

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110520\
 Data File : VD067533.D
 Acq On : 05 Nov 2020 09:46
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 06 00:13:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	347038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	491817	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	445424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	224663	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	131730	43.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.82%	
35) Dibromofluoromethane	7.92	113	134426	45.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.74%	
50) Toluene-d8	10.34	98	472015	45.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.66%	
62) 4-Bromofluorobenzene	12.64	95	166823	46.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	135355	48.001	ug/l	97
3) Chloromethane	2.21	50	96407	44.611	ug/l	98
4) Vinyl Chloride	2.35	62	104031	43.177	ug/l	97
5) Bromomethane	2.77	94	86129	44.104	ug/l	99
6) Chloroethane	2.93	64	64743	43.585	ug/l	93
7) Trichlorofluoromethane	3.28	101	284515	45.606	ug/l	97
8) Diethyl Ether	3.71	74	56437	44.896	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	146352	46.475	ug/l	100
10) Methyl Iodide	4.30	142	149792	44.382	ug/l	99
11) Tert butyl alcohol	5.21	59	31353	238.862	ug/l	97
12) 1,1-Dichloroethene	4.07	96	133161	45.972	ug/l	95
13) Acrolein	3.93	56	31546	236.009	ug/l	98
14) Allyl chloride	4.71	41	139857	45.115	ug/l	99
15) Acrylonitrile	5.42	53	105608	227.272	ug/l	99
16) Acetone	4.16	43	108600	239.159	ug/l	90
17) Carbon Disulfide	4.41	76	399901	45.055	ug/l	99
18) Methyl Acetate	4.71	43	40882	43.568	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	263953	46.198	ug/l	95
20) Methylene Chloride	4.96	84	138098	43.053	ug/l	99
21) trans-1,2-Dichloroethene	5.47	96	152470	45.193	ug/l	97
22) Diisopropyl ether	6.37	45	280564	46.442	ug/l	98
23) Vinyl Acetate	6.30	43	773548	244.621	ug/l	99
24) 1,1-Dichloroethane	6.26	63	222059	44.931	ug/l	96
25) 2-Butanone	7.21	43	114006	234.963	ug/l	99
26) 2,2-Dichloropropane	7.21	77	245981	47.159	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	162906	46.521	ug/l	97
28) Bromochloromethane	7.54	49	81565	46.398	ug/l	93
29) Tetrahydrofuran	7.57	42	71164	244.851	ug/l	99
30) Chloroform	7.71	83	272973	46.298	ug/l	96
31) Cyclohexane	7.99	56	197582	44.894	ug/l	92
32) 1,1,1-Trichloroethane	7.90	97	275680	45.317	ug/l	99
36) 1,1-Dichloropropene	8.11	75	201868	47.951	ug/l	99
37) Ethyl Acetate	7.29	43	50592	46.289	ug/l	98
38) Carbon Tetrachloride	8.10	117	268922	49.165	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	251939	50.846	ug/l	98
40) Benzene	8.36	78	556688	48.817	ug/l	100
41) Methacrylonitrile	7.53	41	26247	40.175	ug/l #	69
42) 1,2-Dichloroethane	8.43	62	168505	47.826	ug/l	100
43) Isopropyl Acetate	8.45	43	101823	47.107	ug/l	99
44) Trichloroethene	9.11	130	178961	47.728	ug/l	96
45) 1,2-Dichloropropane	9.39	63	117974	47.849	ug/l	95
46) Dibromomethane	9.48	93	77167	49.225	ug/l	98
47) Bromodichloromethane	9.67	83	209264	49.113	ug/l	98
48) Methyl methacrylate	9.46	41	56338	50.480	ug/l	98
49) 1,4-Dioxane	9.46	88	15670	984.648	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	261451	252.912	ug/l	98
52) Toluene	10.41	92	378438	49.546	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	179235	49.115	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	203847	47.016	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	100129	48.274	ug/l	95
56) Ethyl methacrylate	10.66	69	106945	49.929	ug/l	96
57) 1,3-Dichloropropane	10.95	76	162713	48.749	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	247952	248.236	ug/l	99
59) 2-Hexanone	10.99	43	194797	269.500	ug/l	99
60) Dibromochloromethane	11.14	129	151894	49.504	ug/l	99
61) 1,2-Dibromoethane	11.25	107	101132	48.580	ug/l	99
64) Tetrachloroethene	10.88	164	161829	49.057	ug/l	95
65) Chlorobenzene	11.67	112	417766	48.690	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	164092	48.524	ug/l	99
67) Ethyl Benzene	11.75	91	733061	49.929	ug/l	100
68) m/p-Xylenes	11.86	106	571675	100.083	ug/l	99
69) o-Xylene	12.18	106	257271	50.447	ug/l	98
70) Styrene	12.20	104	437694	49.253	ug/l	99
71) Bromoform	12.37	173	83416	48.366	ug/l #	99
73) Isopropylbenzene	12.48	105	738507	50.863	ug/l	99
74) N-amyl acetate	12.29	43	93748	49.069	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	96060	48.517	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	135041	99.640	ug/l #	100
77) Bromobenzene	12.77	156	174494	48.935	ug/l	97
78) n-propylbenzene	12.83	91	845270	50.896	ug/l	100
79) 2-Chlorotoluene	12.91	91	472124	50.045	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	633365	51.064	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	31034	46.490	ug/l	96
82) 4-Chlorotoluene	13.01	91	506663	50.075	ug/l	99
83) tert-Butylbenzene	13.23	119	550403	52.360	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	625791	50.686	ug/l	97
85) sec-Butylbenzene	13.41	105	729092	51.379	ug/l	99
86) p-Isopropyltoluene	13.52	119	702517	51.266	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	332706	48.898	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	324829	47.148	ug/l	99
89) n-Butylbenzene	13.85	91	612988	51.788	ug/l	100
90) Hexachloroethane	14.11	117	128024	49.610	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	285769	48.528	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	16648	47.491	ug/l	97

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Response via : Initial Calibration

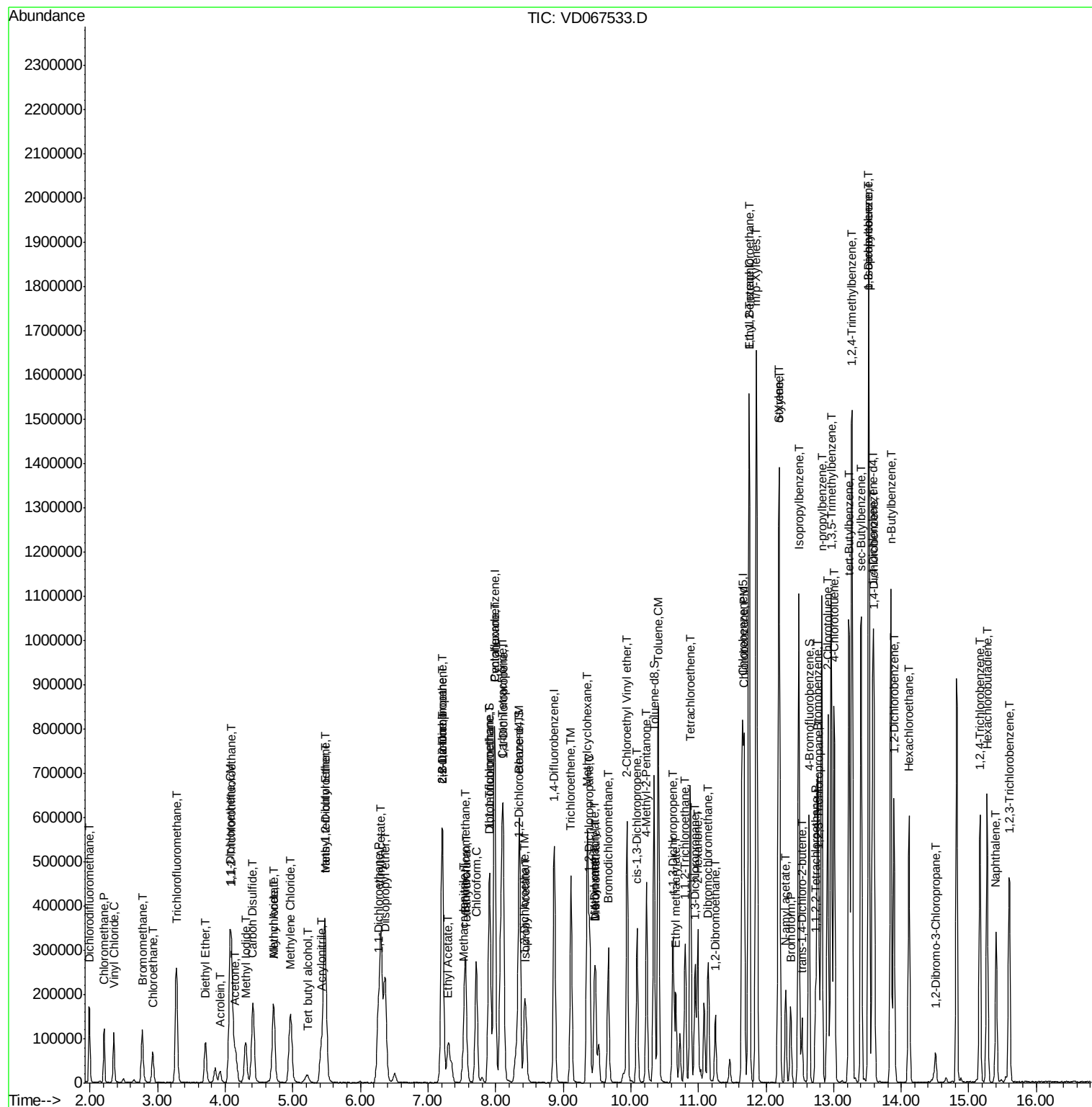
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	195775	48.983	ug/l	99
94) Hexachlorobutadiene	15.27	225	133193	49.793	ug/l	98
95) Naphthalene	15.40	128	316324	51.285	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	167368	48.901	ug/l	98

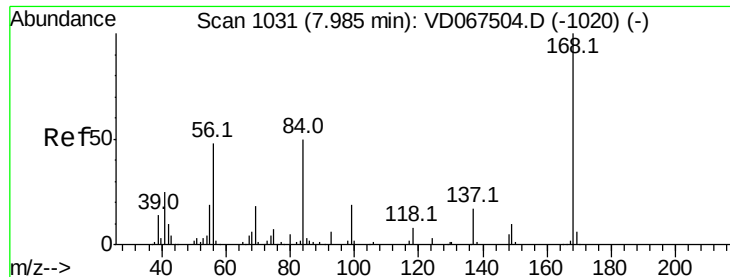
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067533.D

Acq: 05 Nov 2020 09:46

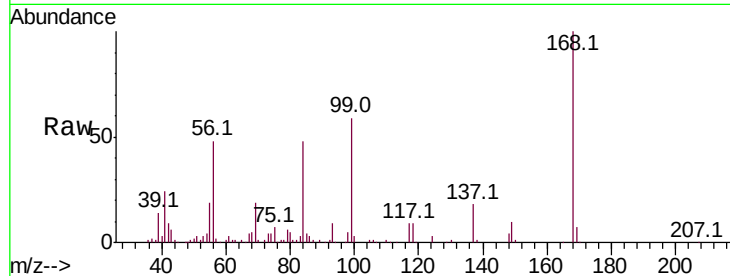
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 347038

Ion Ratio Lower Upper

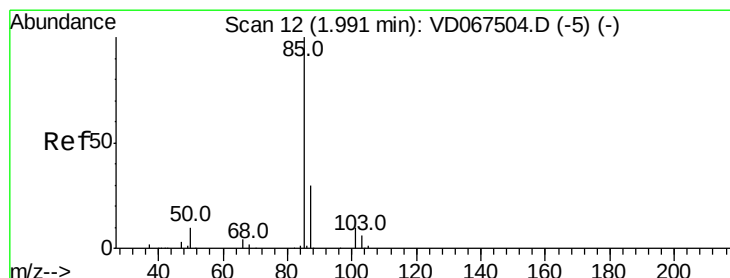
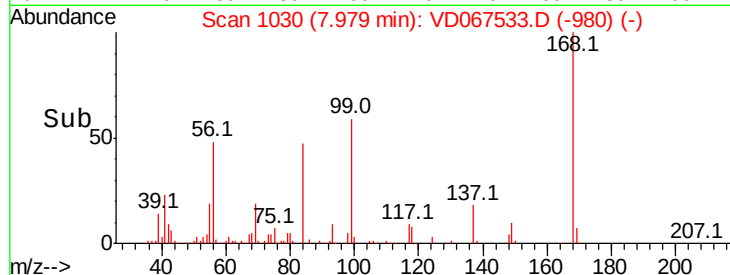
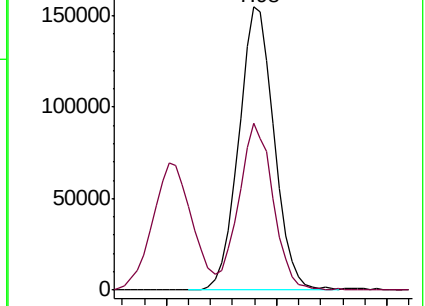
168 100

99 58.1 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 48.001 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067533.D

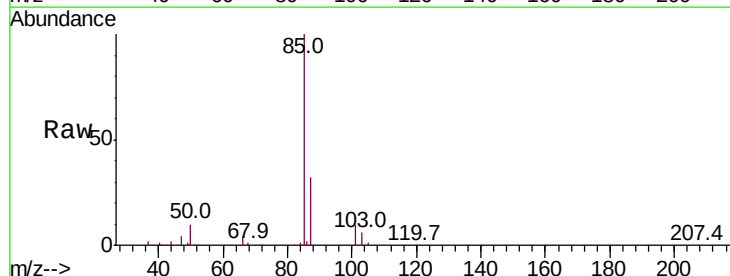
Acq: 05 Nov 2020 09:46

Tgt Ion: 85 Resp: 135355

Ion Ratio Lower Upper

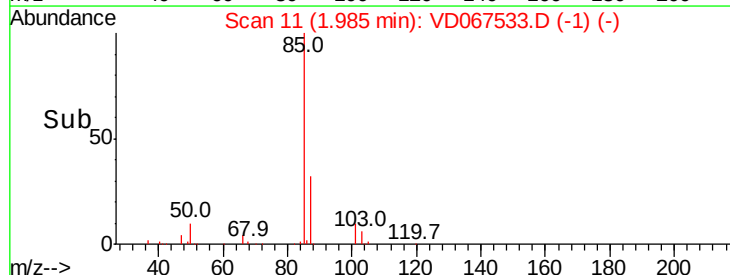
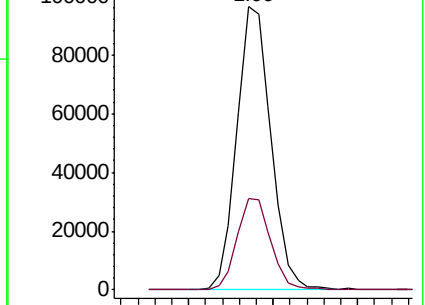
85 100

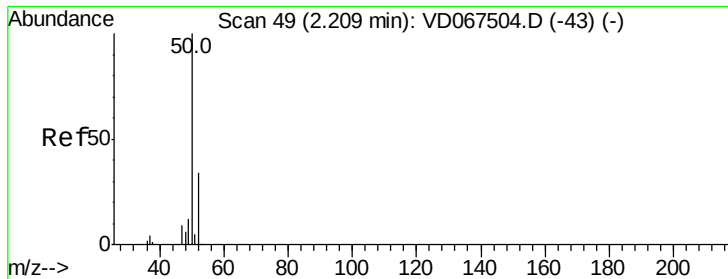
87 32.4 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

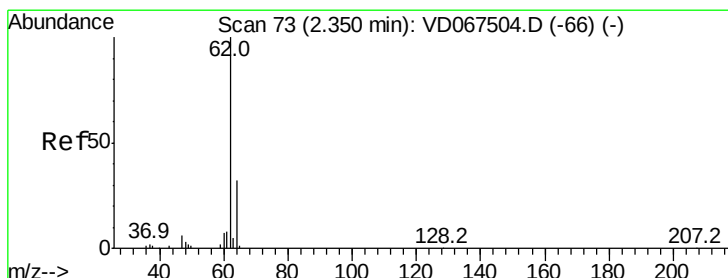
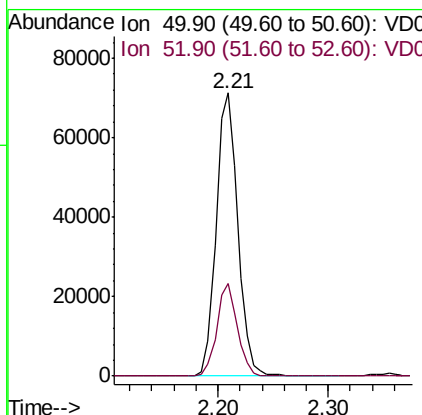
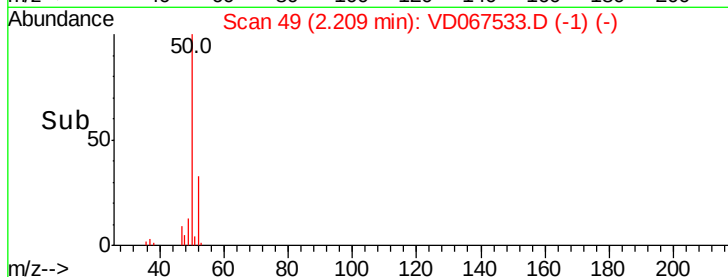
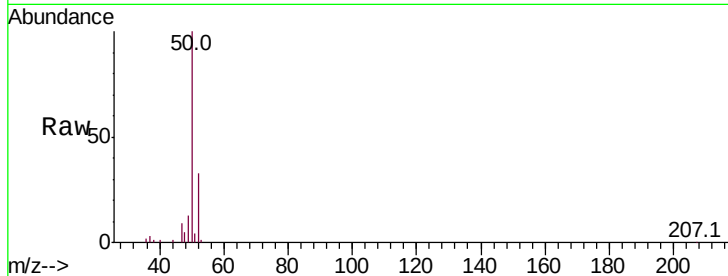




#3
Chloromethane
Concen: 44.611 ug/l
RT: 2.21 min Scan# 49
Delta R.T. 0.00 min
Lab File: VD067533.D
Acq: 05 Nov 2020 09:46

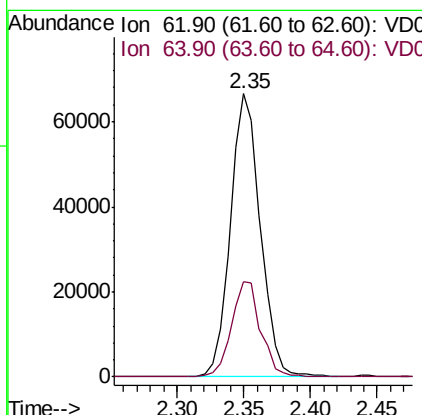
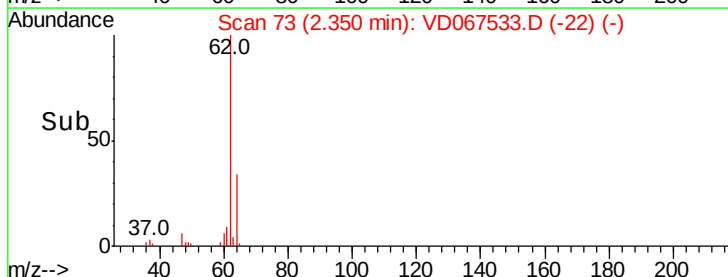
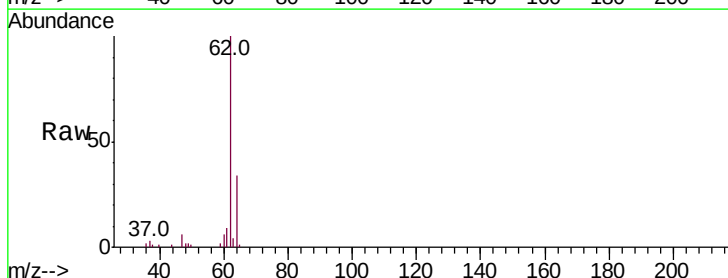
Instrument :
MSVOA_D
ClientSampleId :

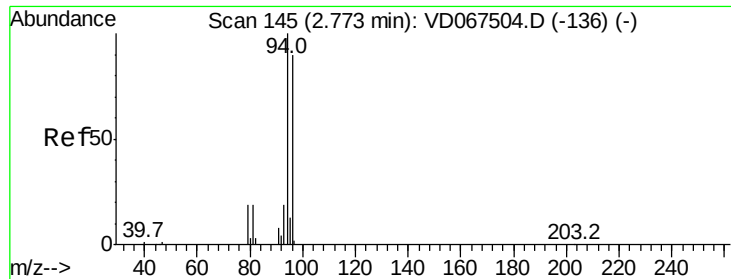
Tot Ion: 50 Resp: 96407
Ion Ratio Lower Upper
50 100
52 32.8 27.3 40.9



#4
Vinyl Chloride
Concen: 43.177 ug/l
RT: 2.35 min Scan# 73
Delta R.T. 0.00 min
Lab File: VD067533.D
Acq: 05 Nov 2020 09:46

Tgt Ion: 62 Resp: 104031
Ion Ratio Lower Upper
62 100
64 33.5 25.6 38.4





#5

Bromomethane

Concen: 44.104 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD067533.D

Acq: 05 Nov 2020 09:46

Instrument :

MSVOA_D

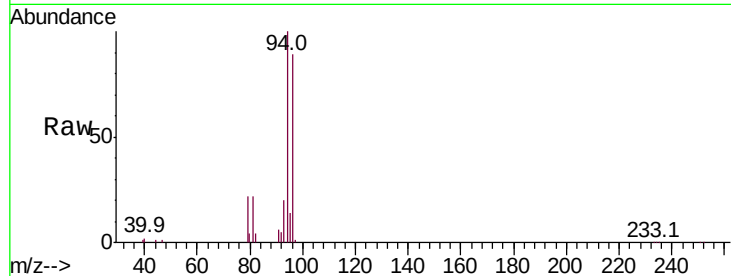
ClientSampleId :

Tot Ion: 94 Resp: 86129

Ion Ratio Lower Upper

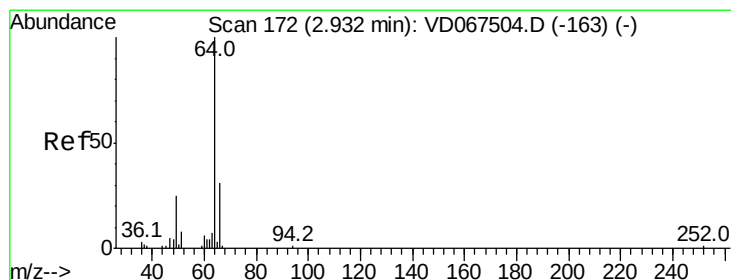
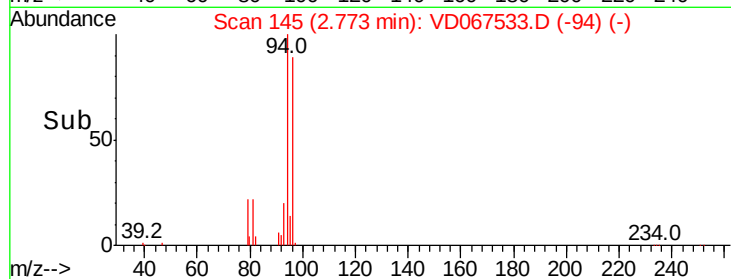
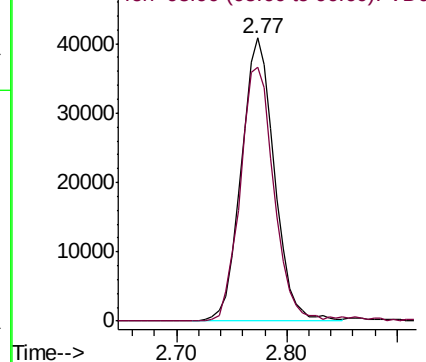
94 100

96 89.5 72.2 108.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 43.585 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.01 min

Lab File: VD067533.D

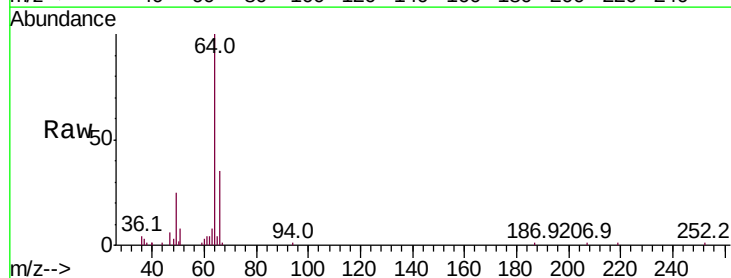
Acq: 05 Nov 2020 09:46

Tgt Ion: 64 Resp: 64743

Ion Ratio Lower Upper

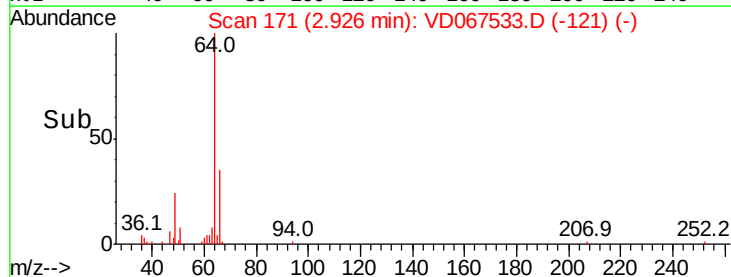
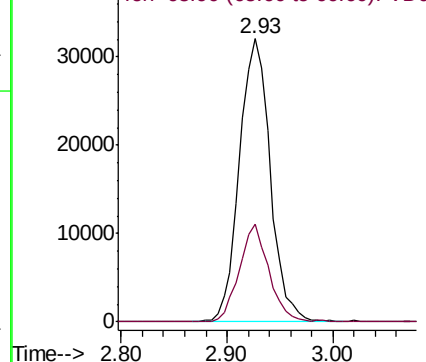
64 100

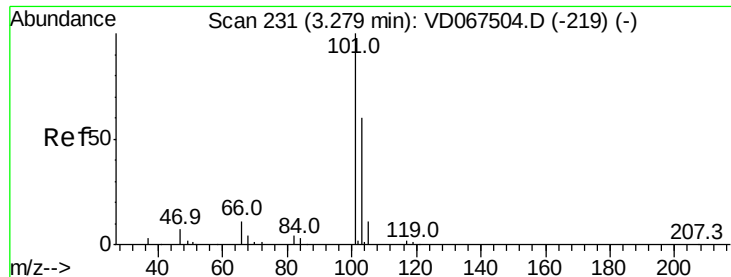
66 34.7 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



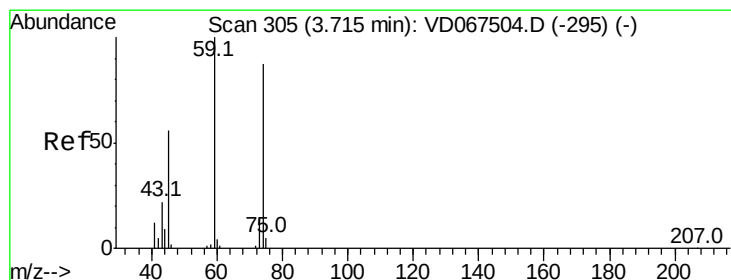
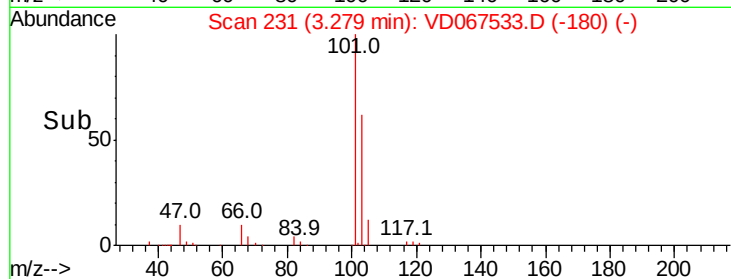
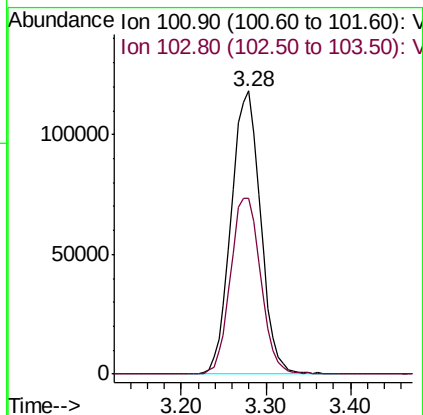
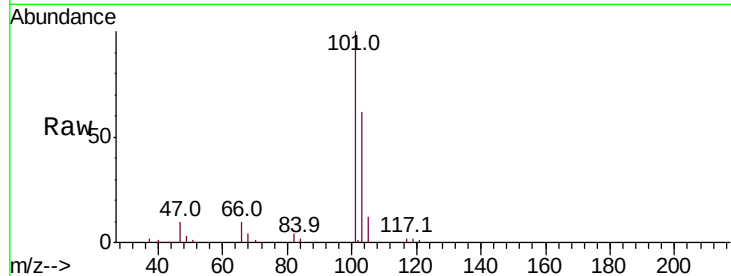


#7

Trichlorofluoromethane
 Concen: 45.606 ug/l
 RT: 3.28 min Scan# 231
 Delta R.T. 0.00 min
 Lab File: VD067533.D
 Acq: 05 Nov 2020 09:46

Instrument :
 MSVOA_D
 ClientSampleId :

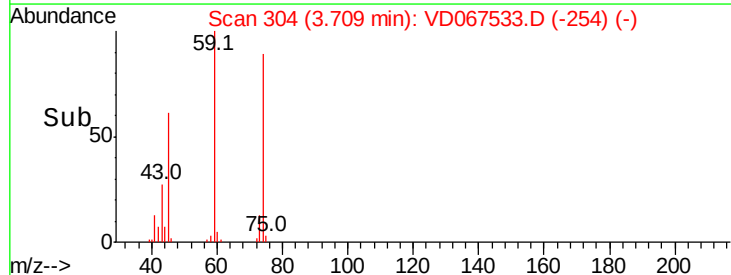
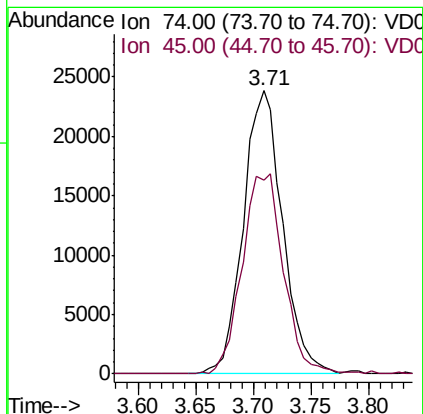
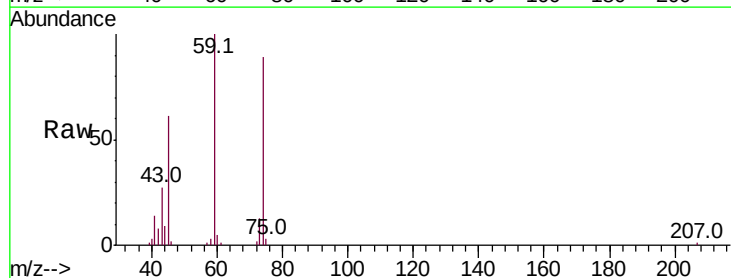
Tot Ion:101 Resp: 284515
 Ion Ratio Lower Upper
 101 100
 103 62.2 48.1 72.1

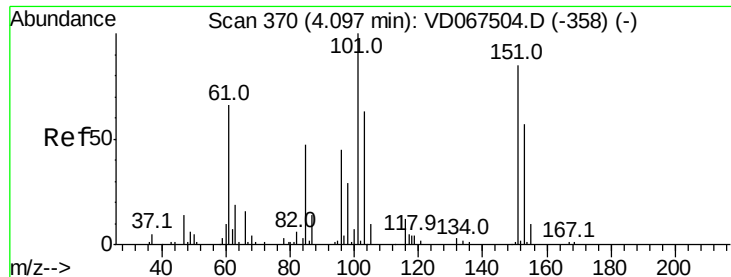


#8

Diethyl Ether
 Concen: 44.896 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.01 min
 Lab File: VD067533.D
 Acq: 05 Nov 2020 09:46

Tgt Ion: 74 Resp: 56437
 Ion Ratio Lower Upper
 74 100
 45 74.5 38.2 114.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.475 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067533.D

Acq: 05 Nov 2020 09:46

Instrument :

MSVOA_D

ClientSampleId :

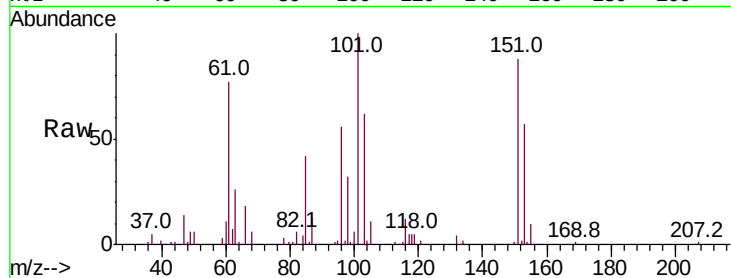
Tot Ion:101 Resp: 146352

Ion Ratio Lower Upper

101 100

85 42.8 34.4 51.6

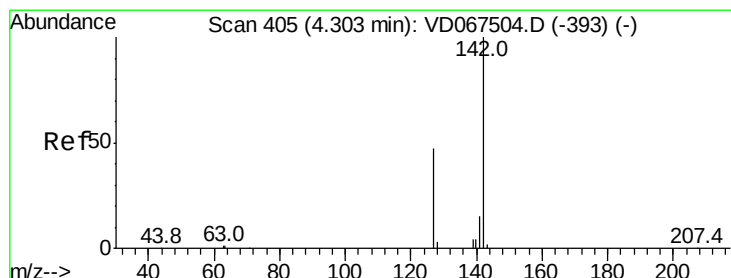
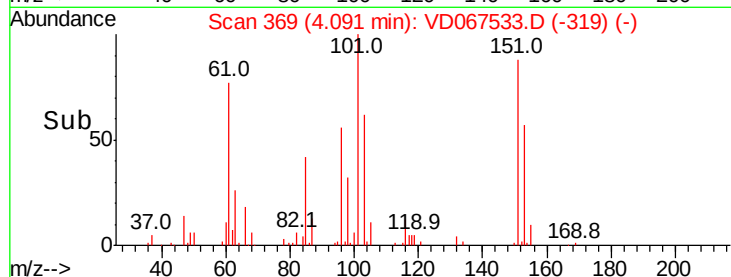
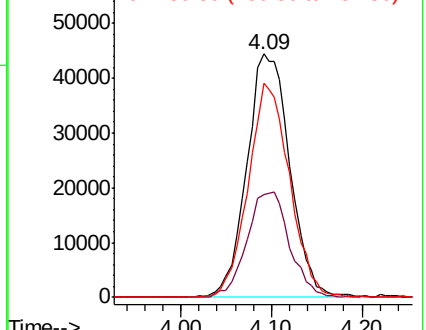
151 84.9 68.1 102.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.382 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

Lab File: VD067533.D

Acq: 05 Nov 2020 09:46

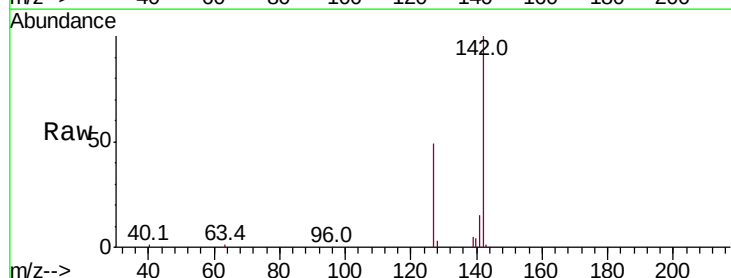
Tgt Ion:142 Resp: 149792

Ion Ratio Lower Upper

142 100

127 50.6 40.0 60.0

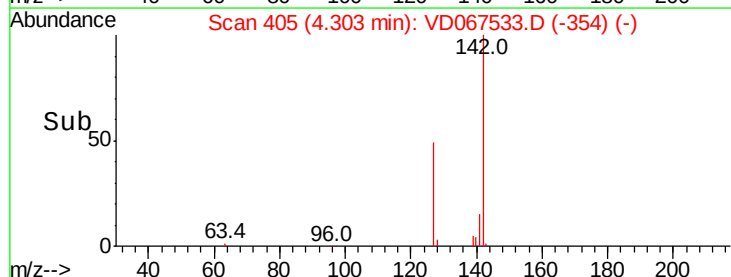
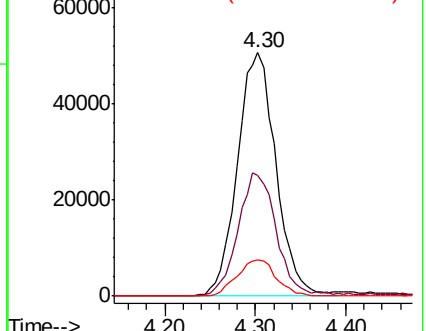
141 14.9 11.7 17.5

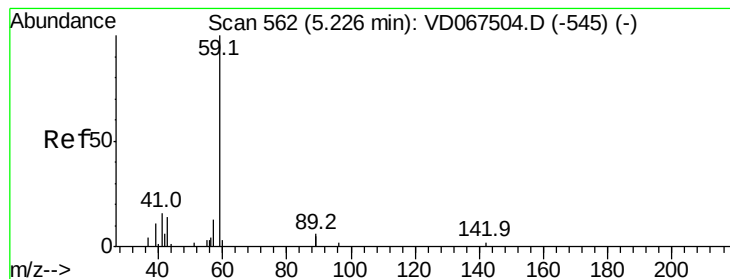


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



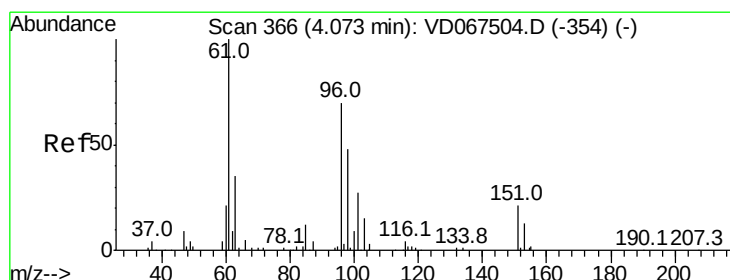
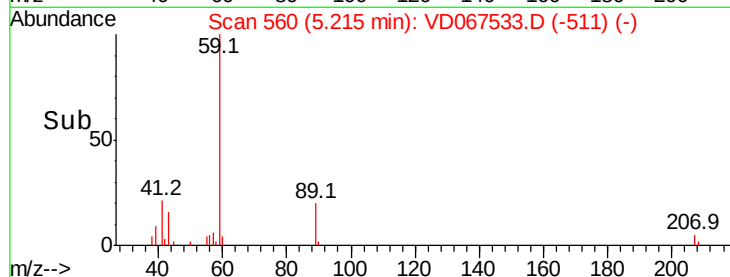
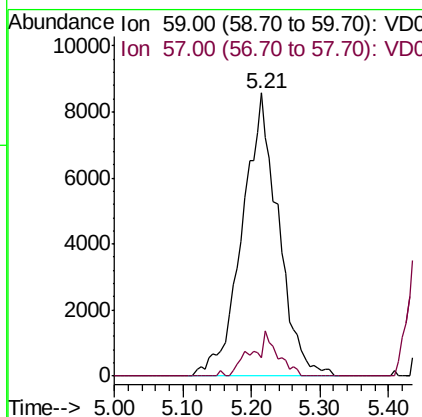
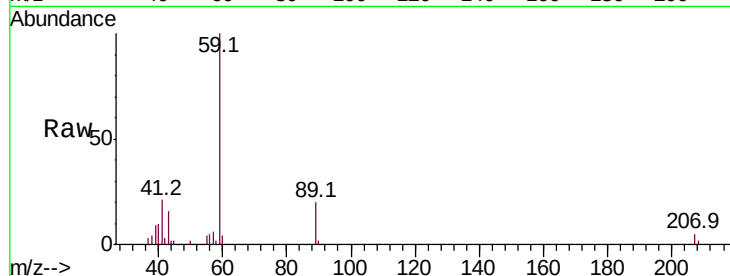


#11

Tert butyl alcohol
 Concen: 238.862 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD067533.D
 Acq: 05 Nov 2020 09:46

Instrument :
 MSVOA_D
 ClientSampleId :

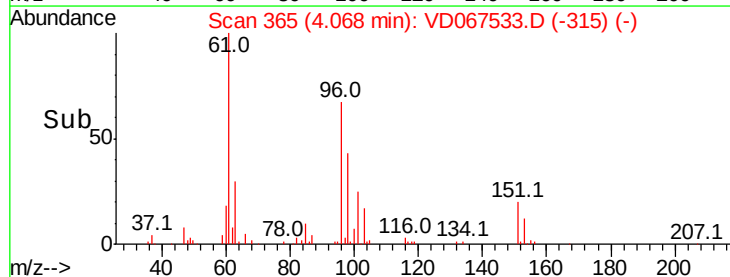
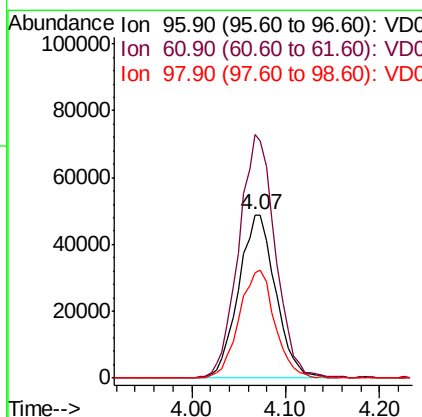
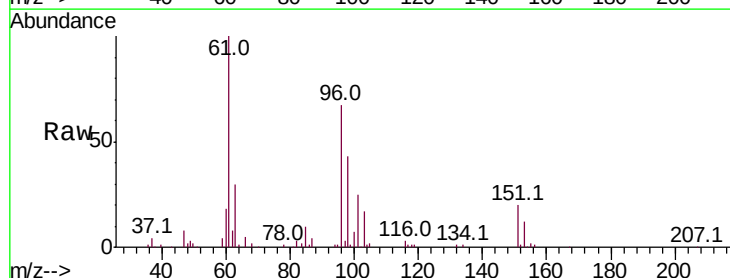
Tot Ion: 59 Resp: 31353
 Ion Ratio Lower Upper
 59 100
 57 6.3 5.9 8.9

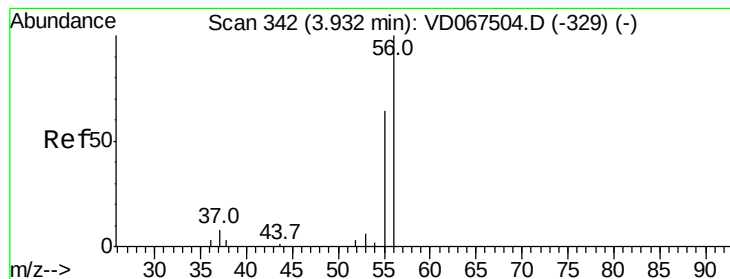


#12

1,1-Dichloroethene
 Concen: 45.972 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VD067533.D
 Acq: 05 Nov 2020 09:46

Tgt Ion: 96 Resp: 133161
 Ion Ratio Lower Upper
 96 100
 61 149.4 114.5 171.7
 98 64.7 54.5 81.7





#13

Acrolein

Concen: 236.009 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.01 min

Lab File: VD067533.D

Acq: 05 Nov 2020 09:46

Instrument :

MSVOA_D

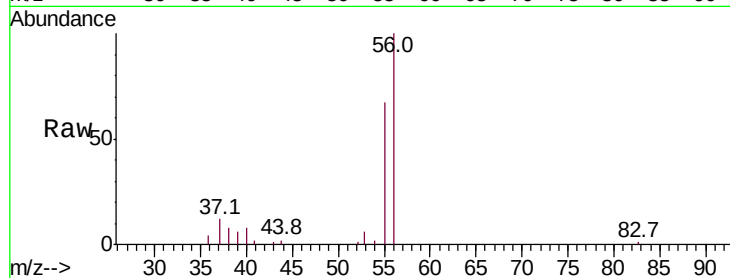
ClientSampleId :

Tot Ion: 56 Resp: 31546

Ion Ratio Lower Upper

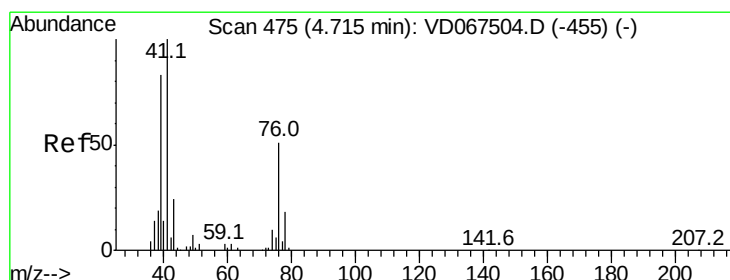
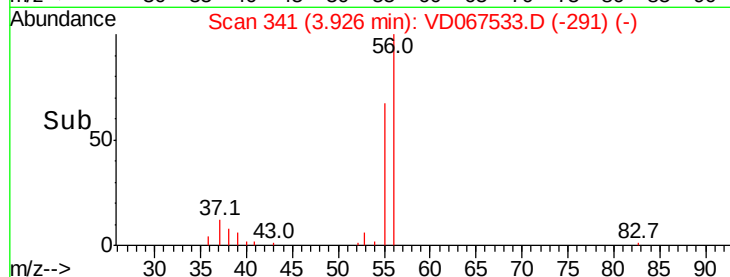
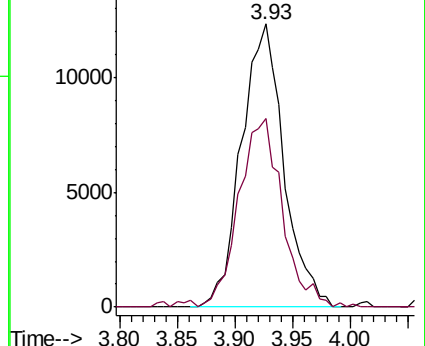
56 100

55 68.3 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 45.115 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067533.D

Acq: 05 Nov 2020 09:46

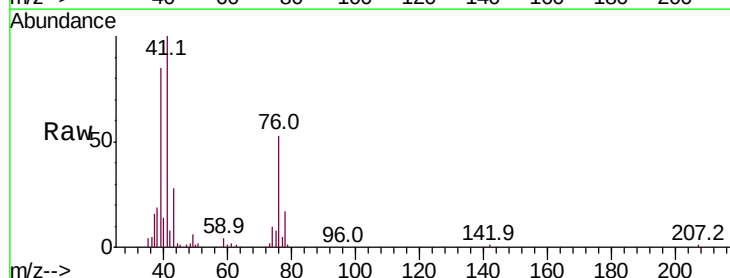
Tgt Ion: 41 Resp: 139857

Ion Ratio Lower Upper

41 100

39 83.3 67.4 101.0

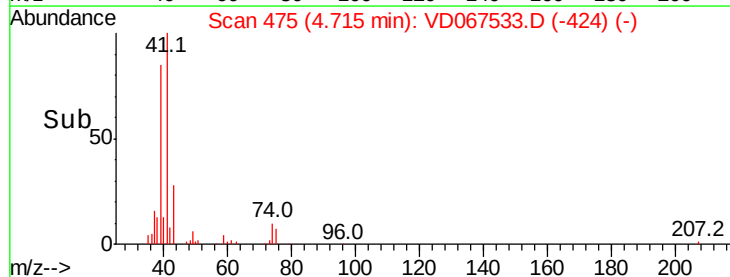
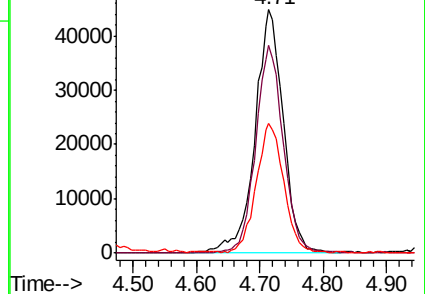
76 52.3 42.2 63.2

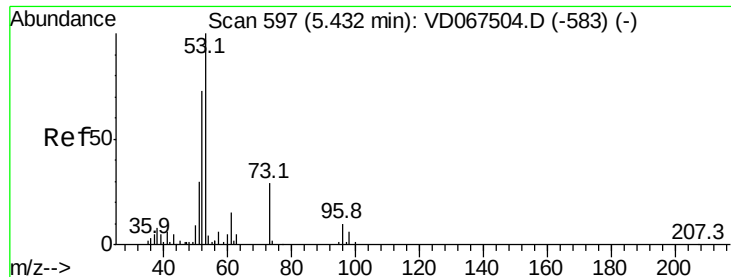


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 227.272 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067533.D

Acq: 05 Nov 2020 09:46

Instrument :

MSVOA_D

ClientSampleId :

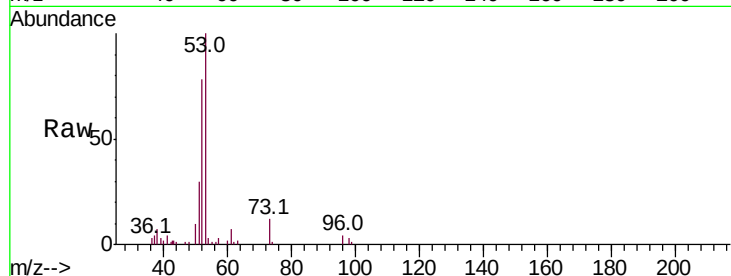
Tot Ion: 53 Resp: 105608

Ion Ratio Lower Upper

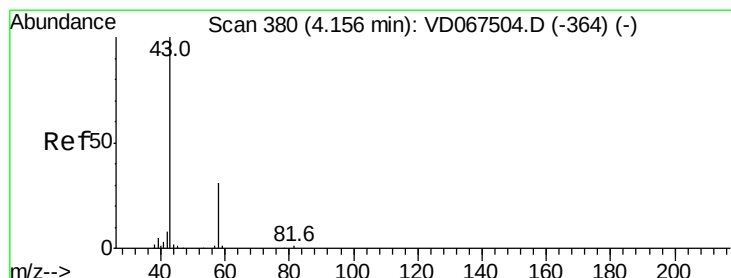
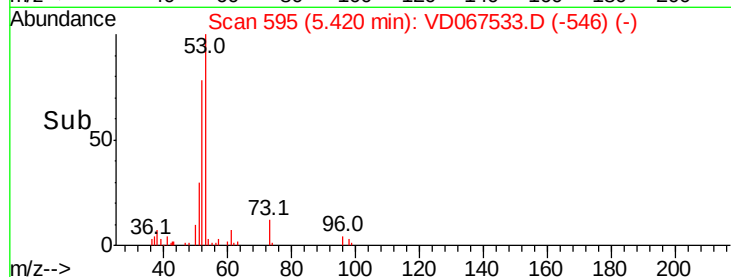
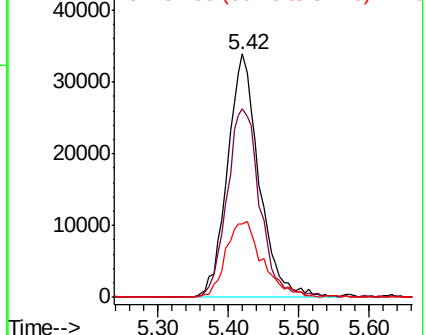
53 100

52 80.8 64.8 97.2

51 36.1 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 239.159 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067533.D

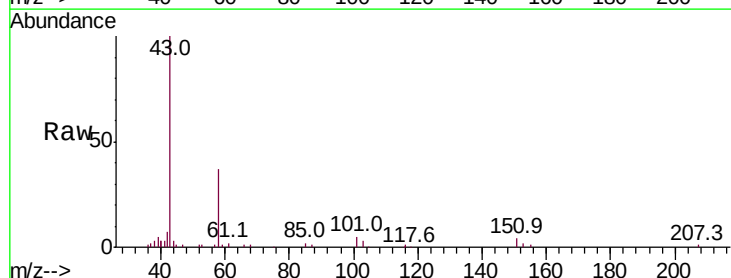
Acq: 05 Nov 2020 09:46

Tgt Ion: 43 Resp: 108600

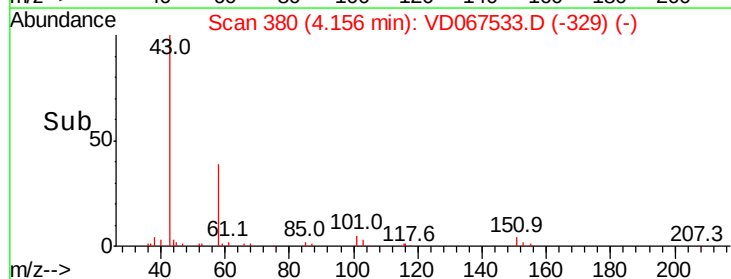
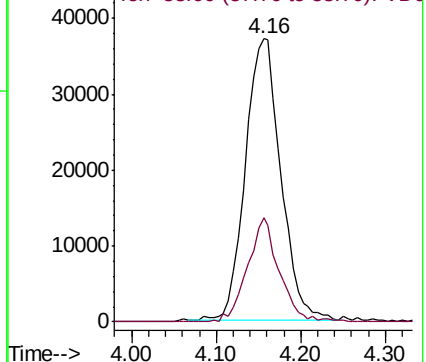
Ion Ratio Lower Upper

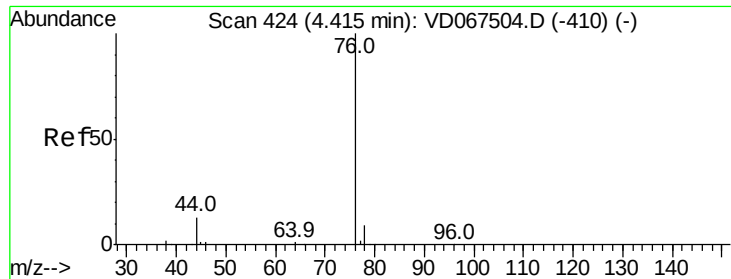
43 100

58 37.1 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

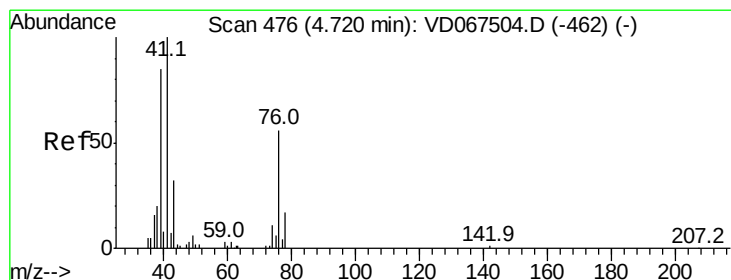
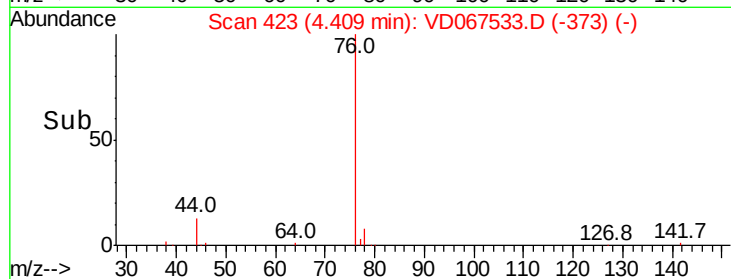
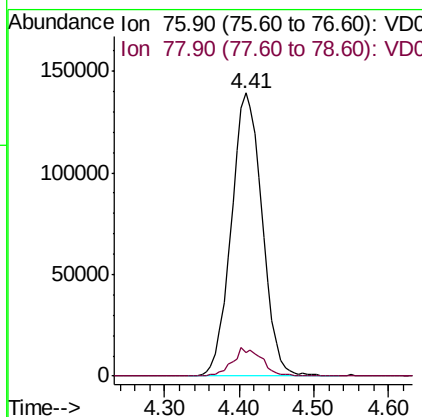
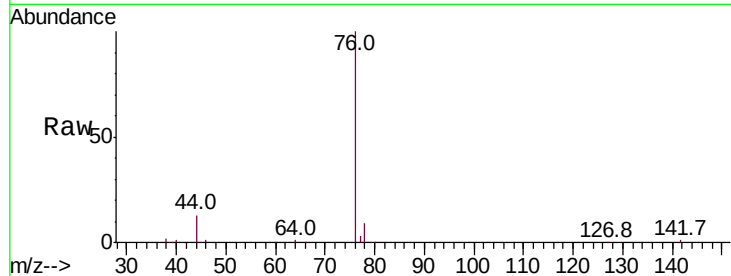




#17
Carbon Disulfide
Concen: 45.055 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.01 min
Lab File: VD067533.D
Acq: 05 Nov 2020 09:46

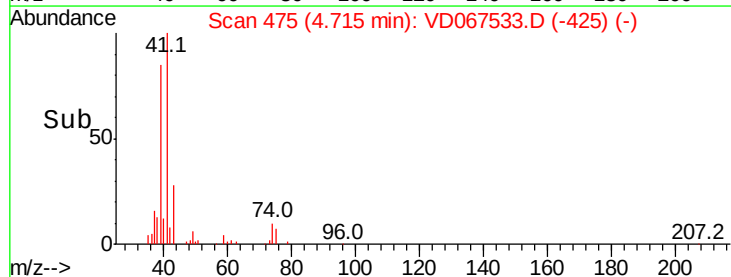
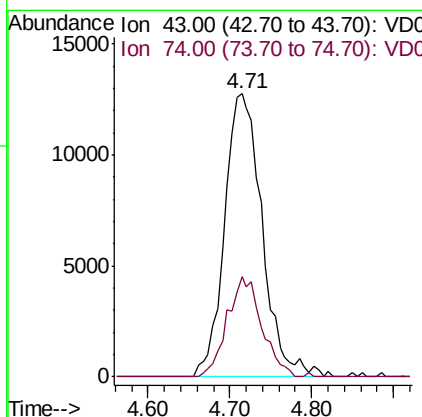
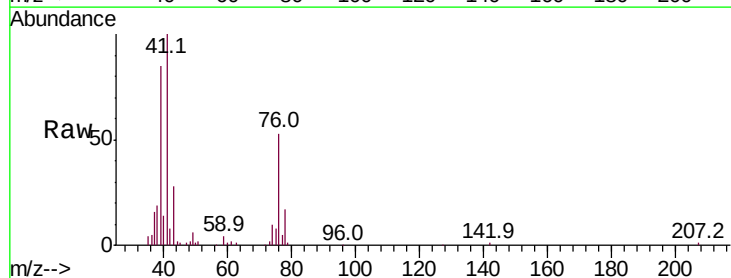
Instrument :
MSVOA_D
ClientSampled :

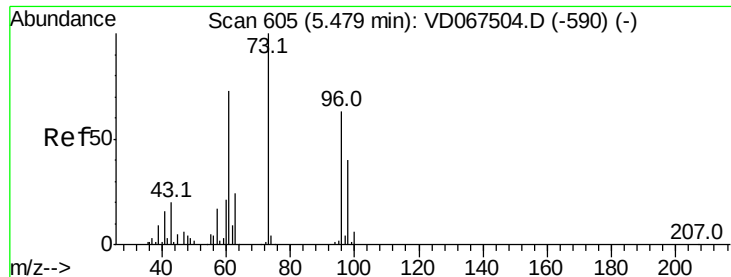
Tot Ion: 76 Resp: 399901
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8



#18
Methyl Acetate
Concen: 43.568 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD067533.D
Acq: 05 Nov 2020 09:46

Tgt Ion: 43 Resp: 40882
Ion Ratio Lower Upper
43 100
74 32.3 27.2 40.8



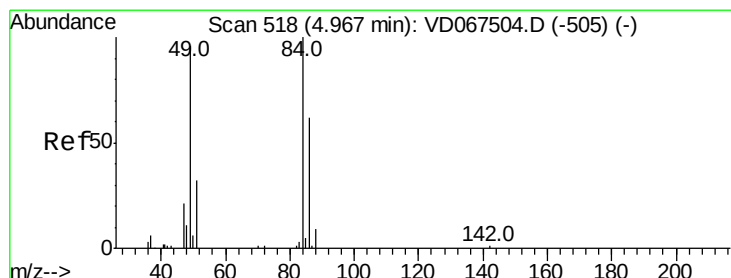
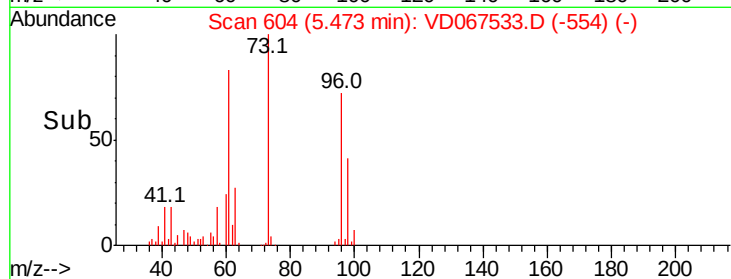
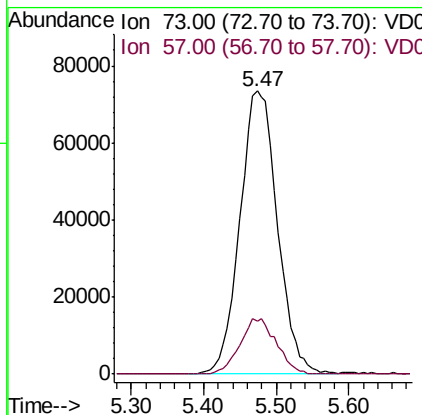
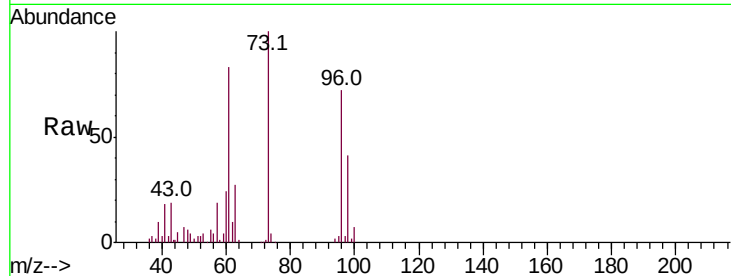


#19

Methyl tert-butyl Ether
Concen: 46.198 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD067533.D
Acq: 05 Nov 2020 09:46

Instrument :
MSVOA_D
ClientSampleId :

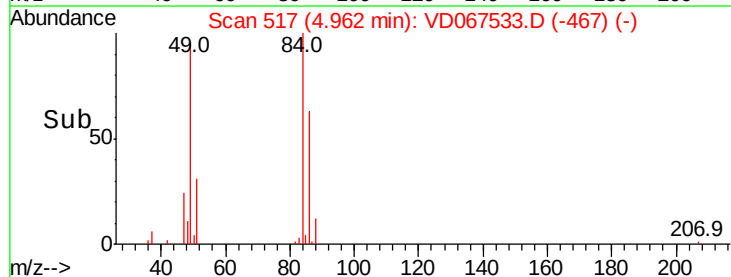
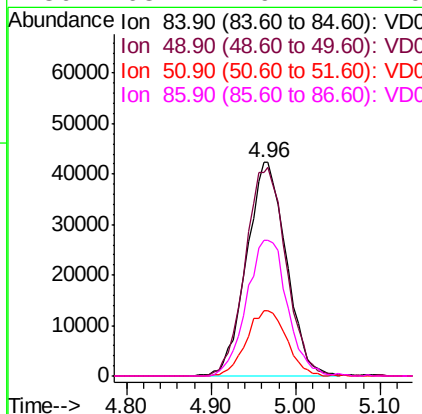
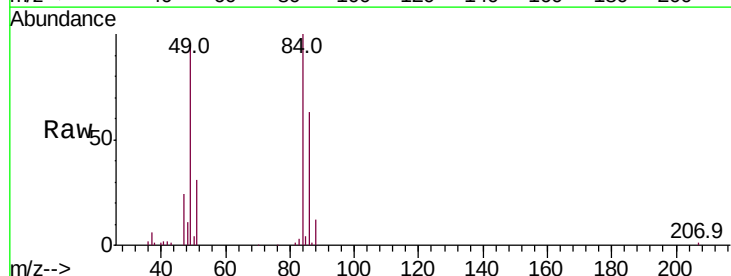
Tot Ion: 73 Resp: 263953
Ion Ratio Lower Upper
73 100
57 18.9 13.4 20.0

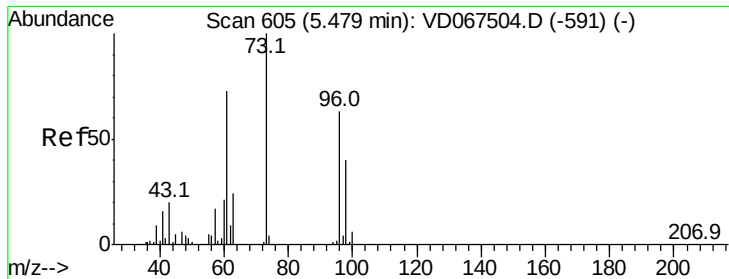


#20

Methylene Chloride
Concen: 43.053 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD067533.D
Acq: 05 Nov 2020 09:46

Tgt Ion: 84 Resp: 138098
Ion Ratio Lower Upper
84 100
49 95.6 77.0 115.4
51 30.7 25.4 38.2
86 63.4 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 45.193 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD067533.D

Acq: 05 Nov 2020 09:46

Instrument :

MSVOA_D

ClientSampleId :

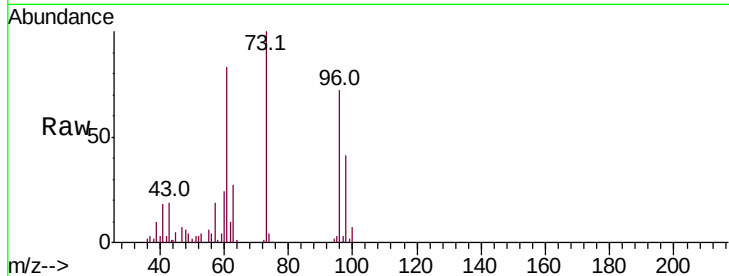
Tot Ion: 96 Resp: 152470

Ion Ratio Lower Upper

96 100

61 116.6 93.0 139.6

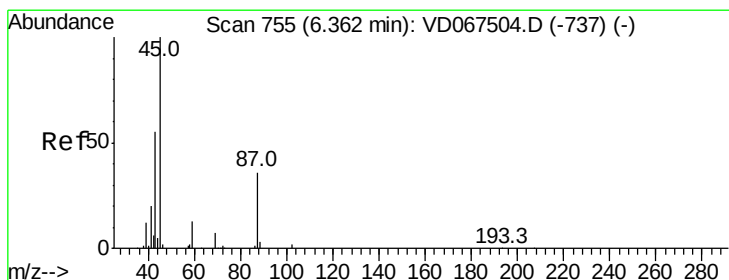
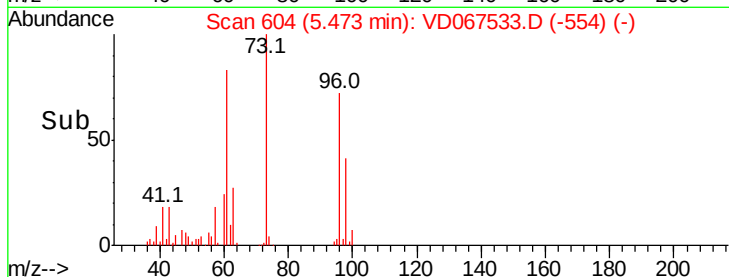
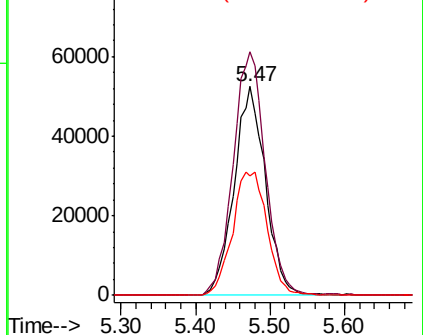
98 57.5 50.9 76.3



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 46.442 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067533.D

Acq: 05 Nov 2020 09:46

Tgt Ion: 45 Resp: 280564

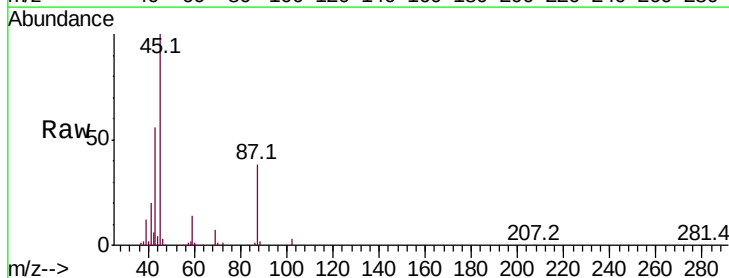
Ion Ratio Lower Upper

45 100

43 55.4 46.2 69.4

87 37.9 29.4 44.2

59 14.0 10.8 16.2

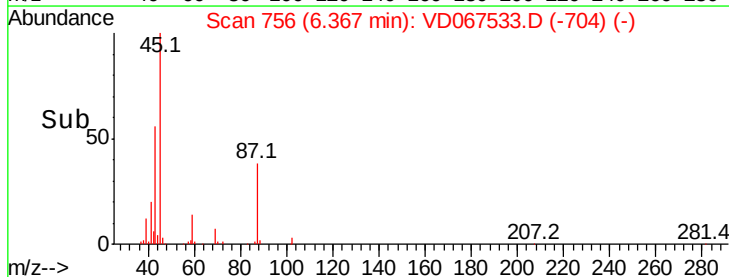
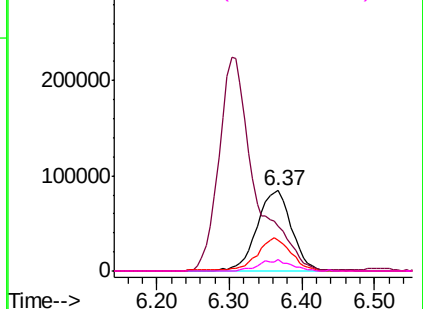


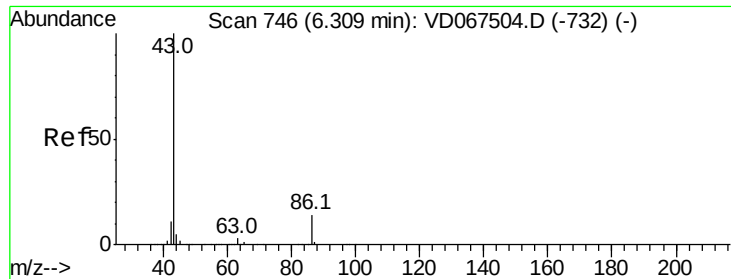
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 244.621 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067533.D

Acq: 05 Nov 2020 09:46

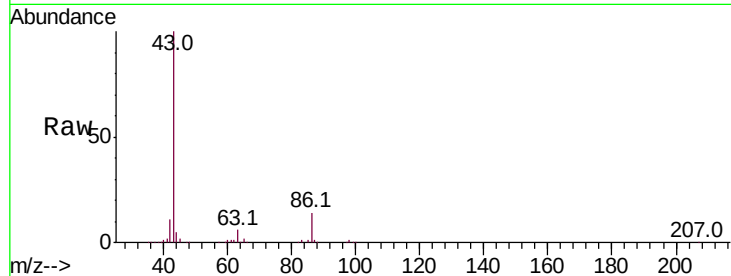
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 773548

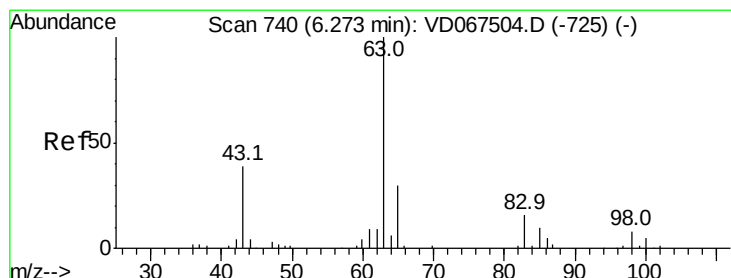
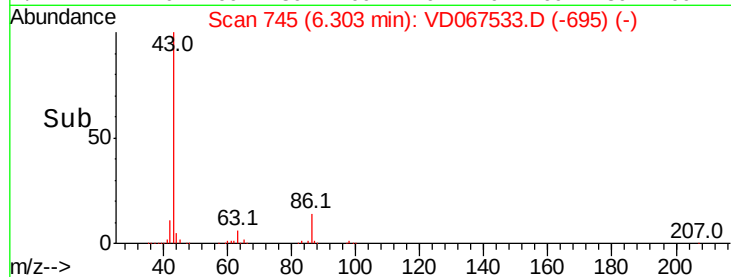
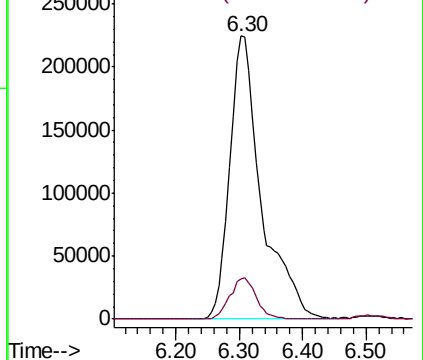
Ion Ratio Lower Upper

43 100

86 14.3 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 44.931 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD067533.D

Acq: 05 Nov 2020 09:46

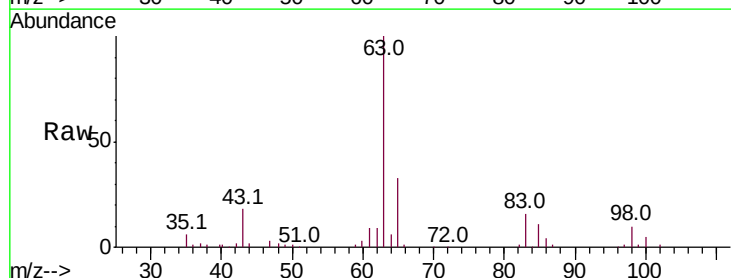
Tgt Ion: 63 Resp: 222059

Ion Ratio Lower Upper

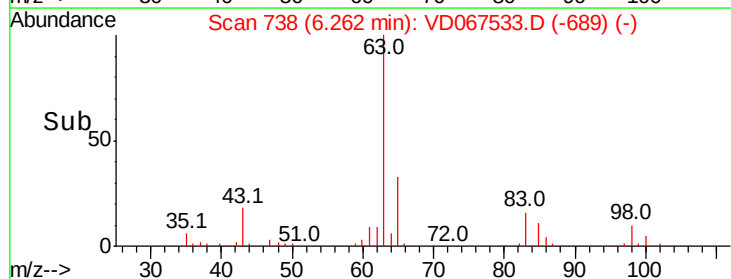
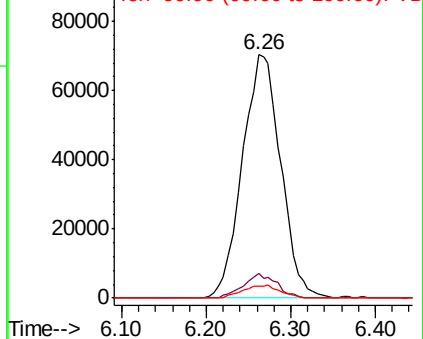
63 100

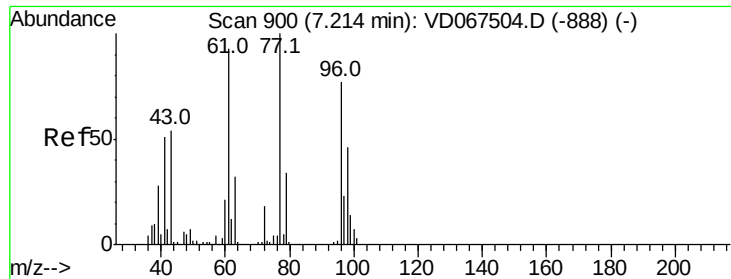
98 10.2 3.9 11.5

100 5.1 2.6 7.8



Abundance Ion 62.90 (62.60 to 63.60): VDC
Ion 97.90 (97.60 to 98.60): VDC
Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 234.963 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067533.D

Acq: 05 Nov 2020 09:46

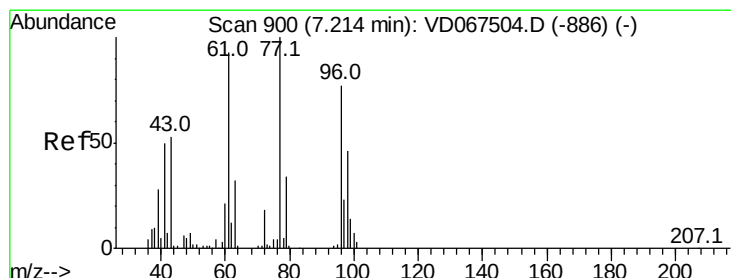
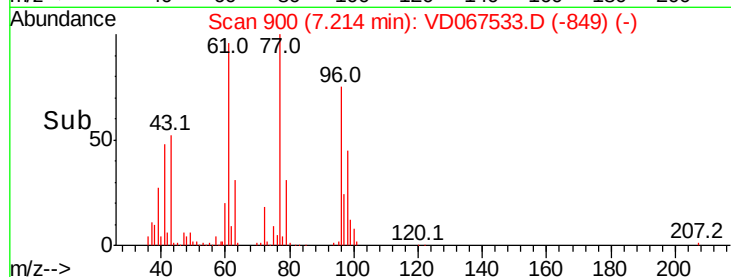
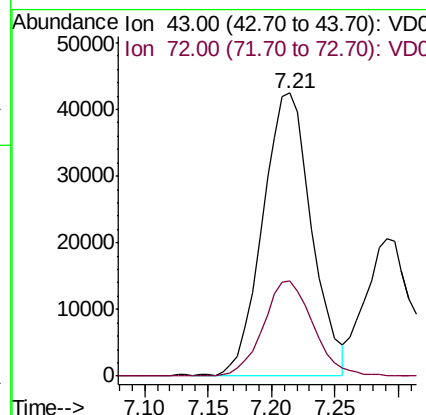
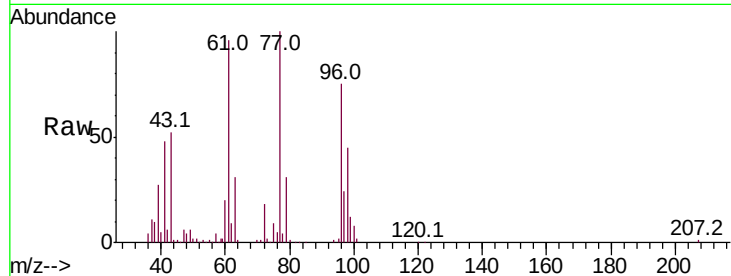
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 114006

Ion Ratio Lower Upper

43 100

72 33.8 26.4 39.6



#26

2,2-Dichloropropane

Concen: 47.159 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067533.D

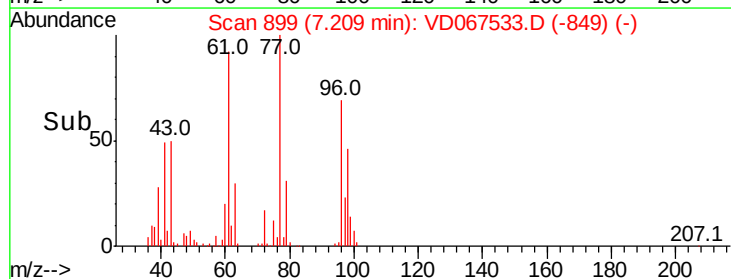
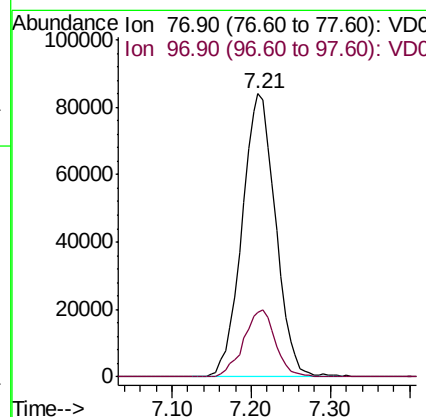
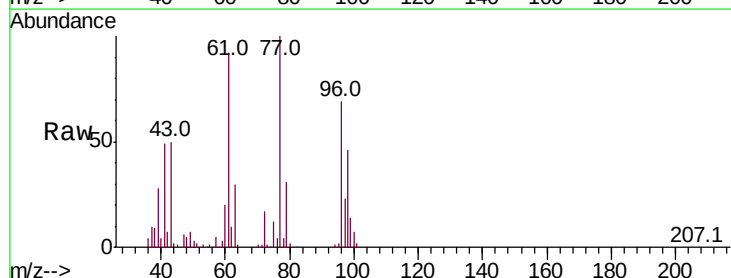
Acq: 05 Nov 2020 09:46

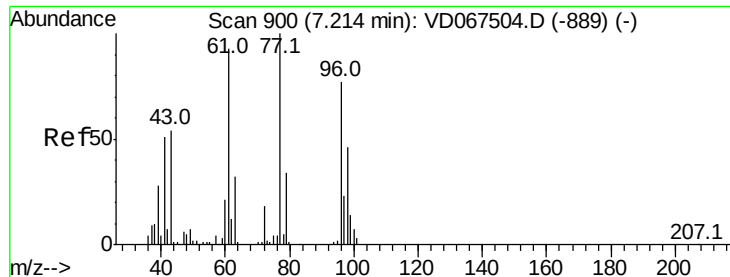
Tgt Ion: 77 Resp: 245981

Ion Ratio Lower Upper

77 100

97 22.5 11.1 33.3



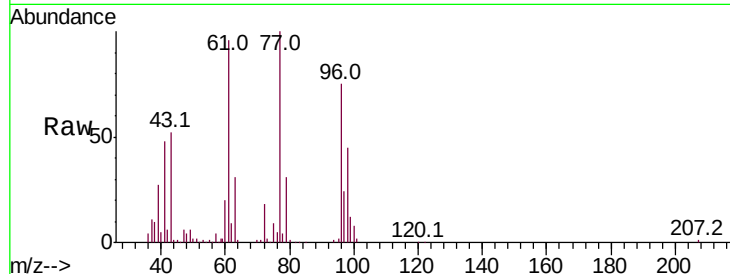


#27

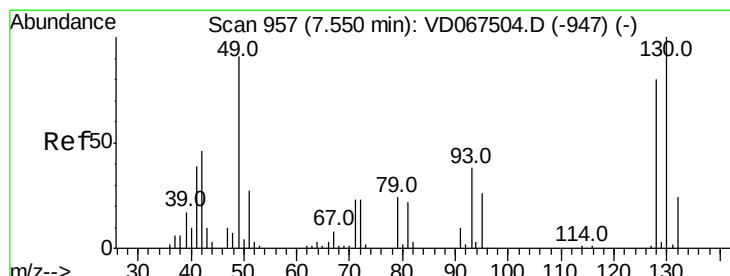
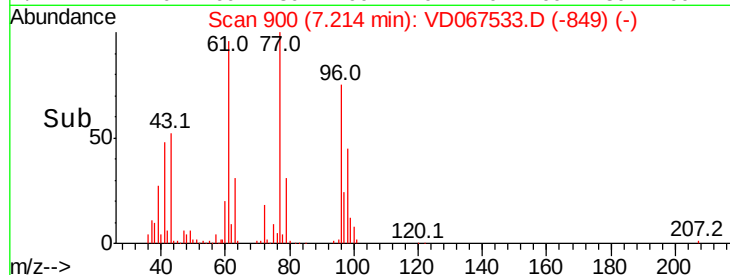
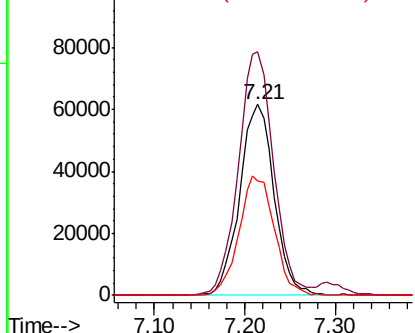
cis-1,2-Dichloroethene
Concen: 46.521 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067533.D
Acq: 05 Nov 2020 09:46

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 96 Resp: 162906
Ion Ratio Lower Upper
96 100
61 130.7 0.0 251.6
98 64.0 0.0 128.0



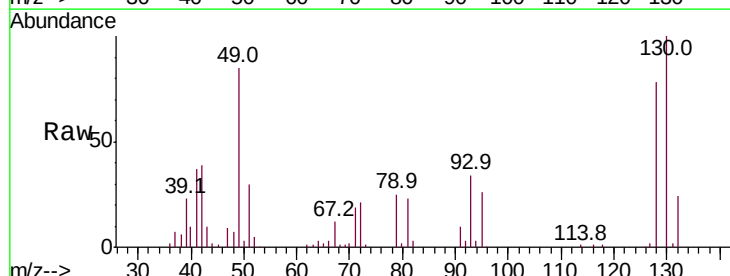
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



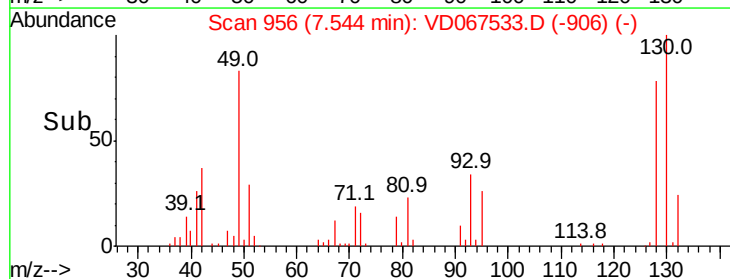
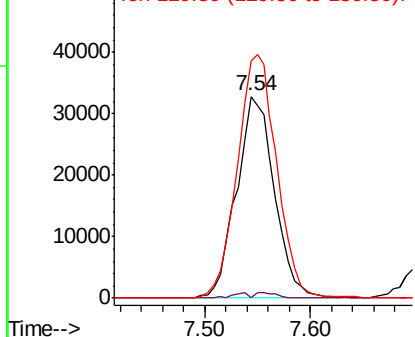
#28

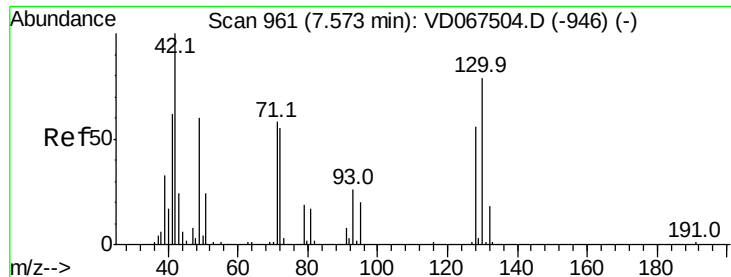
Bromochloromethane
Concen: 46.398 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD067533.D
Acq: 05 Nov 2020 09:46

Tgt Ion: 49 Resp: 81565
Ion Ratio Lower Upper
49 100
129 1.5 0.0 6.4
130 126.0 94.6 142.0



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): VDC
Ion 129.80 (129.50 to 130.50): VDC





#29

Tetrahydrofuran

Concen: 244.851 ug/l

RT: 7.57 min Scan# 960

Delta R.T. -0.01 min

Lab File: VD067533.D

Acq: 05 Nov 2020 09:46

Instrument :

MSVOA_D

ClientSampleId :

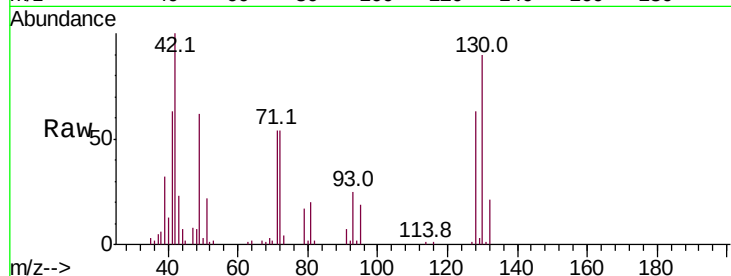
Tot Ion: 42 Resp: 71164

Ion Ratio Lower Upper

42 100

72 56.4 46.3 69.5

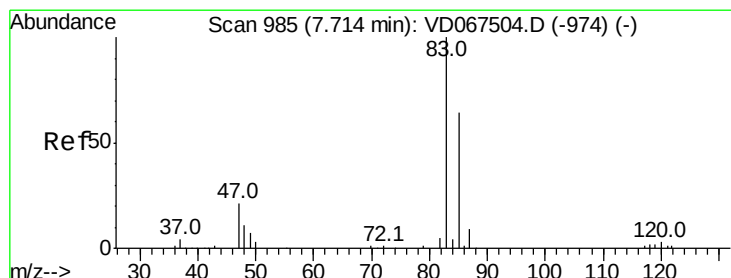
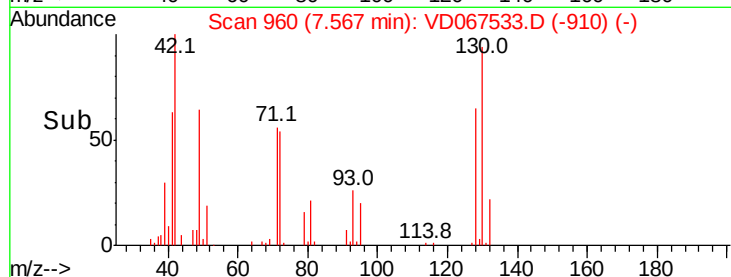
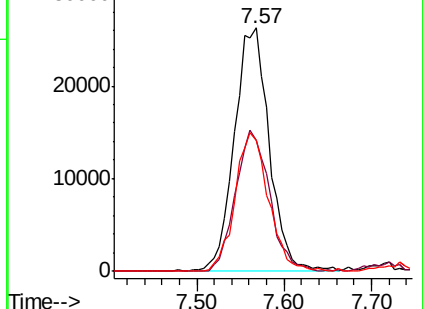
71 54.4 44.0 66.0



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 46.298 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD067533.D

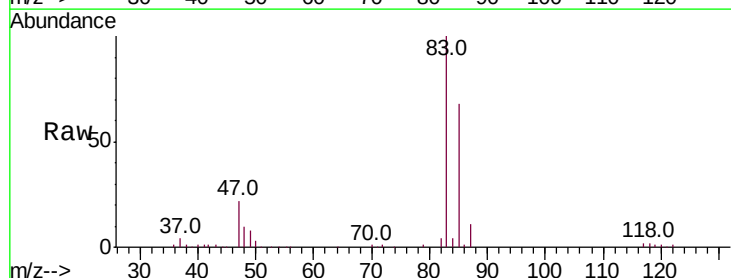
Acq: 05 Nov 2020 09:46

Tgt Ion: 83 Resp: 272973

Ion Ratio Lower Upper

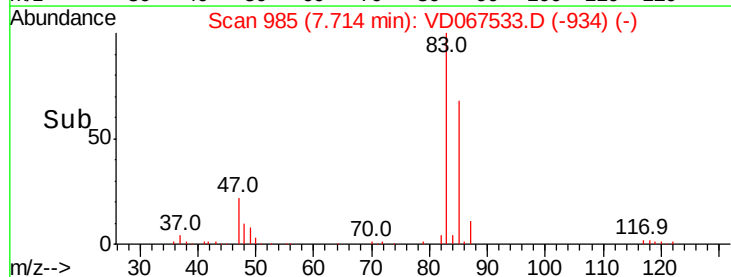
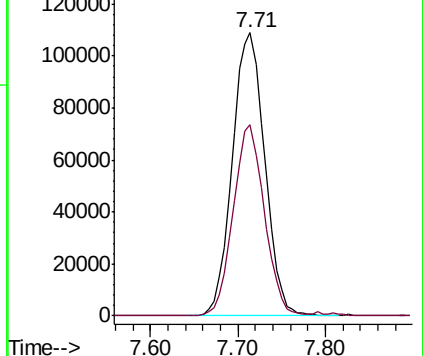
83 100

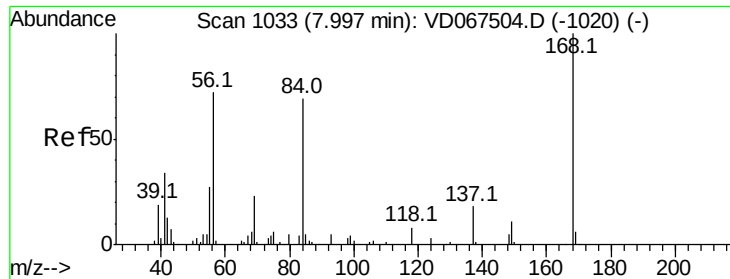
85 67.8 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

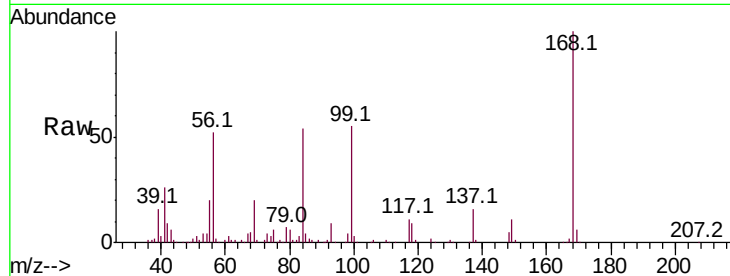




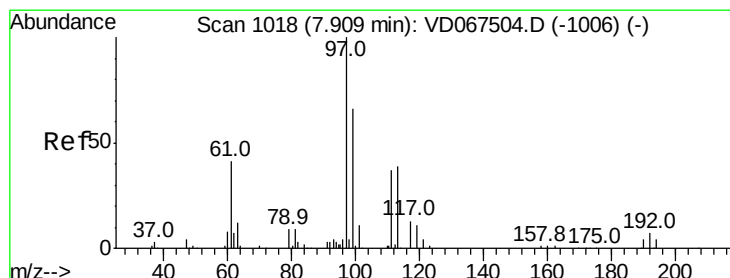
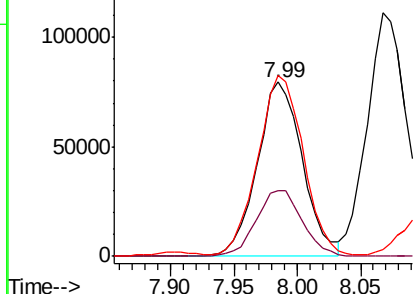
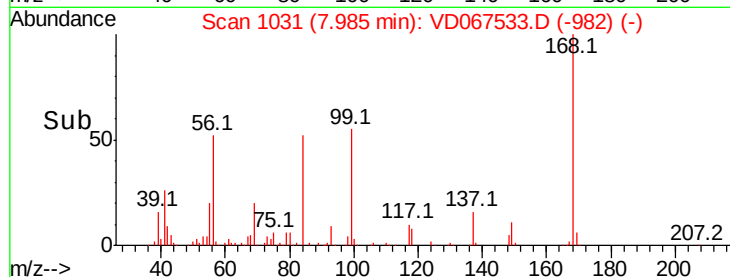
#31
Cyclohexane
Concen: 44.894 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VD067533.D
Acq: 05 Nov 2020 09:46

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 197582
Ion Ratio Lower Upper
56 100
69 37.7 25.9 38.9
84 102.3 76.2 114.4

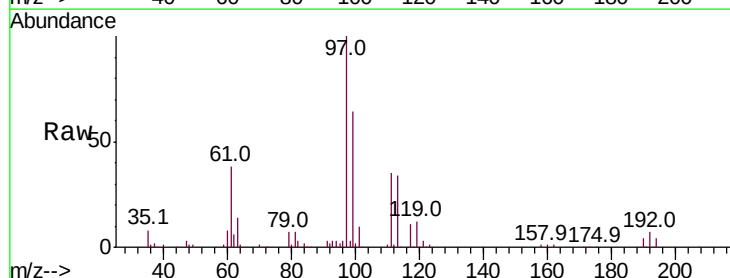


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

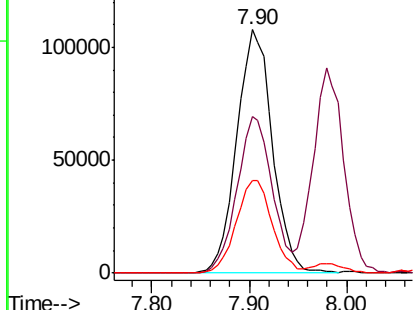
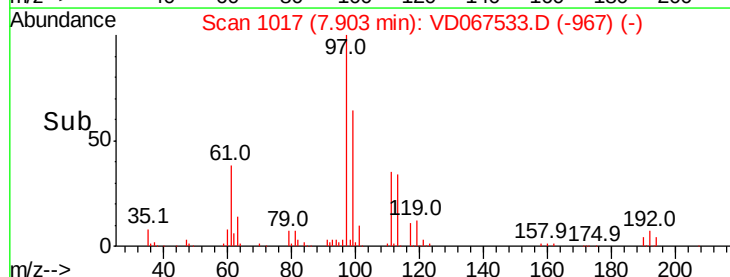


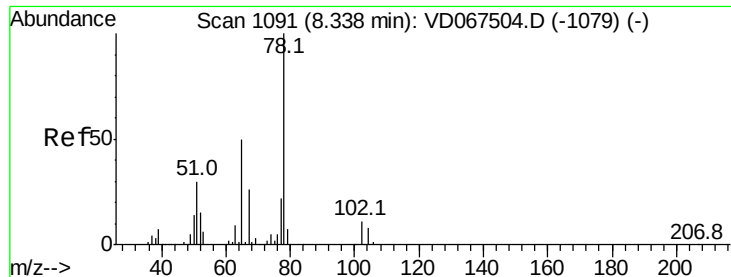
#32
1,1,1-Trichloroethane
Concen: 45.317 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD067533.D
Acq: 05 Nov 2020 09:46

Tgt Ion: 97 Resp: 275680
Ion Ratio Lower Upper
97 100
99 63.4 51.8 77.6
61 38.5 30.5 45.7



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC

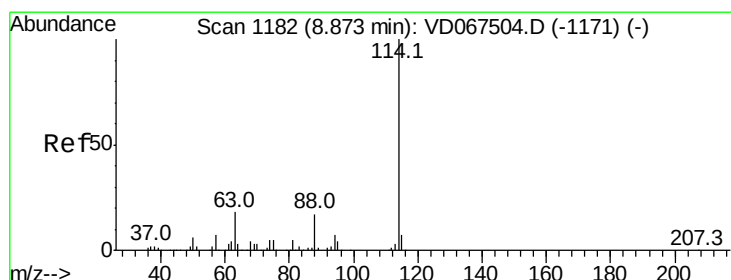
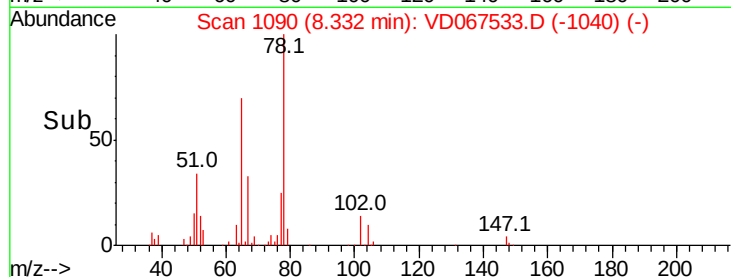
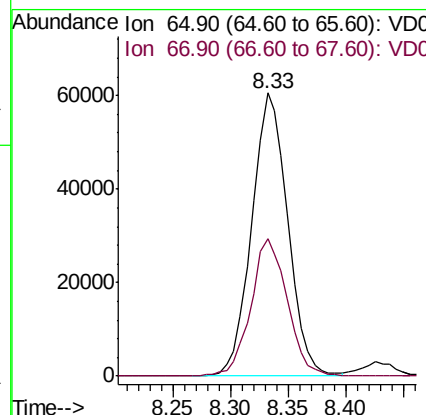
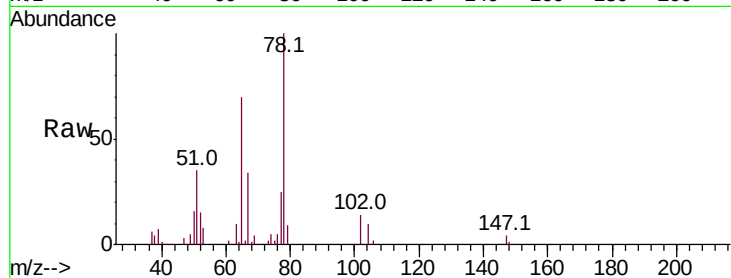




#33
 1,2-Dichloroethane-d4
 Concen: 43.411 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067533.D
 Acq: 05 Nov 2020 09:46

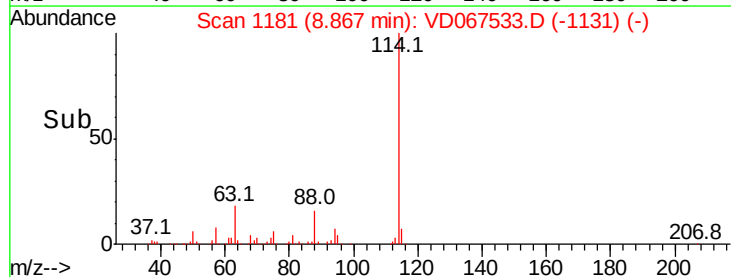
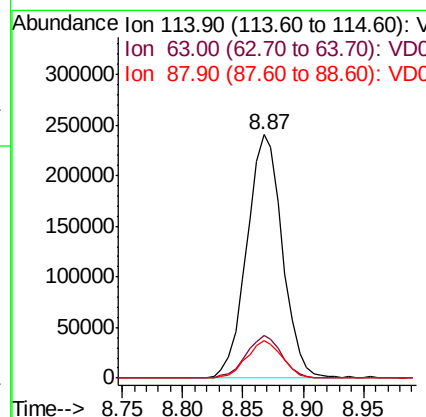
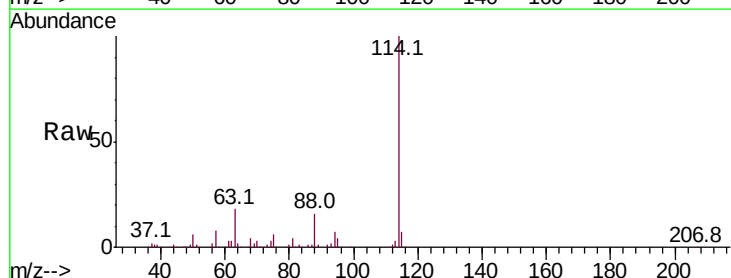
Instrument :
 MSVOA_D
 ClientSampleId :

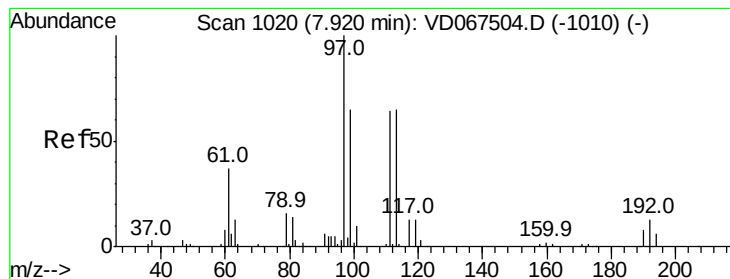
Tot Ion: 65 Resp: 131730
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067533.D
 Acq: 05 Nov 2020 09:46

Tgt Ion: 114 Resp: 491817
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 35.0
 88 15.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 45.365 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD067533.D

Acq: 05 Nov 2020 09:46

Instrument :

MSVOA_D

ClientSampleId :

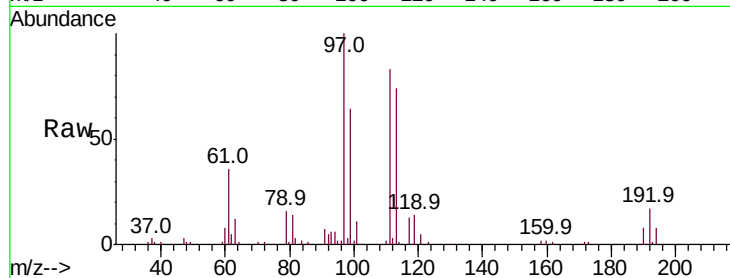
Tot Ion:113 Resp: 134426

Ion Ratio Lower Upper

113 100

111 101.9 80.0 120.0

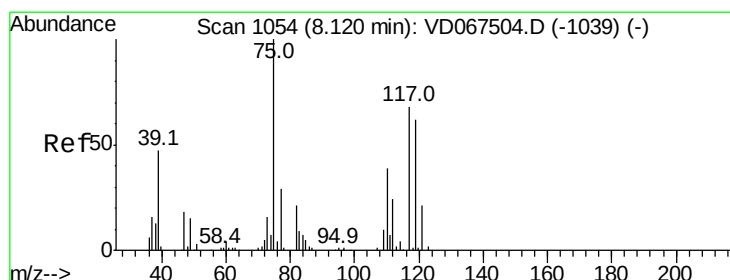
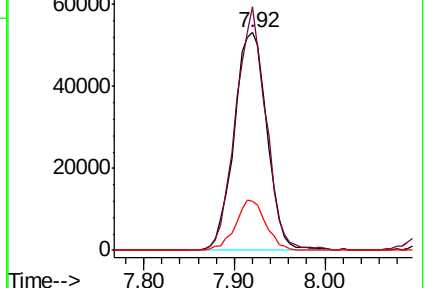
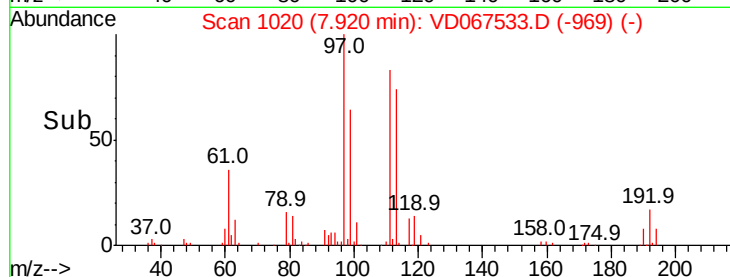
192 21.3 16.3 24.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.951 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VD067533.D

Acq: 05 Nov 2020 09:46

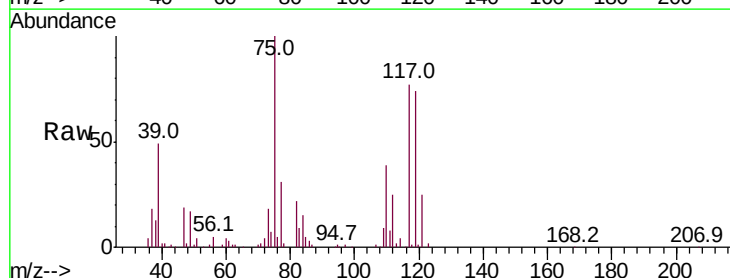
Tgt Ion: 75 Resp: 201868

Ion Ratio Lower Upper

75 100

110 40.0 19.9 59.7

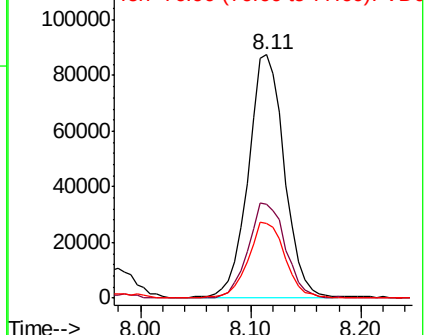
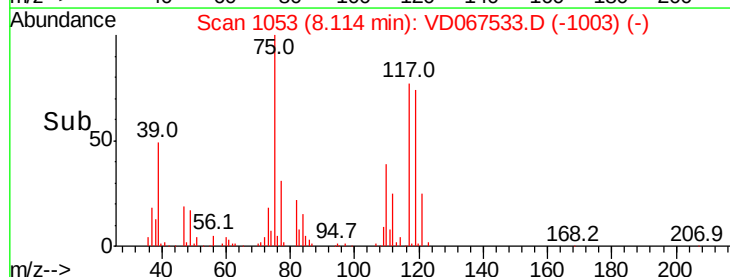
77 31.8 24.8 37.2

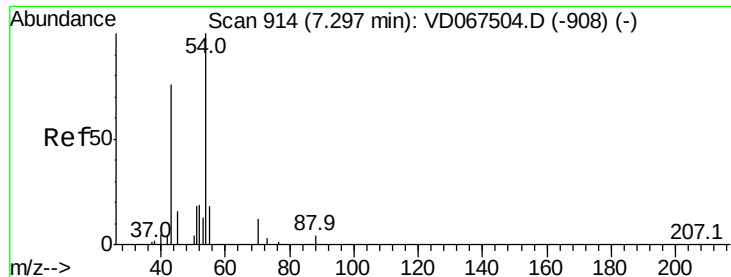


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

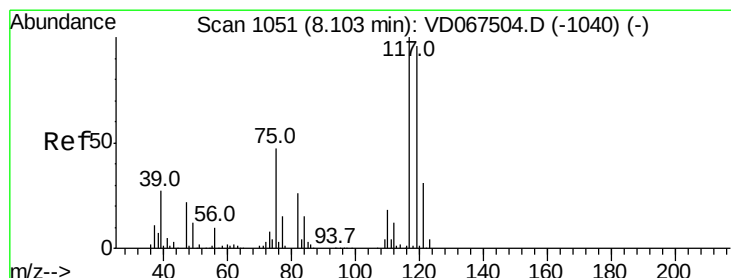
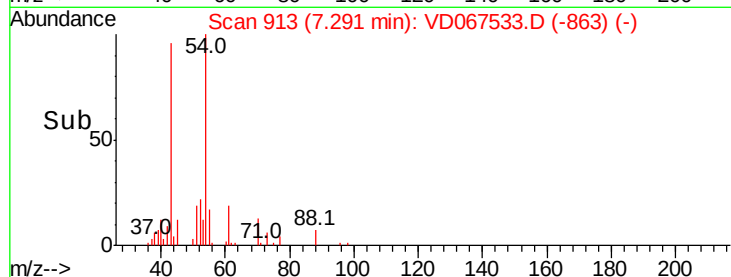
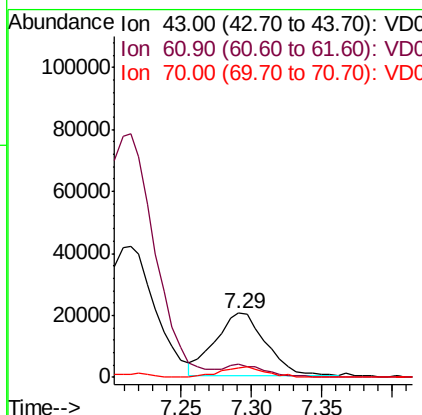
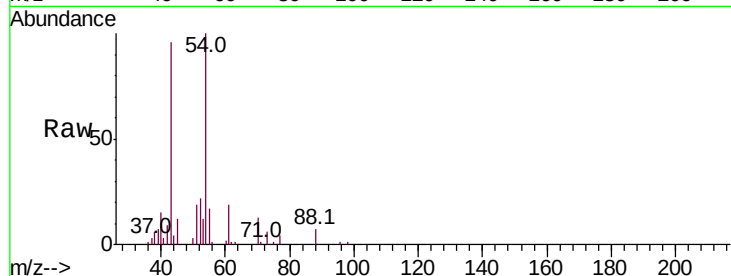




#37
Ethyl Acetate
Concen: 46.289 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067533.D
Acq: 05 Nov 2020 09:46

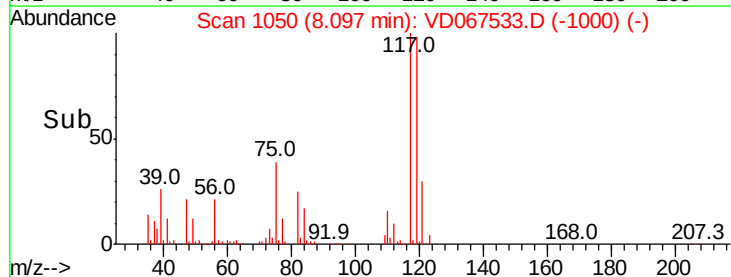
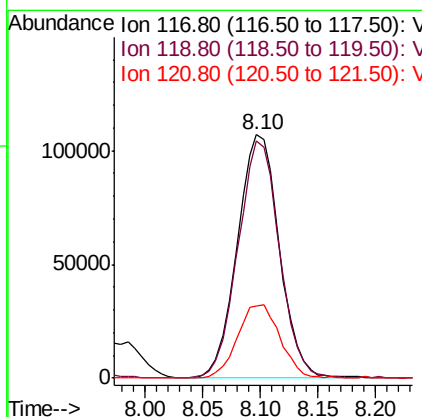
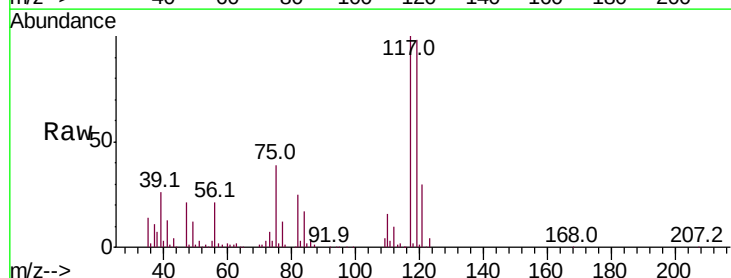
Instrument :
MSVOA_D
ClientSampleId :

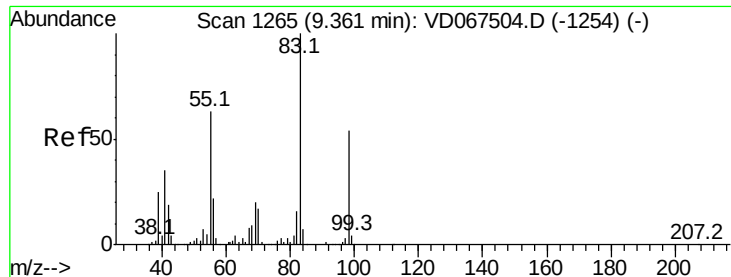
Tot Ion: 43 Resp: 50592
Ion Ratio Lower Upper
43 100
61 17.2 12.8 19.2
70 15.1 11.7 17.5



#38
Carbon Tetrachloride
Concen: 49.165 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067533.D
Acq: 05 Nov 2020 09:46

Tgt Ion: 117 Resp: 268922
Ion Ratio Lower Upper
117 100
119 97.7 76.9 115.3
121 29.7 24.5 36.7





#39

Methylvlcyclohexane

Concen: 50.846 ug/l

RT: 9.36 min Scan# 1264

Delta R.T. -0.01 min

Lab File: VD067533.D

Acq: 05 Nov 2020 09:46

Instrument :

MSVOA_D

ClientSampleId :

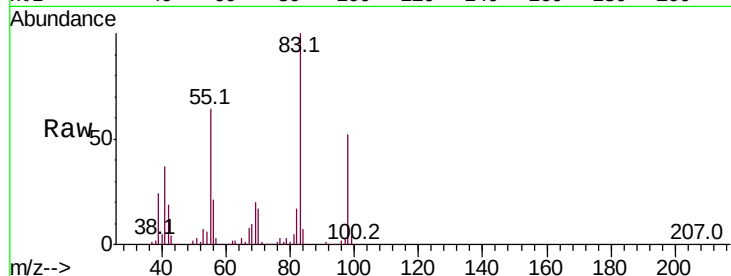
Tot Ion: 83 Resp: 251939

Ion Ratio Lower Upper

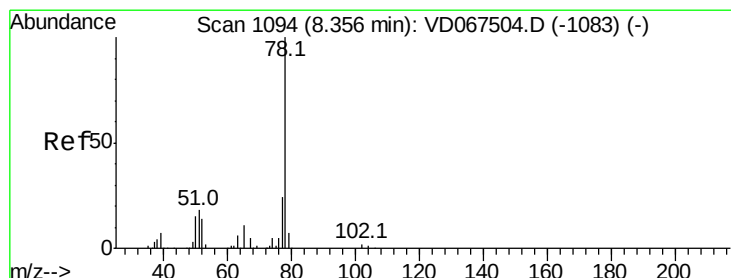
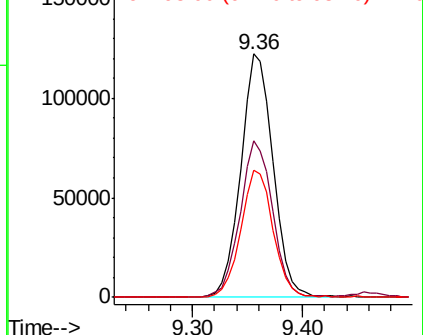
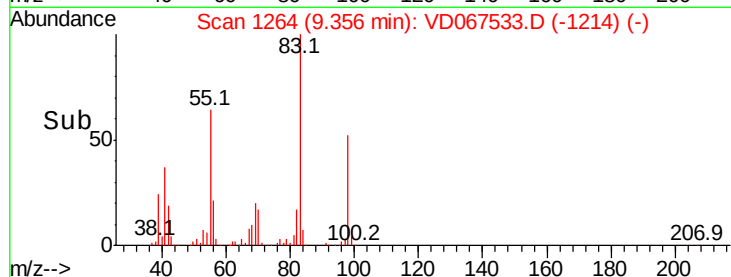
83 100

55 64.2 50.5 75.7

98 52.2 43.4 65.0



Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC



#40

Benzene

Concen: 48.817 ug/l

RT: 8.36 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VD067533.D

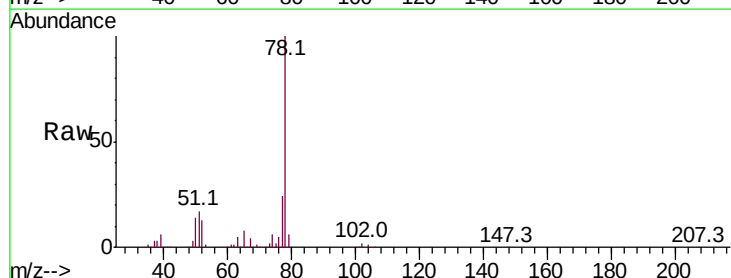
Acq: 05 Nov 2020 09:46

Tgt Ion: 78 Resp: 556688

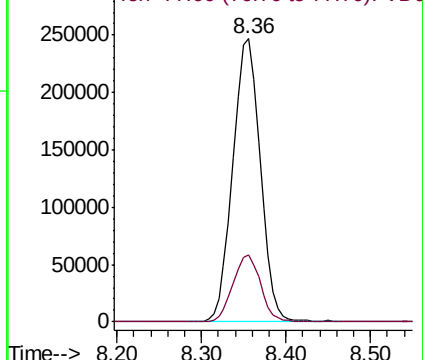
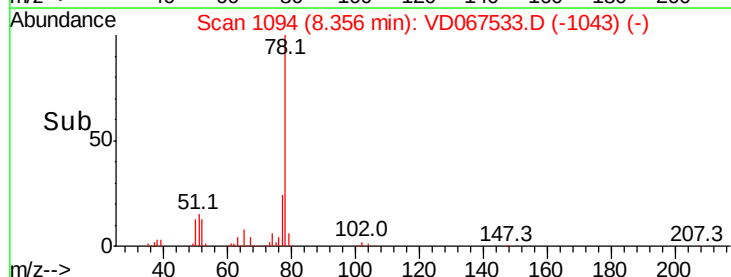
Ion Ratio Lower Upper

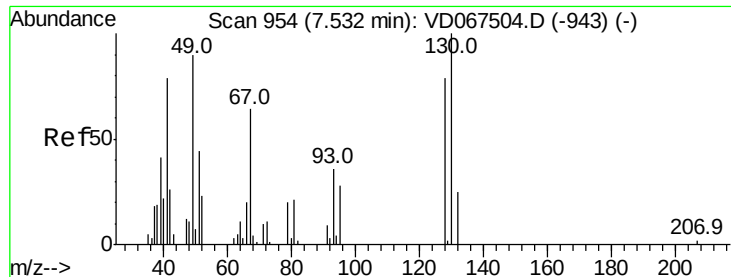
78 100

77 23.8 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC





#41

Methacrylonitrile

Concen: 40.175 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD067533.D

Acq: 05 Nov 2020 09:46

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 41 Resp: 26247

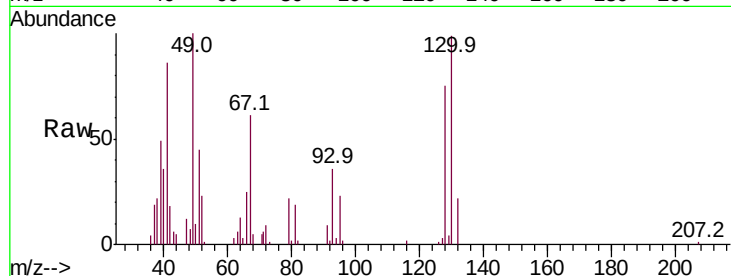
Ion Ratio Lower Upper

41 100

39 0.0 51.3 76.9#

67 103.3 78.9 118.3

52 47.3 31.4 47.2#

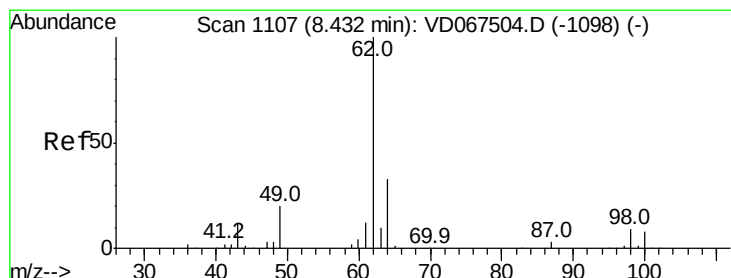
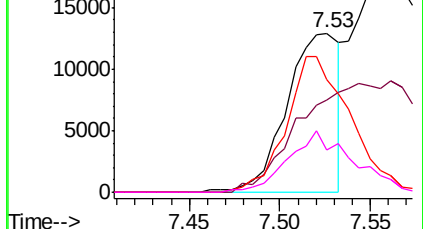
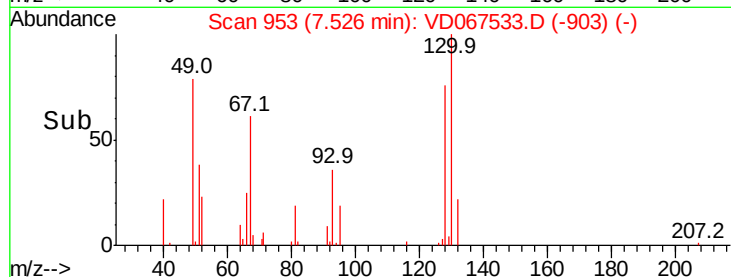


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 47.826 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VD067533.D

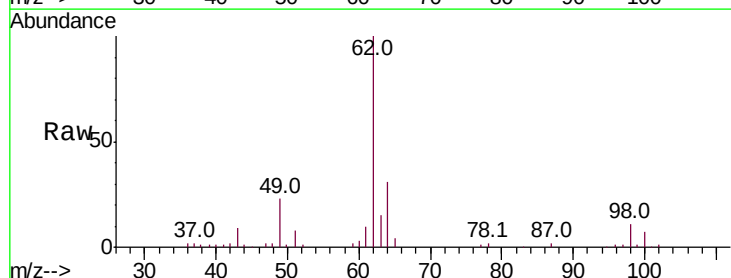
Acq: 05 Nov 2020 09:46

Tgt Ion: 62 Resp: 168505

Ion Ratio Lower Upper

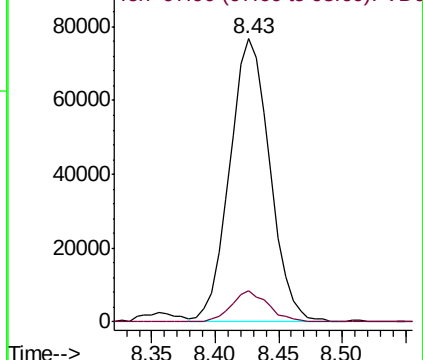
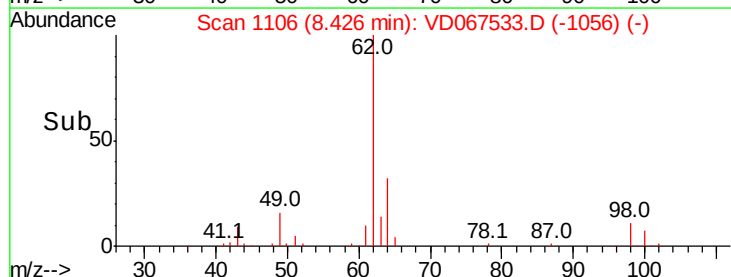
62 100

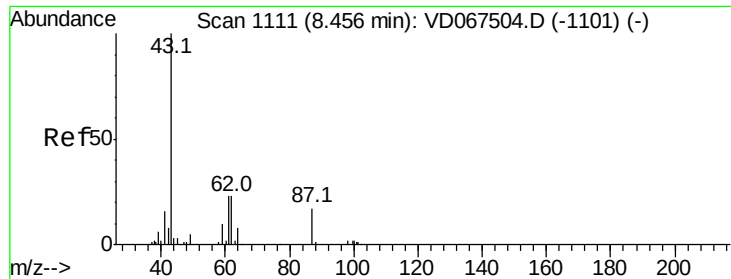
98 10.0 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 47.107 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD067533.D

Acq: 05 Nov 2020 09:46

Instrument :

MSVOA_D

ClientSampleId :

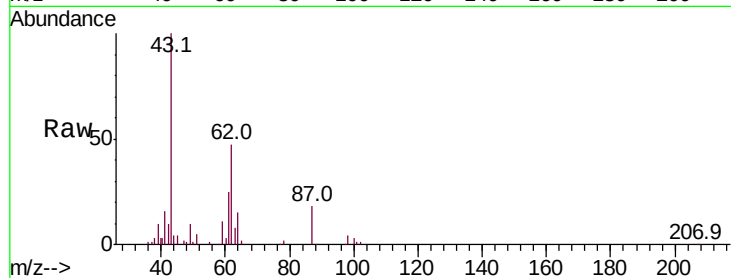
Tot Ion: 43 Resp: 101823

Ion Ratio Lower Upper

43 100

61 38.7 30.5 45.7

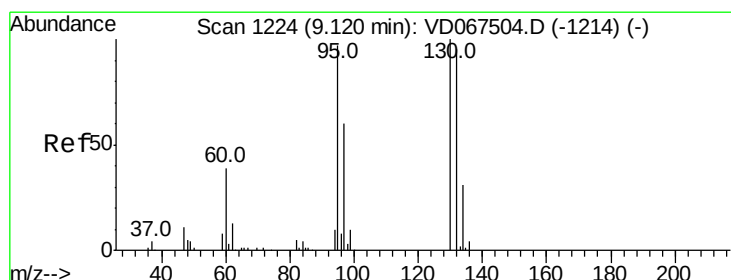
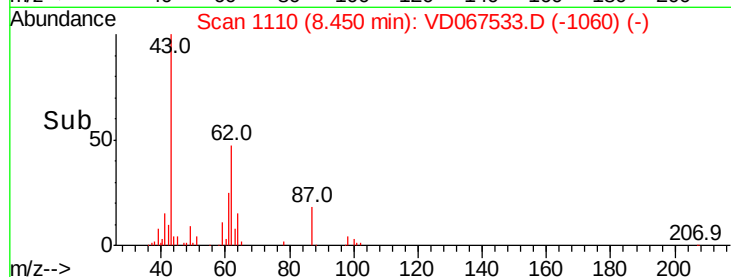
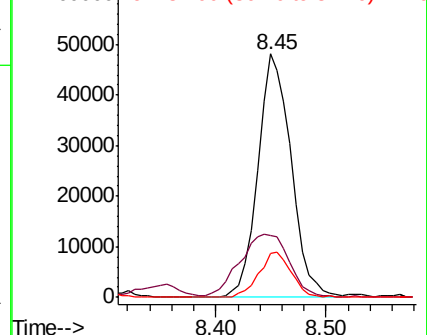
87 18.0 14.7 22.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 47.728 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VD067533.D

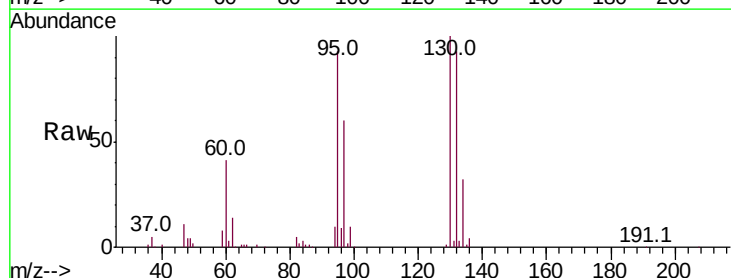
Acq: 05 Nov 2020 09:46

Tgt Ion:130 Resp: 178961

Ion Ratio Lower Upper

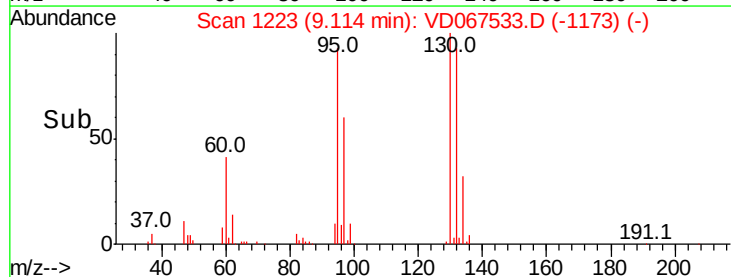
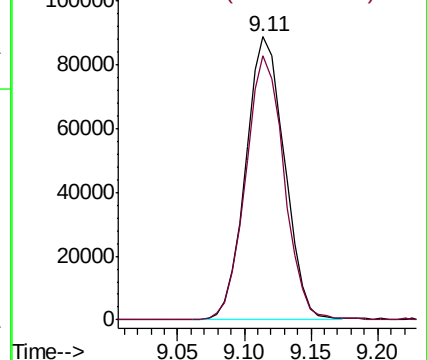
130 100

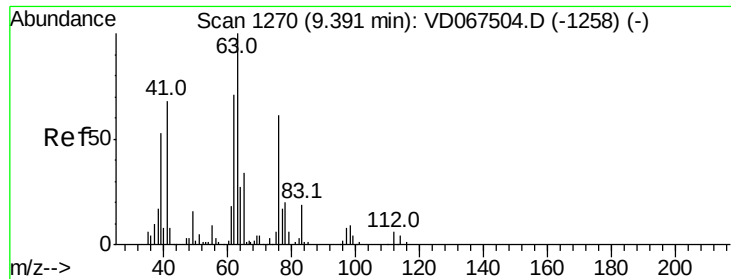
95 93.5 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

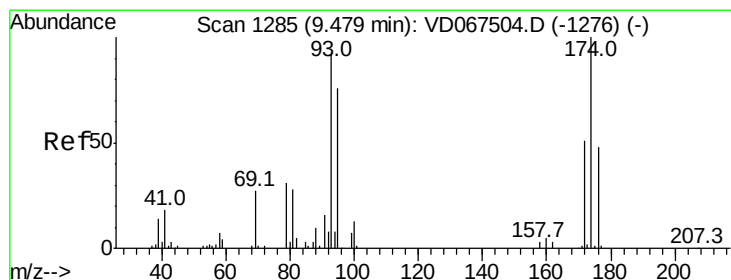
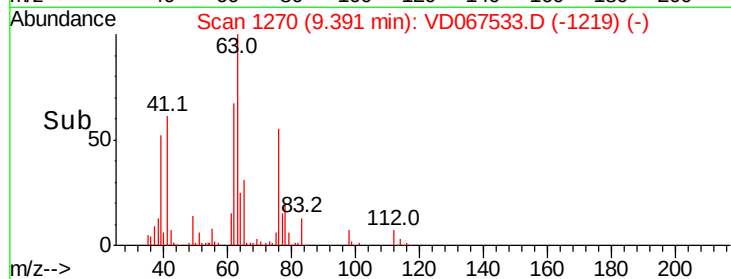
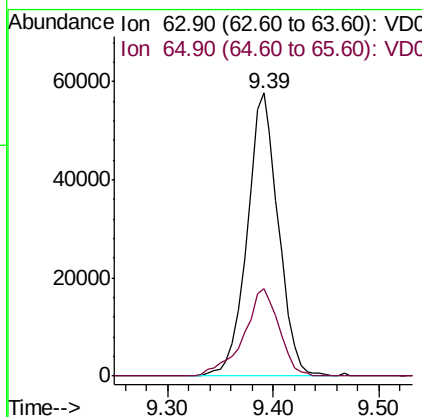
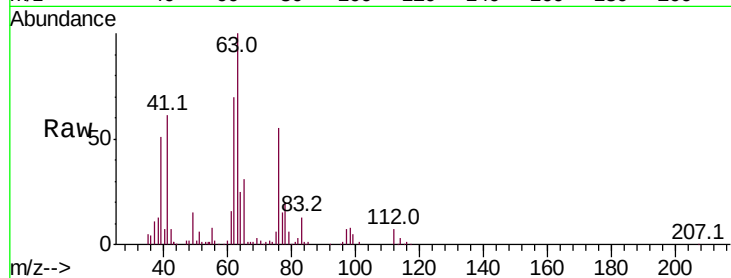




#45
 1,2-Dichloropropane
 Concen: 47.849 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD067533.D
 Acq: 05 Nov 2020 09:46

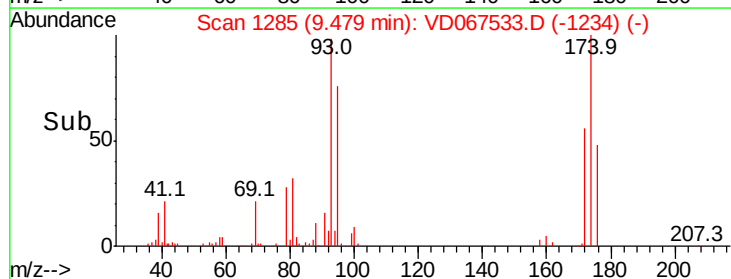
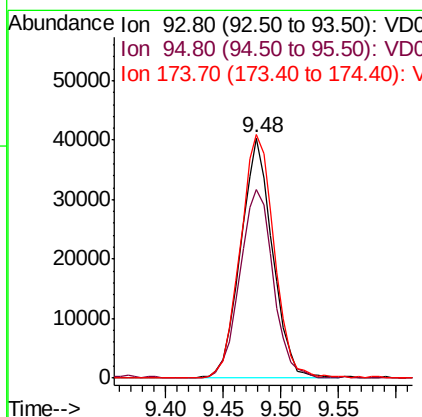
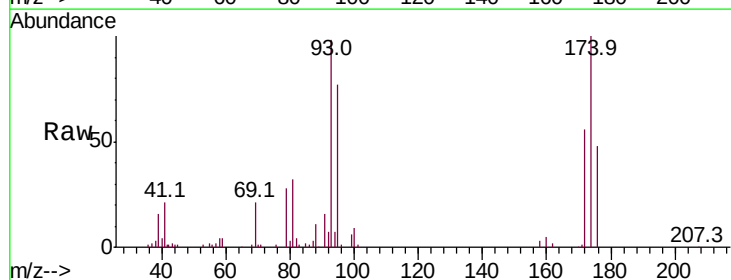
Instrument :
 MSVOA_D
 ClientSampleId :

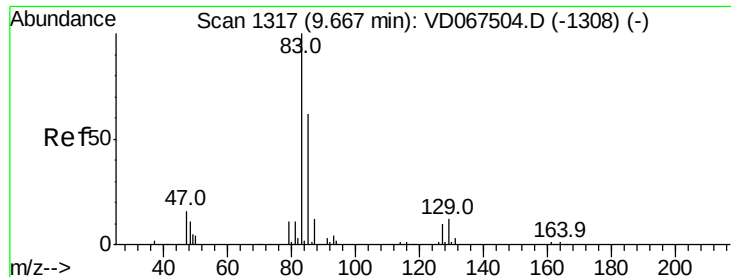
Tot Ion: 63 Resp: 117974
 Ion Ratio Lower Upper
 63 100
 65 30.8 26.9 40.3



#46
 Dibromomethane
 Concen: 49.225 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067533.D
 Acq: 05 Nov 2020 09:46

Tgt Ion: 93 Resp: 77167
 Ion Ratio Lower Upper
 93 100
 95 82.3 66.4 99.6
 174 108.1 88.2 132.4





#47

Bromodichloromethane

Concen: 49.113 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067533.D

Acq: 05 Nov 2020 09:46

Instrument :

MSVOA_D

ClientSampled :

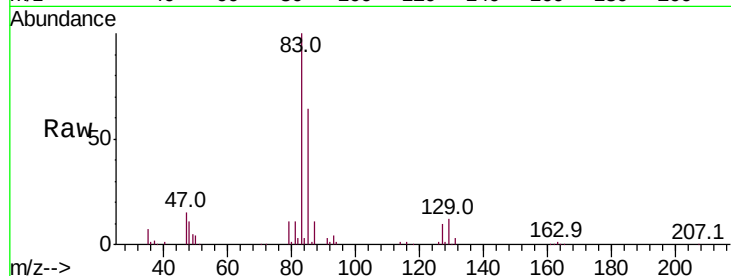
Tot Ion: 83 Resp: 209264

Ion Ratio Lower Upper

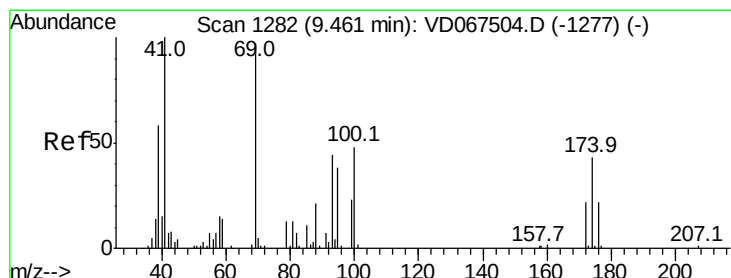
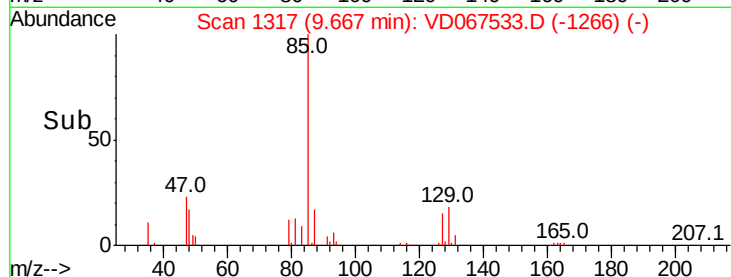
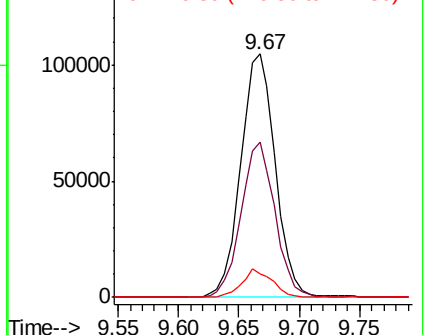
83 100

85 63.8 49.4 74.2

127 9.7 7.7 11.5



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 50.480 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067533.D

Acq: 05 Nov 2020 09:46

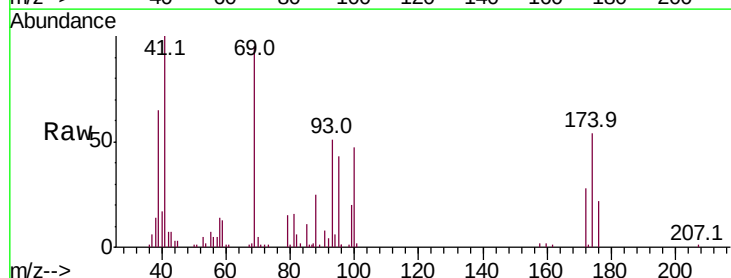
Tgt Ion: 41 Resp: 56338

Ion Ratio Lower Upper

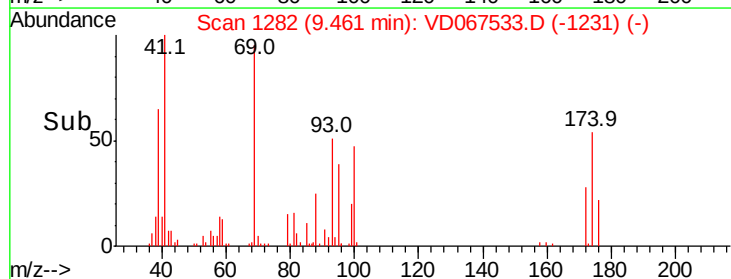
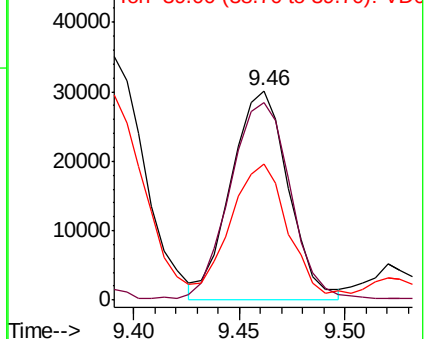
41 100

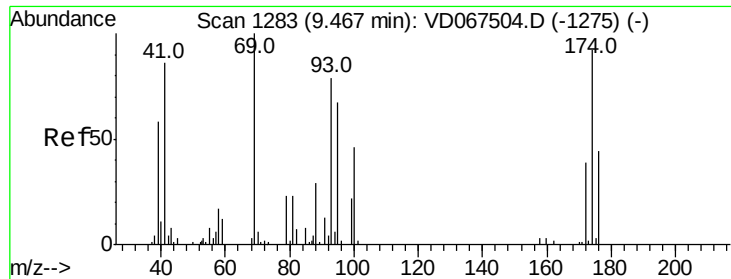
69 101.5 80.6 121.0

39 59.7 50.2 75.4



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

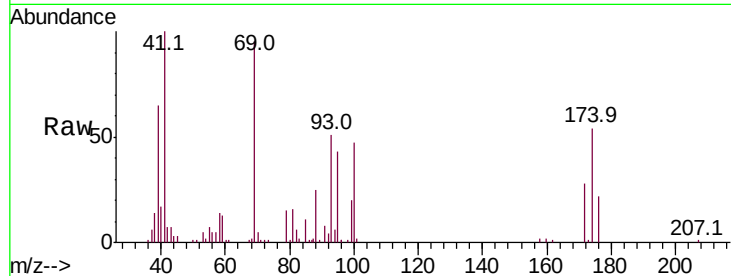




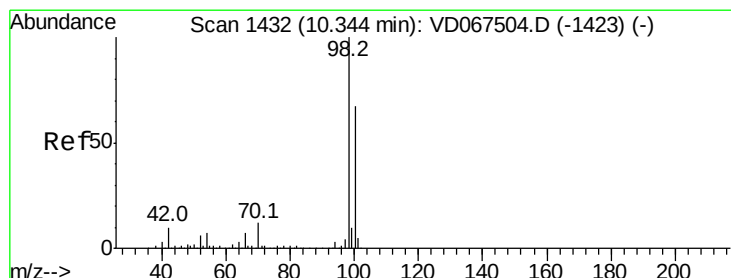
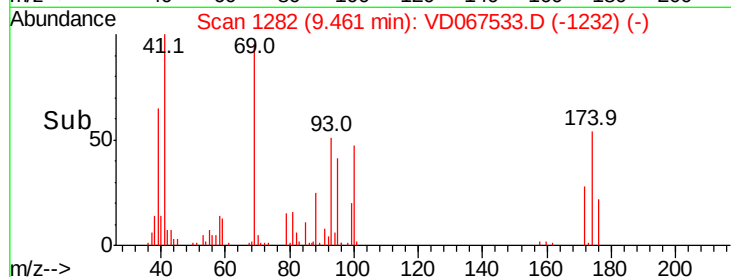
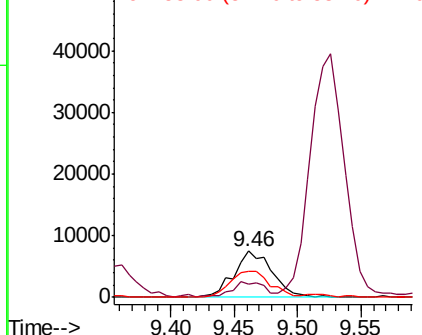
#49
 1,4-Dioxane
 Concen: 984.648 ug/l
 RT: 9.46 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: VD067533.D
 Acq: 05 Nov 2020 09:46

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion: 88 Resp: 15670
 Ion Ratio Lower Upper
 88 100
 43 28.3 23.6 35.4
 58 59.1 44.7 67.1

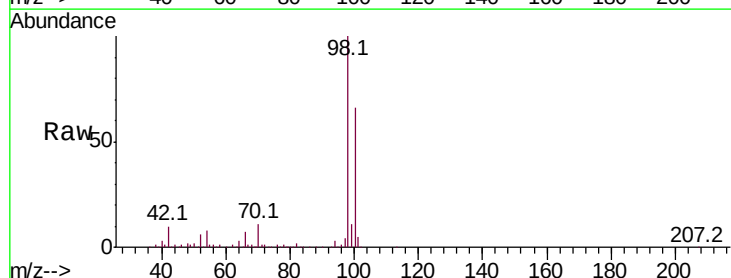


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC

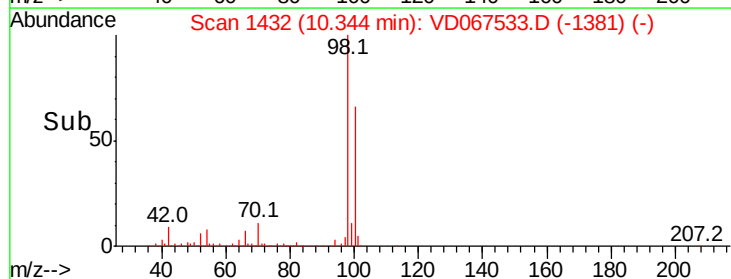
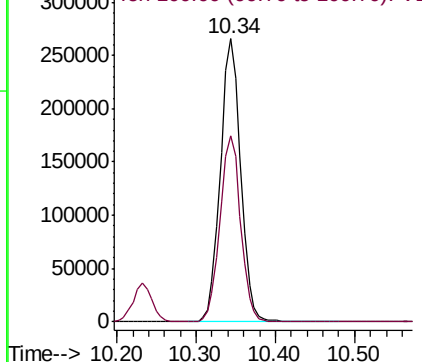


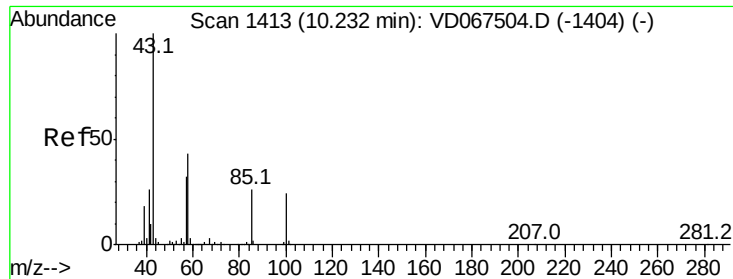
#50
 Toluene-d8
 Concen: 45.328 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD067533.D
 Acq: 05 Nov 2020 09:46

Tgt Ion: 98 Resp: 472015
 Ion Ratio Lower Upper
 98 100
 100 66.7 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VDC

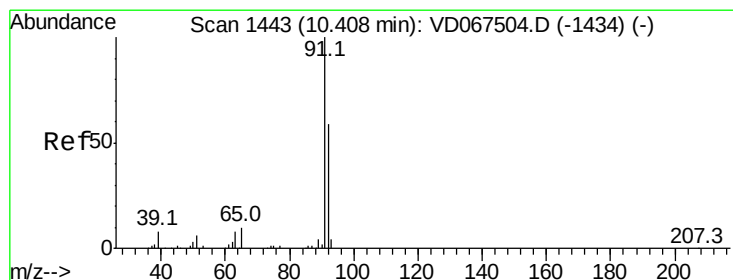
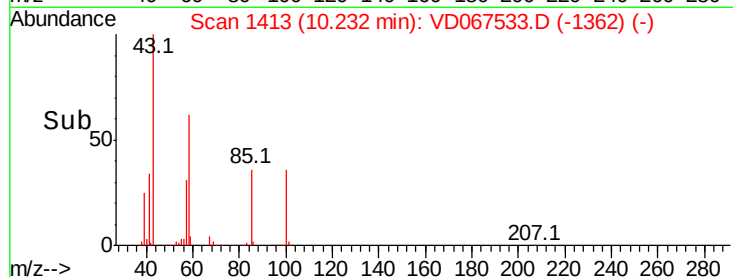
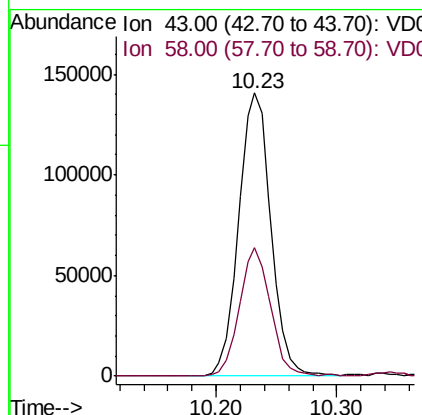
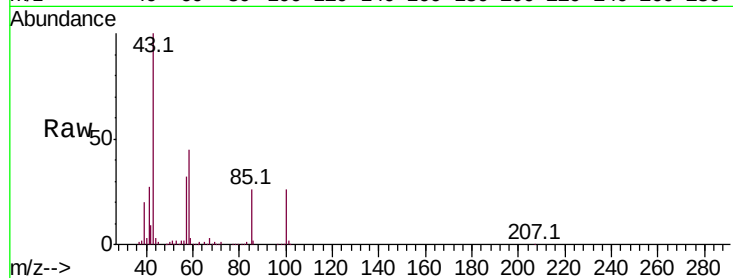




#51
4-Methyl-2-Pentanone
Concen: 252.912 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD067533.D
Acq: 05 Nov 2020 09:46

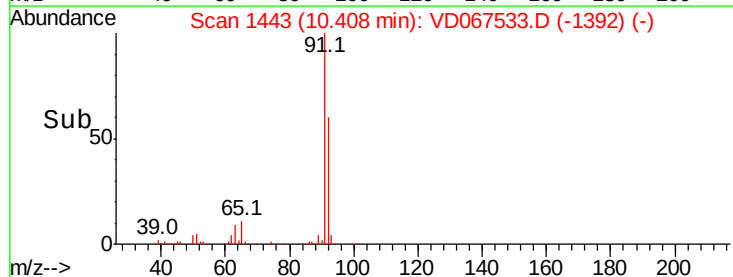
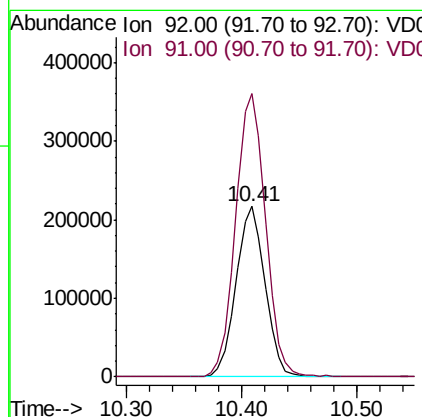
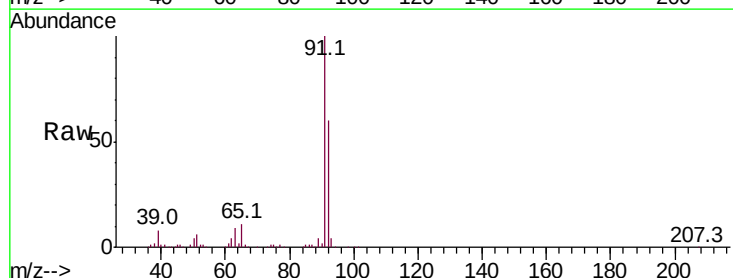
Instrument :
MSVOA_D
ClientSampleId :

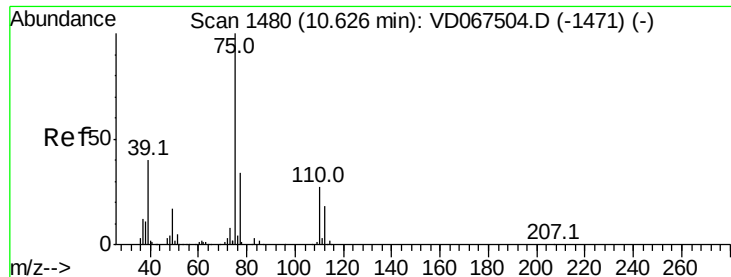
Tot Ion: 43 Resp: 261451
Ion Ratio Lower Upper
43 100
58 43.5 35.6 53.4



#52
Toluene
Concen: 49.546 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD067533.D
Acq: 05 Nov 2020 09:46

Tgt Ion: 92 Resp: 378438
Ion Ratio Lower Upper
92 100
91 172.1 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 49.115 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD067533.D

Acq: 05 Nov 2020 09:46

Instrument :

MSVOA_D

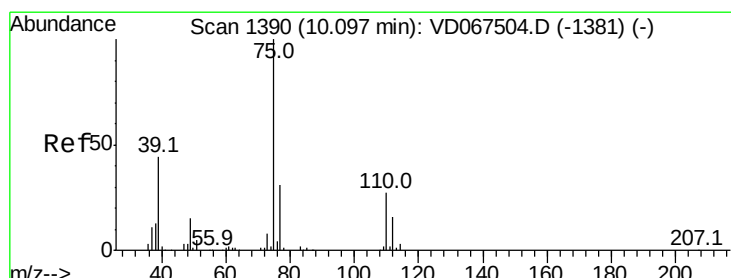
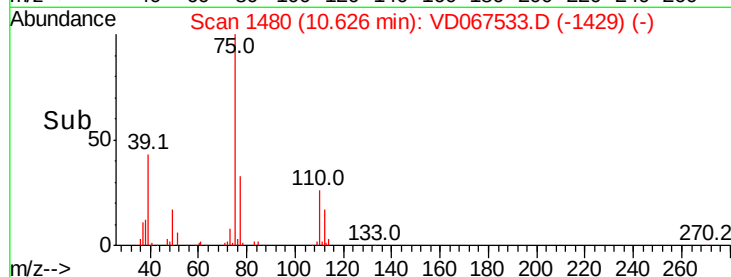
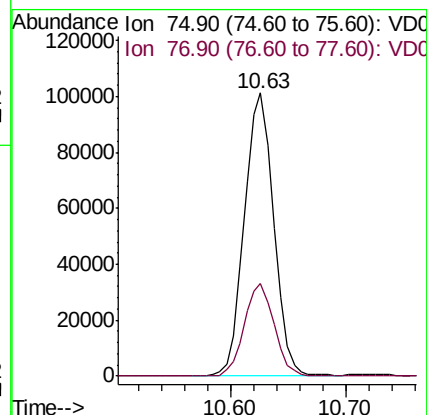
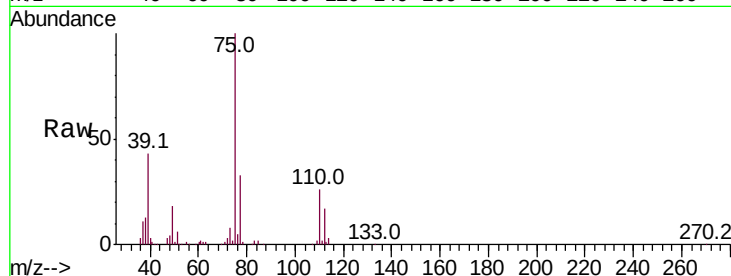
ClientSampleId :

Tot Ion: 75 Resp: 179235

Ion Ratio Lower Upper

75 100

77 32.9 27.0 40.6



#54

cis-1,3-Dichloropropene

Concen: 47.016 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD067533.D

Acq: 05 Nov 2020 09:46

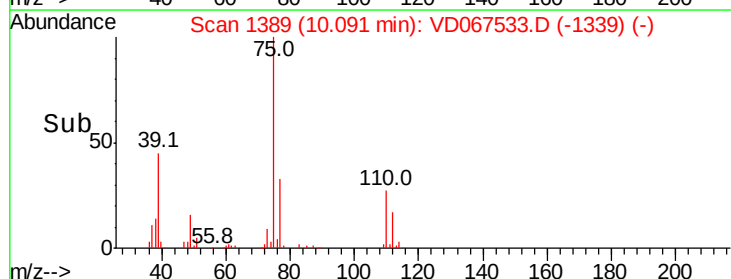
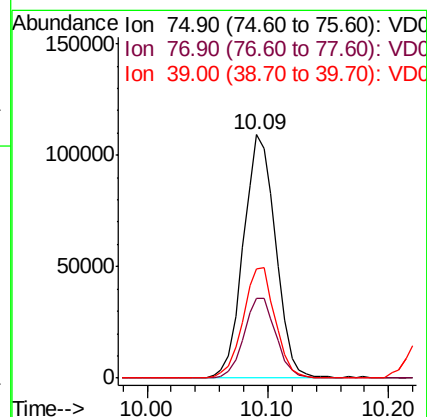
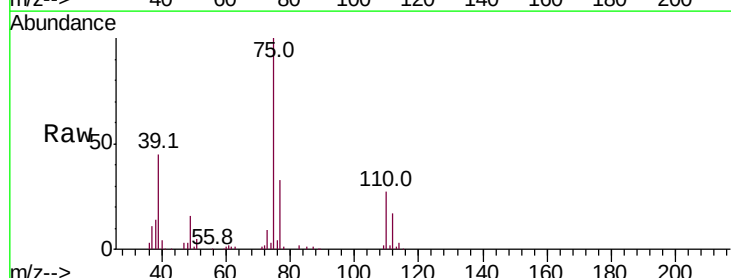
Tgt Ion: 75 Resp: 203847

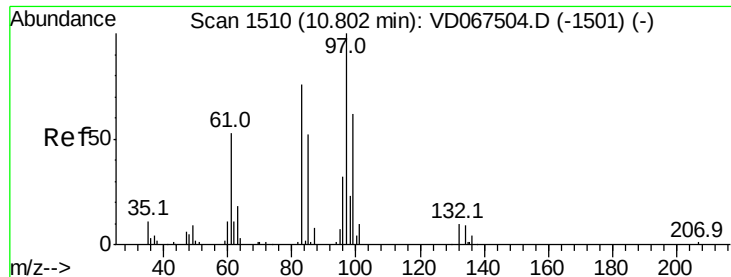
Ion Ratio Lower Upper

75 100

77 32.6 24.4 36.6

39 44.5 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 48.274 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD067533.D

Acq: 05 Nov 2020 09:46

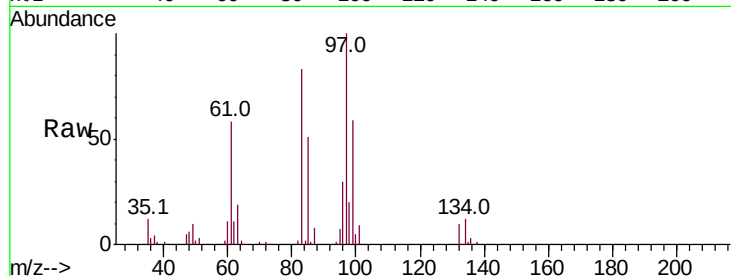
Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 97 Resp: 100129

Ion	Ratio	Lower	Upper
97	100		
83	83.1	61.0	91.6
85	51.2	41.5	62.3
99	58.6	49.4	74.2

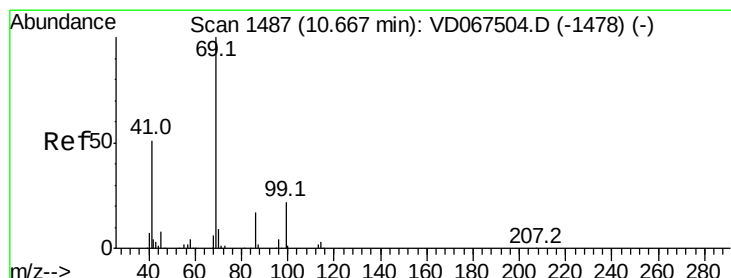
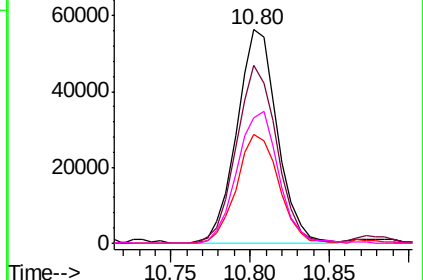
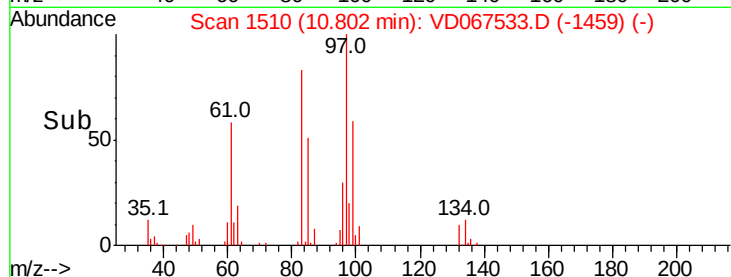


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 49.929 ug/l

RT: 10.66 min Scan# 1486

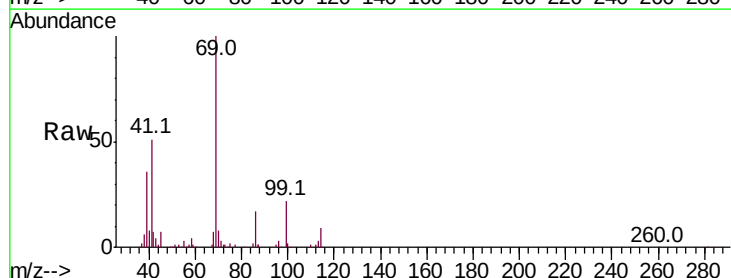
Delta R.T. -0.01 min

Lab File: VD067533.D

Acq: 05 Nov 2020 09:46

Tgt Ion: 69 Resp: 106945

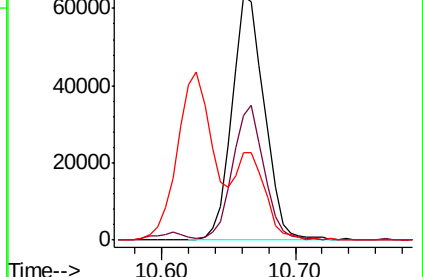
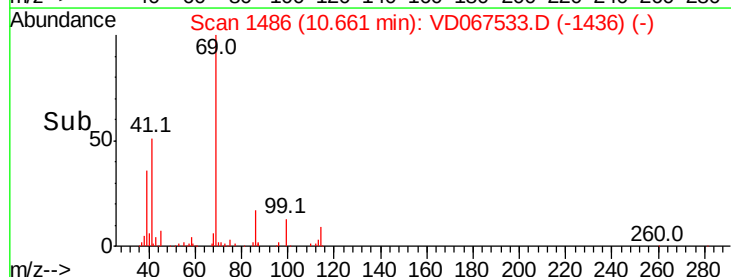
Ion	Ratio	Lower	Upper
69	100		
41	54.0	45.4	68.0
39	31.8	27.4	41.0

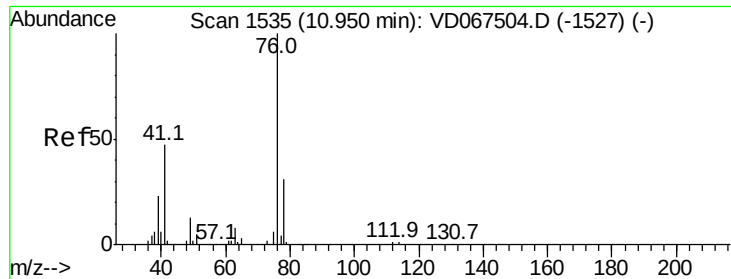


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 48.749 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067533.D

Acq: 05 Nov 2020 09:46

Instrument :

MSVOA_D

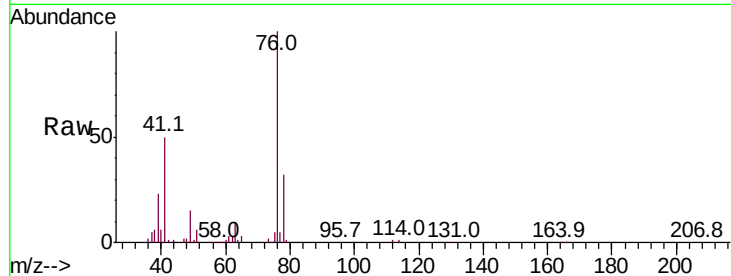
ClientSampled :

Tot Ion: 76 Resp: 162713

Ion Ratio Lower Upper

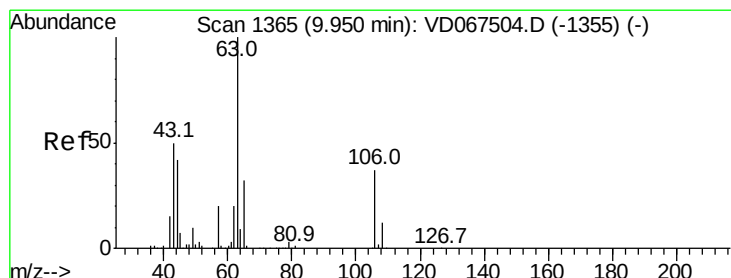
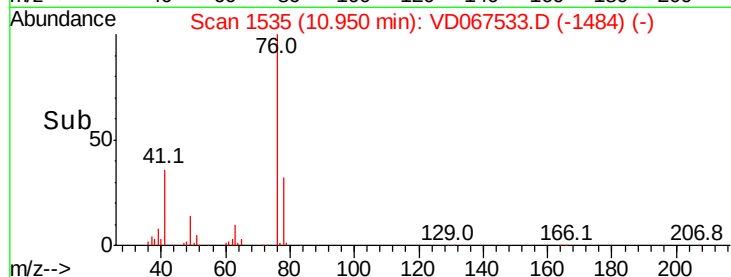
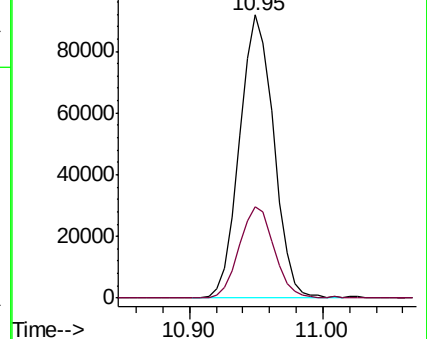
76 100

78 33.0 26.1 39.1



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: 248.236 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.01 min

Lab File: VD067533.D

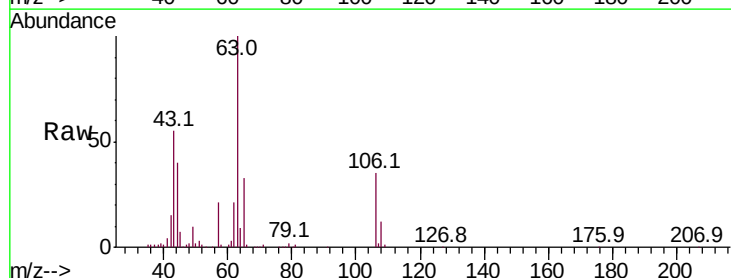
Acq: 05 Nov 2020 09:46

Tgt Ion: 63 Resp: 247952

Ion Ratio Lower Upper

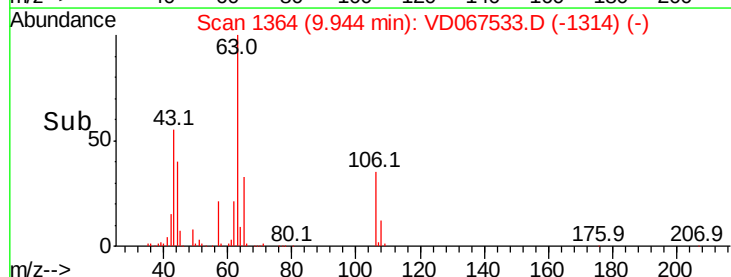
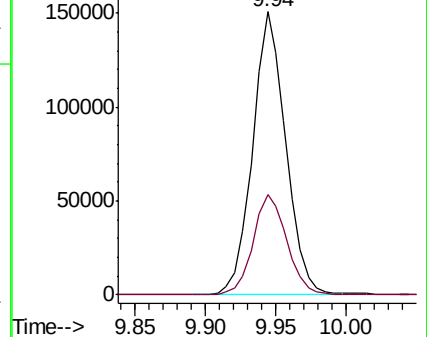
63 100

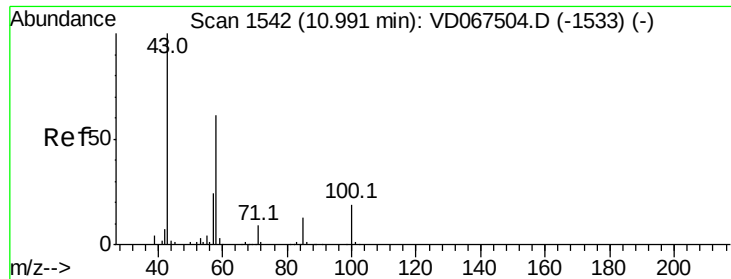
106 36.2 29.2 43.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

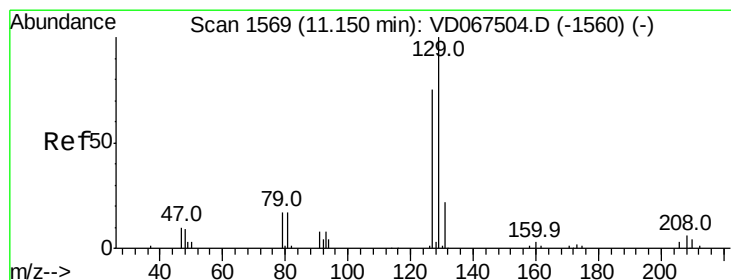
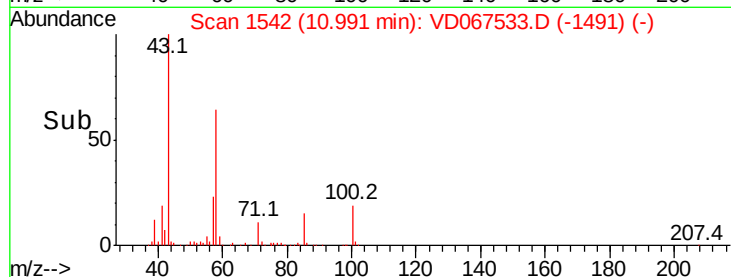
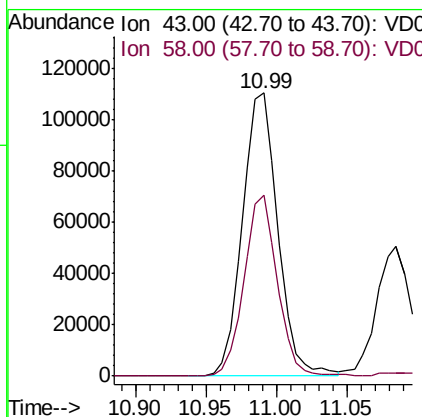
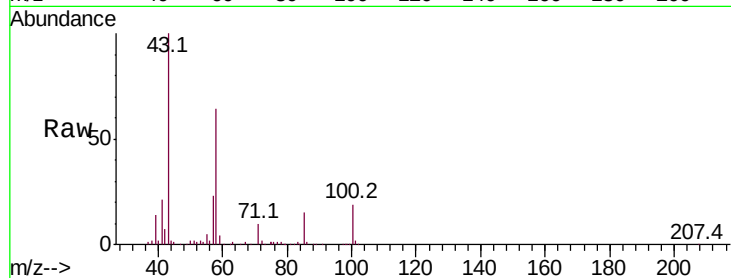




#59
2-Hexanone
Concen: 269.500 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067533.D
Acq: 05 Nov 2020 09:46

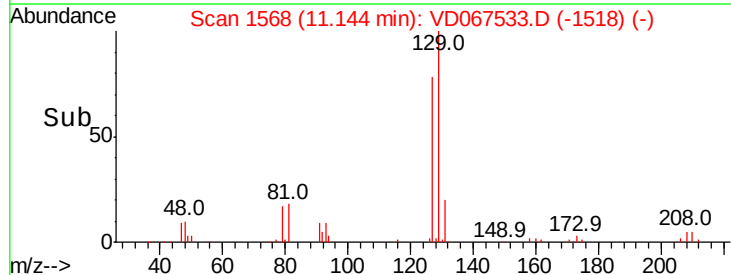
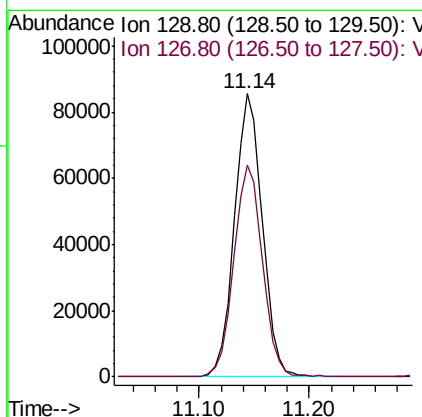
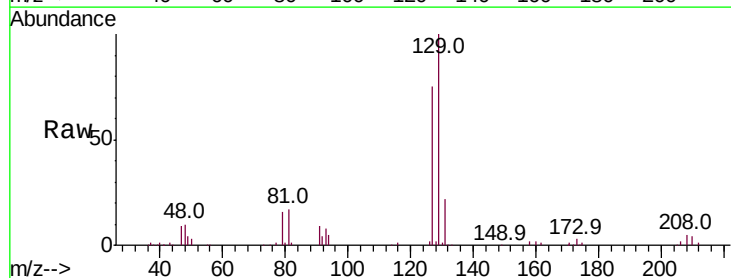
Instrument :
MSVOA_D
ClientSampled :

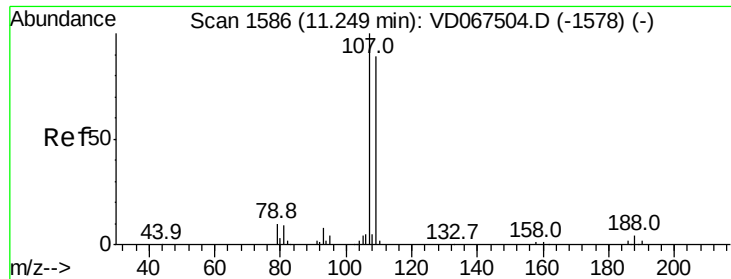
Tot Ion: 43 Resp: 194797
Ion Ratio Lower Upper
43 100
58 60.2 30.3 90.9



#60
Dibromochloromethane
Concen: 49.504 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067533.D
Acq: 05 Nov 2020 09:46

Tgt Ion: 129 Resp: 151894
Ion Ratio Lower Upper
129 100
127 76.9 38.0 114.1

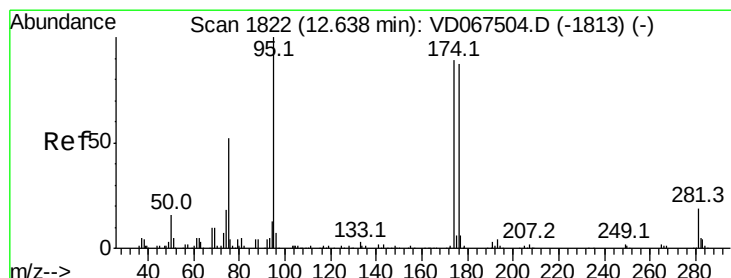
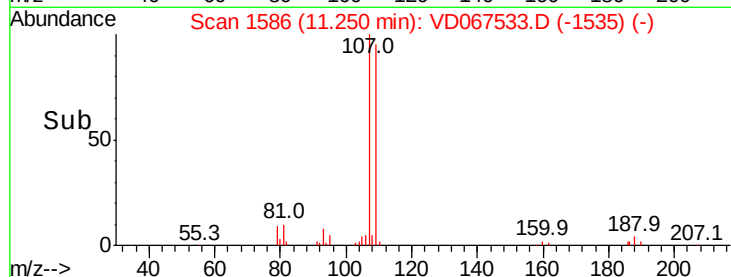
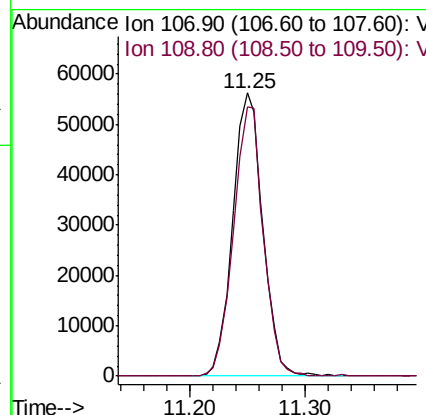
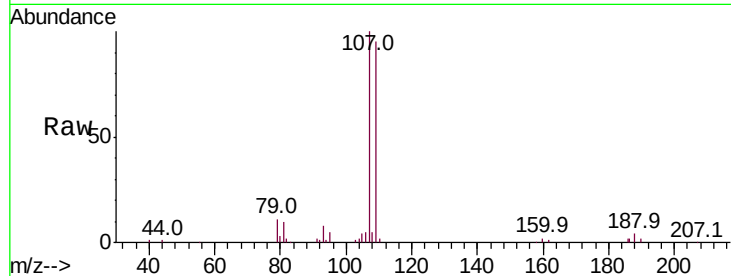




#61
 1,2-Dibromoethane
 Concen: 48.580 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067533.D
 Acq: 05 Nov 2020 09:46

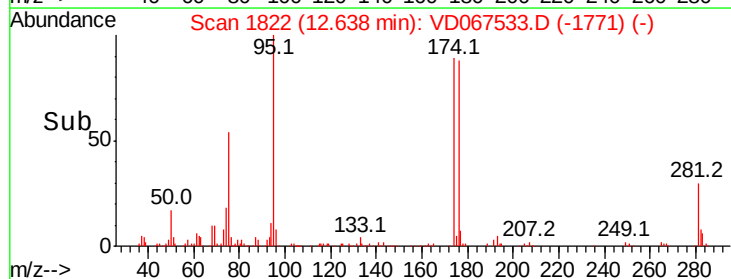
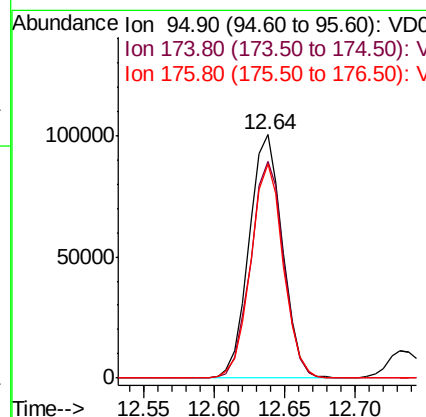
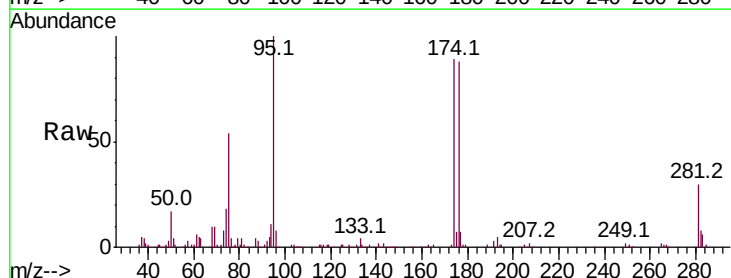
Instrument :
 MSVOA_D
 ClientSampleId :

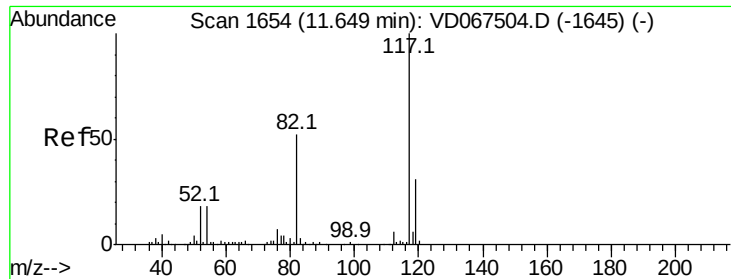
Tot Ion:107 Resp: 101132
 Ion Ratio Lower Upper
 107 100
 109 94.3 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 46.402 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067533.D
 Acq: 05 Nov 2020 09:46

Tgt Ion: 95 Resp: 166823
 Ion Ratio Lower Upper
 95 100
 174 88.1 0.0 177.8
 176 85.8 0.0 172.0

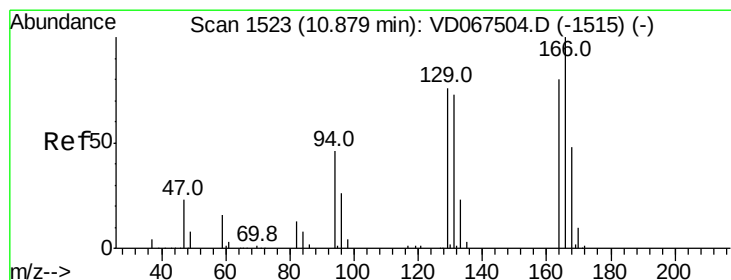
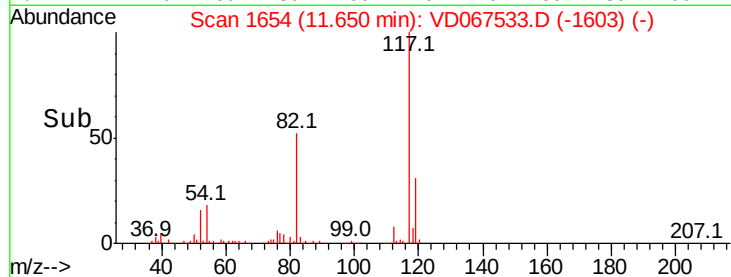
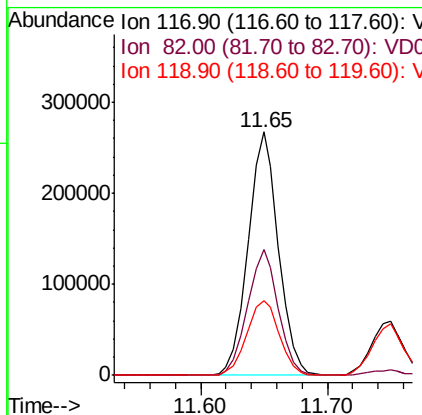
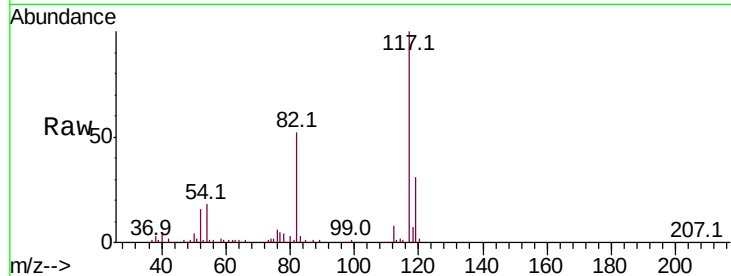




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067533.D
Acq: 05 Nov 2020 09:46

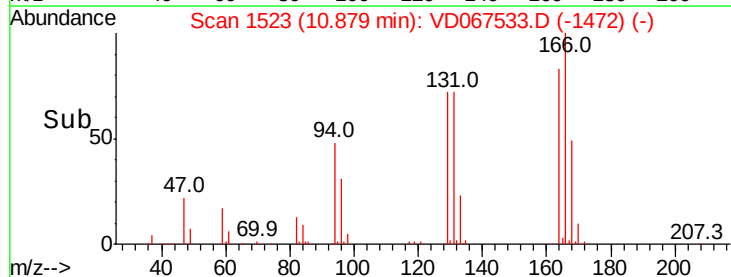
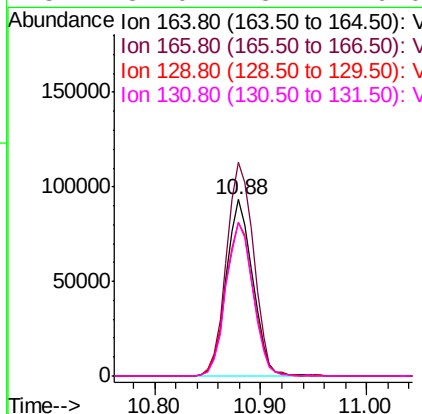
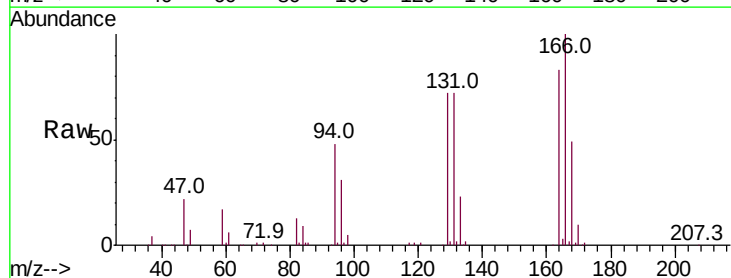
Instrument :
MSVOA_D
ClientSampleId :

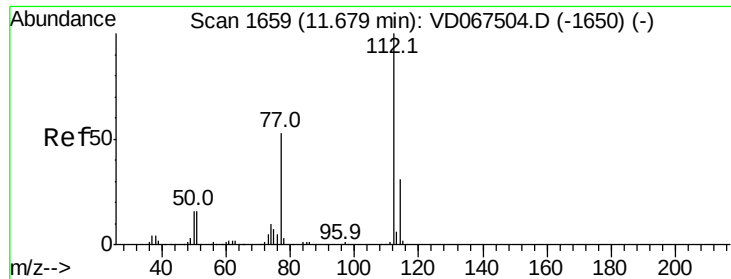
Tot Ion:117 Resp: 445424
Ion Ratio Lower Upper
117 100
82 51.8 41.6 62.4
119 30.7 25.1 37.7



#64
Tetrachloroethene
Concen: 49.057 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067533.D
Acq: 05 Nov 2020 09:46

Tgt Ion:164 Resp: 161829
Ion Ratio Lower Upper
164 100
166 121.1 99.9 149.9
129 87.2 75.5 113.3
131 87.0 73.4 110.0





#65

Chlorobenzene

Concen: 48.690 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VD067533.D

Acq: 05 Nov 2020 09:46

Instrument :

MSVOA_D

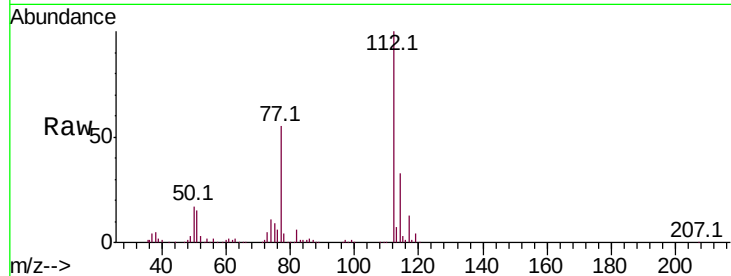
ClientSampleId :

Tot Ion:112 Resp: 417766

Ion Ratio Lower Upper

112 100

114 32.5 24.9 37.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

250000

200000

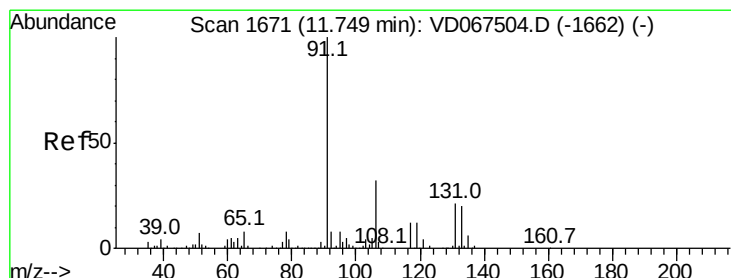
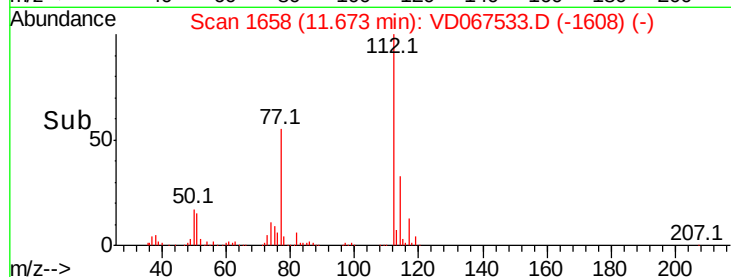
150000

100000

50000

0

Time--> 11.60 11.70



#66

1,1,1,2-Tetrachloroethane

Concen: 48.524 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067533.D

Acq: 05 Nov 2020 09:46

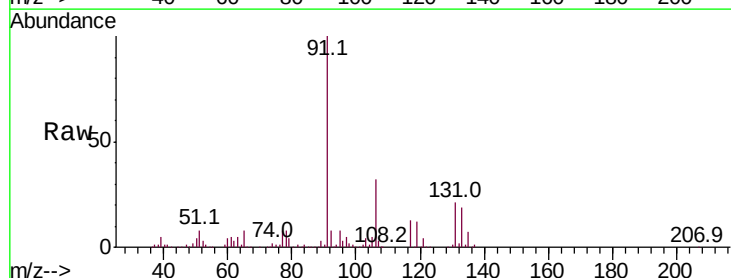
Tgt Ion:131 Resp: 164092

Ion Ratio Lower Upper

131 100

133 97.1 48.0 144.0

119 59.4 30.1 90.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

120000

100000

80000

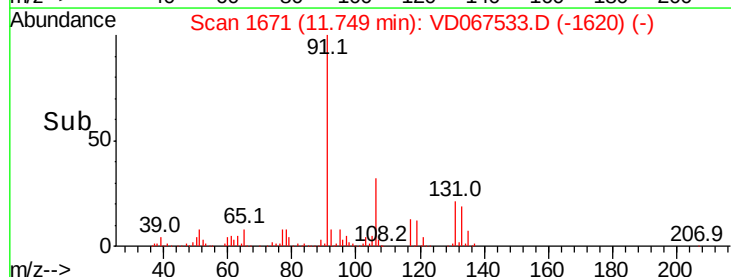
60000

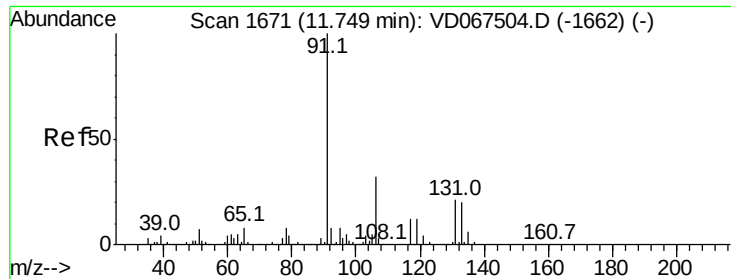
40000

20000

0

Time--> 11.70 11.80





#67

Ethyl Benzene

Concen: 49.929 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067533.D

Acq: 05 Nov 2020 09:46

Instrument :

MSVOA_D

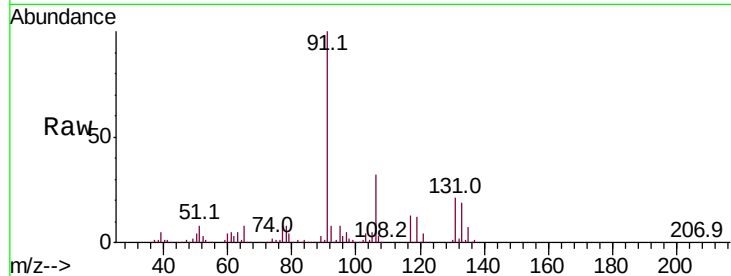
ClientSampleId :

Tot Ion: 91 Resp: 733061

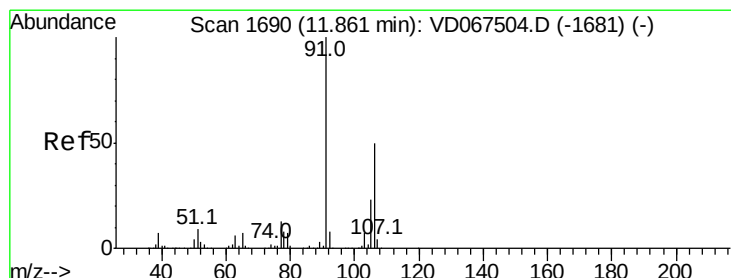
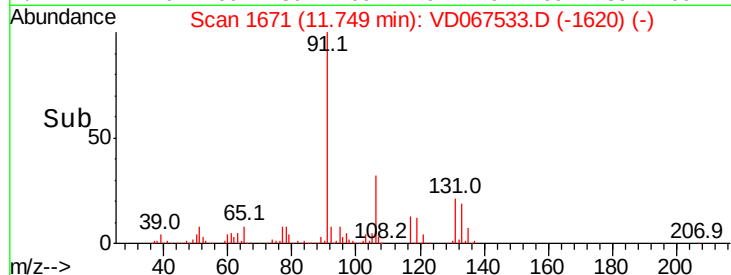
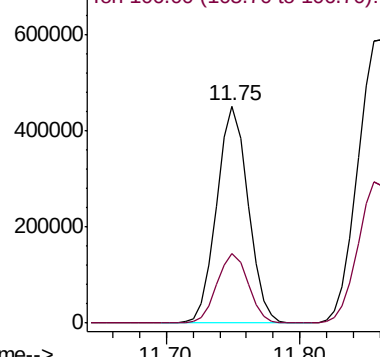
Ion Ratio Lower Upper

91 100

106 32.3 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): V



#68

m/p-Xylenes

Concen: 100.083 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VD067533.D

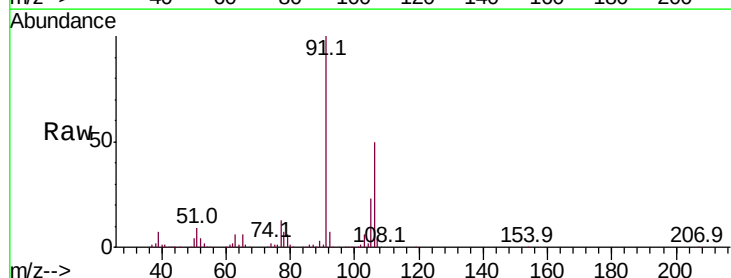
Acq: 05 Nov 2020 09:46

Tgt Ion: 106 Resp: 571675

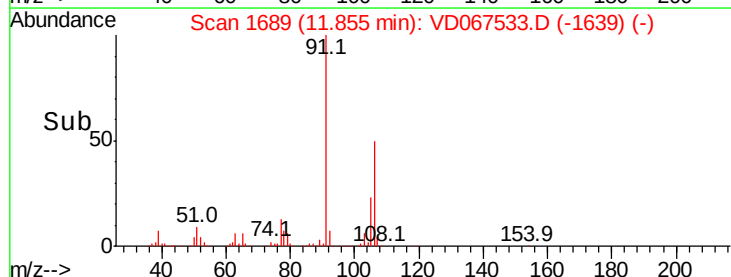
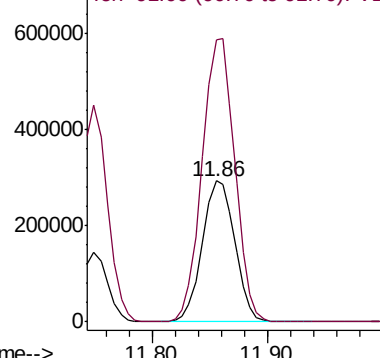
Ion Ratio Lower Upper

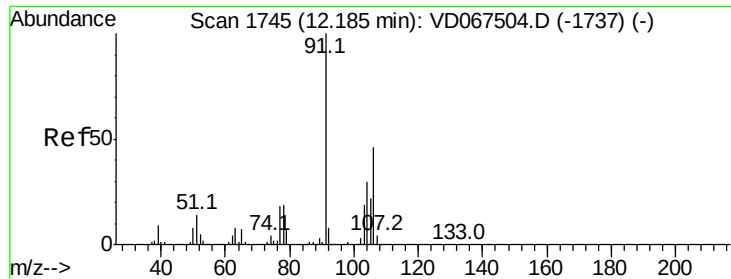
106 100

91 201.5 162.6 244.0



Abundance Ion 106.00 (105.70 to 106.70): V

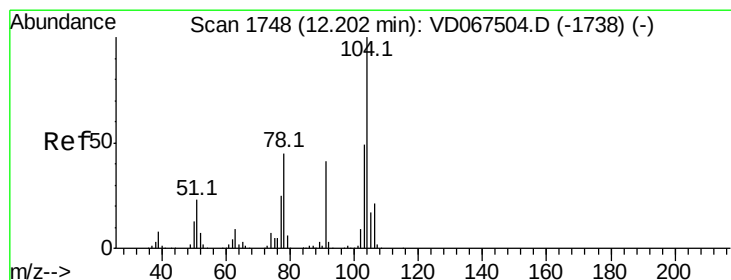
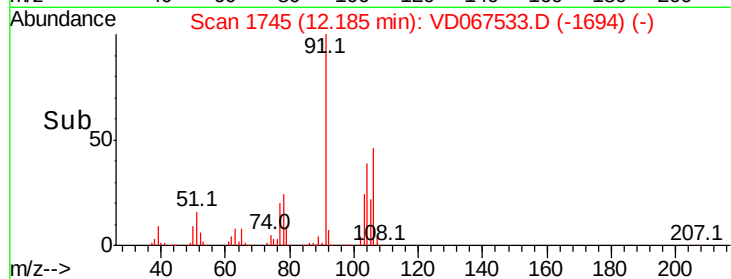
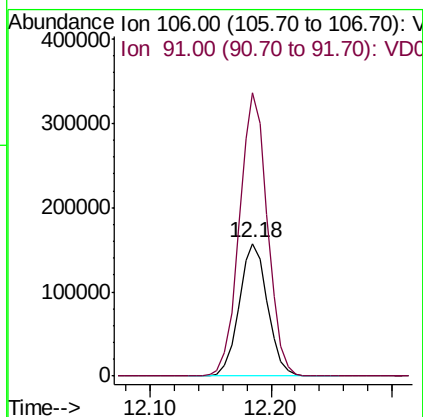
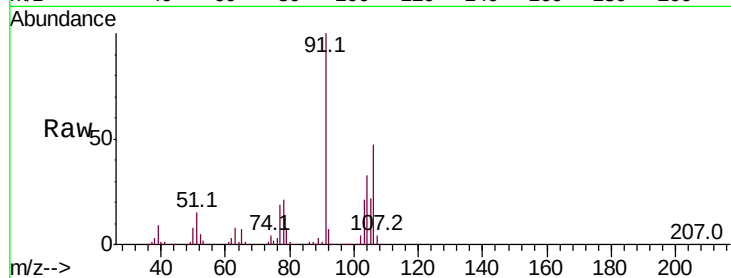




#69
o-Xylene
Concen: 50.447 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067533.D
Acq: 05 Nov 2020 09:46

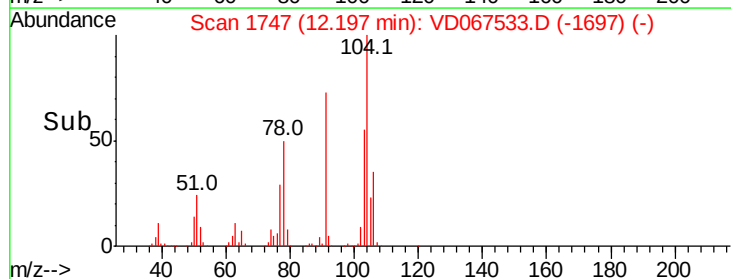
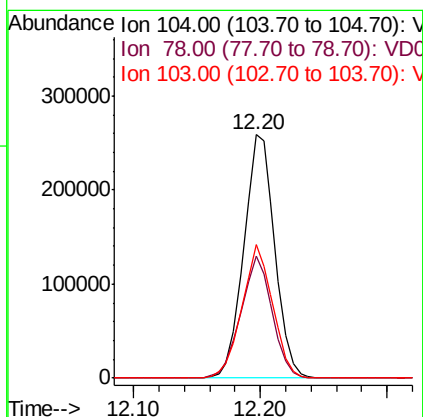
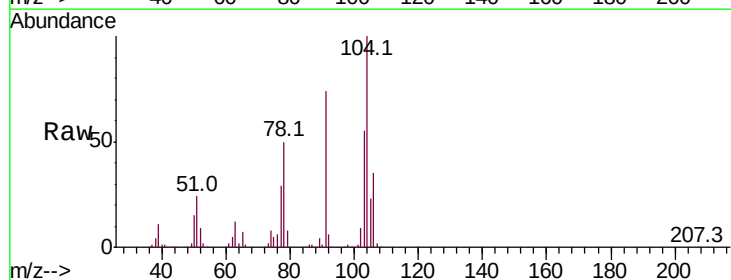
Instrument :
MSVOA_D
ClientSampleId :

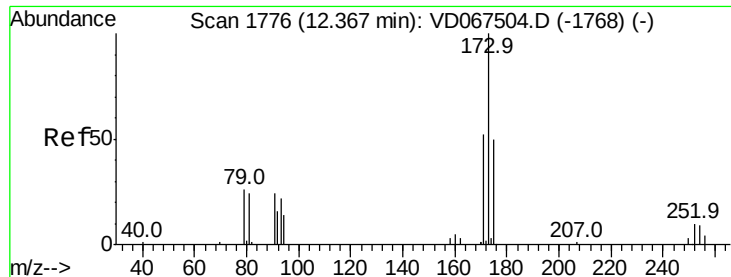
Tot Ion:106 Resp: 257271
Ion Ratio Lower Upper
106 100
91 211.7 107.1 321.1



#70
Styrene
Concen: 49.253 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067533.D
Acq: 05 Nov 2020 09:46

Tgt Ion:104 Resp: 437694
Ion Ratio Lower Upper
104 100
78 50.8 39.8 59.8
103 54.5 43.9 65.9





#71

Bromoform

Concen: 48.366 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067533.D

Acq: 05 Nov 2020 09:46

Instrument :

MSVOA_D

ClientSampleId :

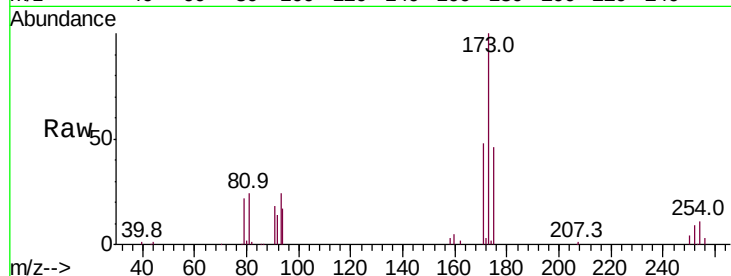
Tot Ion:173 Resp: 83416

Ion Ratio Lower Upper

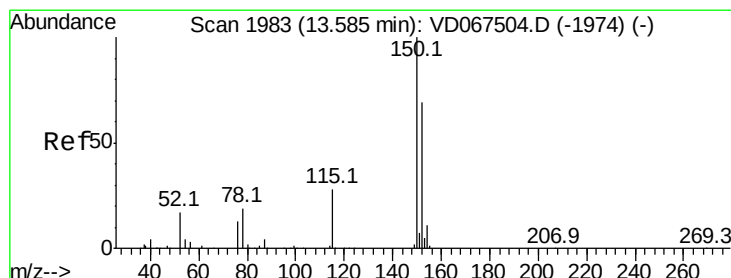
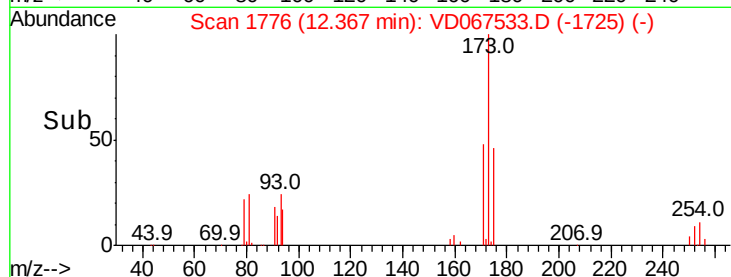
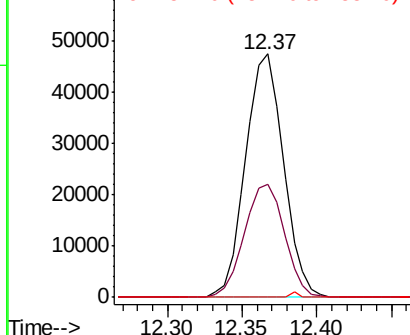
173 100

175 49.1 24.1 72.2

254 0.5 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067533.D

Acq: 05 Nov 2020 09:46

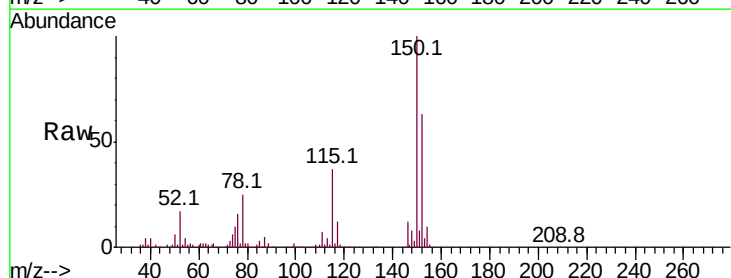
Tgt Ion:152 Resp: 224663

Ion Ratio Lower Upper

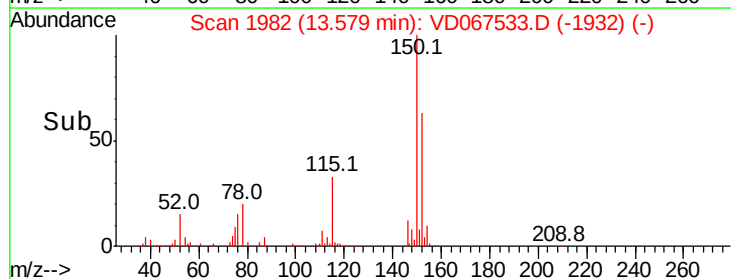
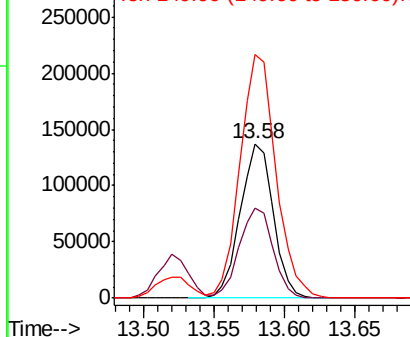
152 100

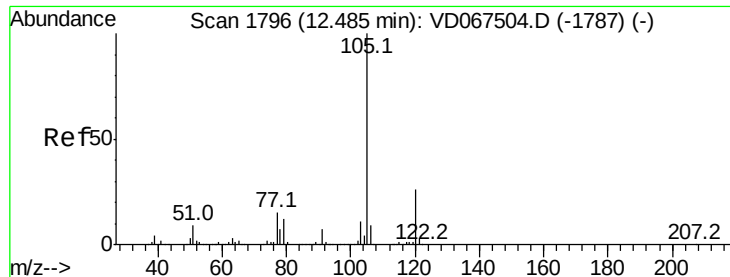
115 59.5 29.3 88.0

150 171.8 0.0 338.2



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





#73

Isopropylbenzene

Concen: 50.863 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067533.D

Acq: 05 Nov 2020 09:46

Instrument :

MSVOA_D

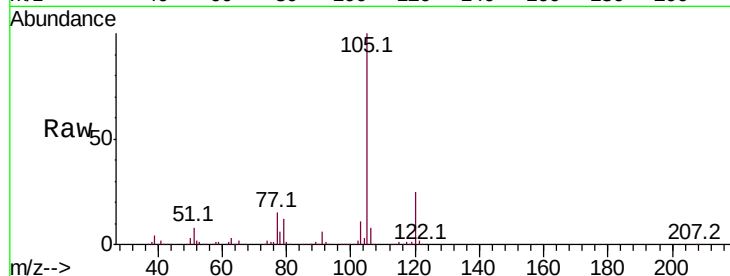
ClientSampleId :

Tot Ion:105 Resp: 738507

Ion Ratio Lower Upper

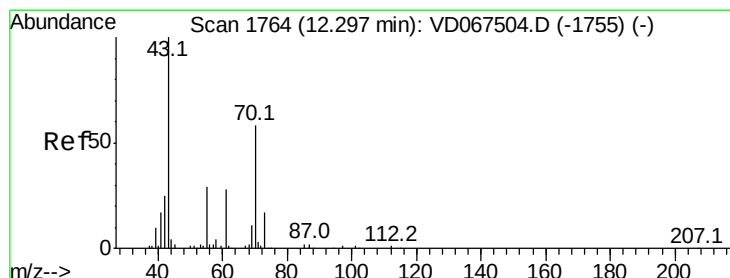
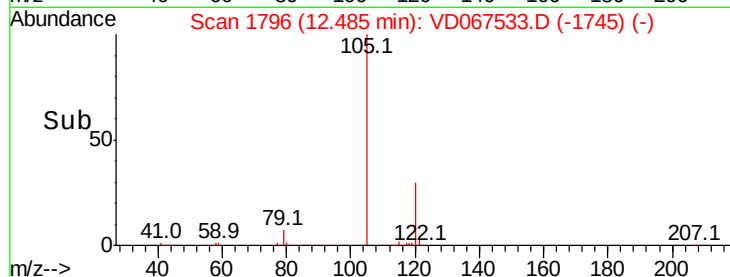
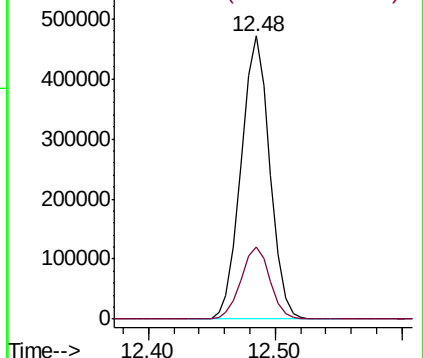
105 100

120 25.8 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.069 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067533.D

Acq: 05 Nov 2020 09:46

Tgt Ion: 43 Resp: 93748

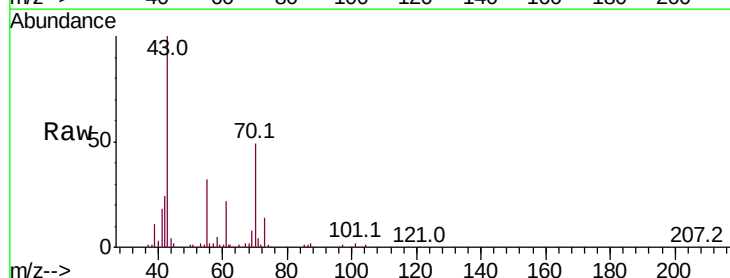
Ion Ratio Lower Upper

43 100

70 53.3 42.6 64.0

55 32.1 23.7 35.5

61 25.5 21.9 32.9

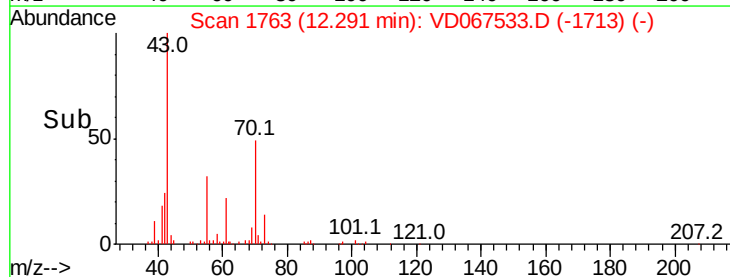
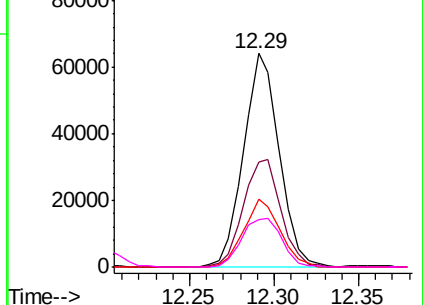


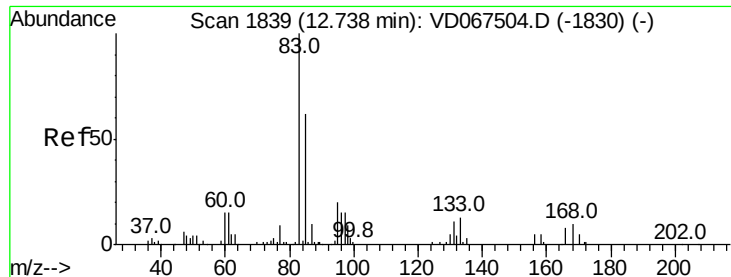
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 48.517 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067533.D

Acq: 05 Nov 2020 09:46

Instrument :

MSVOA_D

ClientSampleId :

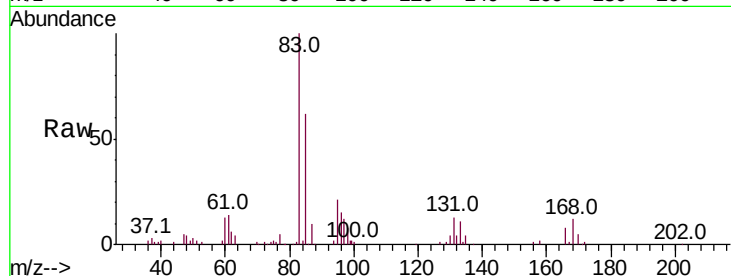
Tot Ion: 83 Resp: 96060

Ion Ratio Lower Upper

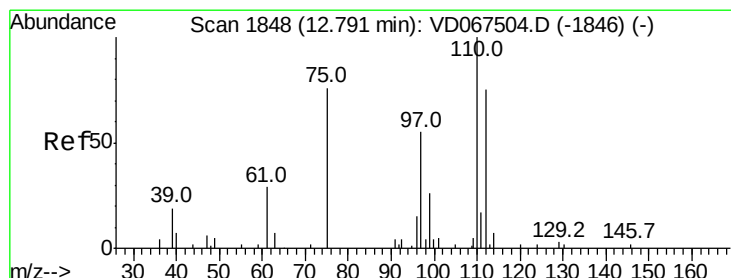
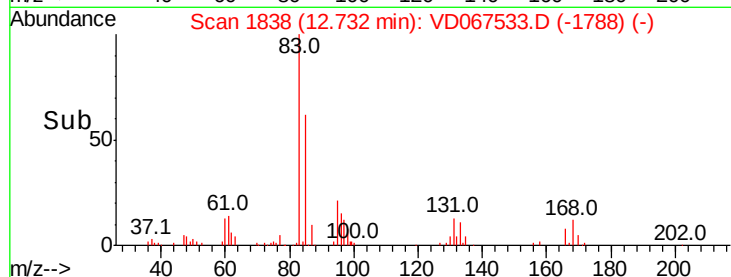
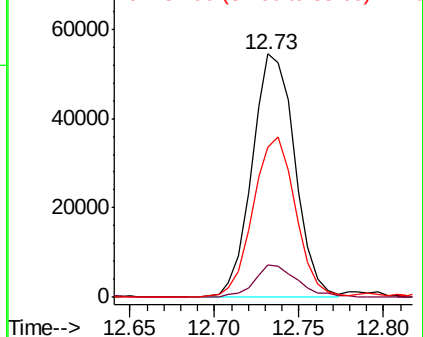
83 100

131 13.5 7.1 21.3

85 65.6 32.9 98.7



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



#76

1,2,3-Trichloropropane

Concen: 99.640 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD067533.D

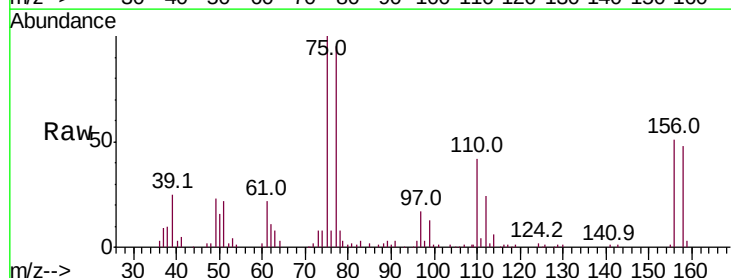
Acq: 05 Nov 2020 09:46

Tgt Ion: 75 Resp: 135041

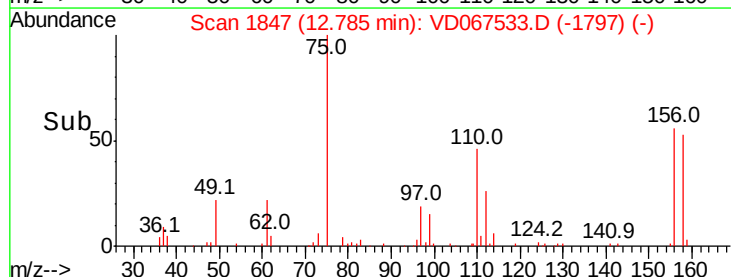
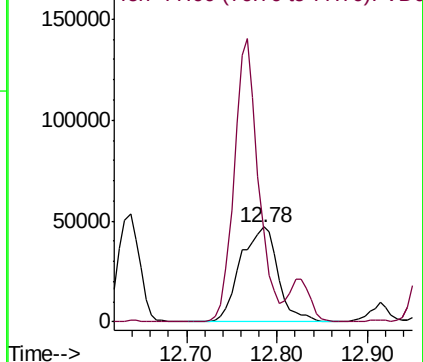
Ion Ratio Lower Upper

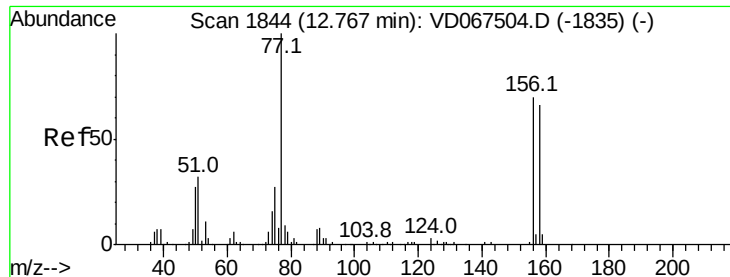
75 100

77 193.5 0.0 0.0#



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





#77

Bromobenzene

Concen: 48.935 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067533.D

Acq: 05 Nov 2020 09:46

Instrument :

MSVOA_D

ClientSampleId :

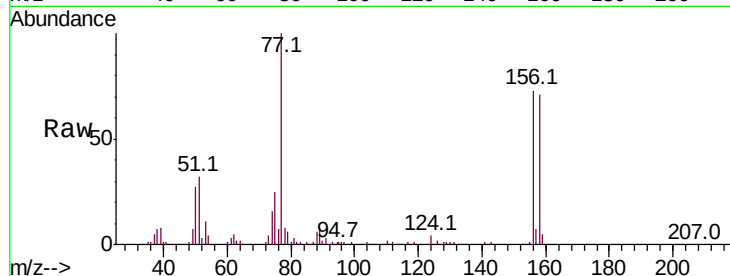
Tot Ion:156 Resp: 174494

Ion Ratio Lower Upper

156 100

77 149.7 77.8 233.5

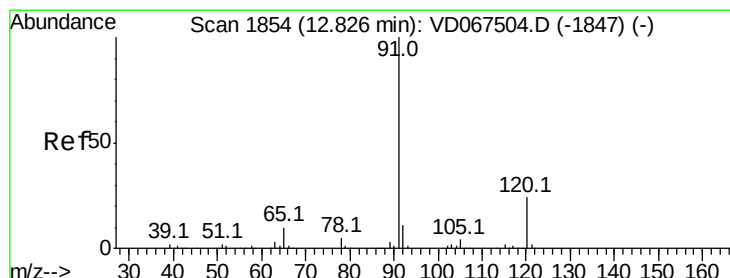
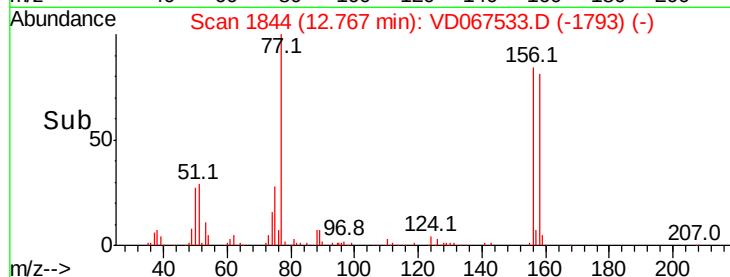
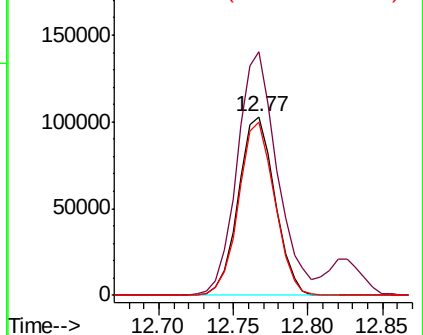
158 95.5 47.9 143.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.896 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067533.D

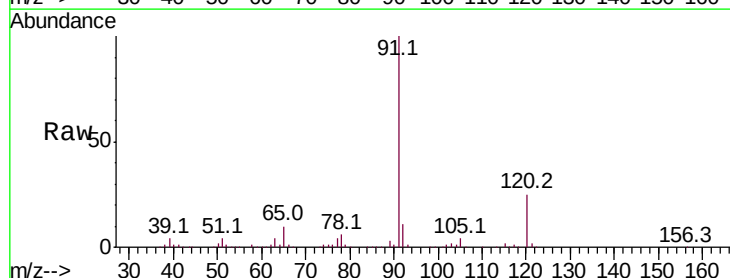
Acq: 05 Nov 2020 09:46

Tgt Ion: 91 Resp: 845270

Ion Ratio Lower Upper

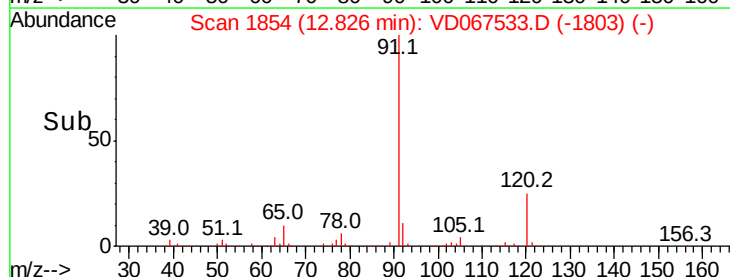
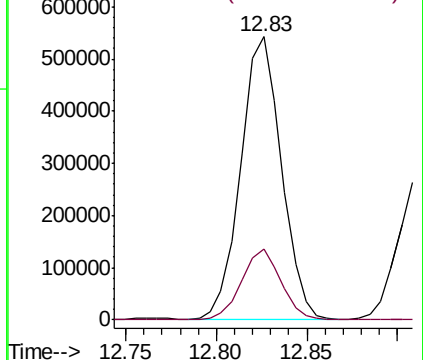
91 100

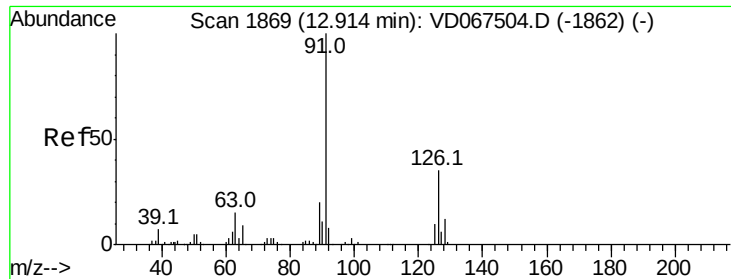
120 24.3 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

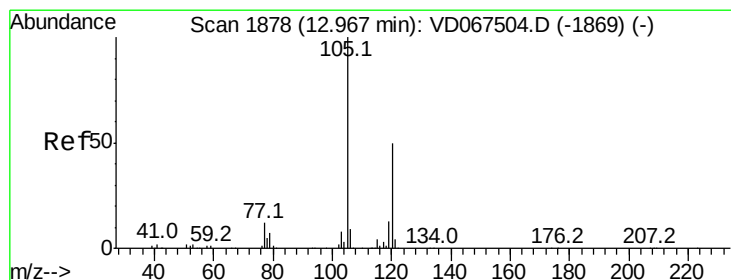
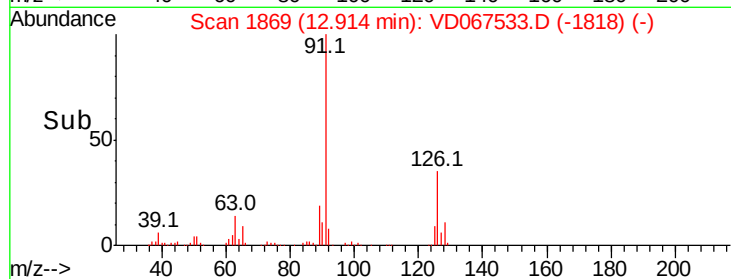
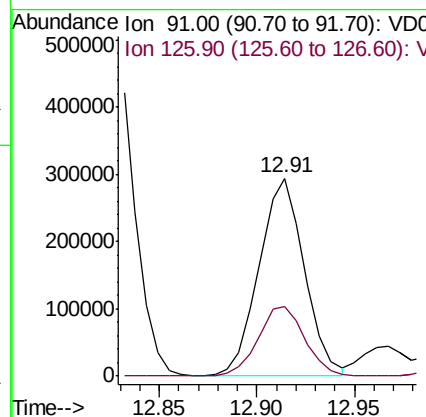
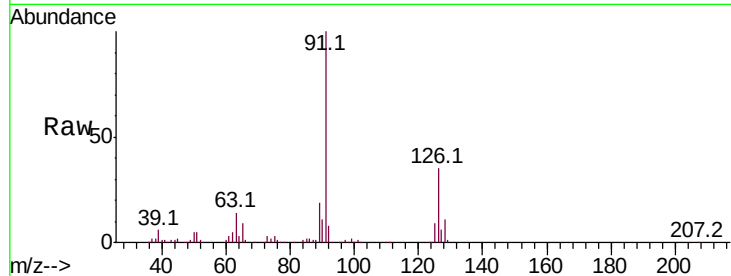




#79
 2-Chlorotoluene
 Concen: 50.045 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD067533.D
 Acq: 05 Nov 2020 09:46

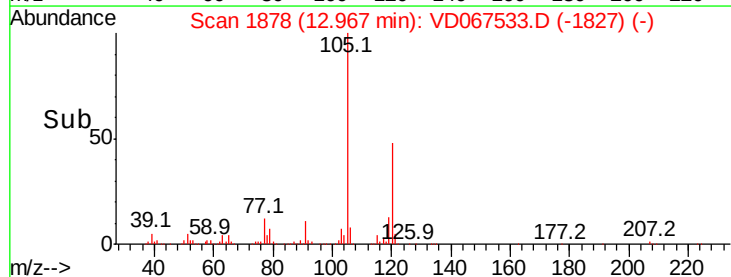
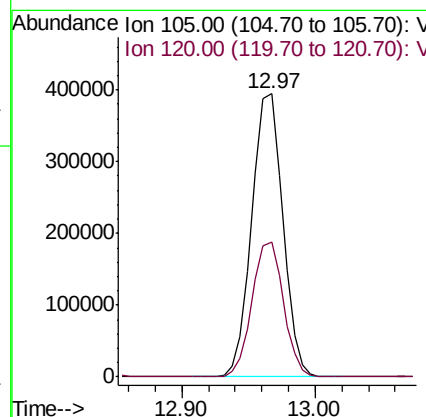
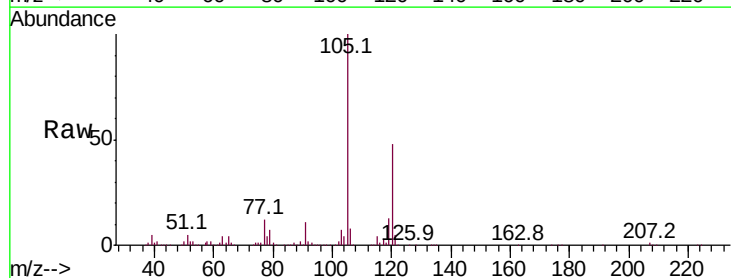
Instrument :
 MSVOA_D
 ClientSampleId :

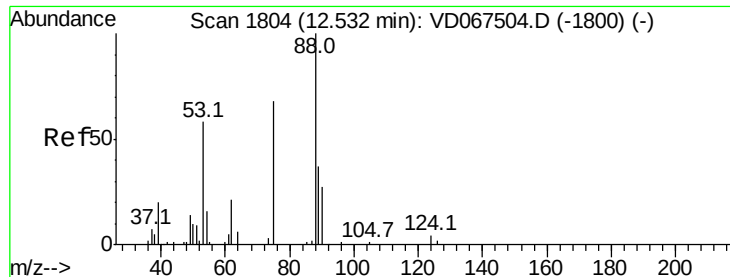
Tot Ion: 91 Resp: 472124
 Ion Ratio Lower Upper
 91 100
 126 36.4 17.8 53.4



#80
 1,3,5-Trimethylbenzene
 Concen: 51.064 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD067533.D
 Acq: 05 Nov 2020 09:46

Tgt Ion: 105 Resp: 633365
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 46.490 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

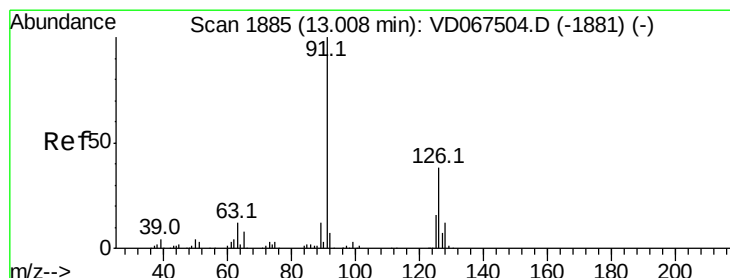
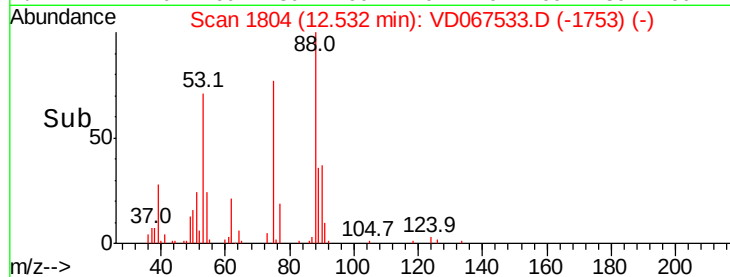
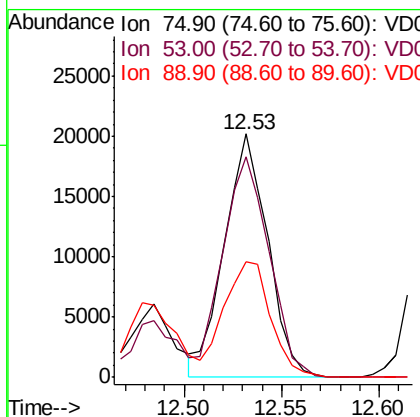
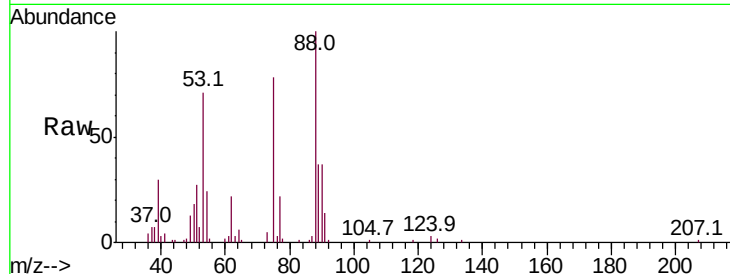
Lab File: VD067533.D

Acq: 05 Nov 2020 09:46

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 75 Resp: 31034

Ion	Ratio	Lower	Upper
75	100		
53	97.5	75.9	113.9
89	51.2	44.6	67.0



#82

4-Chlorotoluene

Concen: 50.075 ug/l

RT: 13.01 min Scan# 1885

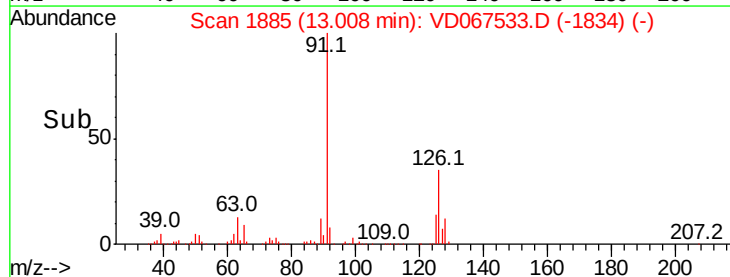
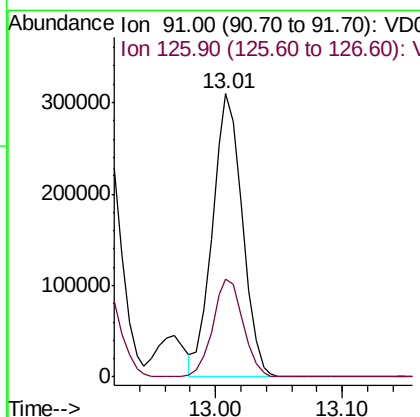
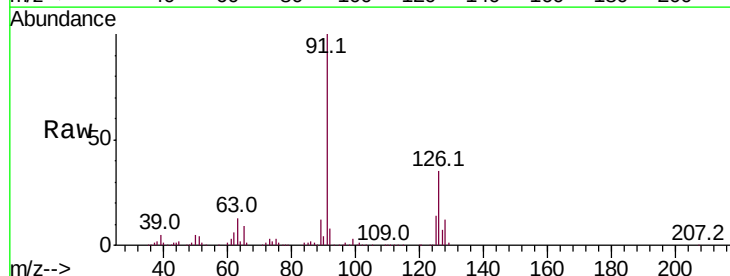
Delta R.T. 0.00 min

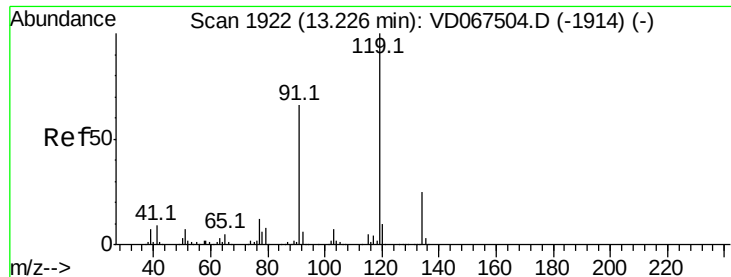
Lab File: VD067533.D

Acq: 05 Nov 2020 09:46

Tgt Ion: 91 Resp: 506663

Ion	Ratio	Lower	Upper
91	100		
126	35.3	17.9	53.7

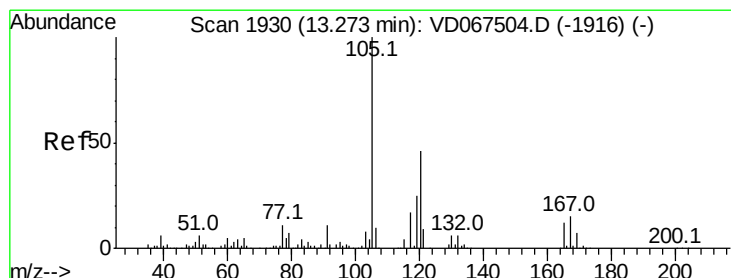
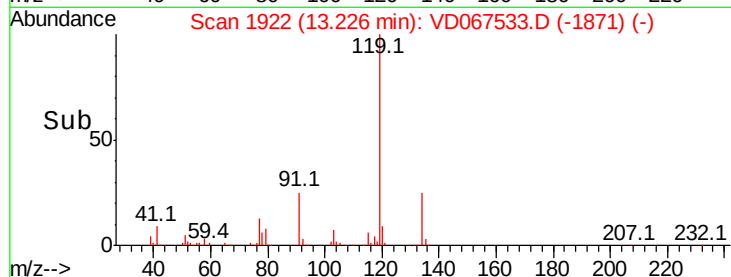
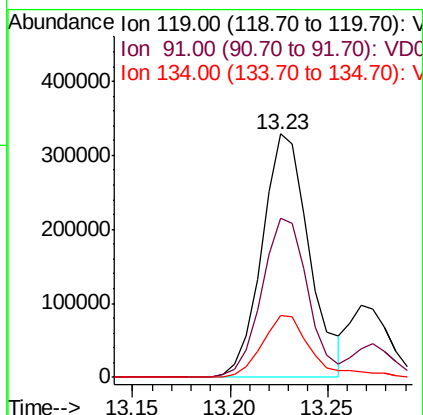
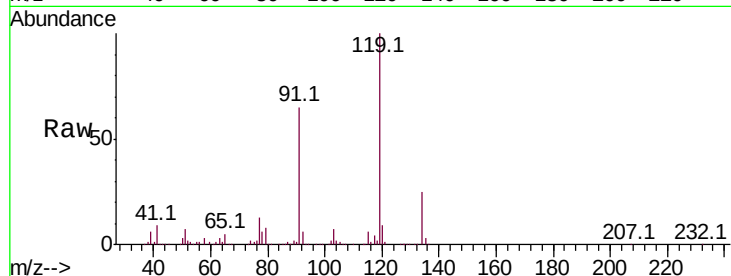




#83
 tert-Butylbenzene
 Concen: 52.360 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD067533.D
 Acq: 05 Nov 2020 09:46

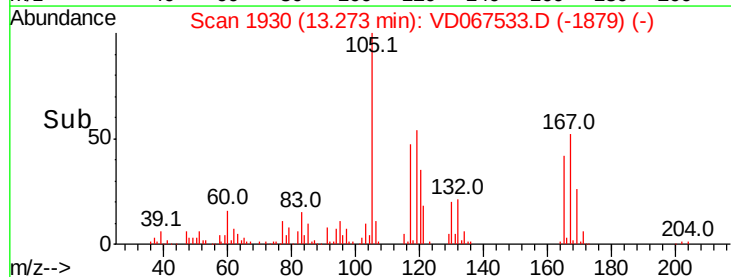
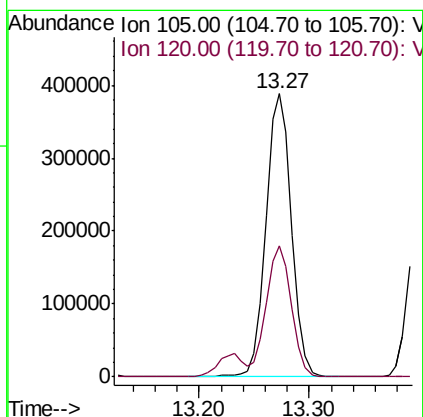
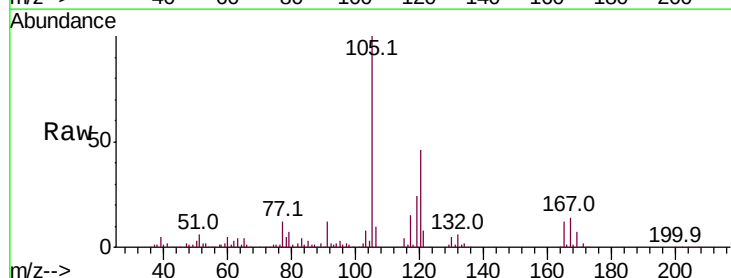
Instrument :
 MSVOA_D
 ClientSampleId :

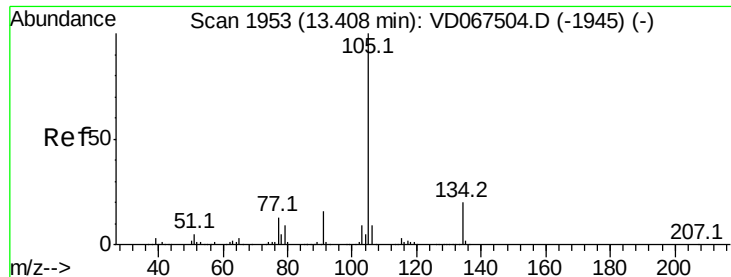
Tot Ion:119 Resp: 550403
 Ion Ratio Lower Upper
 119 100
 91 64.0 32.7 98.1
 134 26.8 13.4 40.2



#84
 1,2,4-Trimethylbenzene
 Concen: 50.686 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067533.D
 Acq: 05 Nov 2020 09:46

Tgt Ion:105 Resp: 625791
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.1 66.1





#85

sec-Butylbenzene

Concen: 51.379 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067533.D

Acq: 05 Nov 2020 09:46

Instrument :

MSVOA_D

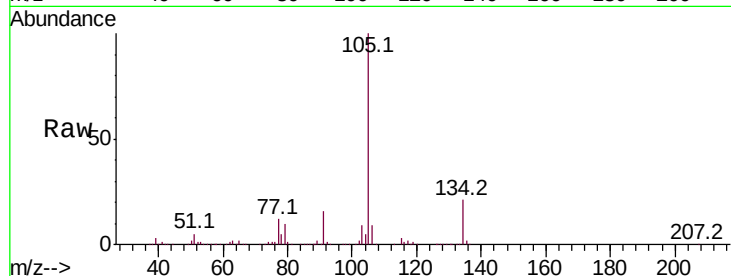
ClientSampled :

Tot Ion:105 Resp: 729092

Ion Ratio Lower Upper

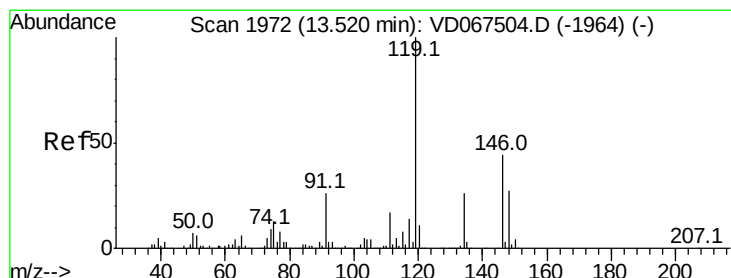
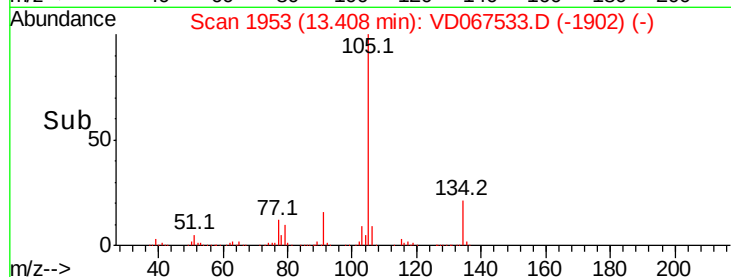
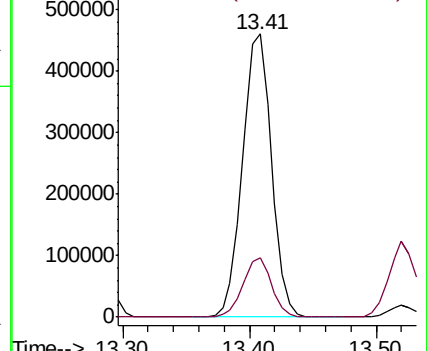
105 100

134 20.6 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.266 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067533.D

Acq: 05 Nov 2020 09:46

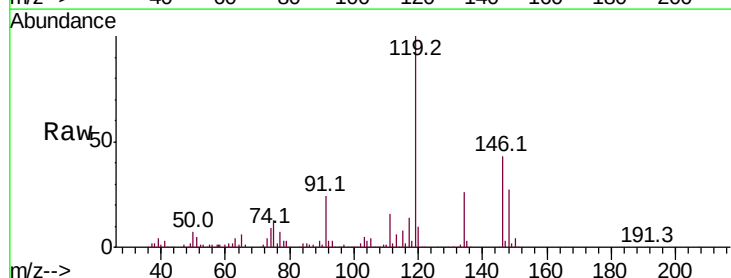
Tgt Ion:119 Resp: 702517

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

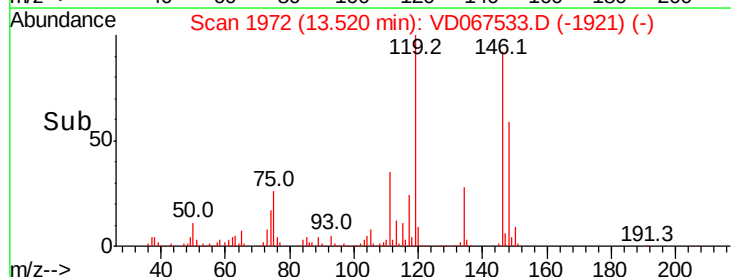
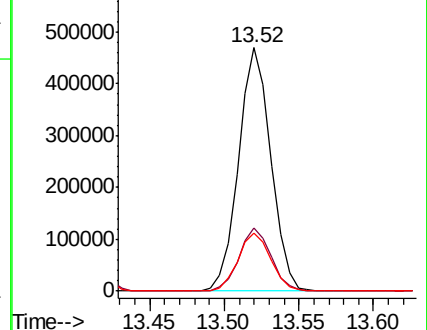
91 24.2 12.2 36.4

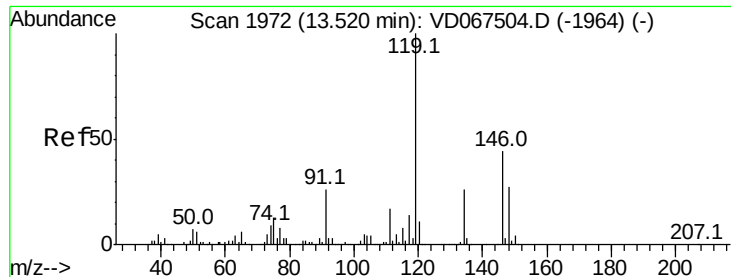


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

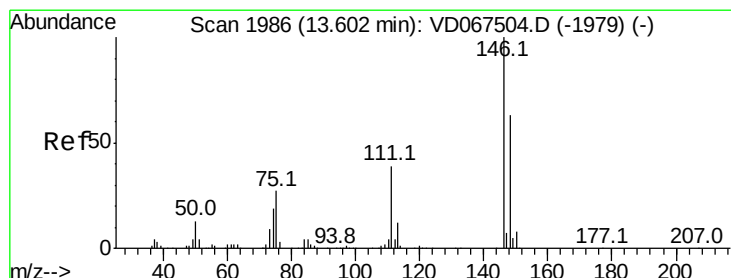
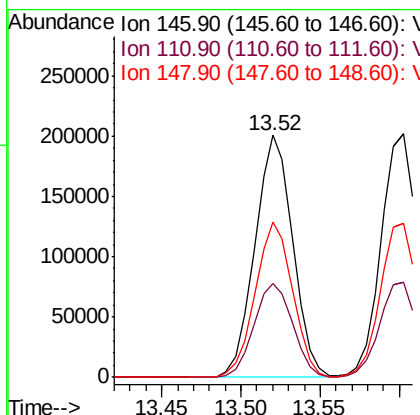
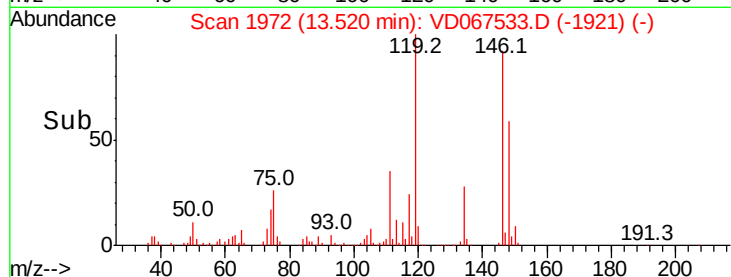
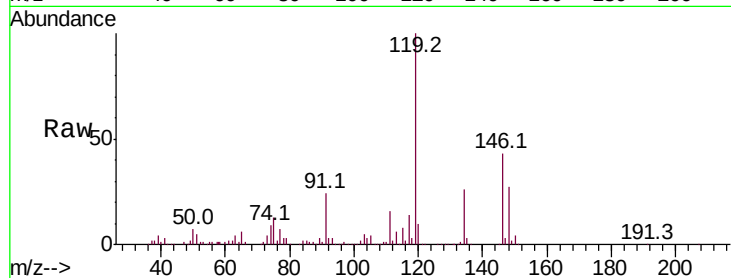




#87
 1,3-Dichlorobenzene
 Concen: 48.898 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067533.D
 Acq: 05 Nov 2020 09:46

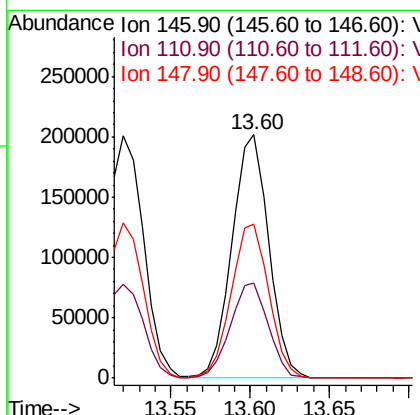
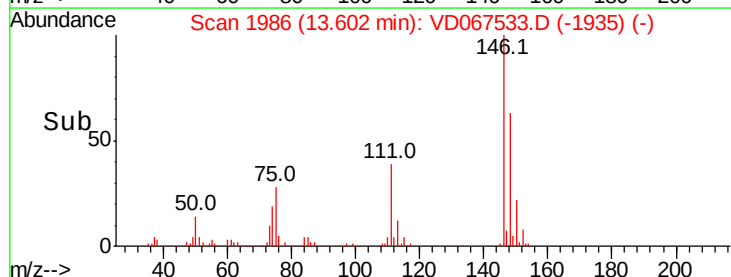
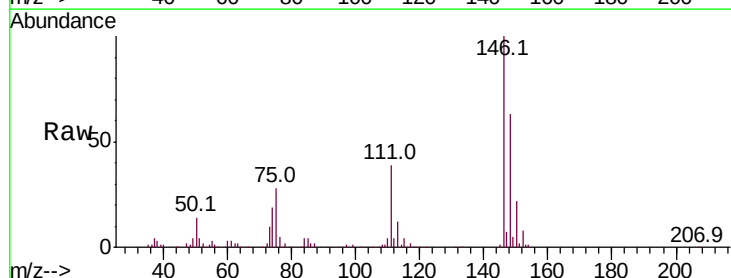
Instrument :
 MSVOA_D
 ClientSampleId :

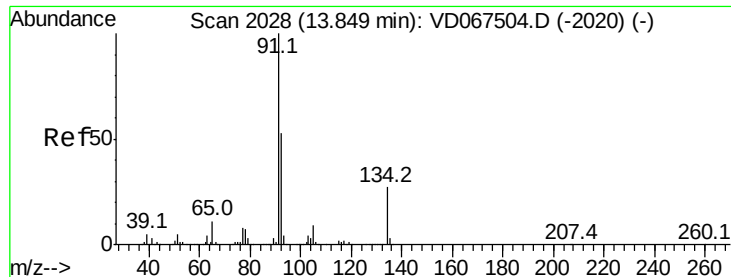
Tot Ion:146 Resp: 332706
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.3 60.8
 148 63.6 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 47.148 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD067533.D
 Acq: 05 Nov 2020 09:46

Tgt Ion:146 Resp: 324829
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.6 58.7
 148 64.5 31.8 95.4





#89

n-Butylbenzene

Concen: 51.788 ug/l

RT: 13.85 min Scan# 2028

Delta R.T. 0.00 min

Lab File: VD067533.D

Acq: 05 Nov 2020 09:46

Instrument :

MSVOA_D

ClientSampleId :

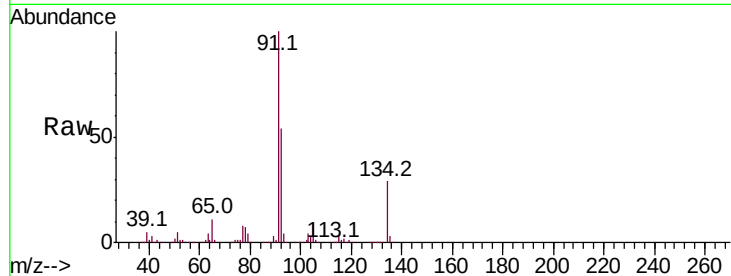
Tot Ion: 91 Resp: 612988

Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.6	79.8
134	28.5	14.1	42.2

91 100

92 53.2 26.6 79.8

134 28.5 14.1 42.2

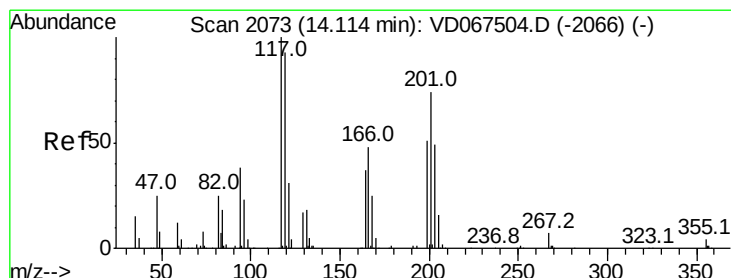
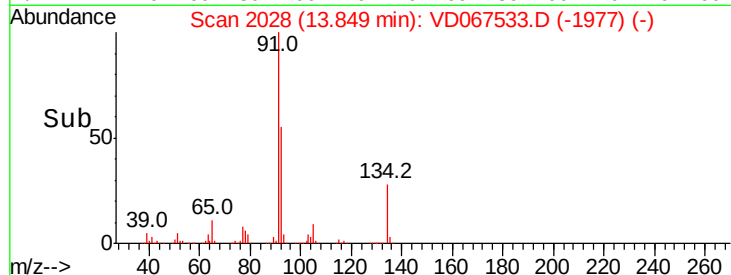
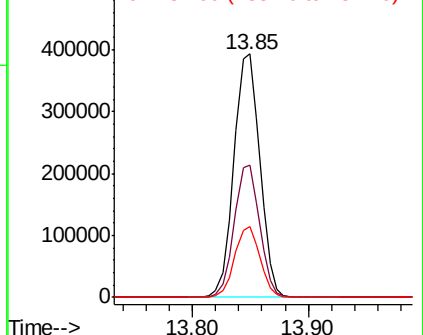


Abundance

Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 49.610 ug/l

RT: 14.11 min Scan# 2073

Delta R.T. 0.00 min

Lab File: VD067533.D

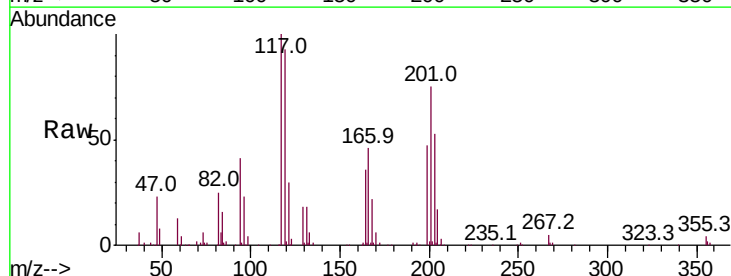
Acq: 05 Nov 2020 09:46

Tgt Ion: 117 Resp: 128024

Ion	Ratio	Lower	Upper
117	100		
201	79.2	40.7	122.1

117 100

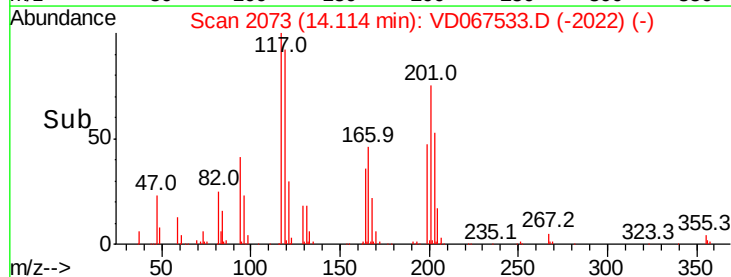
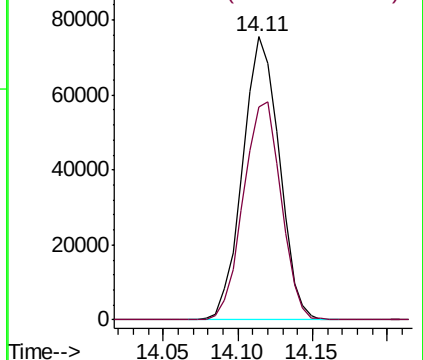
201 79.2 40.7 122.1

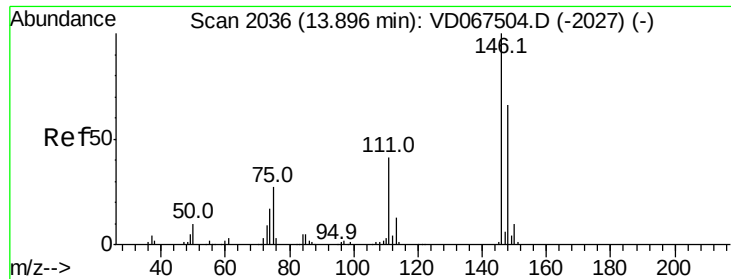


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

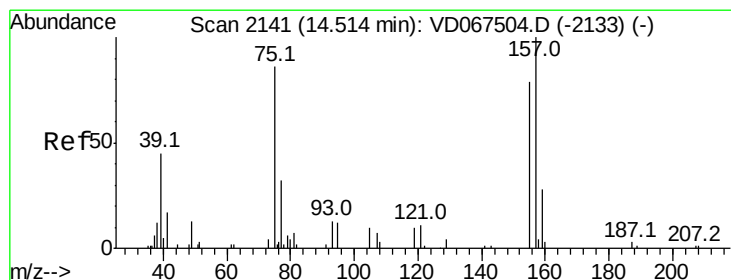
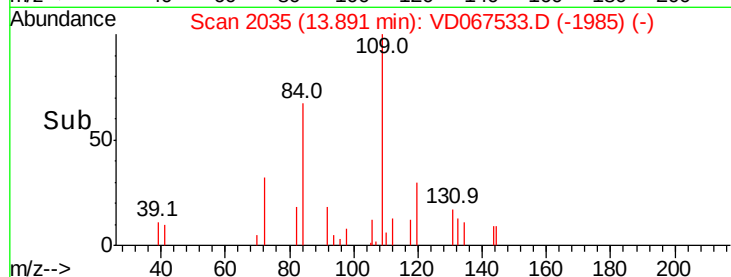
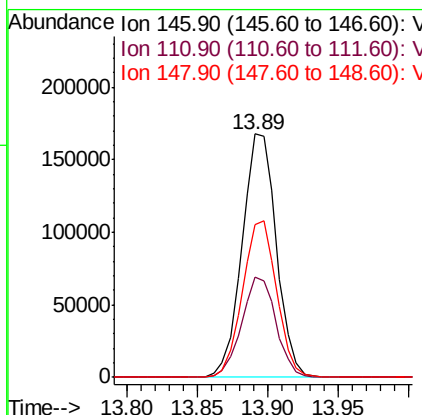
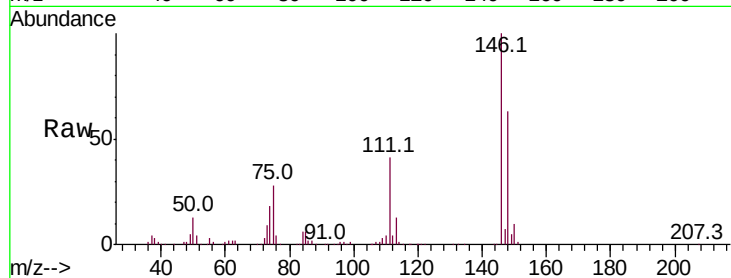




#91
 1,2-Dichlorobenzene
 Concen: 48.528 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD067533.D
 Acq: 05 Nov 2020 09:46

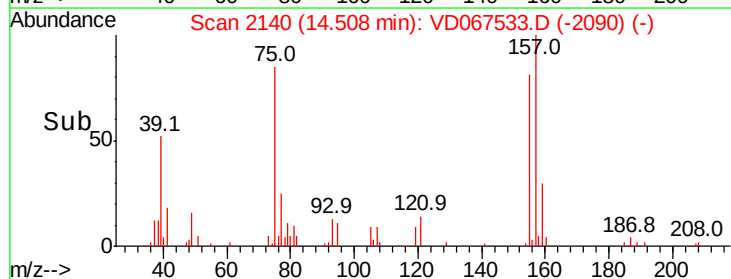
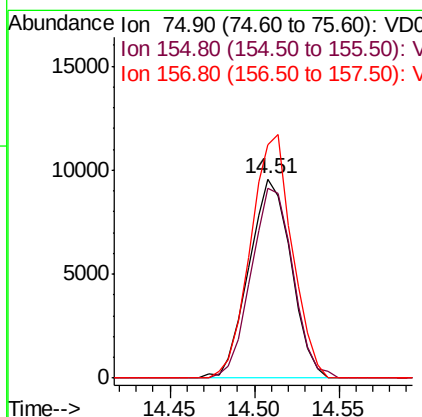
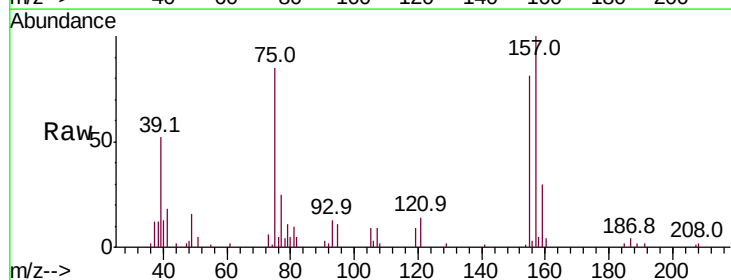
Instrument :
 MSVOA_D
 ClientSampleId :

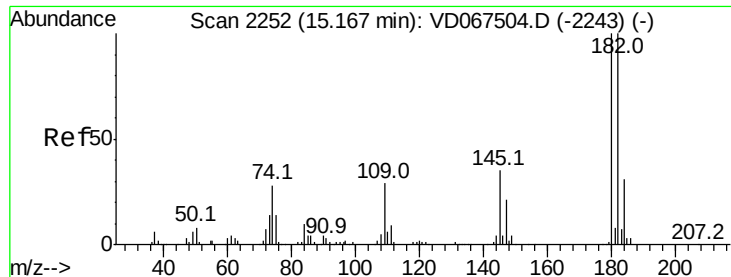
Tot Ion:146 Resp: 285769
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.7 62.1
 148 63.7 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.491 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067533.D
 Acq: 05 Nov 2020 09:46

Tgt Ion: 75 Resp: 16648
 Ion Ratio Lower Upper
 75 100
 155 94.5 46.6 139.8
 157 120.0 58.1 174.2

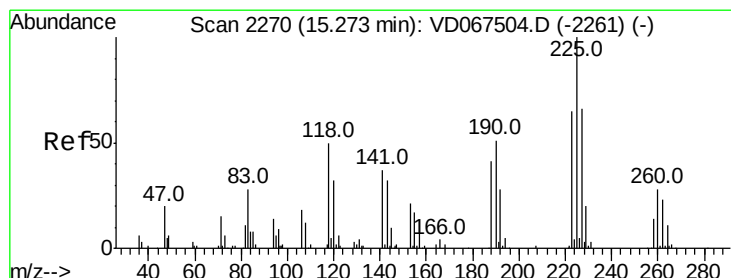
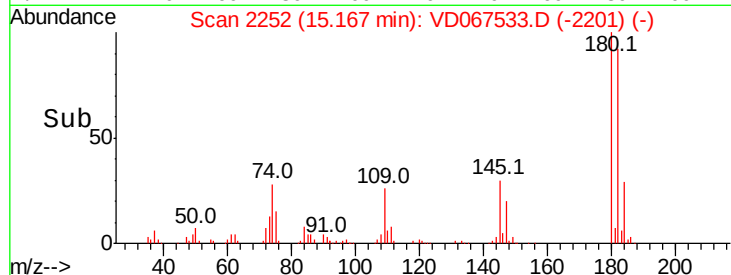
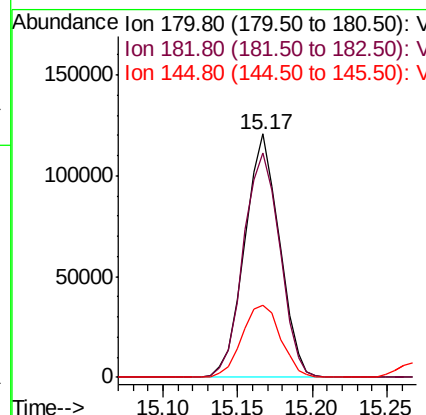
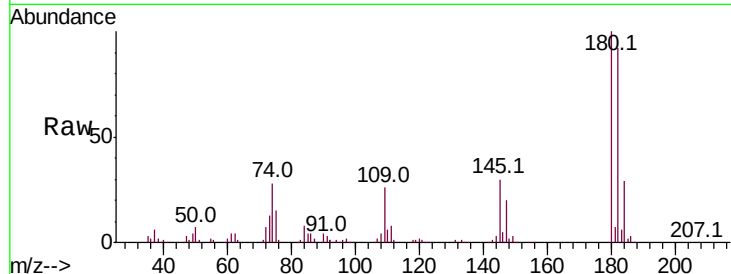




#93
 1,2,4-Trichlorobenzene
 Concen: 48.983 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD067533.D
 Acq: 05 Nov 2020 09:46

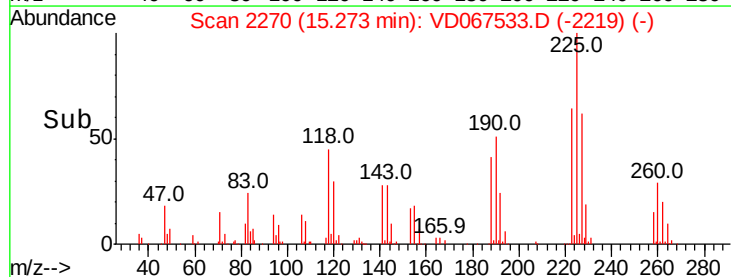
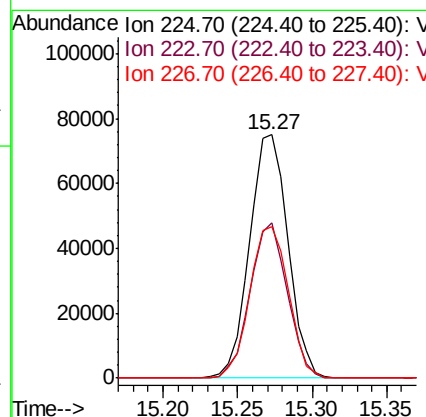
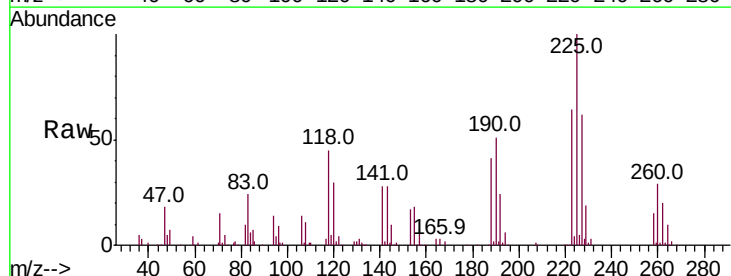
Instrument :
 MSVOA_D
 ClientSampleId :

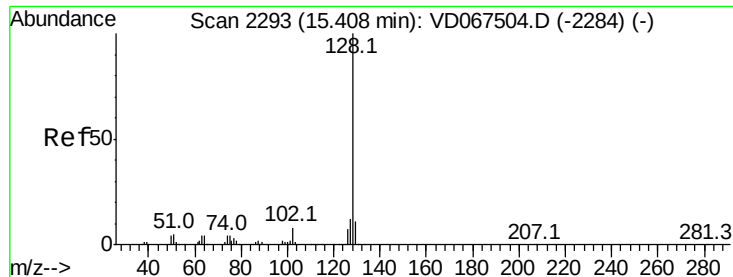
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.4	142.3
145	32.9	16.2	48.6



#94
 Hexachlorobutadiene
 Concen: 49.793 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067533.D
 Acq: 05 Nov 2020 09:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.9	95.5
227	62.8	32.5	97.4

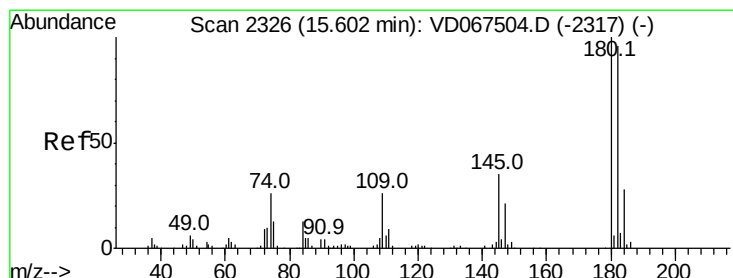
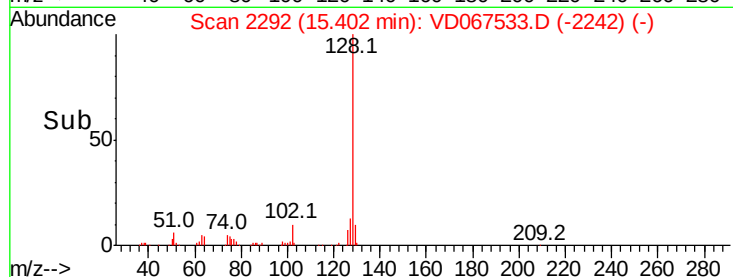
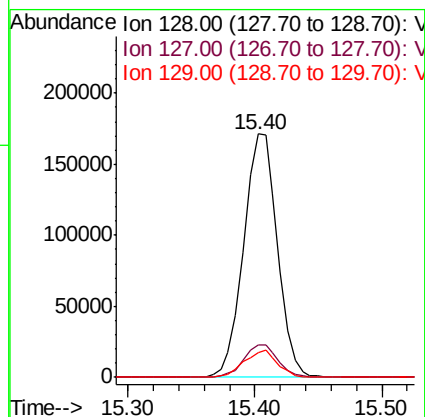
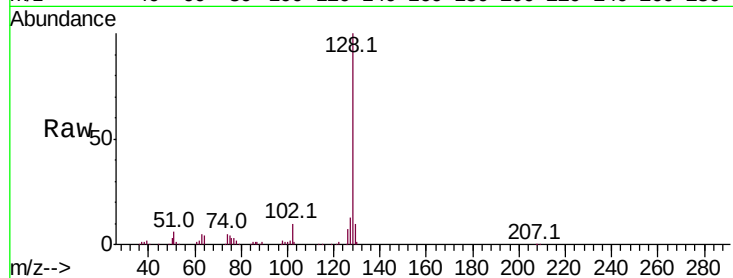




#95
Naphthalene
Concen: 51.285 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD067533.D
Acq: 05 Nov 2020 09:46

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:128 Resp: 316324
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.4
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 48.901 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD067533.D
Acq: 05 Nov 2020 09:46

Tgt Ion:180 Resp: 167368
Ion Ratio Lower Upper
180 100
182 95.3 46.9 140.8
145 35.6 17.1 51.2

