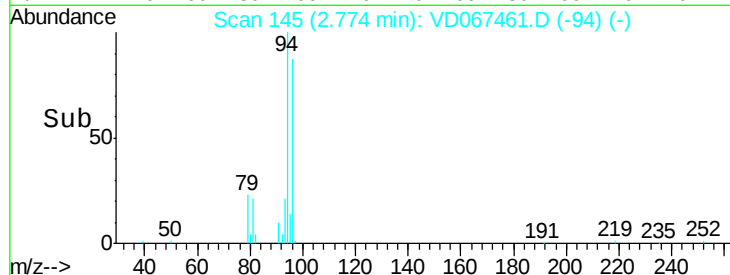


Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



Time-->



#6

Chloroethane

Concen: 45.942 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD067461.D

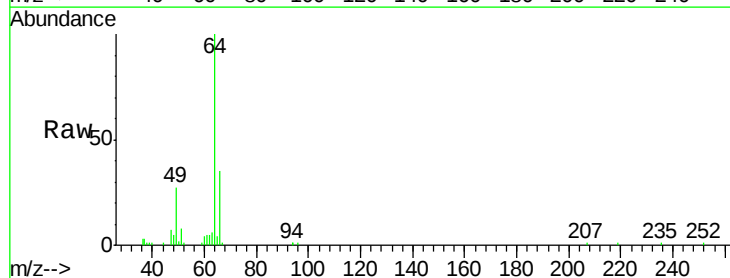
Acq: 30 Oct 2020 09:43

Tgt Ion: 64 Resp: 60630

Ion Ratio Lower Upper

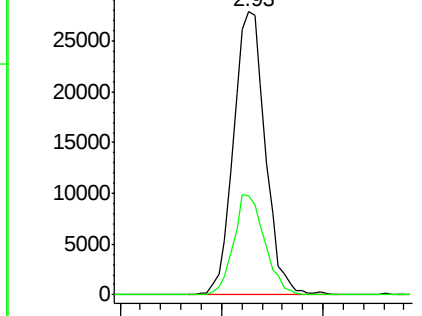
64 100

66 35.1 27.4 41.0

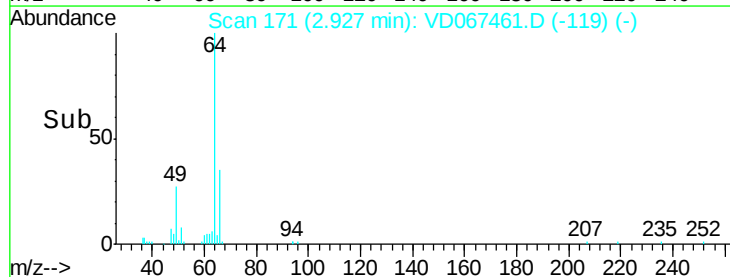


Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



Time-->





#7

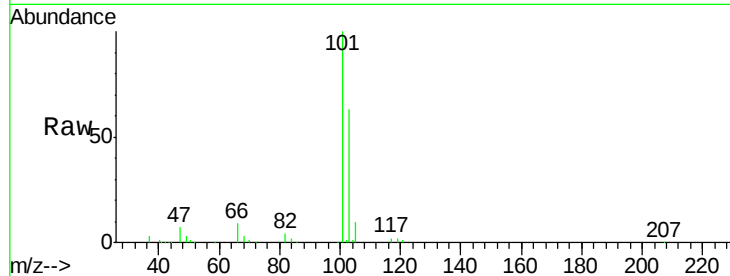
Trichlorofluoromethane
Concen: 49.373 ug/l
RT: 3.28 min Scan# 231
Delta R.T. 0.01 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Instrument :
MSVOA_D
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VSTDCCC050

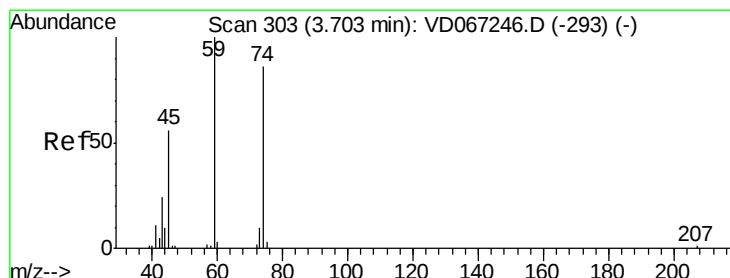
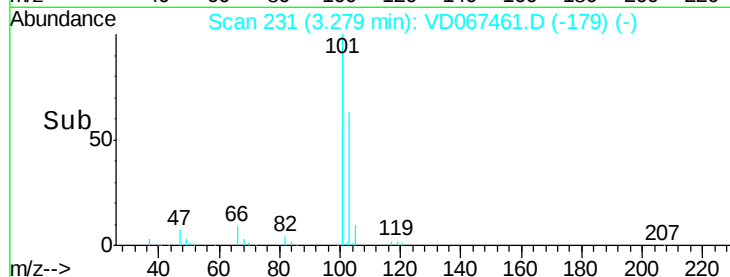
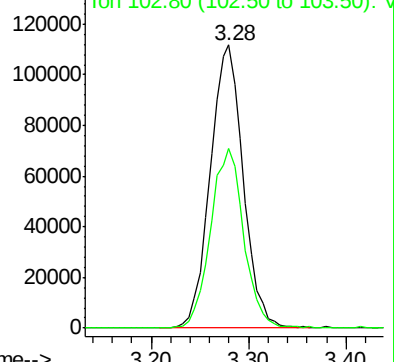
Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	53.1	79.7

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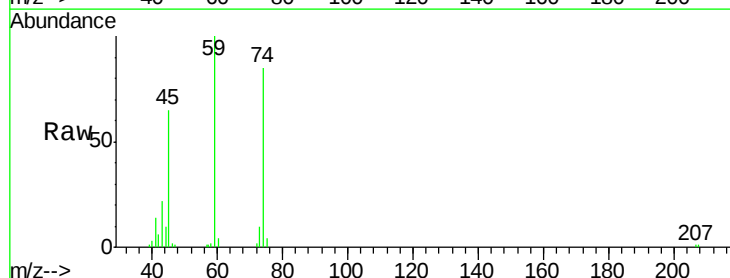
Abundance Ion 100.90 (100.60 to 101.60): V



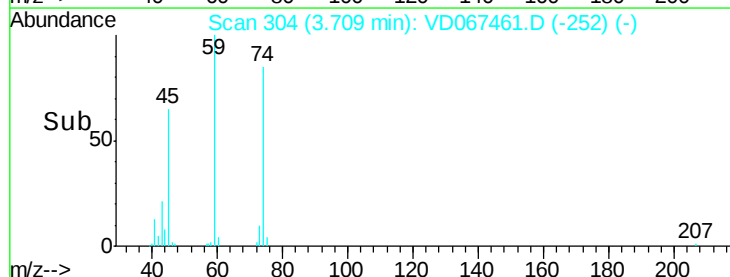
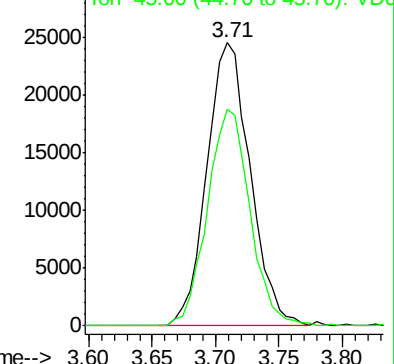
#8

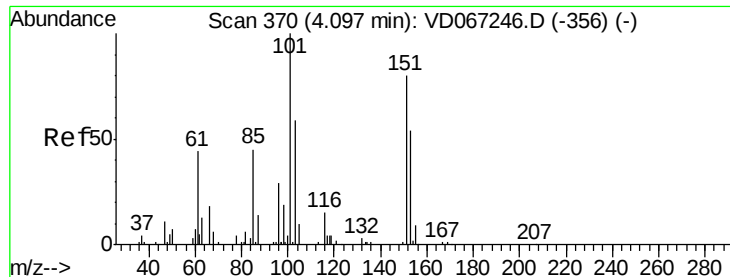
Diethyl Ether
Concen: 47.636 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.01 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	75.1	37.0	111.1



Abundance Ion 74.00 (73.70 to 74.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.398 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067461.D

Acq: 30 Oct 2020 09:43

Instrument :

MSVOA_D

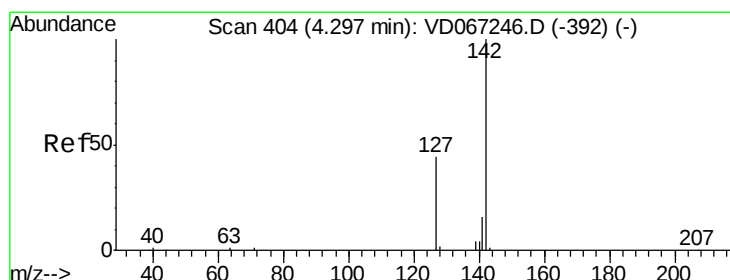
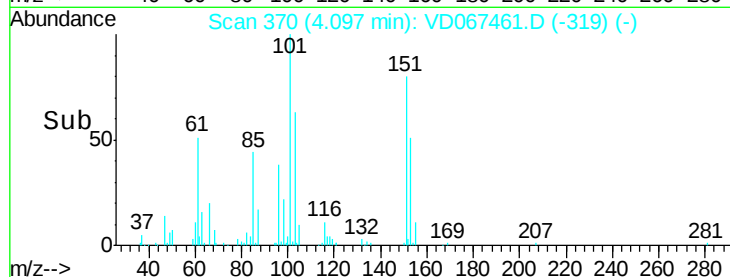
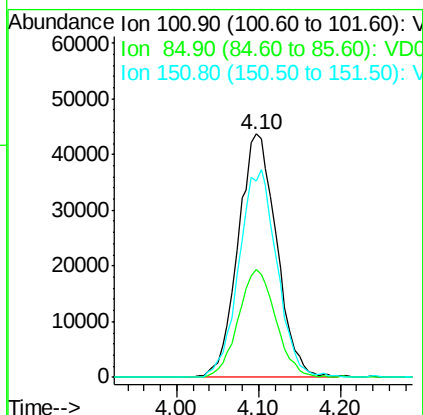
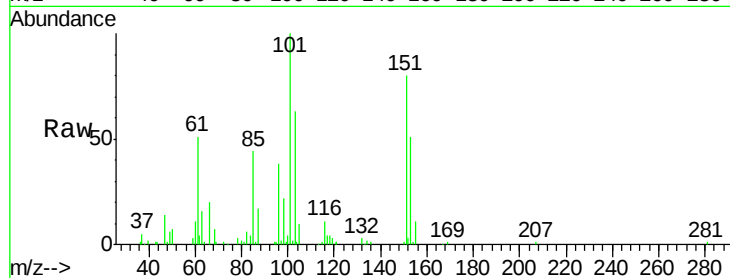
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	142878
Ion Ratio	Lower	Upper	
101	100		
85	43.1	34.2	51.4
151	84.3	66.3	99.5

Manual Integrations
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#10

Methyl Iodide

Concen: 53.059 ug/l

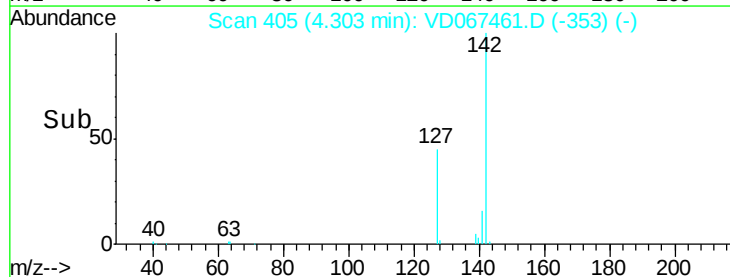
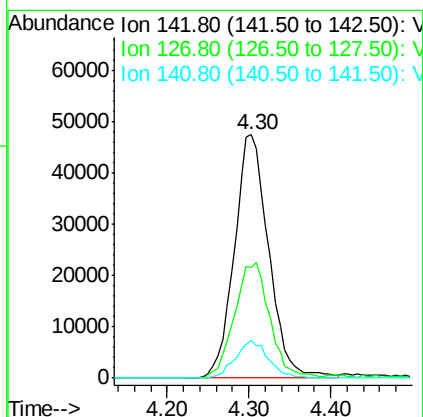
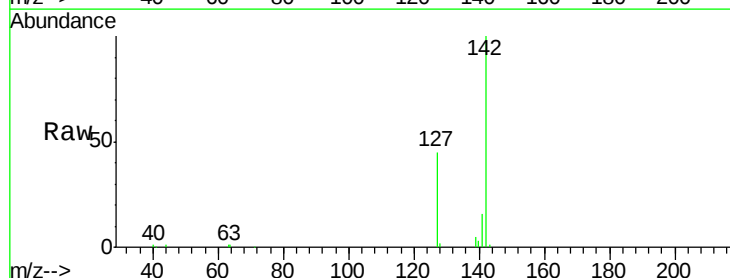
RT: 4.30 min Scan# 405

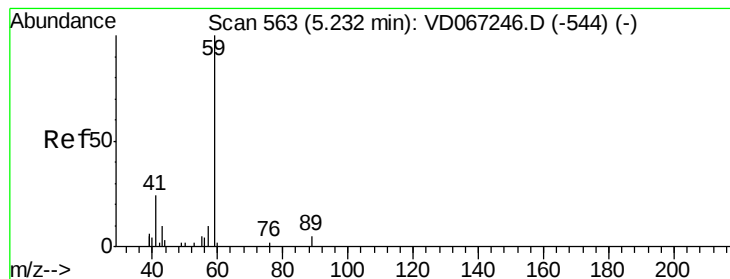
Delta R.T. 0.01 min

Lab File: VD067461.D

Acq: 30 Oct 2020 09:43

Tgt Ion:	142	Resp:	138759
Ion Ratio	Lower	Upper	
142	100		
127	48.8	38.4	57.6
141	14.8	11.6	17.4





#11

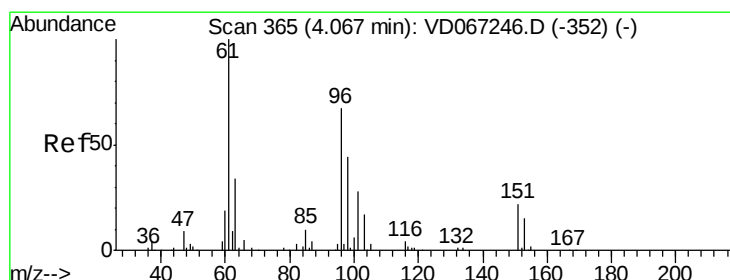
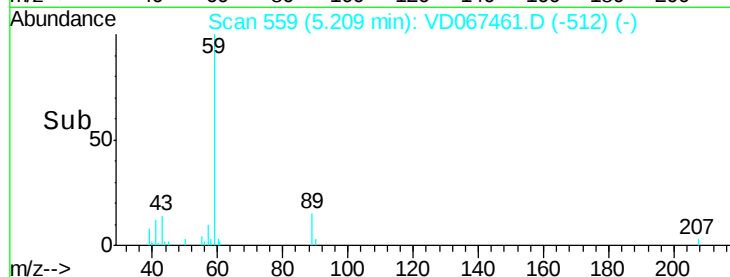
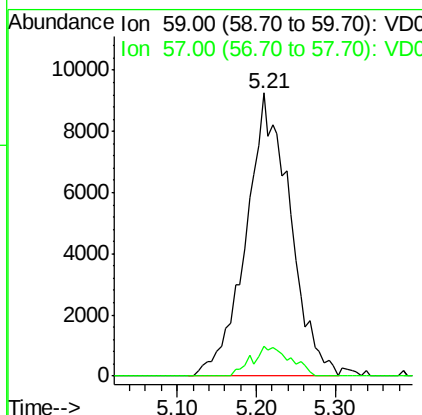
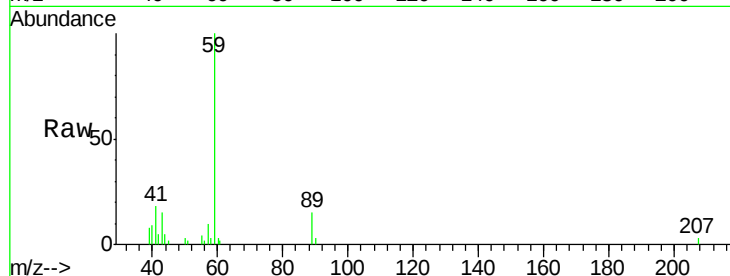
Tert butyl alcohol
Concen: 217.844 ug/l
RT: 5.21 min Scan# 559
Delta R.T. -0.02 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.2	5.1	7.7#

Manual Integrations
APPROVED

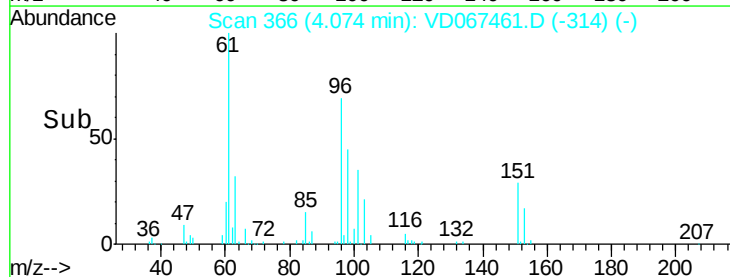
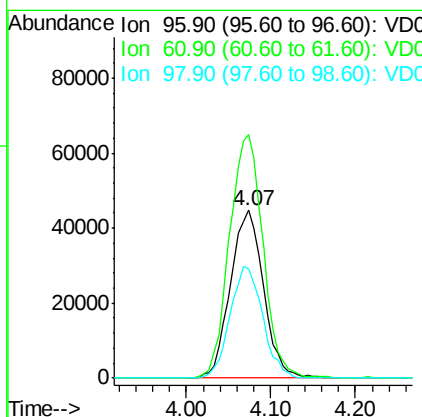
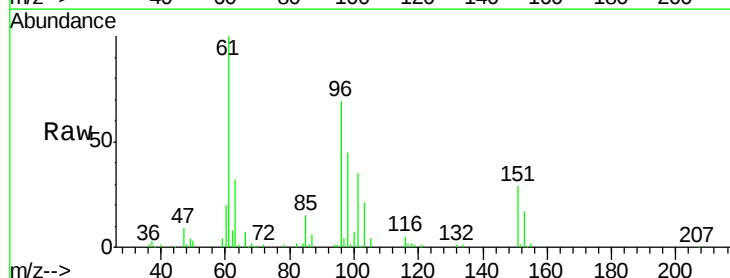
MMDadoda
11/2/2020 4:09:27 PM

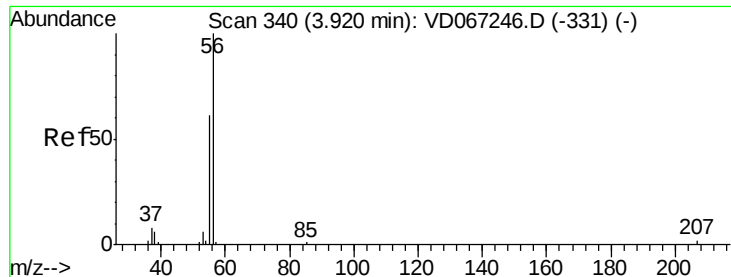


#12

1,1-Dichloroethene
Concen: 48.024 ug/l
RT: 4.07 min Scan# 366
Delta R.T. 0.01 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	145.3	118.6	177.8
98	65.3	51.8	77.6





#13

Acrolein

Concen: 167.464 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD067461.D

Acq: 30 Oct 2020 09:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 29332

Ion Ratio Lower Upper

56 100

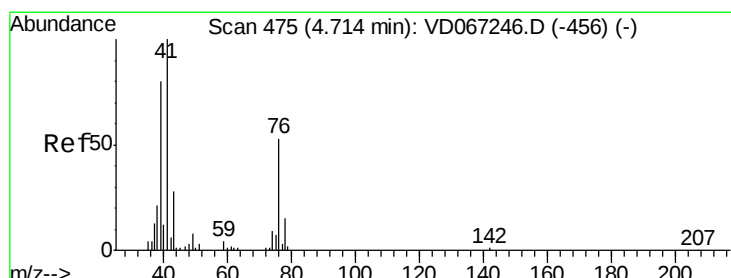
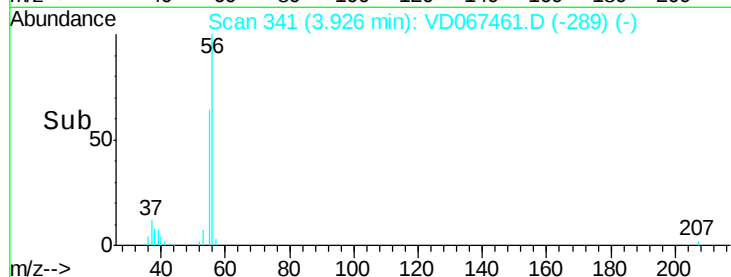
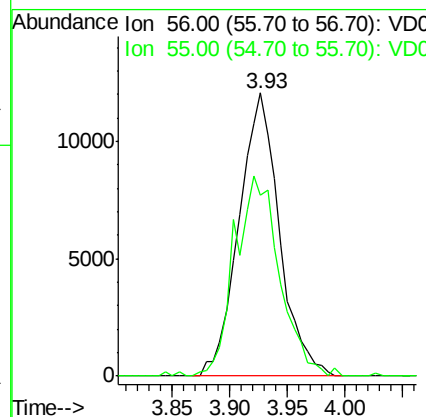
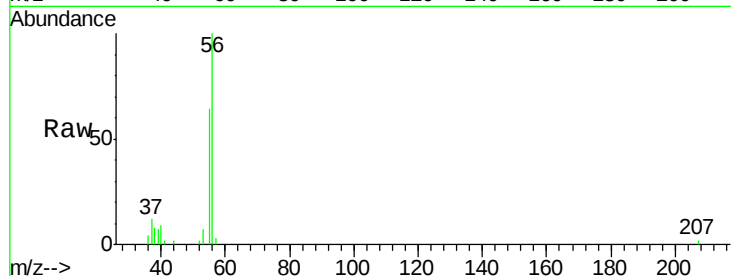
55 78.5 56.0 84.0

Manual Integrations

APPROVED

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#14

Allyl chloride

Concen: 48.181 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067461.D

Acq: 30 Oct 2020 09:43

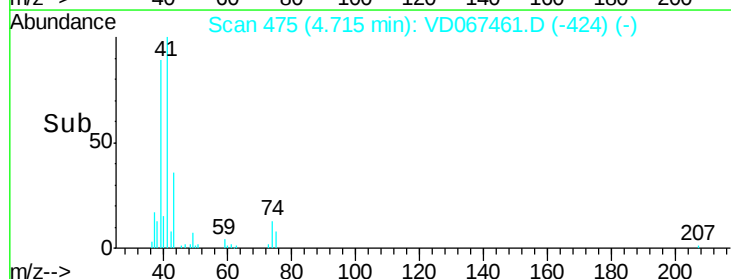
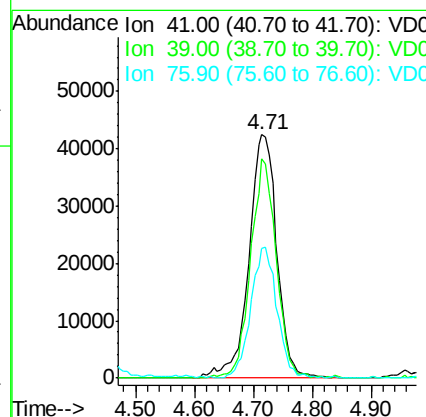
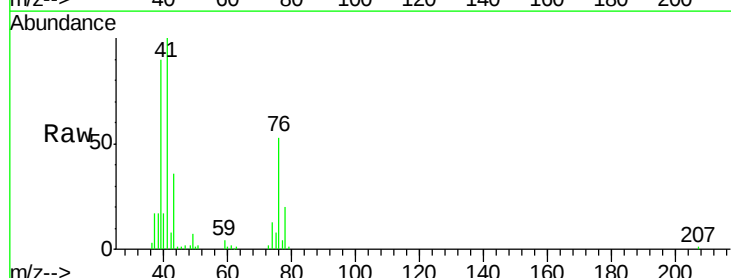
Tgt Ion: 41 Resp: 139744

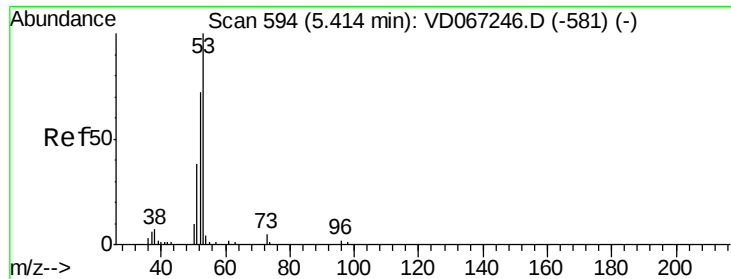
Ion Ratio Lower Upper

41 100

39 82.8 63.8 95.6

76 50.5 40.4 60.6





#15

Acrylonitrile

Concen: 251.020 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.01 min

Lab File: VD067461.D

Acq: 30 Oct 2020 09:43

Instrument :

MSVOA_D

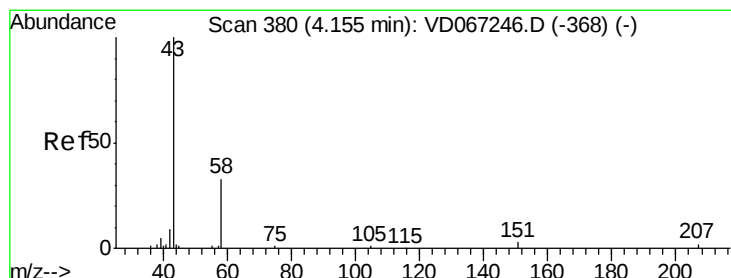
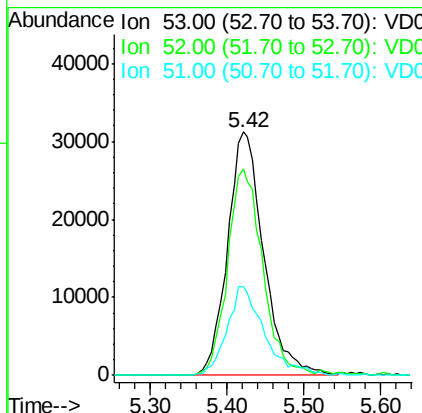
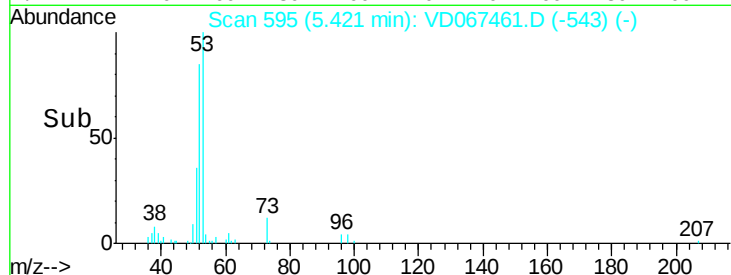
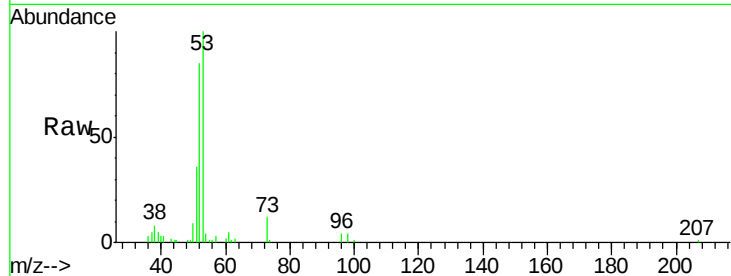
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	102270
Ion Ratio	Lower	Upper	
53	100		
52	82.0	65.6	98.4
51	37.6	30.8	46.2

Manual Integrations
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#16

Acetone

Concen: 302.945 ug/l

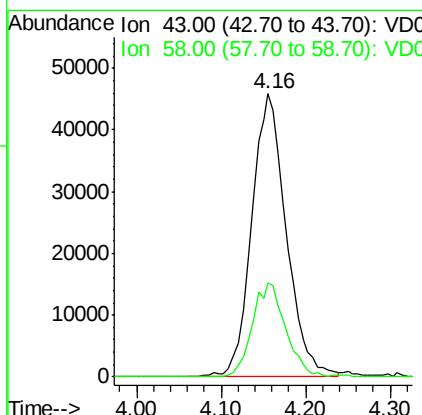
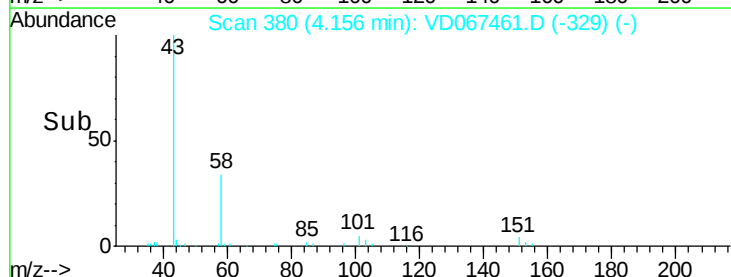
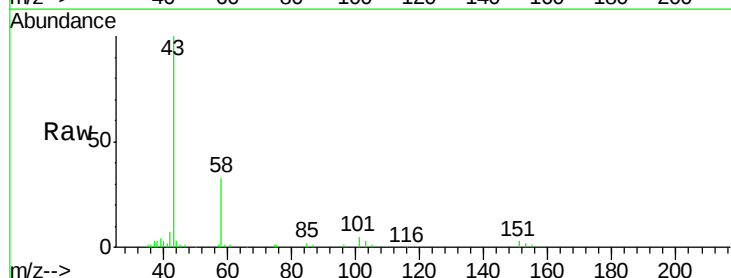
RT: 4.16 min Scan# 380

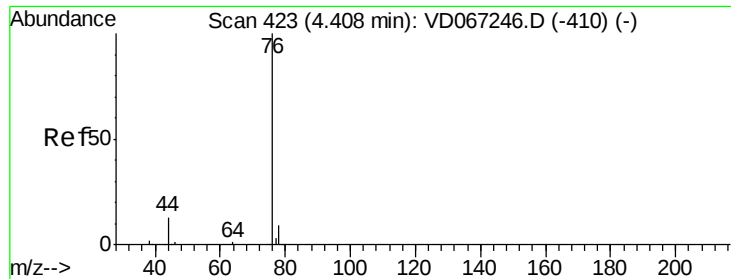
Delta R.T. 0.00 min

Lab File: VD067461.D

Acq: 30 Oct 2020 09:43

Tgt Ion:	43	Resp:	130440
Ion Ratio	Lower	Upper	
43	100		
58	33.3	26.1	39.1





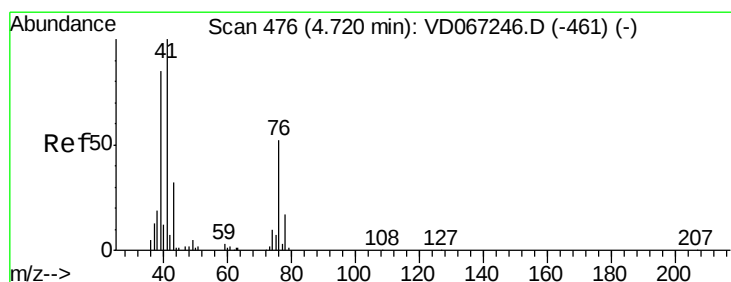
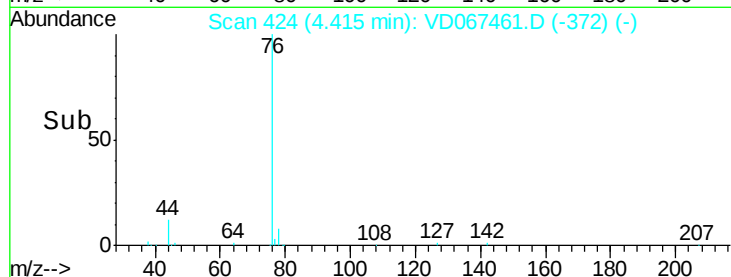
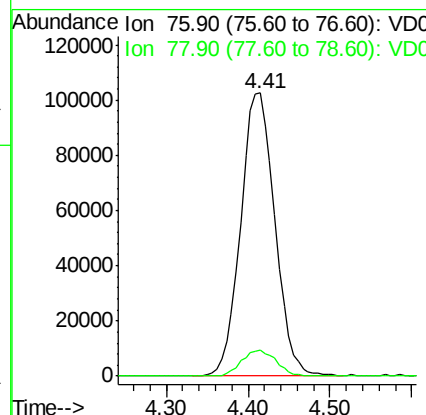
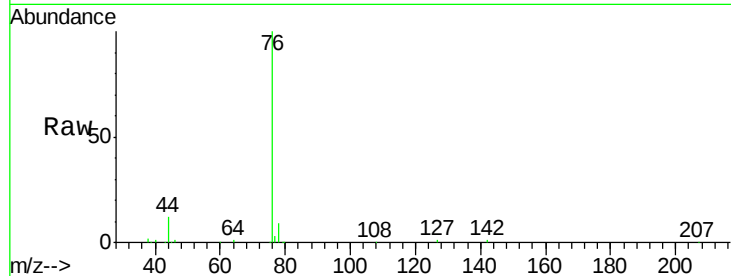
#17
Carbon Disulfide
Concen: 41.420 ug/l
RT: 4.41 min Scan# 424
Delta R.T. 0.01 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 299061
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

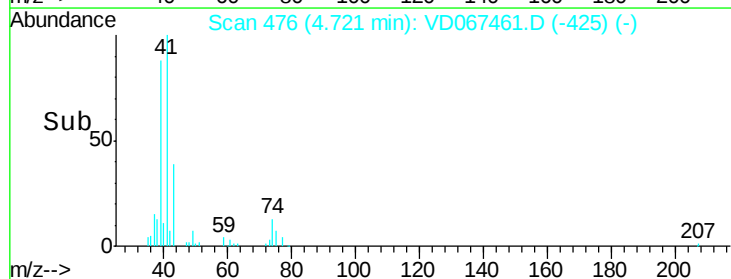
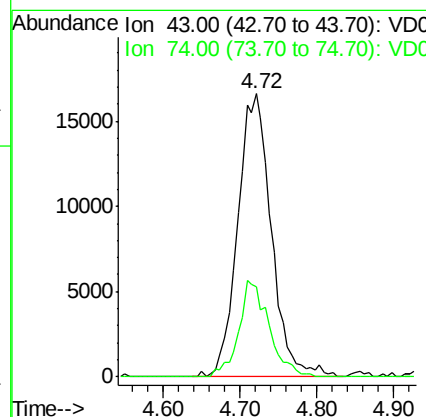
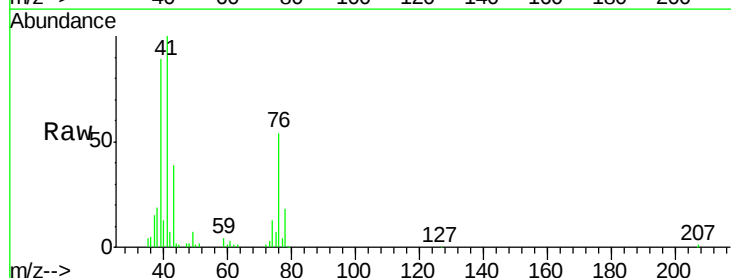
Manual Integrations
APPROVED

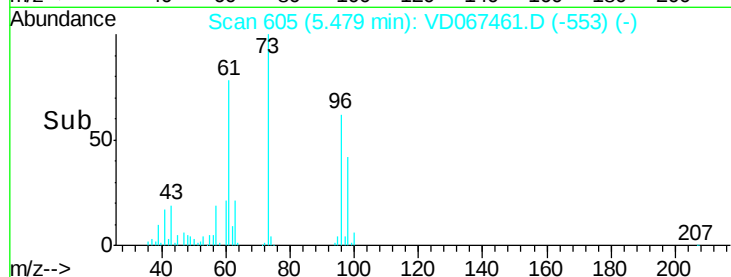
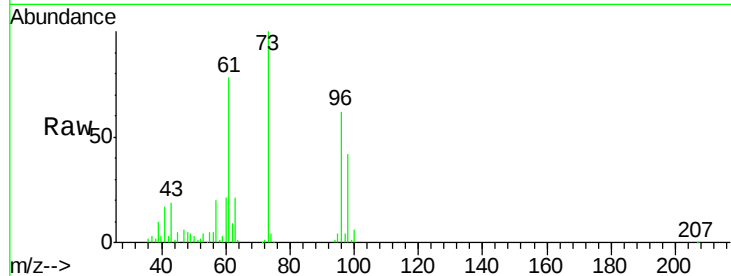
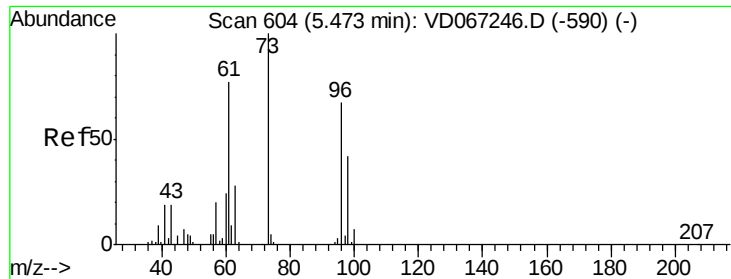
MMDadoda
11/2/2020 4:09:27 PM



#18
Methyl Acetate
Concen: 51.563 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Tgt Ion: 43 Resp: 50639
Ion Ratio Lower Upper
43 100
74 30.8 26.6 39.8





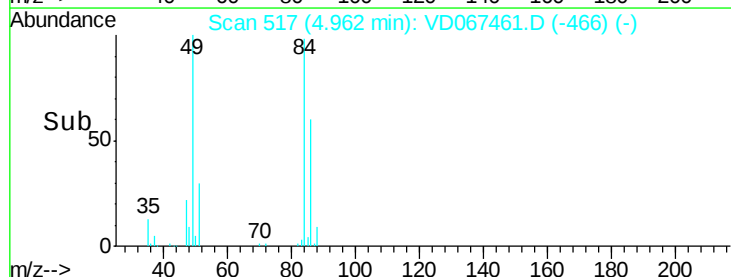
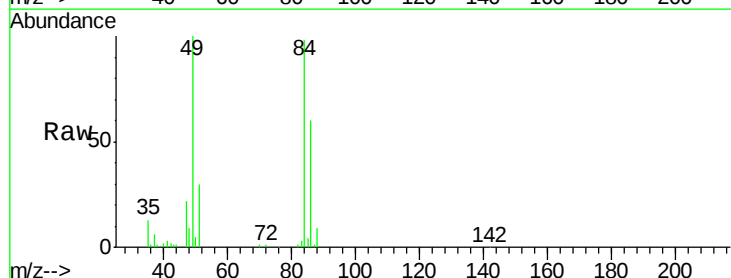
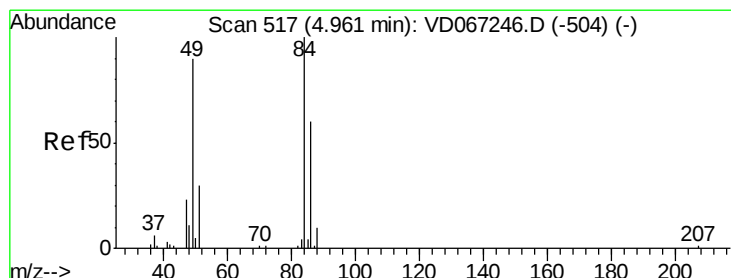
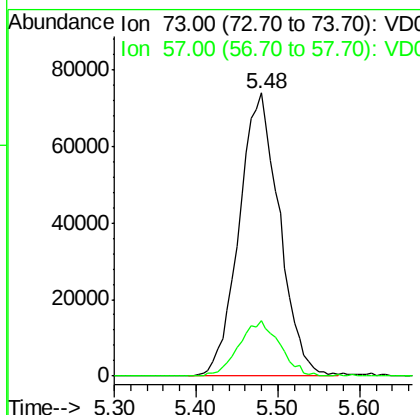
#19
Methvl tert-butvl Ether
Concen: 50.272 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Tot Ion: 73 Resp: 253172
Ion Ratio Lower Upper
73 100
57 19.6 15.7 23.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

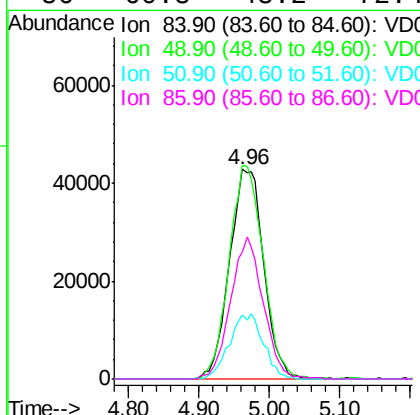
Manual Integrations
APPROVED

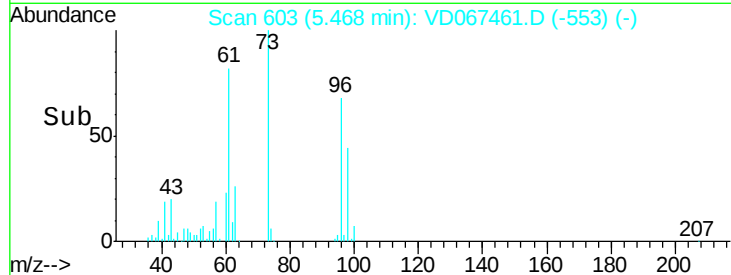
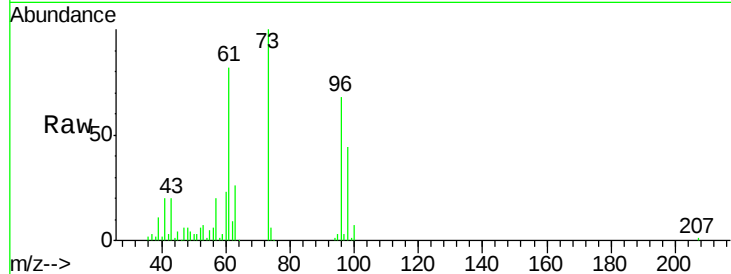
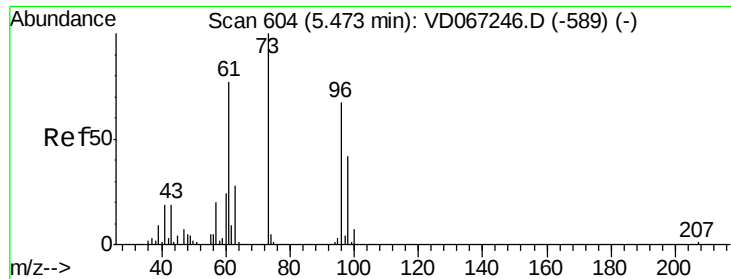
MMDadoda
11/2/2020 4:09:27 PM



#20
Methylene Chloride
Concen: 52.619 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Tgt Ion: 84 Resp: 144477
Ion Ratio Lower Upper
84 100
49 102.0 72.2 108.2
51 30.7 23.8 35.8
86 60.8 48.2 72.4





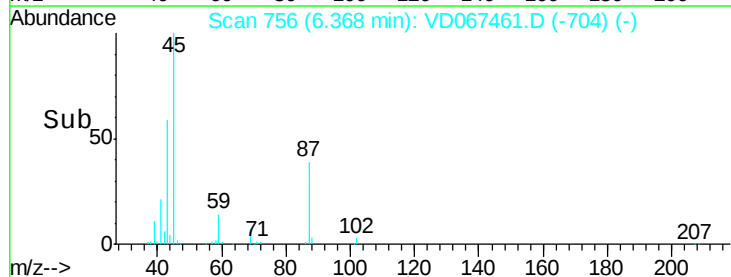
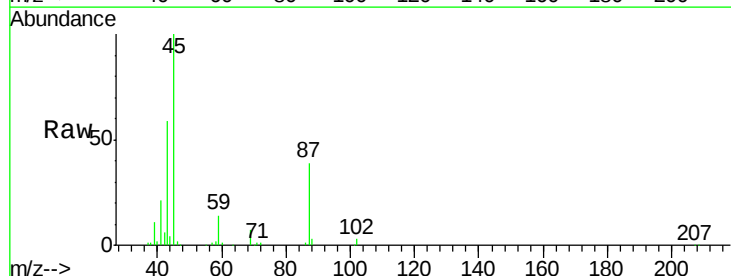
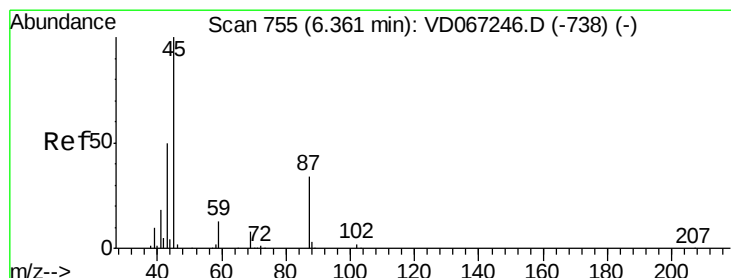
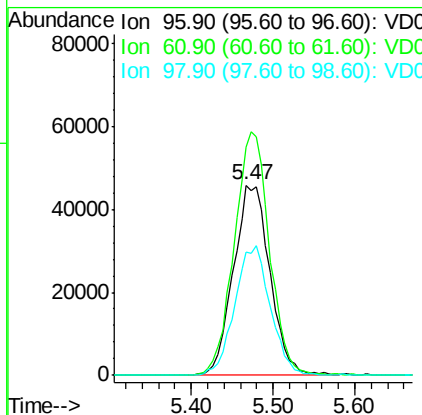
#21
trans-1,2-Dichloroethene
Concen: 48.991 ug/l
RT: 5.47 min Scan# 603
Delta R.T. -0.01 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Tot Ion	Ratio	Resp	Lower	Upper
96	100	142789		
61	119.7		92.0	138.0
98	65.0		49.8	74.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

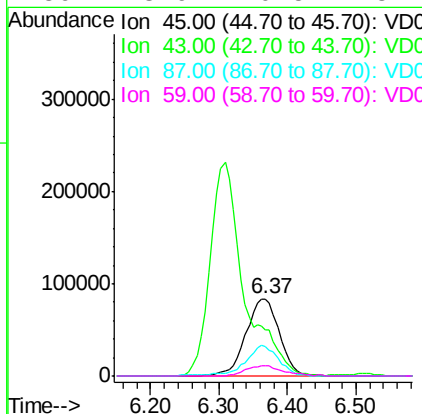
Manual Integrations
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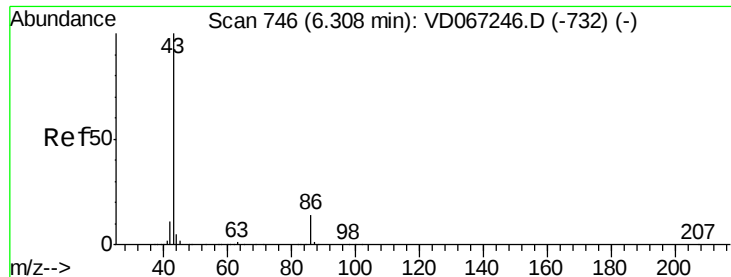
MMDadoda
11/2/2020 4:09:27 PM



#22
Diisopropyl ether
Concen: 53.657 ug/l
RT: 6.37 min Scan# 756
Delta R.T. 0.01 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	284292		
43	57.4		48.0	72.0
87	38.9		28.5	42.7
59	13.9		10.5	15.7





#23

Vinyl Acetate

Concen: 264.236 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067461.D

Acq: 30 Oct 2020 09:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 796499

Ion Ratio Lower Upper

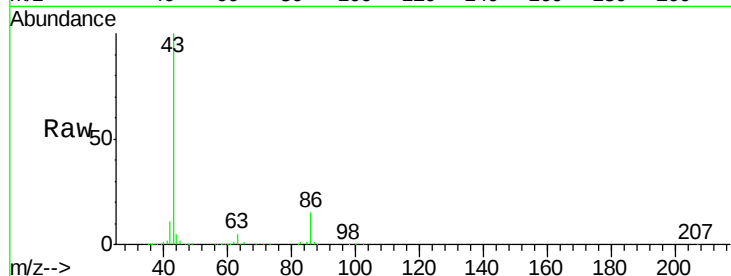
43 100

86 14.9 11.0 16.6

Manual Integrations
APPROVED

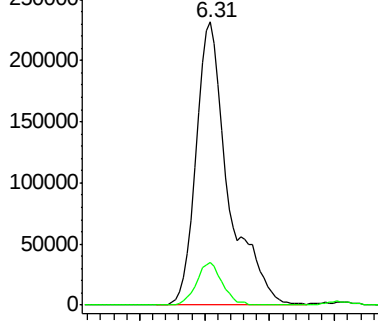
MMDadoda

11/2/2020 4:09:27 PM

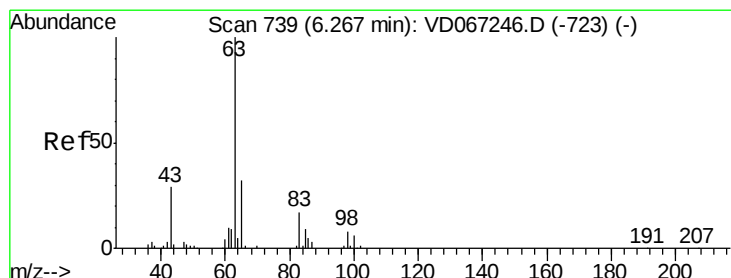
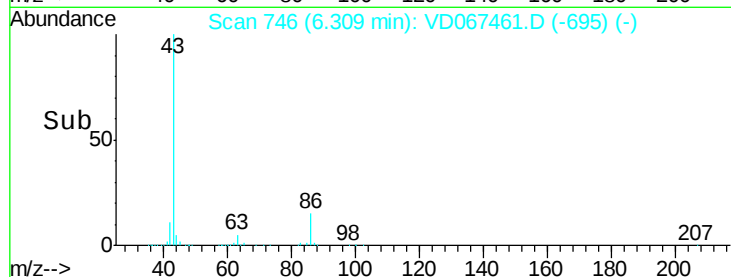


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



Time-->



#24

1,1-Dichloroethane

Concen: 52.110 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067461.D

Acq: 30 Oct 2020 09:43

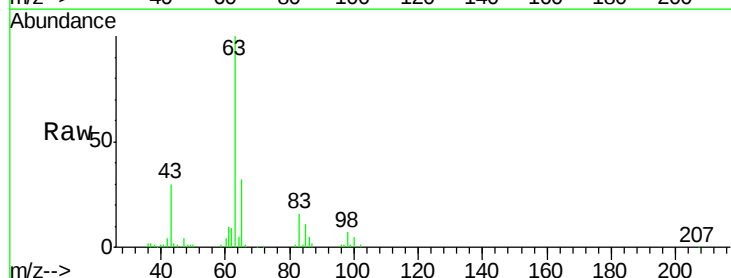
Tgt Ion: 63 Resp: 236342

Ion Ratio Lower Upper

63 100

98 7.1 4.0 12.2

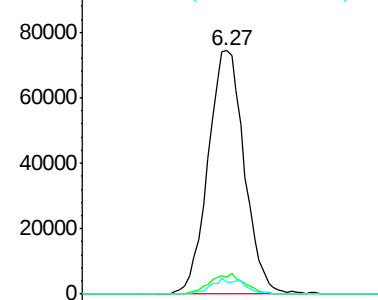
100 5.0 2.8 8.4



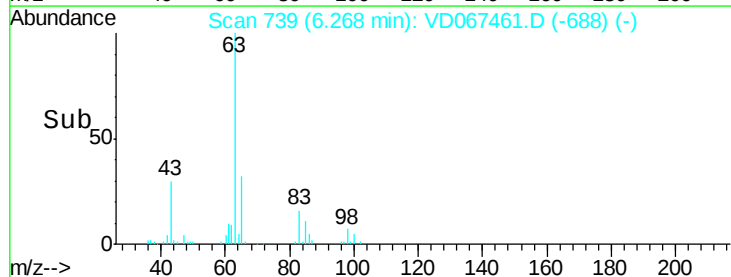
Abundance Ion 62.90 (62.60 to 63.60): VDC

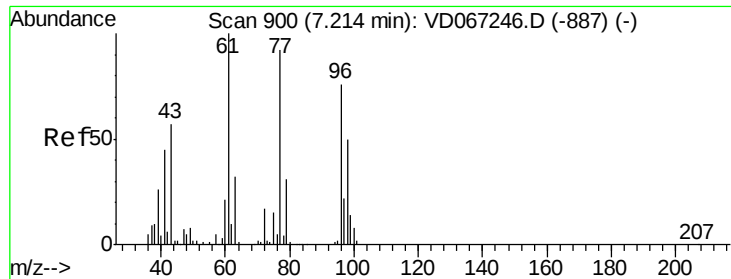
Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC



Time-->





#25

2-Butanone

Concen: 256.787 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067461.D

Acq: 30 Oct 2020 09:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 126034

Ion Ratio Lower Upper

43 100

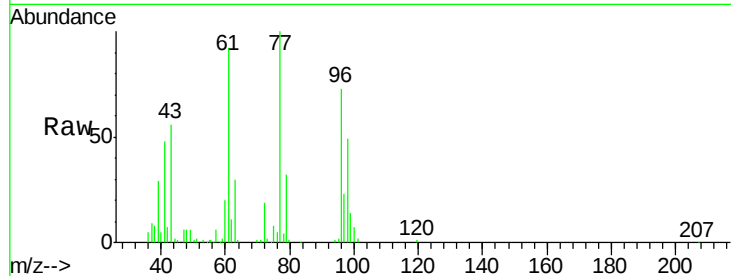
72 34.3 23.7 35.5

Manual Integrations

APPROVED

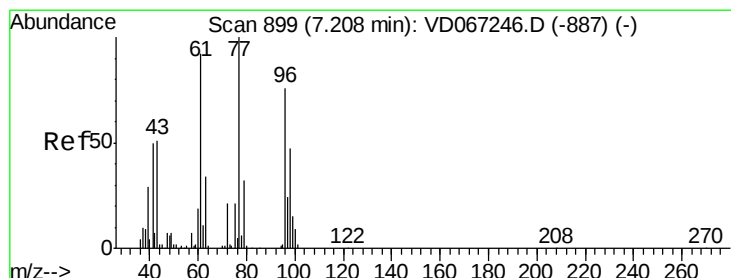
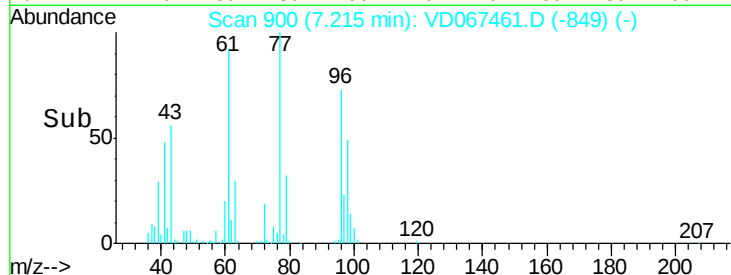
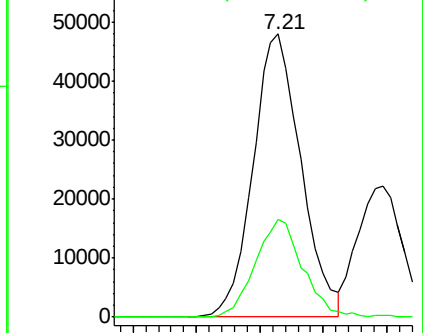
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 52.521 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD067461.D

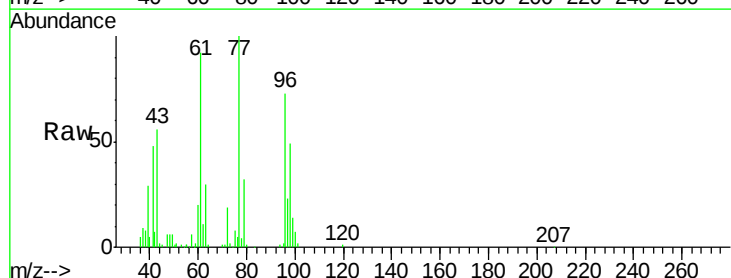
Acq: 30 Oct 2020 09:43

Tgt Ion: 77 Resp: 245527

Ion Ratio Lower Upper

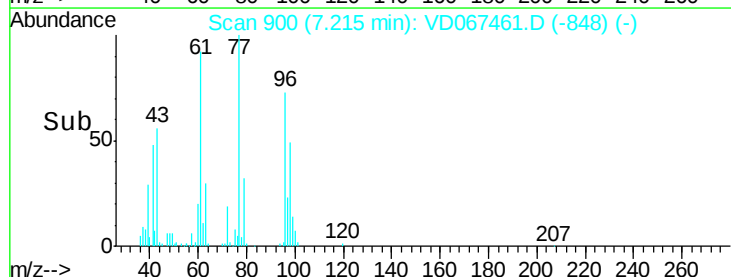
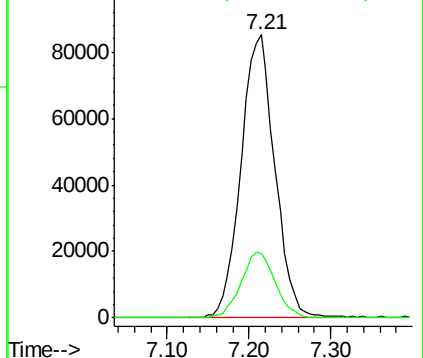
77 100

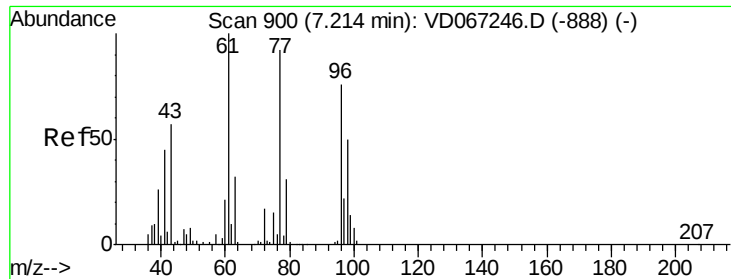
97 23.6 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

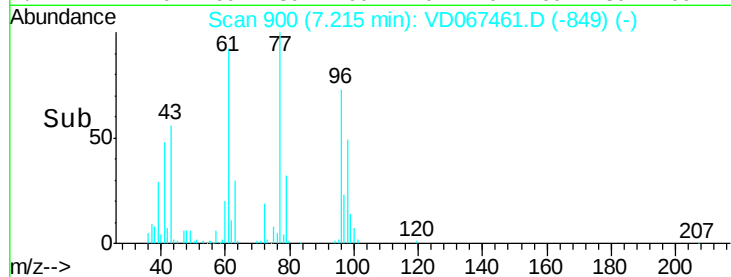
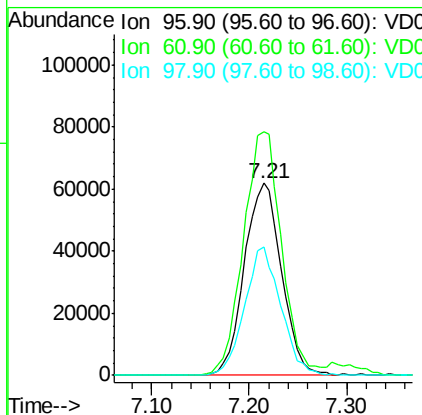
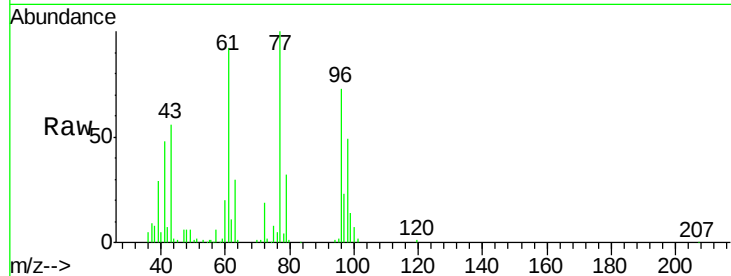
cis-1,2-Dichloroethene
Concen: 51.884 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	165733		
61	130.6	0.0	255.4	
98	64.6	0.0	128.0	

Manual Integrations
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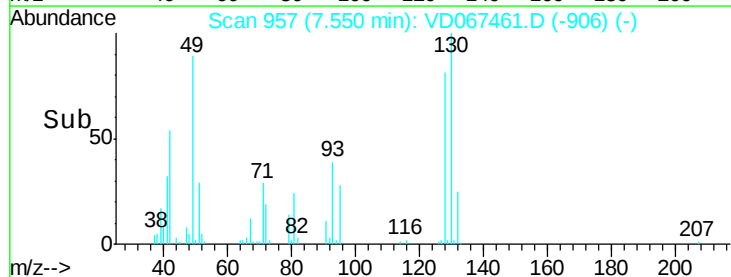
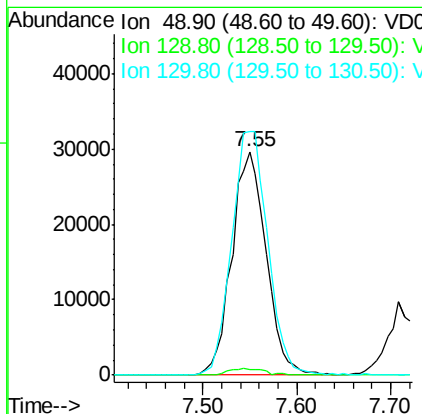
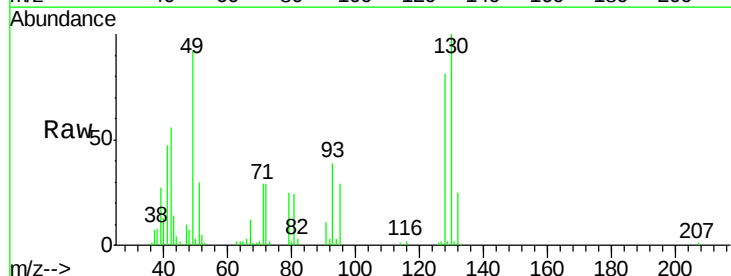
MMDadoda
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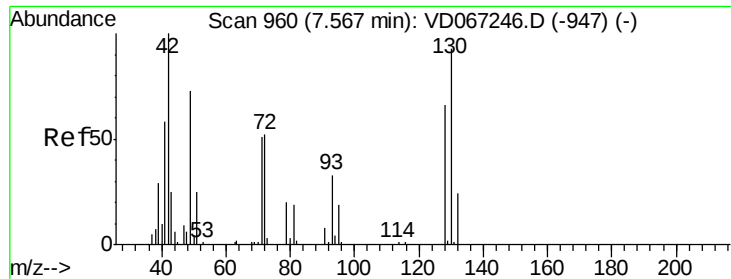


#28

Bromochloromethane
Concen: 48.428 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	74917		
129	3.0	0.0	1.6#	
130	114.8	91.0	136.6	





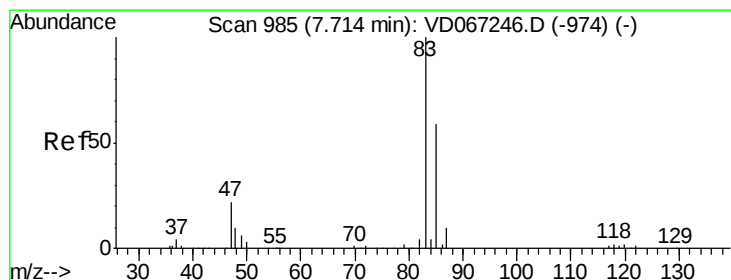
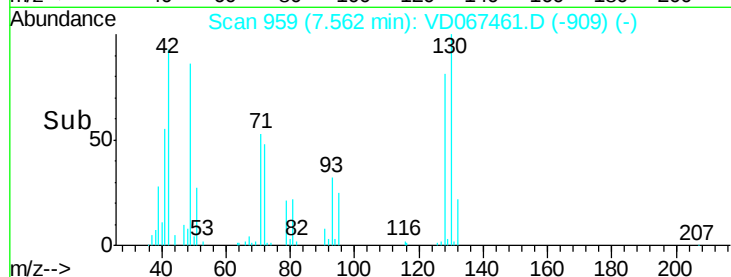
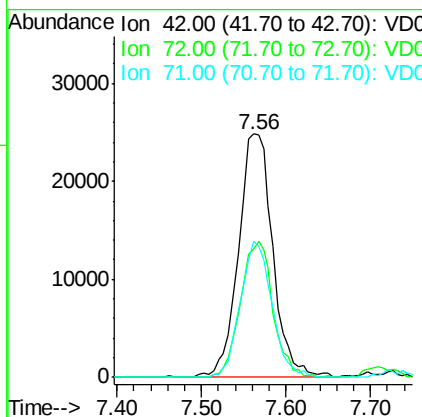
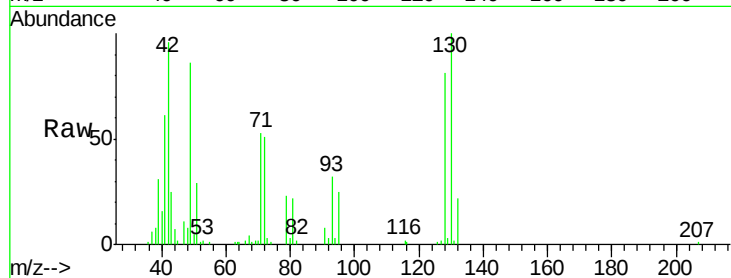
#29
Tetrahydrofuran
Concen: 256.715 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.1	43.2	64.8
71	51.4	39.4	59.0

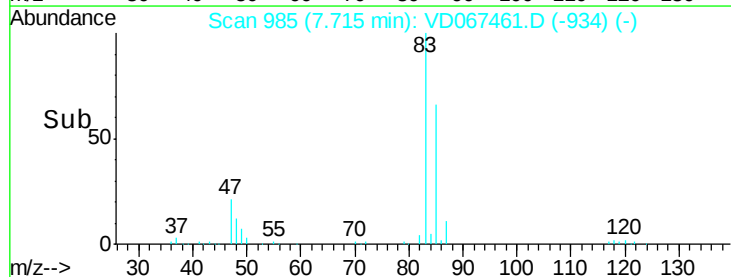
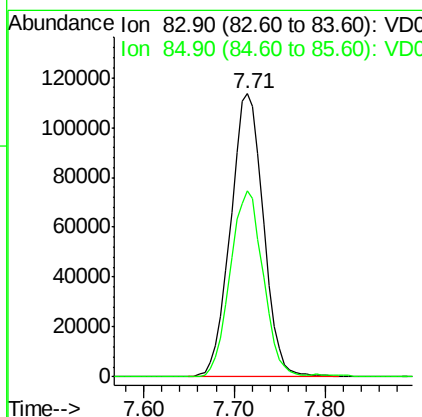
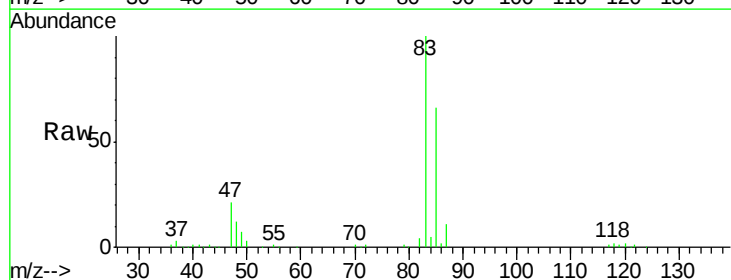
Manual Integrations
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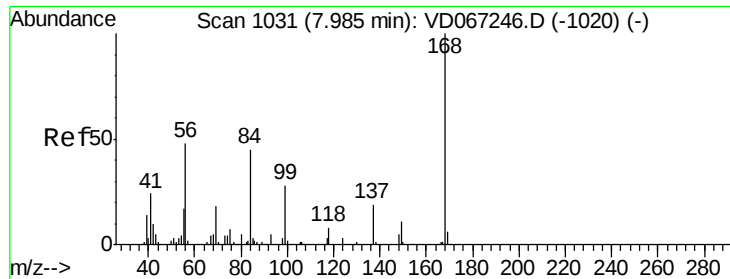
MMDadoda
11/2/2020 4:09:27 PM



#30
Chloroform
Concen: 52.818 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	47.3	70.9





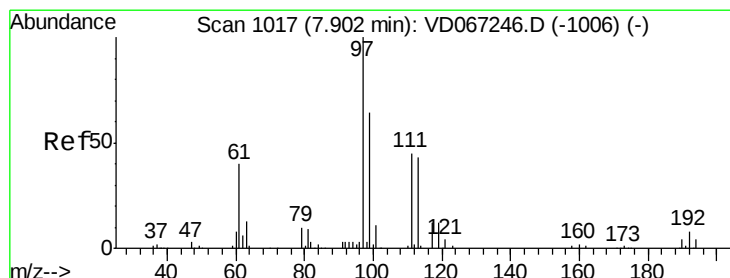
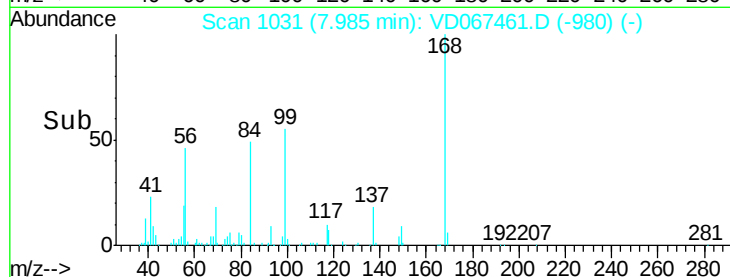
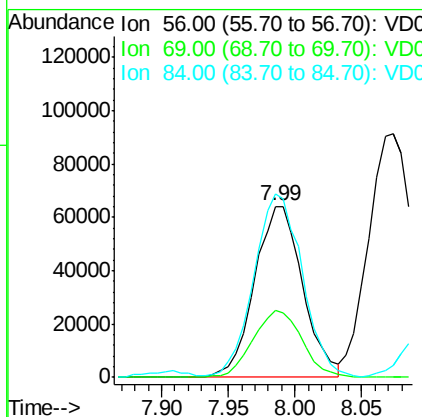
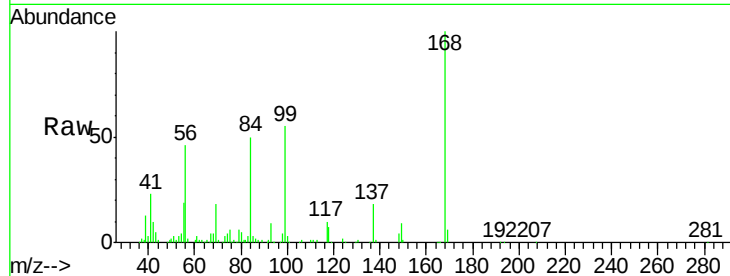
#31
Cyclohexane
Concen: 45.256 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.5	29.8	44.6
84	105.1	76.6	114.8

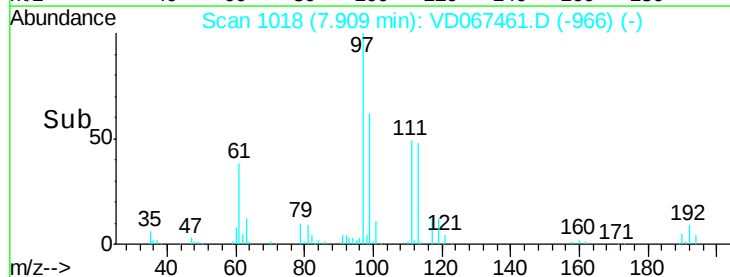
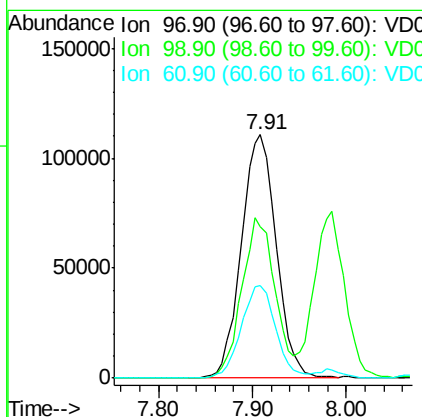
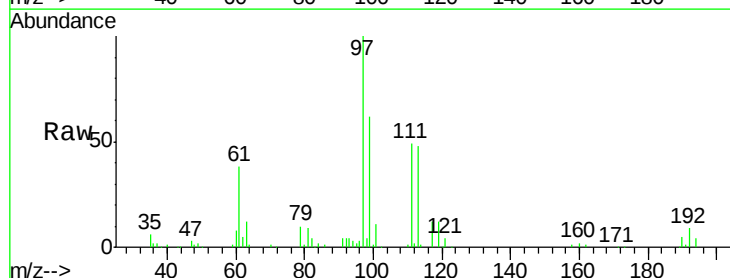
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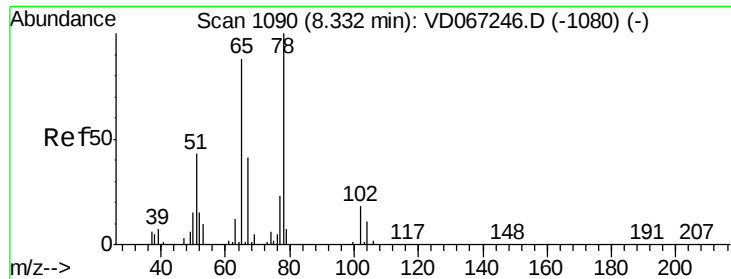
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 53.508 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.0	50.2	75.4
61	37.5	30.5	45.7





#33

1,2-Dichloroethane-d4

Concen: 47.906 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067461.D

Acq: 30 Oct 2020 09:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 147285

Ion Ratio Lower Upper

65 100

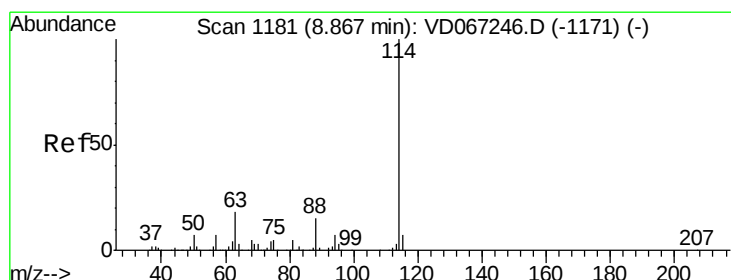
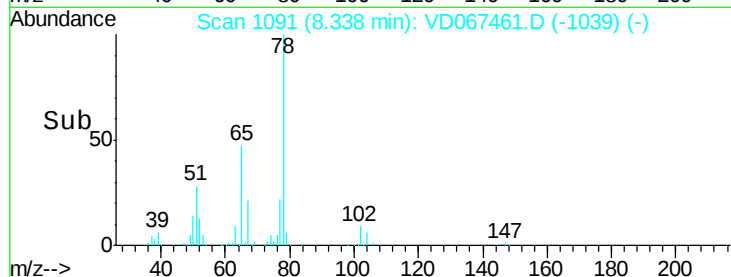
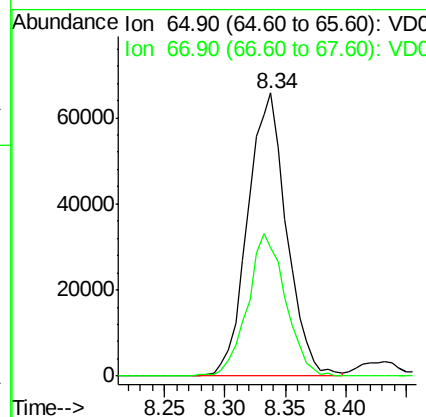
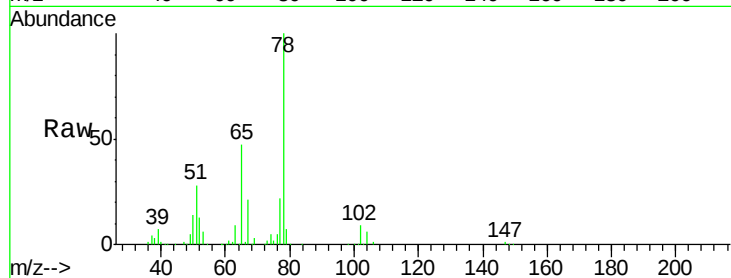
67 49.1 0.0 103.8

Manual Integrations

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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: VD067461.D

Acq: 30 Oct 2020 09:43

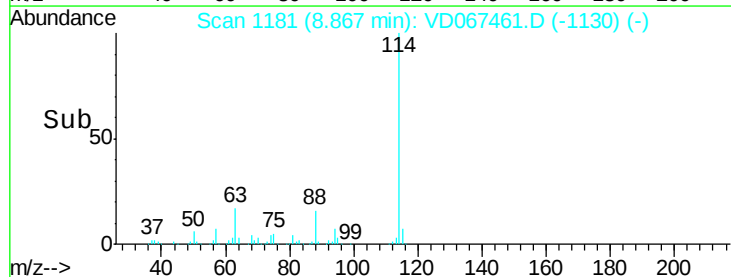
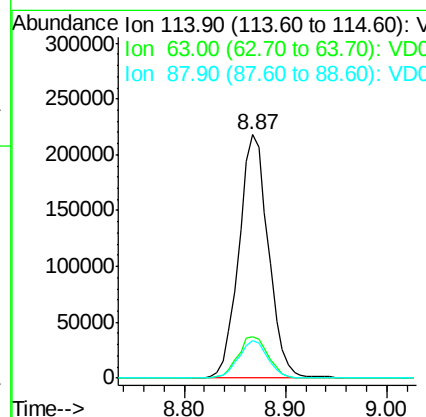
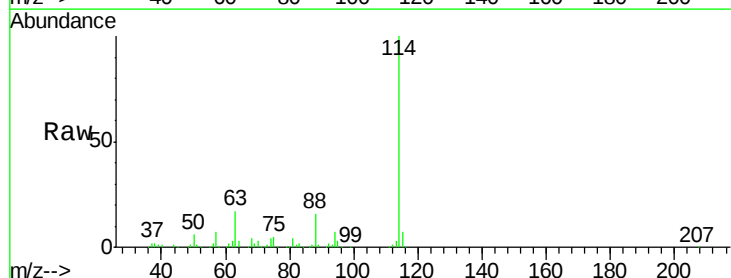
Tgt Ion: 114 Resp: 440211

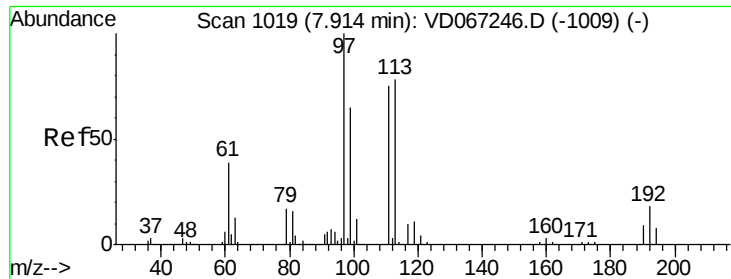
Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 15.6 0.0 30.6





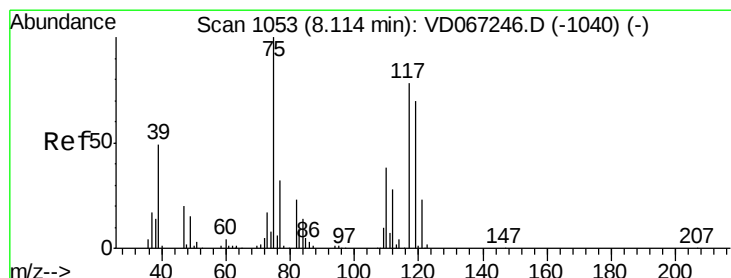
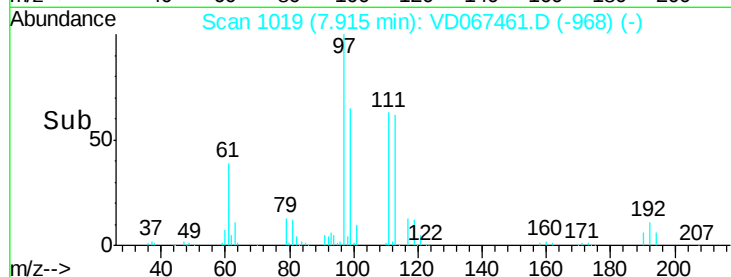
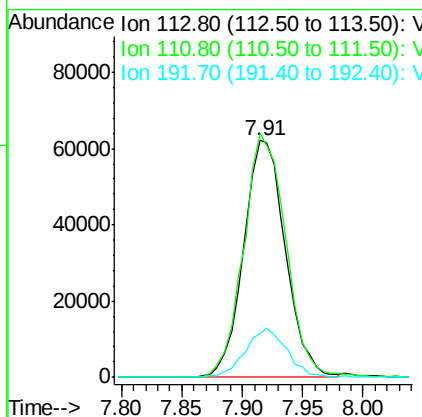
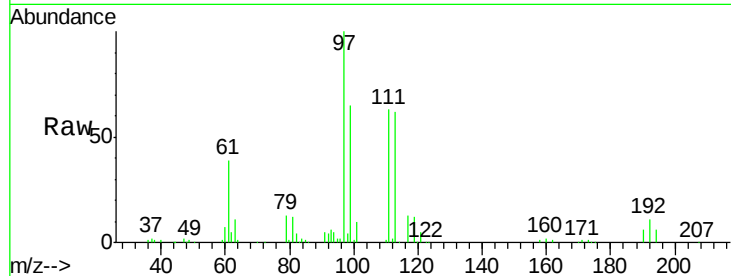
#35
 Dibromofluoromethane
 Concen: 51.378 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067461.D
 Acq: 30 Oct 2020 09:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	150517		
111	104.1	81.6	122.4	
192	20.3	17.0	25.4	

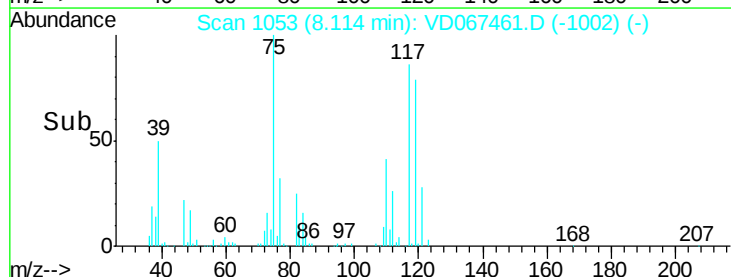
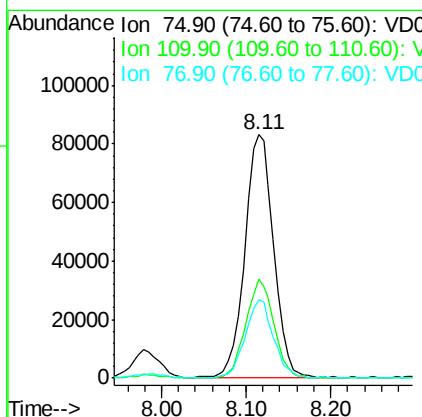
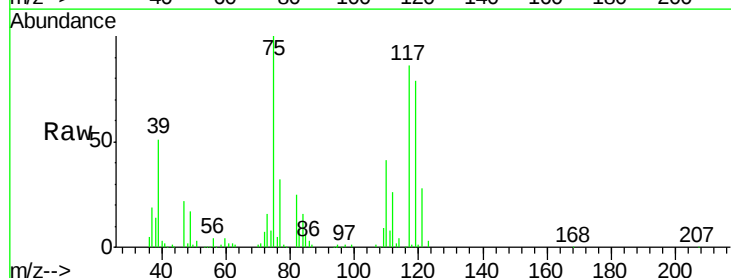
Manual Integrations
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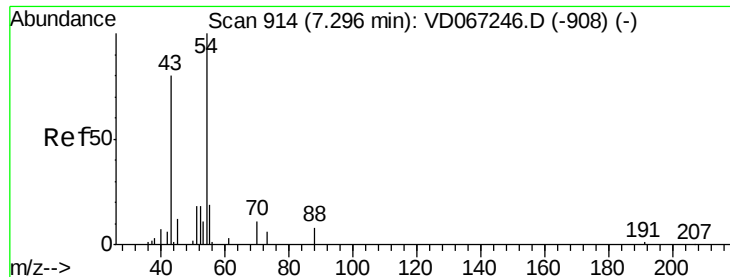
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#36
 1,1-Dichloropropene
 Concen: 52.538 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD067461.D
 Acq: 30 Oct 2020 09:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	196023		
110	39.9	19.6	58.7	
77	31.8	24.6	37.0	





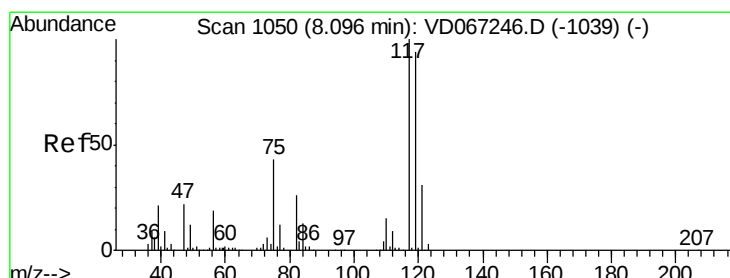
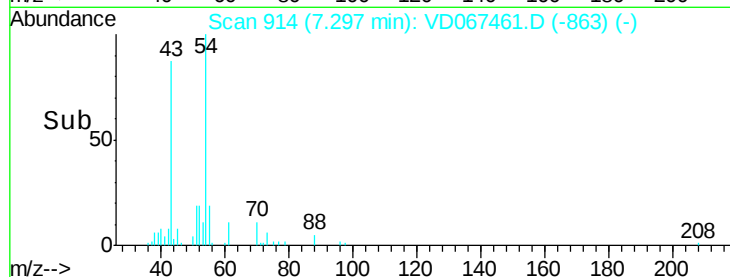
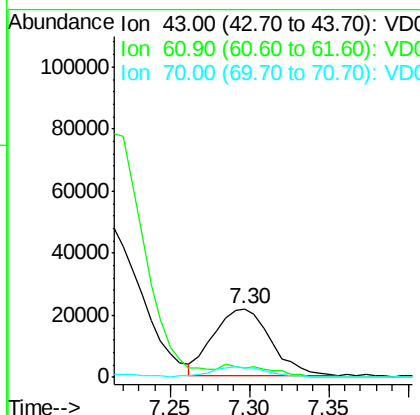
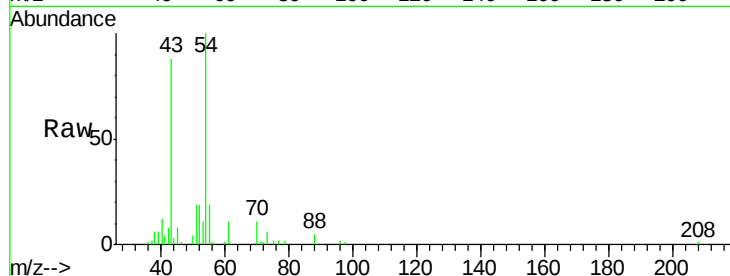
#37
Ethyl Acetate
Concen: 49.046 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	15.6	23.4#
70	15.7	10.4	15.6#

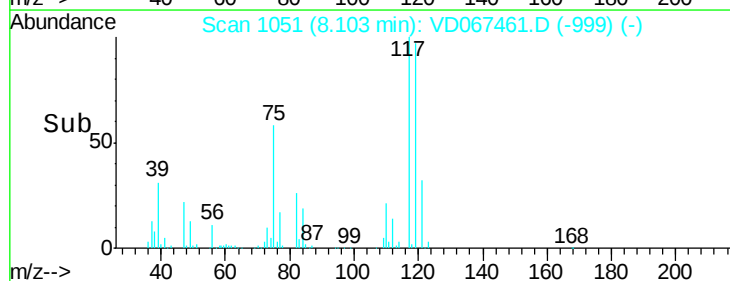
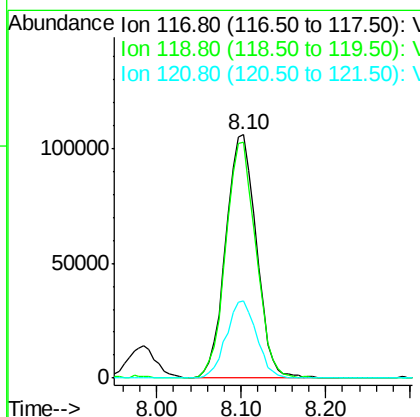
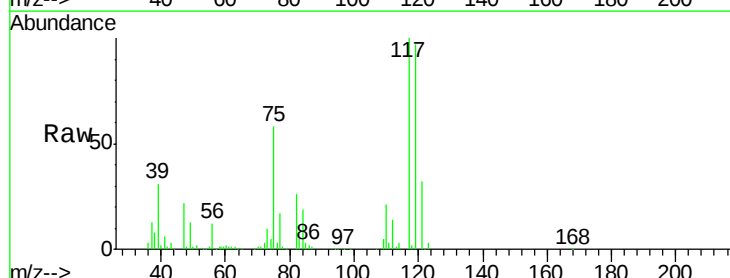
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#38
Carbon Tetrachloride
Concen: 55.543 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.0	112.4
121	31.8	24.9	37.3





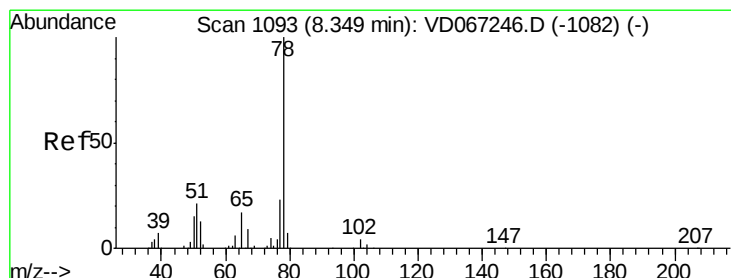
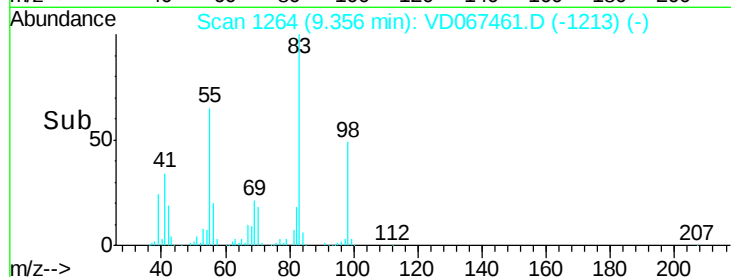
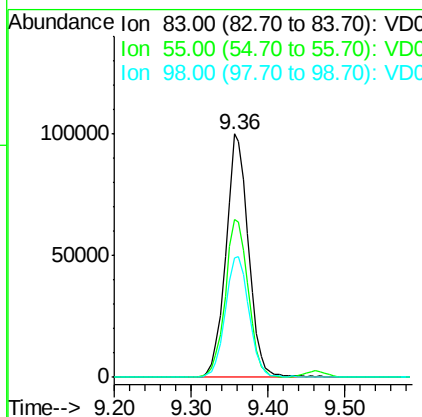
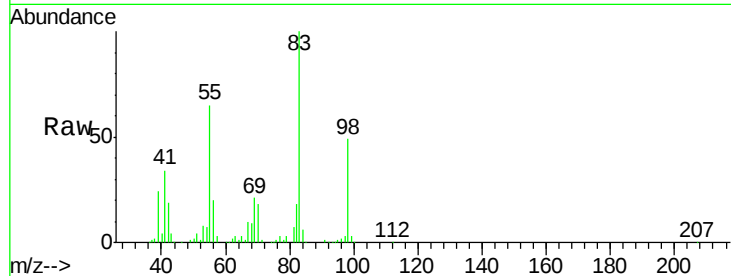
#39
Methylvlcyclohexane
Concen: 52.522 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	65.0	53.3	79.9	
98	49.3	41.0	61.4	

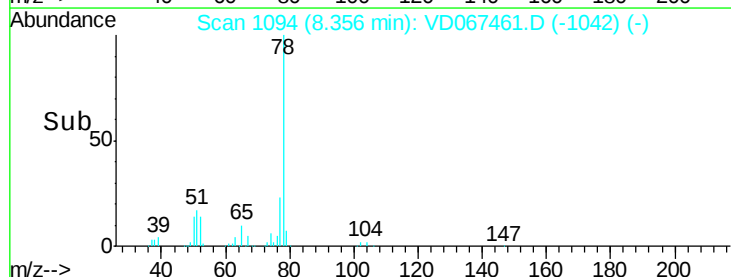
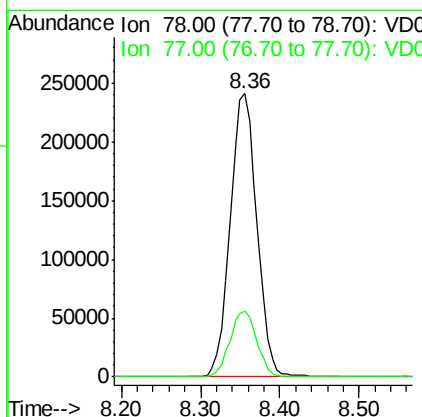
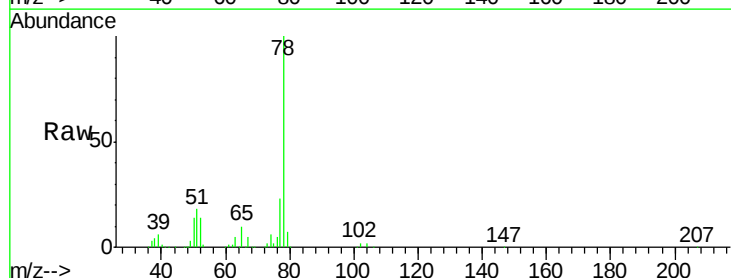
Manual Integrations
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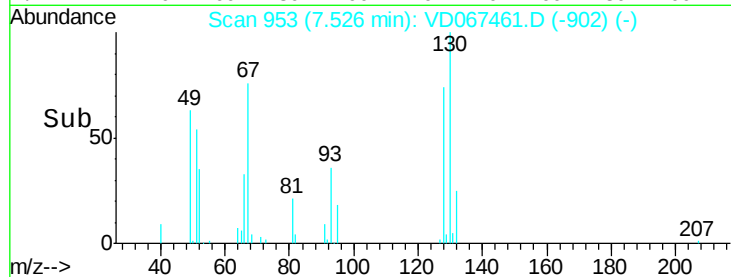
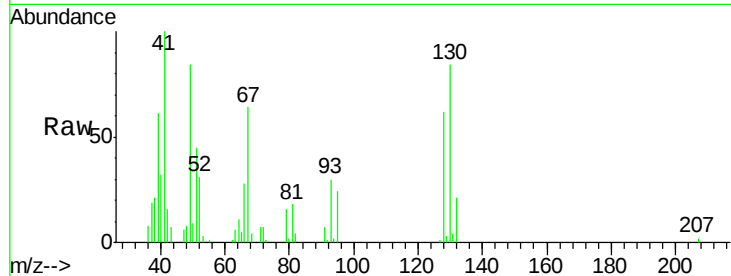
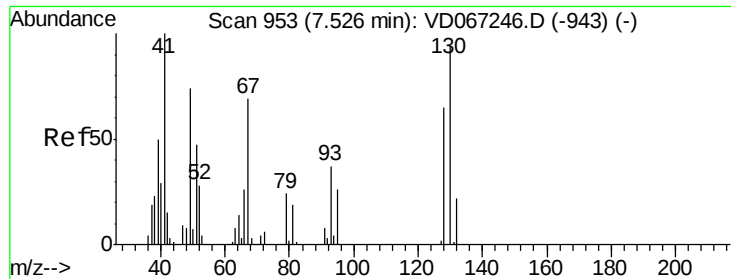
MMDadoda
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#40
Benzene
Concen: 54.751 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

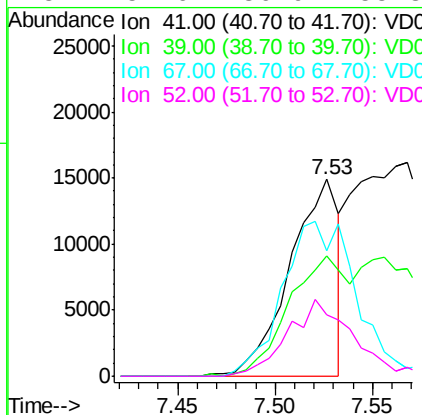
Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.3	18.3	27.5	





#41
Methacrylonitrile
Concen: 43.983 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.00 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

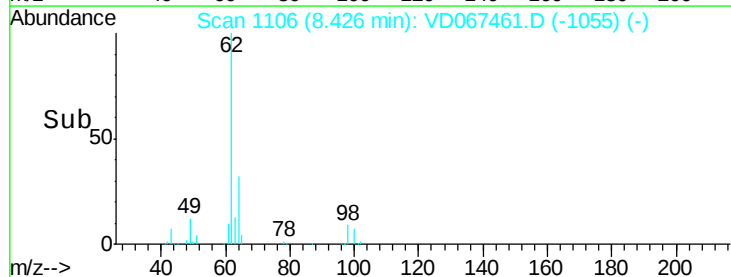
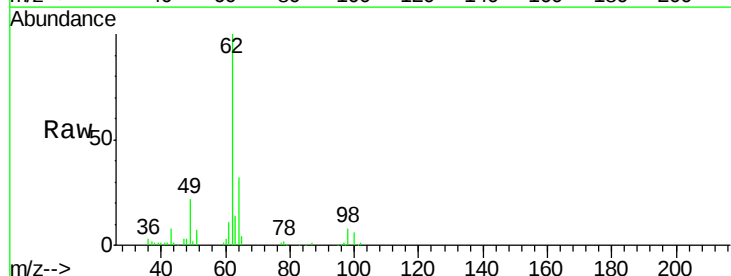
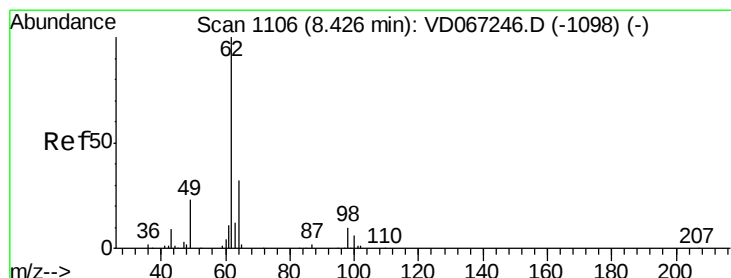
Tot Ion	Ratio	Lower	Upper
41	100		
39	73.1	60.0	90.0
67	117.5	88.9	133.3
52	51.6	36.9	55.3



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

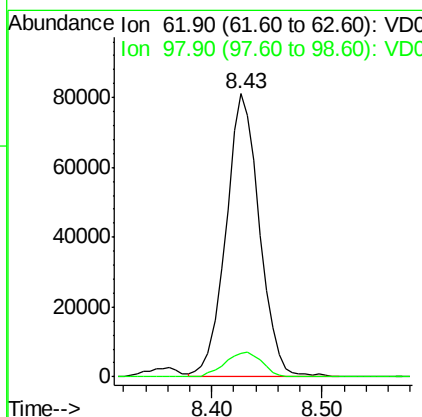
Manual Integrations
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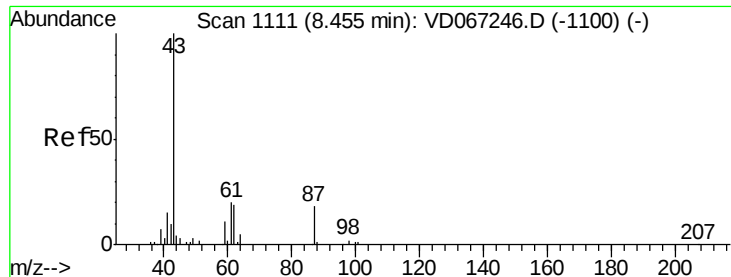
MMDadoda
11/2/2020 4:09:27 PM



#42
1,2-Dichloroethane
Concen: 53.475 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.4





#43

Isopropyl Acetate

Concen: 49.747 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067461.D

Acq: 30 Oct 2020 09:43

Instrument :

MSVOA_D

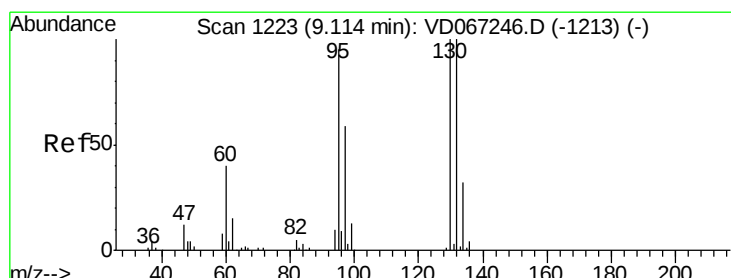
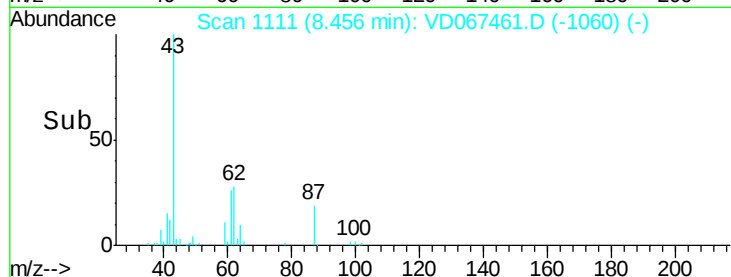
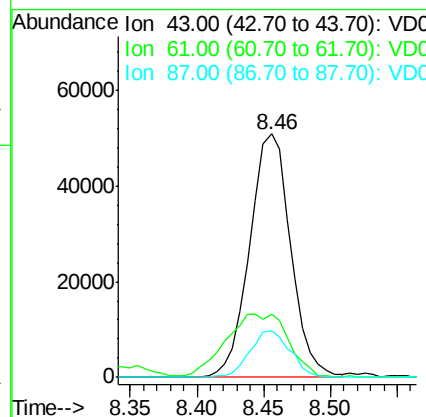
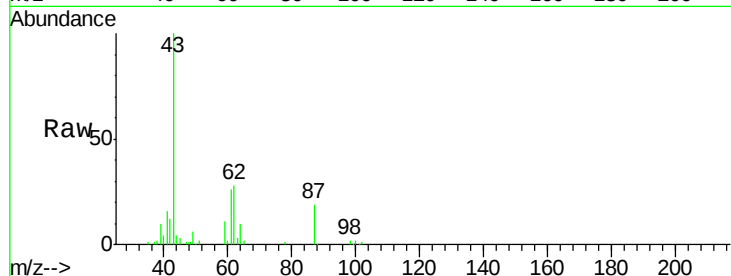
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	108359
Ion	Ratio	Lower	Upper
43	100		
61	40.2	29.5	44.3
87	18.8	14.2	21.4

Manual Integrations
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11/2/2020 4:09:27 PM



#44

Trichloroethene

Concen: 54.080 ug/l

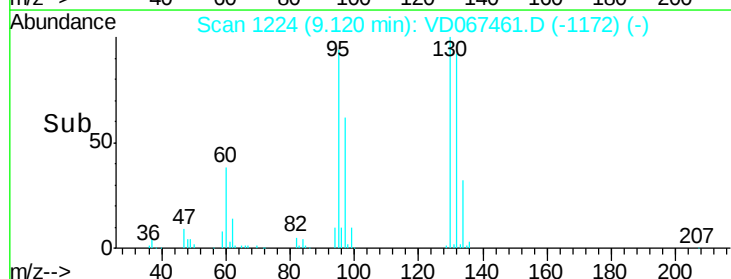
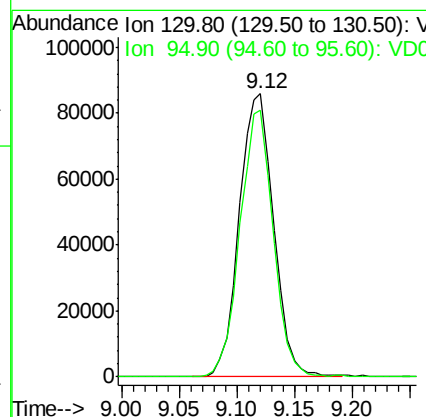
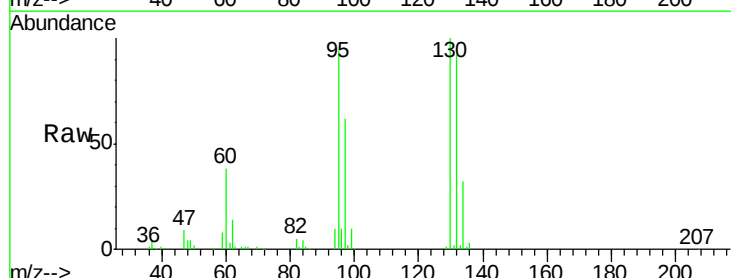
RT: 9.12 min Scan# 1224

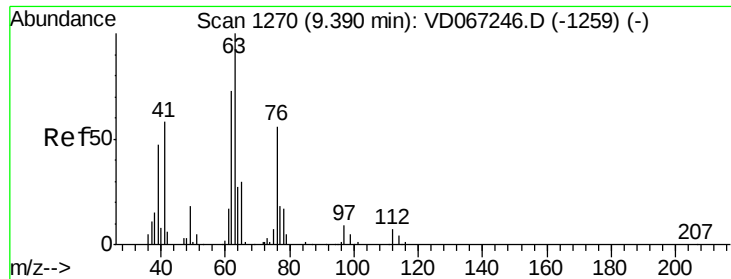
Delta R.T. 0.01 min

Lab File: VD067461.D

Acq: 30 Oct 2020 09:43

Tgt Ion:	130	Resp:	177234
Ion	Ratio	Lower	Upper
130	100		
95	94.3	0.0	190.6





#45

1,2-Dichloropropane

Concen: 54.978 ug/l

RT: 9.40 min Scan# 1271

Delta R.T. 0.01 min

Lab File: VD067461.D

Acq: 30 Oct 2020 09:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 130420

Ion Ratio Lower Upper

63 100

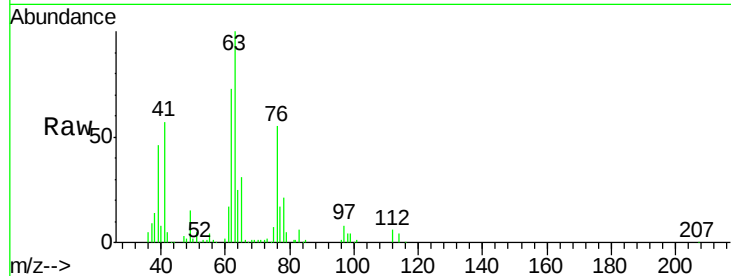
65 30.9 24.6 36.8

Manual Integrations

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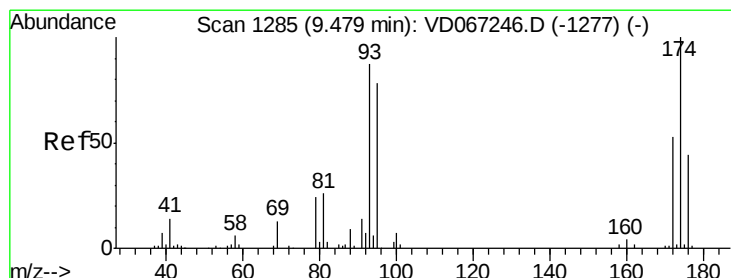
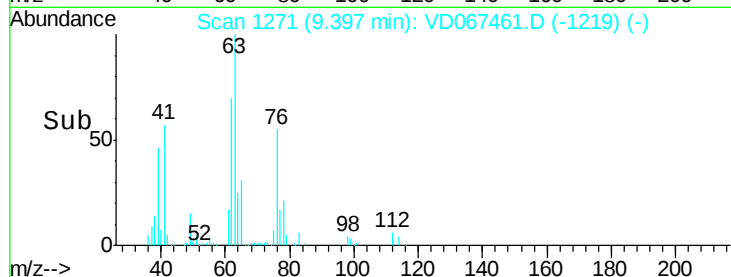
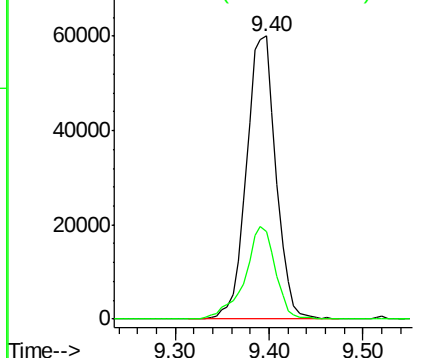
MMDadoda

11/2/2020 4:09:27 PM



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 53.068 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067461.D

Acq: 30 Oct 2020 09:43

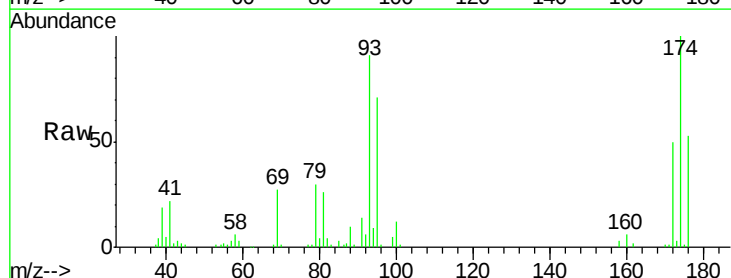
Tgt Ion: 93 Resp: 78436

Ion Ratio Lower Upper

93 100

95 84.0 68.0 102.0

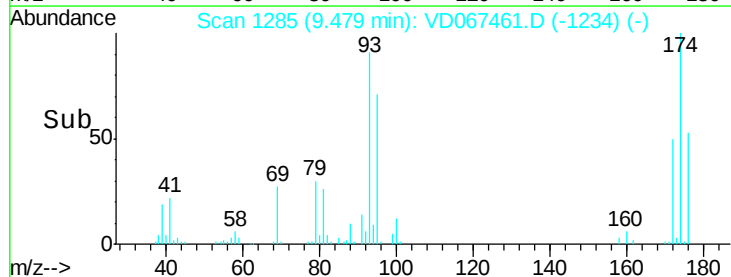
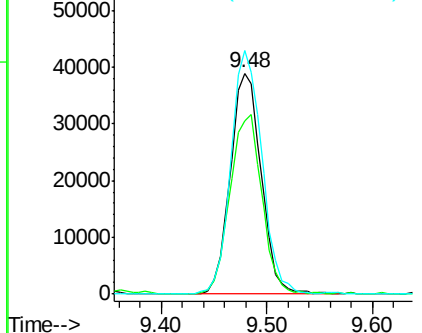
174 110.2 91.8 137.6

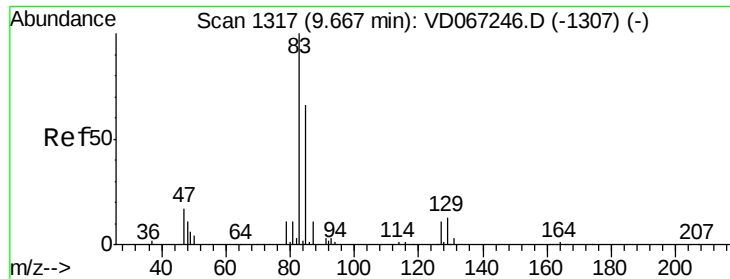


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





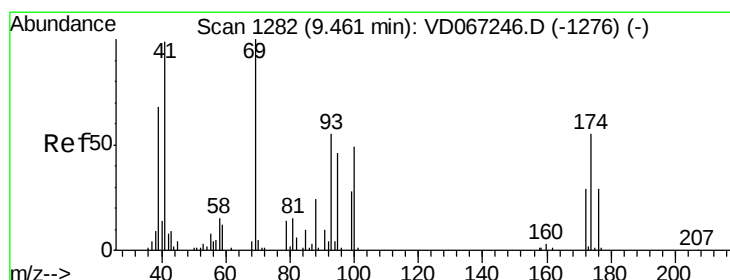
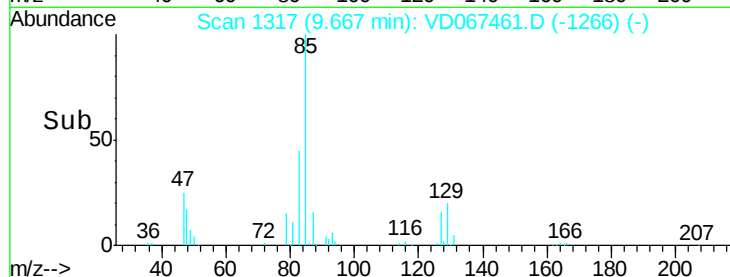
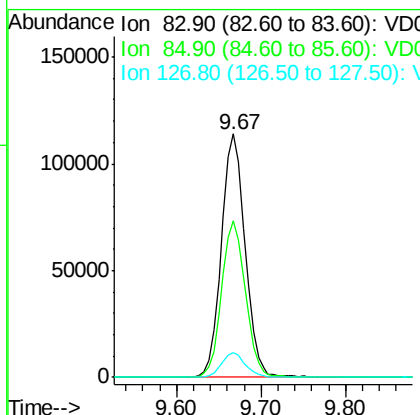
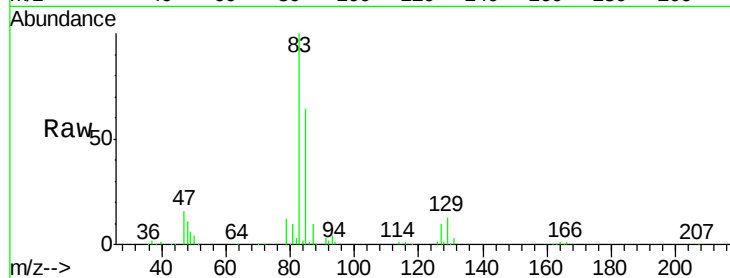
#47
Bromodichloromethane
Concen: 55.986 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	221700		
85	64.1	53.1	79.7	
127	9.9	8.6	13.0	

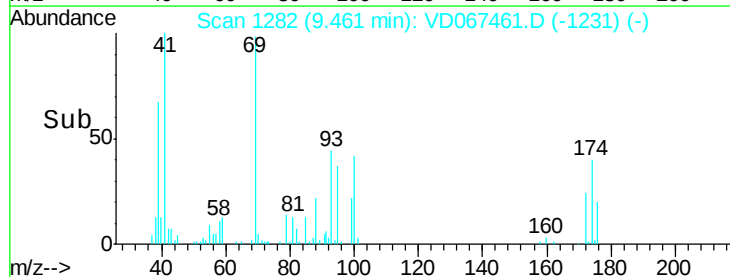
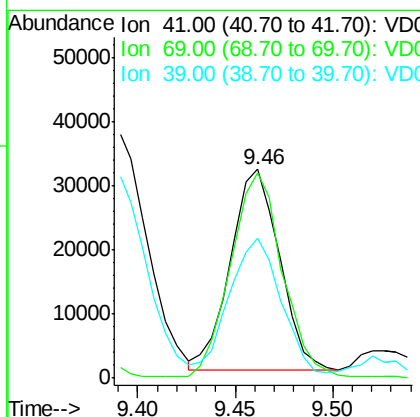
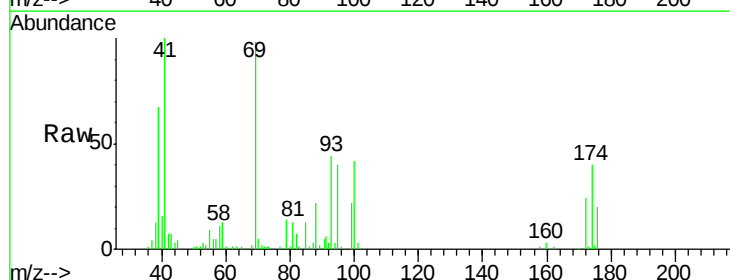
Manual Integrations
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#48
Methyl methacrylate
Concen: 51.508 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	54524		
69	108.0	89.0	133.6	
39	76.1	60.2	90.2	





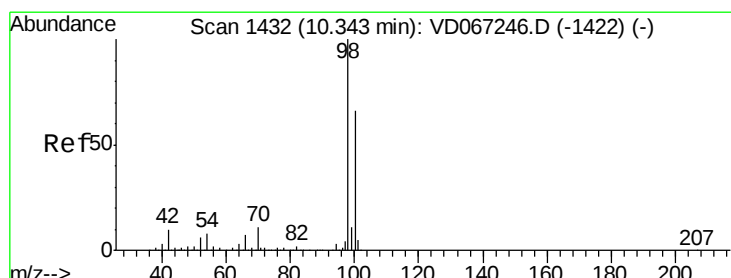
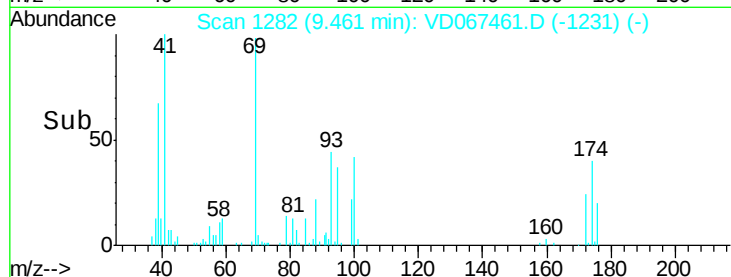
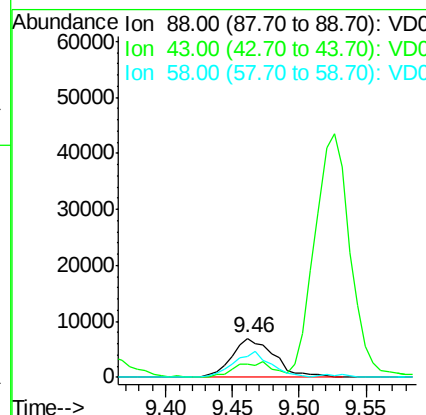
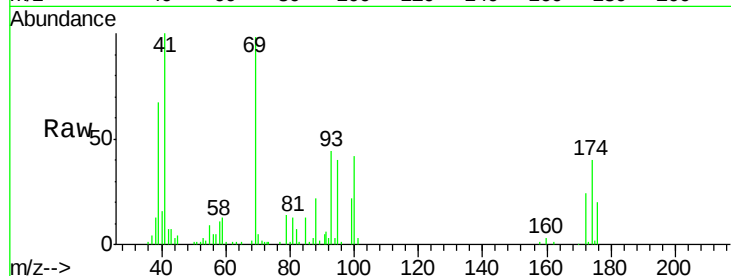
#49
1,4-Dioxane
Concen: 1085.641 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.5	23.9	35.9
58	58.5	51.0	76.6

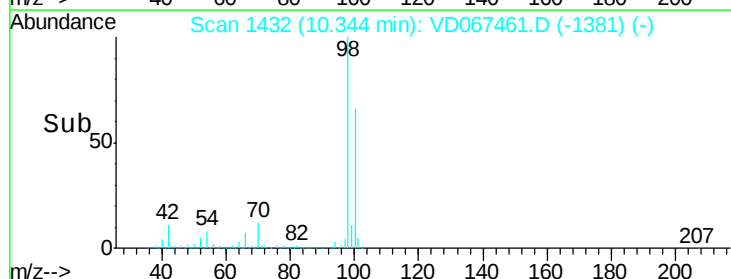
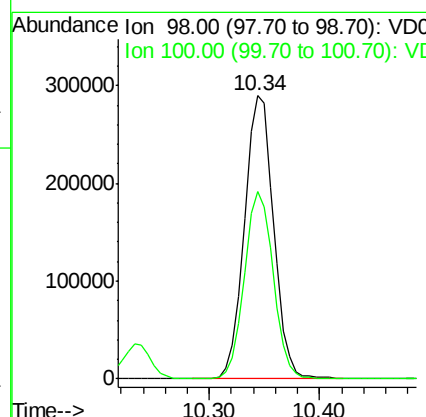
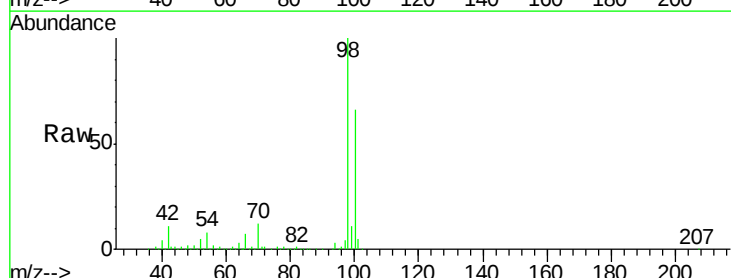
Manual Integrations
APPROVED

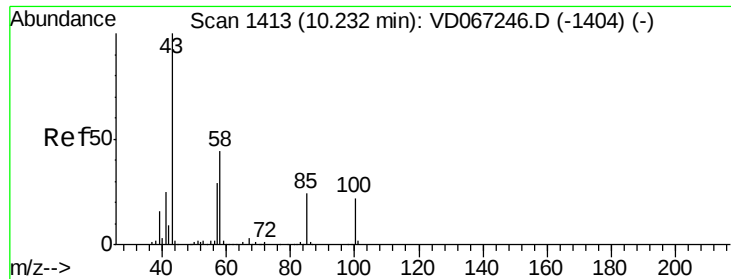
MMDadoda
11/2/2020 4:09:27 PM



#50
Toluene-d8
Concen: 50.810 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 260.791 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067461.D

Acq: 30 Oct 2020 09:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 283331

Ion Ratio Lower Upper

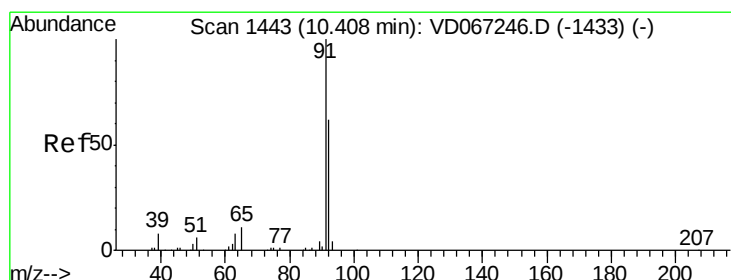
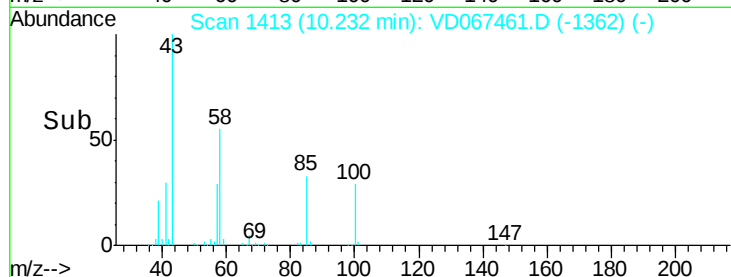
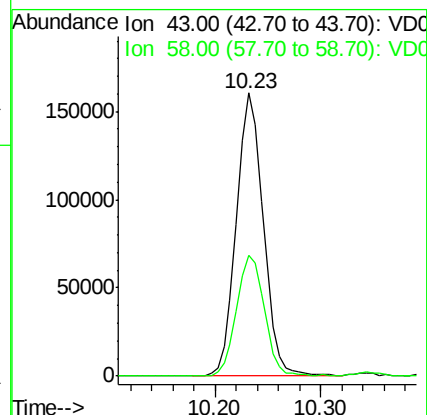
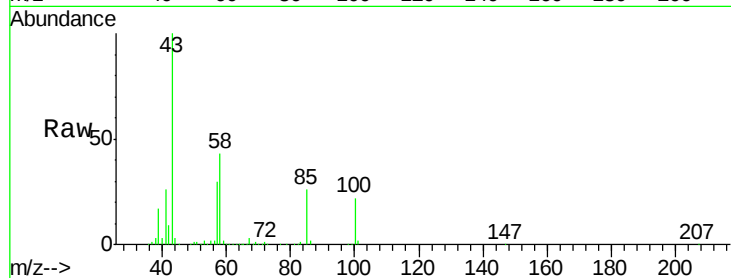
43 100

58 44.0 35.7 53.5

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#52

Toluene

Concen: 55.319 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067461.D

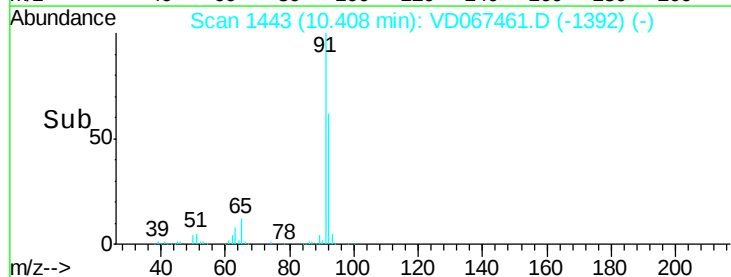
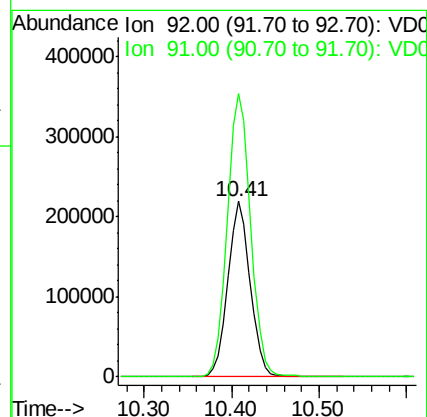
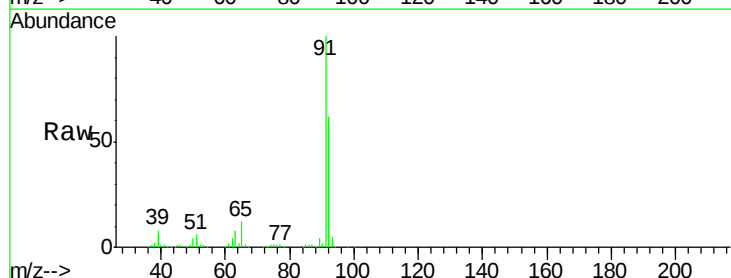
Acq: 30 Oct 2020 09:43

Tgt Ion: 92 Resp: 385661

Ion Ratio Lower Upper

92 100

91 168.7 133.8 200.8





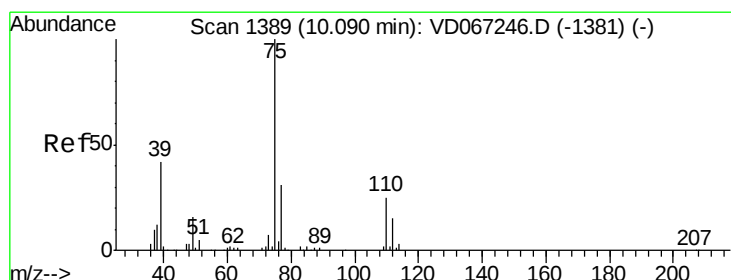
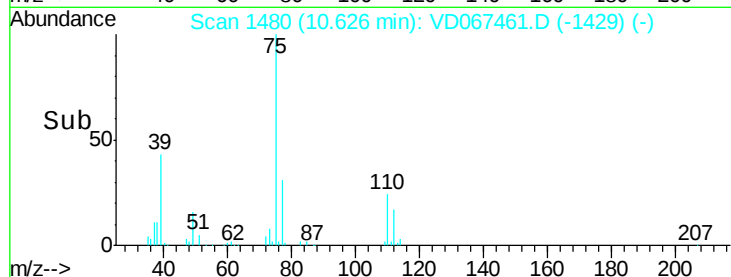
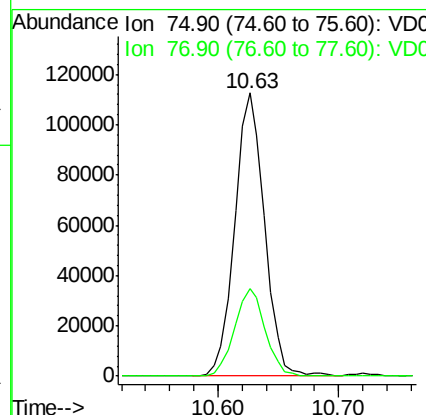
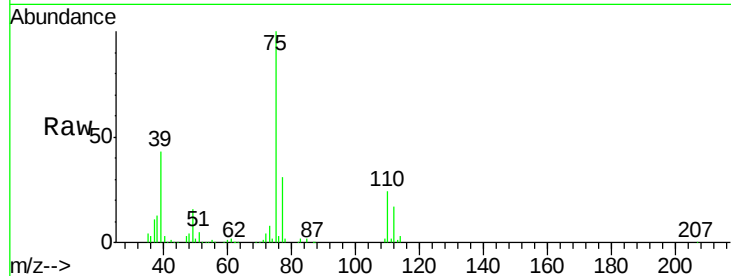
#53
t-1,3-Dichloropropene
Concen: 55.354 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	26.5	39.7

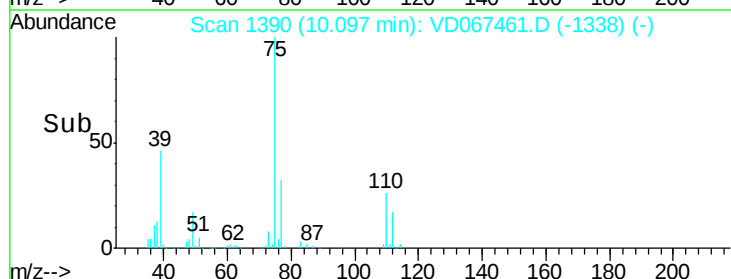
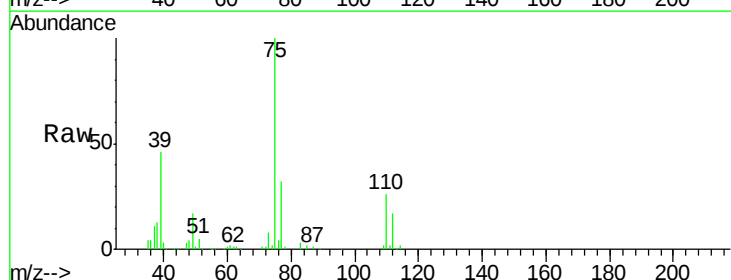
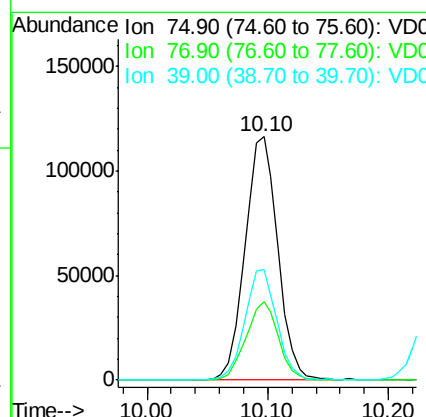
Manual Integrations
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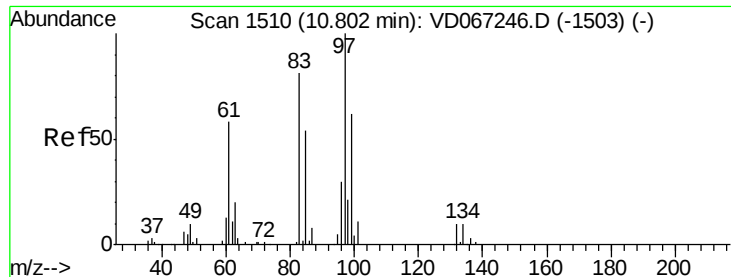
MMDadoda
11/2/2020 4:09:27 PM



#54
cis-1,3-Dichloropropene
Concen: 54.159 ug/l
RT: 10.10 min Scan# 1390
Delta R.T. 0.01 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.5	24.5	36.7
39	45.5	33.7	50.5





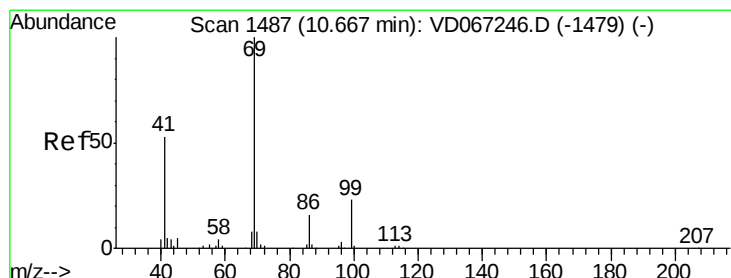
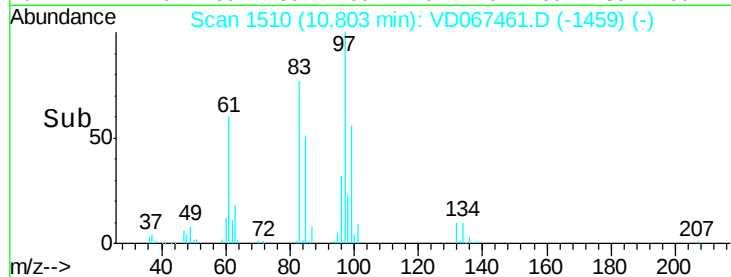
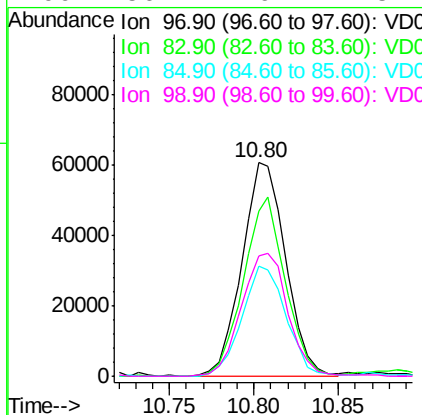
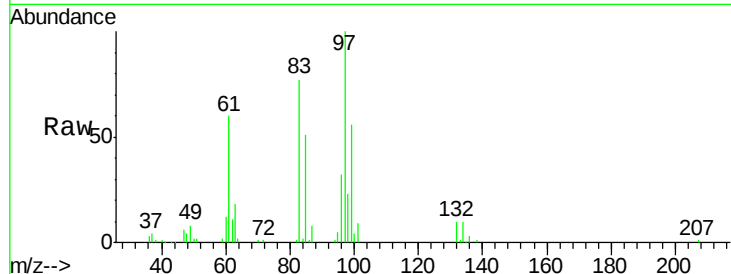
#55
 1,1,2-Trichloroethane
 Concen: 54.086 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067461.D
 Acq: 30 Oct 2020 09:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	109009
Ion	Ratio	Lower	Upper
97	100		
83	77.1	64.9	97.3
85	51.3	43.3	64.9
99	56.2	49.1	73.7

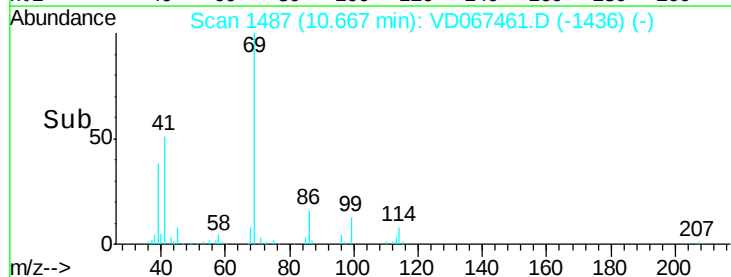
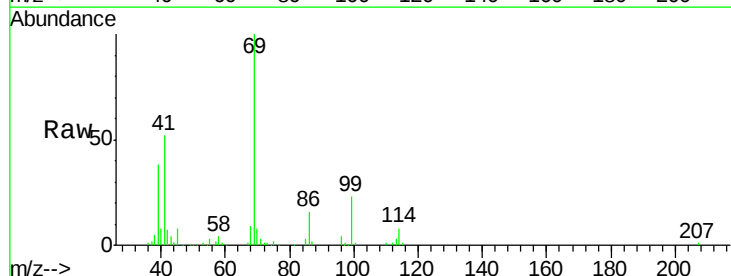
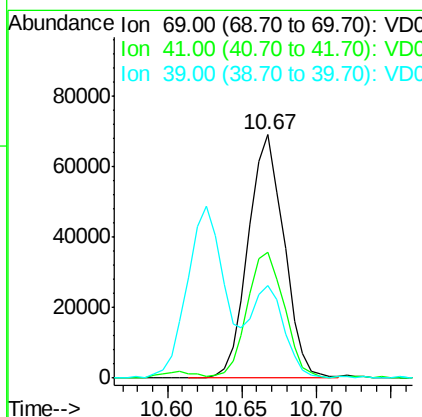
Manual Integrations
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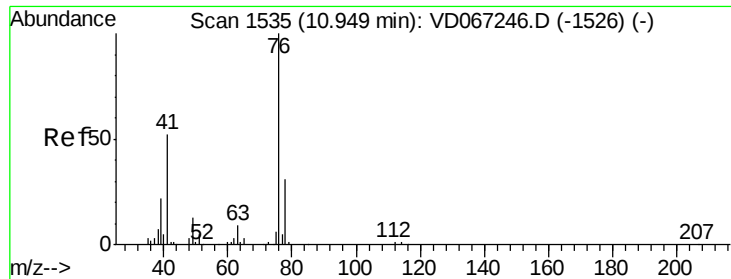
MMDadoda
 11/2/2020 4:09:27 PM



#56
 Ethyl methacrylate
 Concen: 54.996 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD067461.D
 Acq: 30 Oct 2020 09:43

Tgt Ion:	69	Resp:	114956
Ion	Ratio	Lower	Upper
69	100		
41	53.0	44.7	67.1
39	33.9	26.2	39.2





#57

1,3-Dichloropropane

Concen: 54.010 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067461.D

Acq: 30 Oct 2020 09:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 173236

Ion Ratio Lower Upper

76 100

78 33.1

26.8

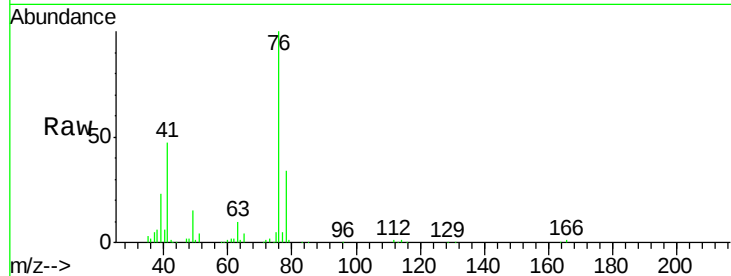
40.2

Manual Integrations

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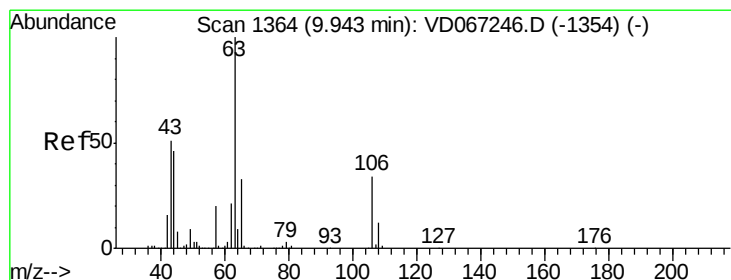
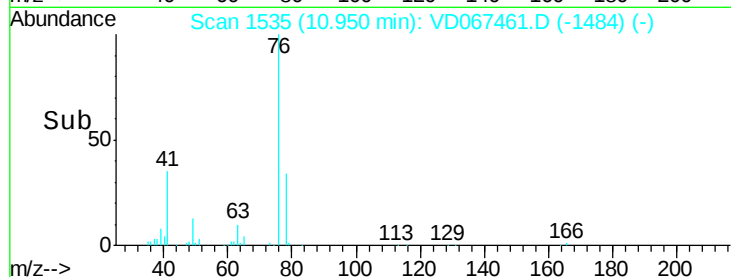
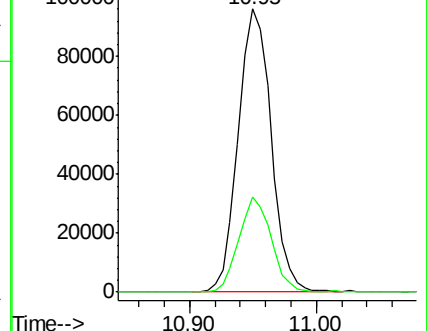
MMDadoda

11/2/2020 4:09:27 PM



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 256.087 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. 0.01 min

Lab File: VD067461.D

Acq: 30 Oct 2020 09:43

Tgt Ion: 63 Resp: 274604

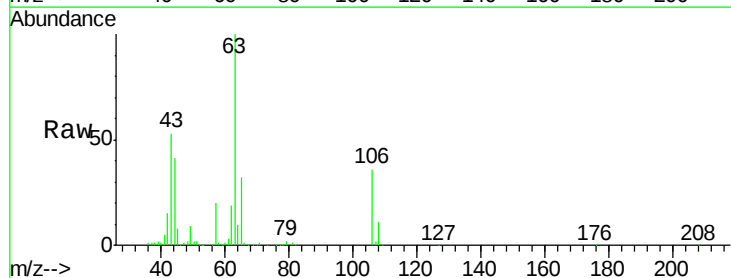
Ion Ratio Lower Upper

63 100

106 35.6

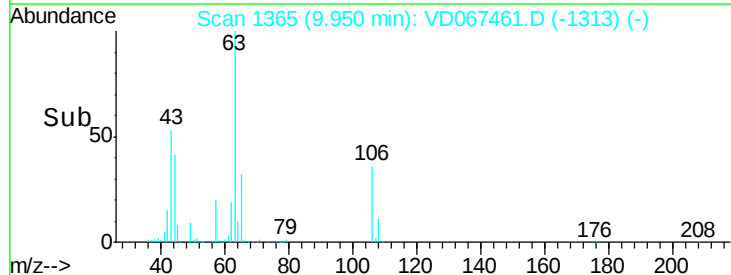
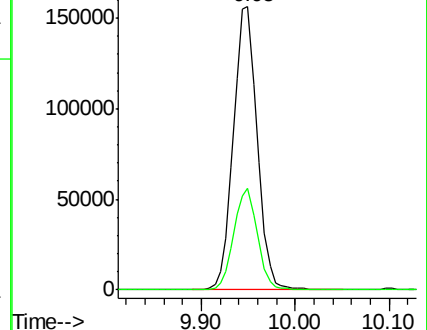
27.8

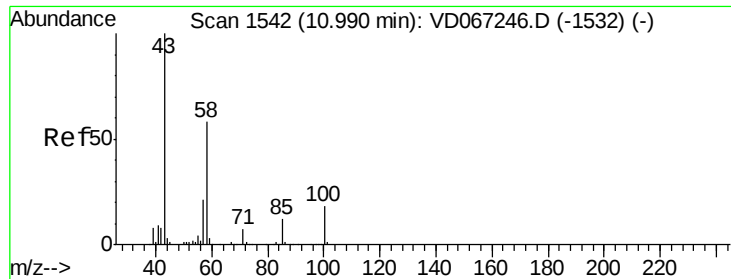
41.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V





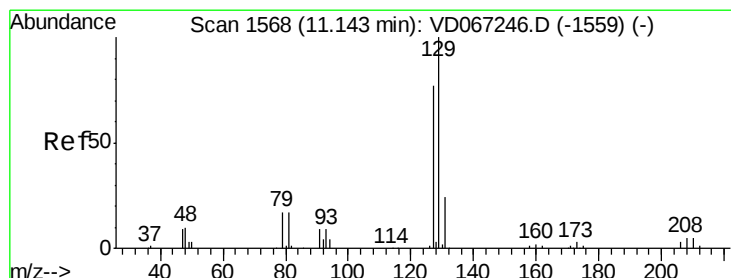
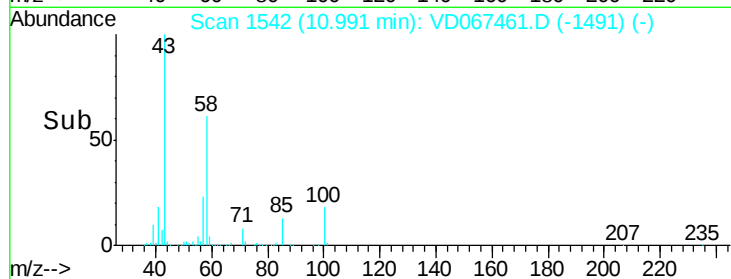
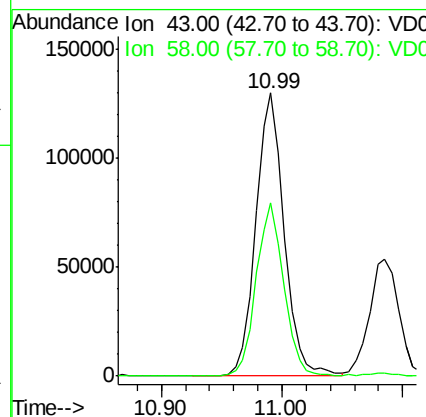
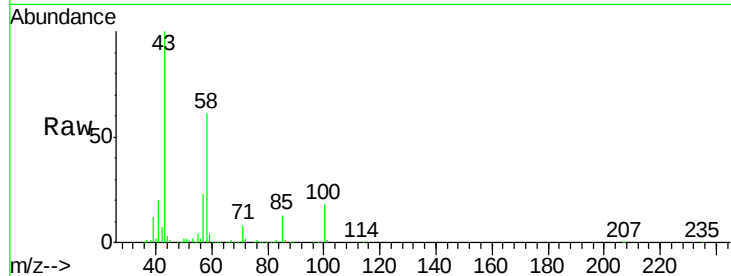
#59
2-Hexanone
Concen: 285.302 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	60.1	29.3	87.9

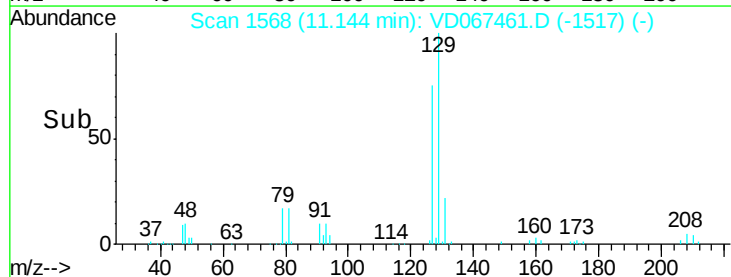
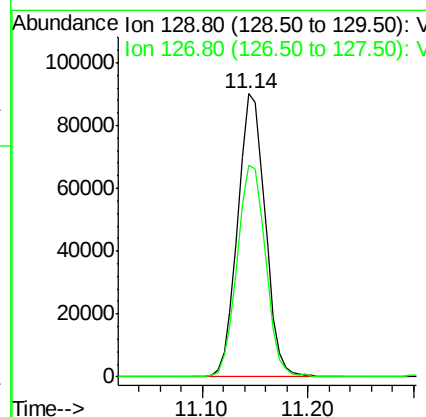
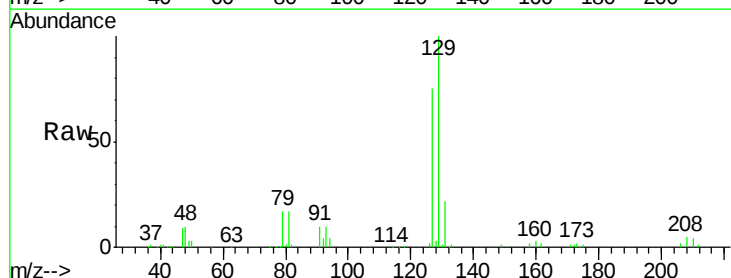
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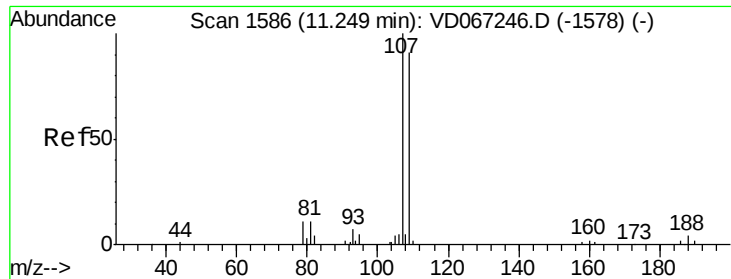
MMDadoda
11/2/2020 4:09:27 PM



#60
Dibromochloromethane
Concen: 55.328 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.9	38.3	114.8





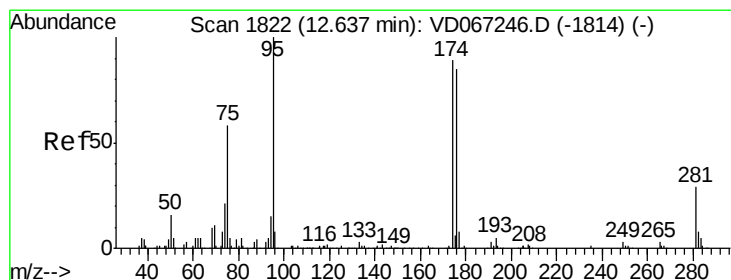
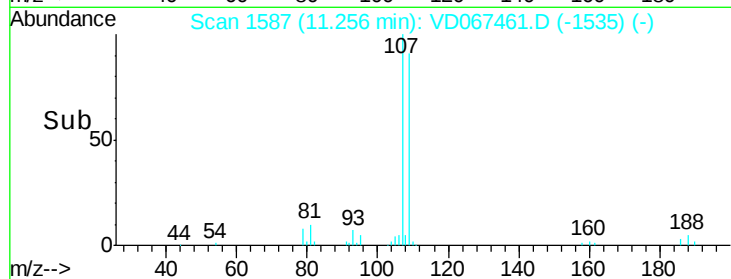
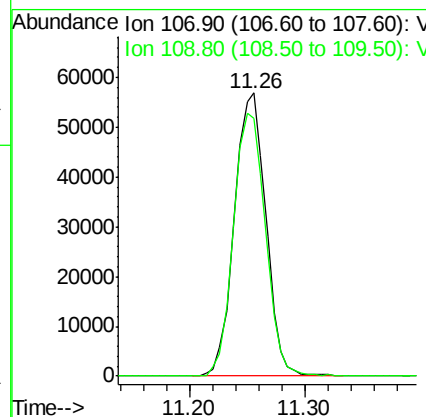
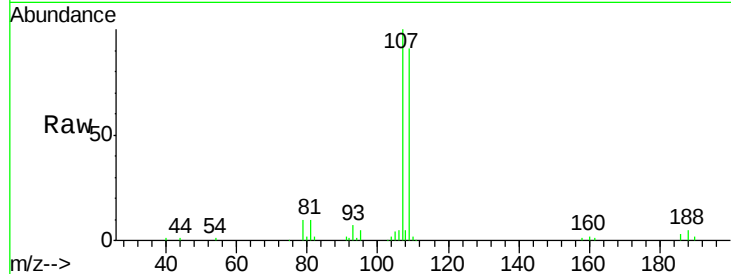
#61
 1,2-Dibromoethane
 Concen: 54.115 ug/l
 RT: 11.26 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: VD067461.D
 Acq: 30 Oct 2020 09:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	107525		
109	94.4	74.6	112.0	

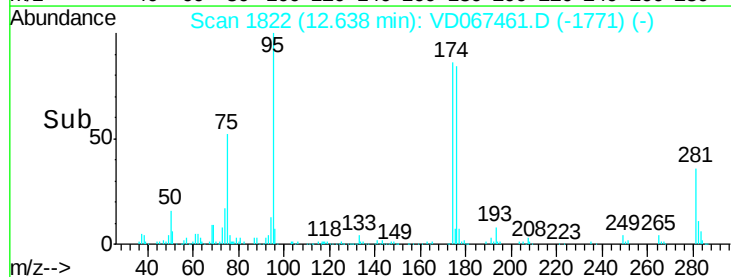
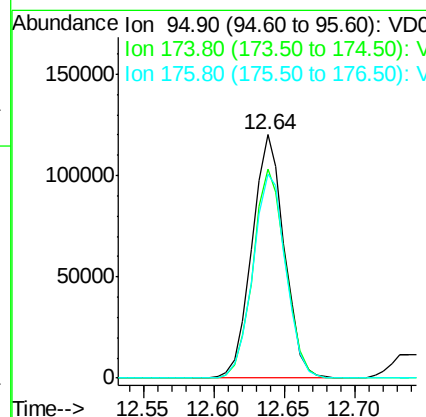
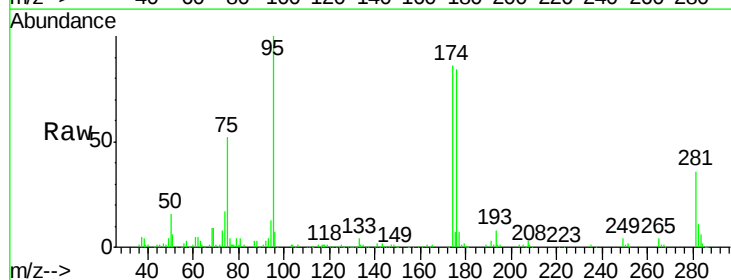
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#62
 4-Bromofluorobenzene
 Concen: 52.429 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067461.D
 Acq: 30 Oct 2020 09:43

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	193282		
174	86.6	0.0	175.2	
176	84.9	0.0	168.6	





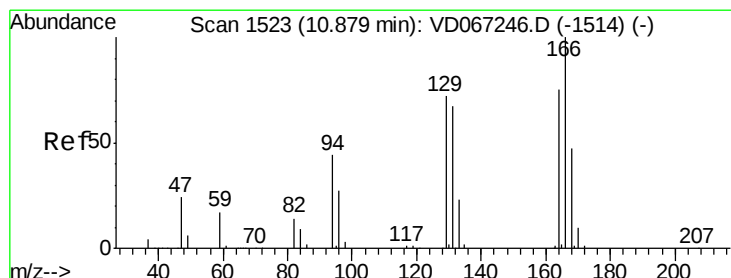
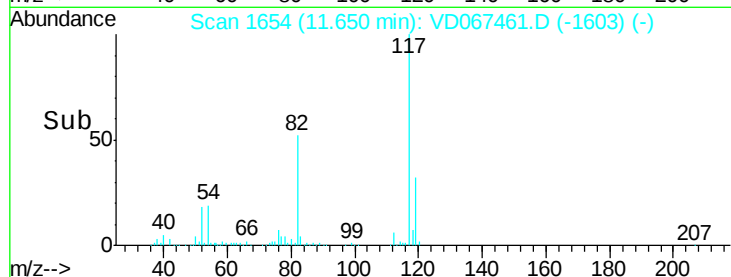
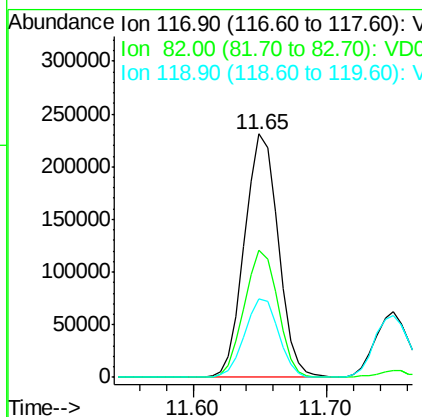
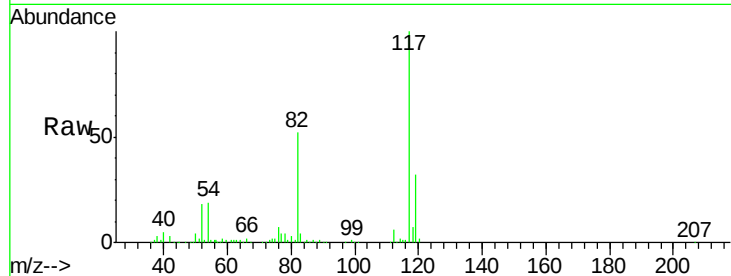
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	403805		
82	52.1		39.9	59.9
119	32.1		24.9	37.3

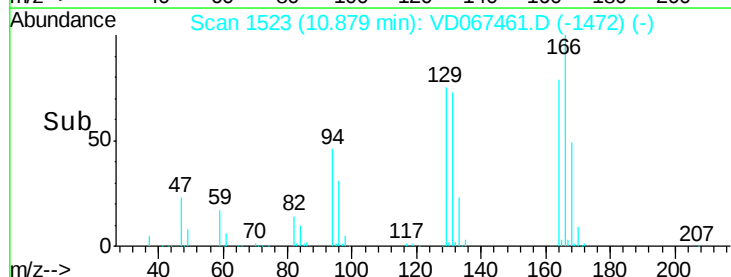
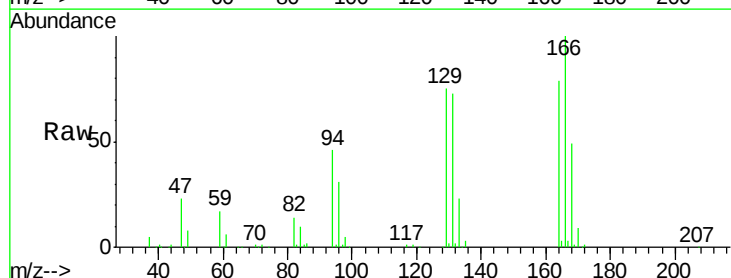
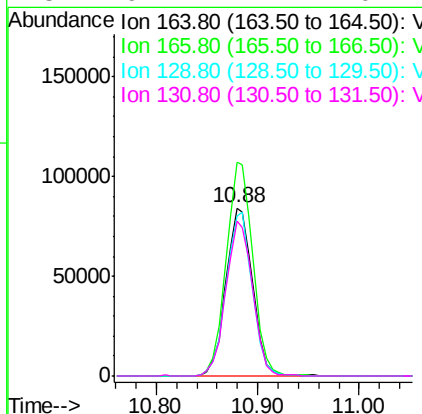
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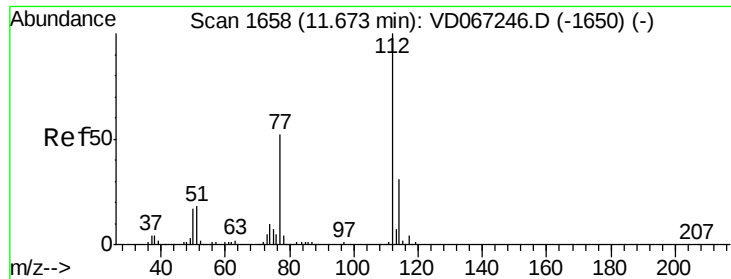
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#64
Tetrachloroethene
Concen: 52.308 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	153038		
166	126.9		107.3	160.9
129	95.0		77.3	115.9
131	92.1		71.4	107.2





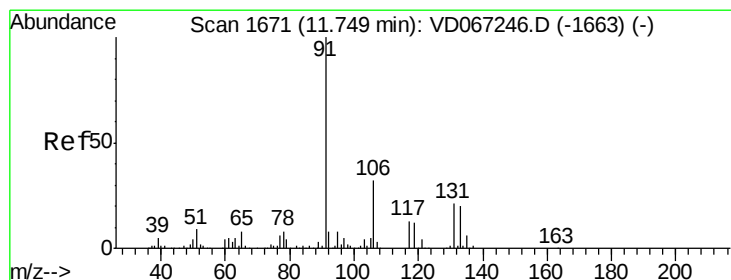
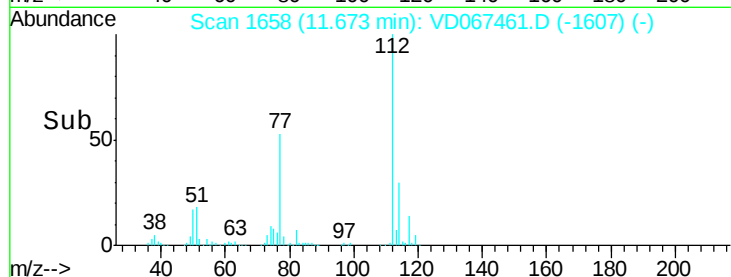
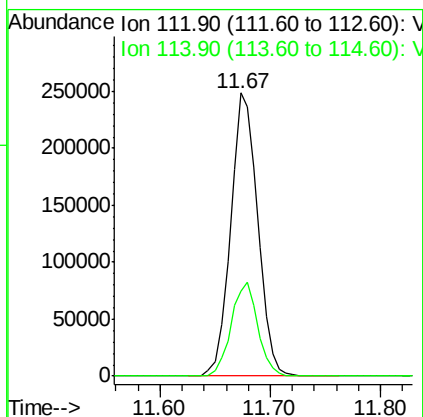
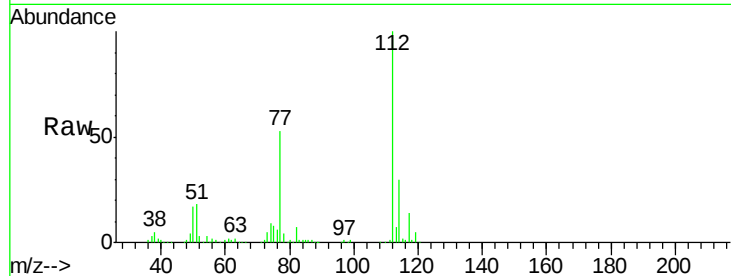
#65
Chlorobenzene
Concen: 55.236 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.0	25.0	37.4

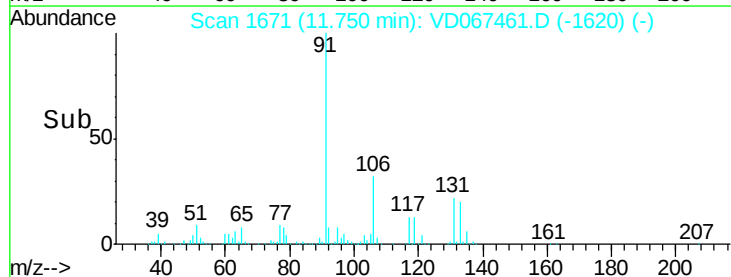
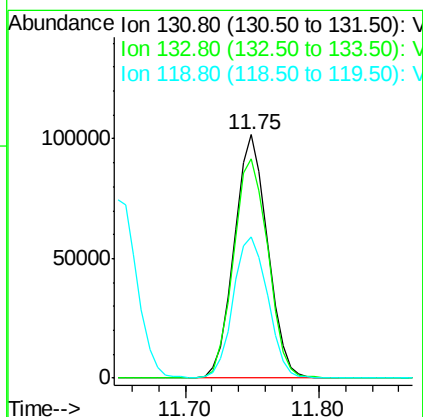
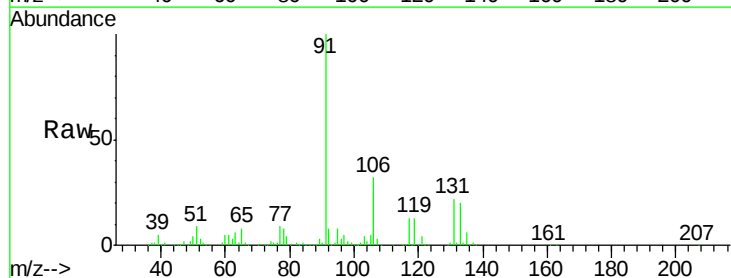
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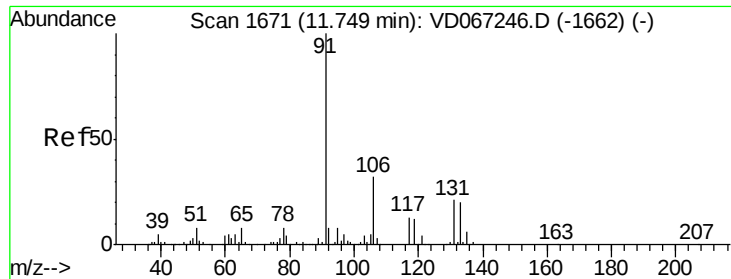
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#66
1,1,1,2-Tetrachloroethane
Concen: 57.395 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Tgt Ion	Ratio	Lower	Upper
131	100		
133	92.7	48.1	144.3
119	60.2	30.0	90.0





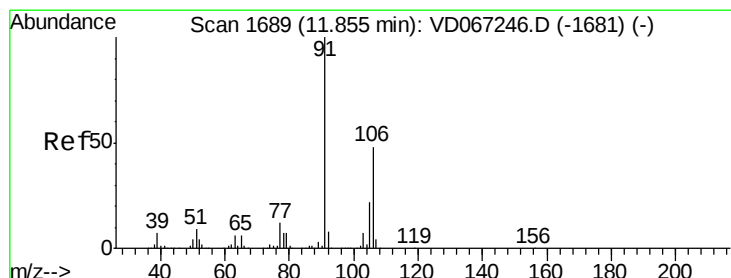
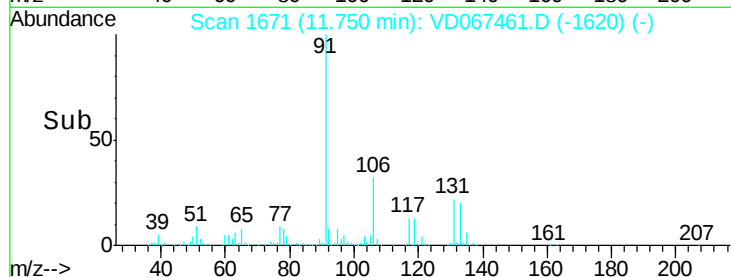
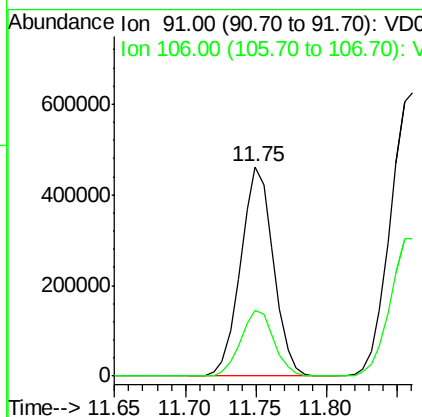
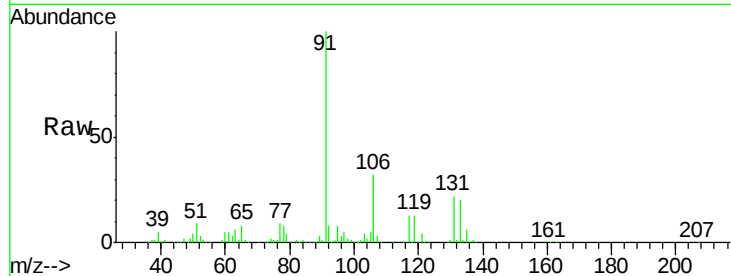
#67
Ethyl Benzene
Concen: 56.499 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 749949
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.0

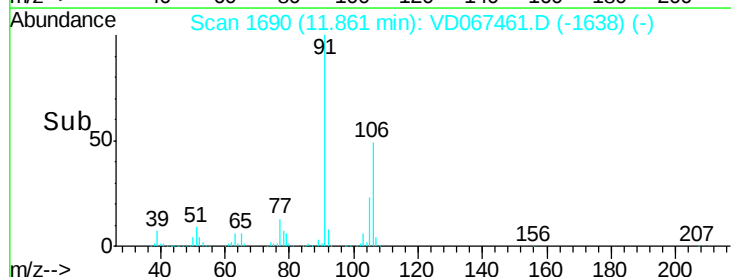
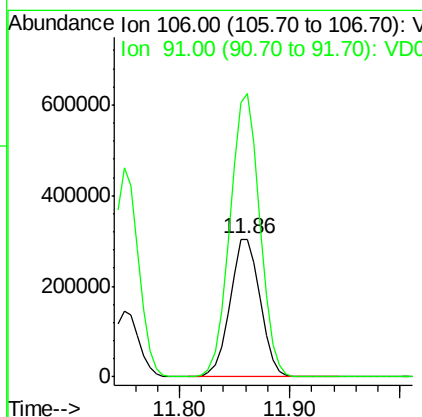
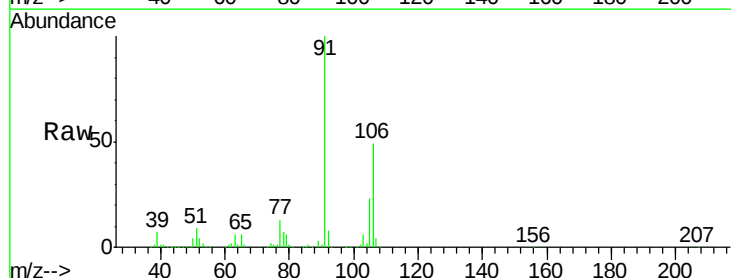
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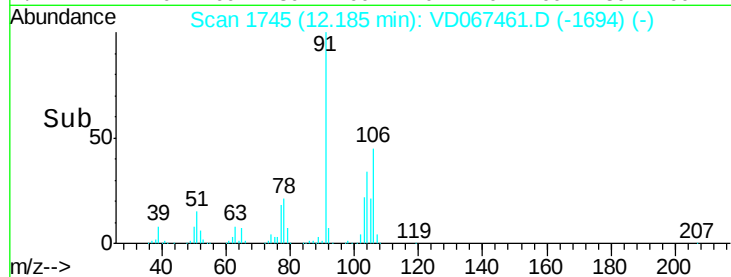
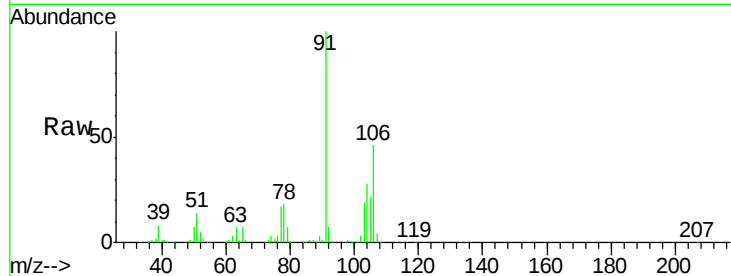
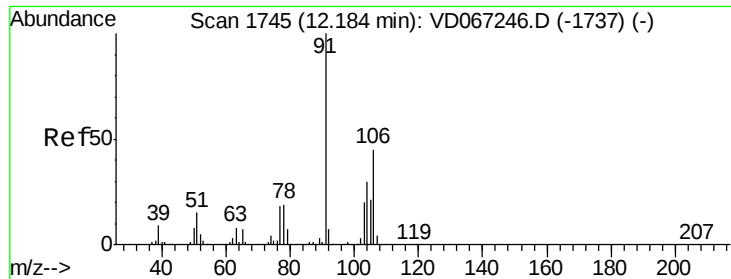
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#68
m/p-Xylenes
Concen: 114.132 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Tgt Ion: 106 Resp: 583384
Ion Ratio Lower Upper
106 100
91 203.2 163.8 245.8





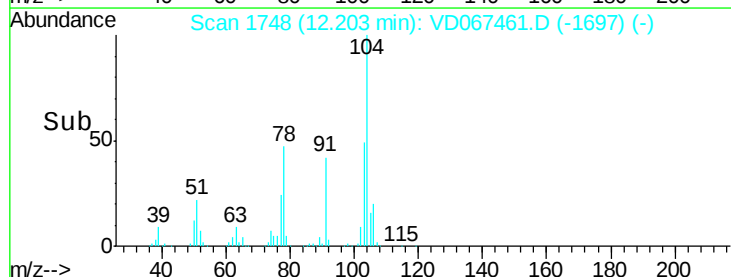
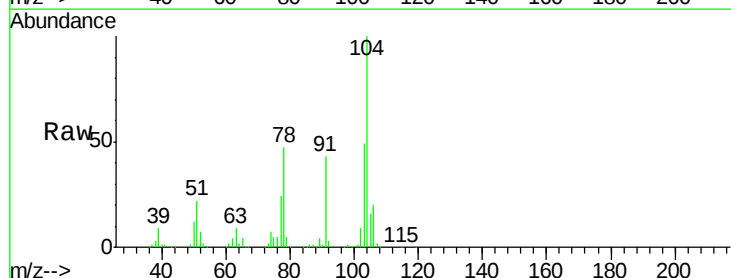
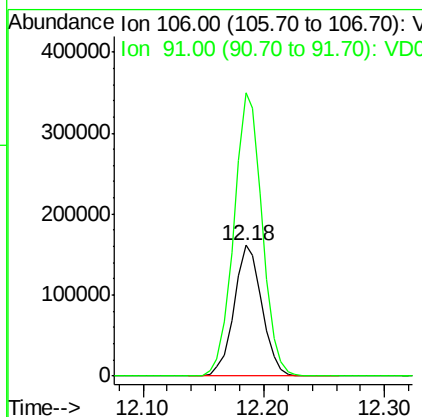
#69
o-Xylene
Concen: 55.057 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Tot Ion:106 Resp: 260600
Ion Ratio Lower Upper
106 100
91 218.3 109.1 327.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

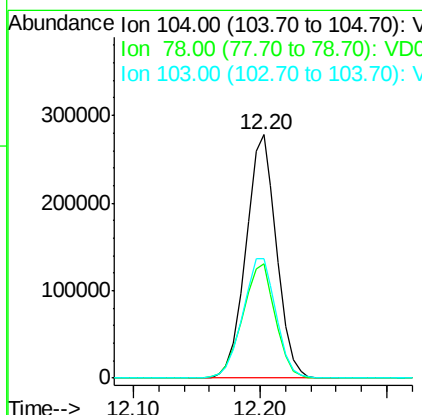
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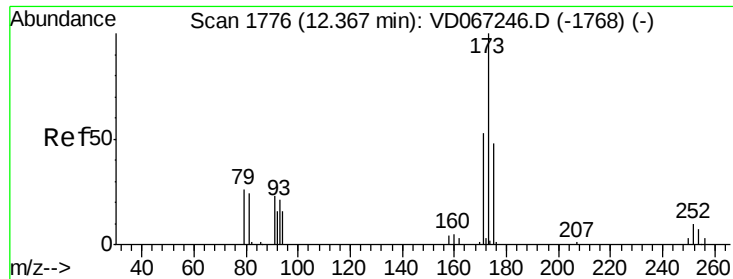
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#70
Styrene
Concen: 57.078 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Tgt Ion:104 Resp: 465071
Ion Ratio Lower Upper
104 100
78 50.5 39.8 59.6
103 53.5 42.6 64.0





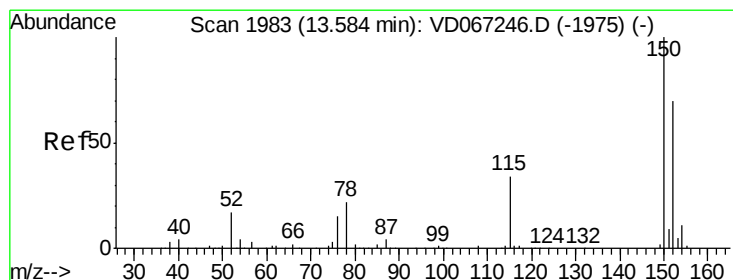
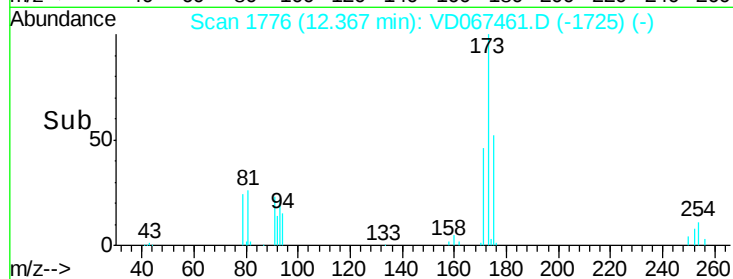
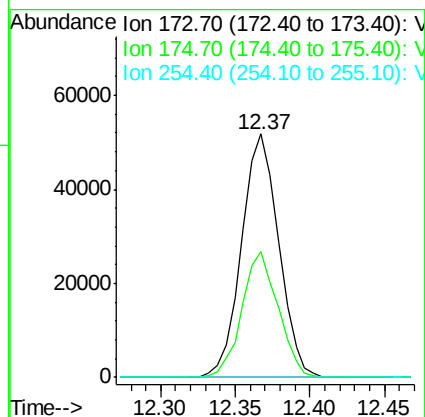
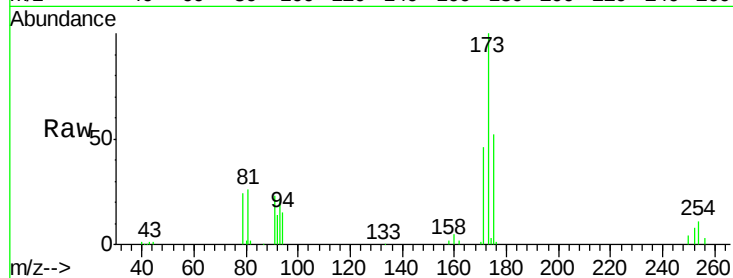
#71
Bromoform
Concen: 53.971 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.00 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.3	24.2	72.6
254	0.0	0.1	0.1#

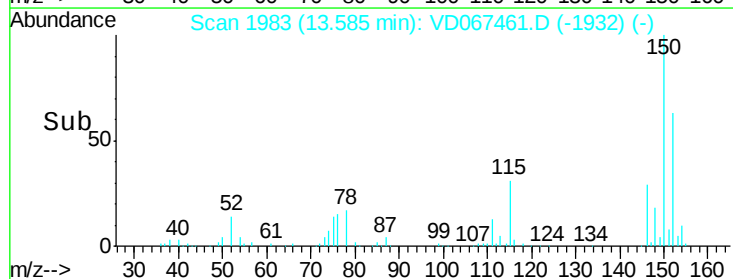
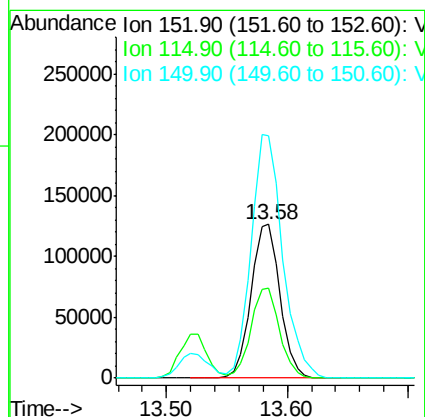
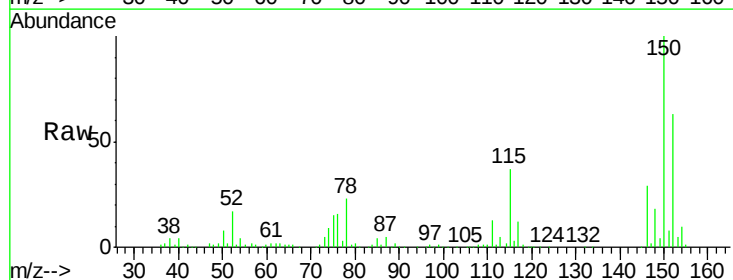
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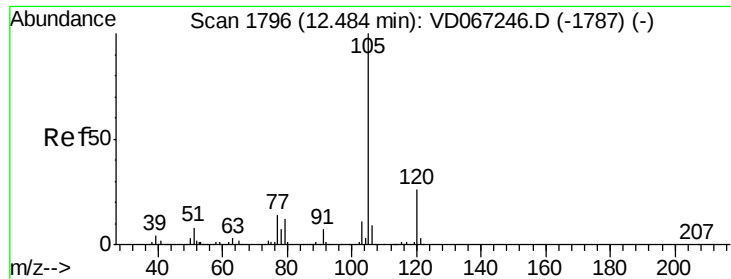
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	29.3	87.9
150	172.5	0.0	339.0





#73

Isopropylbenzene

Concen: 57.031 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067461.D

Acq: 30 Oct 2020 09:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 763639

Ion Ratio Lower Upper

105 100

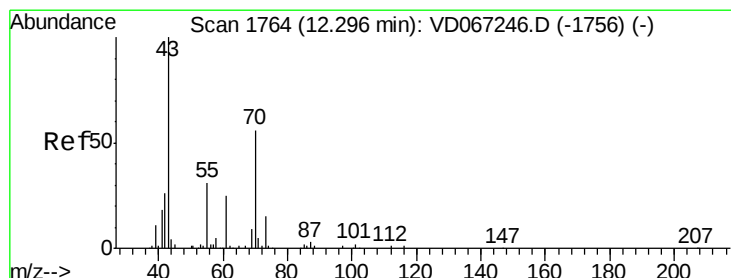
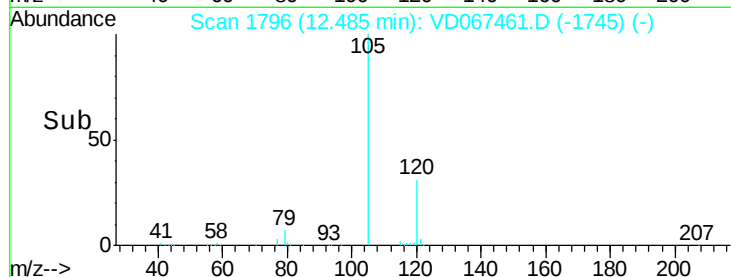
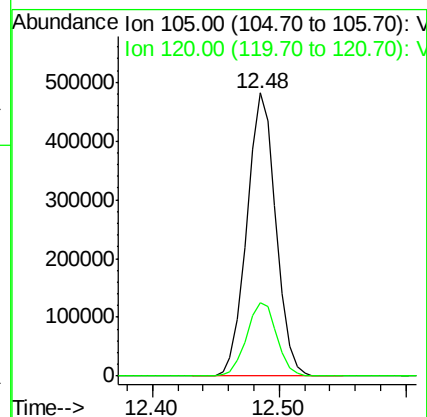
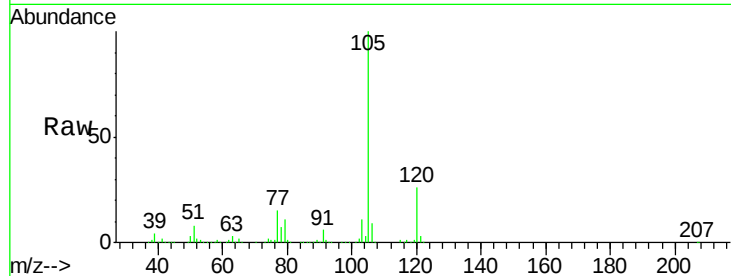
120 27.0 13.3 39.8

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#74

N-ethyl acetate

Concen: 49.461 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD067461.D

Acq: 30 Oct 2020 09:43

Tgt Ion: 43 Resp: 100026

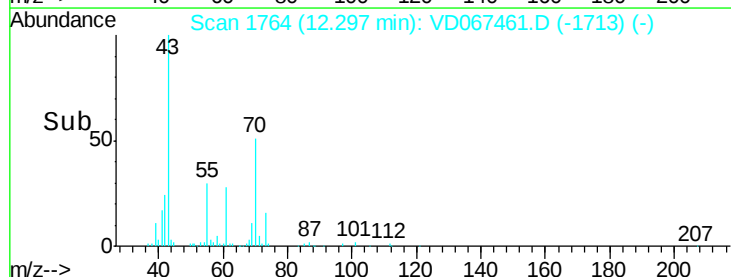
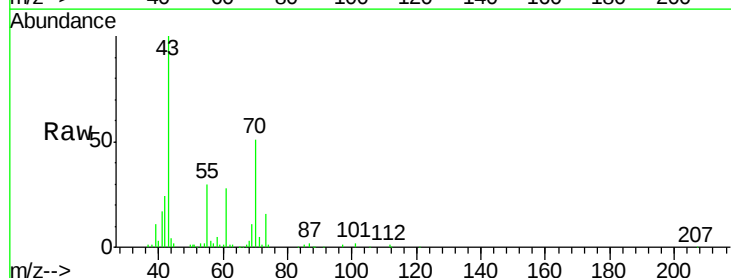
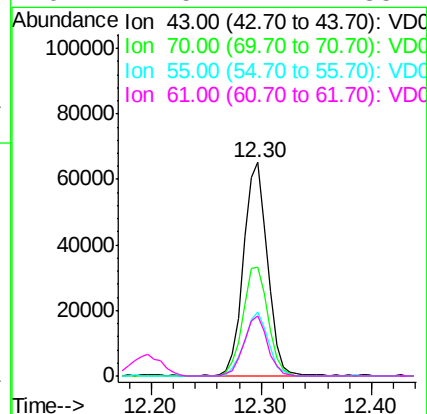
Ion Ratio Lower Upper

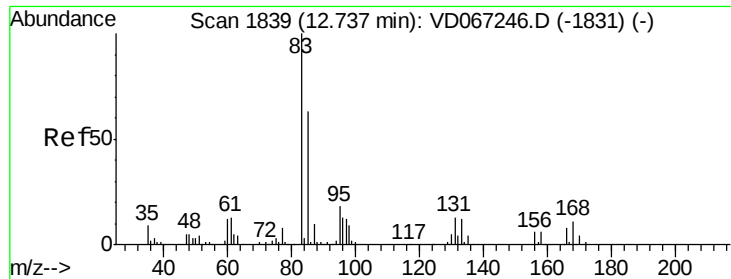
43 100

70 53.3 42.7 64.1

55 29.9 24.0 36.0

61 27.5 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 50.062 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067461.D

Acq: 30 Oct 2020 09:43

Instrument :

MSVOA_D

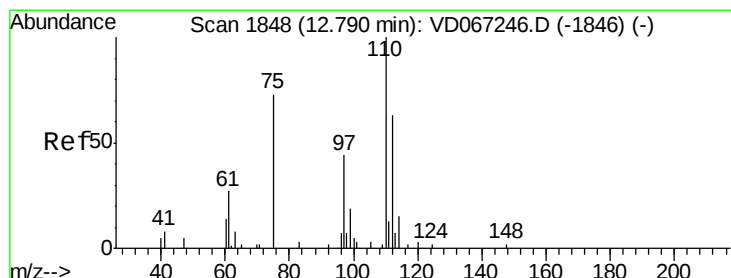
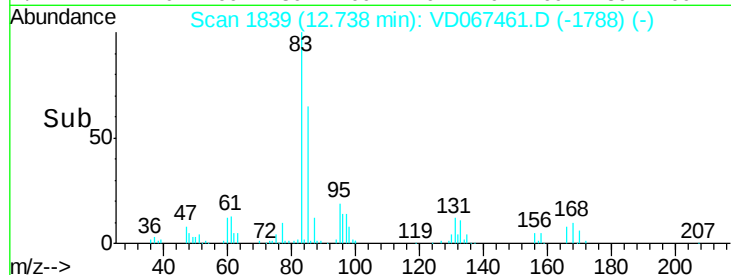
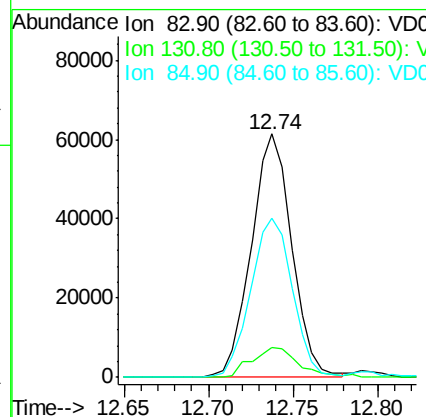
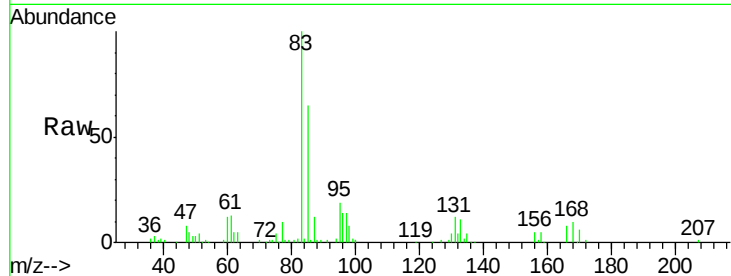
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	102710
Ion Ratio	Lower	Upper	
83	100		
131	14.3	6.5	19.5
85	67.2	32.6	97.7

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#76

1,2,3-Trichloropropane

Concen: 56.623 ug/l m

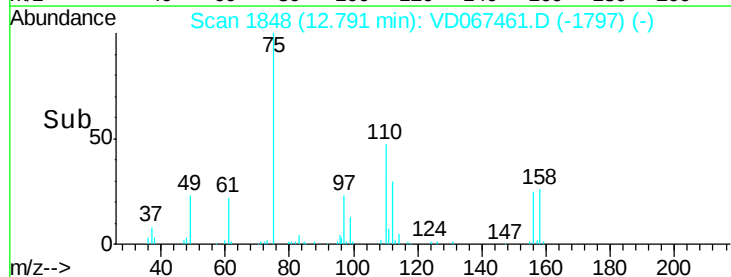
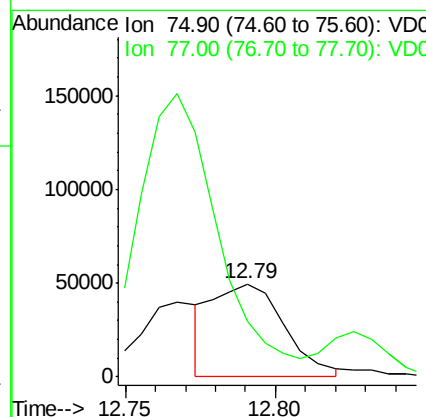
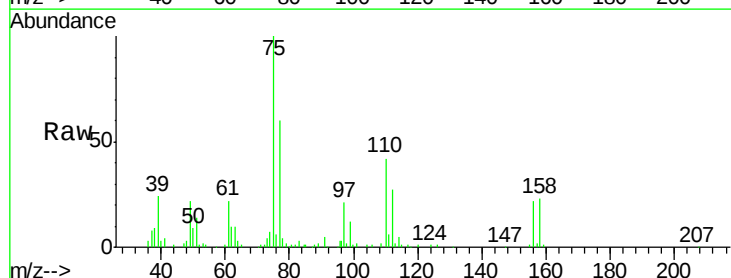
RT: 12.79 min Scan# 1848

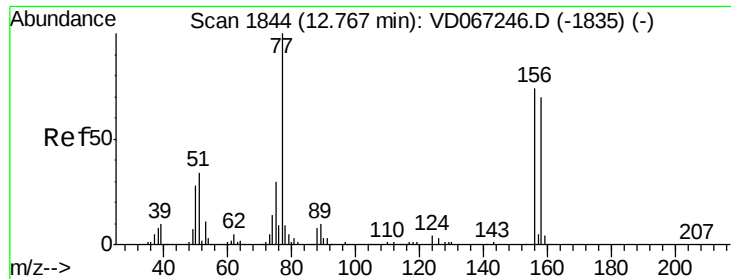
Delta R.T. 0.00 min

Lab File: VD067461.D

Acq: 30 Oct 2020 09:43

Tgt Ion:	75	Resp:	82798
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 54.378 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067461.D

Acq: 30 Oct 2020 09:43

Instrument :

MSVOA_D

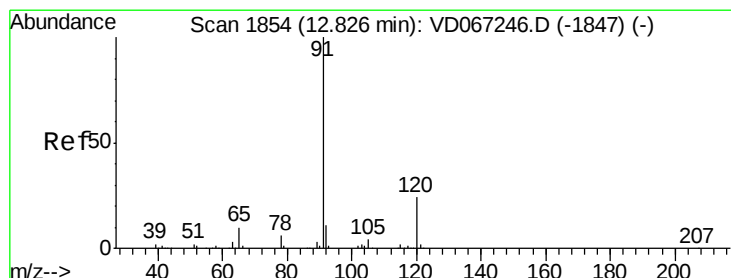
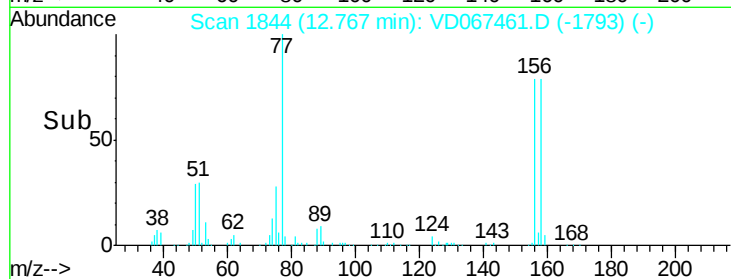
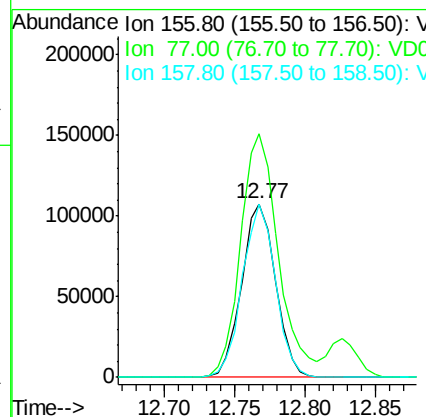
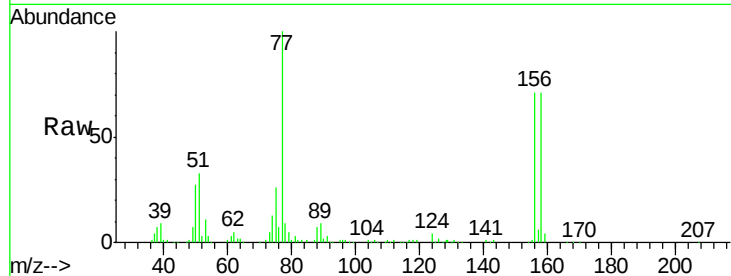
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	156.2	78.0	233.8
158	97.5	49.1	147.3

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#78

n-propylbenzene

Concen: 55.929 ug/l

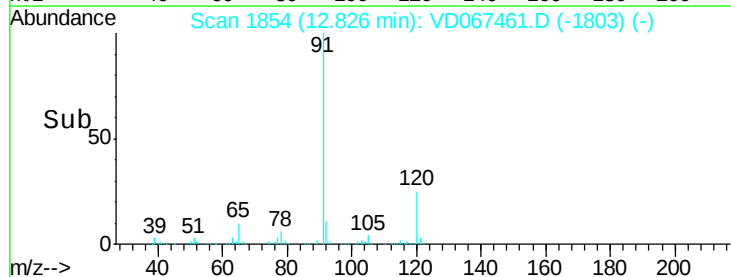
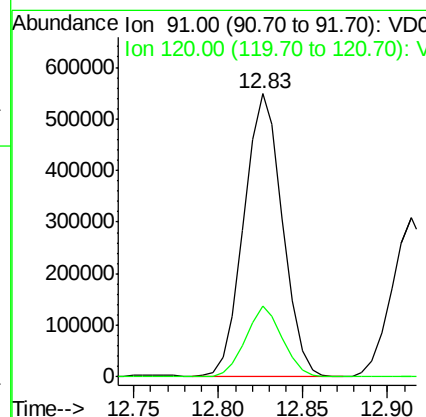
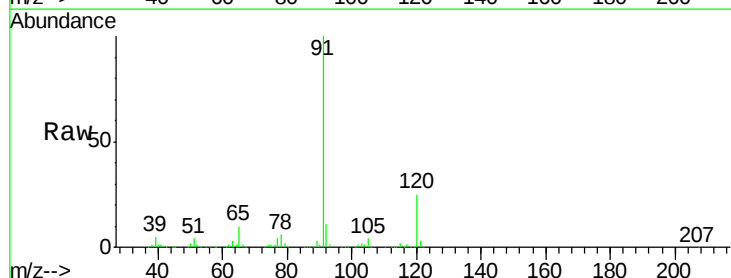
RT: 12.83 min Scan# 1854

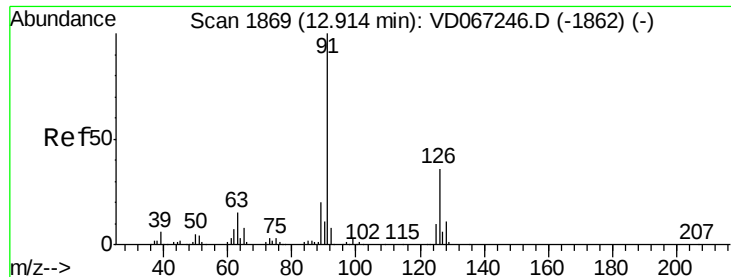
Delta R.T. 0.00 min

Lab File: VD067461.D

Acq: 30 Oct 2020 09:43

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.0	11.9	35.9





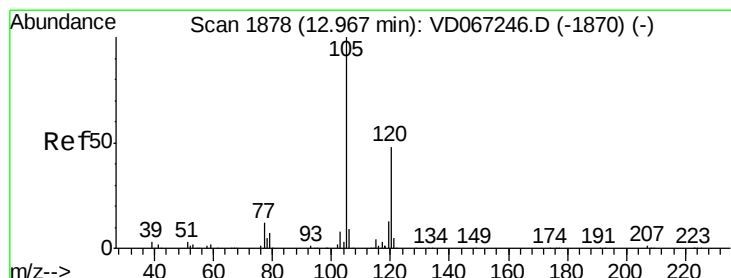
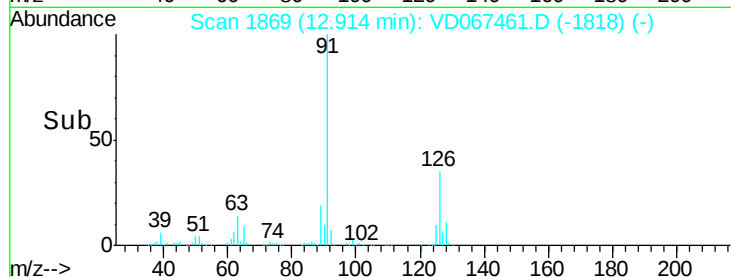
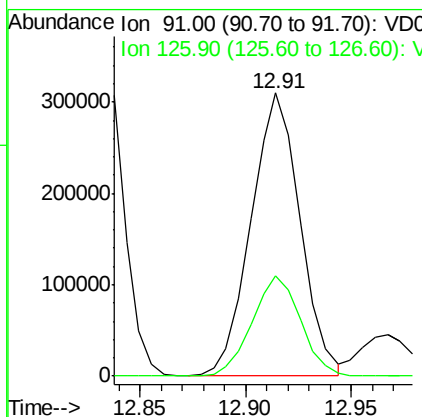
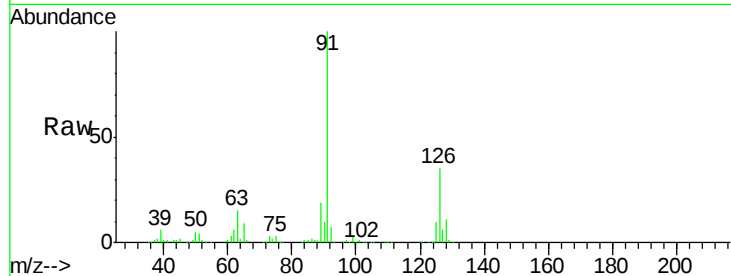
#79
2-Chlorotoluene
Concen: 55.419 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. 0.00 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 498596
Ion Ratio Lower Upper
91 100
126 35.2 17.6 52.8

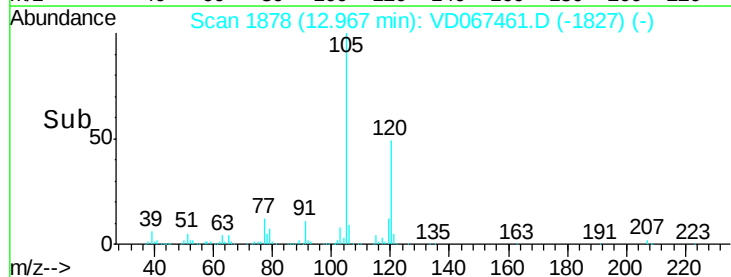
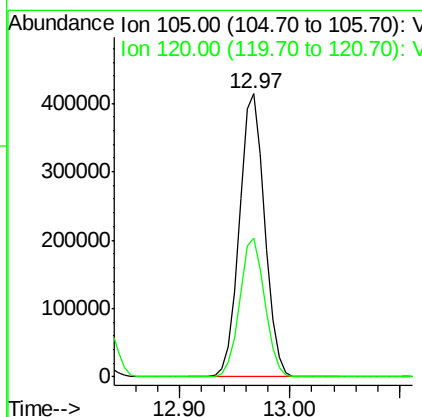
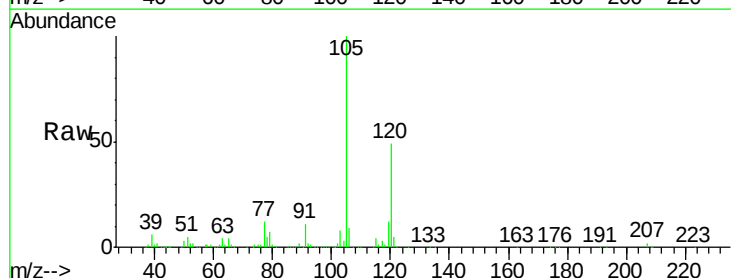
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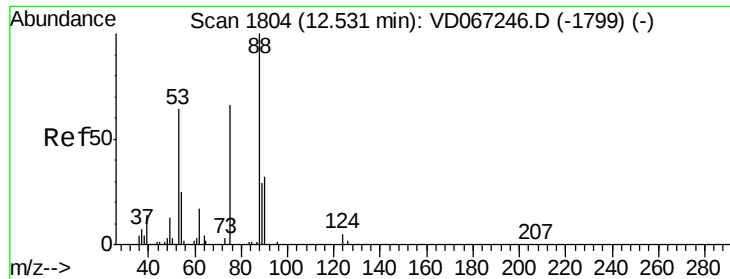
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 57.216 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. 0.00 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Tgt Ion: 105 Resp: 665747
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.8





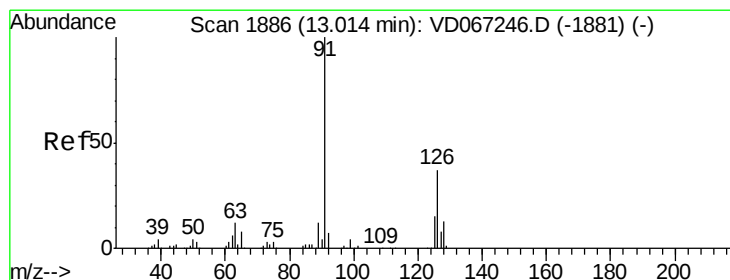
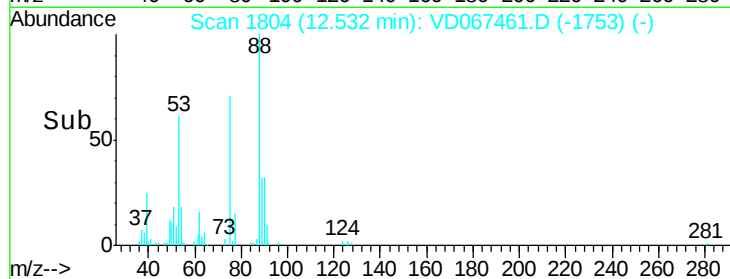
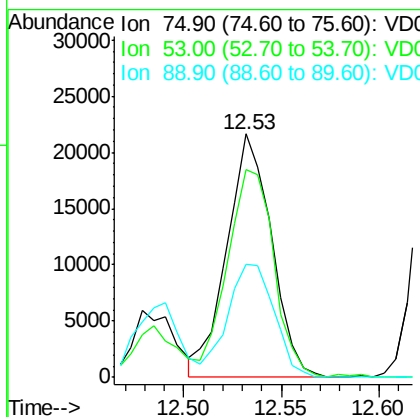
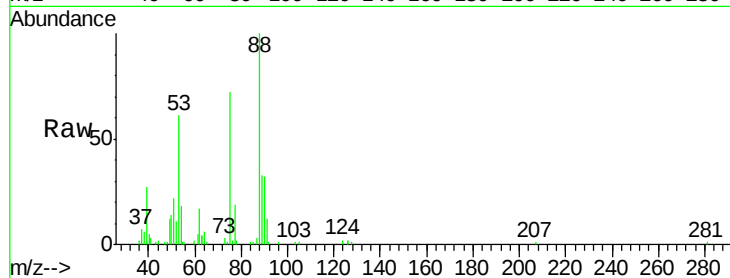
#81
trans-1,4-Dichloro-2-butene
Concen: 53.395 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.8	78.5	117.7
89	48.3	39.9	59.9

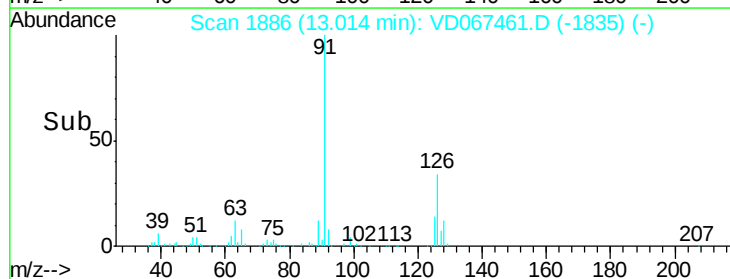
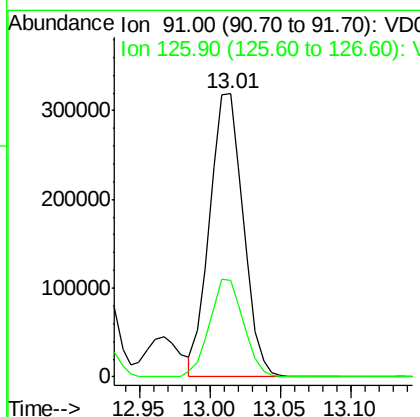
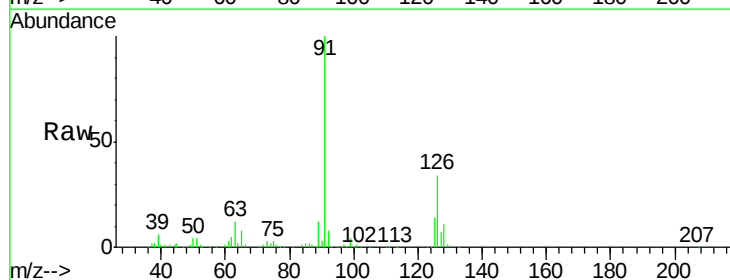
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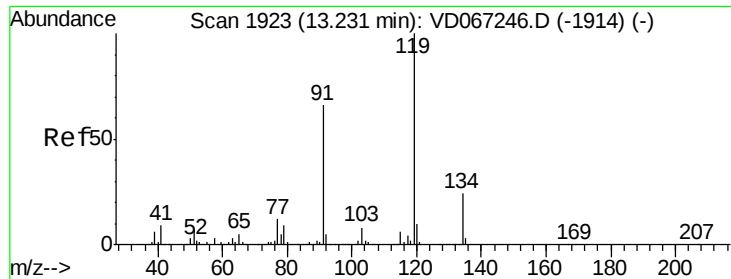
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#82
4-Chlorotoluene
Concen: 55.129 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.8	53.5





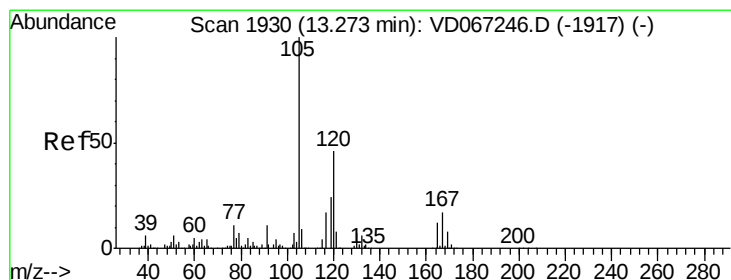
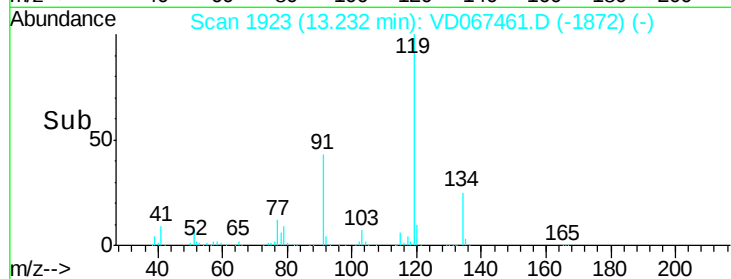
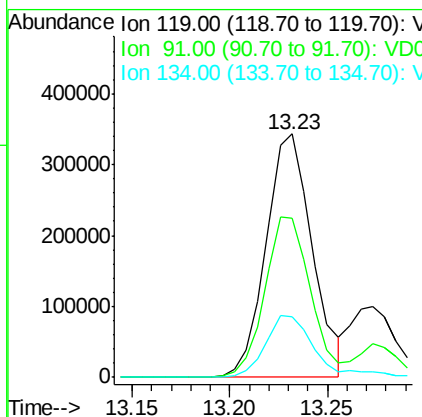
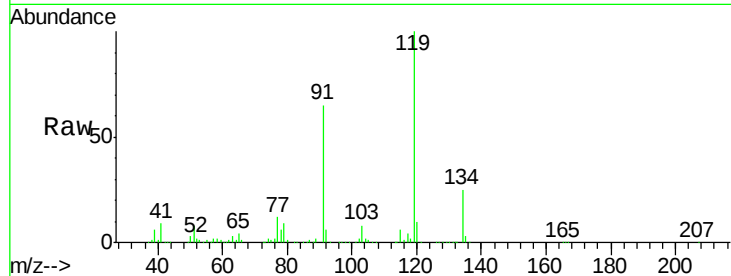
#83
tert-Butylbenzene
Concen: 57.379 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.6	33.1	99.2
134	27.2	13.3	39.9

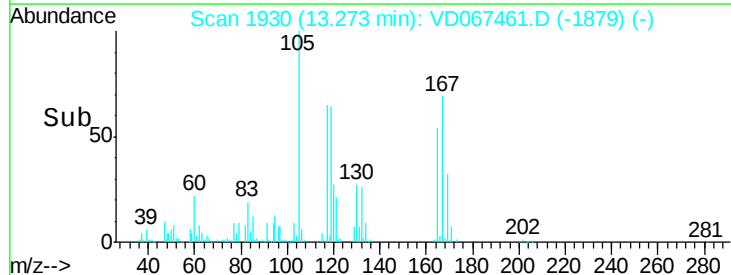
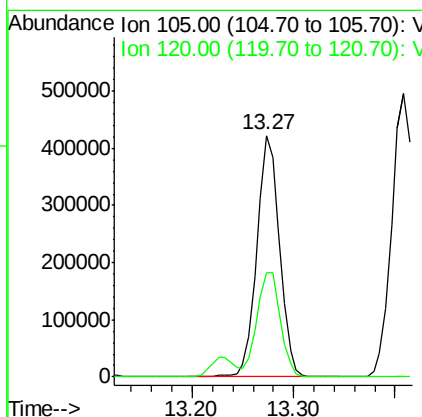
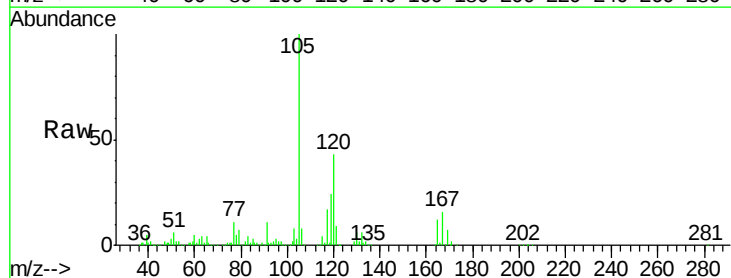
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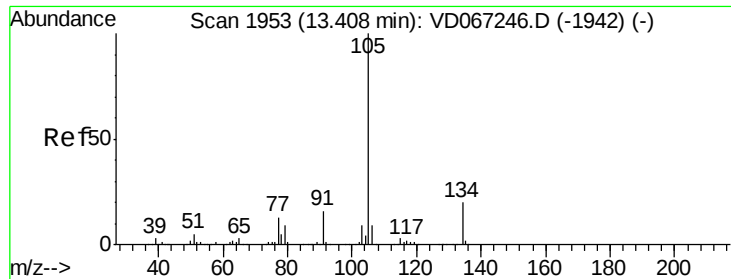
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#84
1,2,4-Trimethylbenzene
Concen: 56.935 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.4	67.3





#85

sec-Butylbenzene

Concen: 56.817 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067461.D

Acq: 30 Oct 2020 09:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 766267

Ion Ratio Lower Upper

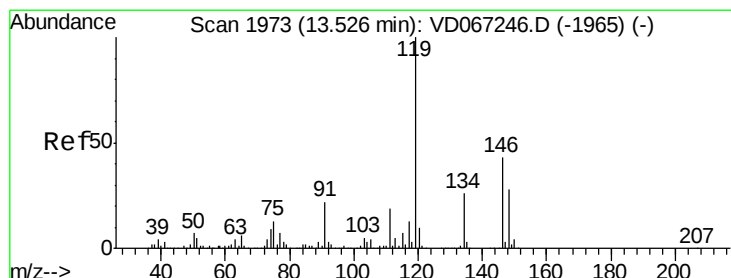
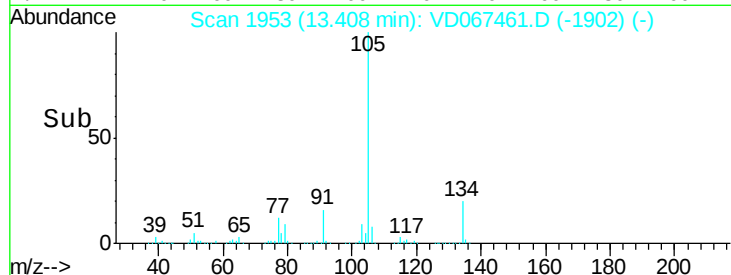
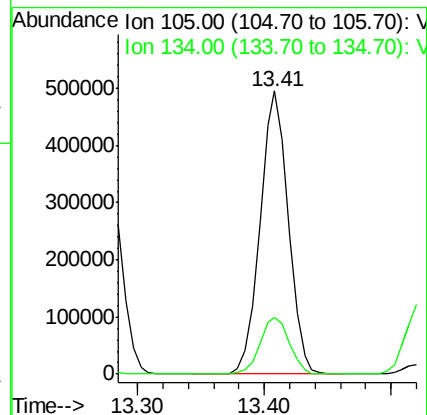
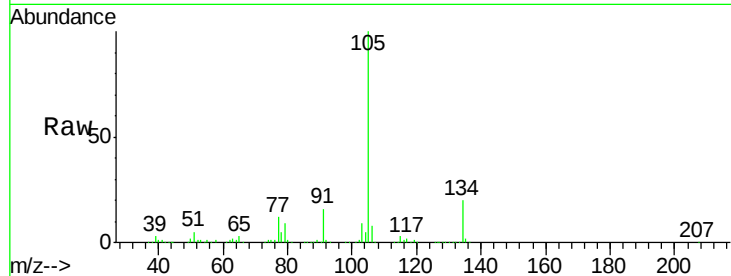
105 100

134 20.9 10.5 31.5

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 56.827 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VD067461.D

Acq: 30 Oct 2020 09:43

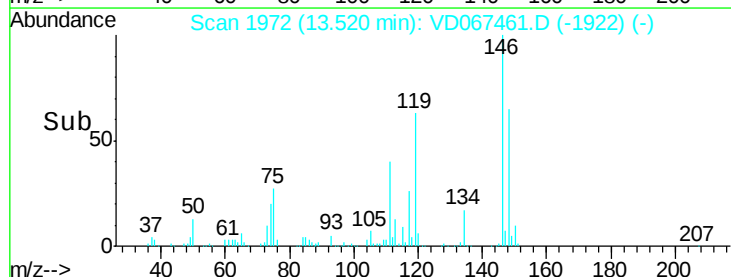
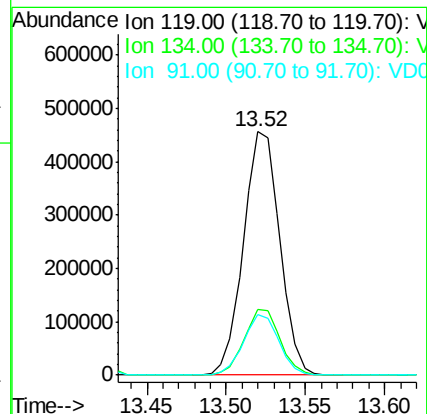
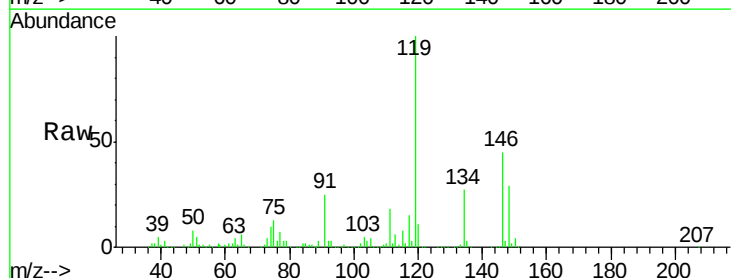
Tgt Ion:119 Resp: 723396

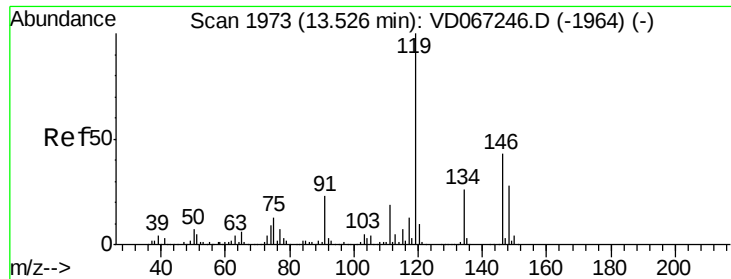
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

91 24.3 11.9 35.9





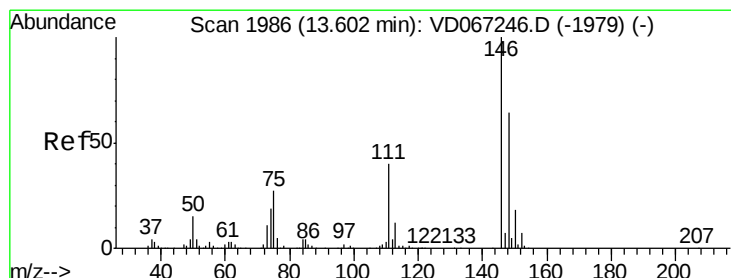
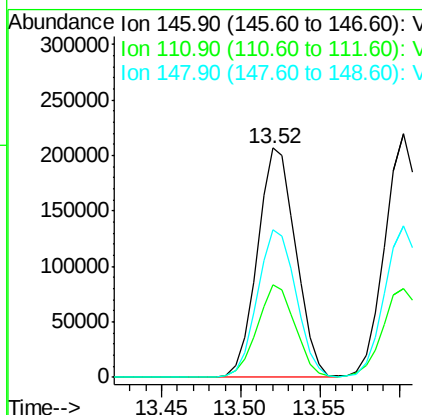
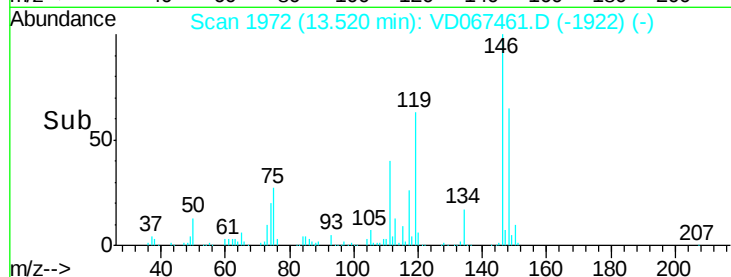
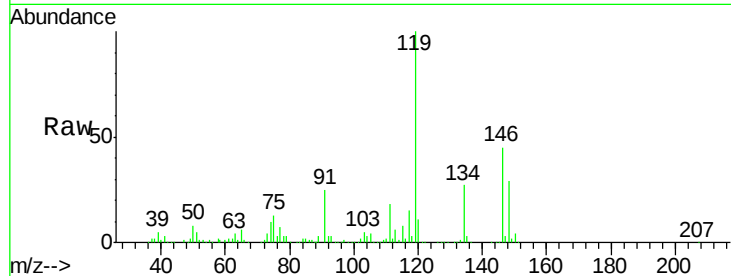
#87
 1,3-Dichlorobenzene
 Concen: 54.169 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD067461.D
 Acq: 30 Oct 2020 09:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	21.1	63.3
148	64.9	31.9	95.9

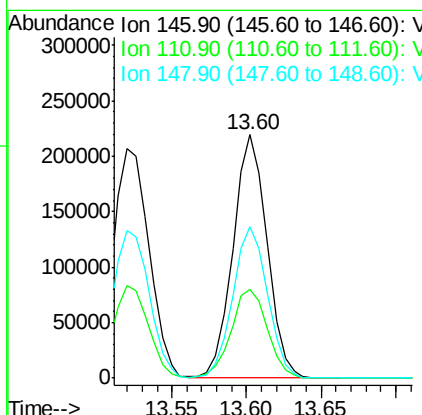
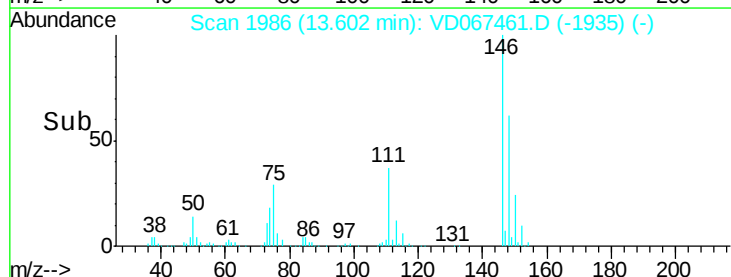
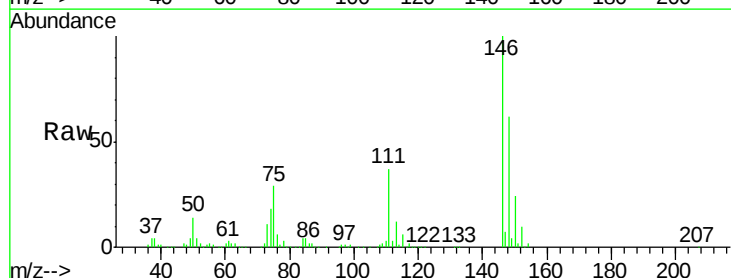
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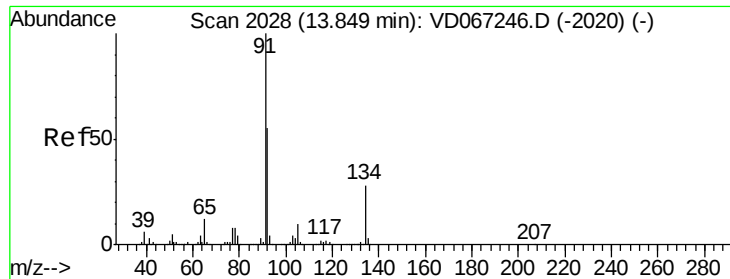
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#88
 1,4-Dichlorobenzene
 Concen: 54.537 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD067461.D
 Acq: 30 Oct 2020 09:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.9	59.7
148	63.7	31.9	95.9





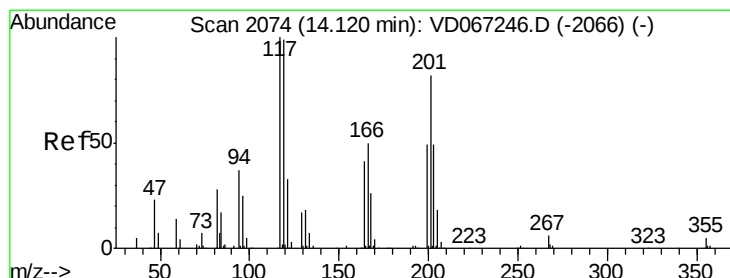
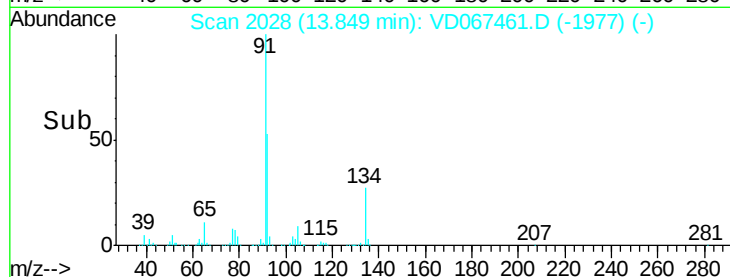
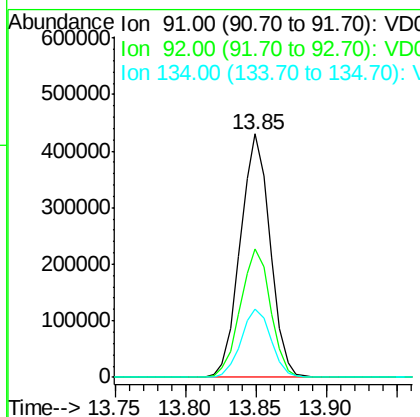
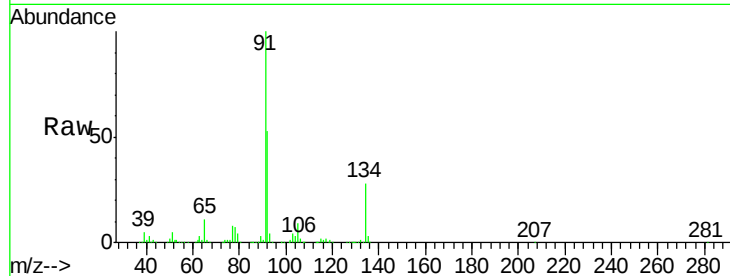
#89
n-Butylbenzene
Concen: 56.835 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.7	80.0
134	28.5	14.2	42.6

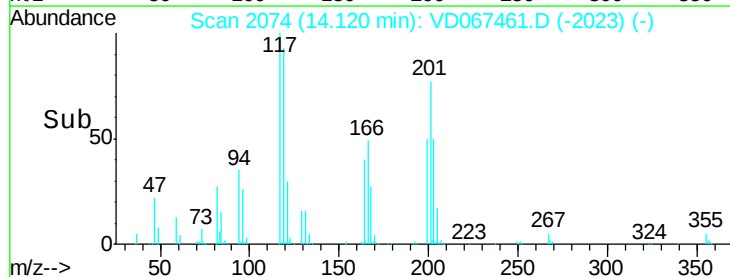
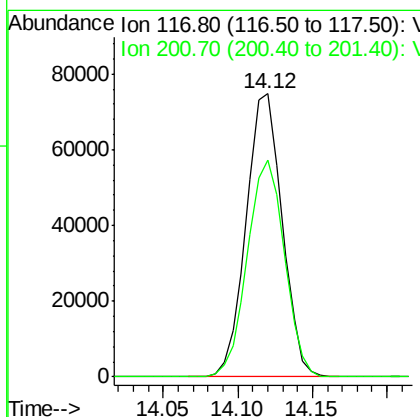
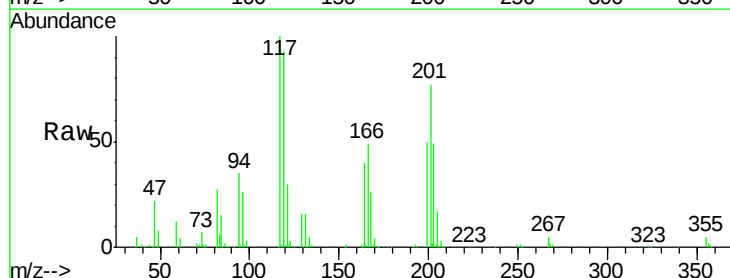
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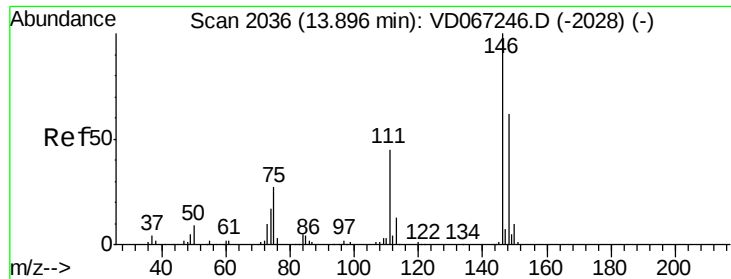
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#90
Hexachloroethane
Concen: 56.185 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.8	40.8	122.2





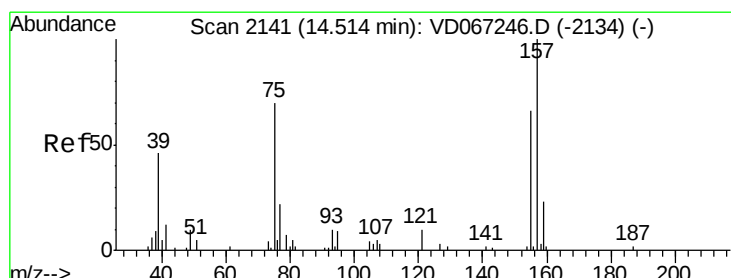
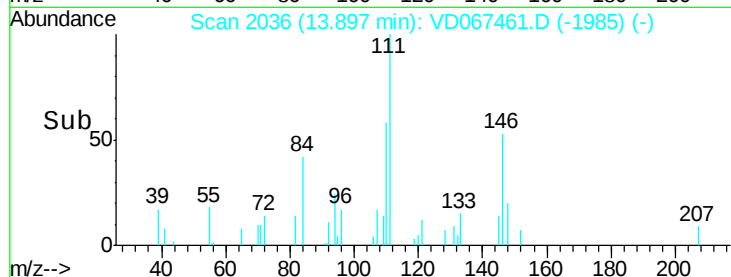
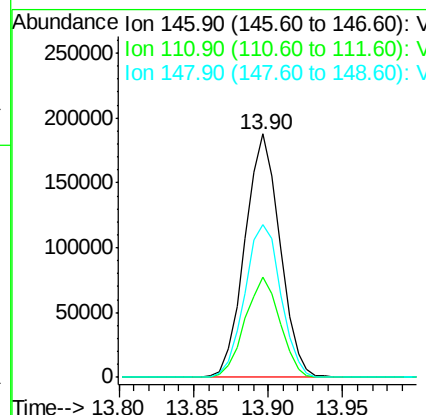
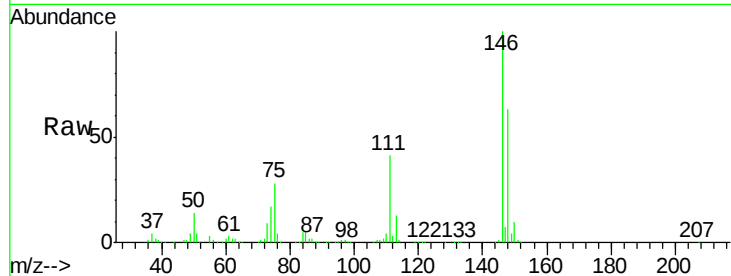
#91
 1,2-Dichlorobenzene
 Concen: 54.185 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067461.D
 Acq: 30 Oct 2020 09:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	22.0	66.0
148	64.6	32.5	97.5

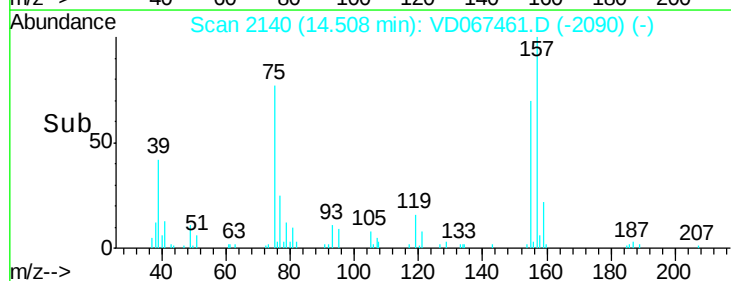
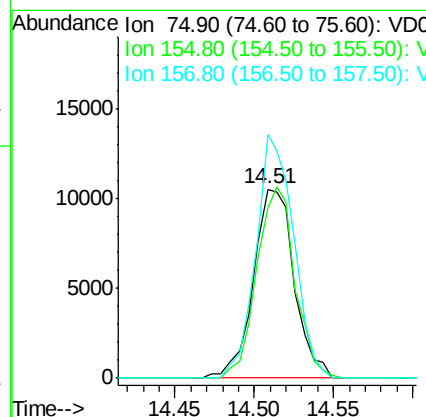
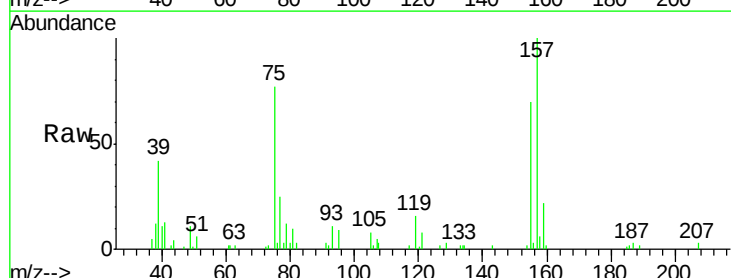
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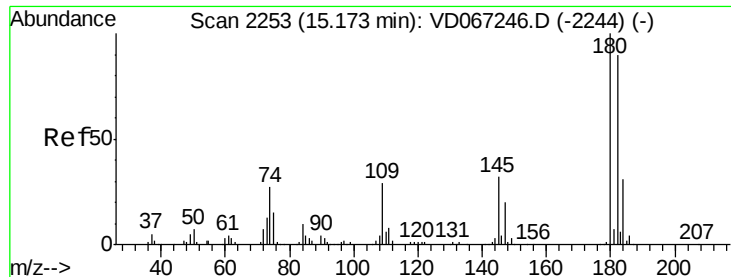
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.534 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067461.D
 Acq: 30 Oct 2020 09:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.0	44.8	134.4
157	119.0	62.5	187.4





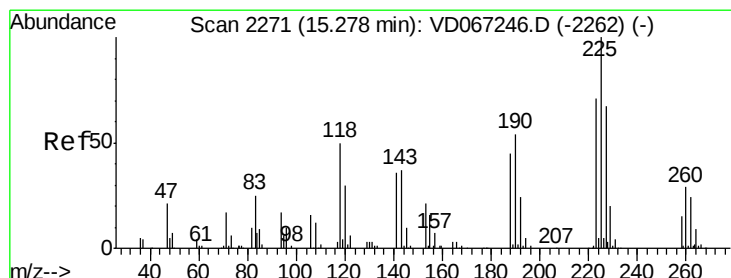
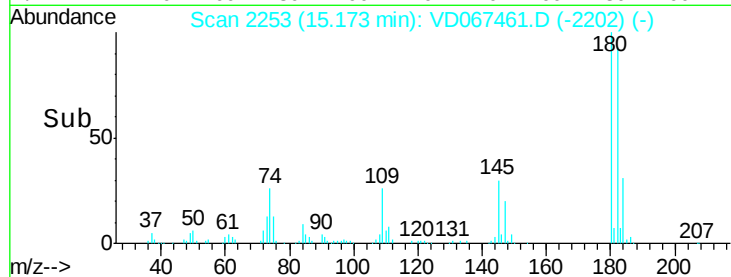
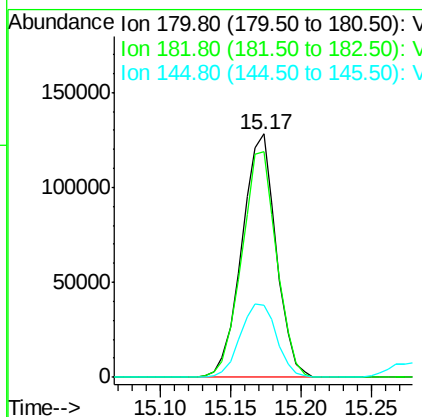
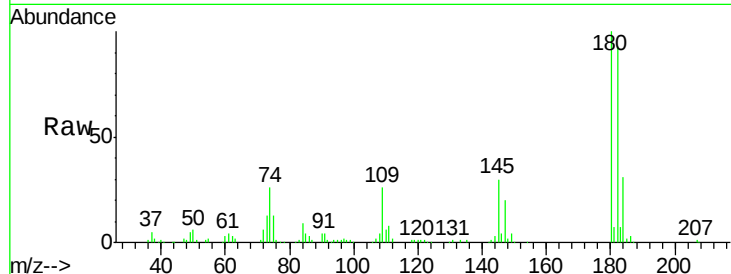
#93
 1,2,4-Trichlorobenzene
 Concen: 57.481 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067461.D
 Acq: 30 Oct 2020 09:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	217535		
182	94.7	48.1	144.4	
145	32.2	16.3	48.9	

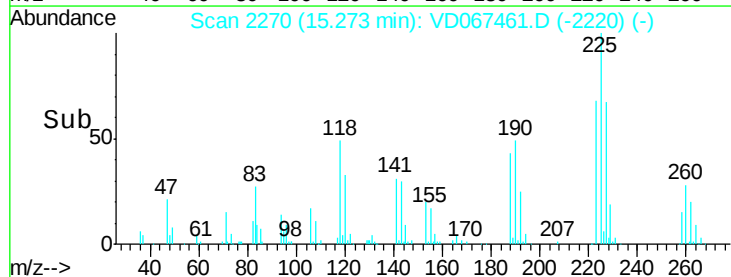
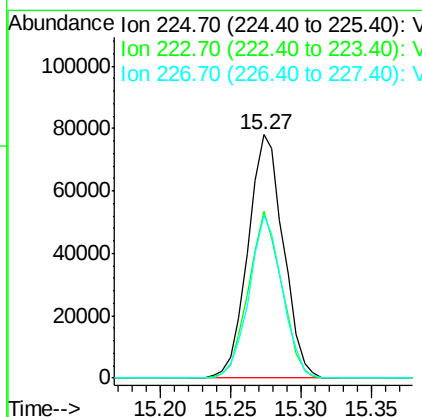
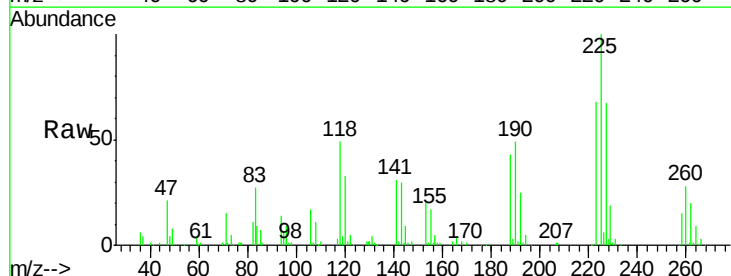
Manual Integrations
 APPROVED

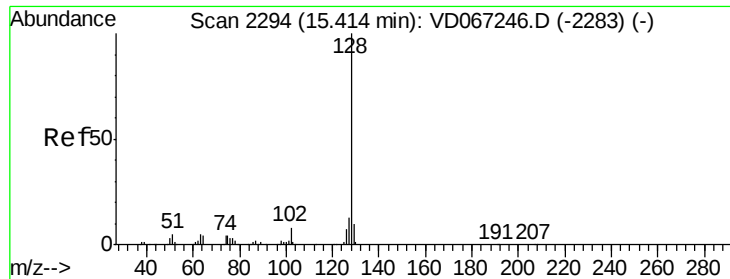
MMDadoda
 11/2/2020 4:09:27 PM



#94
 Hexachlorobutadiene
 Concen: 58.467 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: VD067461.D
 Acq: 30 Oct 2020 09:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	137404		
223	64.3	31.9	95.7	
227	62.9	31.2	93.6	





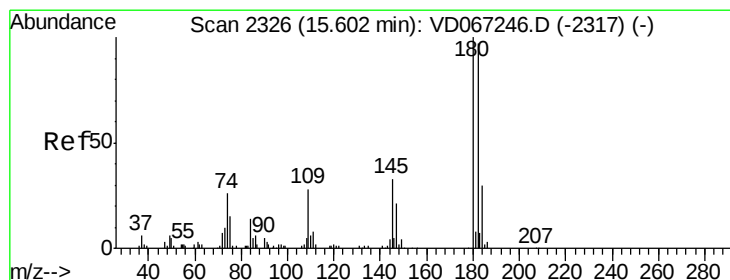
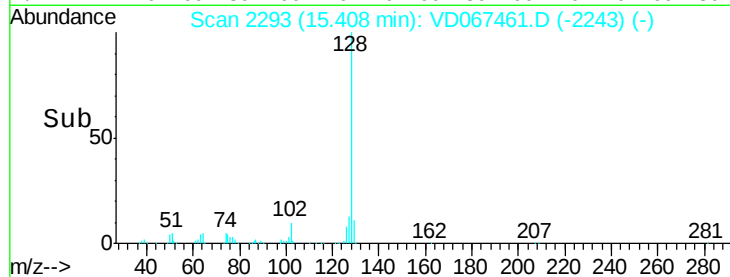
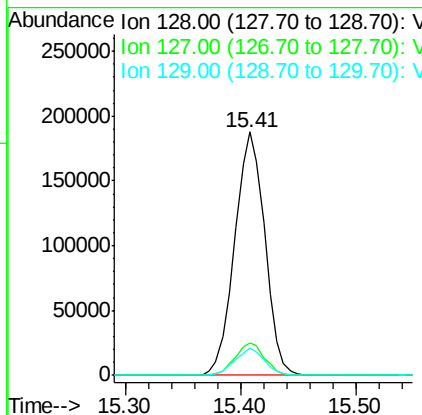
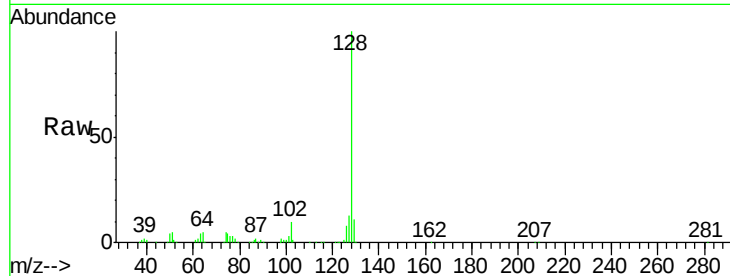
#95
Naphthalene
Concen: 54.478 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	338496		
127	13.2		10.4	15.6
129	10.9		8.6	12.8

Manual Integrations
APPROVED

MMDadoda
11/2/2020 4:09:27 PM



#96
1,2,3-Trichlorobenzene
Concen: 56.004 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD067461.D
Acq: 30 Oct 2020 09:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	183102		
182	96.3		48.1	144.3
145	34.2		17.3	51.9

