

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112020\
 Data File : VD067716.D
 Acq On : 20 Nov 2020 11:03
 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 21 00:35:10 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	272857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	388244	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	341077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	175375	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	110052	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	
35) Dibromofluoromethane	7.91	113	110908	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
50) Toluene-d8	10.34	98	383634	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	
62) 4-Bromofluorobenzene	12.64	95	135838	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	113552	51.552	ug/l	95
3) Chloromethane	2.21	50	69890	41.133	ug/l	97
4) Vinyl Chloride	2.35	62	84549	44.631	ug/l	97
5) Bromomethane	2.77	94	73086	47.600	ug/l	99
6) Chloroethane	2.92	64	54767	46.893	ug/l	95
7) Trichlorofluoromethane	3.28	101	260059	53.019	ug/l	91
8) Diethyl Ether	3.71	74	50781	51.379	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.10	101	126019	50.898	ug/l	96
10) Methyl Iodide	4.30	142	140521	52.954	ug/l	100
11) Tert butyl alcohol	5.21	59	33822	335.901	ug/l #	95
12) 1,1-Dichloroethene	4.07	96	117613	51.643	ug/l	98
13) Acrolein	3.92	56	22252	214.652	ug/l	99
14) Allyl chloride	4.71	41	120220	49.323	ug/l	95
15) Acrylonitrile	5.42	53	93395	255.631	ug/l	98
16) Acetone	4.16	43	104998	294.090	ug/l	98
17) Carbon Disulfide	4.41	76	311927	44.698	ug/l	97
18) Methyl Acetate	4.71	43	36842	49.936	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	253280	56.382	ug/l	95
20) Methylene Chloride	4.97	84	125920	49.929	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	134396	50.666	ug/l	95
22) Diisopropyl ether	6.36	45	243998	51.370	ug/l	99
23) Vinyl Acetate	6.30	43	672050	270.303	ug/l	100
24) 1,1-Dichloroethane	6.27	63	196387	50.540	ug/l	97
25) 2-Butanone	7.21	43	102075	267.567	ug/l	96
26) 2,2-Dichloropropane	7.21	77	232723	56.748	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	148257	53.848	ug/l	99
28) Bromochloromethane	7.55	49	64833	46.906	ug/l	93
29) Tetrahydrofuran	7.56	42	58424	255.667	ug/l	96
30) Chloroform	7.71	83	246570	53.189	ug/l	99
31) Cyclohexane	7.98	56	163323	47.199	ug/l #	88
32) 1,1,1-Trichloroethane	7.90	97	260306	54.423	ug/l	100
36) 1,1-Dichloropropene	8.11	75	182002	54.765	ug/l	99
37) Ethyl Acetate	7.29	43	48294	55.974	ug/l	98
38) Carbon Tetrachloride	8.10	117	259599	60.122	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	217959	55.723	ug/l	96
40) Benzene	8.36	78	491291	54.575	ug/l	97
41) Methacrylonitrile	7.56	41	65998	127.970	ug/l #	13
42) 1,2-Dichloroethane	8.43	62	155552	55.927	ug/l	96
43) Isopropyl Acetate	8.46	43	94418	55.334	ug/l	99
44) Trichloroethene	9.11	130	162233	54.810	ug/l	96
45) 1,2-Dichloropropane	9.39	63	101958	52.385	ug/l	100
46) Dibromomethane	9.48	93	68707	55.520	ug/l	100
47) Bromodichloromethane	9.67	83	188992	56.188	ug/l	96
48) Methyl methacrylate	9.46	41	43316	49.166	ug/l #	82
49) 1,4-Dioxane	9.47	88	13506	1075.071	ug/l #	87
51) 4-Methyl-2-Pentanone	10.23	43	227236	278.455	ug/l	99
52) Toluene	10.41	92	338005	56.058	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	166331	57.739	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	191366	55.911	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	90076	55.012	ug/l	99
56) Ethyl methacrylate	10.67	69	98189	58.070	ug/l	97
57) 1,3-Dichloropropane	10.95	76	146068	55.437	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	203619	258.235	ug/l	100
59) 2-Hexanone	10.99	43	169221	296.572	ug/l	98
60) Dibromochloromethane	11.14	129	136047	56.168	ug/l	99
61) 1,2-Dibromoethane	11.25	107	87233	53.083	ug/l	96
64) Tetrachloroethene	10.88	164	142657	56.476	ug/l	97
65) Chlorobenzene	11.67	112	373281	56.815	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	152478	58.884	ug/l	99
67) Ethyl Benzene	11.75	91	659787	58.686	ug/l	98
68) m/p-Xylenes	11.86	106	508823	116.332	ug/l	100
69) o-Xylene	12.18	106	234423	60.030	ug/l	98
70) Styrene	12.20	104	398545	58.568	ug/l	98
71) Bromoform	12.37	173	77063	58.352	ug/l #	97
73) Isopropylbenzene	12.48	105	674849	59.541	ug/l	100
74) N-amyl acetate	12.29	43	83369	55.900	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	84157	54.451	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	122671	115.950	ug/l #	100
77) Bromobenzene	12.76	156	156029	56.054	ug/l	97
78) n-propylbenzene	12.83	91	753000	58.082	ug/l	100
79) 2-Chlorotoluene	12.91	91	432343	58.708	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	580805	59.987	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	27802	53.353	ug/l	95
82) 4-Chlorotoluene	13.01	91	459235	58.143	ug/l	98
83) tert-Butylbenzene	13.23	119	511384	62.320	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	572264	59.377	ug/l	99
85) sec-Butylbenzene	13.40	105	664955	60.028	ug/l	99
86) p-Isopropyltoluene	13.52	119	639854	59.816	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	301211	56.711	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	303266	56.389	ug/l	100
89) n-Butylbenzene	13.84	91	552860	59.835	ug/l	98
90) Hexachloroethane	14.11	117	118902	59.025	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	261923	56.979	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	17329	63.327	ug/l	94

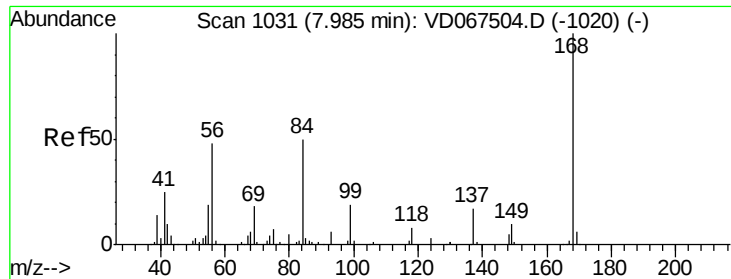
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112020\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	189131	60.620	ug/l	98
94) Hexachlorobutadiene	15.27	225	124367	59.560	ug/l	97
95) Naphthalene	15.40	128	308834	64.142	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	160114	59.929	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Instrument :

MSVOA_D

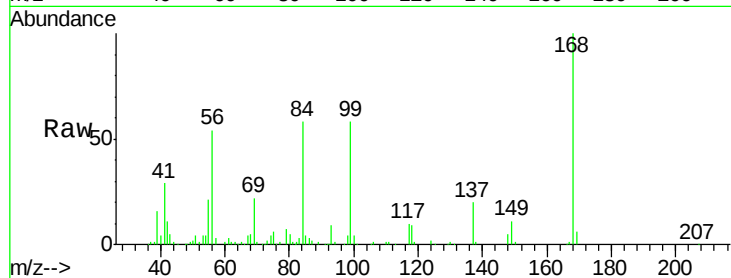
ClientSampleId :

Tot Ion:168 Resp: 272857

Ion Ratio Lower Upper

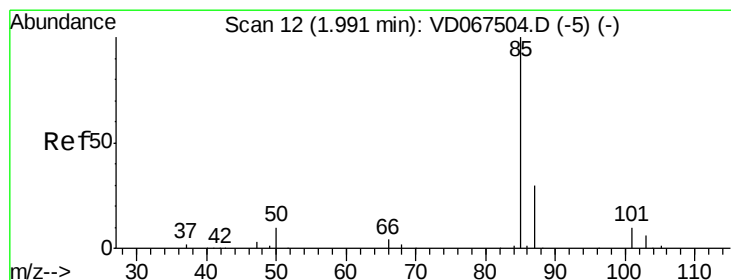
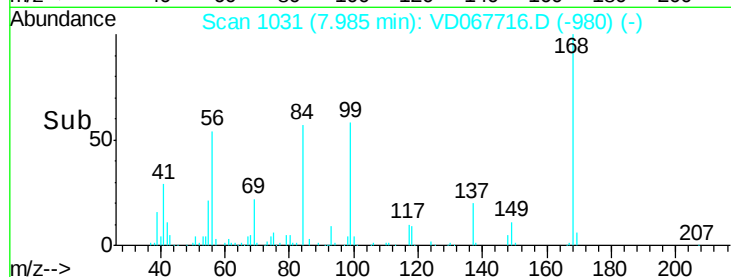
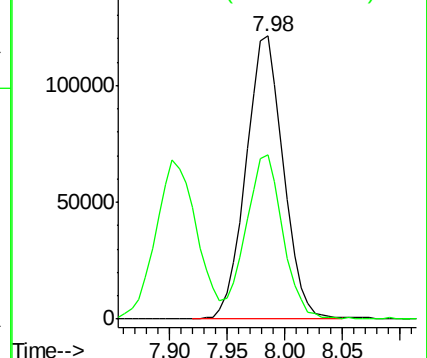
168 100

99 57.8 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: 51.552 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067716.D

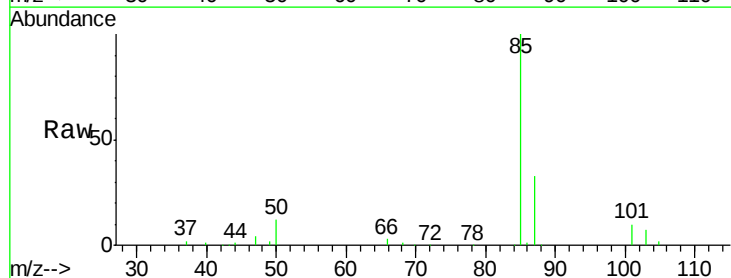
Acq: 20 Nov 2020 11:03

Tgt Ion: 85 Resp: 113552

Ion Ratio Lower Upper

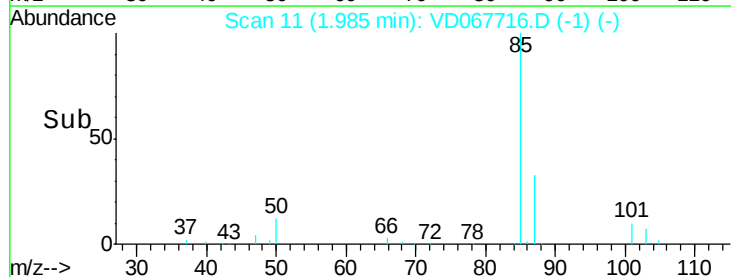
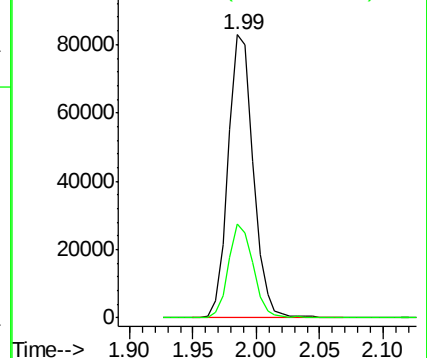
85 100

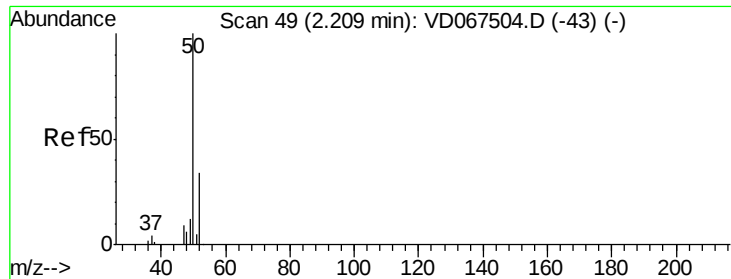
87 33.4 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 41.133 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Instrument :

MSVOA_D

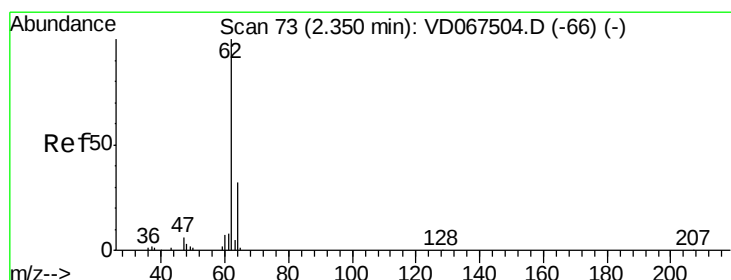
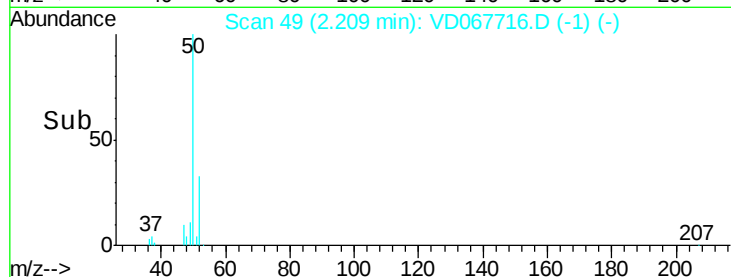
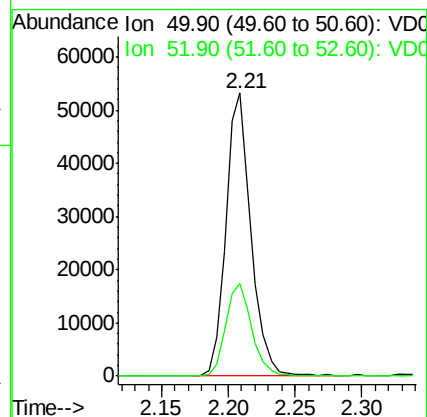
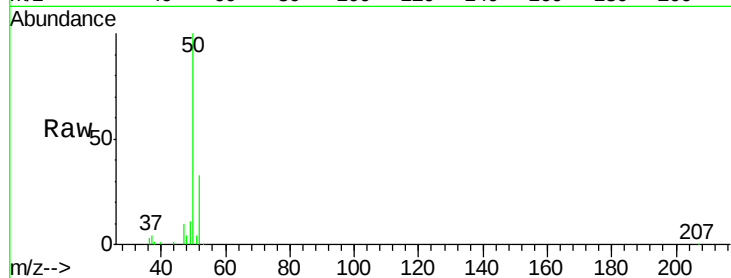
ClientSampleId :

Tot Ion: 50 Resp: 69890

Ion Ratio Lower Upper

50 100

52 32.7 27.3 40.9



#4

Vinyl Chloride

Concen: 44.631 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067716.D

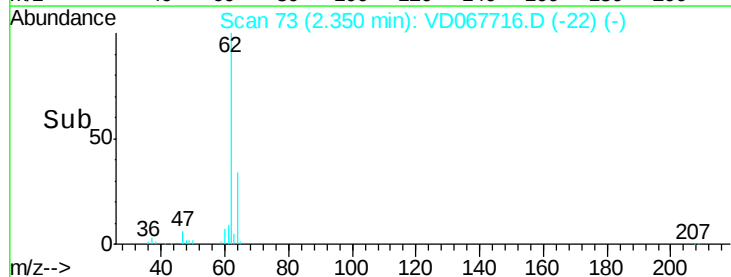
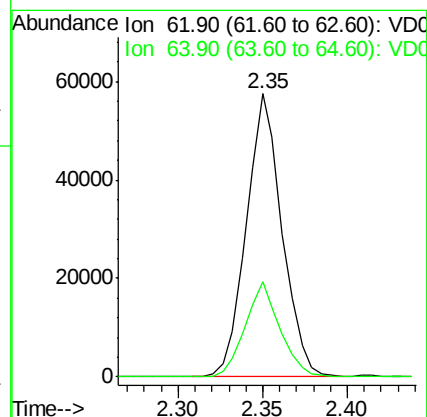
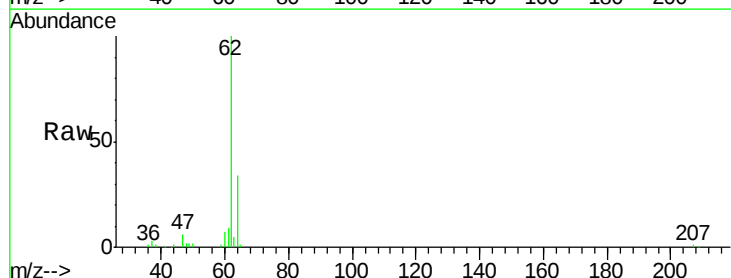
Acq: 20 Nov 2020 11:03

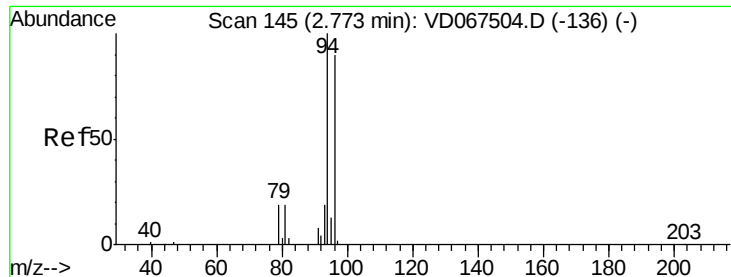
Tgt Ion: 62 Resp: 84549

Ion Ratio Lower Upper

62 100

64 33.5 25.6 38.4





#5

Bromomethane

Concen: 47.600 ug/l

RT: 2.77 min Scan# 145

Delta R.T. -0.00 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Instrument :

MSVOA_D

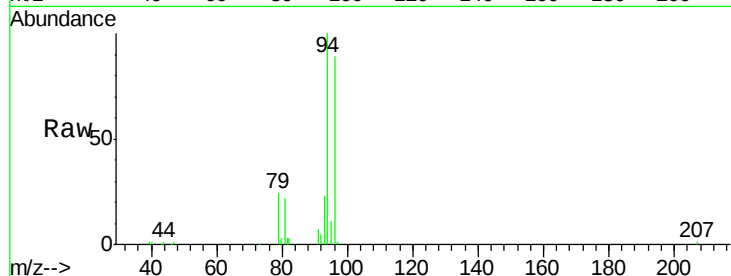
ClientSampled :

Tot Ion: 94 Resp: 73086

Ion Ratio Lower Upper

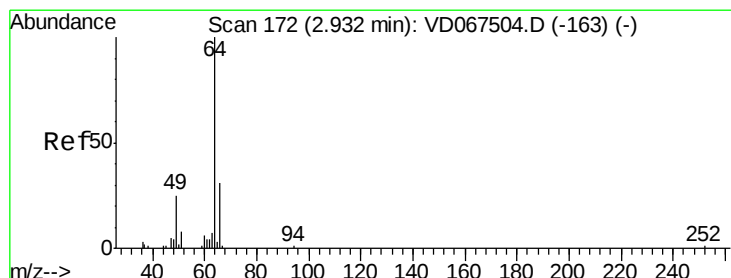
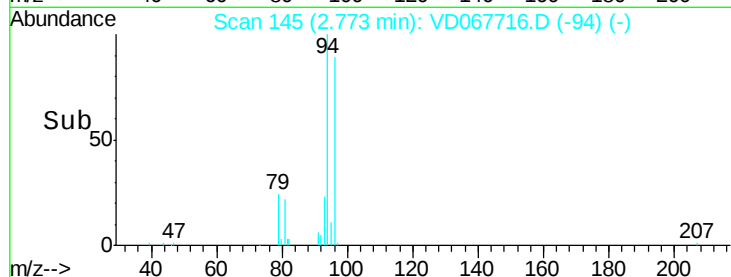
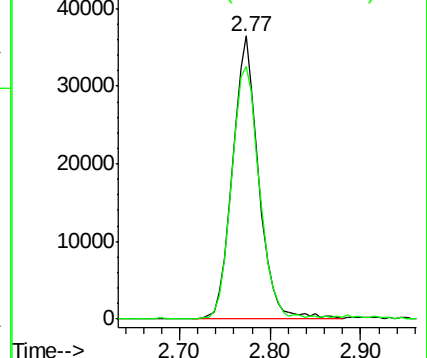
94 100

96 89.2 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: 46.893 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD067716.D

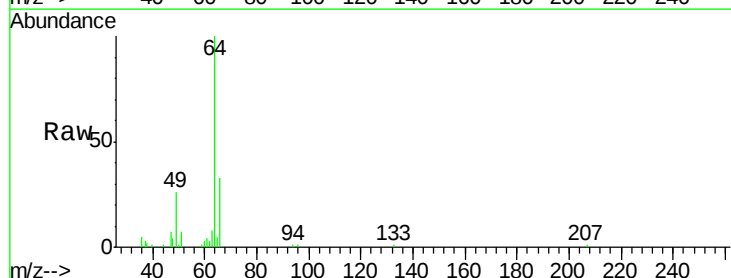
Acq: 20 Nov 2020 11:03

Tgt Ion: 64 Resp: 54767

Ion Ratio Lower Upper

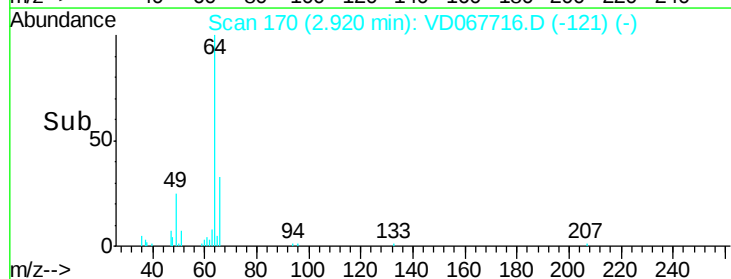
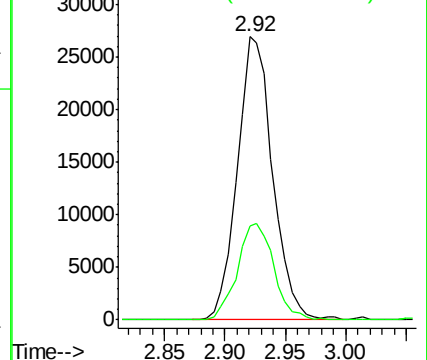
64 100

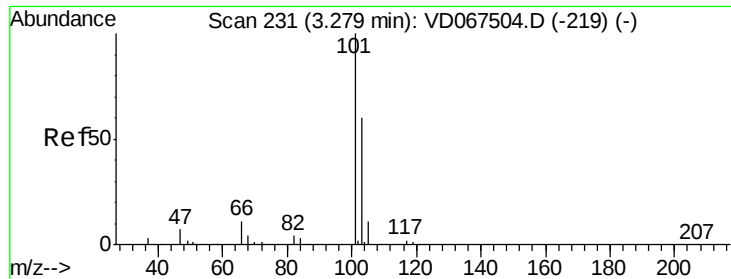
66 33.3 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



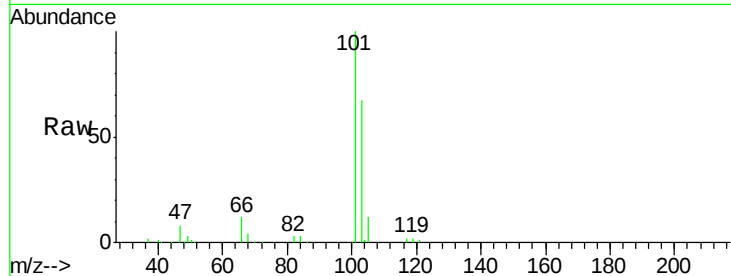


#7

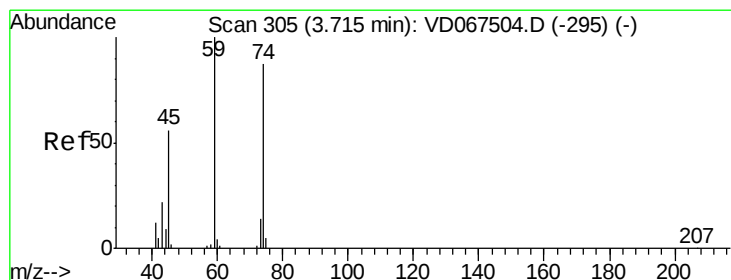
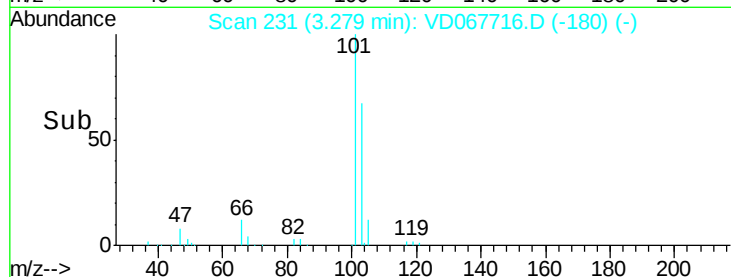
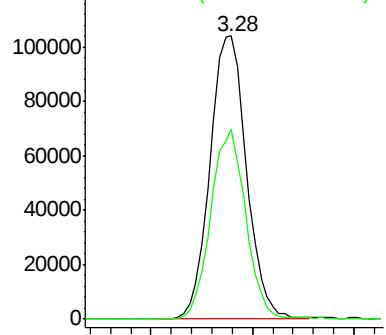
Trichlorofluoromethane
 Concen: 53.019 ug/l
 RT: 3.28 min Scan# 231
 Delta R.T. -0.00 min
 Lab File: VD067716.D
 Acq: 20 Nov 2020 11:03

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:101 Resp: 260059
 Ion Ratio Lower Upper
 101 100
 103 67.0 48.1 72.1



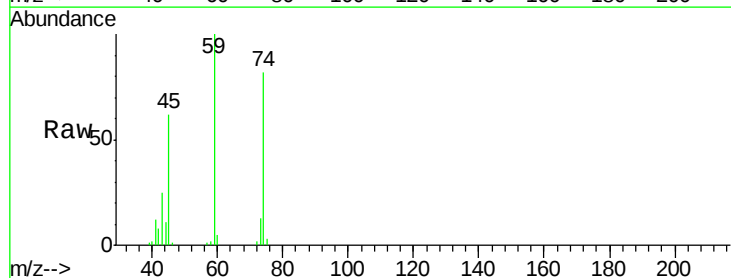
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



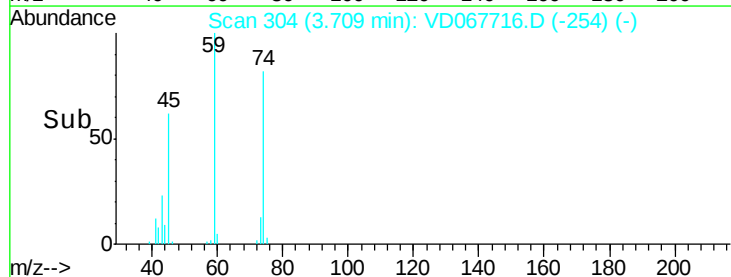
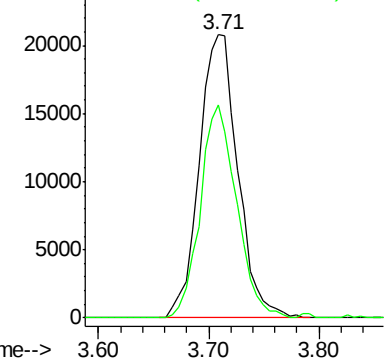
#8

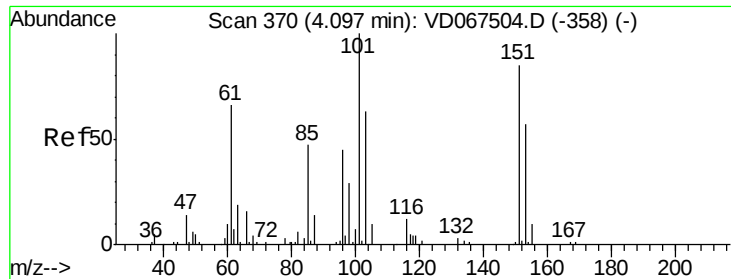
Diethyl Ether
 Concen: 51.379 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.01 min
 Lab File: VD067716.D
 Acq: 20 Nov 2020 11:03

Tgt Ion: 74 Resp: 50781
 Ion Ratio Lower Upper
 74 100
 45 70.9 38.2 114.6



Abundance Ion 74.00 (73.70 to 74.70): VDC
 Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.898 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Instrument :

MSVOA_D

ClientSampleId :

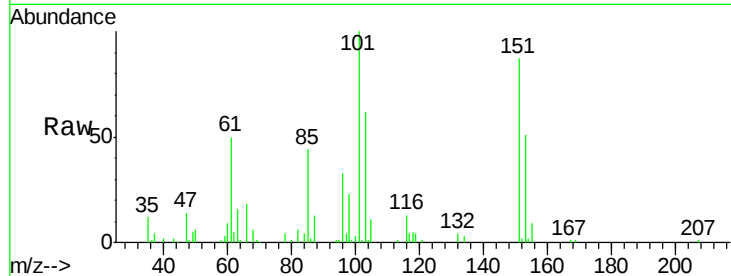
Tot Ion:101 Resp: 126019

Ion Ratio Lower Upper

101 100

85 45.2 34.4 51.6

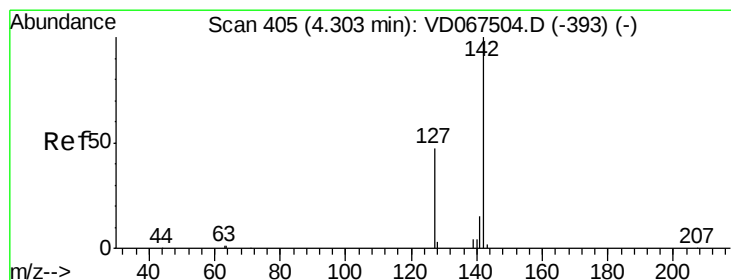
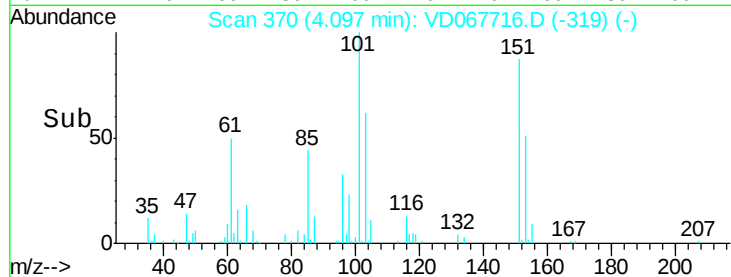
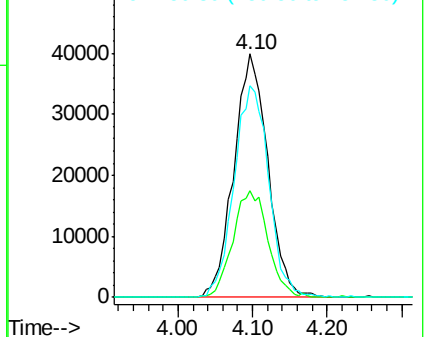
151 88.7 68.1 102.1



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: 52.954 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

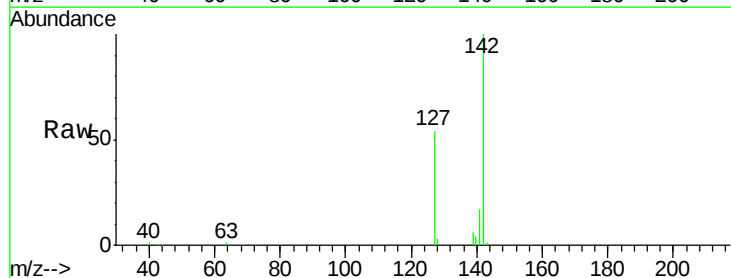
Tgt Ion:142 Resp: 140521

Ion Ratio Lower Upper

142 100

127 50.3 40.0 60.0

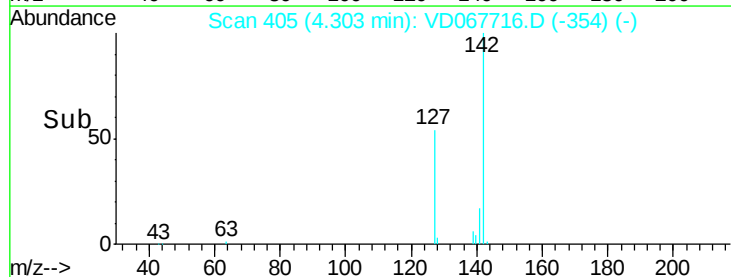
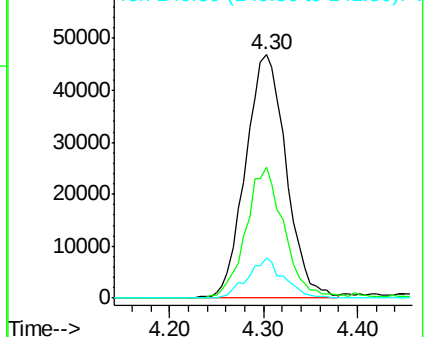
141 14.6 11.7 17.5

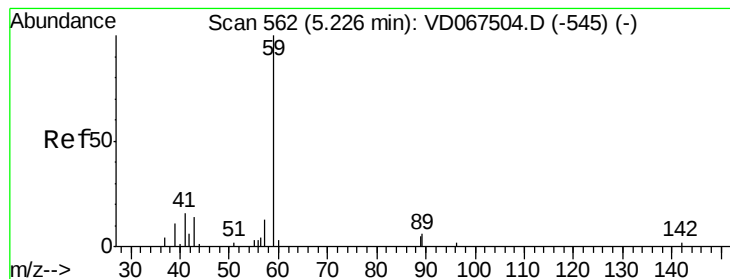


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



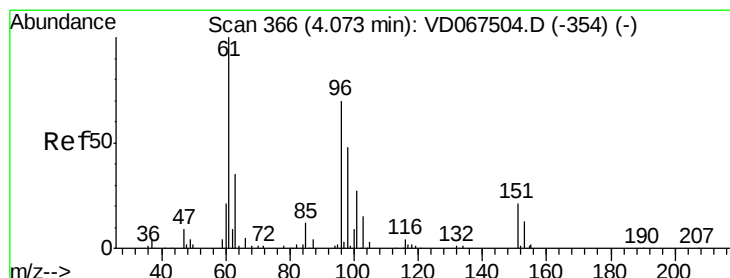
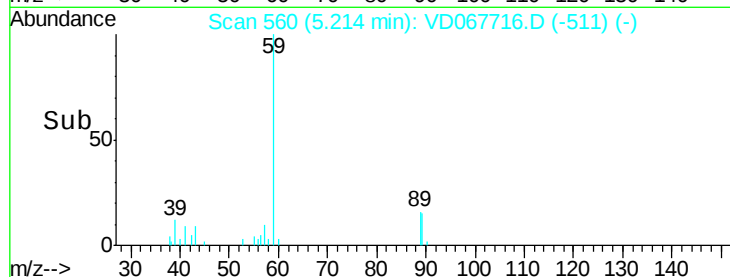
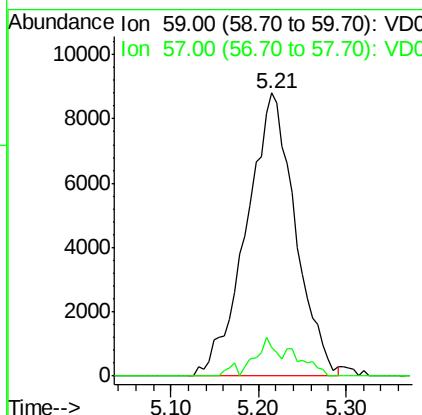
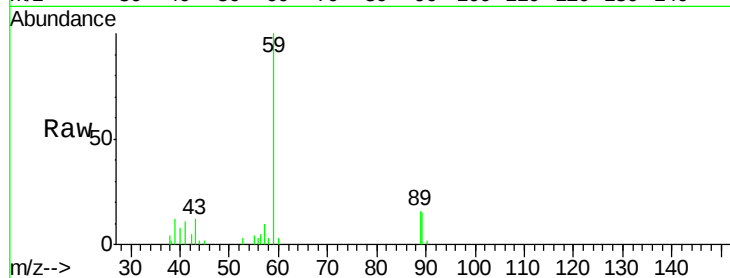


#11

Tert butyl alcohol
Concen: 335.901 ug/l
RT: 5.21 min Scan# 560
Delta R.T. -0.01 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampled :

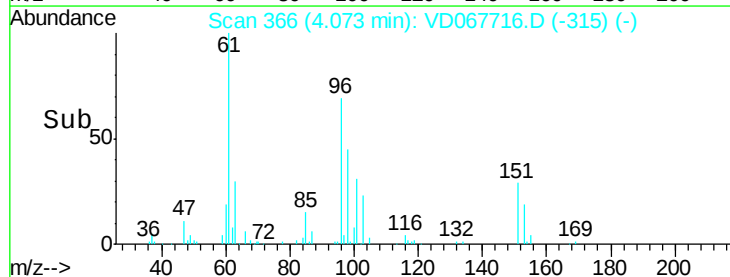
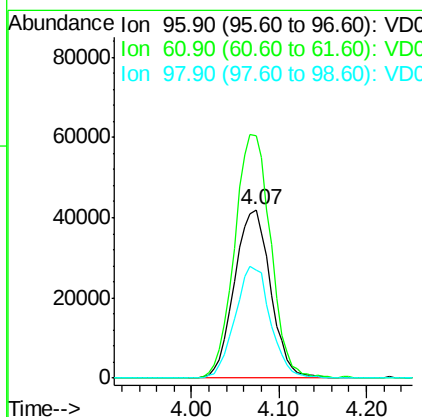
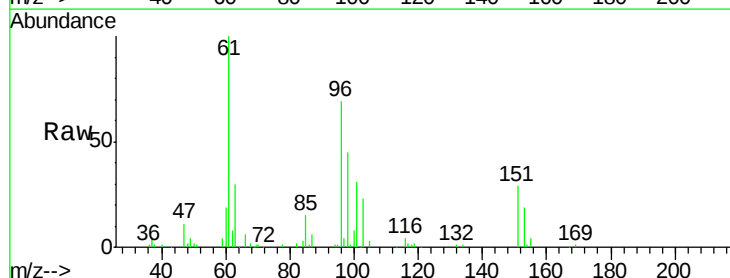
Tot Ion: 59 Resp: 33822
Ion Ratio Lower Upper
59 100
57 5.8 5.9 8.9#

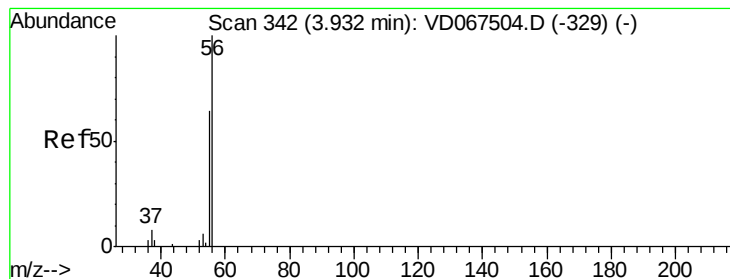


#12

1,1-Dichloroethene
Concen: 51.643 ug/l
RT: 4.07 min Scan# 366
Delta R.T. -0.00 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Tgt Ion: 96 Resp: 117613
Ion Ratio Lower Upper
96 100
61 144.2 114.5 171.7
98 64.4 54.5 81.7





#13

Acrolein

Concen: 214.652 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Instrument :

MSVOA_D

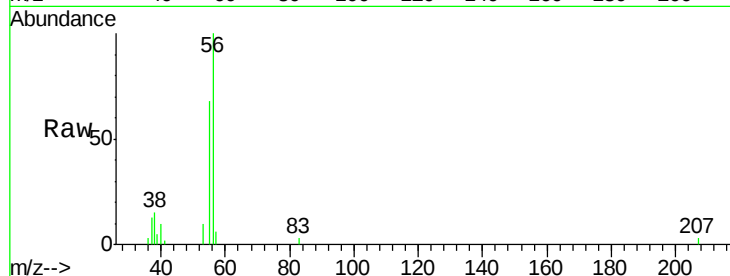
ClientSampled :

Tot Ion: 56 Resp: 22252

Ion Ratio Lower Upper

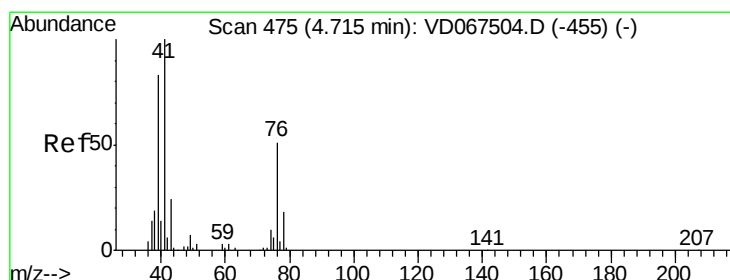
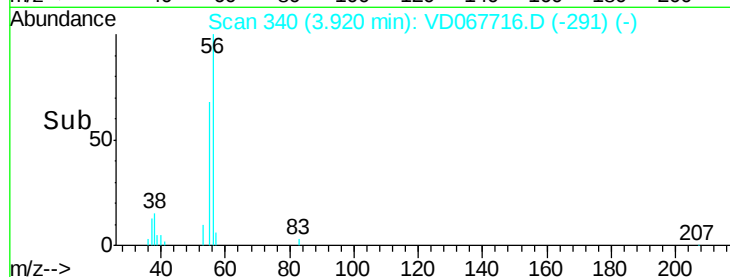
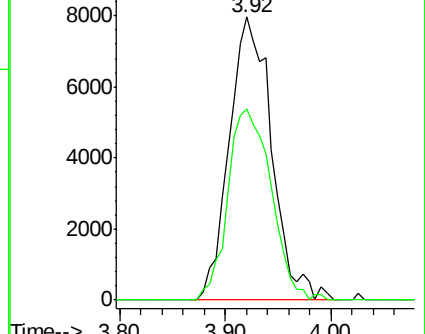
56 100

55 68.8 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: 49.323 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

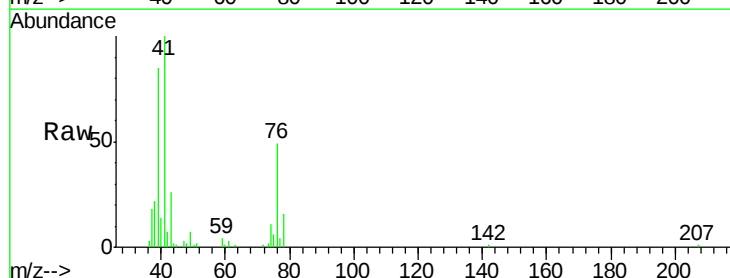
Tgt Ion: 41 Resp: 120220

Ion Ratio Lower Upper

41 100

39 91.4 67.4 101.0

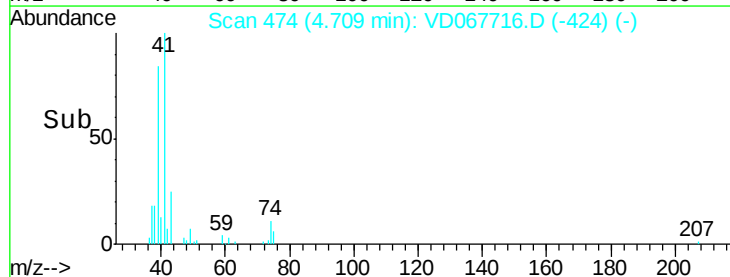
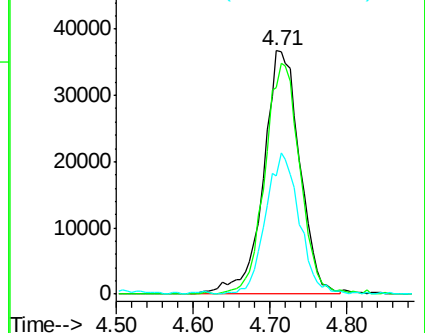
76 53.7 42.2 63.2

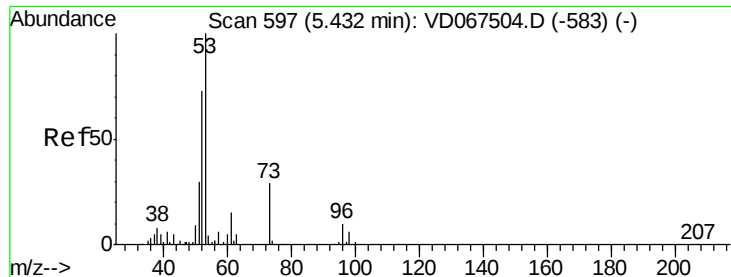


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 255.631 ug/l

RT: 5.42 min Scan# 595

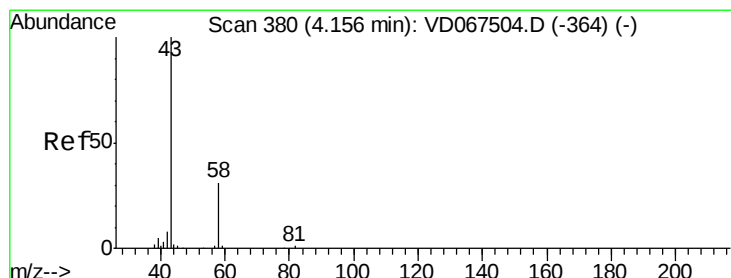
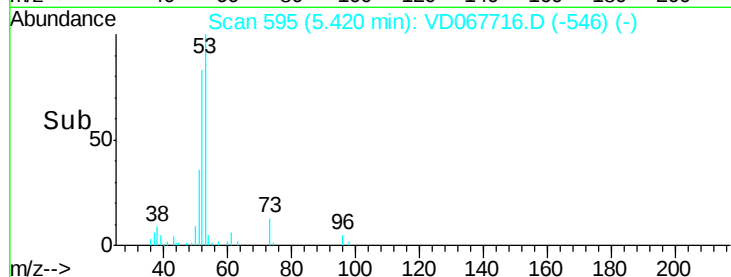
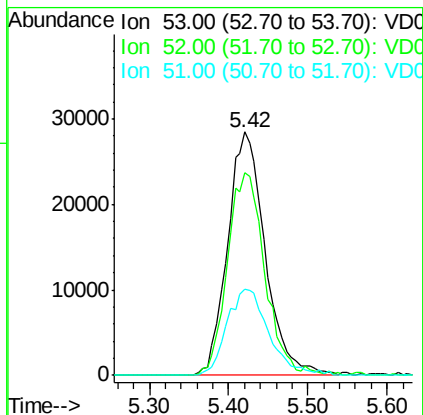
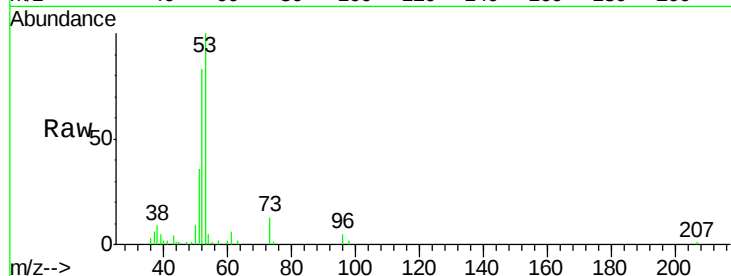
Delta R.T. -0.01 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:	53	Resp:	93395
Ion	Ratio	Lower	Upper
53	100		
52	81.8	64.8	97.2
51	39.0	29.5	44.3



#16

Acetone

Concen: 294.090 ug/l

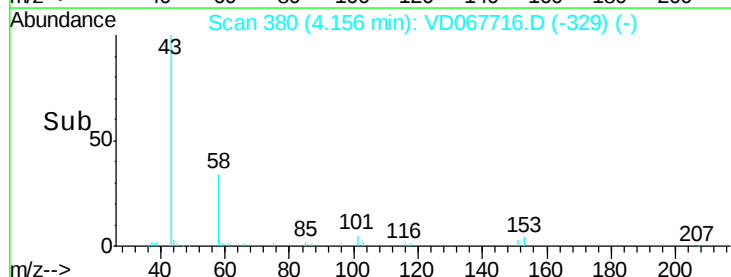
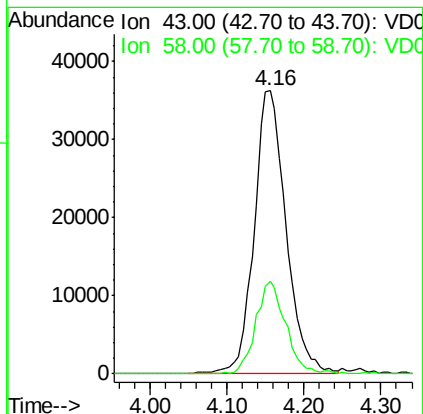
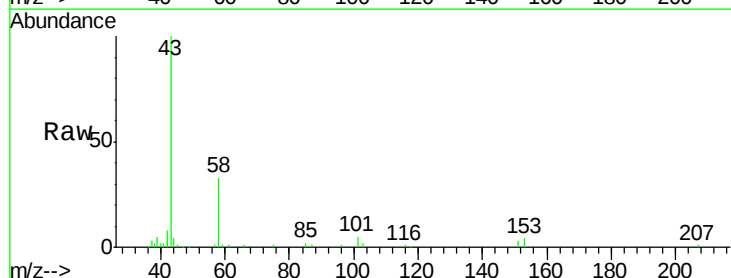
RT: 4.16 min Scan# 380

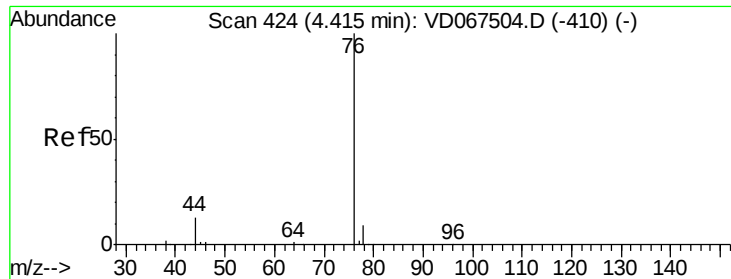
Delta R.T. -0.00 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Tgt Ion:	43	Resp:	104998
Ion	Ratio	Lower	Upper
43	100		
58	32.8	25.2	37.8

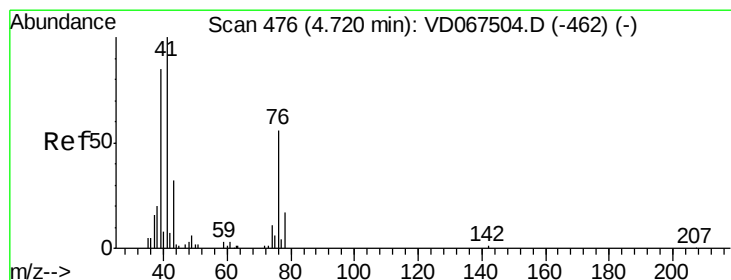
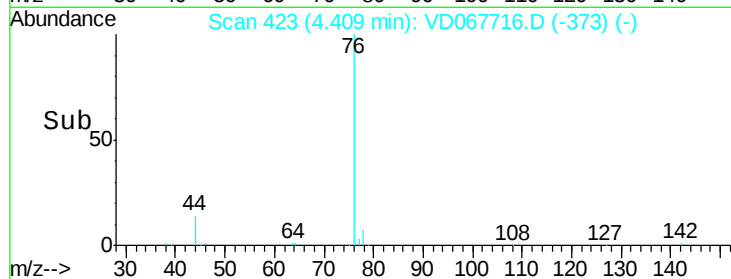
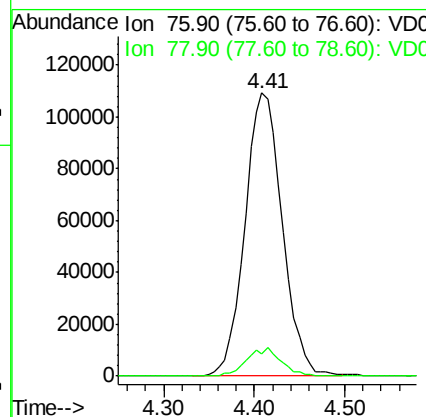
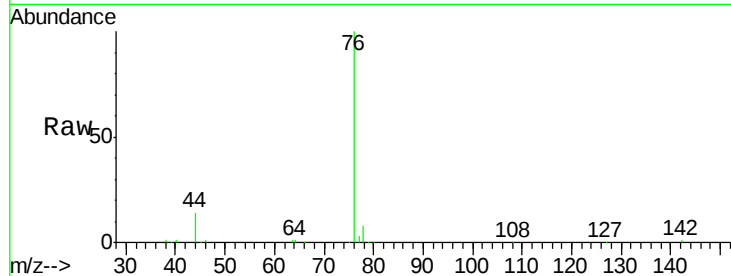




#17
Carbon Disulfide
Concen: 44.698 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.01 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

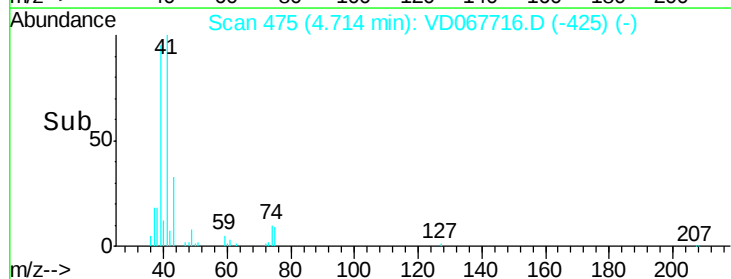
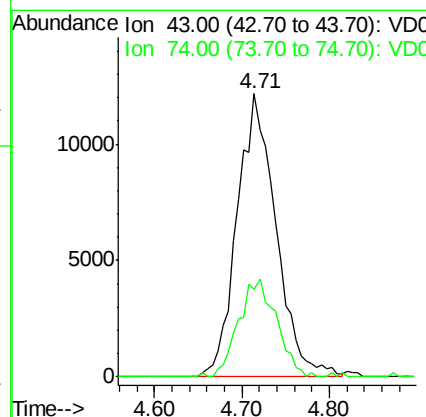
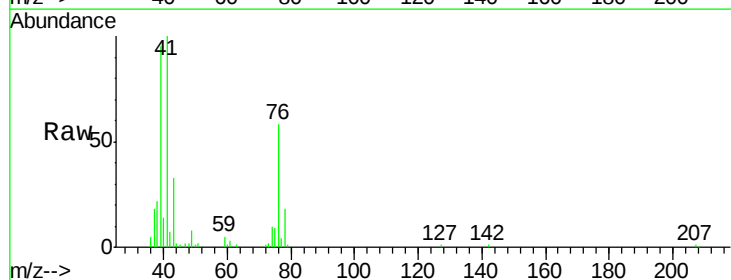
Instrument :
MSVOA_D
ClientSampled :

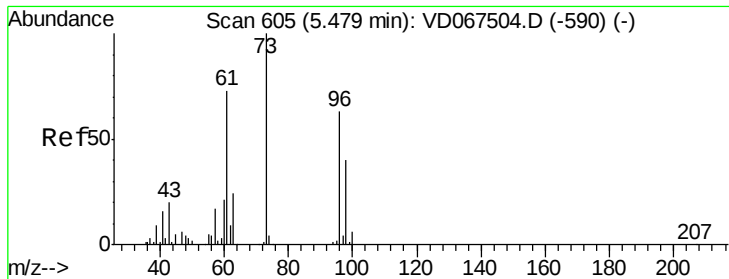
Tot Ion: 76 Resp: 311927
Ion Ratio Lower Upper
76 100
78 8.0 7.2 10.8



#18
Methyl Acetate
Concen: 49.936 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Tgt Ion: 43 Resp: 36842
Ion Ratio Lower Upper
43 100
74 33.5 27.2 40.8

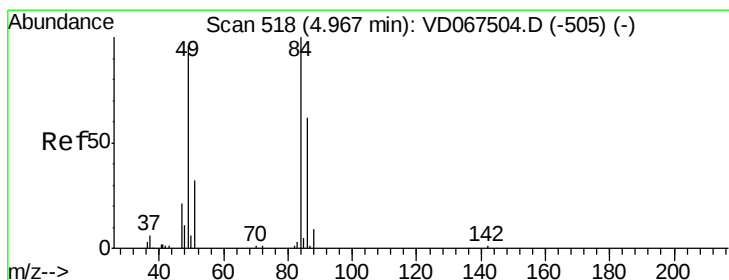
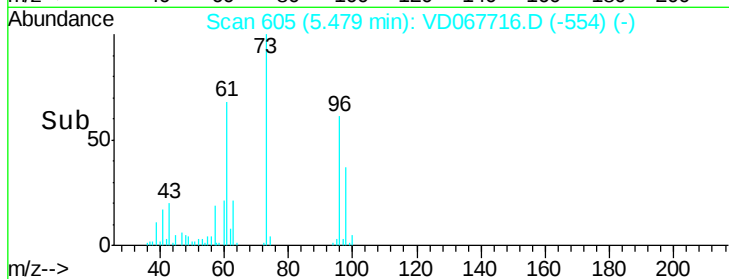
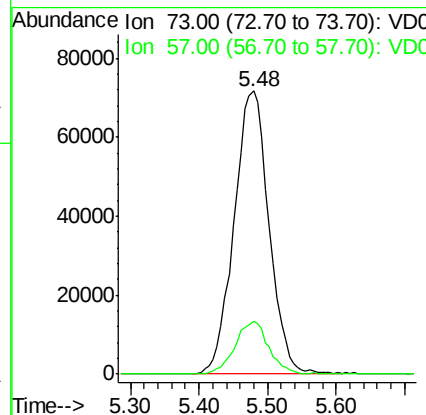
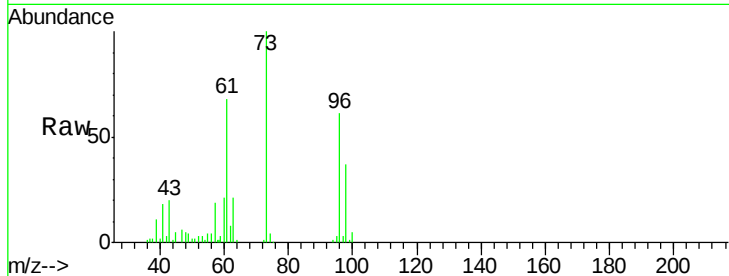




#19
Methvl tert-butvl Ether
Concen: 56.382 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

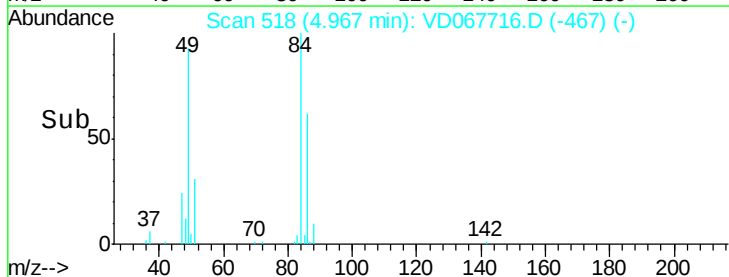
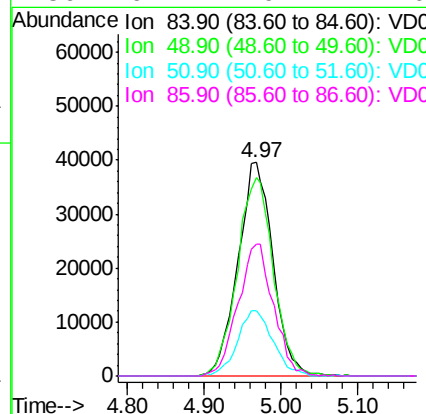
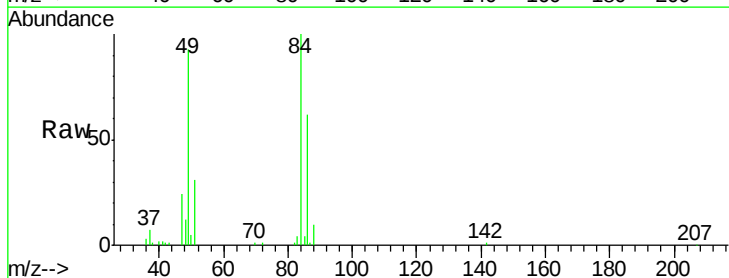
Instrument :
MSVOA_D
ClientSampled :

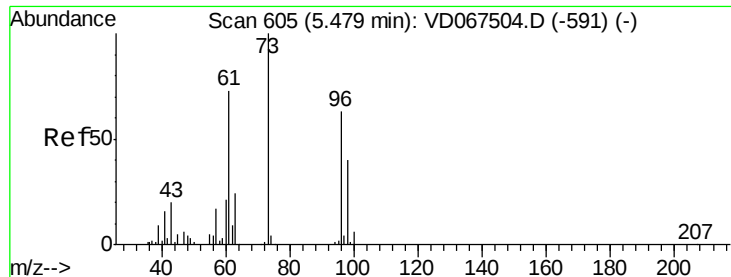
Tot Ion: 73 Resp: 253280
Ion Ratio Lower Upper
73 100
57 18.8 13.4 20.0



#20
Methylene Chloride
Concen: 49.929 ug/l
RT: 4.97 min Scan# 518
Delta R.T. -0.00 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Tgt Ion: 84 Resp: 125920
Ion Ratio Lower Upper
84 100
49 93.1 77.0 115.4
51 30.6 25.4 38.2
86 61.7 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 50.666 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Instrument :

MSVOA_D

ClientSampleId :

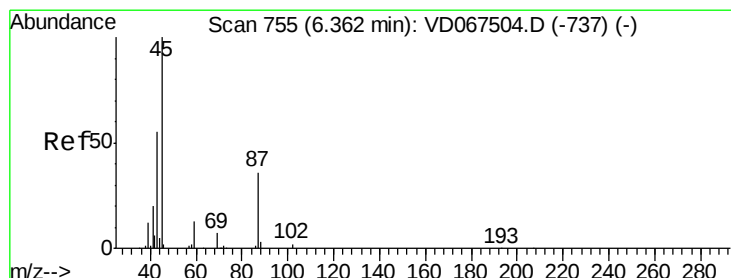
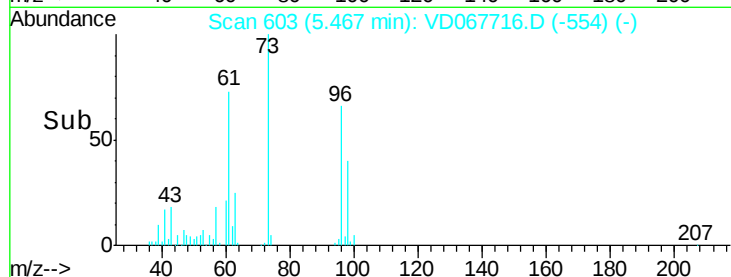
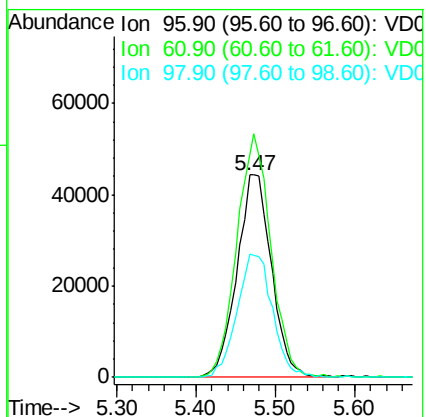
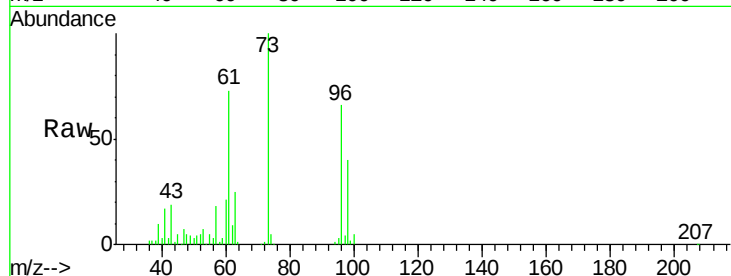
Tot Ion: 96 Resp: 134396

Ion Ratio Lower Upper

96 100

61 110.1 93.0 139.6

98 61.1 50.9 76.3



#22

Diisopropyl ether

Concen: 51.370 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Tgt Ion: 45 Resp: 243998

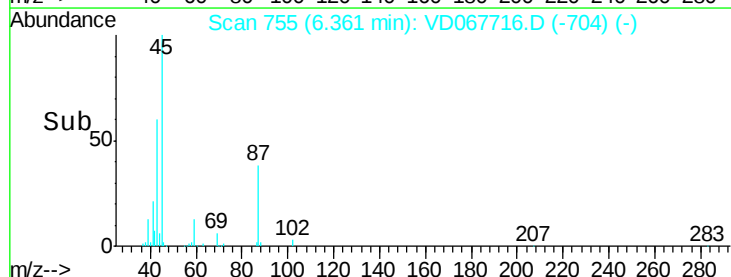
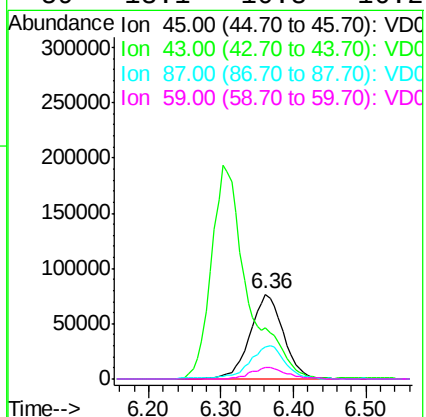
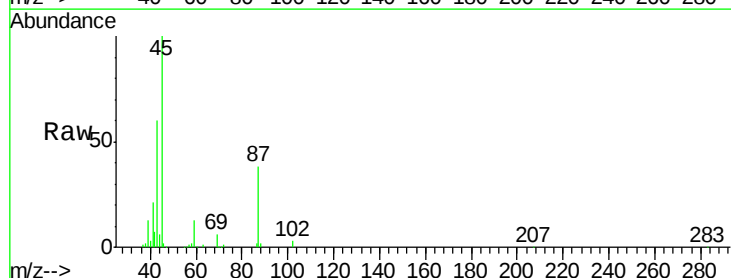
Ion Ratio Lower Upper

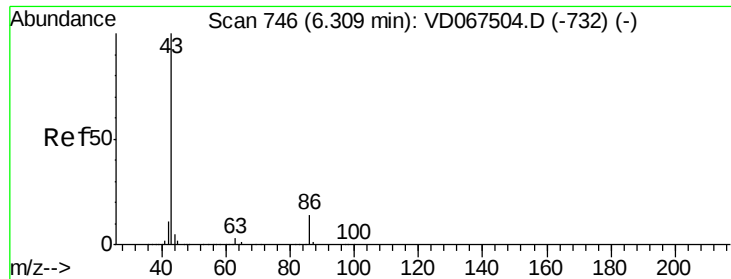
45 100

43 58.9 46.2 69.4

87 37.3 29.4 44.2

59 13.1 10.8 16.2





#23

Vinyl Acetate

Concen: 270.303 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Instrument :

MSVOA_D

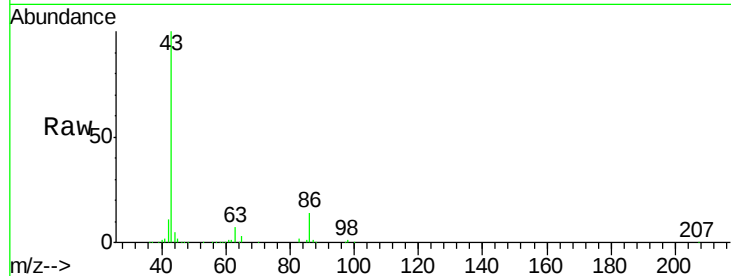
ClientSampleId :

Tot Ion: 43 Resp: 672050

Ion Ratio Lower Upper

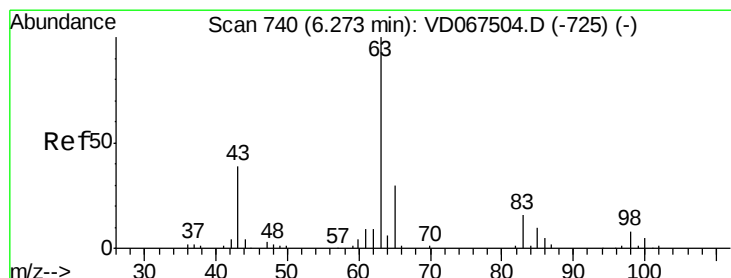
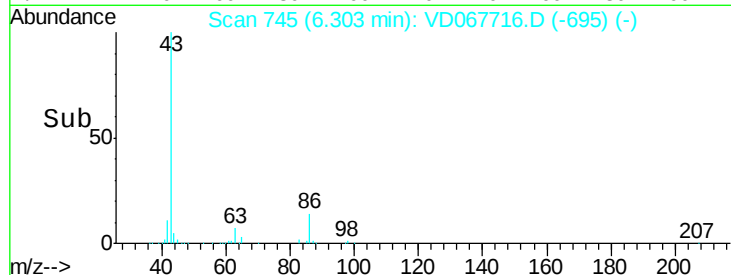
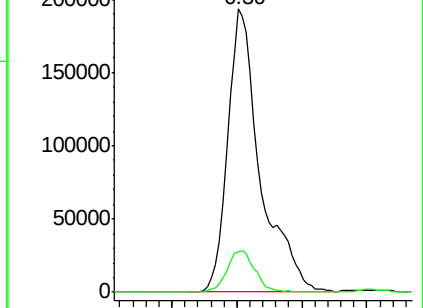
43 100

86 14.4 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: 50.540 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

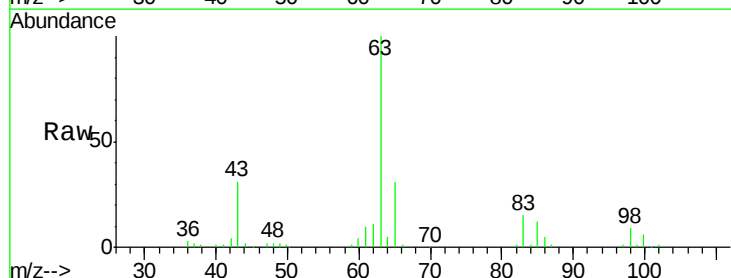
Tgt Ion: 63 Resp: 196387

Ion Ratio Lower Upper

63 100

98 9.5 3.9 11.5

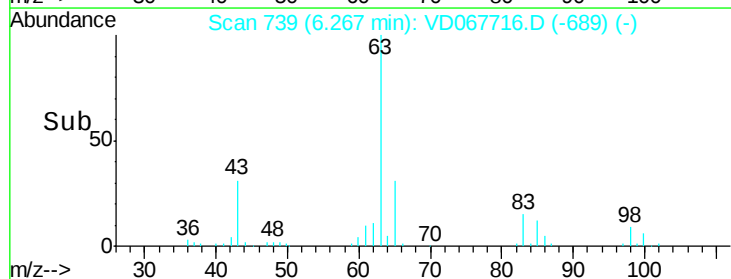
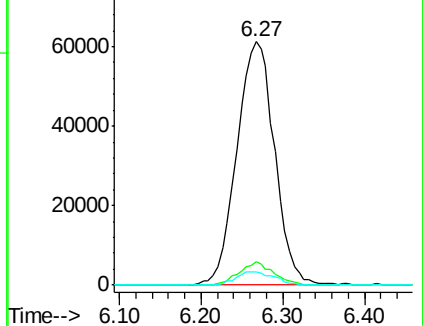
100 5.6 2.6 7.8

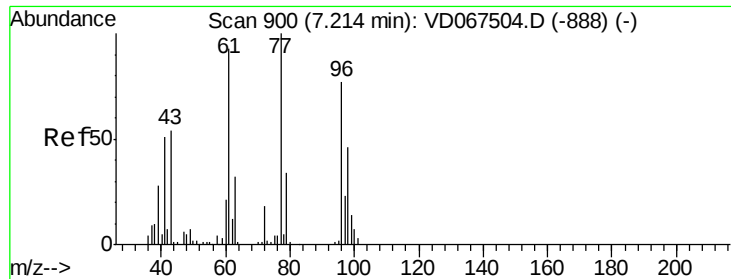


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 267.567 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Instrument :

MSVOA_D

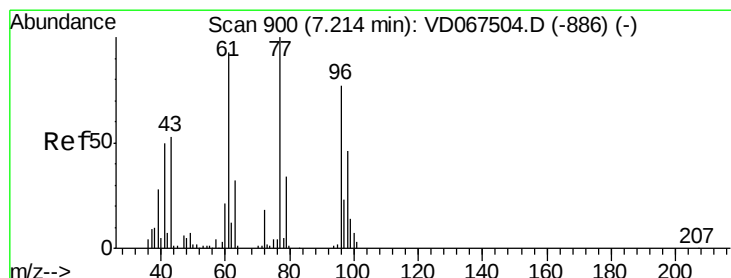
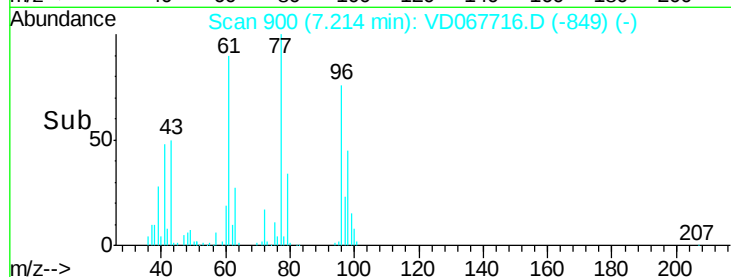
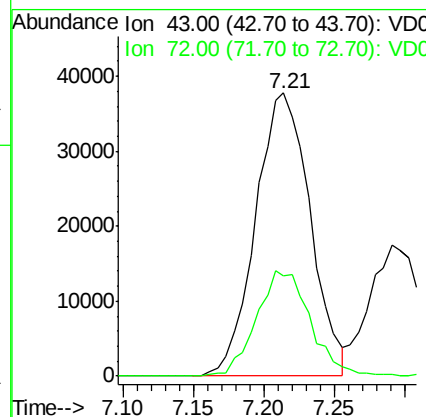
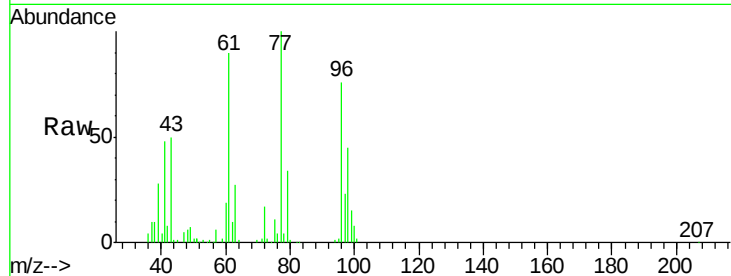
ClientSampled :

Tot Ion: 43 Resp: 102075

Ion Ratio Lower Upper

43 100

72 35.3 26.4 39.6



#26

2,2-Dichloropropane

Concen: 56.748 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067716.D

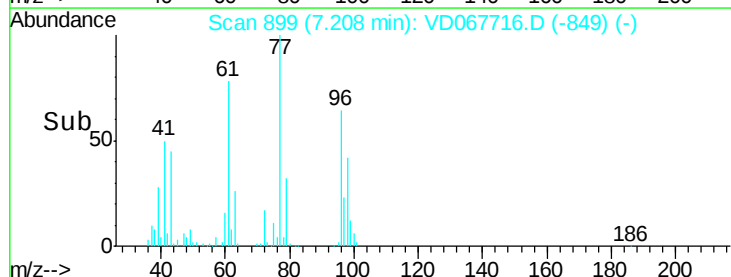
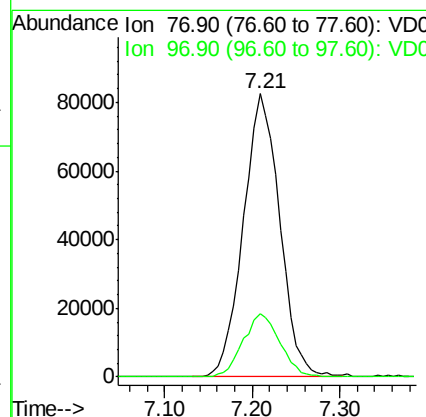
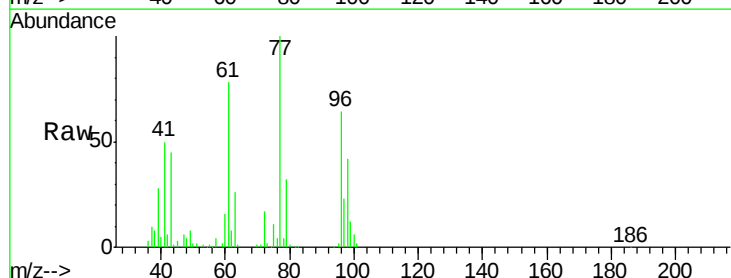
Acq: 20 Nov 2020 11:03

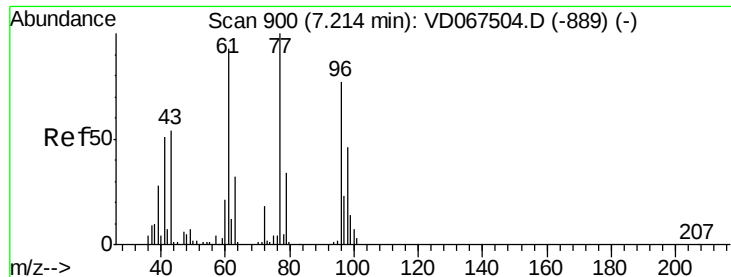
Tgt Ion: 77 Resp: 232723

Ion Ratio Lower Upper

77 100

97 22.7 11.1 33.3



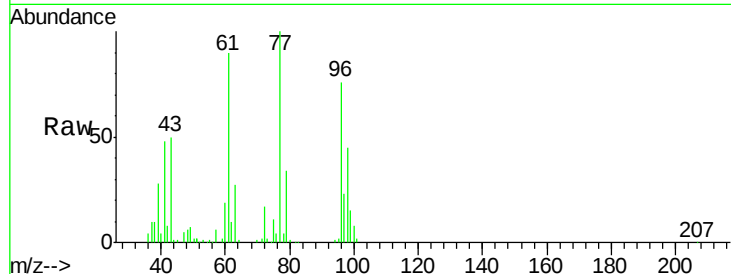


#27

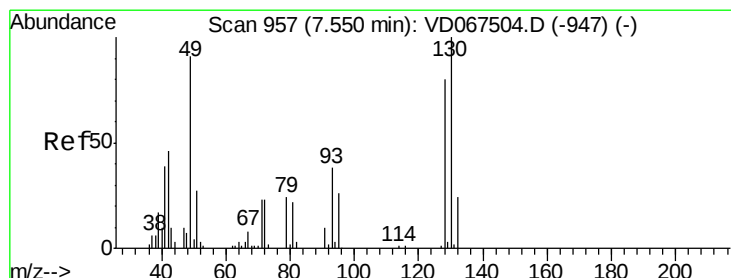
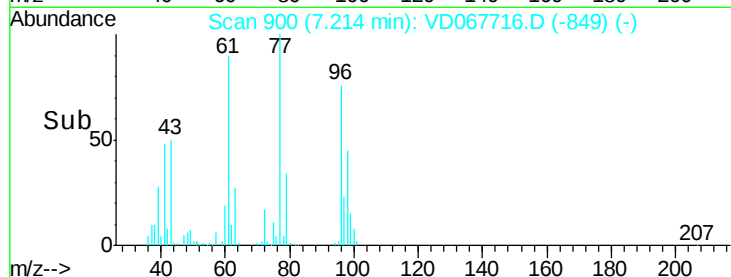
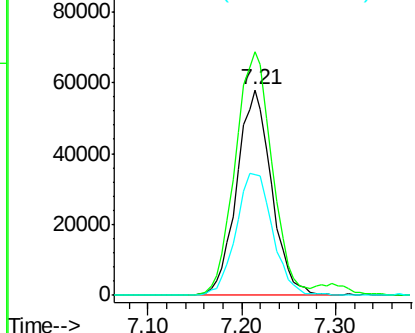
cis-1,2-Dichloroethene
Concen: 53.848 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 96 Resp: 148257
Ion Ratio Lower Upper
96 100
61 125.9 0.0 251.6
98 62.9 0.0 128.0



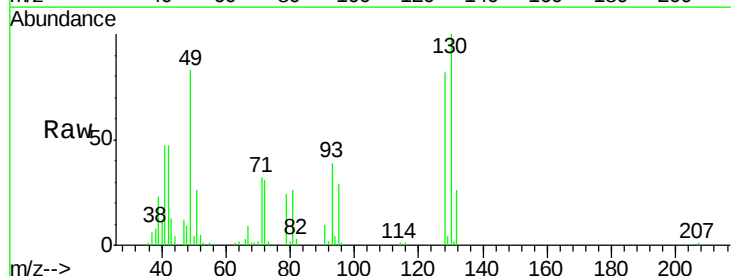
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



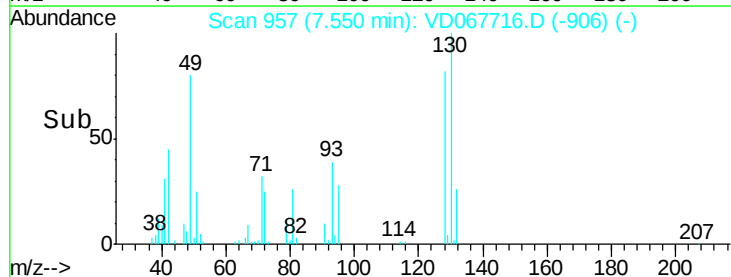
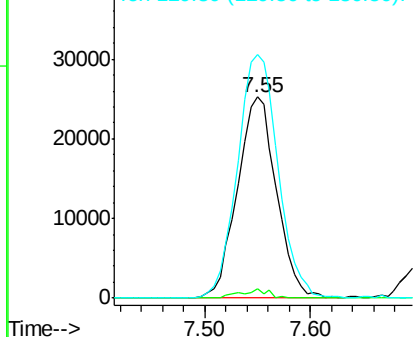
#28

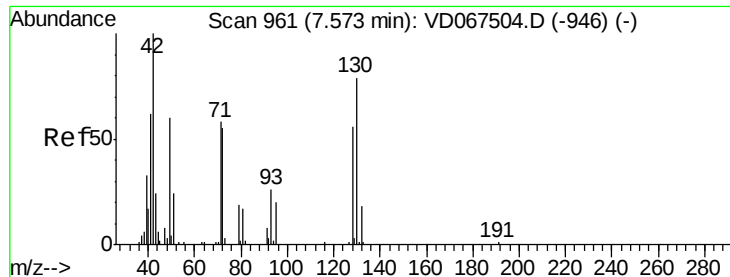
Bromochloromethane
Concen: 46.906 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.00 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Tgt Ion: 49 Resp: 64833
Ion Ratio Lower Upper
49 100
129 3.2 0.0 6.4
130 125.8 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: 255.667 ug/l

RT: 7.56 min Scan# 959

Delta R.T. -0.01 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Instrument :

MSVOA_D

ClientSampleId :

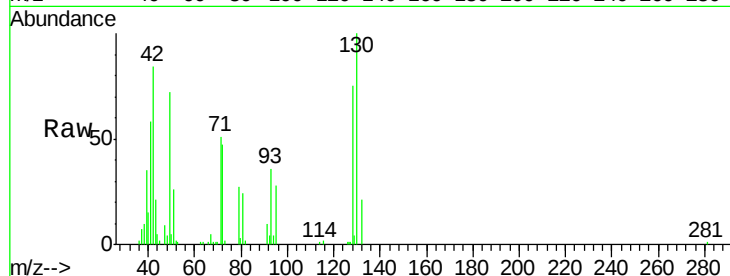
Tot Ion: 42 Resp: 58424

Ion Ratio Lower Upper

42 100

72 62.5 46.3 69.5

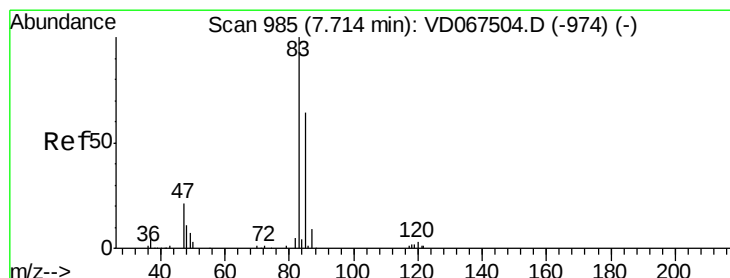
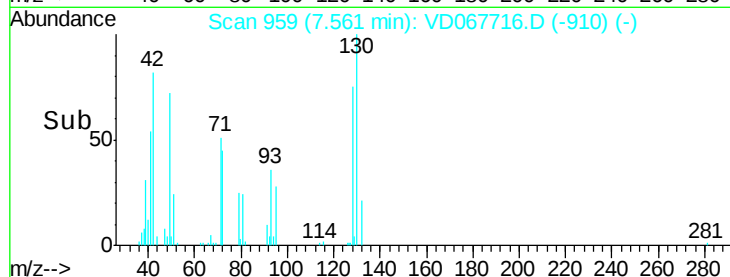
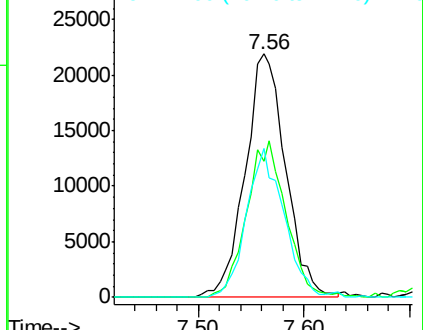
71 56.3 44.0 66.0



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: 53.189 ug/l

RT: 7.71 min Scan# 985

Delta R.T. -0.00 min

Lab File: VD067716.D

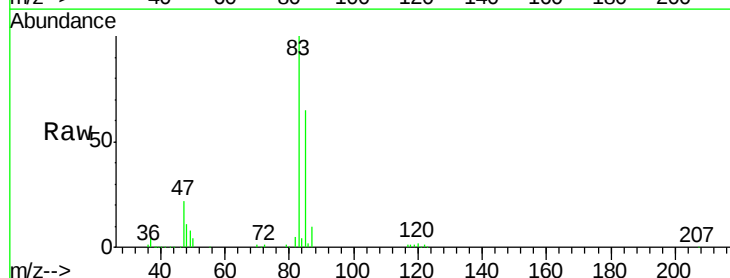
Acq: 20 Nov 2020 11:03

Tgt Ion: 83 Resp: 246570

Ion Ratio Lower Upper

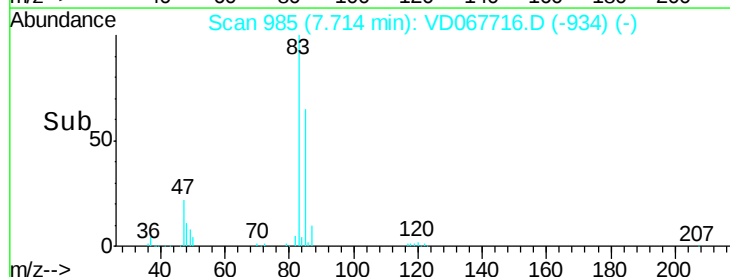
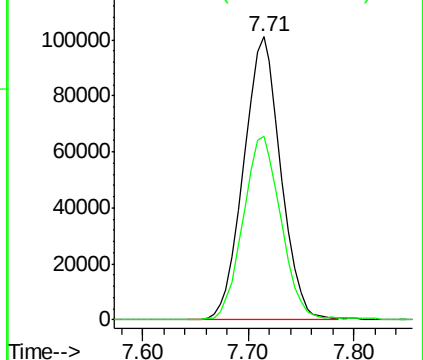
83 100

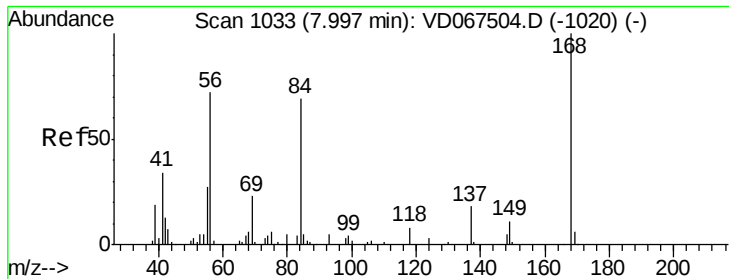
85 65.0 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

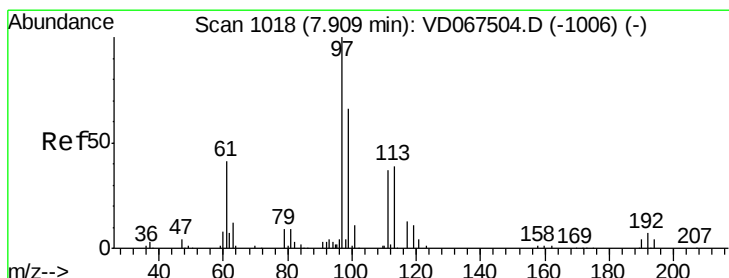
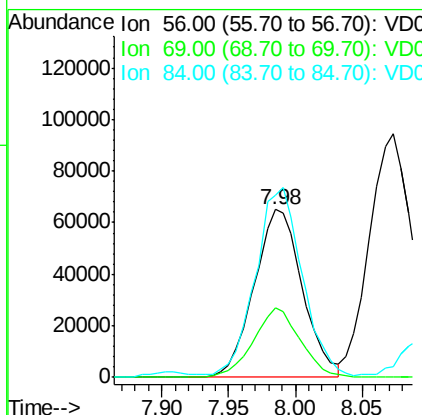
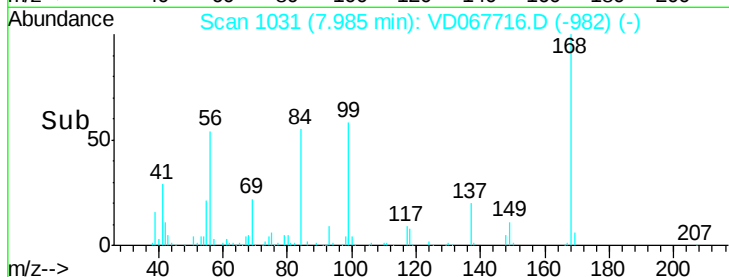
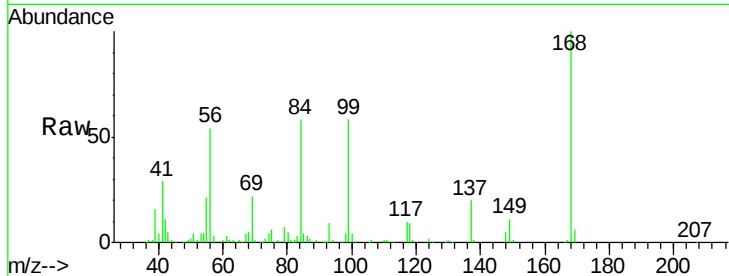




#31
Cyclohexane
Concen: 47.199 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

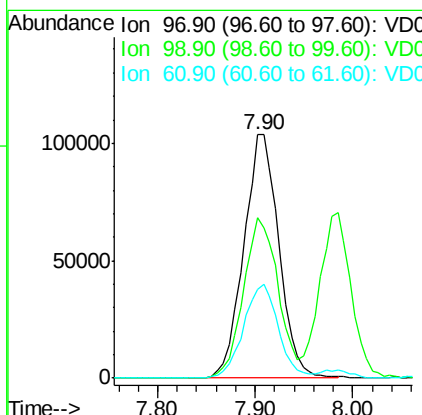
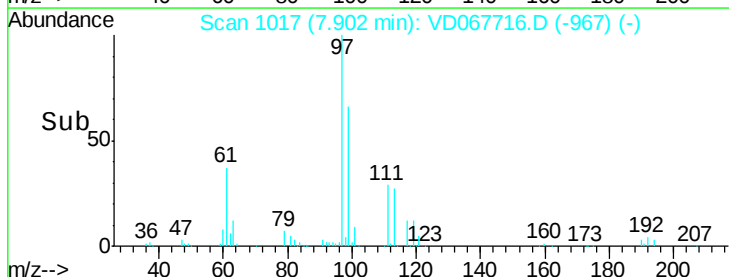
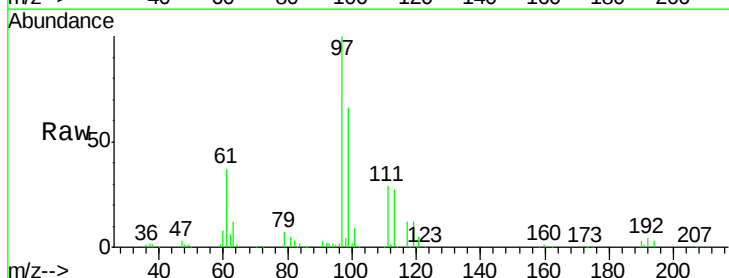
Instrument :
MSVOA_D
ClientSampled :

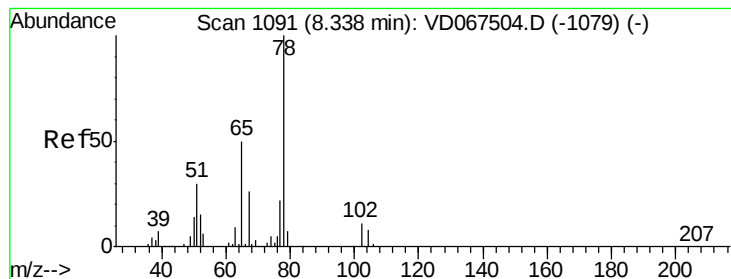
Tot Ion: 56 Resp: 163323
Ion Ratio Lower Upper
56 100
69 41.1 25.9 38.9#
84 106.2 76.2 114.4



#32
1,1,1-Trichloroethane
Concen: 54.423 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Tgt Ion: 97 Resp: 260306
Ion Ratio Lower Upper
97 100
99 64.9 51.8 77.6
61 38.3 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 46.127 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Instrument :

MSVOA_D

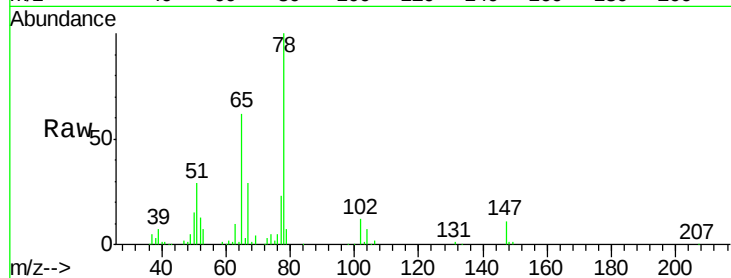
ClientSampleId :

Tot Ion: 65 Resp: 110052

Ion Ratio Lower Upper

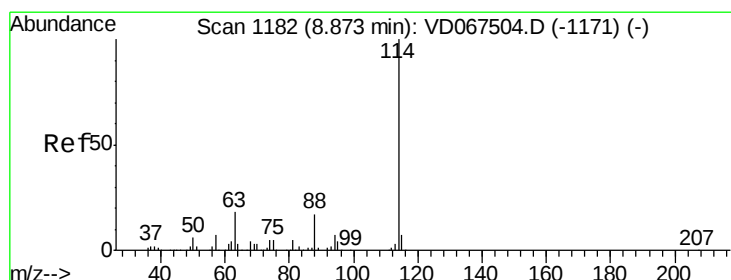
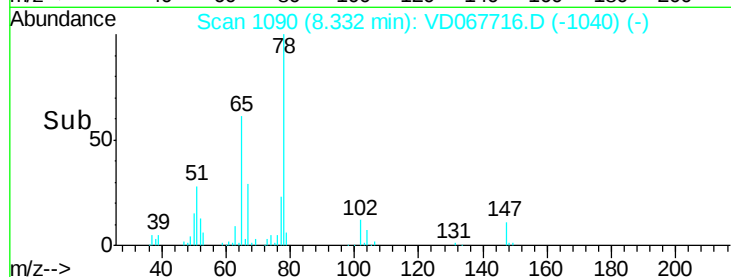
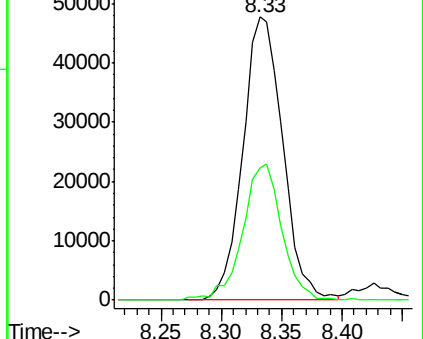
65 100

67 47.4 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

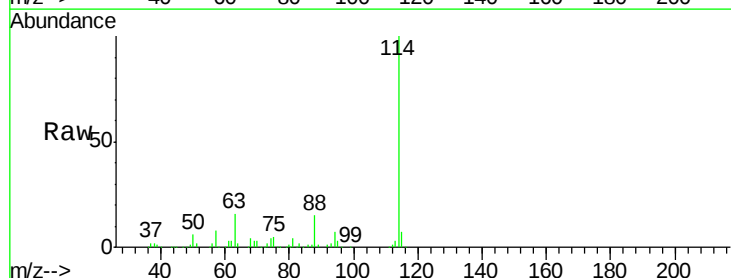
Tgt Ion: 114 Resp: 388244

Ion Ratio Lower Upper

114 100

63 16.4 0.0 35.0

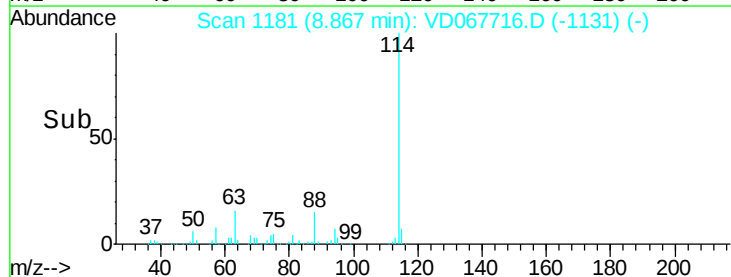
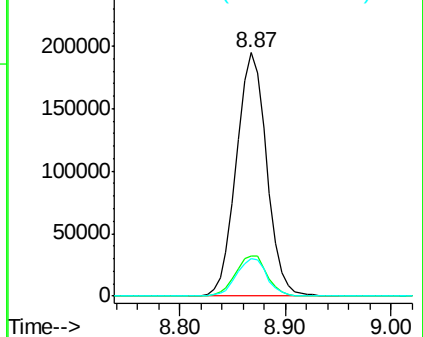
88 15.2 0.0 33.0

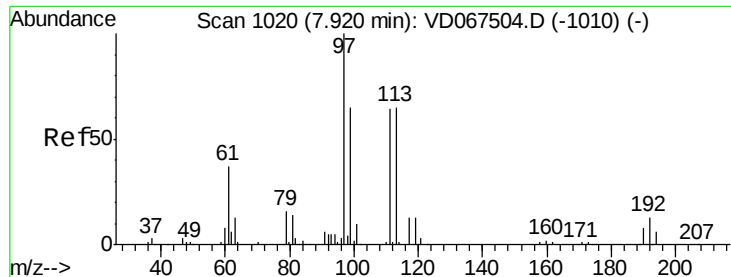


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 47.414 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :

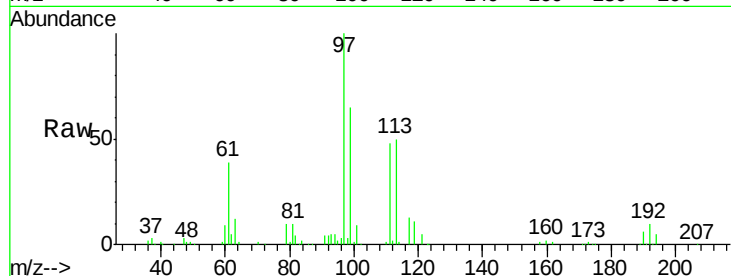
Tot Ion:113 Resp: 110908

Ion Ratio Lower Upper

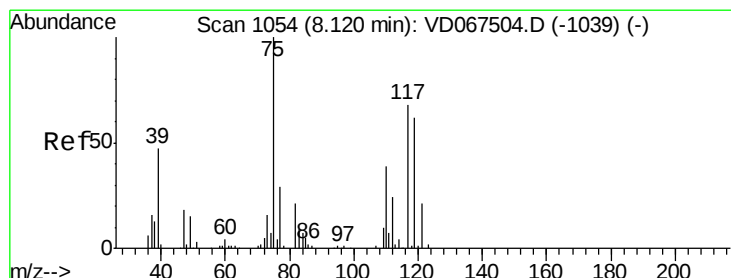
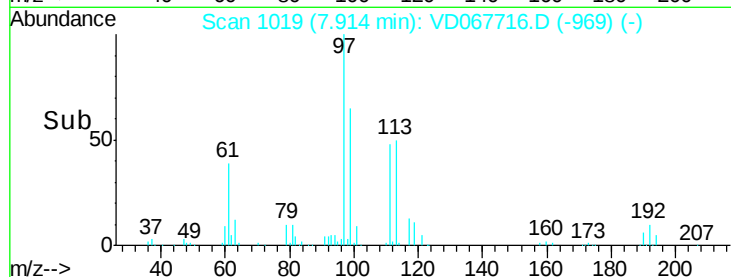
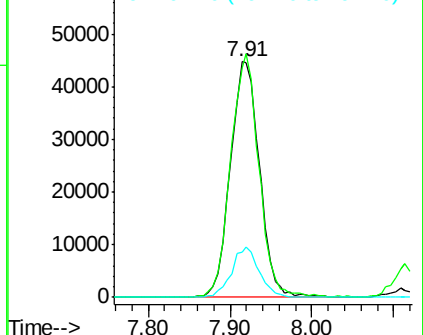
113 100

111 100.0 80.0 120.0

192 20.0 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: 54.765 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

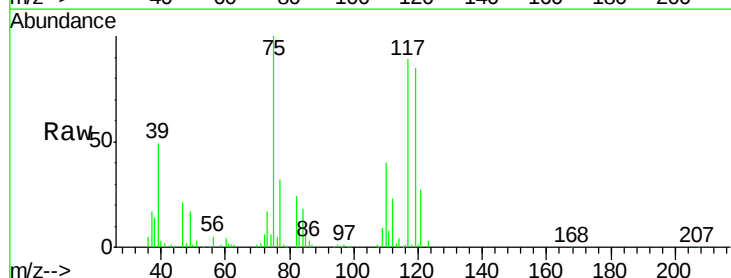
Tgt Ion: 75 Resp: 182002

Ion Ratio Lower Upper

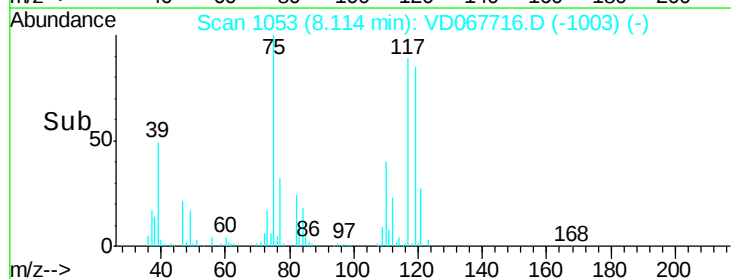
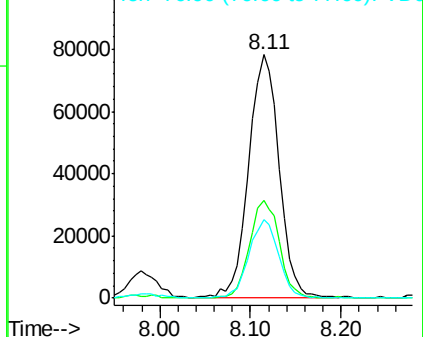
75 100

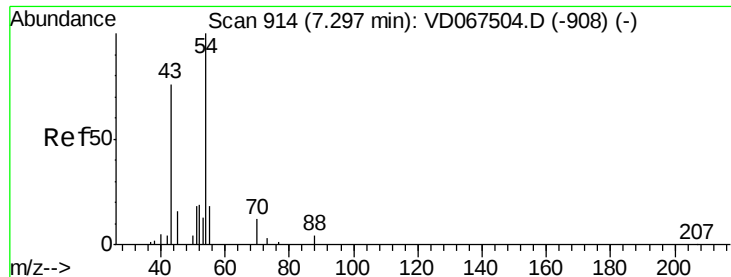
110 39.2 19.9 59.7

77 31.9 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VDC

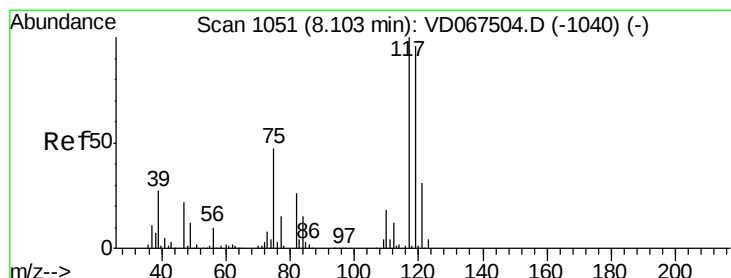
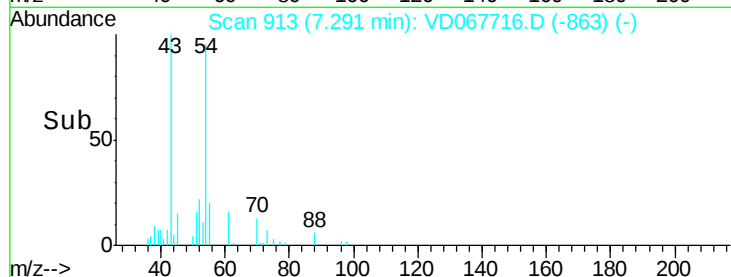
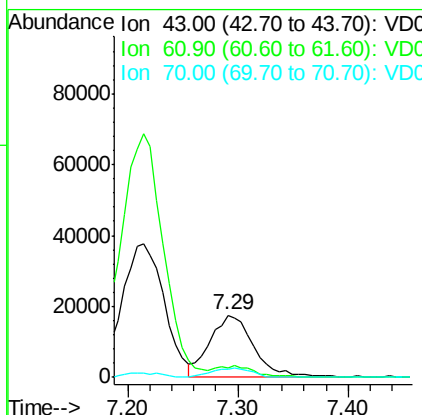
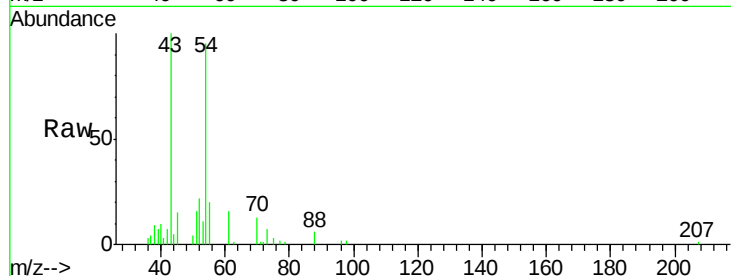




#37
Ethyl Acetate
Concen: 55.974 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

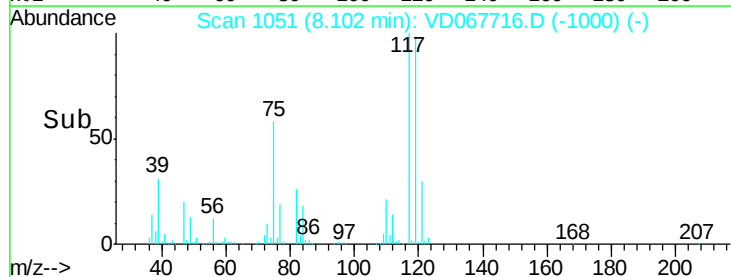
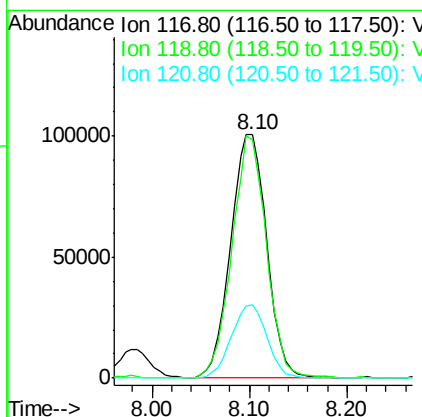
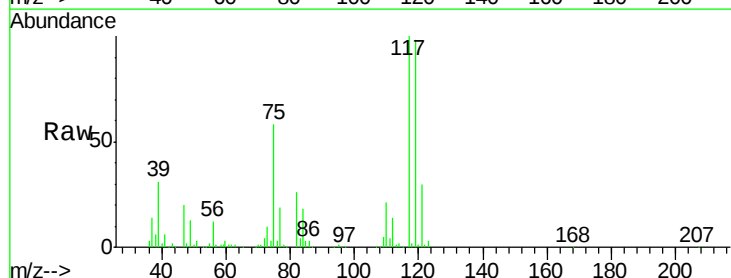
Instrument :
MSVOA_D
ClientSampleId :

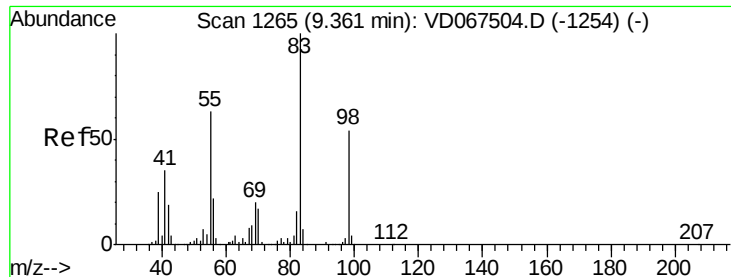
Tot Ion: 43 Resp: 48294
Ion Ratio Lower Upper
43 100
61 16.3 12.8 19.2
70 13.6 11.7 17.5



#38
Carbon Tetrachloride
Concen: 60.122 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Tgt Ion: 117 Resp: 259599
Ion Ratio Lower Upper
117 100
119 98.1 76.9 115.3
121 30.1 24.5 36.7

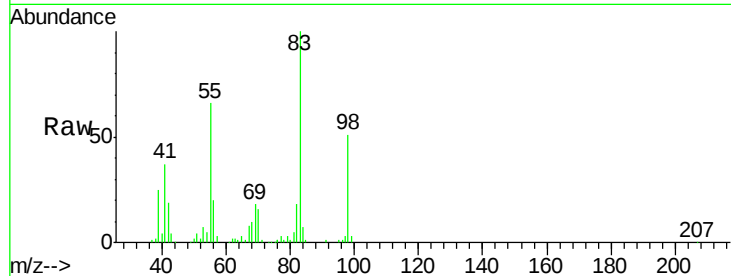




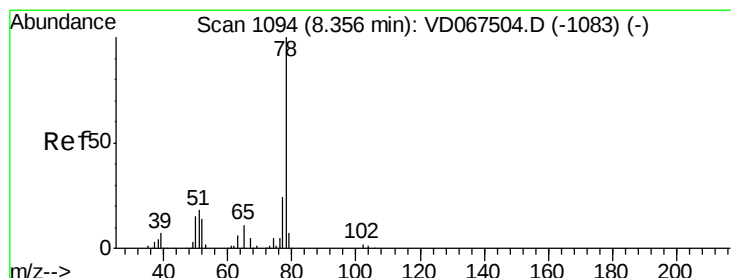
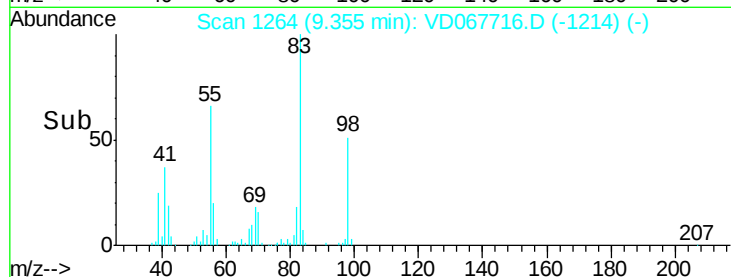
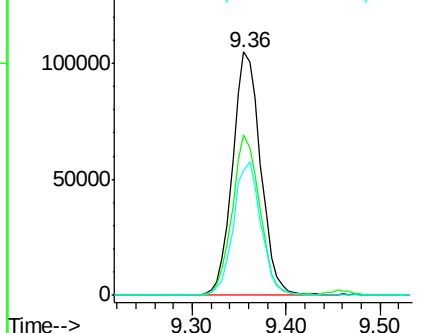
#39
Methvlcvclohexane
Concen: 55.723 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 83 Resp: 217959
Ion Ratio Lower Upper
83 100
55 66.0 50.5 75.7
98 51.1 43.4 65.0

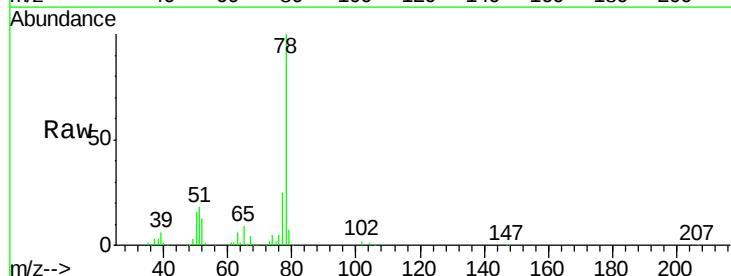


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

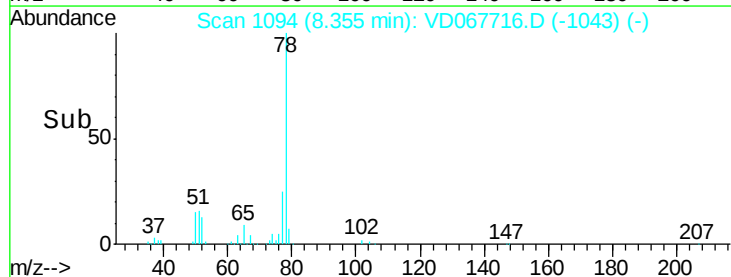
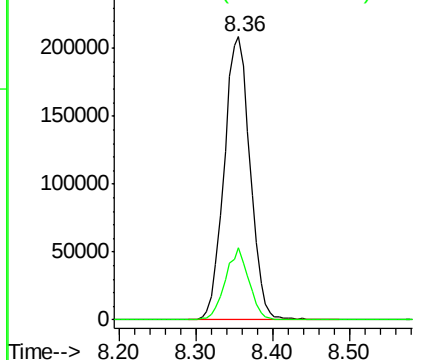


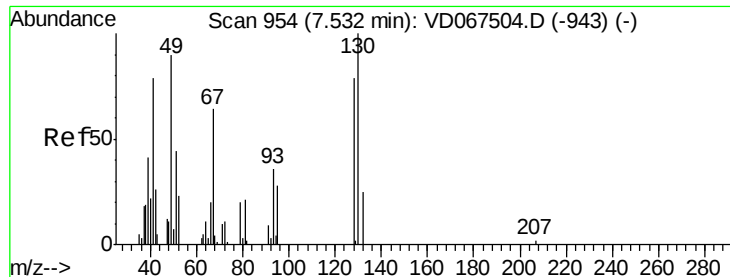
#40
Benzene
Concen: 54.575 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Tgt Ion: 78 Resp: 491291
Ion Ratio Lower Upper
78 100
77 25.4 19.1 28.7



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

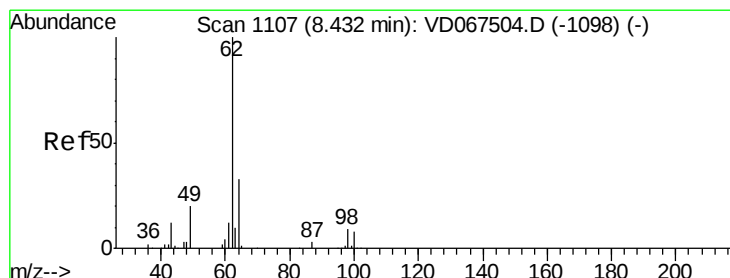
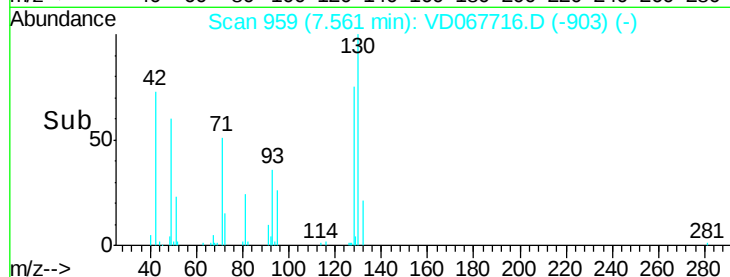
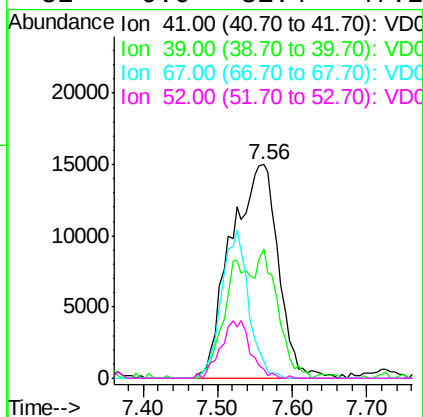
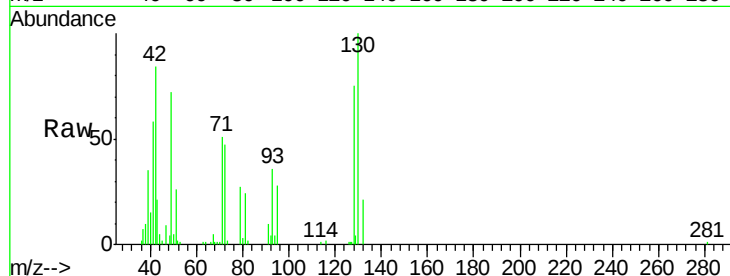




#41
Methacrylonitrile
Concen: 127.970 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.03 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

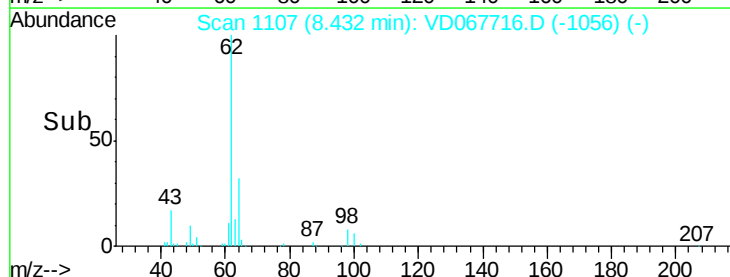
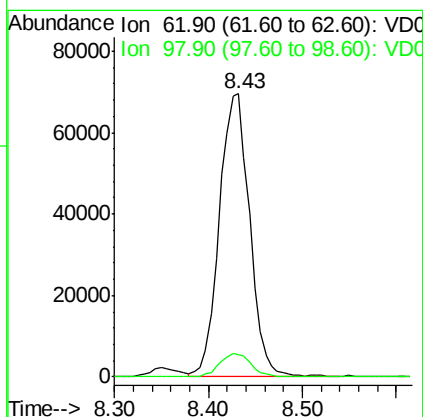
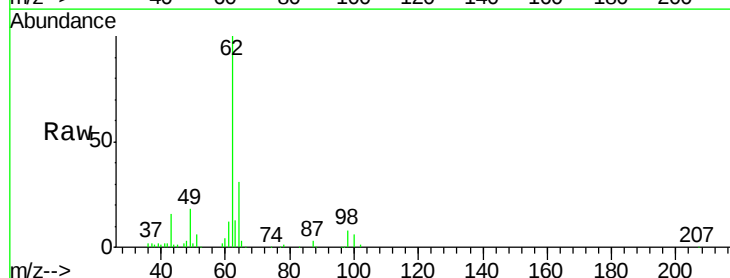
Instrument :
MSVOA_D
ClientSampled :

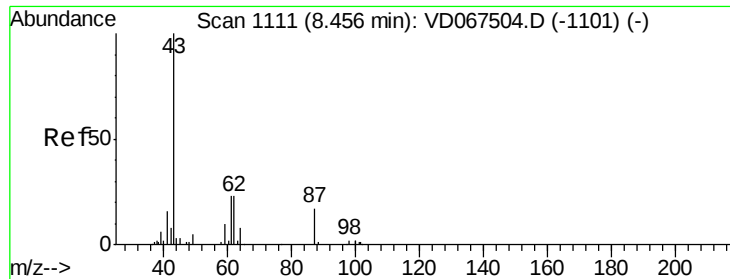
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	51.3	76.9#
67	0.0	78.9	118.3#
52	0.0	31.4	47.2#



#42
1,2-Dichloroethane
Concen: 55.927 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	19.8

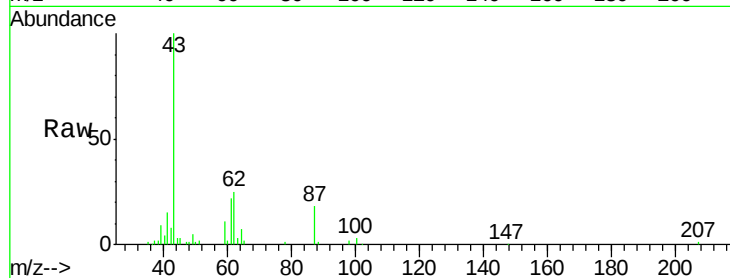




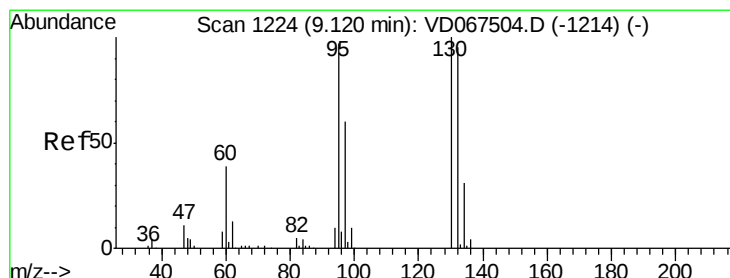
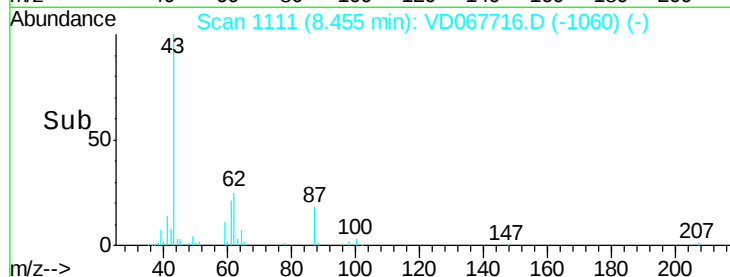
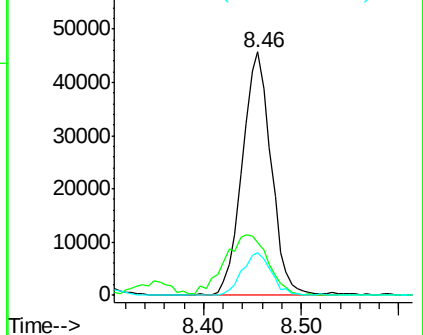
#43
Isopropyl Acetate
Concen: 55.334 ug/l
RT: 8.46 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 94418
Ion Ratio Lower Upper
43 100
61 37.4 30.5 45.7
87 17.6 14.7 22.1

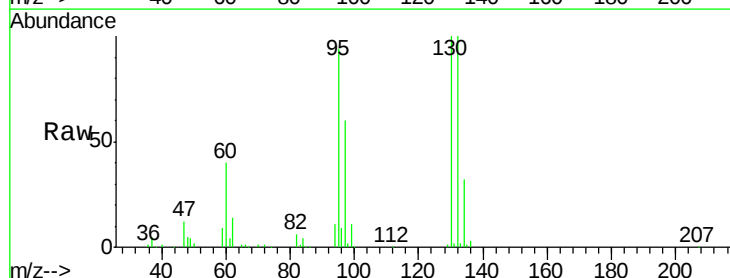


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 61.00 (60.70 to 61.70): VDC
Ion 87.00 (86.70 to 87.70): VDC

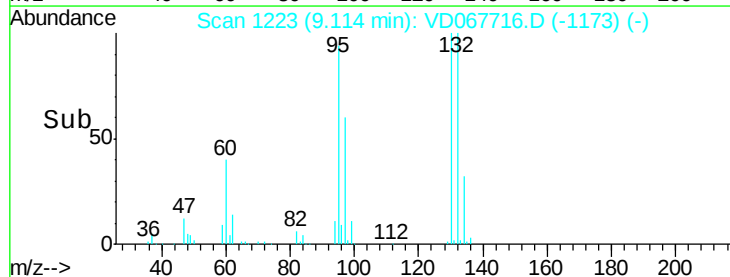
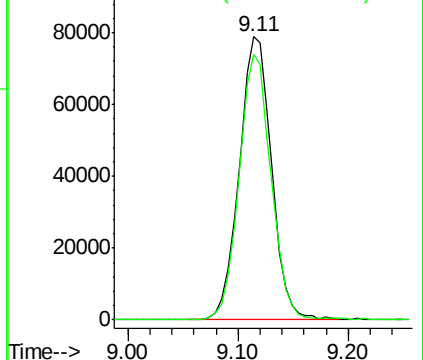


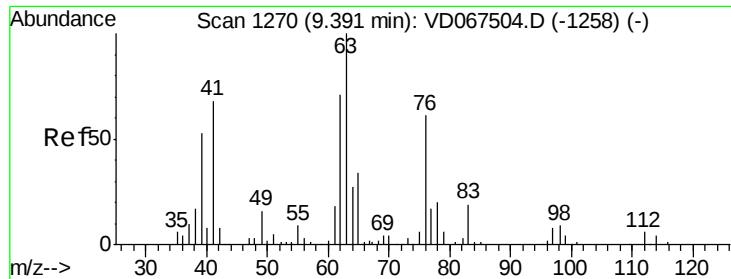
#44
Trichloroethene
Concen: 54.810 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Tgt Ion:130 Resp: 162233
Ion Ratio Lower Upper
130 100
95 93.6 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 52.385 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

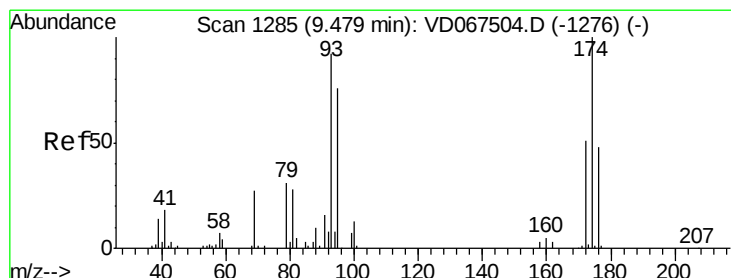
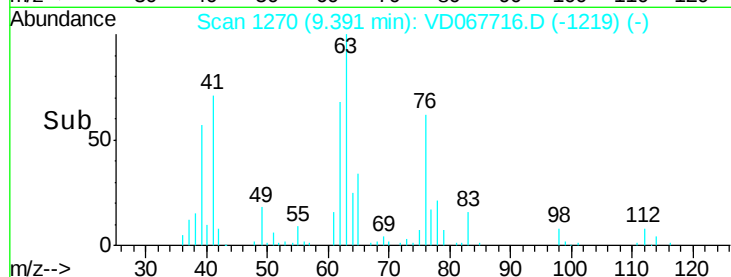
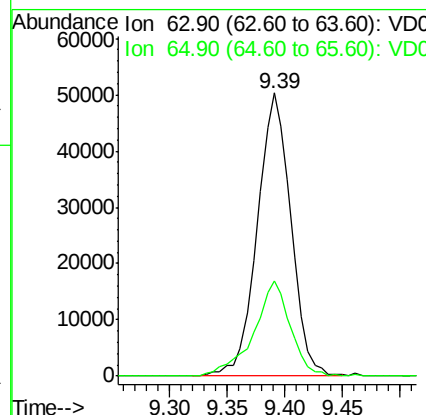
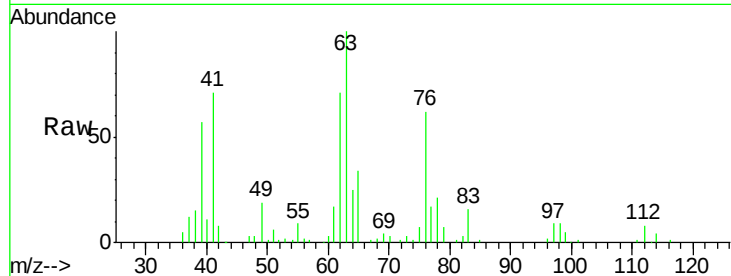
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 63 Resp: 101958

Ion Ratio Lower Upper

63 100

65 33.6 26.9 40.3



#46

Dibromomethane

Concen: 55.520 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

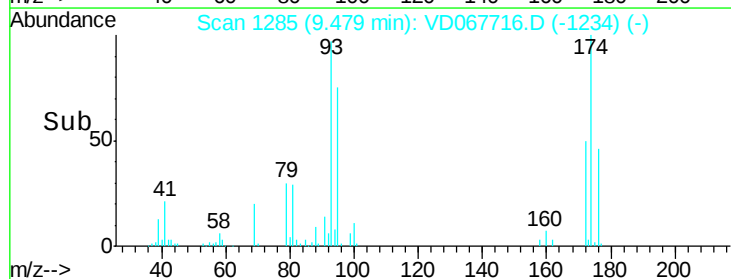
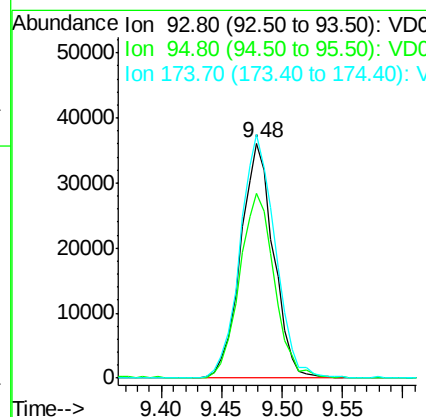
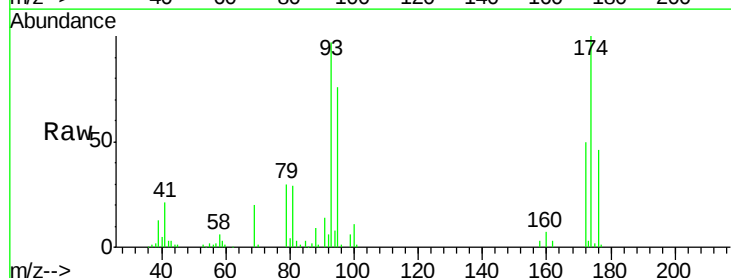
Tgt Ion: 93 Resp: 68707

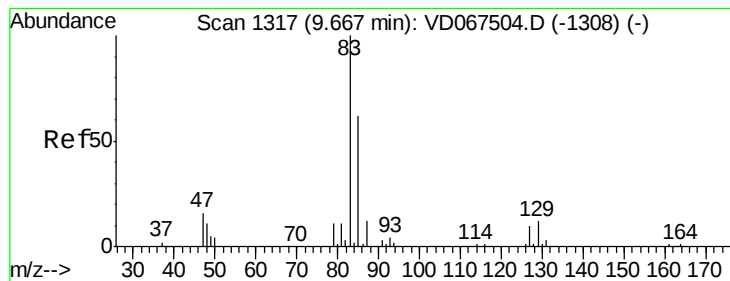
Ion Ratio Lower Upper

93 100

95 83.3 66.4 99.6

174 110.4 88.2 132.4





#47

Bromodichloromethane

Concen: 56.188 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Instrument :

MSVOA_D

ClientSampleId :

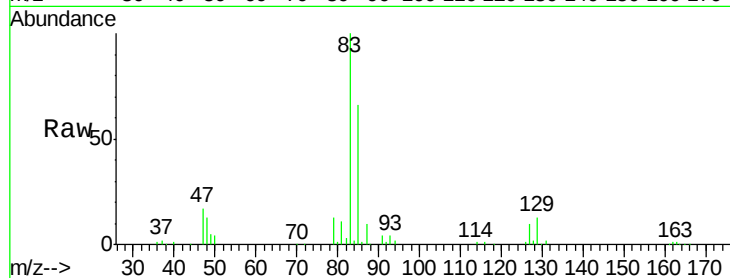
Tot Ion: 83 Resp: 188992

Ion Ratio Lower Upper

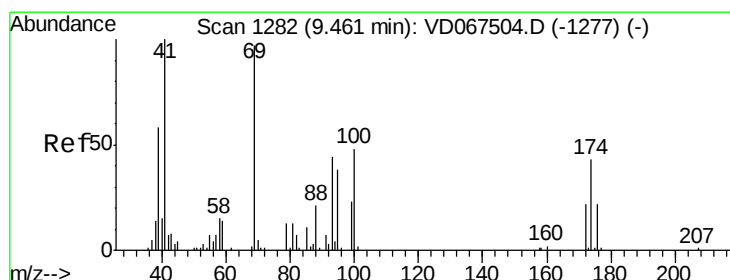
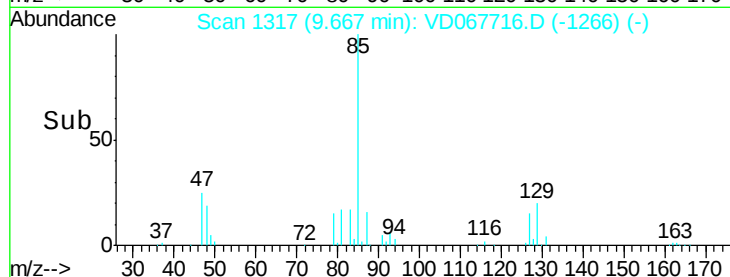
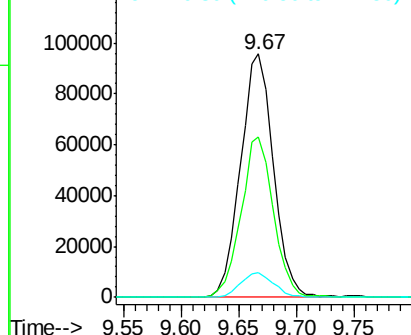
83 100

85 65.6 49.4 74.2

127 10.0 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): V



#48

Methyl methacrylate

Concen: 49.166 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

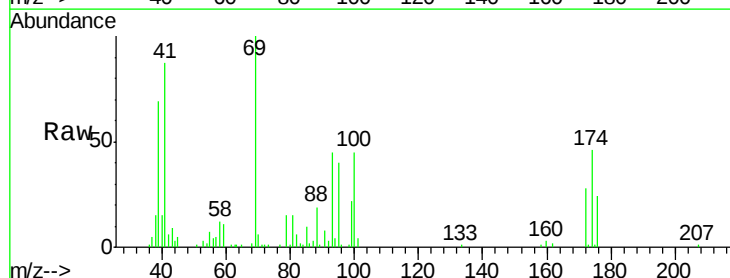
Tgt Ion: 41 Resp: 43316

Ion Ratio Lower Upper

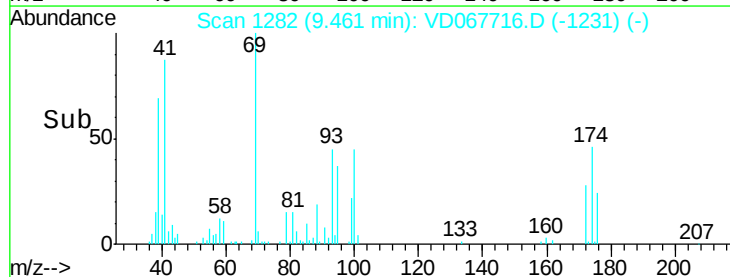
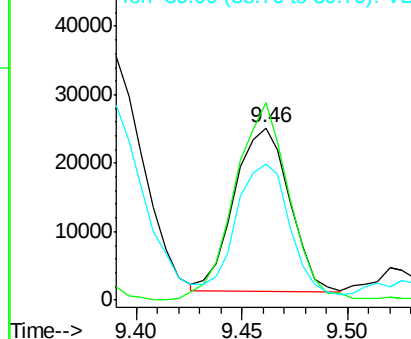
41 100

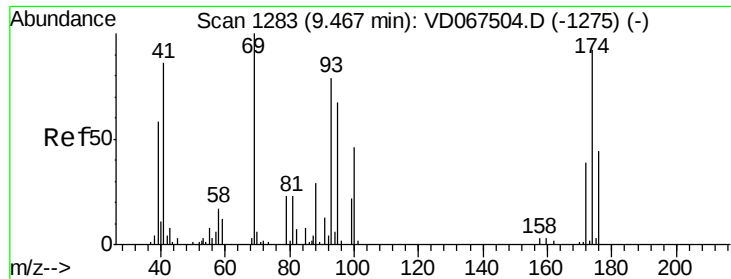
69 119.1 80.6 121.0

39 75.5 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

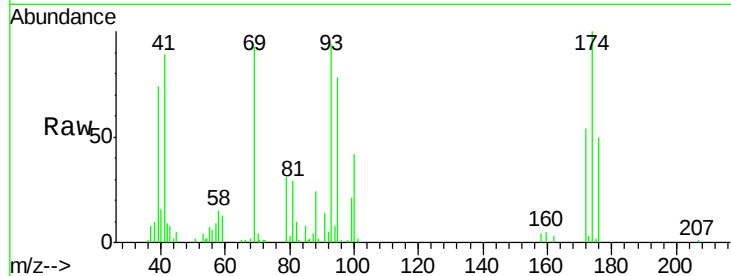




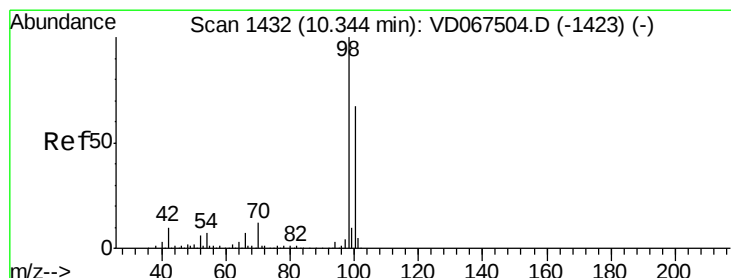
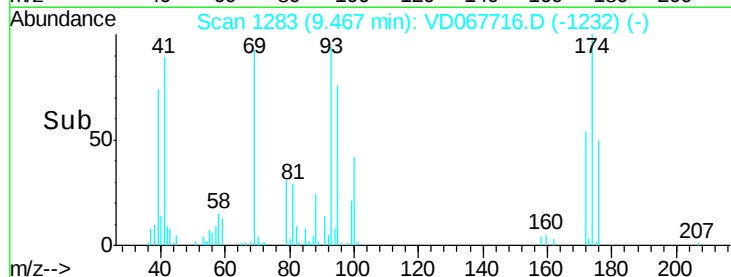
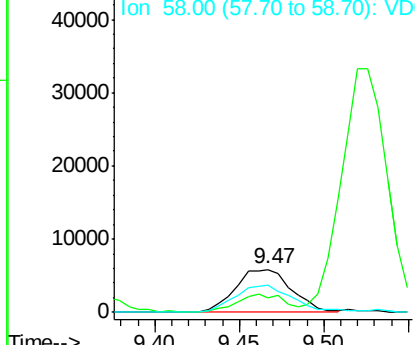
#49
1,4-Dioxane
Concen: 1075.071 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 88 Resp: 13506
Ion Ratio Lower Upper
88 100
43 36.4 23.6 35.4#
58 65.2 44.7 67.1

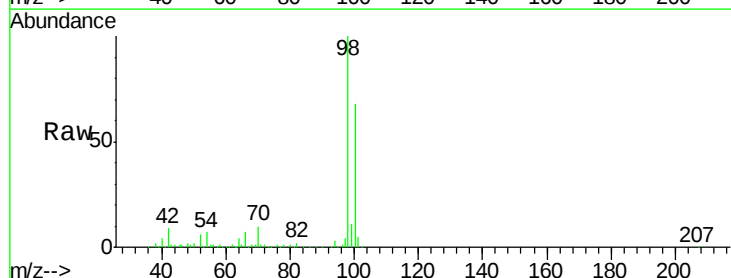


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

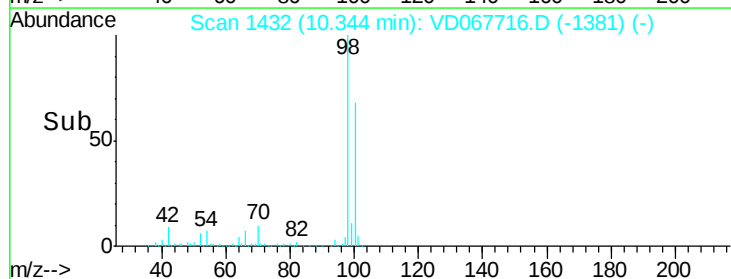
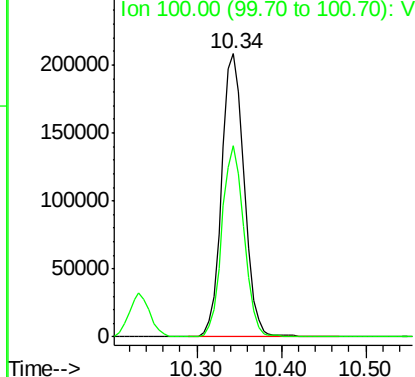


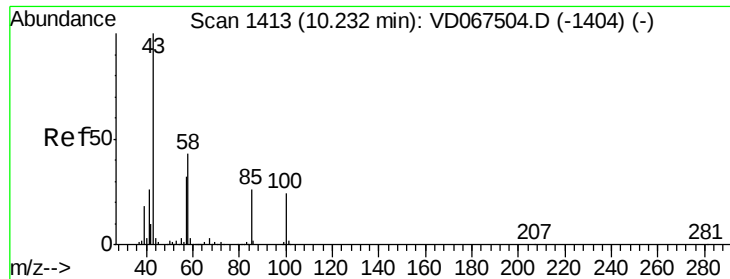
#50
Toluene-d8
Concen: 46.669 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Tgt Ion: 98 Resp: 383634
Ion Ratio Lower Upper
98 100
100 66.0 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: 278.455 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Instrument :

MSVOA_D

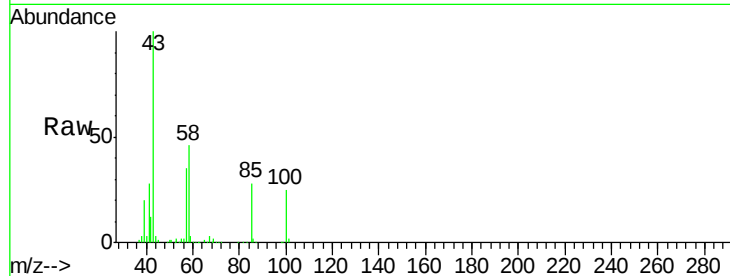
ClientSampled :

Tot Ion: 43 Resp: 227236

Ion Ratio Lower Upper

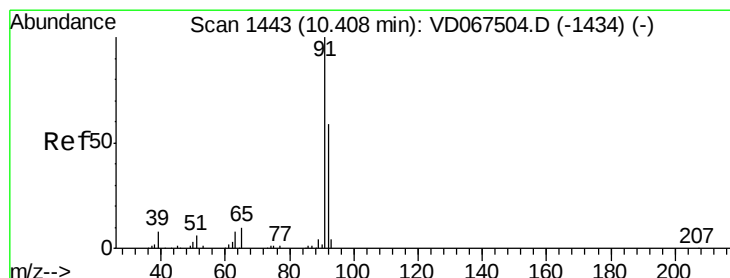
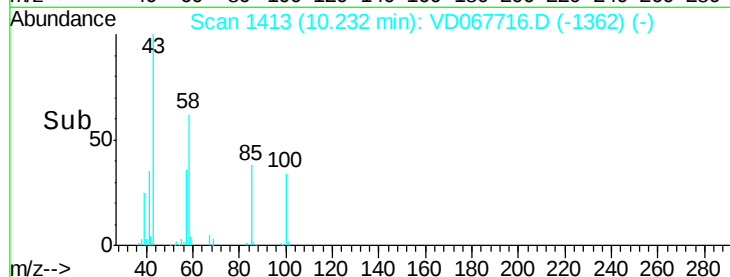
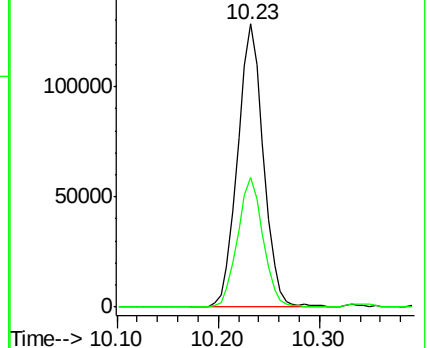
43 100

58 45.1 35.6 53.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 56.058 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD067716.D

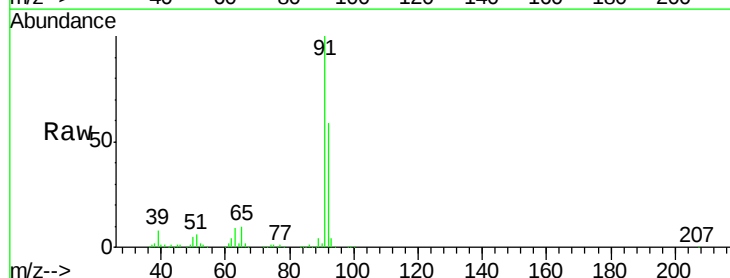
Acq: 20 Nov 2020 11:03

Tgt Ion: 92 Resp: 338005

Ion Ratio Lower Upper

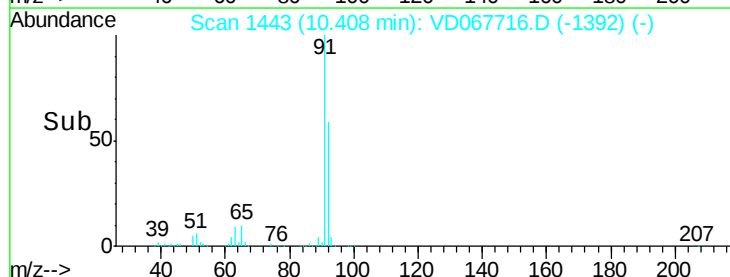
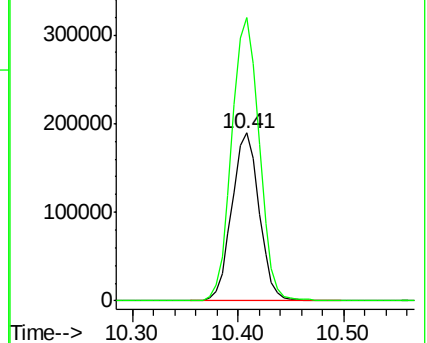
92 100

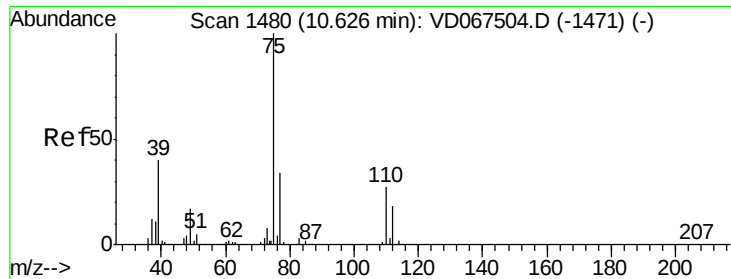
91 170.1 137.0 205.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 57.739 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Instrument :

MSVOA_D

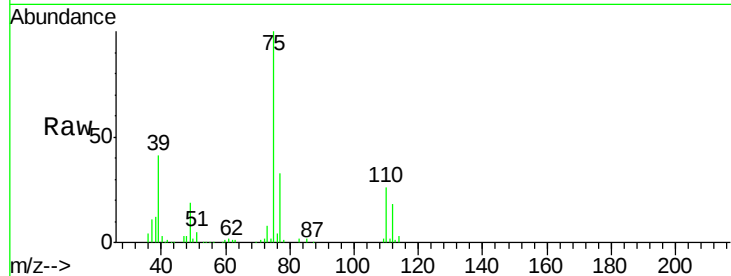
ClientSampleId :

Tot Ion: 75 Resp: 166331

Ion Ratio Lower Upper

75 100

77 32.8 27.0 40.6



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

10.63

100000

80000

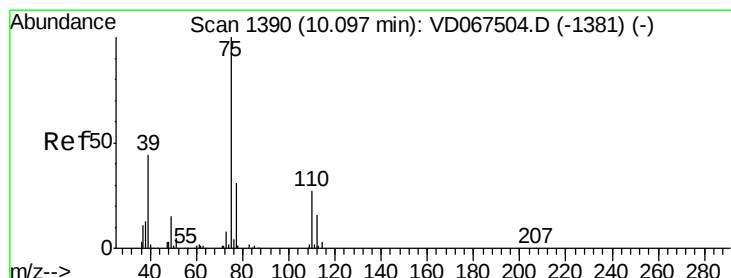
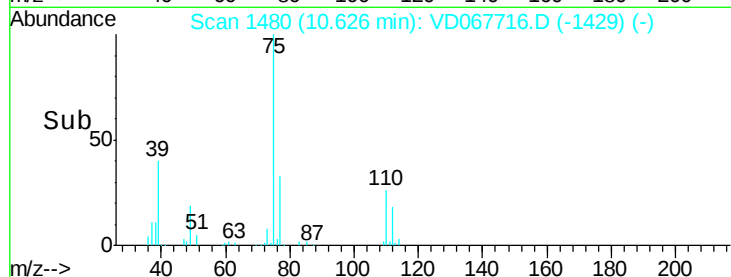
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 55.911 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

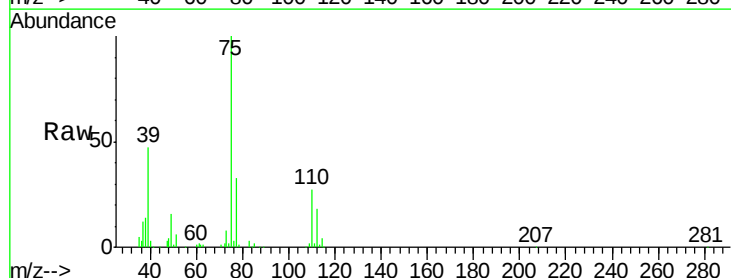
Tgt Ion: 75 Resp: 191366

Ion Ratio Lower Upper

75 100

77 32.9 24.4 36.6

39 47.1 35.6 53.4



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

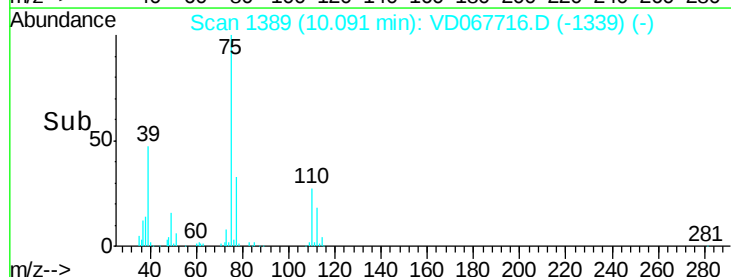
10.09

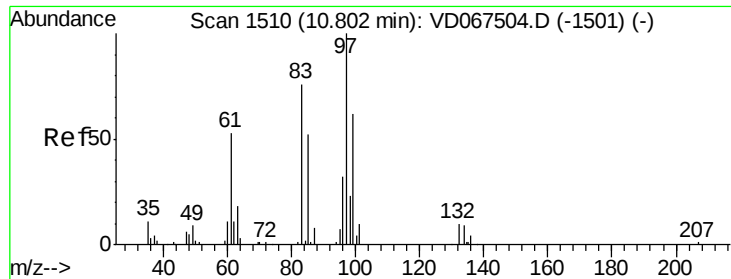
100000

50000

0

Time-->

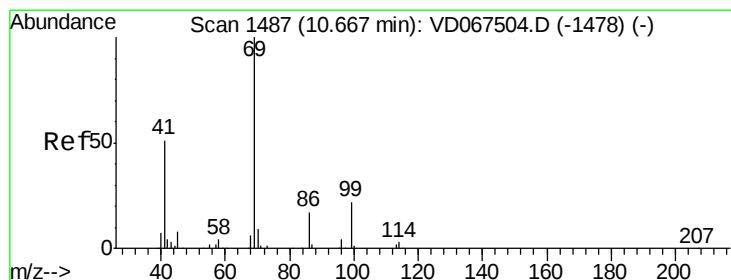
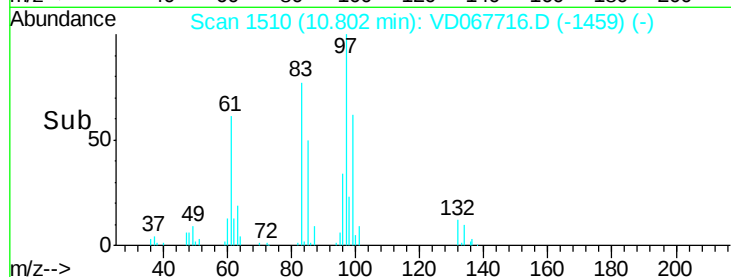
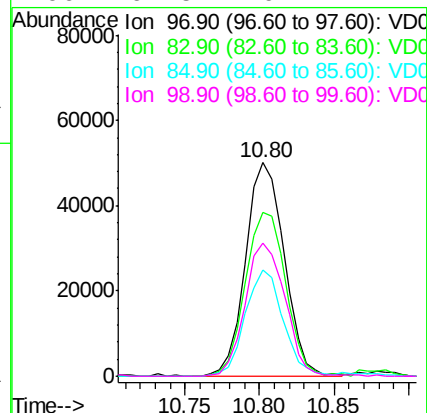
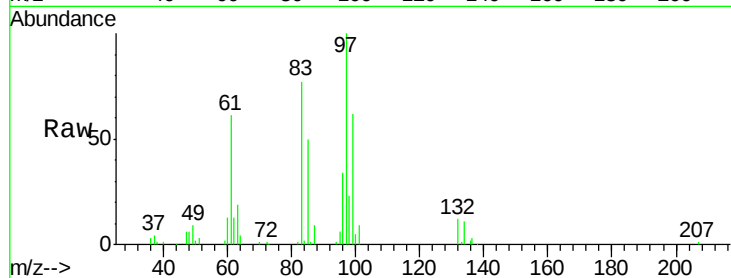




#55
 1,1,2-Trichloroethane
 Concen: 55.012 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD067716.D
 Acq: 20 Nov 2020 11:03

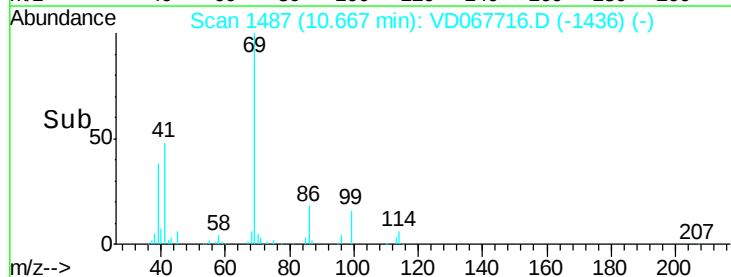
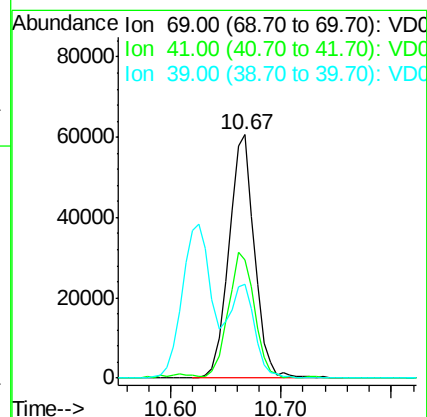
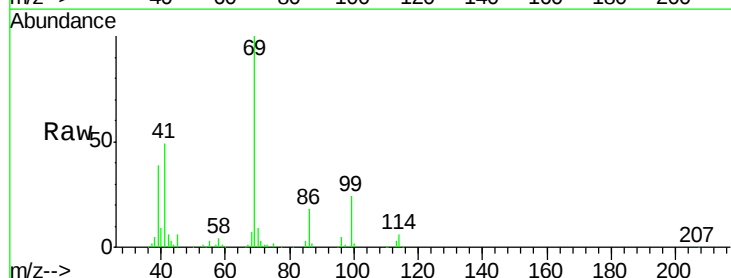
Instrument :
 MSVOA_D
 ClientSampleId :

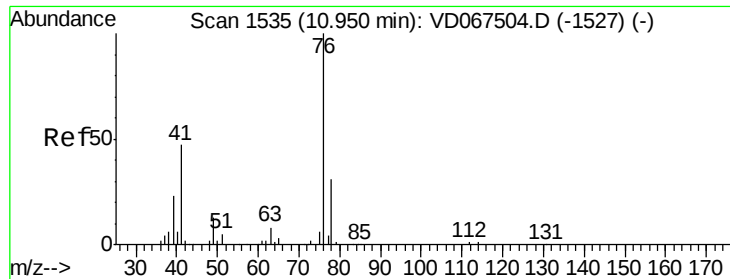
Tot Ion:	97	Resp:	90076
Ion	Ratio	Lower	Upper
97	100		
83	76.9	61.0	91.6
85	49.9	41.5	62.3
99	62.5	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 58.070 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD067716.D
 Acq: 20 Nov 2020 11:03

Tgt Ion:	69	Resp:	98189
Ion	Ratio	Lower	Upper
69	100		
41	53.5	45.4	68.0
39	34.8	27.4	41.0





#57

1,3-Dichloropropane

Concen: 55.437 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Instrument :

MSVOA_D

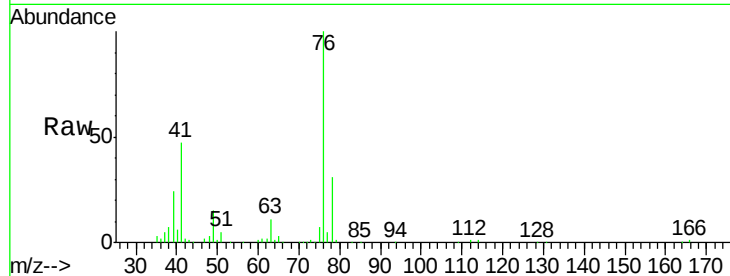
ClientSampleId :

Tot Ion: 76 Resp: 146068

Ion Ratio Lower Upper

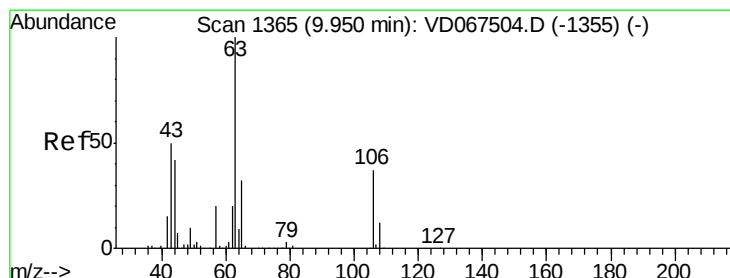
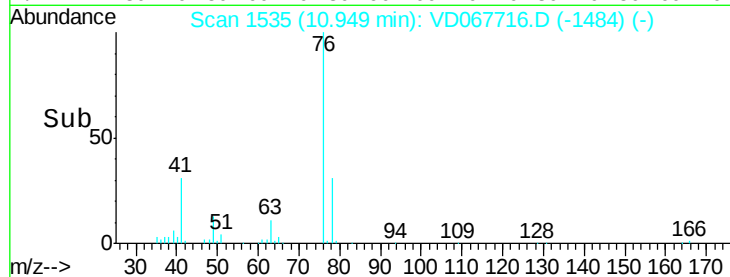
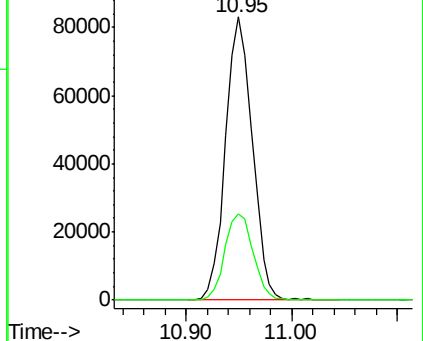
76 100

78 32.2 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: 258.235 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.01 min

Lab File: VD067716.D

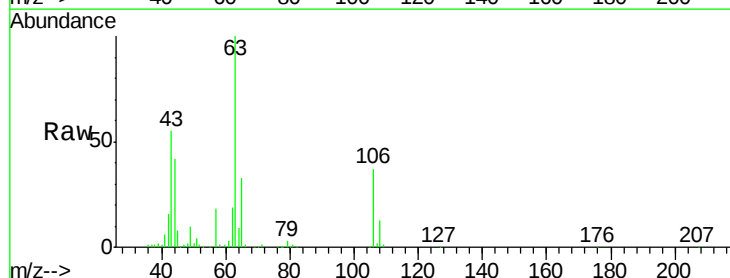
Acq: 20 Nov 2020 11:03

Tgt Ion: 63 Resp: 203619

Ion Ratio Lower Upper

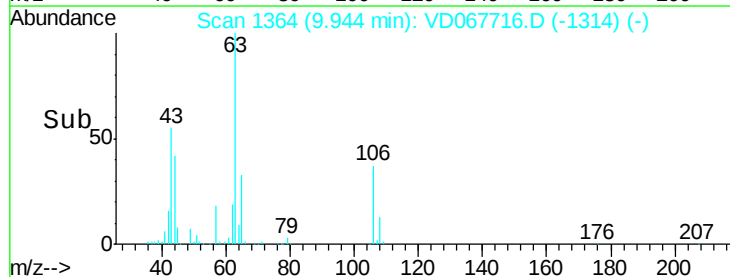
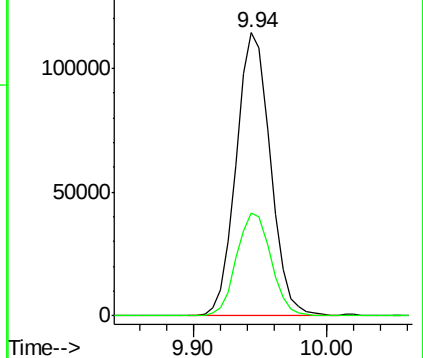
63 100

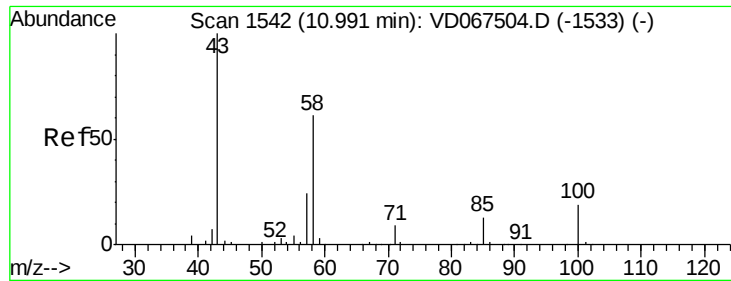
106 36.6 29.2 43.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

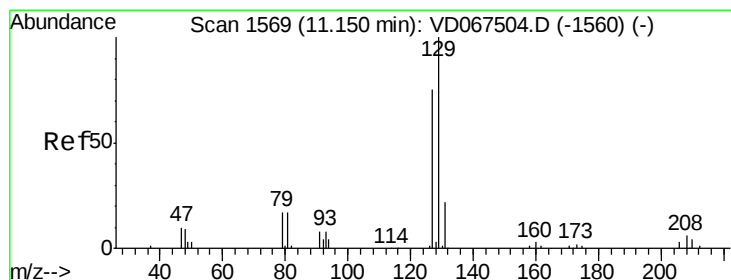
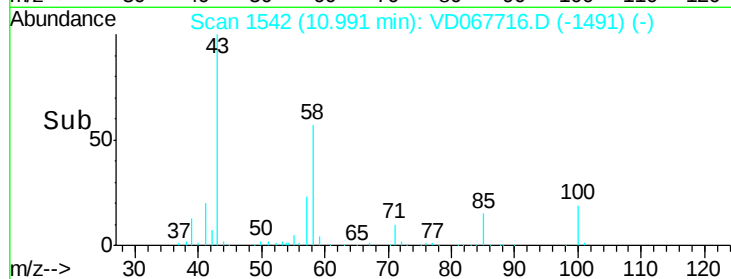
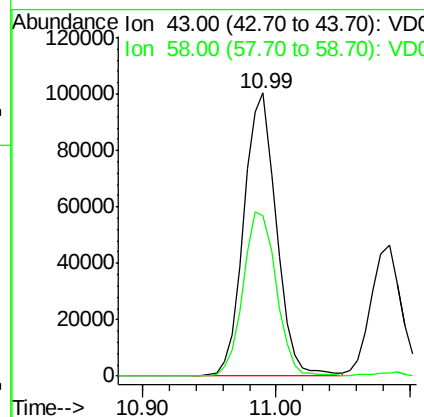
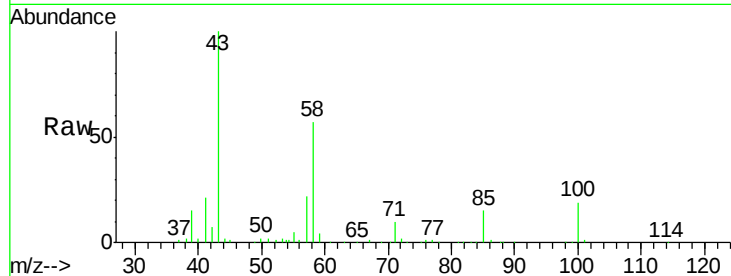




#59
2-Hexanone
Concen: 296.572 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

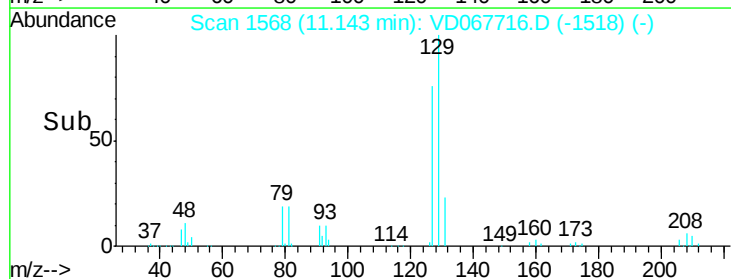
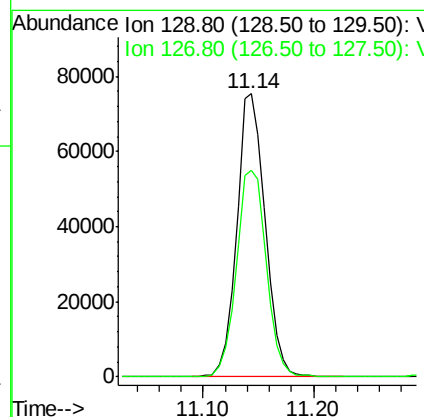
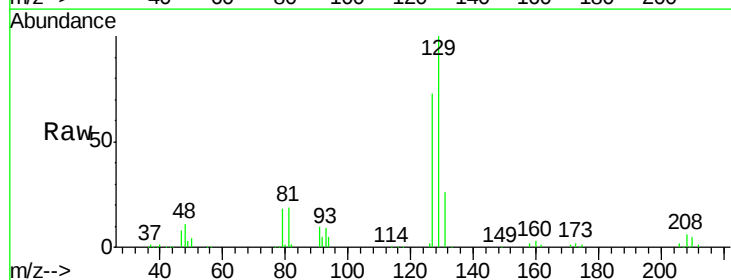
Instrument :
MSVOA_D
ClientSampleId :

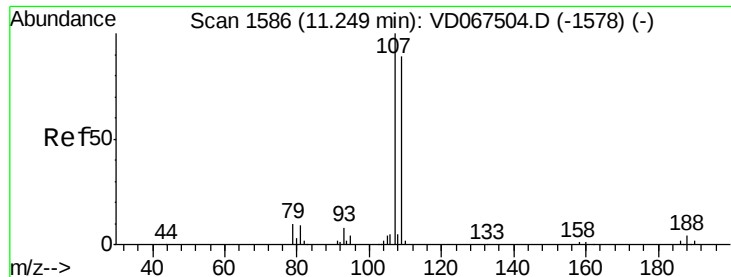
Tot Ion: 43 Resp: 169221
Ion Ratio Lower Upper
43 100
58 59.0 30.3 90.9



#60
Dibromochloromethane
Concen: 56.168 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Tgt Ion: 129 Resp: 136047
Ion Ratio Lower Upper
129 100
127 76.8 38.0 114.1

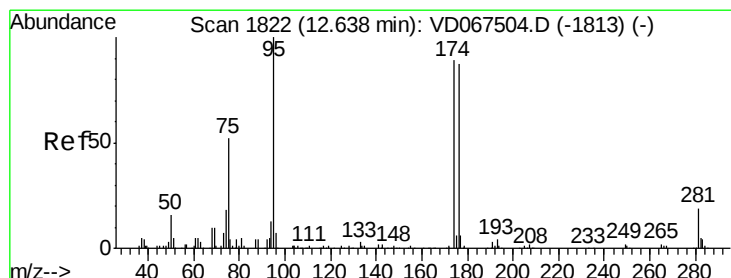
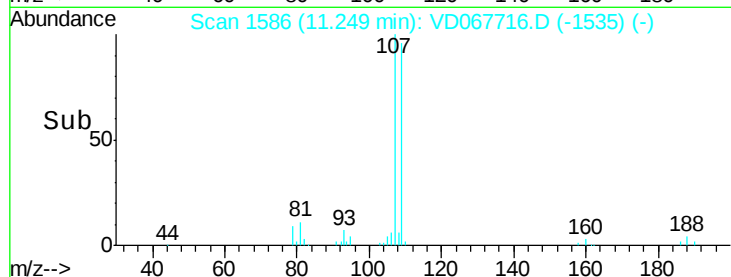
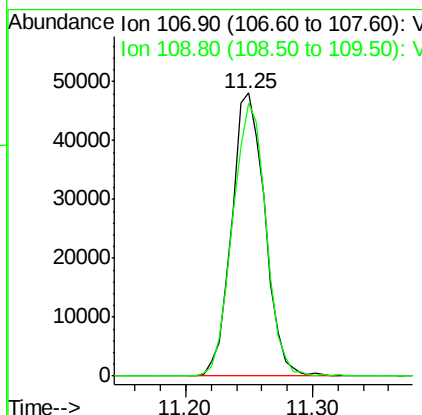
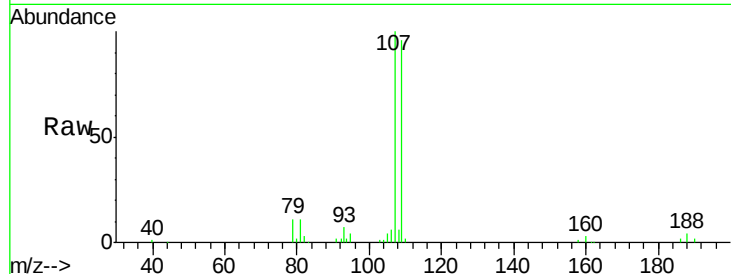




#61
 1,2-Dibromoethane
 Concen: 53.083 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD067716.D
 Acq: 20 Nov 2020 11:03

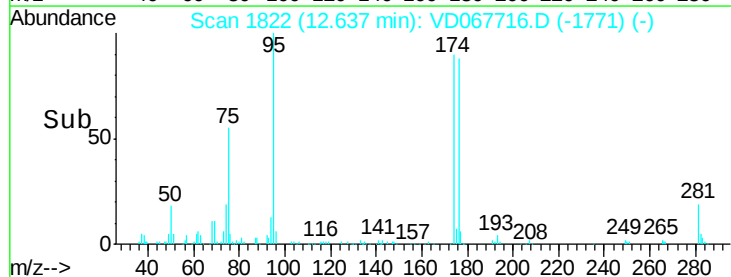
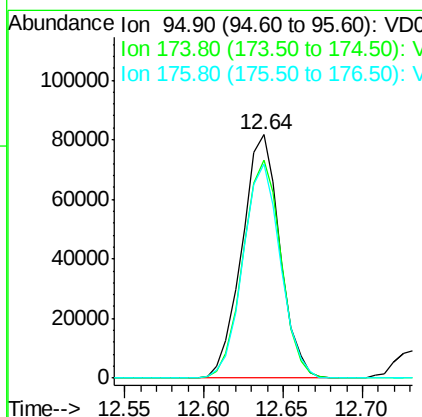
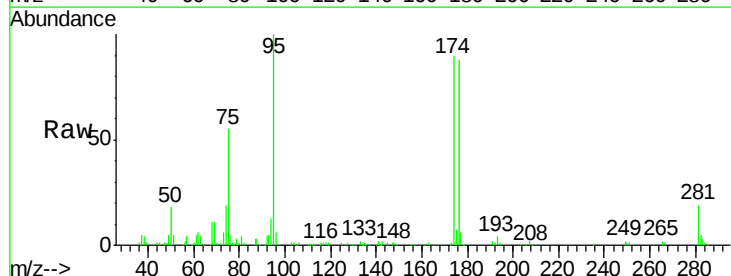
Instrument :
 MSVOA_D
 ClientSampleId :

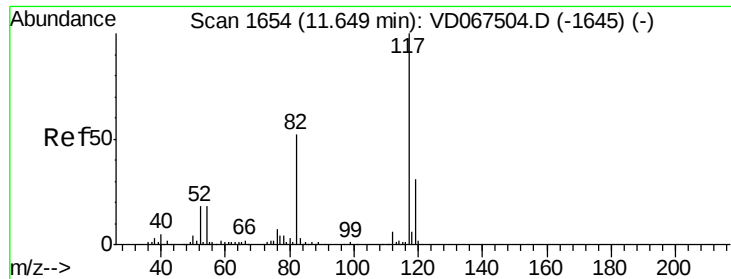
Tot Ion: 107 Resp: 87233
 Ion Ratio Lower Upper
 107 100
 109 96.7 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 47.863 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD067716.D
 Acq: 20 Nov 2020 11:03

Tgt Ion: 95 Resp: 135838
 Ion Ratio Lower Upper
 95 100
 174 89.3 0.0 177.8
 176 87.0 0.0 172.0

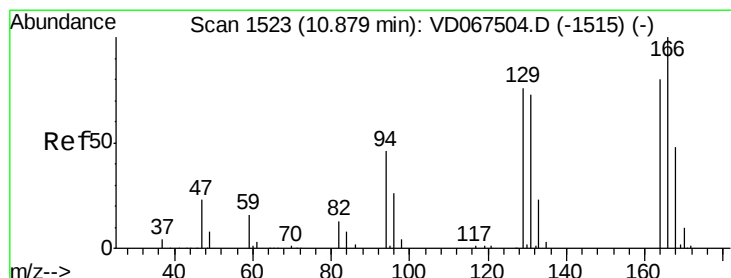
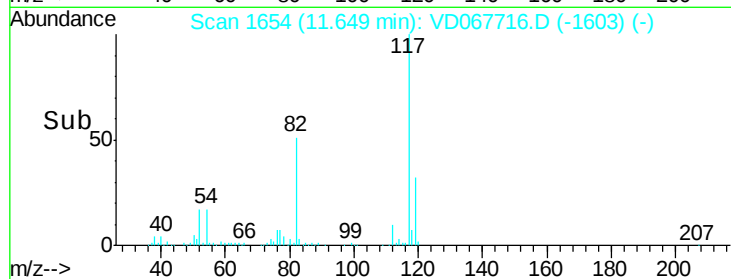
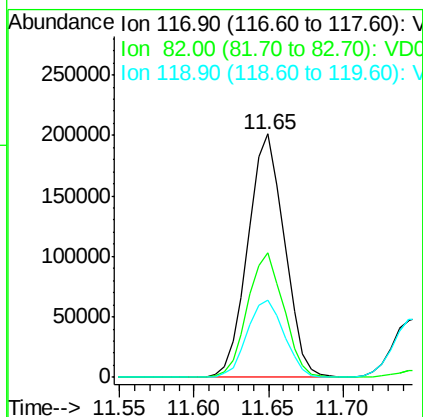
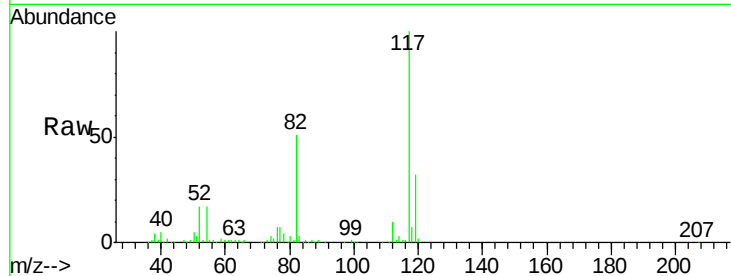




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

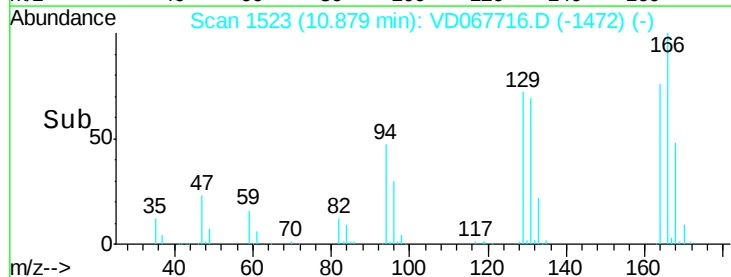
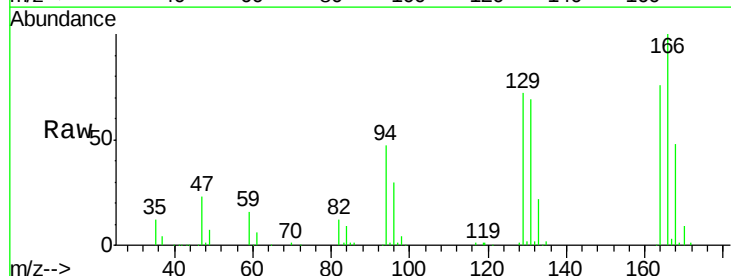
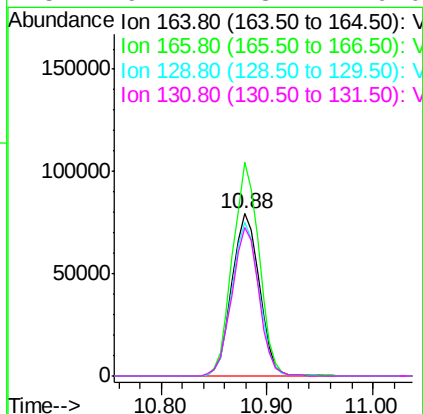
Instrument :
MSVOA_D
ClientSampleId :

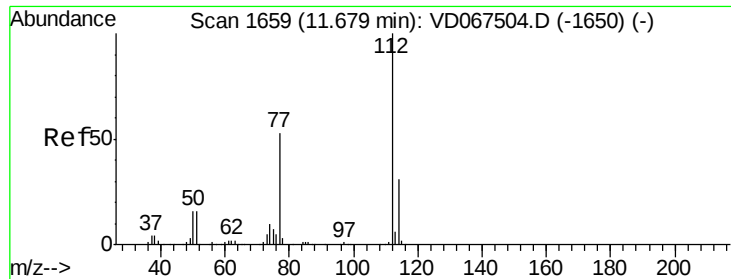
Tot Ion:117 Resp: 341077
Ion Ratio Lower Upper
117 100
82 51.4 41.6 62.4
119 31.7 25.1 37.7



#64
Tetrachloroethene
Concen: 56.476 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Tgt Ion:164 Resp: 142657
Ion Ratio Lower Upper
164 100
166 131.6 99.9 149.9
129 95.0 75.5 113.3
131 91.2 73.4 110.0

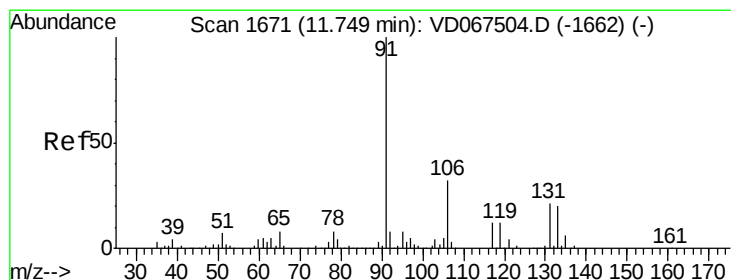
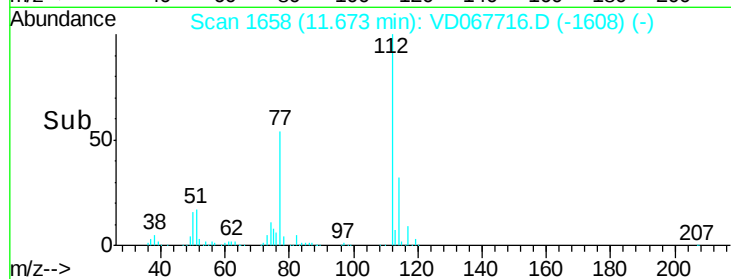
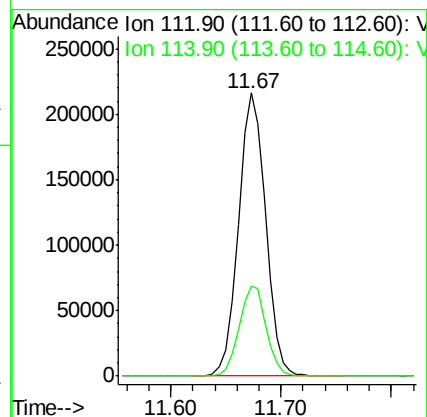
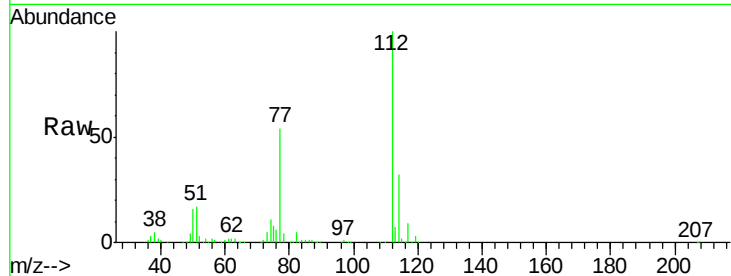




#65
Chlorobenzene
Concen: 56.815 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

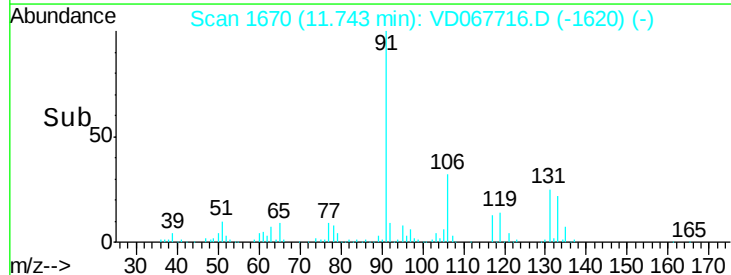
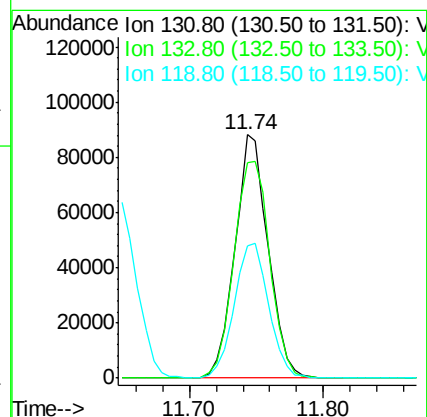
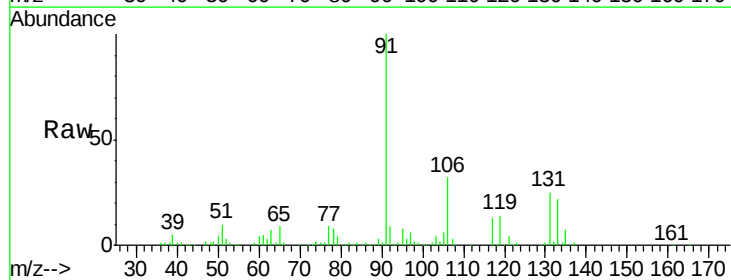
Instrument :
MSVOA_D
ClientSampleId :

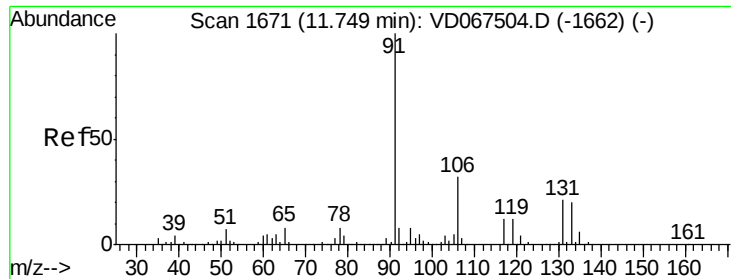
Tot Ion:112 Resp: 373281
Ion Ratio Lower Upper
112 100
114 31.8 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 58.884 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Tgt Ion:131 Resp: 152478
Ion Ratio Lower Upper
131 100
133 96.1 48.0 144.0
119 57.7 30.1 90.5





#67

Ethyl Benzene

Concen: 58.686 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Instrument :

MSVOA_D

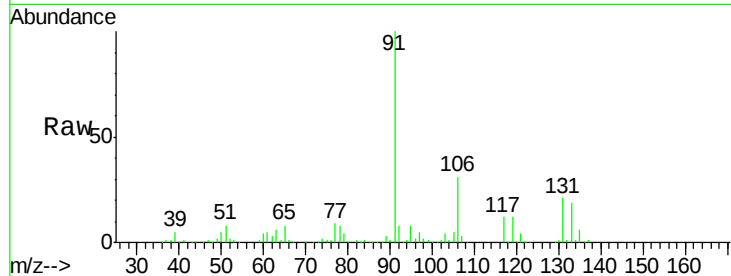
ClientSampleId :

Tot Ion: 91 Resp: 659787

Ion Ratio Lower Upper

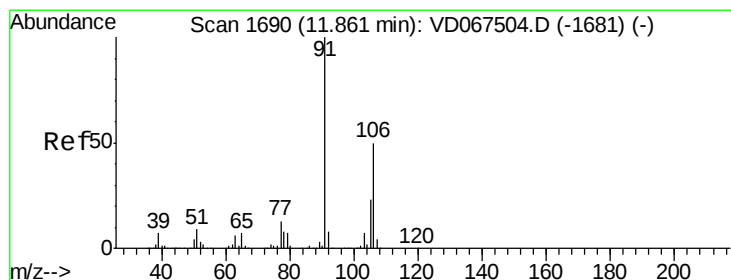
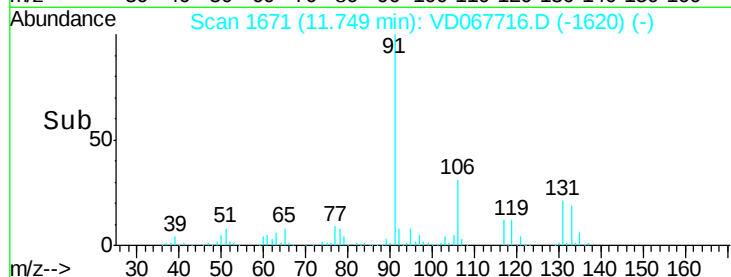
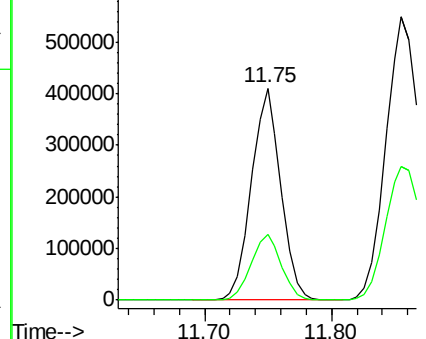
91 100

106 30.7 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 116.332 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VD067716.D

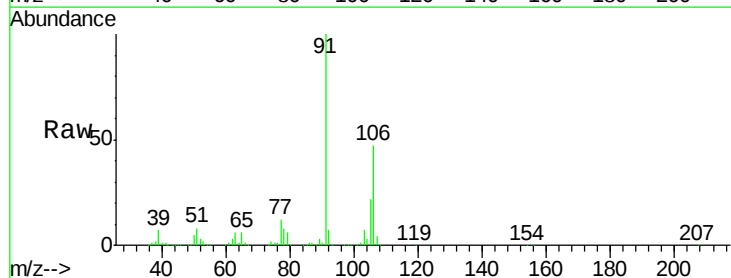
Acq: 20 Nov 2020 11:03

Tgt Ion: 106 Resp: 508823

Ion Ratio Lower Upper

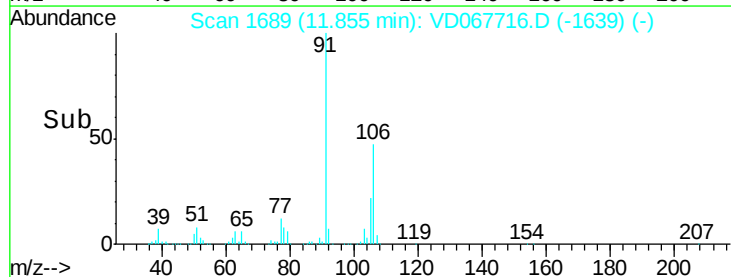
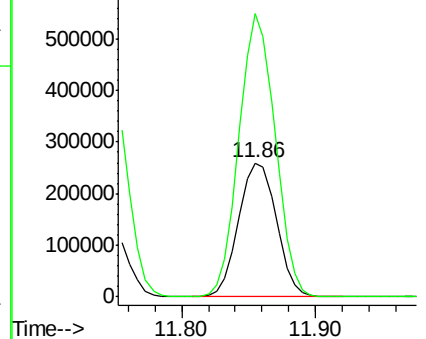
106 100

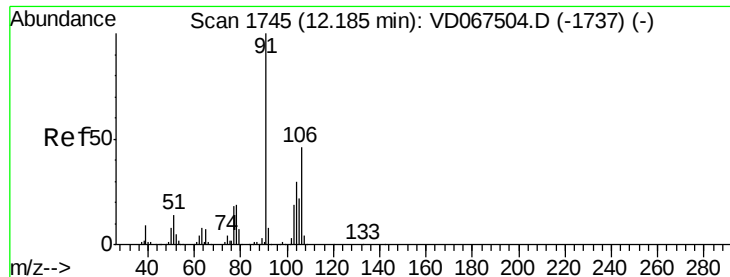
91 203.5 162.6 244.0



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

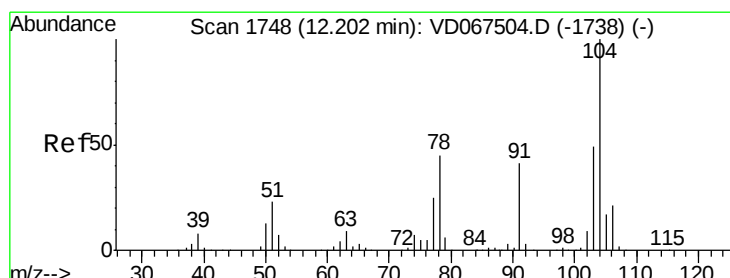
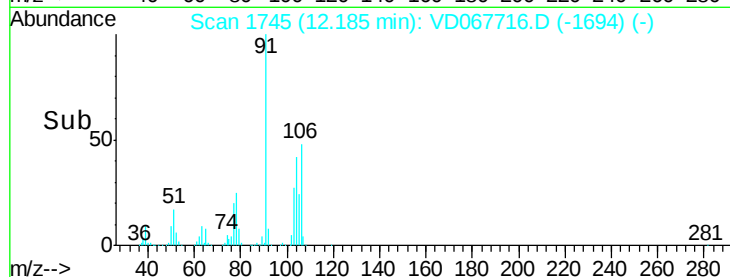
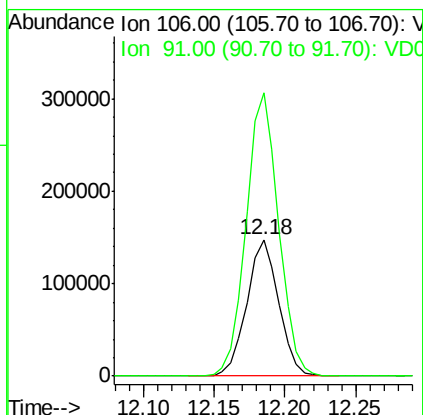
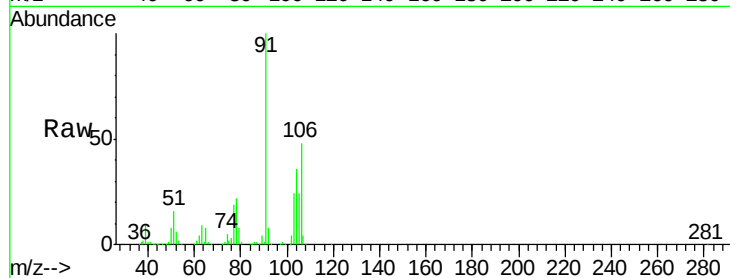




#69
o-Xylene
Concen: 60.030 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

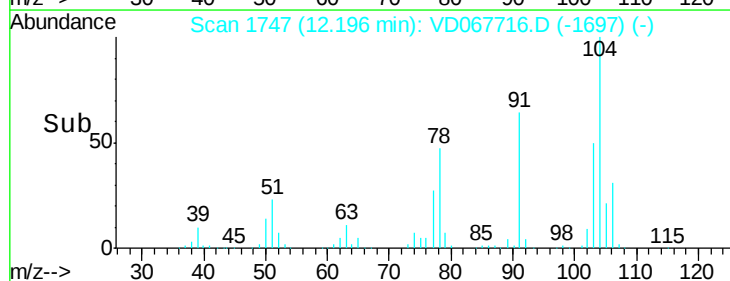
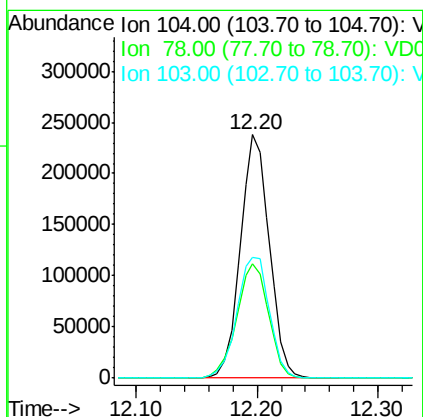
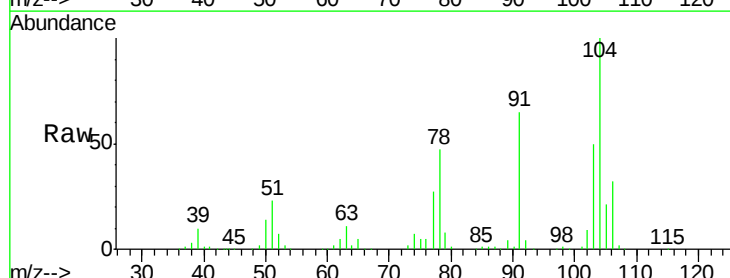
Instrument :
MSVOA_D
ClientSampleId :

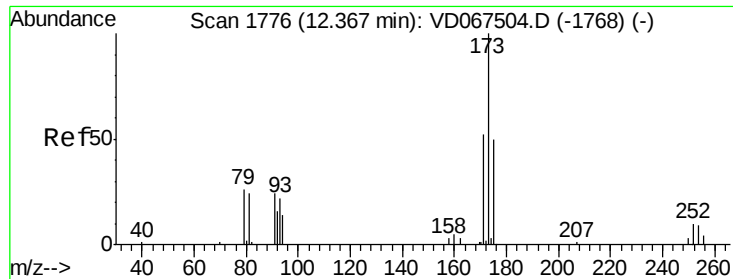
Tot Ion:106 Resp: 234423
Ion Ratio Lower Upper
106 100
91 210.6 107.1 321.1



#70
Styrene
Concen: 58.568 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Tgt Ion:104 Resp: 398545
Ion Ratio Lower Upper
104 100
78 51.3 39.8 59.8
103 55.6 43.9 65.9





#71

Bromoform

Concen: 58.352 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Instrument :

MSVOA_D

ClientSampleId :

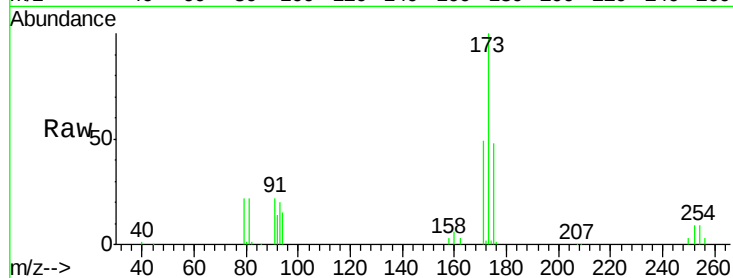
Tot Ion:173 Resp: 77063

Ion Ratio Lower Upper

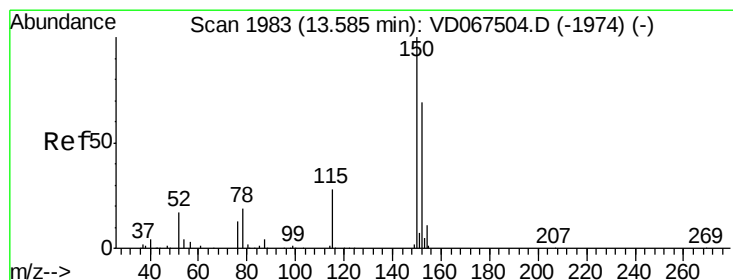
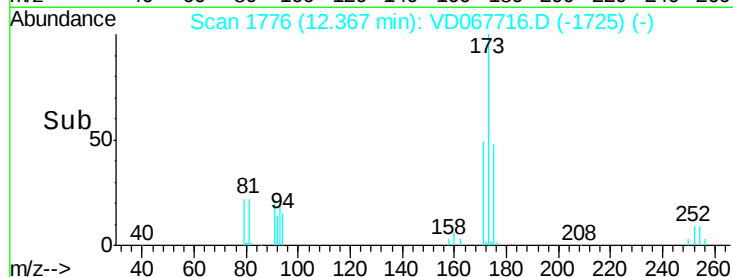
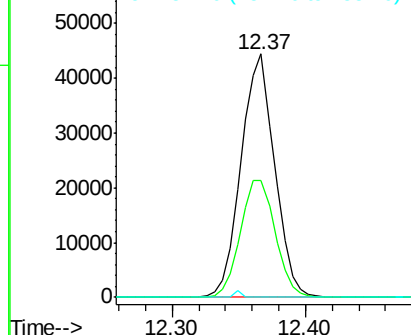
173 100

175 50.1 24.1 72.2

254 0.6 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: VD067716.D

Acq: 20 Nov 2020 11:03

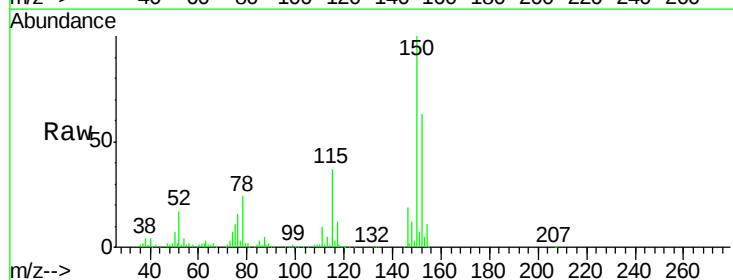
Tgt Ion:152 Resp: 175375

Ion Ratio Lower Upper

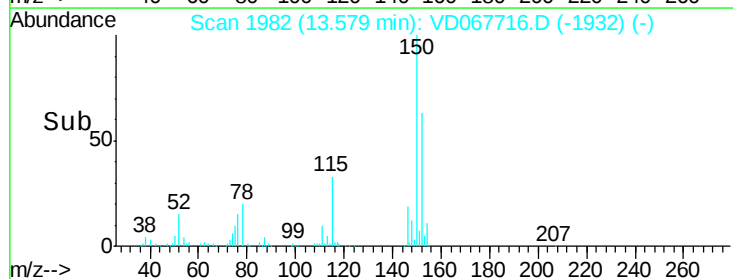
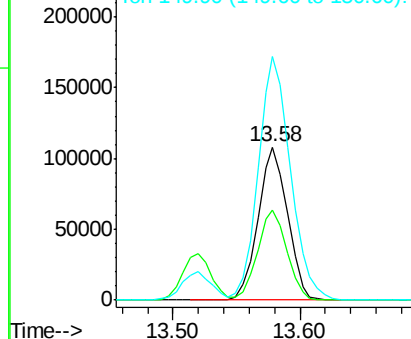
152 100

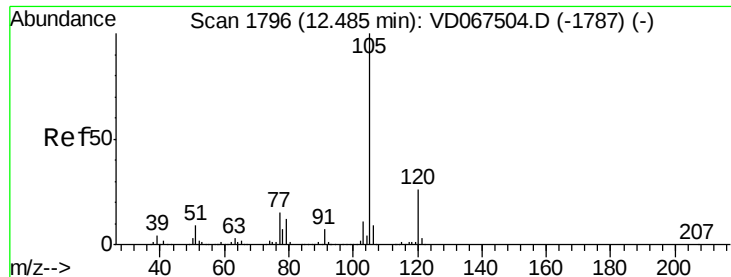
115 58.9 29.3 88.0

150 173.5 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: 59.541 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Instrument :

MSVOA_D

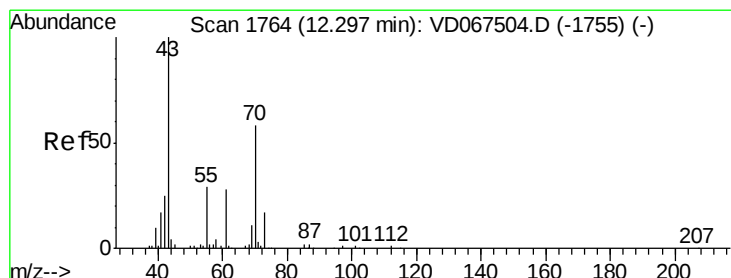
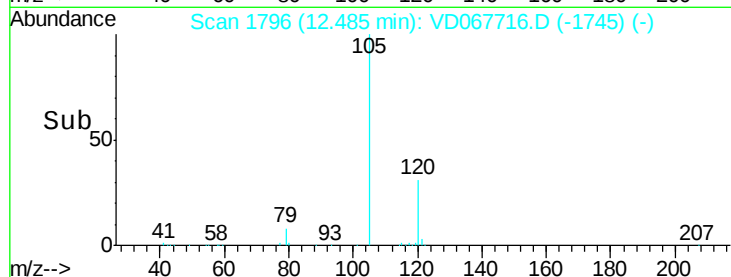
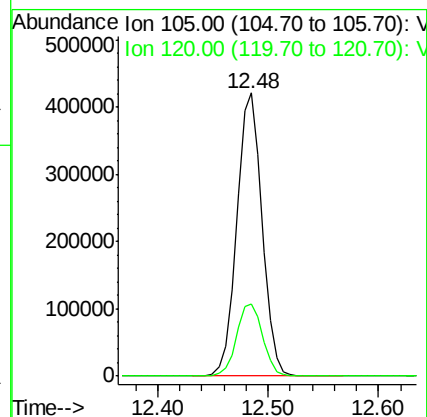
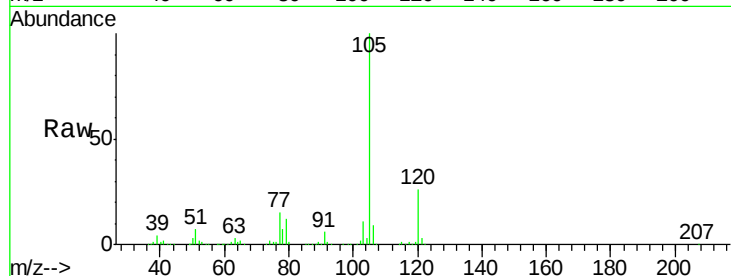
ClientSampleId :

Tot Ion:105 Resp: 674849

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6



#74

N-ethyl acetate

Concen: 55.900 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Tgt Ion: 43 Resp: 83369

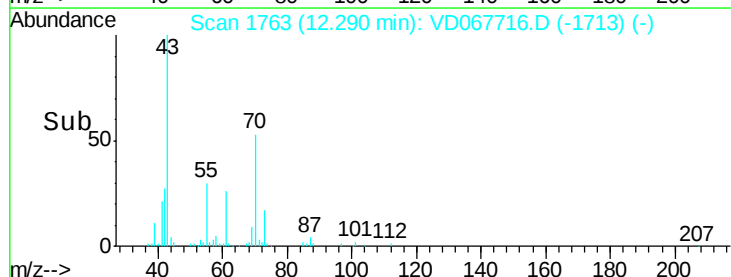
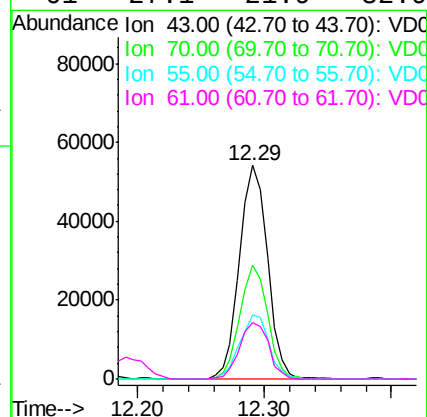
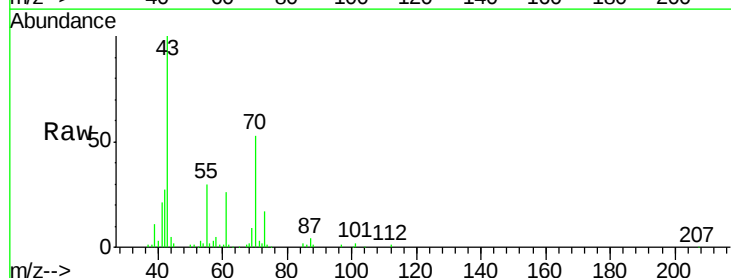
Ion Ratio Lower Upper

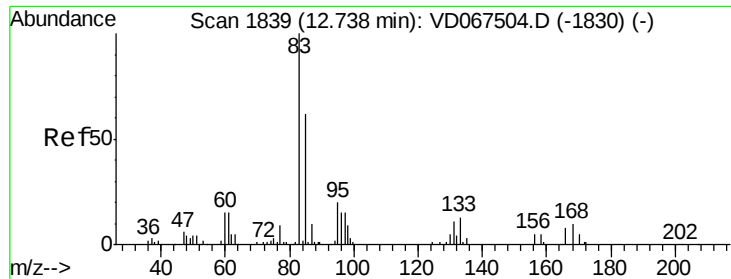
43 100

70 52.4 42.6 64.0

55 30.9 23.7 35.5

61 27.1 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 54.451 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Instrument :

MSVOA_D

ClientSampleId :

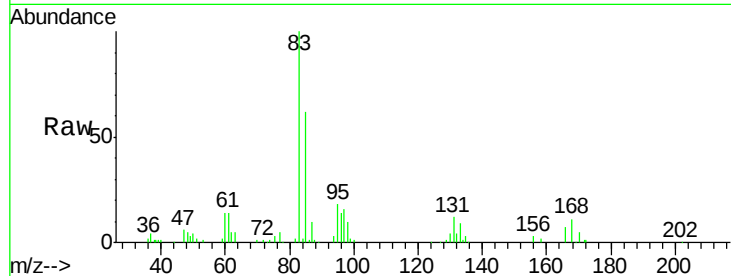
Tot Ion: 83 Resp: 84157

Ion Ratio Lower Upper

83 100

131 13.4 7.1 21.3

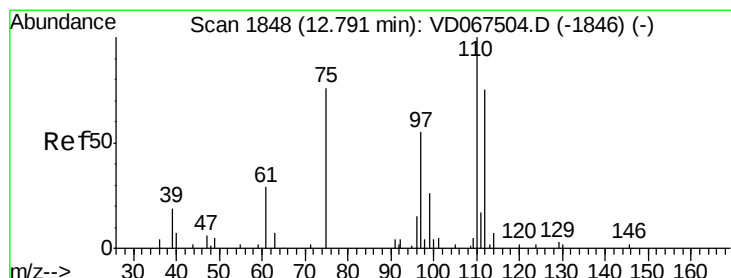
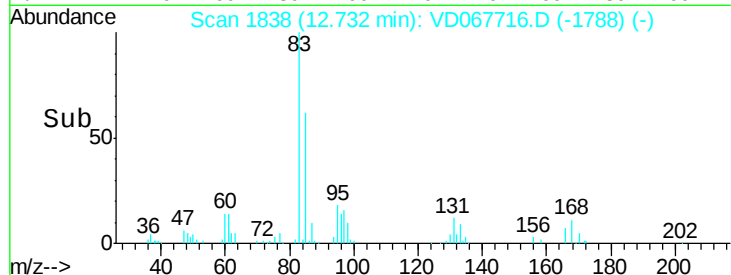
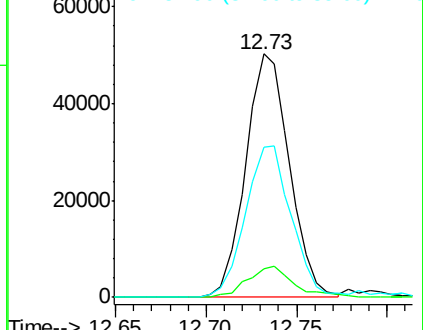
85 65.4 32.9 98.7



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: 115.950 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD067716.D

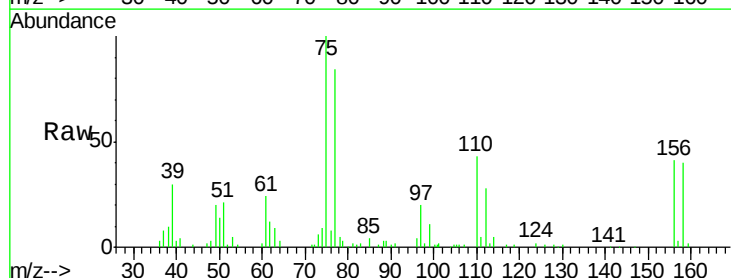
Acq: 20 Nov 2020 11:03

Tgt Ion: 75 Resp: 122671

Ion Ratio Lower Upper

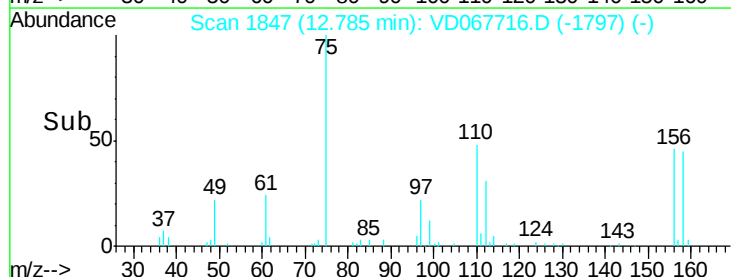
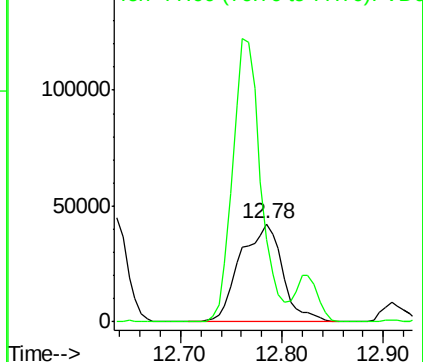
75 100

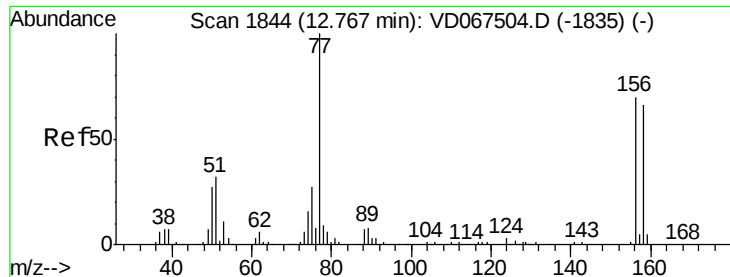
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 56.054 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Instrument :

MSVOA_D

ClientSampleId :

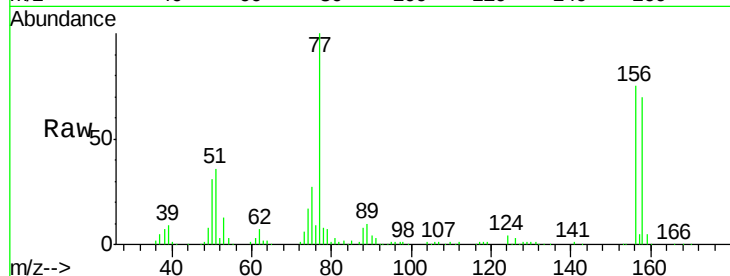
Tot Ion:156 Resp: 156029

Ion Ratio Lower Upper

156 100

77 150.7 77.8 233.5

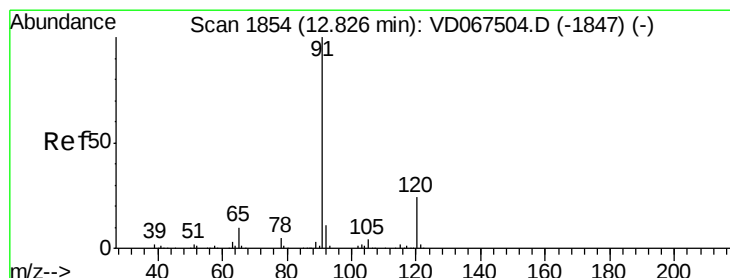
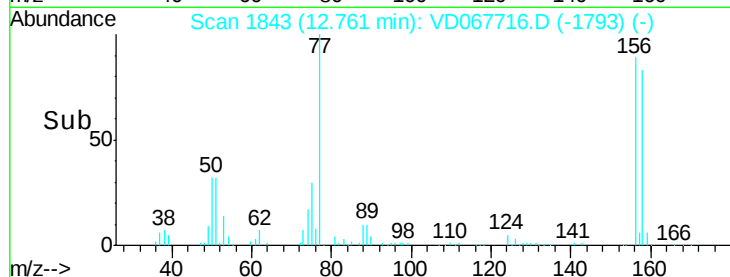
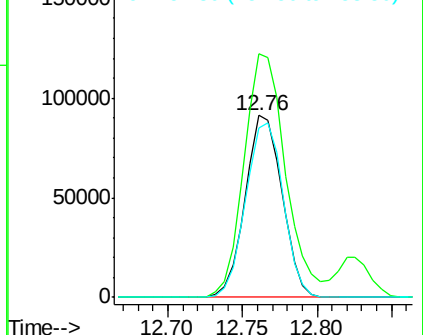
158 97.9 47.9 143.7



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: 58.082 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD067716.D

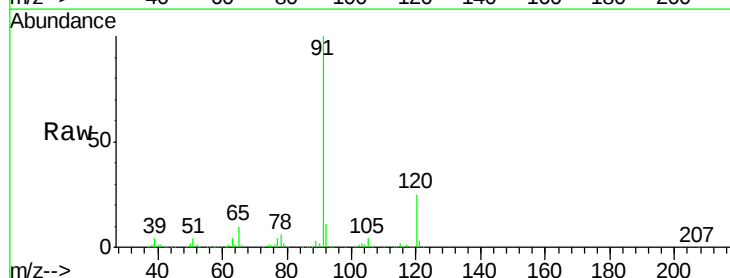
Acq: 20 Nov 2020 11:03

Tgt Ion: 91 Resp: 753000

Ion Ratio Lower Upper

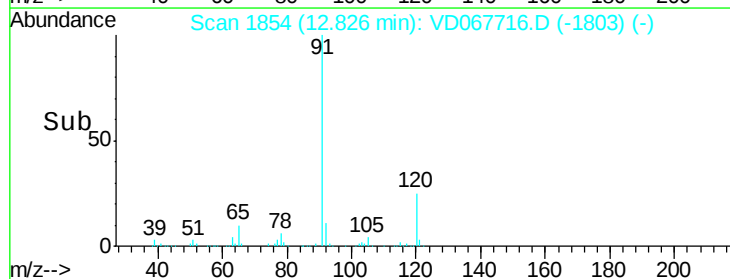
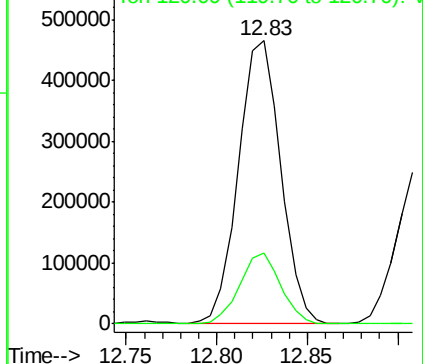
91 100

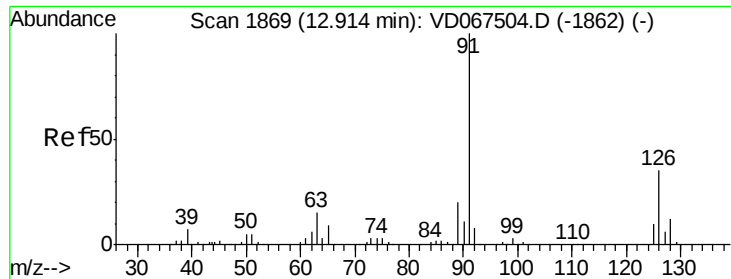
120 24.4 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

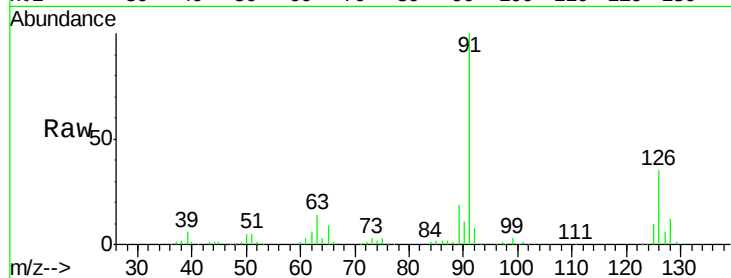




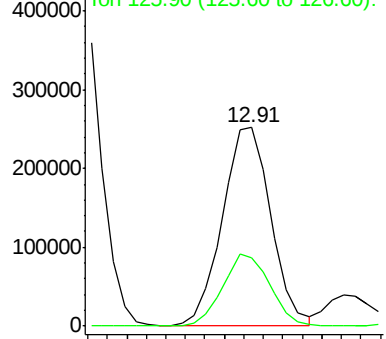
#79
2-Chlorotoluene
Concen: 58.708 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampled :

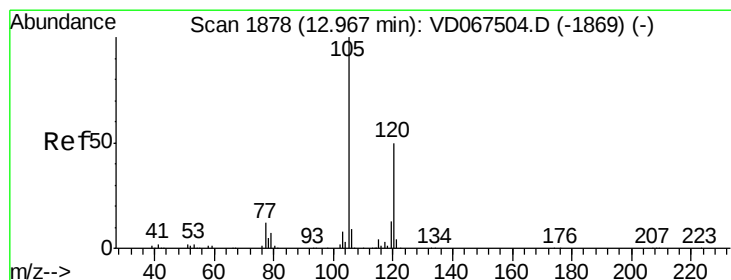
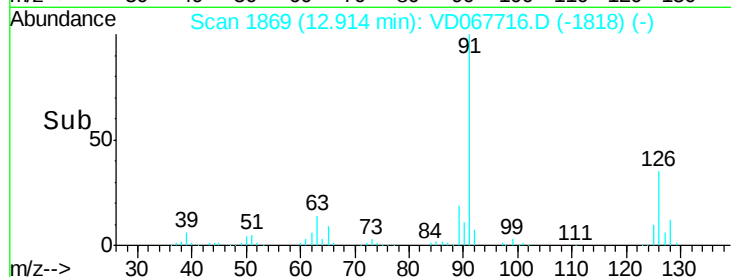
Tot Ion: 91 Resp: 432343
Ion Ratio Lower Upper
91 100
126 35.6 17.8 53.4



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 125.90 (125.60 to 126.60): V

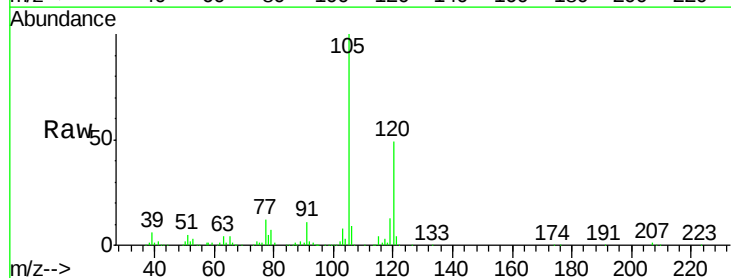


Time-->

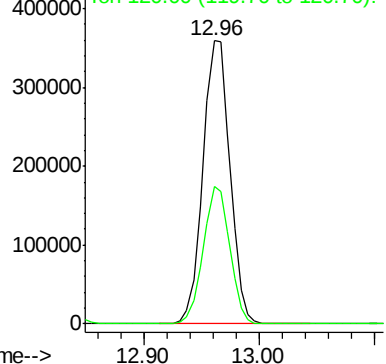


#80
1,3,5-Trimethylbenzene
Concen: 59.987 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.01 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

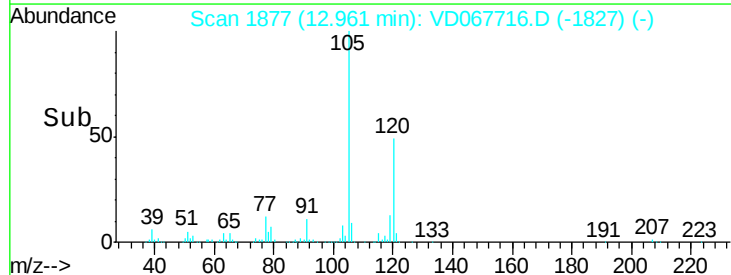
Tgt Ion: 105 Resp: 580805
Ion Ratio Lower Upper
105 100
120 47.9 24.3 72.8

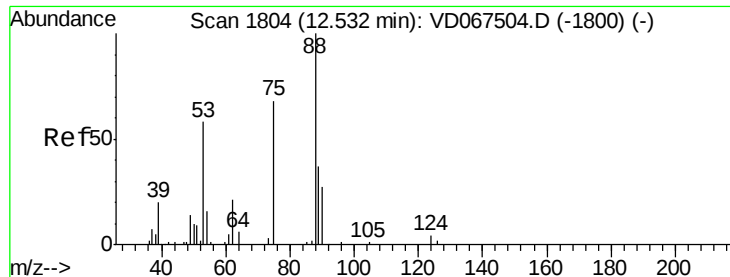


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



Time-->

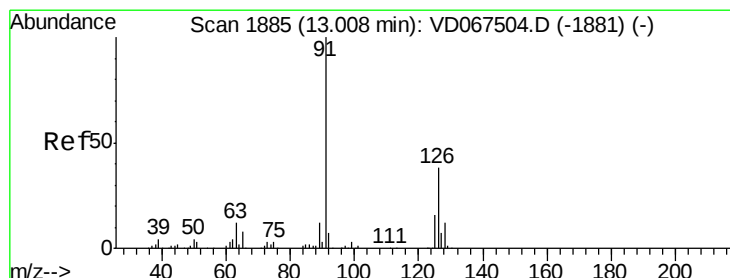
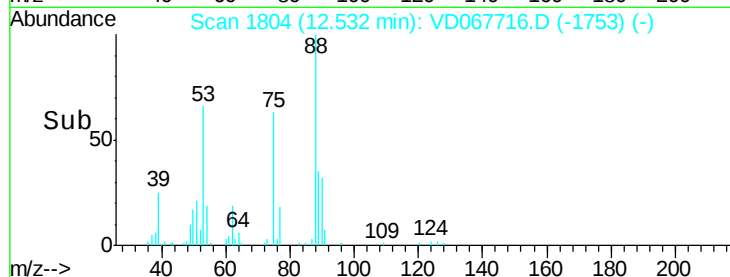
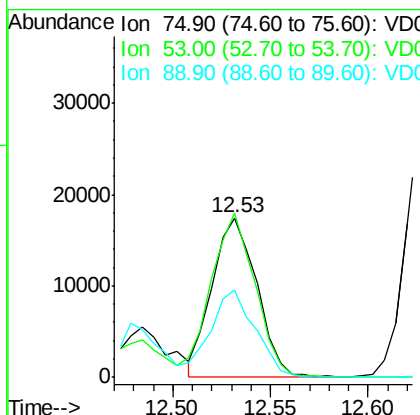
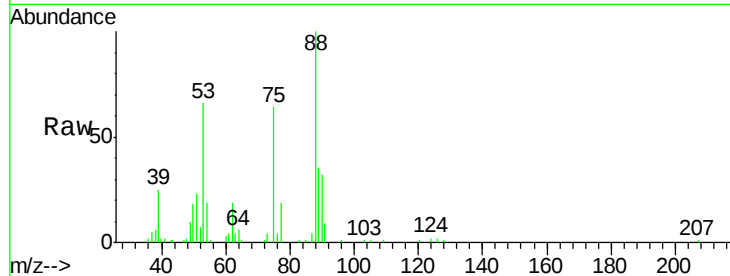




#81
trans-1,4-Dichloro-2-butene
Concen: 53.353 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

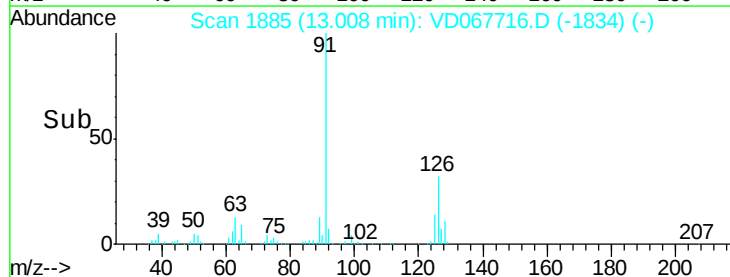
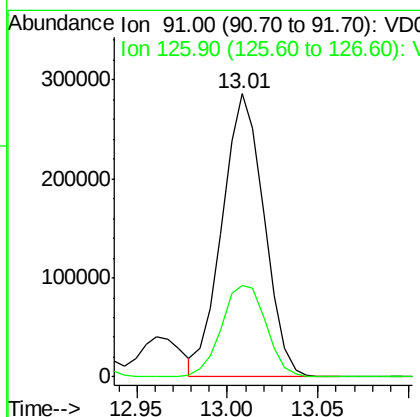
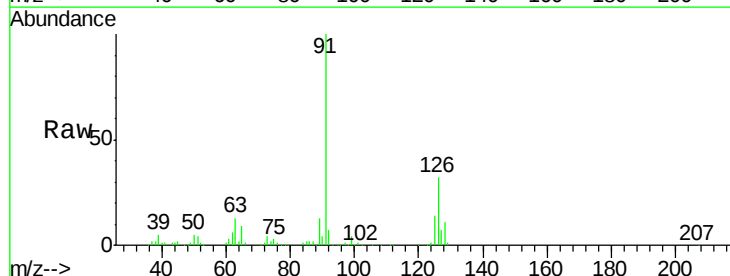
Instrument :
MSVOA_D
ClientSampleId :

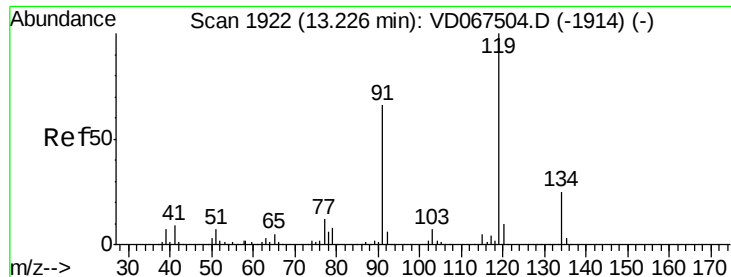
Tot Ion: 75 Resp: 27802
Ion Ratio Lower Upper
75 100
53 102.2 75.9 113.9
89 55.3 44.6 67.0



#82
4-Chlorotoluene
Concen: 58.143 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Tgt Ion: 91 Resp: 459235
Ion Ratio Lower Upper
91 100
126 34.5 17.9 53.7





#83

tert-Butylbenzene

Concen: 62.320 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Instrument :

MSVOA_D

ClientSampleId :

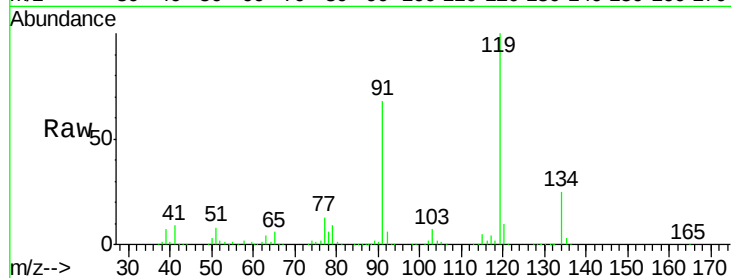
Tot Ion:119 Resp: 511384

Ion Ratio Lower Upper

119 100

91 65.4 32.7 98.1

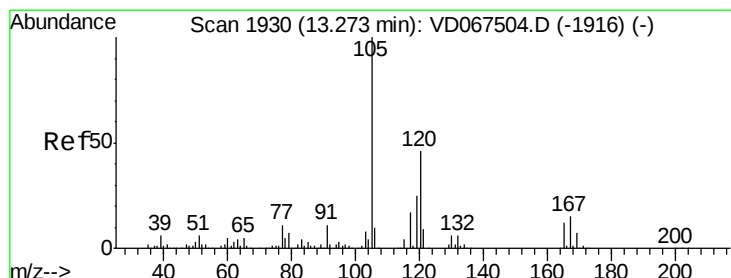
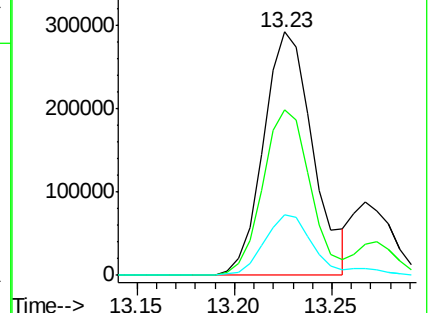
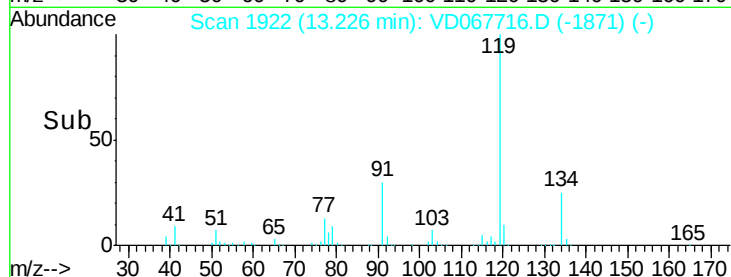
134 25.8 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 59.377 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.00 min

Lab File: VD067716.D

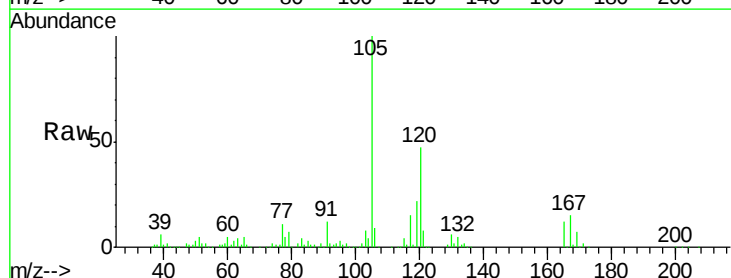
Acq: 20 Nov 2020 11:03

Tgt Ion:105 Resp: 572264

Ion Ratio Lower Upper

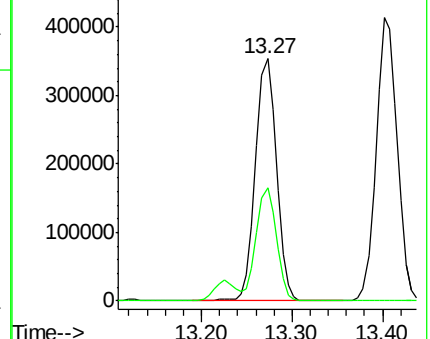
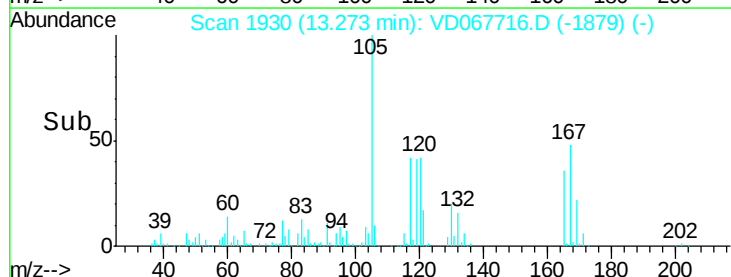
105 100

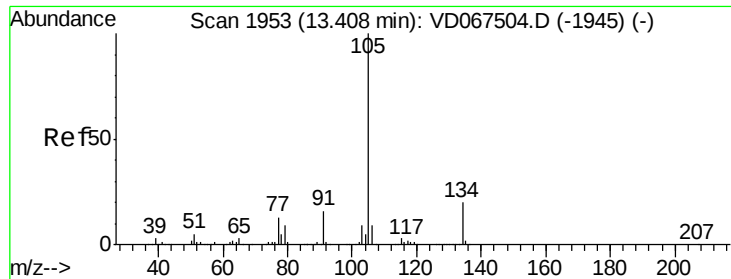
120 44.9 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 60.028 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Instrument :

MSVOA_D

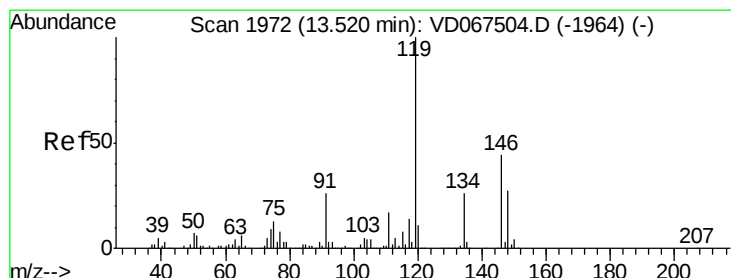
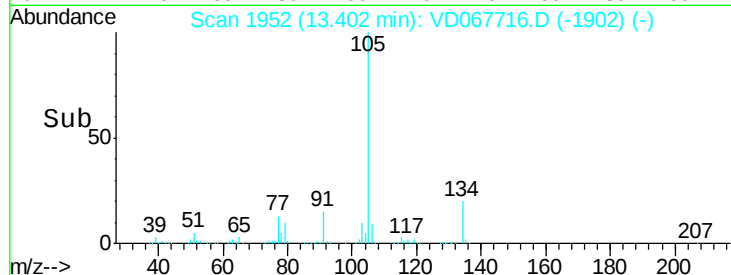
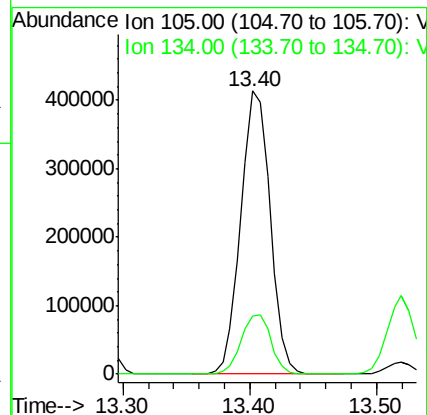
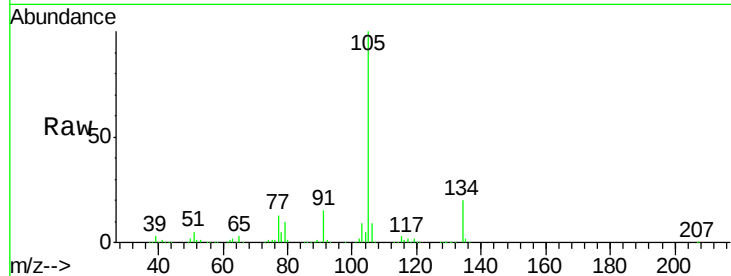
ClientSampleId :

Tot Ion:105 Resp: 664955

Ion Ratio Lower Upper

105 100

134 21.2 10.4 31.4



#86

p-Isopropyltoluene

Concen: 59.816 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

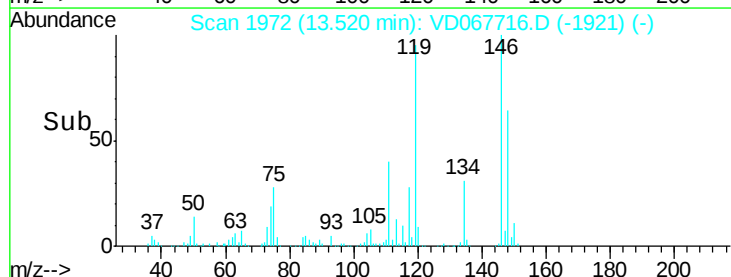
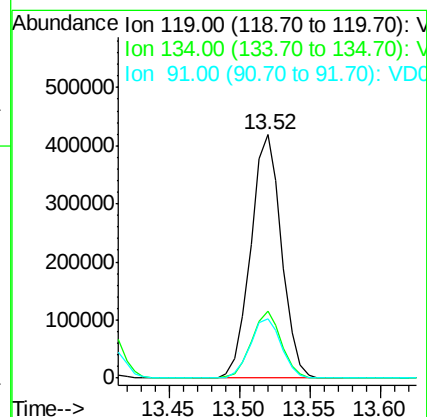
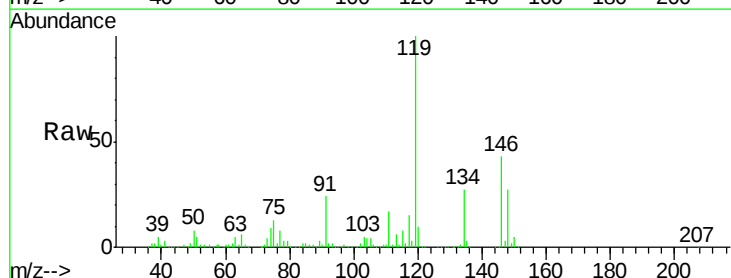
Tgt Ion:119 Resp: 639854

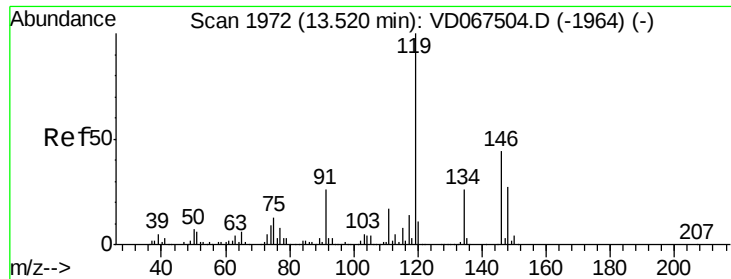
Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

91 24.9 12.2 36.4

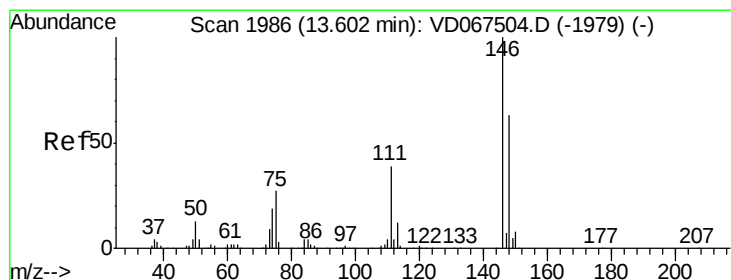
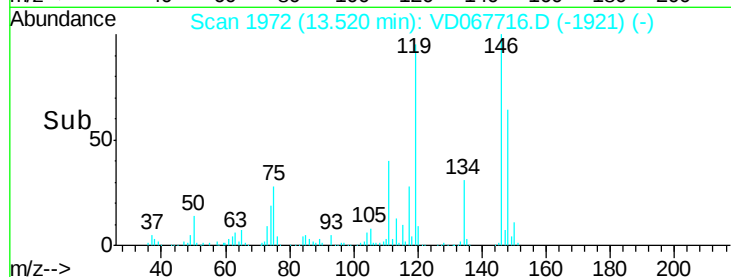
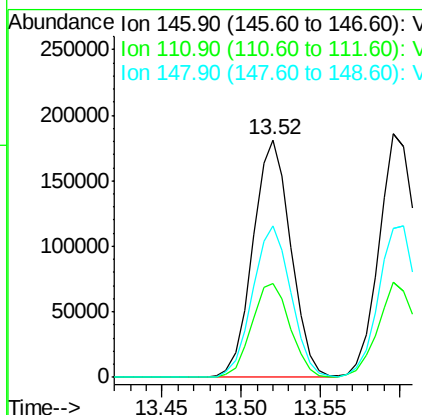
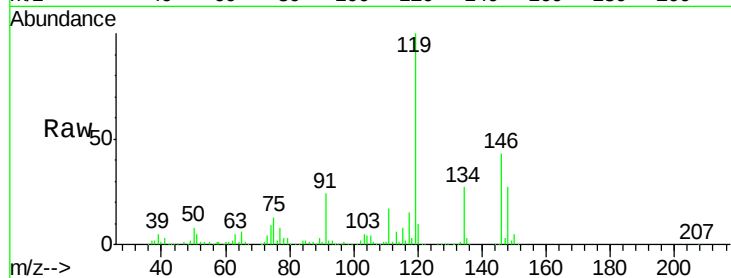




#87
 1,3-Dichlorobenzene
 Concen: 56.711 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD067716.D
 Acq: 20 Nov 2020 11:03

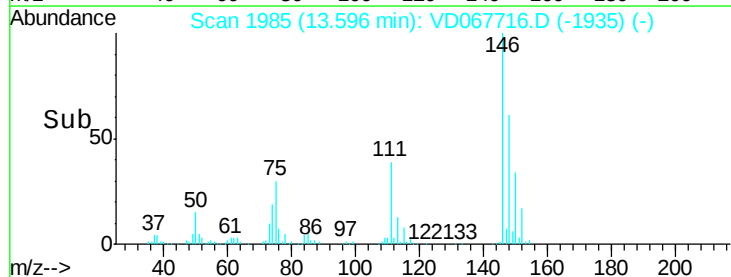
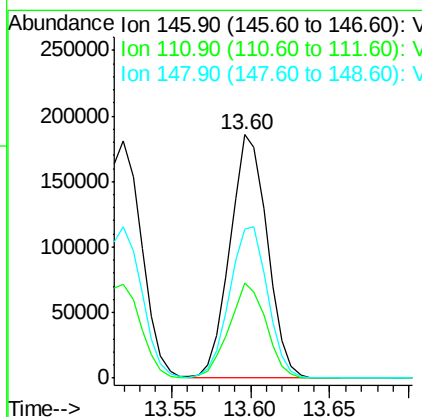
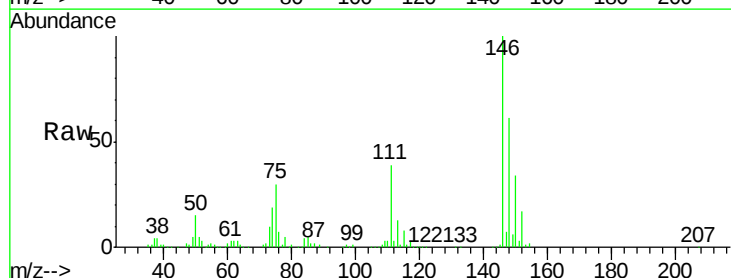
Instrument :
 MSVOA_D
 ClientSampled :

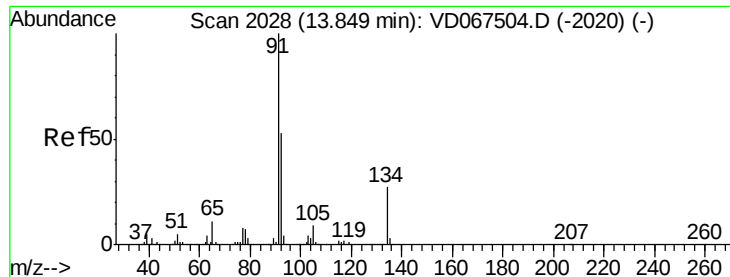
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.3	60.8
148	64.6	31.9	95.9



#88
 1,4-Dichlorobenzene
 Concen: 56.389 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VD067716.D
 Acq: 20 Nov 2020 11:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.6	58.7
148	63.6	31.8	95.4

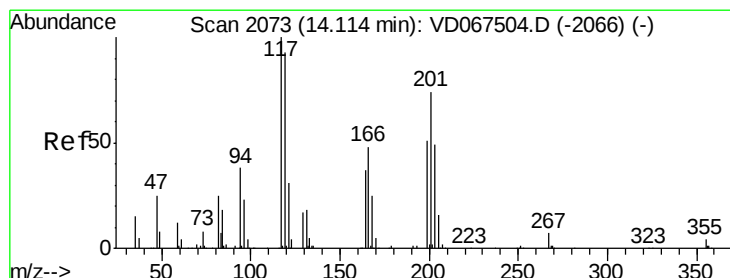
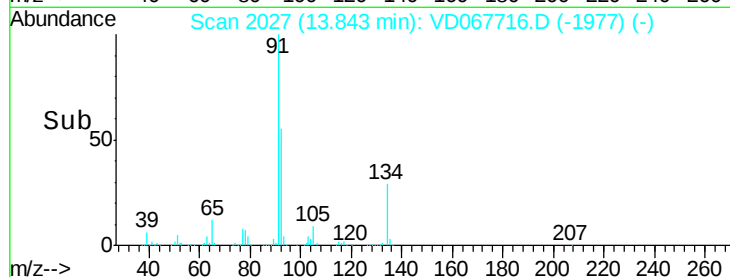
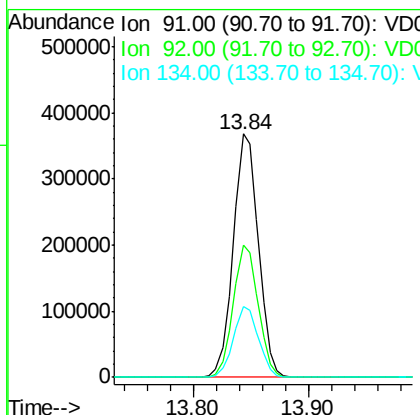
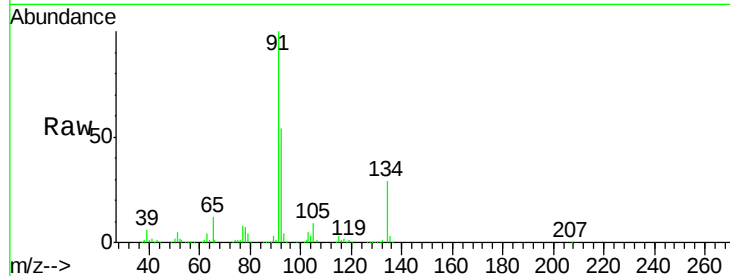




#89
n-Butylbenzene
Concen: 59.835 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

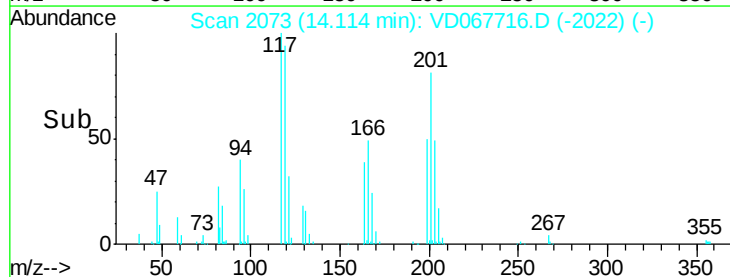
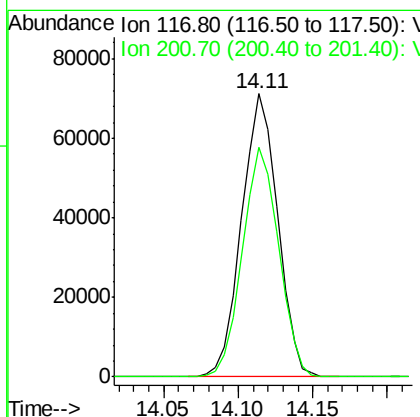
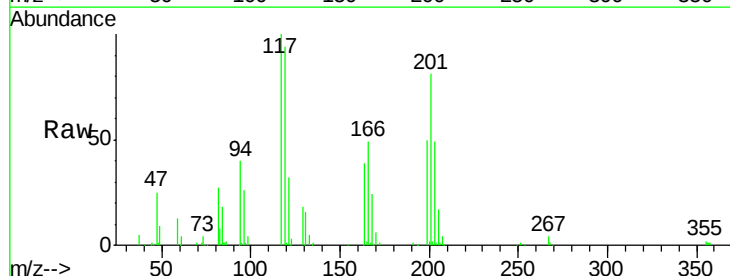
Instrument :
MSVOA_D
ClientSampleId :

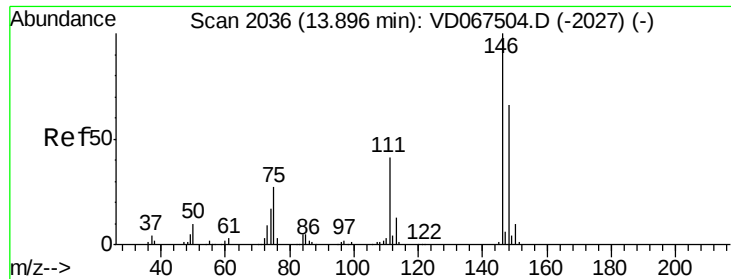
Tot Ion: 91 Resp: 552860
Ion Ratio Lower Upper
91 100
92 54.2 26.6 79.8
134 29.0 14.1 42.2



#90
Hexachloroethane
Concen: 59.025 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Tgt Ion: 117 Resp: 118902
Ion Ratio Lower Upper
117 100
201 81.7 40.7 122.1

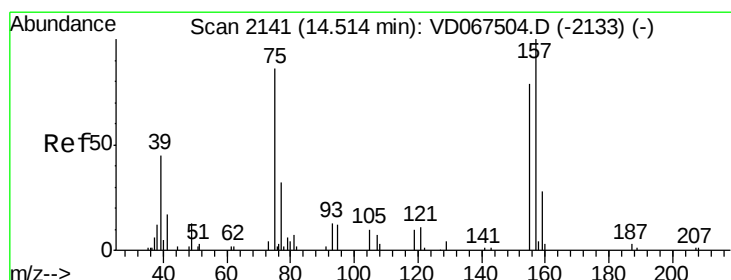
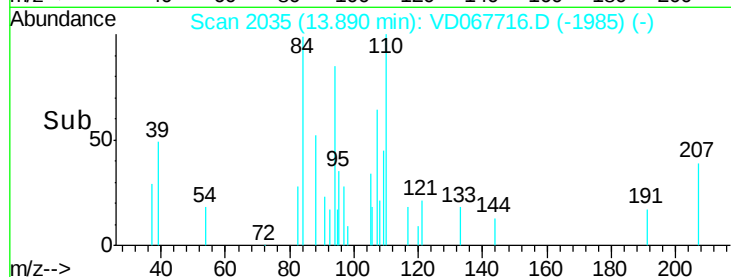
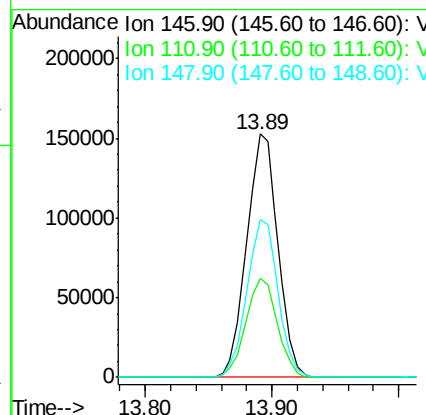
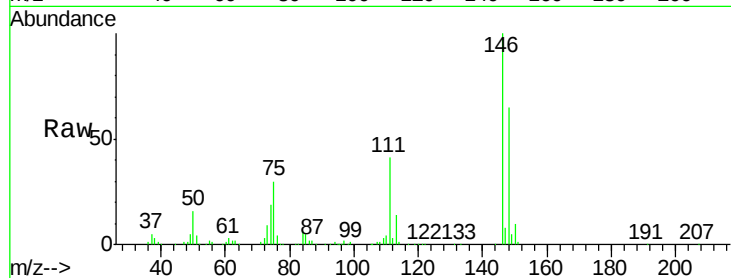




#91
 1,2-Dichlorobenzene
 Concen: 56.979 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD067716.D
 Acq: 20 Nov 2020 11:03

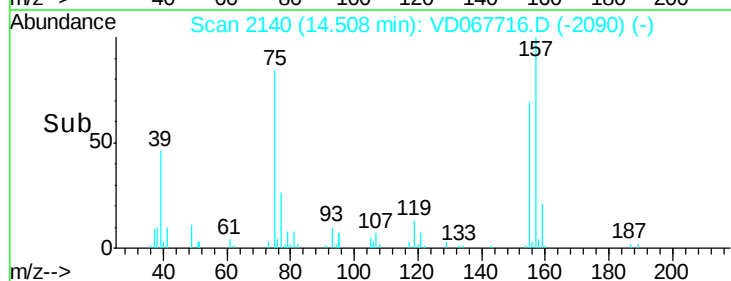
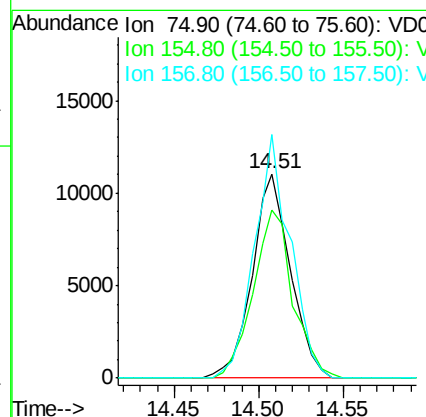
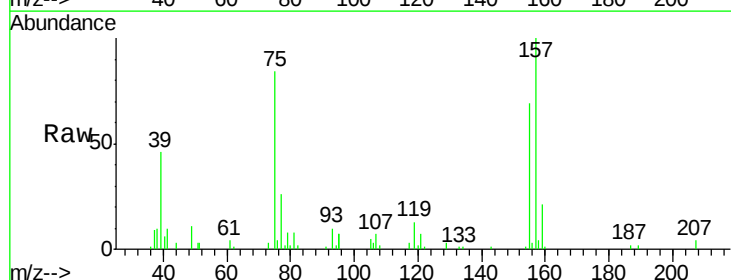
Instrument :
 MSVOA_D
 ClientSampleId :

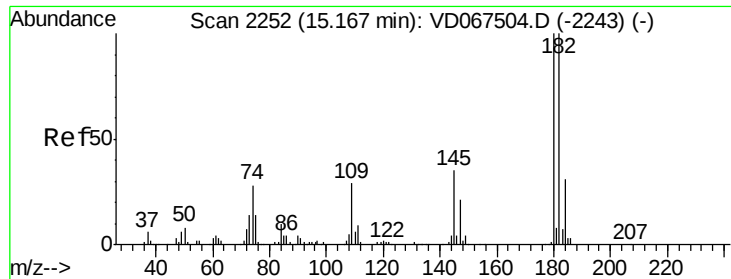
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.7	62.1
148	64.5	31.5	94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 63.327 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067716.D
 Acq: 20 Nov 2020 11:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.7	46.6	139.8
157	111.9	58.1	174.2

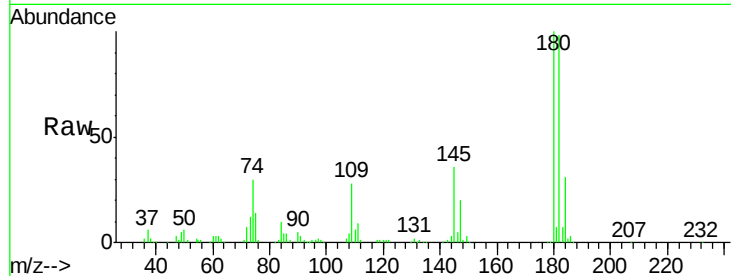




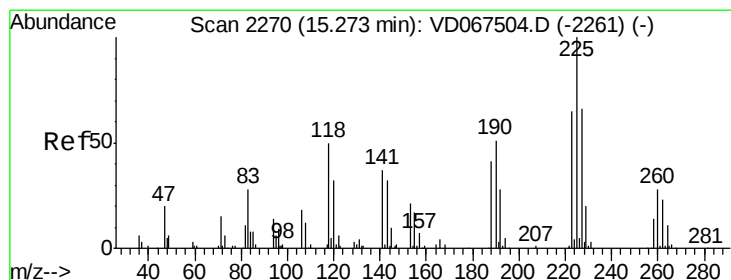
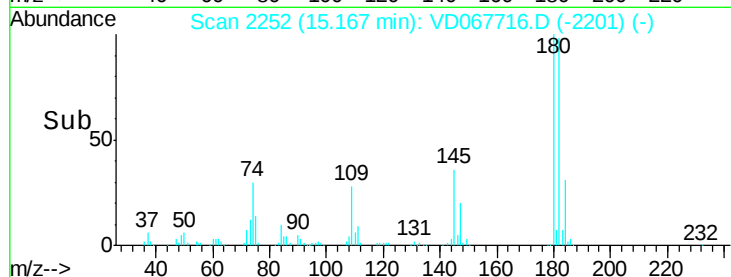
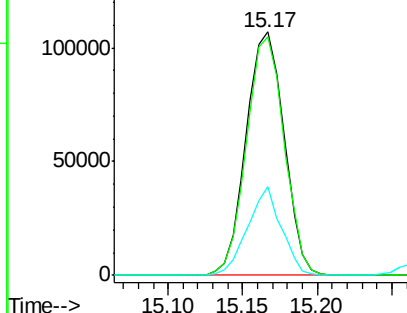
#93
 1,2,4-Trichlorobenzene
 Concen: 60.620 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD067716.D
 Acq: 20 Nov 2020 11:03

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.4	142.3
145	32.1	16.2	48.6

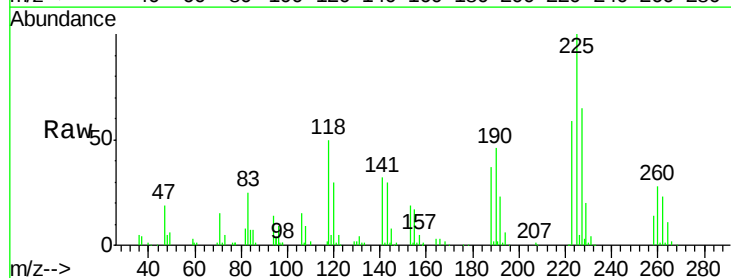


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

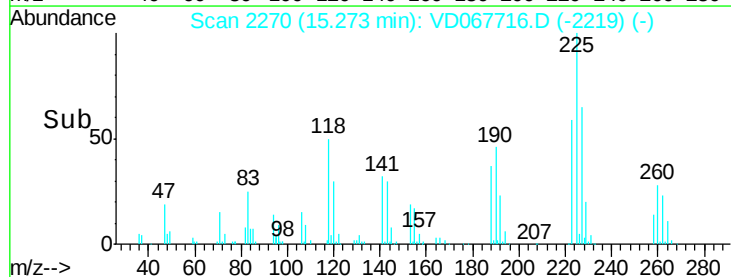
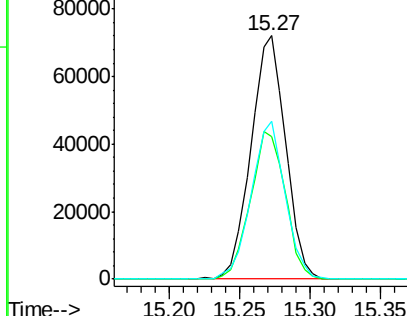


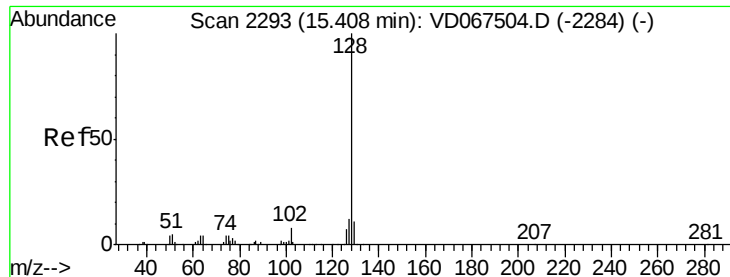
#94
 Hexachlorobutadiene
 Concen: 59.560 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD067716.D
 Acq: 20 Nov 2020 11:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	31.9	95.5
227	63.4	32.5	97.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

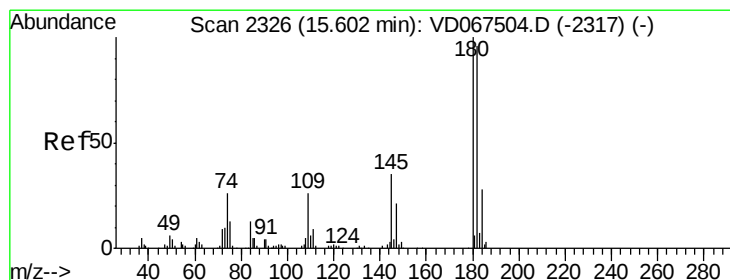
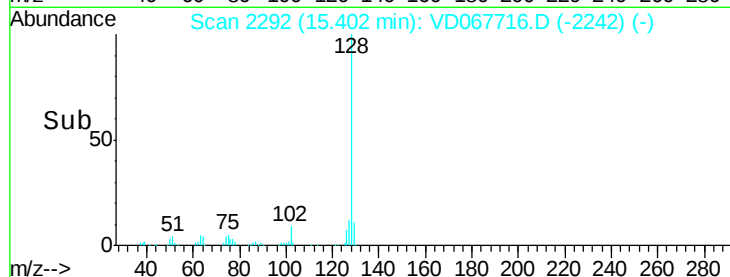
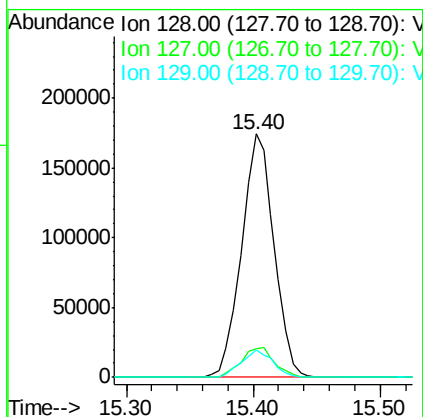
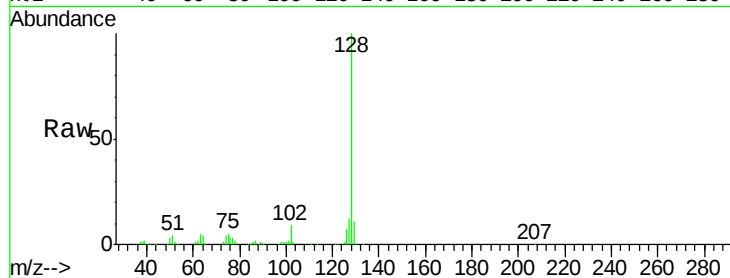




#95
Naphthalene
Concen: 64.142 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:128 Resp: 308834
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 59.929 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Tgt Ion:180 Resp: 160114
Ion Ratio Lower Upper
180 100
182 95.2 46.9 140.8
145 34.5 17.1 51.2

