

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110420\
 Data File : VD067512.D
 Acq On : 04 Nov 2020 11:31
 Operator : VA/SY
 Sample : VD1104SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1104SBS01

Quant Time: Nov 05 00:34:27 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	7.99	168	328403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	477390	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	439187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	215746	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	131515	45.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.60%	
35) Dibromofluoromethane	7.92	113	134559	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	
50) Toluene-d8	10.34	98	482458	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
62) 4-Bromofluorobenzene	12.64	95	172597	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	67058	22.747	ug/l	93
3) Chloromethane	2.21	50	44791	21.902	ug/l	96
4) Vinyl Chloride	2.35	62	46088	20.214	ug/l	99
5) Bromomethane	2.76	94	37213	20.137	ug/l	98
6) Chloroethane	2.93	64	29869	21.249	ug/l	97
7) Trichlorofluoromethane	3.27	101	126586	21.442	ug/l	95
8) Diethyl Ether	3.71	74	24790	20.840	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.10	101	64379	21.604	ug/l	99
10) Methyl Iodide	4.30	142	60853	19.053	ug/l	98
11) Tert butyl alcohol	5.20	59	7612	44.945	ug/l #	79
12) 1,1-Dichloroethene	4.07	96	58874	21.479	ug/l	99
13) Acrolein	3.93	56	7208	78.493	ug/l	97
14) Allyl chloride	4.72	41	61168	20.851	ug/l	96
15) Acrylonitrile	5.43	53	44981	102.293	ug/l	98
16) Acetone	4.16	43	42367	98.595	ug/l	99
17) Carbon Disulfide	4.41	76	175399	20.883	ug/l	96
18) Methyl Acetate	4.72	43	17918	20.179	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	110215	20.385	ug/l	94
20) Methylene Chloride	4.97	84	66064	21.765	ug/l	95
21) trans-1,2-Dichloroethene	5.48	96	66605	20.863	ug/l	93
22) Diisopropyl ether	6.37	45	124737	21.820	ug/l	98
23) Vinyl Acetate	6.31	43	317078	105.960	ug/l	99
24) 1,1-Dichloroethane	6.27	63	94897	20.291	ug/l	97
25) 2-Butanone	7.21	43	49075	106.881	ug/l	98
26) 2,2-Dichloropropane	7.21	77	105568	21.388	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	69232	20.892	ug/l	97
28) Bromochloromethane	7.56	49	31138	18.718	ug/l	96
29) Tetrahydrofuran	7.56	42	29016	105.499	ug/l	98
30) Chloroform	7.71	83	117707	21.097	ug/l	96
31) Cyclohexane	7.99	56	86085	20.670	ug/l #	84
32) 1,1,1-Trichloroethane	7.91	97	120042	20.852	ug/l	99
36) 1,1-Dichloropropene	8.12	75	88499	21.657	ug/l	99
37) Ethyl Acetate	7.30	43	22696	21.393	ug/l	97
38) Carbon Tetrachloride	8.10	117	114988	21.658	ug/l	97

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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	104577	21.744	ug/l	97
40) Benzene	8.36	78	237701	21.474	ug/l	100
41) Methacrylonitrile	7.53	41	14665	23.125	ug/l #	80
42) 1,2-Dichloroethane	8.43	62	74040	21.649	ug/l	100
43) Isopropyl Acetate	8.46	43	44412	21.167	ug/l	97
44) Trichloroethene	9.12	130	76537	21.029	ug/l	92
45) 1,2-Dichloropropane	9.40	63	51244	21.412	ug/l	89
46) Dibromomethane	9.48	93	33326	21.901	ug/l	98
47) Bromodichloromethane	9.67	83	88355	21.363	ug/l	95
48) Methyl methacrylate	9.46	41	21761	20.087	ug/l	93
49) 1,4-Dioxane	9.47	88	7443	481.826	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	110559	110.180	ug/l	97
52) Toluene	10.41	92	162284	21.889	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	76374	21.561	ug/l	95
54) cis-1,3-Dichloropropene	10.10	75	88289	20.978	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	42748	21.232	ug/l	96
56) Ethyl methacrylate	10.66	69	43343	20.847	ug/l	99
57) 1,3-Dichloropropane	10.95	76	69025	21.305	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.95	63	100636	103.796	ug/l	98
59) 2-Hexanone	10.99	43	75137	107.093	ug/l	97
60) Dibromochloromethane	11.14	129	64843	21.772	ug/l	99
61) 1,2-Dibromoethane	11.26	107	41911	20.741	ug/l	95
64) Tetrachloroethene	10.88	164	69817	21.465	ug/l	96
65) Chlorobenzene	11.68	112	175384	20.731	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	71778	21.527	ug/l	98
67) Ethyl Benzene	11.75	91	311805	21.539	ug/l	95
68) m/p-Xylenes	11.86	106	241719	42.918	ug/l	98
69) o-Xylene	12.18	106	109353	21.747	ug/l	98
70) Styrene	12.20	104	189022	21.573	ug/l	98
71) Bromoform	12.37	173	36574	21.507	ug/l #	100
73) Isopropylbenzene	12.48	105	308352	22.115	ug/l	99
74) N-amyl acetate	12.29	43	38012	20.718	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	42730	22.474	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	57490	44.172	ug/l #	100
77) Bromobenzene	12.77	156	72658	21.218	ug/l	98
78) n-propylbenzene	12.83	91	355186	22.271	ug/l	99
79) 2-Chlorotoluene	12.91	91	201218	22.210	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	267082	22.423	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	13886	21.661	ug/l	95
82) 4-Chlorotoluene	13.01	91	218345	22.472	ug/l	99
83) tert-Butylbenzene	13.23	119	225211	22.310	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	262833	22.168	ug/l	99
85) sec-Butylbenzene	13.41	105	305017	22.383	ug/l	99
86) p-Isopropyltoluene	13.52	119	296244	22.512	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	146623	22.440	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	141400	21.372	ug/l	98
89) n-Butylbenzene	13.85	91	243722	21.442	ug/l	99
90) Hexachloroethane	14.11	117	53073	21.416	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	123753	21.884	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7799	23.167	ug/l	91

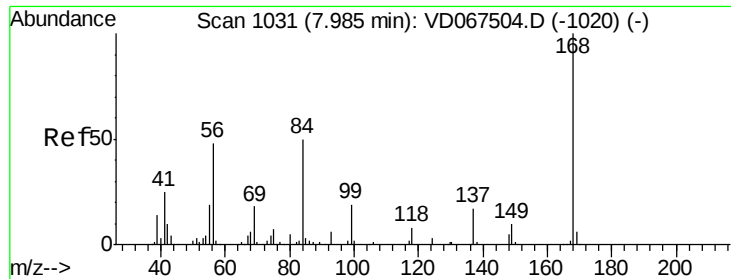
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110420\
Data File : VD067512.D
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Operator : VA/SY
Sample : VD1104SBSD01
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Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	83195	21.676	ug/l	99
94) Hexachlorobutadiene	15.27	225	53175	20.701	ug/l	97
95) Naphthalene	15.41	128	128744	21.736	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	71772	21.837	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067512.D

Acq: 04 Nov 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

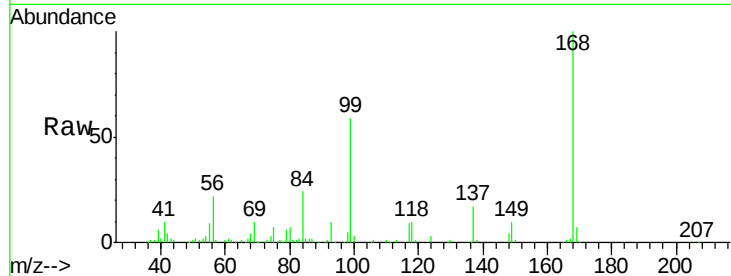
VD1104SBSD01

Tot Ion:168 Resp: 328403

Ion Ratio Lower Upper

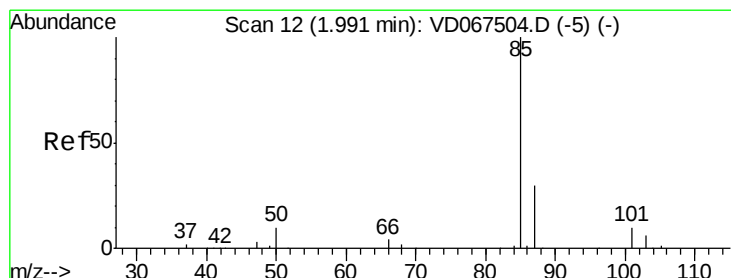
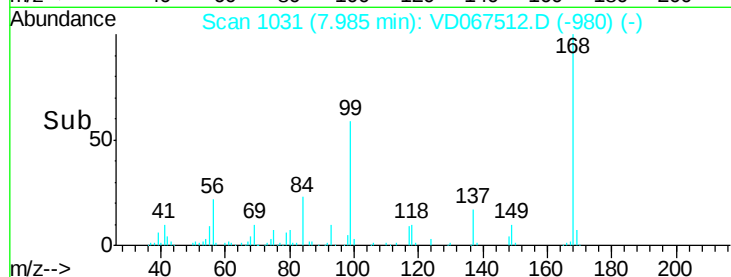
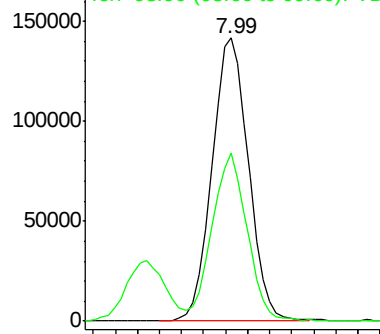
168 100

99 58.9 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: 22.747 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067512.D

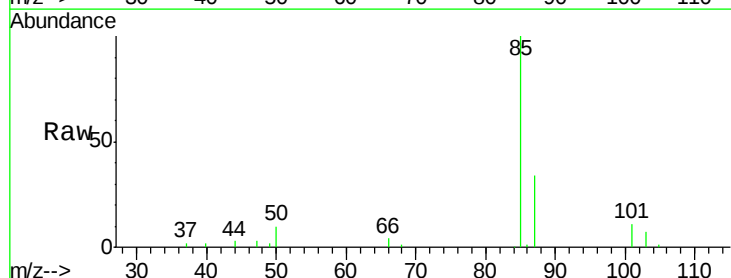
Acq: 04 Nov 2020 11:31

Tgt Ion: 85 Resp: 67058

Ion Ratio Lower Upper

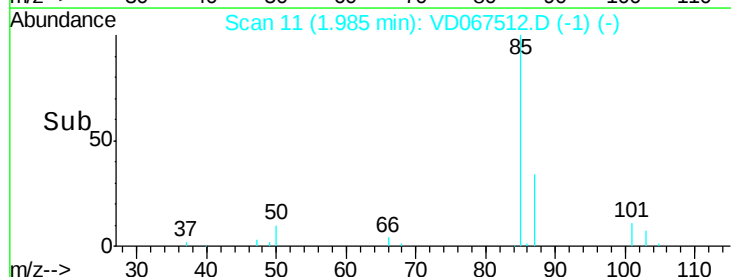
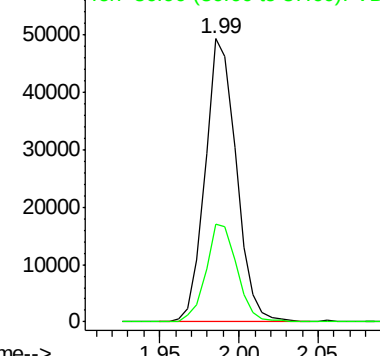
85 100

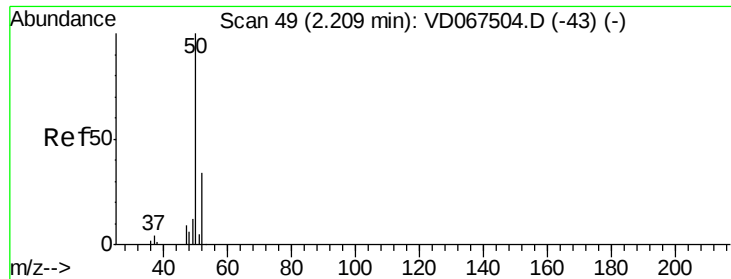
87 34.4 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 21.902 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067512.D

Acq: 04 Nov 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

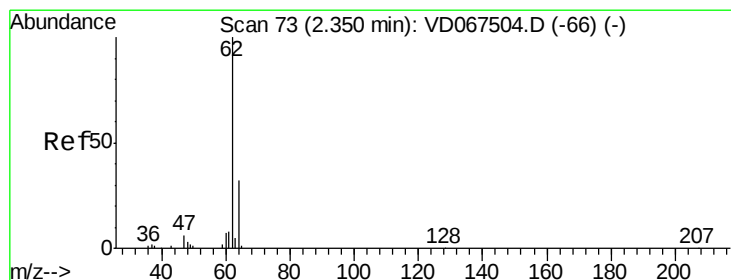
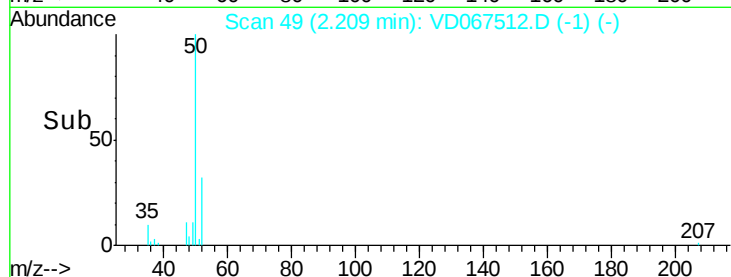
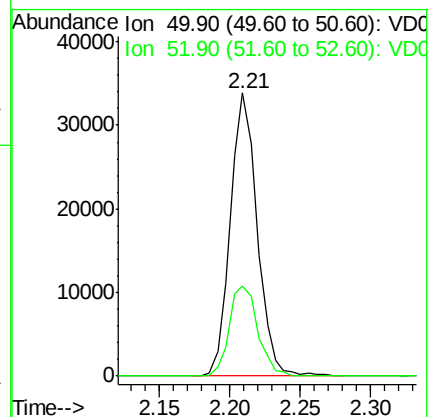
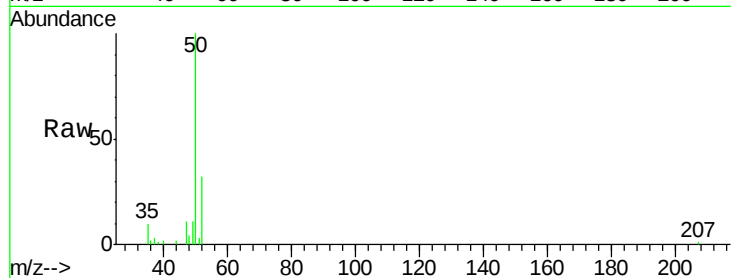
VD1104SBSD01

Tot Ion: 50 Resp: 44791

Ion Ratio Lower Upper

50 100

52 32.0 27.3 40.9



#4

Vinyl Chloride

Concen: 20.214 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067512.D

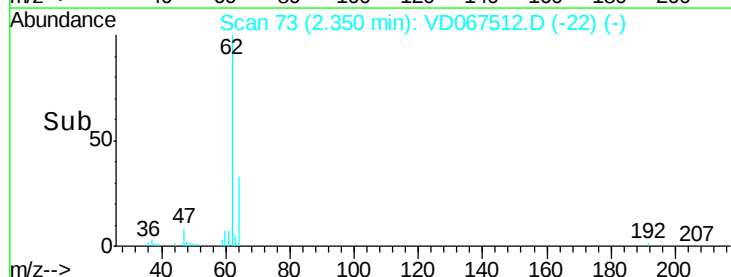
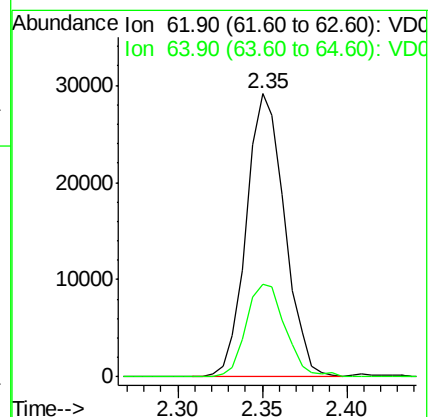
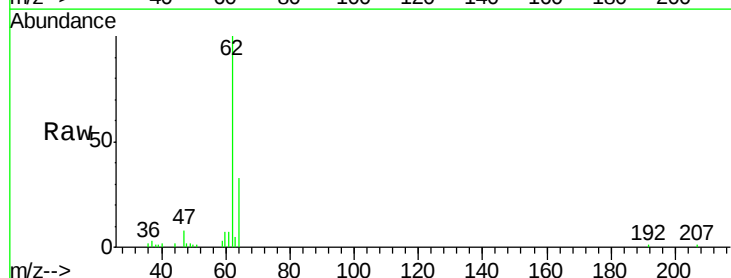
Acq: 04 Nov 2020 11:31

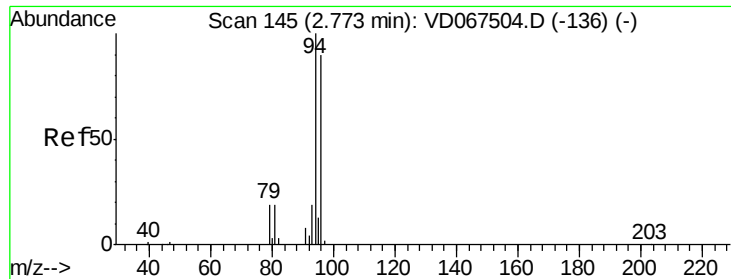
Tgt Ion: 62 Resp: 46088

Ion Ratio Lower Upper

62 100

64 32.7 25.6 38.4





#5

Bromomethane

Concen: 20.137 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067512.D

Acq: 04 Nov 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

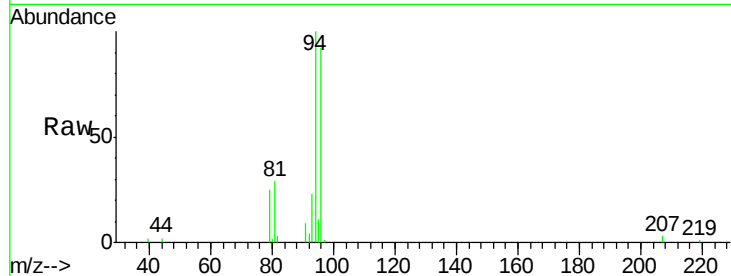
VD1104SBS01

Tot Ion: 94 Resp: 37213

Ion Ratio Lower Upper

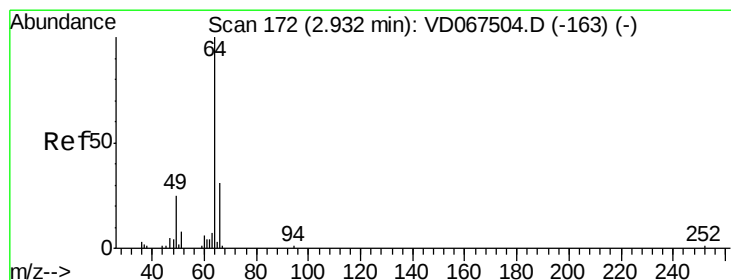
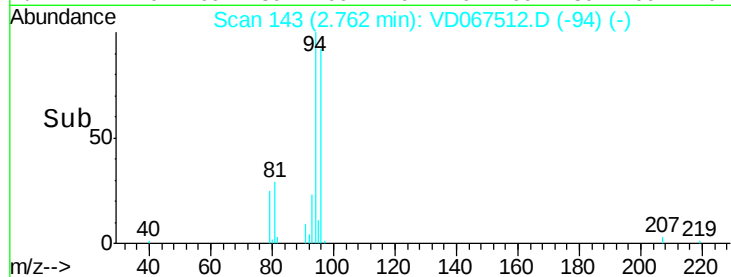
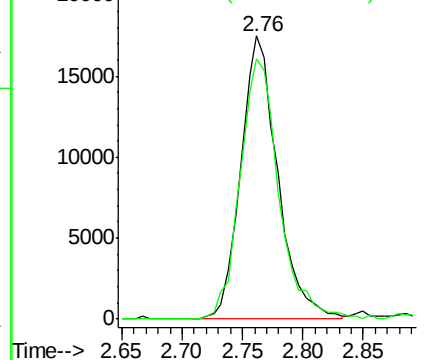
94 100

96 92.1 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: 21.249 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.01 min

Lab File: VD067512.D

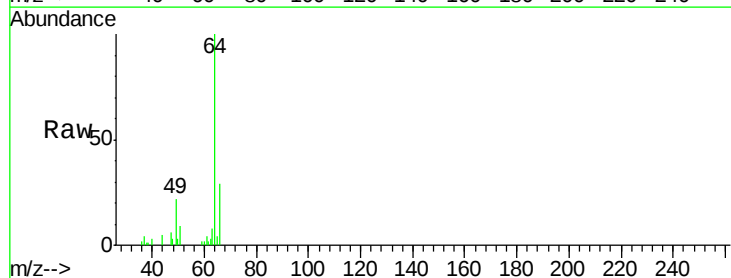
Acq: 04 Nov 2020 11:31

Tgt Ion: 64 Resp: 29869

Ion Ratio Lower Upper

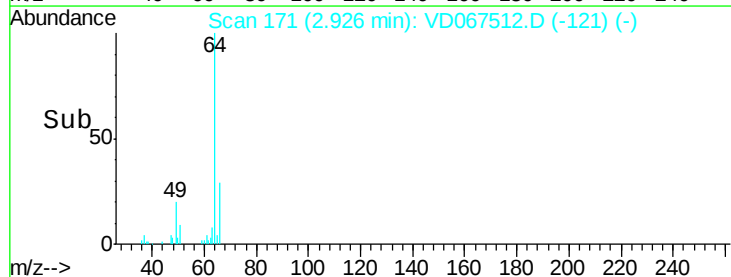
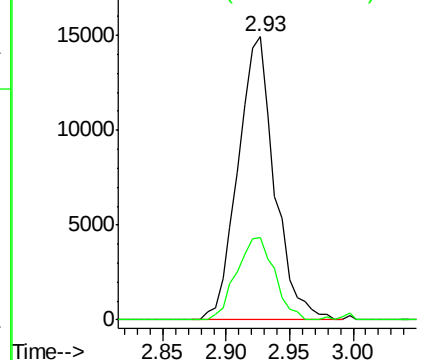
64 100

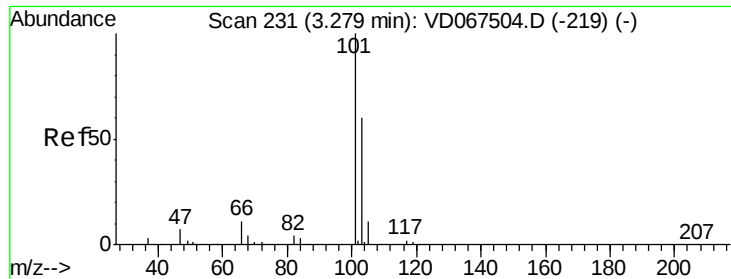
66 28.9 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



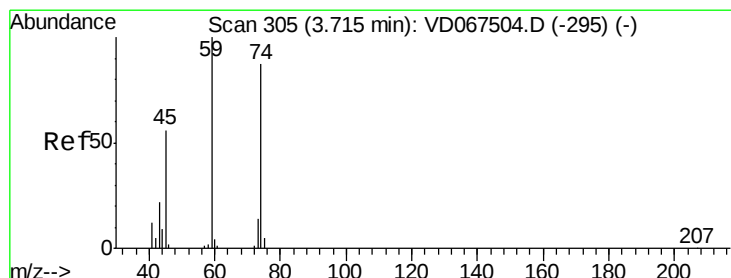
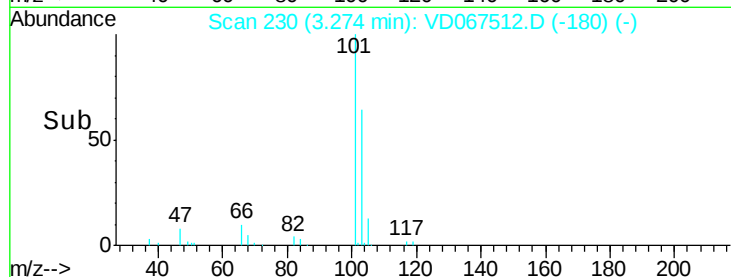
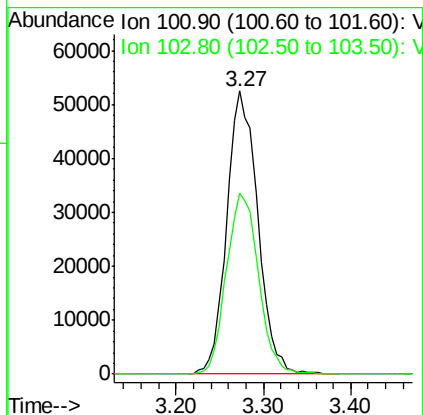
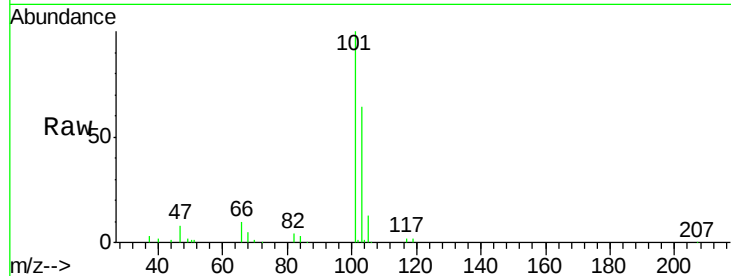


#7

Trichlorofluoromethane
Concen: 21.442 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.01 min
Lab File: VD067512.D
Acq: 04 Nov 2020 11:31

Instrument :
MSVOA_D
ClientSampleId :
VD1104SBSD01

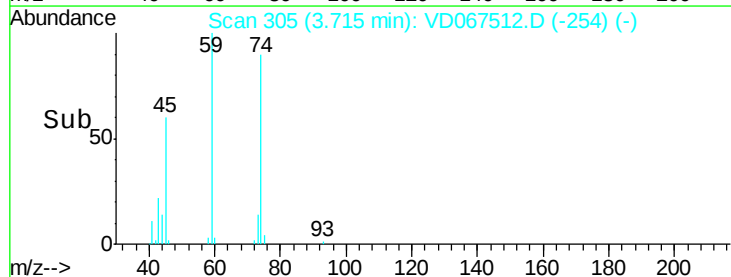
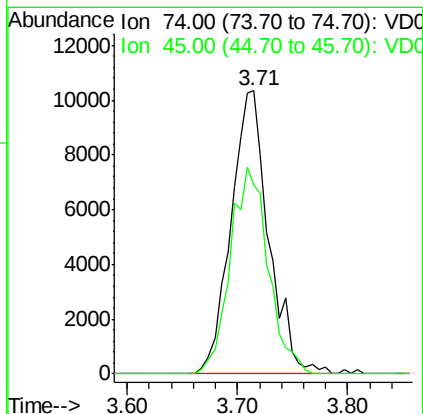
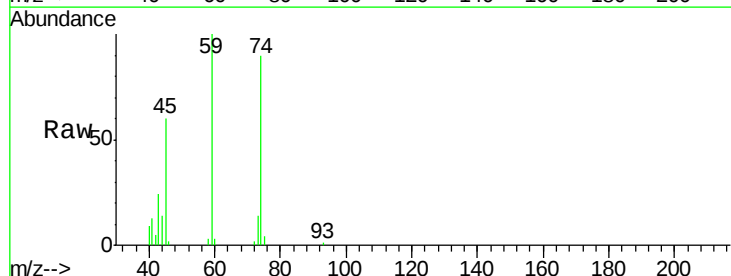
Tot Ion:101 Resp: 126586
Ion Ratio Lower Upper
101 100
103 64.1 48.1 72.1

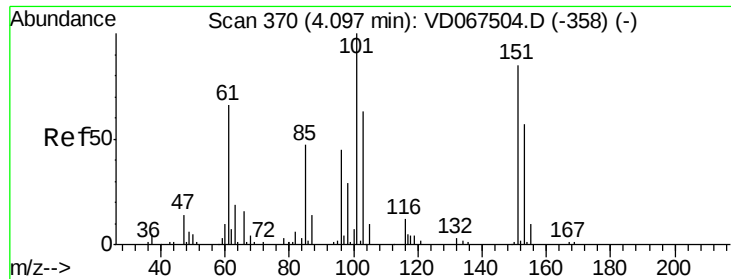


#8

Diethyl Ether
Concen: 20.840 ug/l
RT: 3.71 min Scan# 305
Delta R.T. 0.00 min
Lab File: VD067512.D
Acq: 04 Nov 2020 11:31

Tgt Ion: 74 Resp: 24790
Ion Ratio Lower Upper
74 100
45 73.4 38.2 114.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.604 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067512.D

Acq: 04 Nov 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

VD1104SBSD01

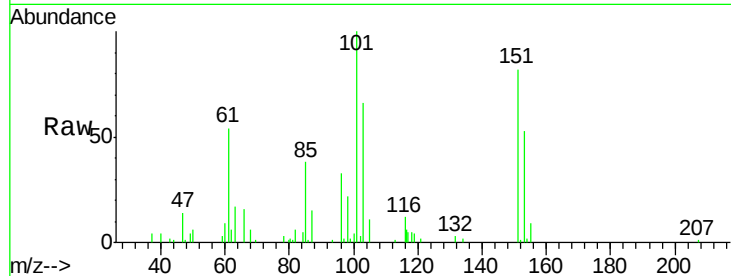
Tot Ion:101 Resp: 64379

Ion Ratio Lower Upper

101 100

85 42.9 34.4 51.6

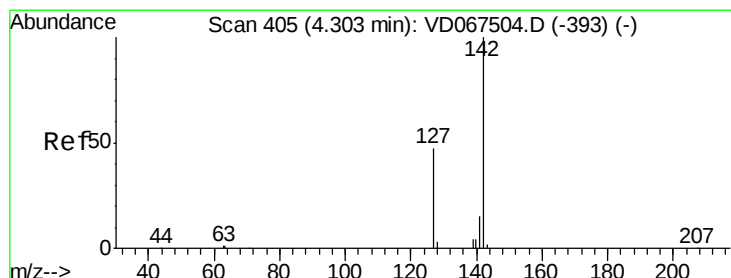
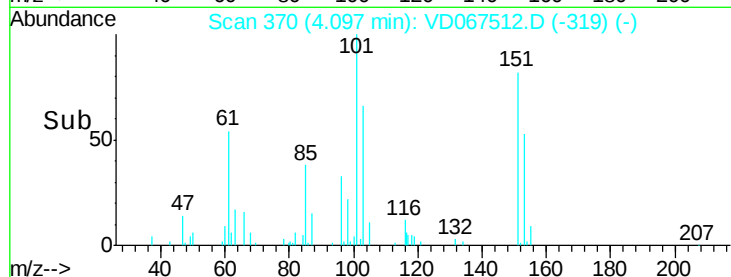
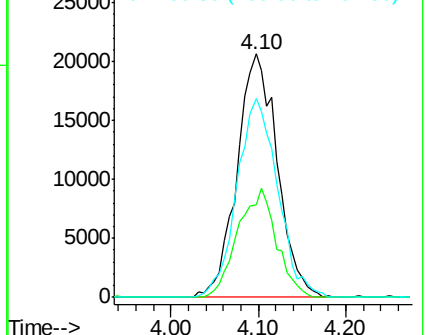
151 83.1 68.1 102.1



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: 19.053 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

Lab File: VD067512.D

Acq: 04 Nov 2020 11:31

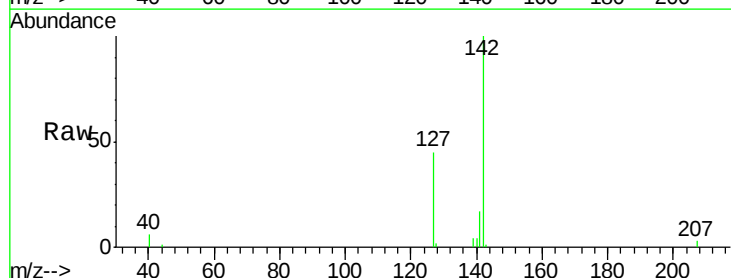
Tgt Ion:142 Resp: 60853

Ion Ratio Lower Upper

142 100

127 51.3 40.0 60.0

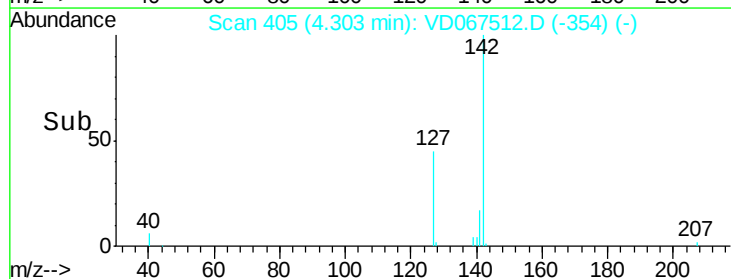
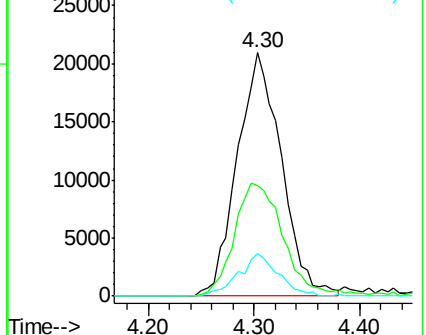
141 15.5 11.7 17.5

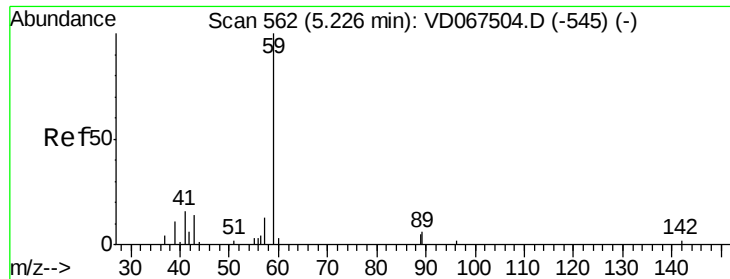


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

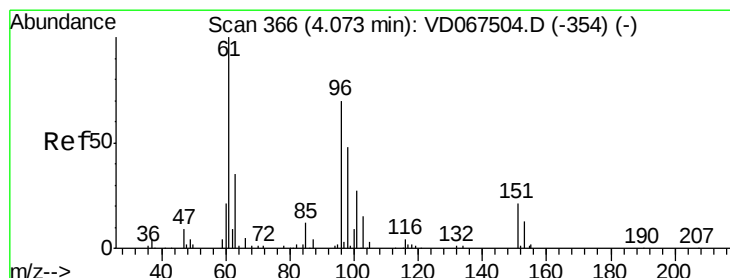
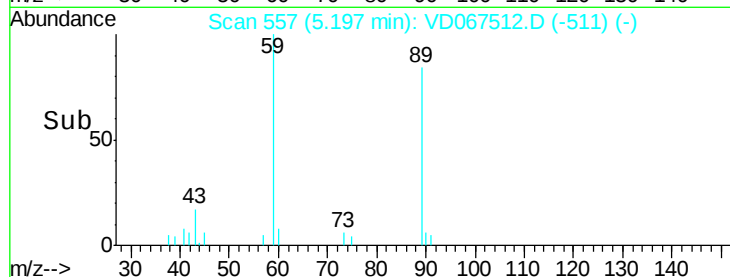
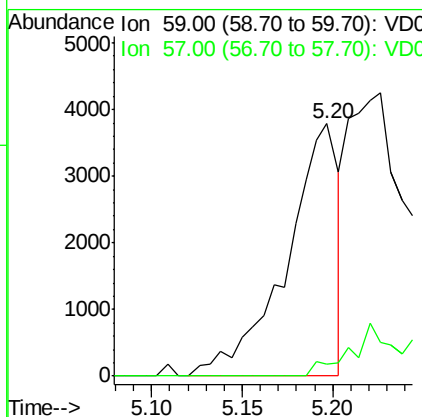
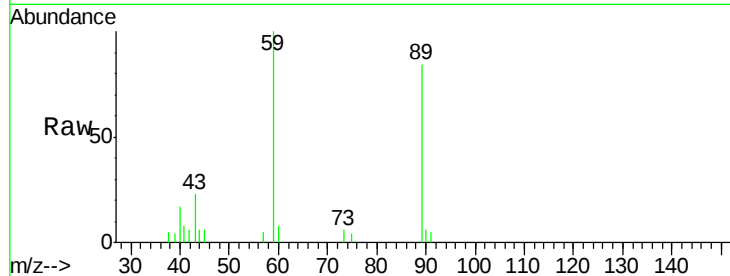




#11
Tert butyl alcohol
Concen: 44.945 ug/l
RT: 5.20 min Scan# 557
Delta R.T. -0.03 min
Lab File: VD067512.D
Acq: 04 Nov 2020 11:31

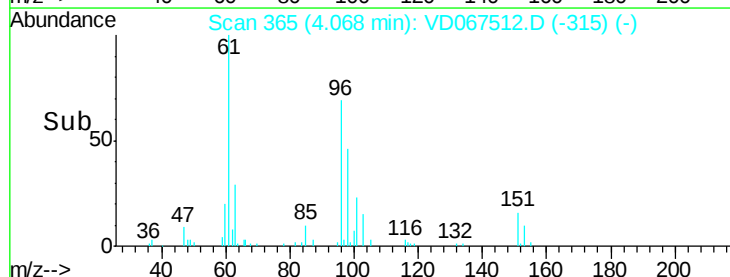
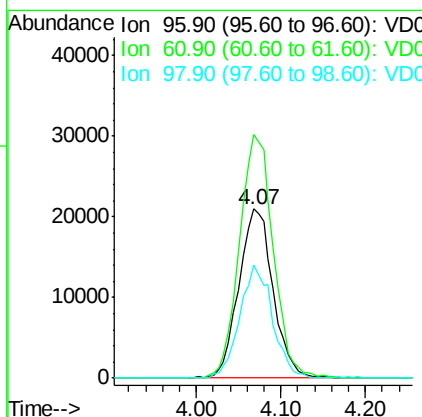
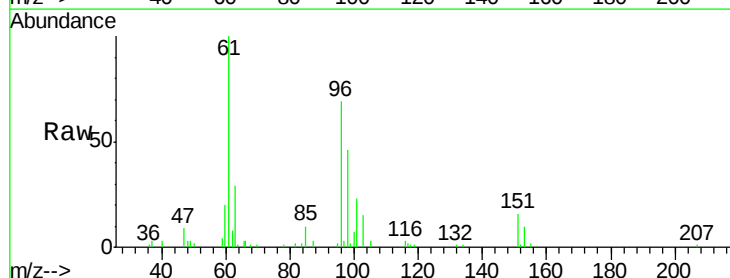
Instrument :
MSVOA_D
ClientSampleId :
VD1104SBSD01

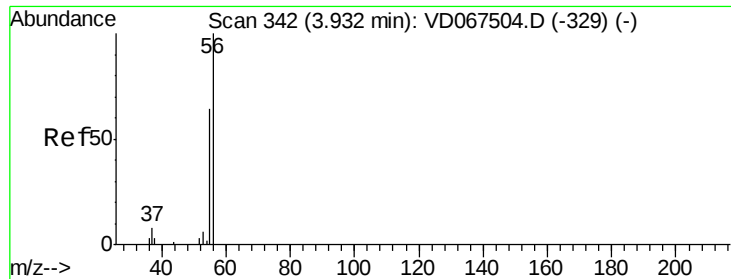
Tot Ion: 59 Resp: 7612
Ion Ratio Lower Upper
59 100
57 0.0 5.9 8.9#



#12
1,1-Dichloroethene
Concen: 21.479 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.01 min
Lab File: VD067512.D
Acq: 04 Nov 2020 11:31

Tgt Ion: 96 Resp: 58874
Ion Ratio Lower Upper
96 100
61 144.2 114.5 171.7
98 67.0 54.5 81.7

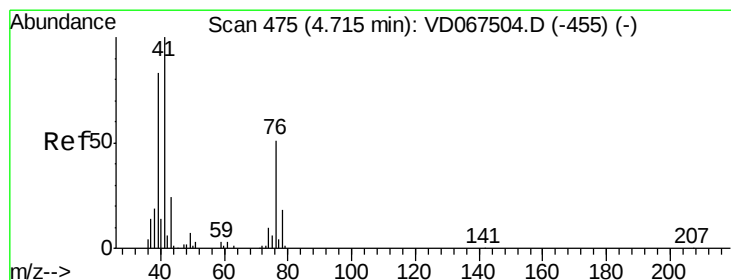
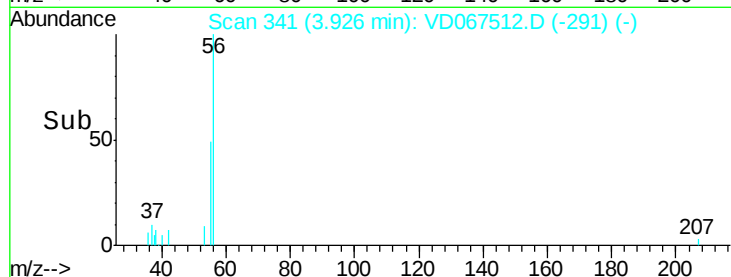
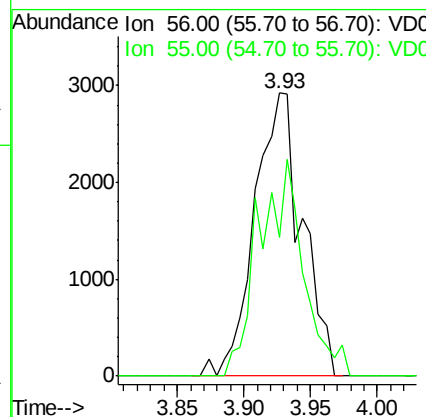
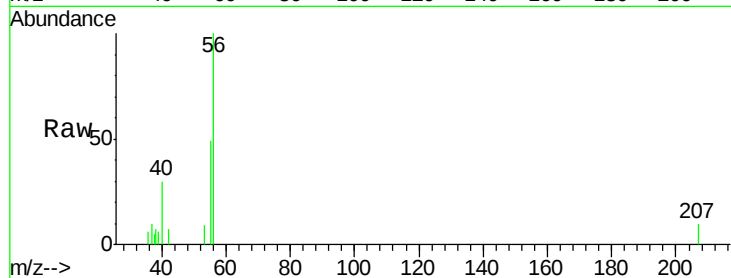




#13
Acrolein
Concen: 78.493 ug/l
RT: 3.93 min Scan# 341
Delta R.T. -0.01 min
Lab File: VD067512.D
Acq: 04 Nov 2020 11:31

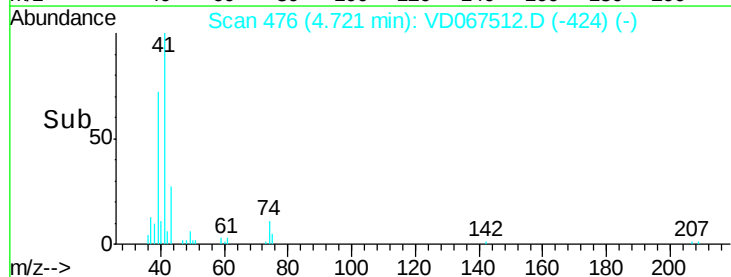
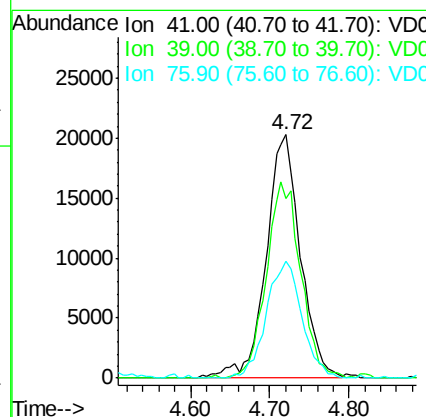
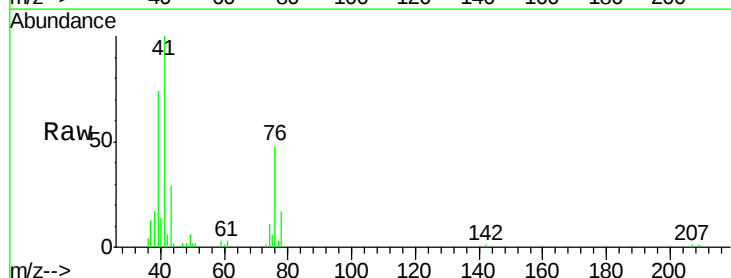
Instrument :
MSVOA_D
ClientSampleId :
VD1104SBSD01

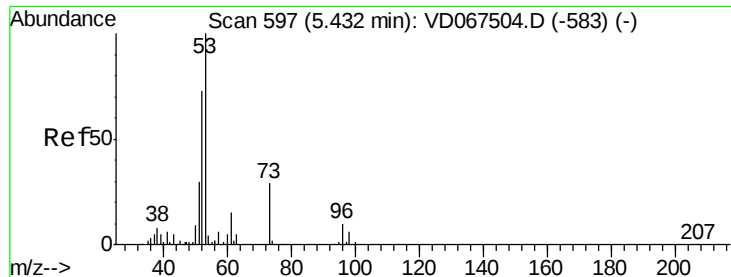
Tot Ion: 56 Resp: 7208
Ion Ratio Lower Upper
56 100
55 71.9 55.8 83.8



#14
Allyl chloride
Concen: 20.851 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD067512.D
Acq: 04 Nov 2020 11:31

Tgt Ion: 41 Resp: 61168
Ion Ratio Lower Upper
41 100
39 80.8 67.4 101.0
76 49.6 42.2 63.2





#15

Acrylonitrile

Concen: 102.293 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD067512.D

Acq: 04 Nov 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

VD1104SBS01

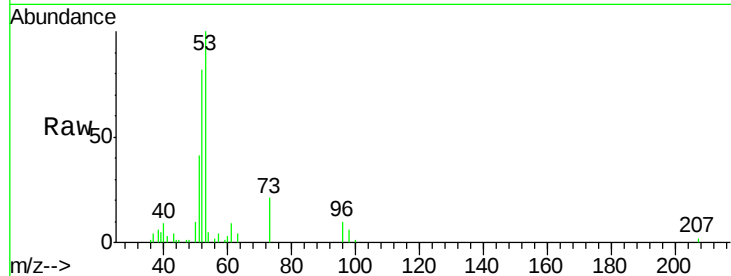
Tot Ion: 53 Resp: 44981

Ion Ratio Lower Upper

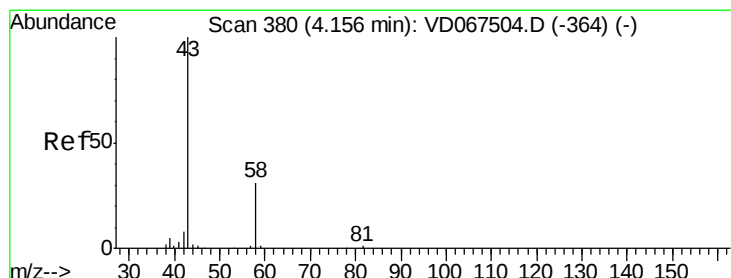
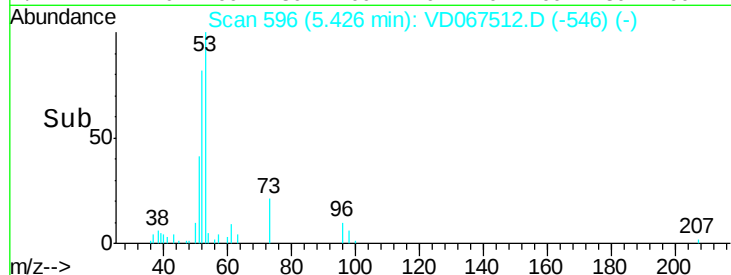
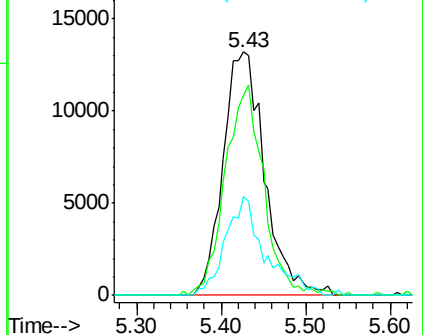
53 100

52 79.8 64.8 97.2

51 38.7 29.5 44.3



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



#16

Acetone

Concen: 98.595 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067512.D

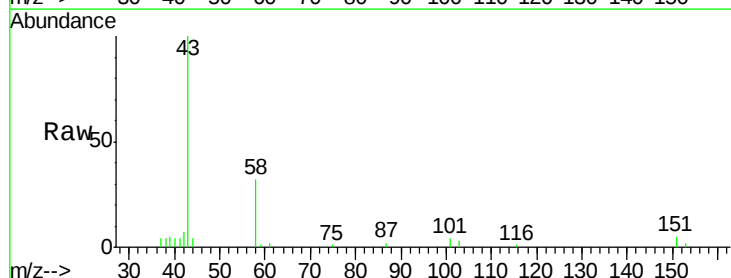
Acq: 04 Nov 2020 11:31

Tgt Ion: 43 Resp: 42367

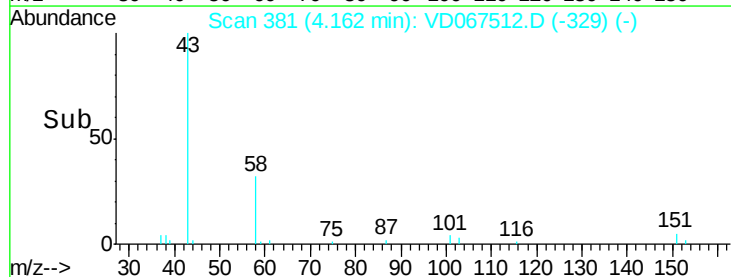
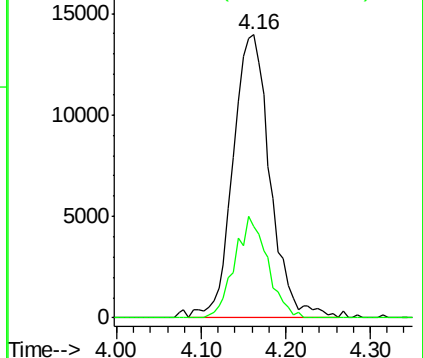
Ion Ratio Lower Upper

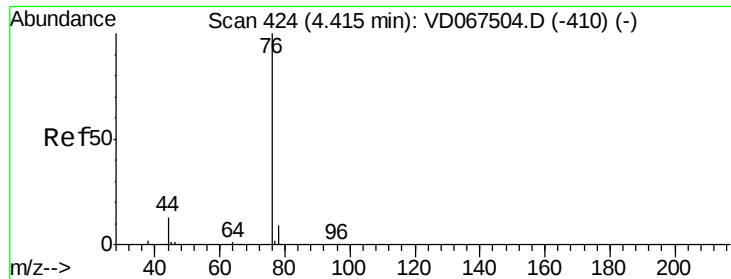
43 100

58 32.3 25.2 37.8



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

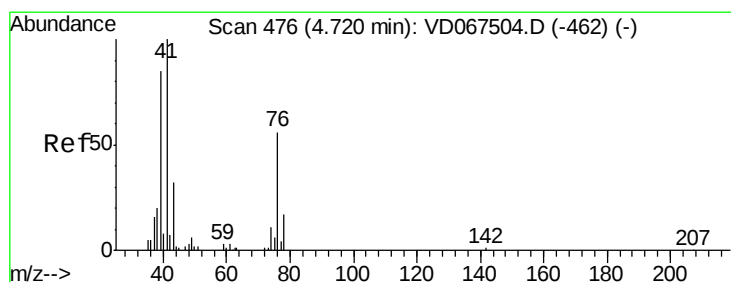
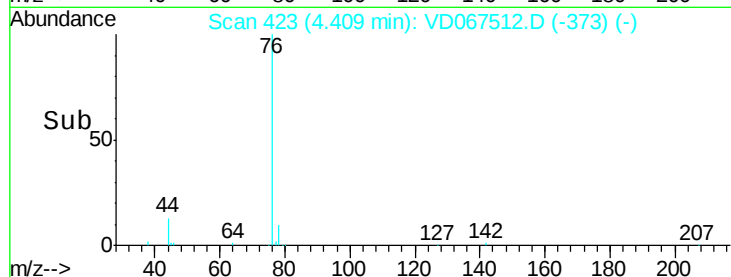
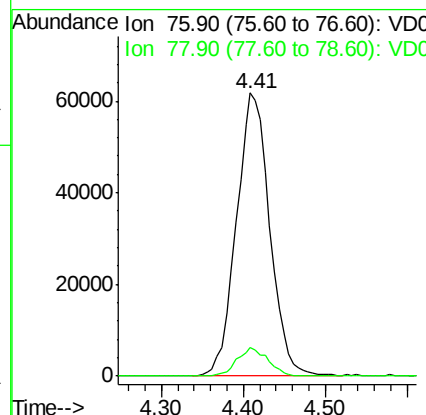
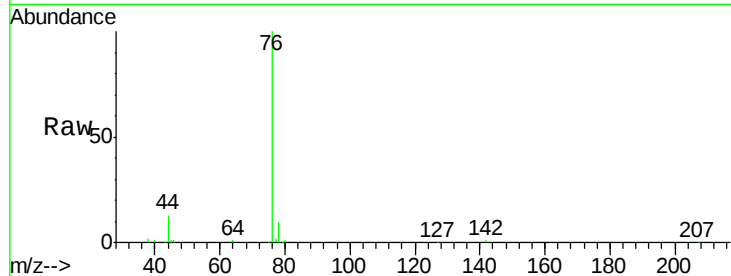




#17
Carbon Disulfide
Concen: 20.883 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.01 min
Lab File: VD067512.D
Acq: 04 Nov 2020 11:31

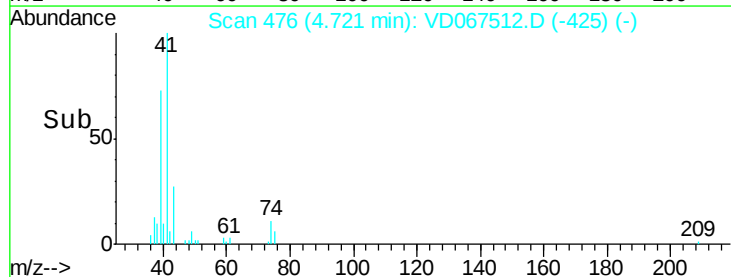
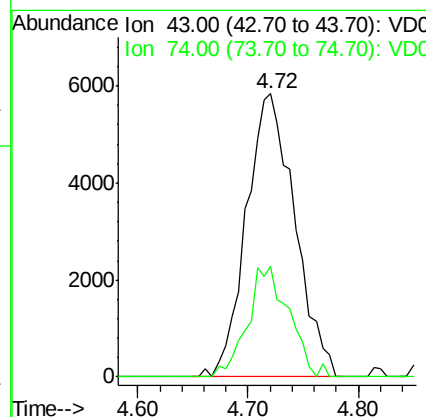
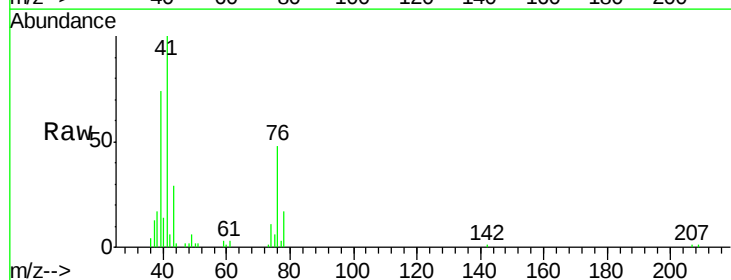
Instrument :
MSVOA_D
ClientSampleId :
VD1104SBSD01

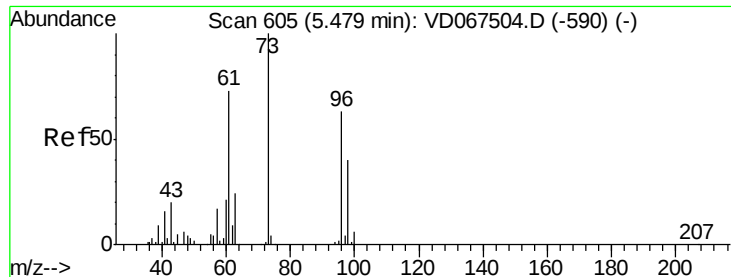
Tot Ion: 76 Resp: 175399
Ion Ratio Lower Upper
76 100
78 10.4 7.2 10.8



#18
Methyl Acetate
Concen: 20.179 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD067512.D
Acq: 04 Nov 2020 11:31

Tgt Ion: 43 Resp: 17918
Ion Ratio Lower Upper
43 100
74 33.0 27.2 40.8



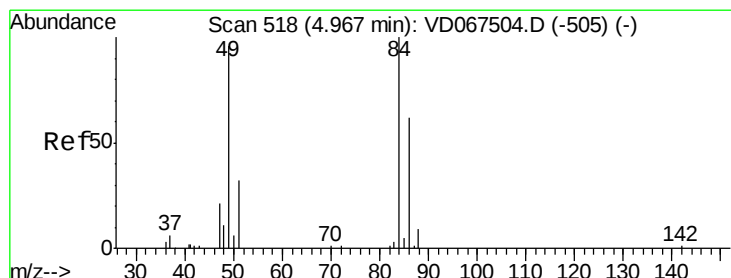
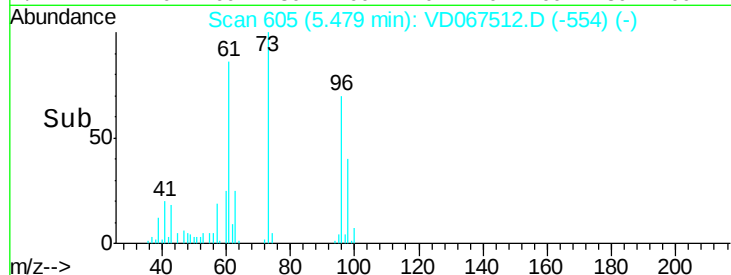
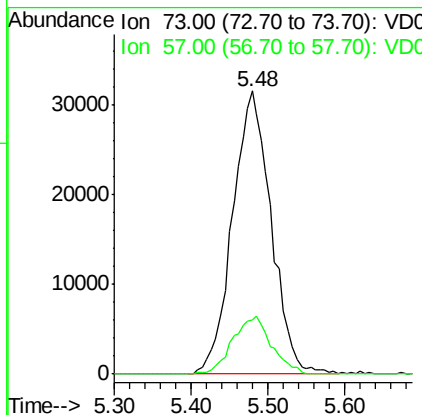
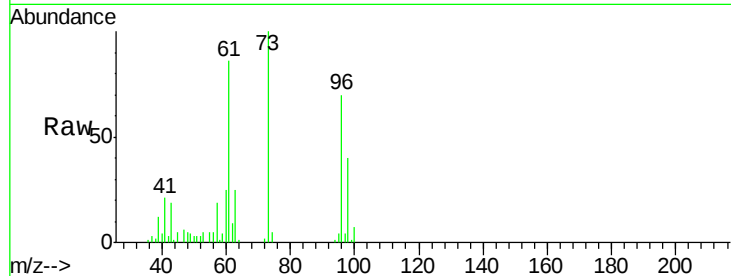


#19

Methyl tert-butyl Ether
 Concen: 20.385 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VD067512.D
 Acq: 04 Nov 2020 11:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1104SBS01

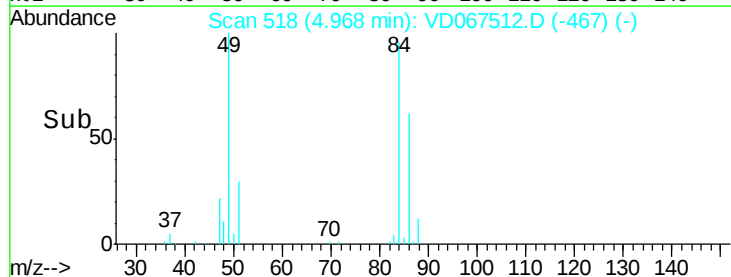
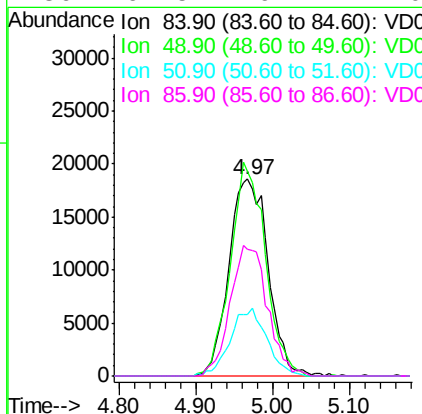
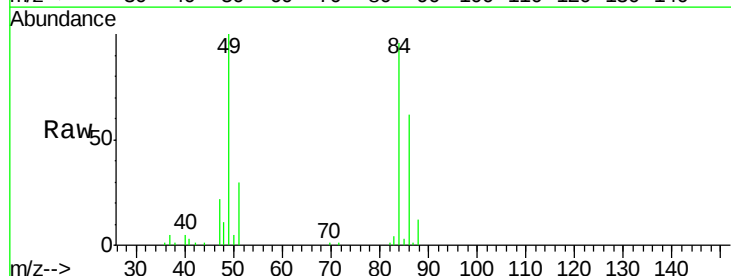
Tot Ion: 73 Resp: 110215
 Ion Ratio Lower Upper
 73 100
 57 19.2 13.4 20.0

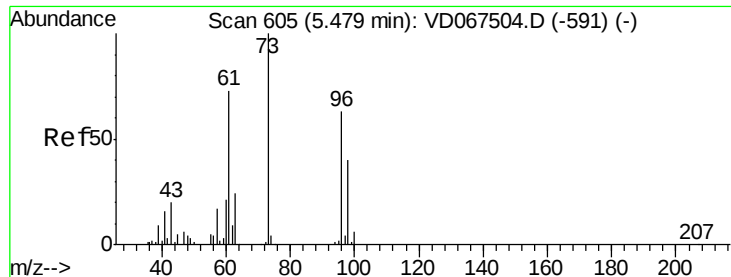


#20

Methylene Chloride
 Concen: 21.765 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: VD067512.D
 Acq: 04 Nov 2020 11:31

Tgt Ion: 84 Resp: 66064
 Ion Ratio Lower Upper
 84 100
 49 103.9 77.0 115.4
 51 31.3 25.4 38.2
 86 64.5 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 20.863 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.00 min

Lab File: VD067512.D

Acq: 04 Nov 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

VD1104SBSD01

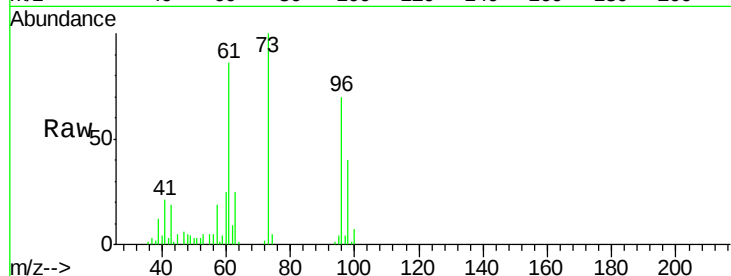
Tot Ion: 96 Resp: 66605

Ion Ratio Lower Upper

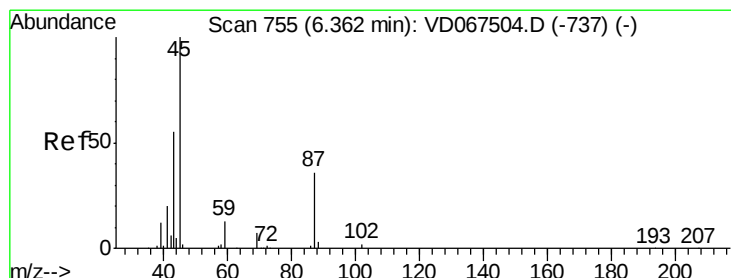
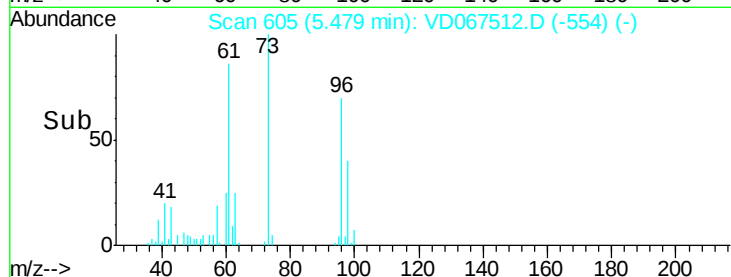
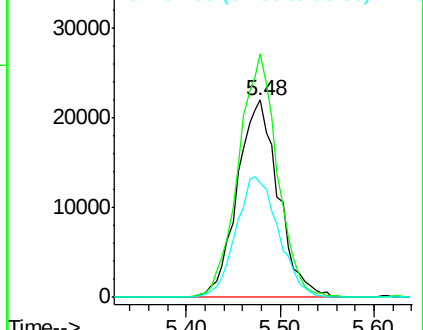
96 100

61 123.4 93.0 139.6

98 57.9 50.9 76.3



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



#22

Diisopropyl ether

Concen: 21.820 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067512.D

Acq: 04 Nov 2020 11:31

Tgt Ion: 45 Resp: 124737

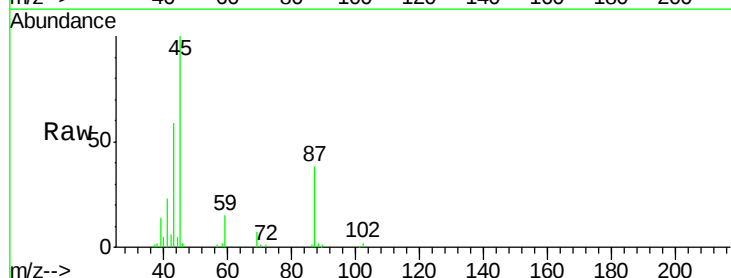
Ion Ratio Lower Upper

45 100

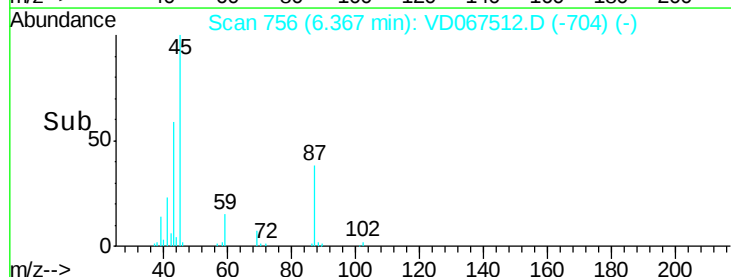
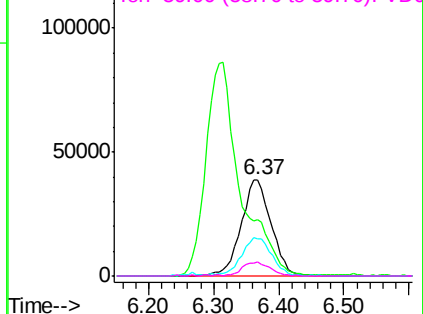
43 56.8 46.2 69.4

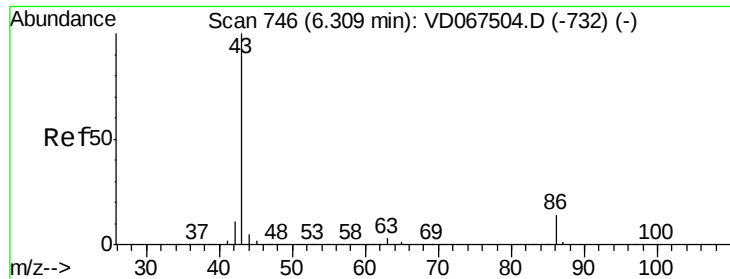
87 38.3 29.4 44.2

59 15.1 10.8 16.2



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 105.960 ug/l

RT: 6.31 min Scan# 747

Delta R.T. 0.01 min

Lab File: VD067512.D

Acq: 04 Nov 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

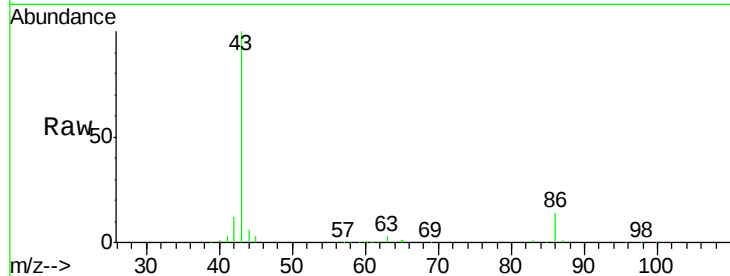
VD1104SBSD01

Tot Ion: 43 Resp: 317078

Ion Ratio Lower Upper

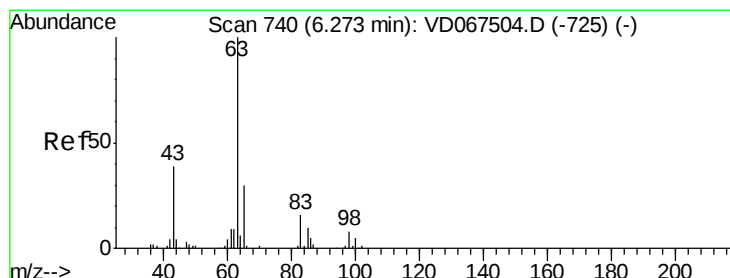
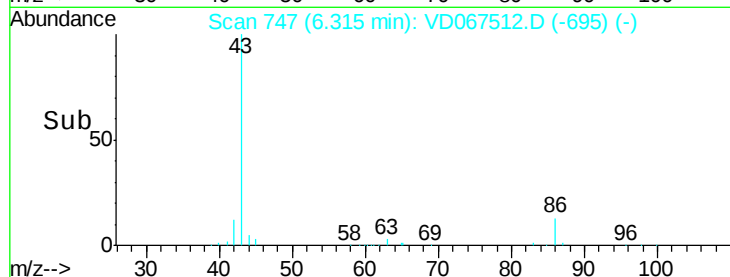
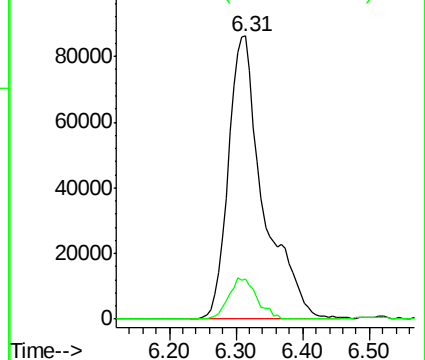
43 100

86 14.0 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: 20.291 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD067512.D

Acq: 04 Nov 2020 11:31

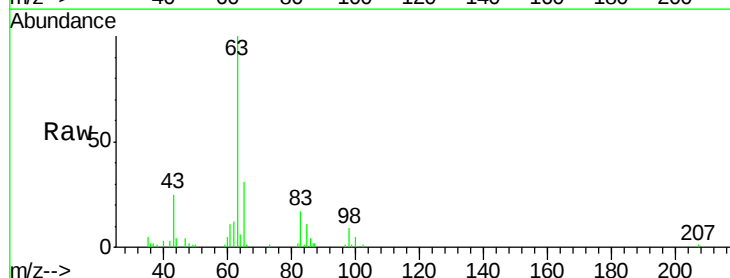
Tgt Ion: 63 Resp: 94897

Ion Ratio Lower Upper

63 100

98 9.0 3.9 11.5

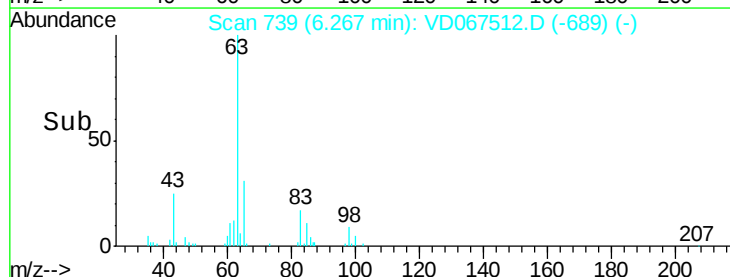
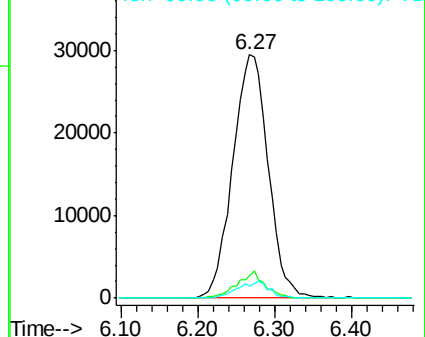
100 4.9 2.6 7.8

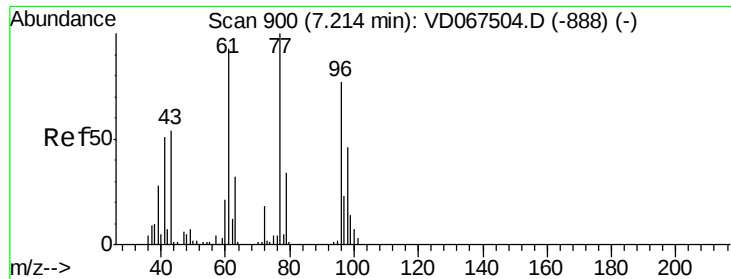


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 106.881 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067512.D

Acq: 04 Nov 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

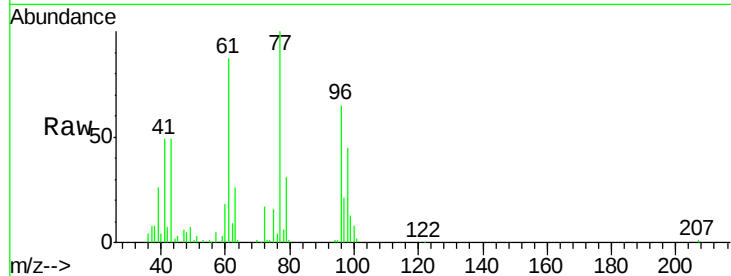
VD1104SBSD01

Tot Ion: 43 Resp: 49075

Ion Ratio Lower Upper

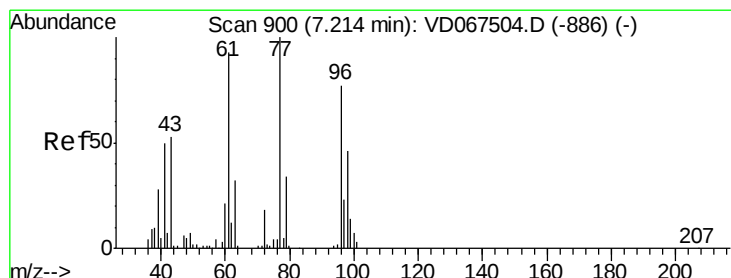
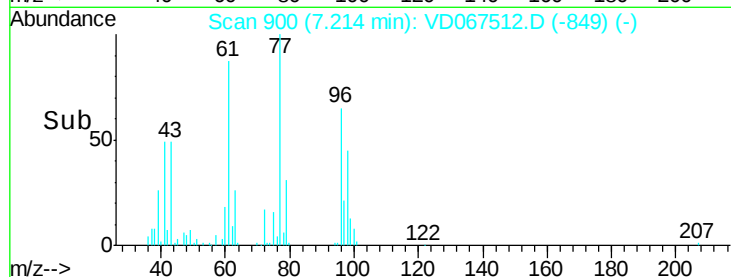
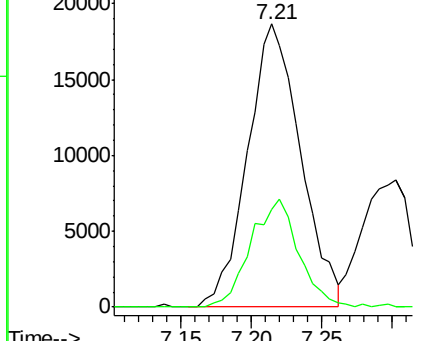
43 100

72 34.4 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 21.388 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067512.D

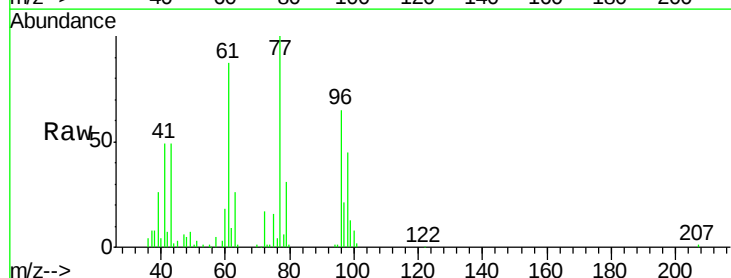
Acq: 04 Nov 2020 11:31

Tgt Ion: 77 Resp: 105568

Ion Ratio Lower Upper

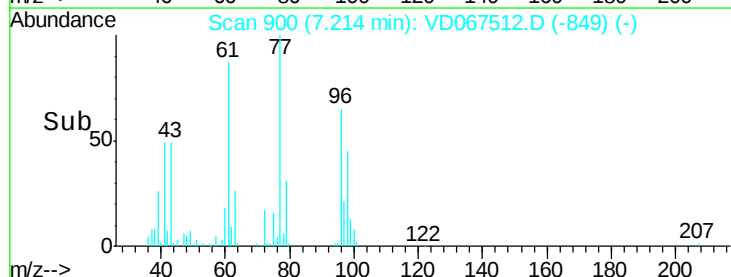
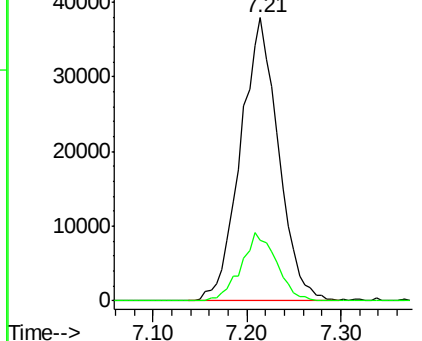
77 100

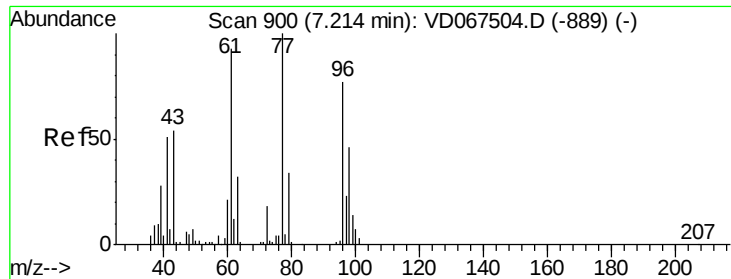
97 22.4 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

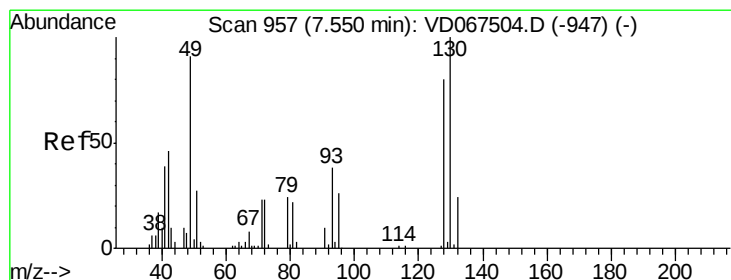
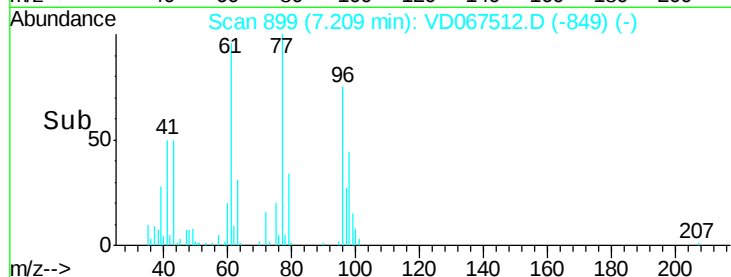
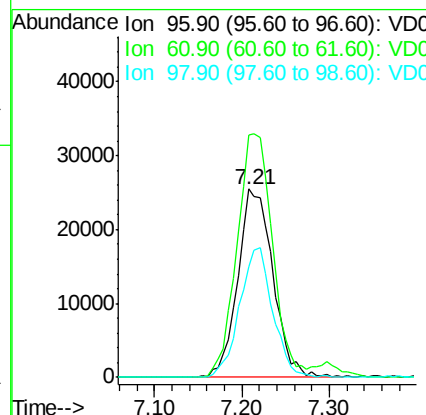
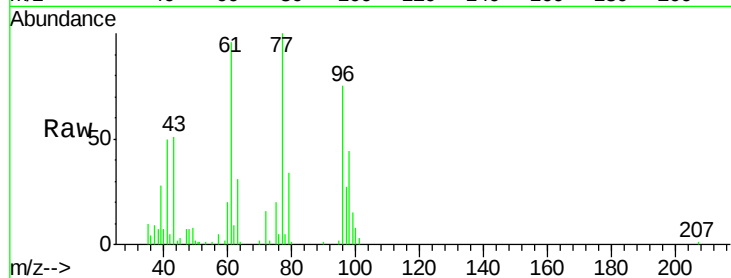




#27
 cis-1,2-Dichloroethene
 Concen: 20.892 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD067512.D
 Acq: 04 Nov 2020 11:31

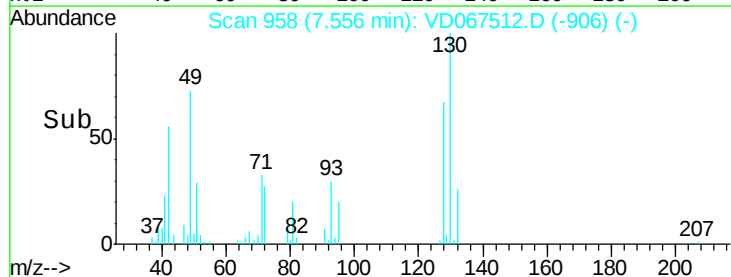
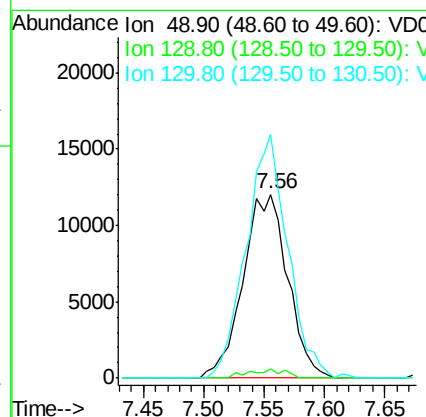
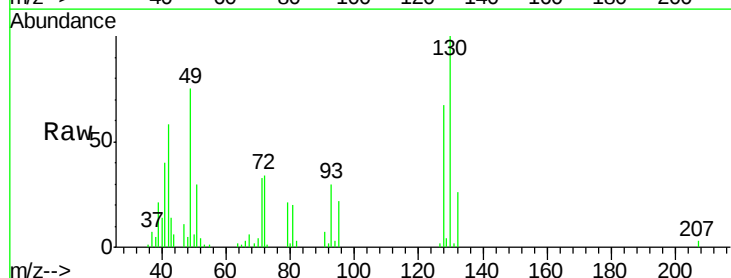
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1104SBSD01

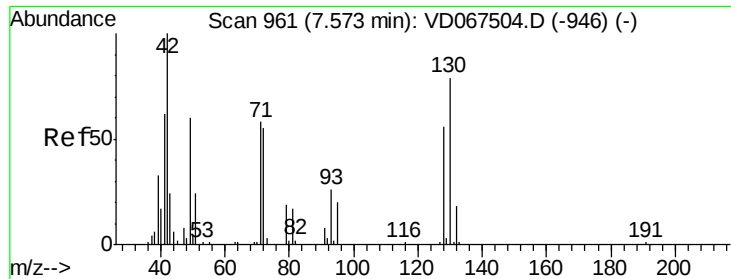
Tot Ion: 96 Resp: 69232
 Ion Ratio Lower Upper
 96 100
 61 130.8 0.0 251.6
 98 64.5 0.0 128.0



#28
 Bromochloromethane
 Concen: 18.718 ug/l
 RT: 7.56 min Scan# 958
 Delta R.T. 0.01 min
 Lab File: VD067512.D
 Acq: 04 Nov 2020 11:31

Tgt Ion: 49 Resp: 31138
 Ion Ratio Lower Upper
 49 100
 129 3.9 0.0 6.4
 130 123.0 94.6 142.0

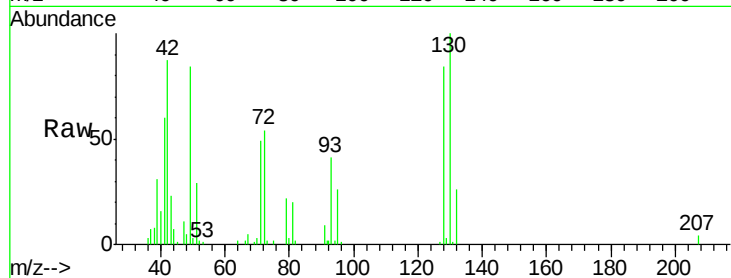




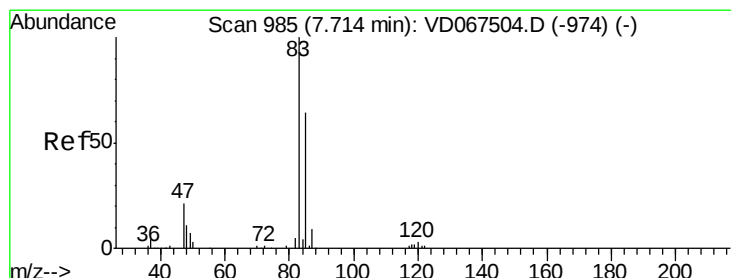
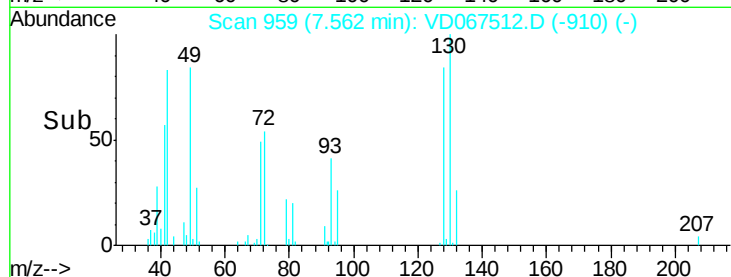
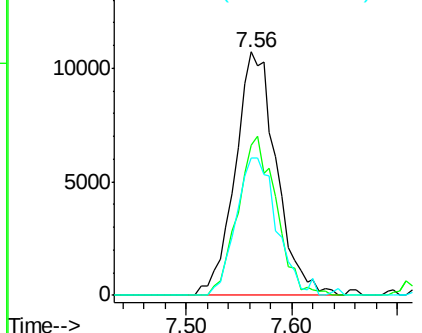
#29
Tetrahydrofuran
Concen: 105.499 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD067512.D
Acq: 04 Nov 2020 11:31

Instrument :
MSVOA_D
ClientSampleId :
VD1104SBS01

Tot Ion: 42 Resp: 29016
Ion Ratio Lower Upper
42 100
72 60.5 46.3 69.5
71 55.2 44.0 66.0

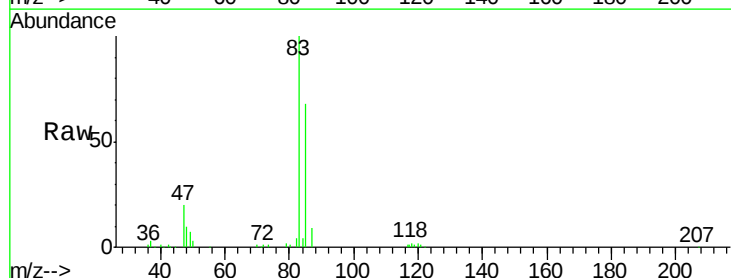


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

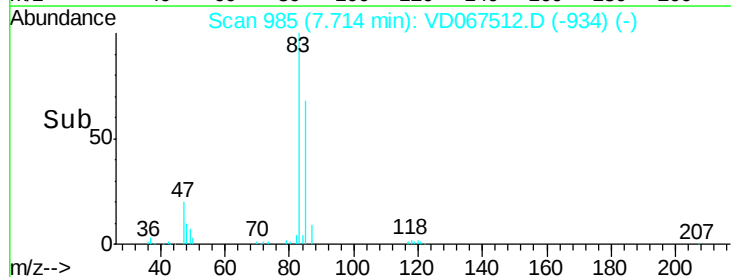
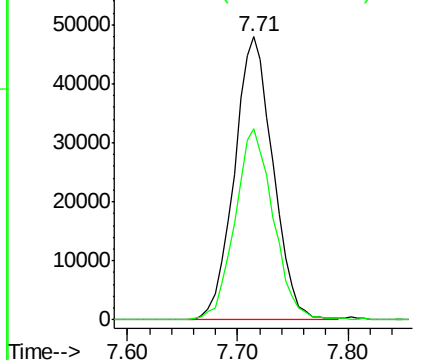


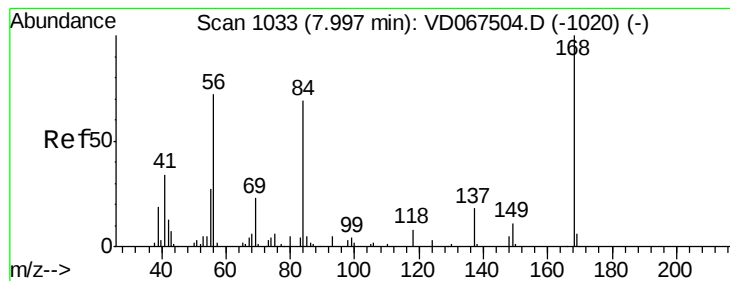
#30
Chloroform
Concen: 21.097 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD067512.D
Acq: 04 Nov 2020 11:31

Tgt Ion: 83 Resp: 117707
Ion Ratio Lower Upper
83 100
85 67.5 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: 20.670 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. -0.01 min

Lab File: VD067512.D

Acq: 04 Nov 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

VD1104SBSD01

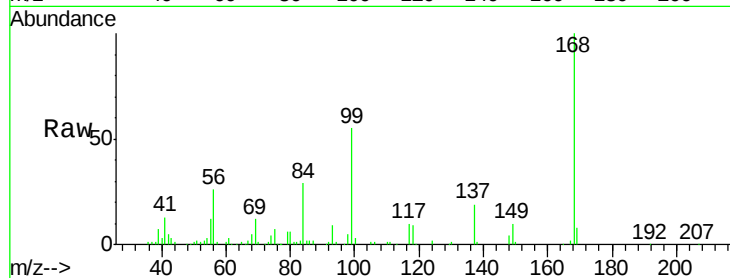
Tot Ion: 56 Resp: 86085

Ion Ratio Lower Upper

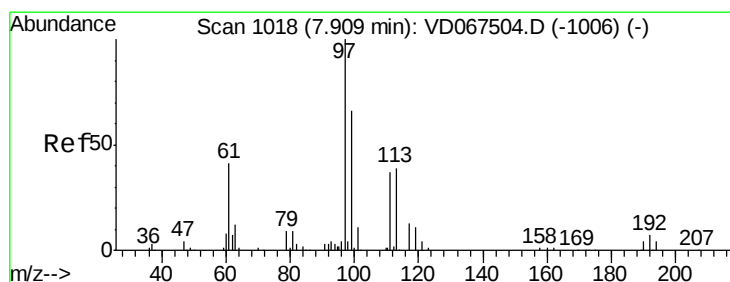
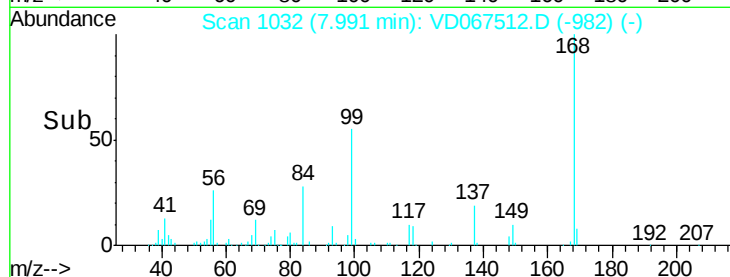
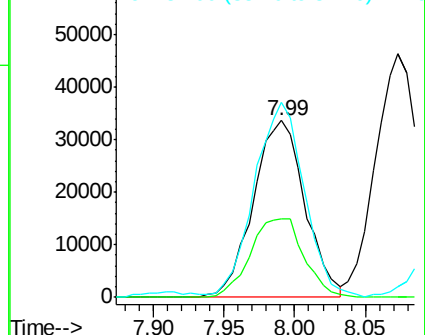
56 100

69 44.4 25.9 38.9#

84 108.4 76.2 114.4



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



#32

1,1,1-Trichloroethane

Concen: 20.852 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD067512.D

Acq: 04 Nov 2020 11:31

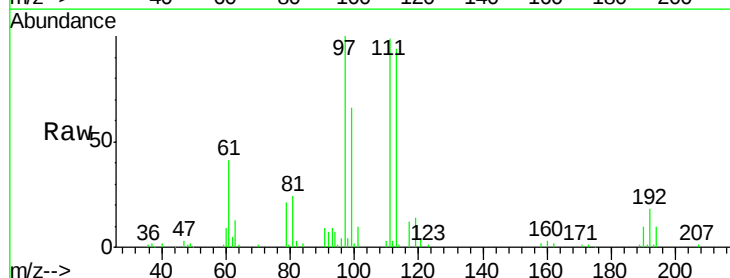
Tgt Ion: 97 Resp: 120042

Ion Ratio Lower Upper

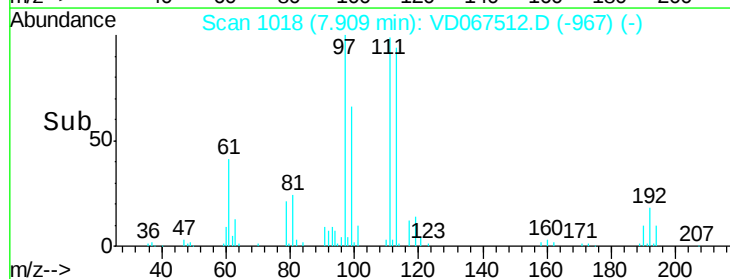
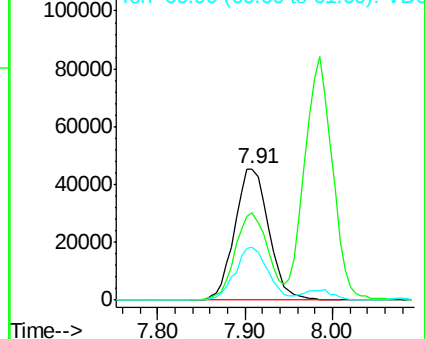
97 100

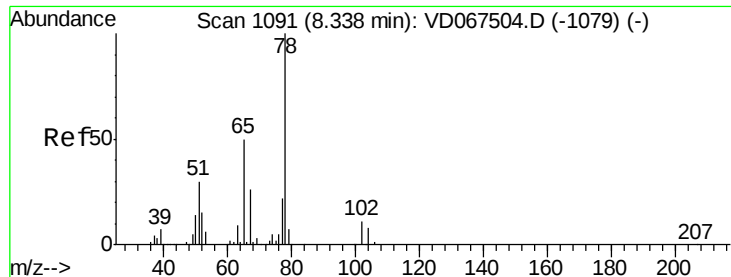
99 63.8 51.8 77.6

61 38.5 30.5 45.7



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

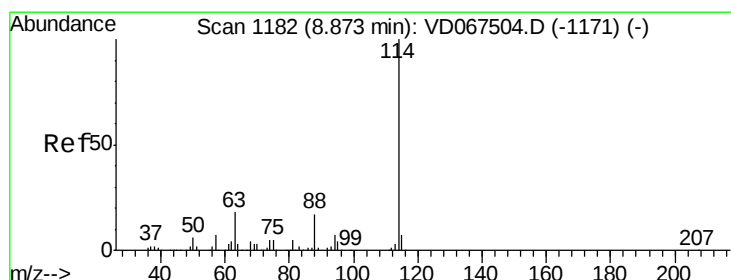
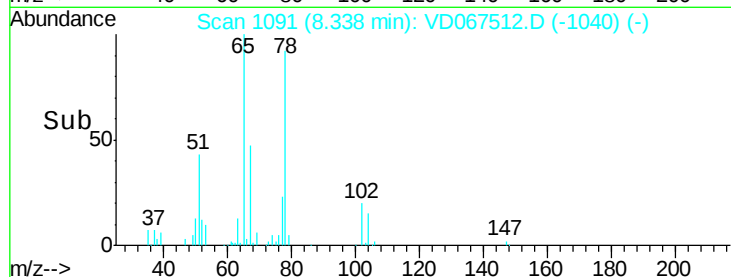
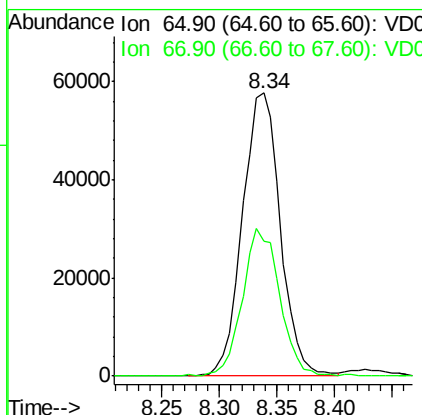
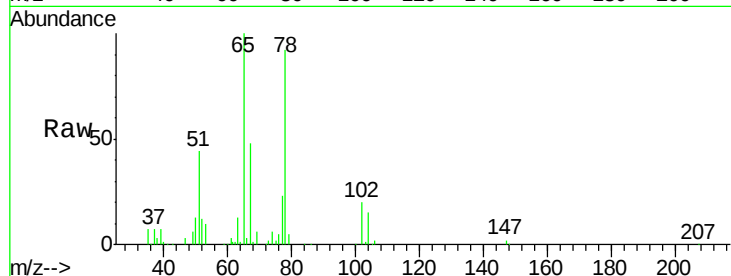




#33
 1,2-Dichloroethane-d4
 Concen: 45.800 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD067512.D
 Acq: 04 Nov 2020 11:31

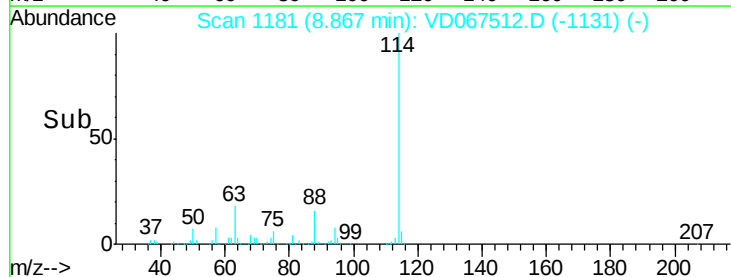
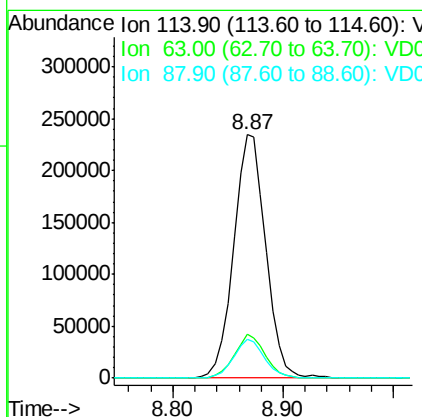
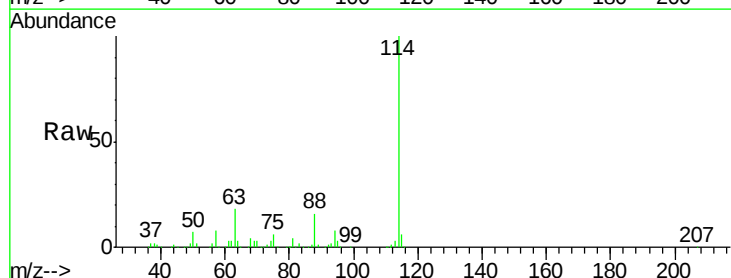
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1104SBSD01

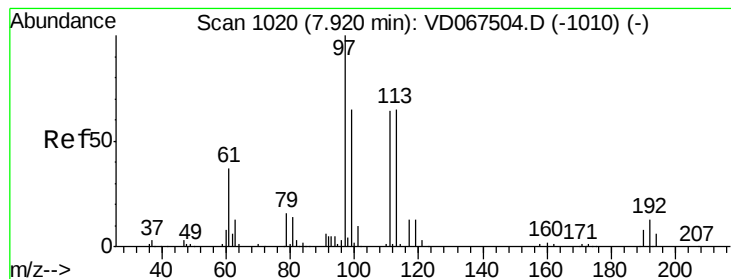
Tot Ion: 65 Resp: 131515
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067512.D
 Acq: 04 Nov 2020 11:31

Tgt Ion: 114 Resp: 477390
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 35.0
 88 15.8 0.0 33.0





#35

Dibromofluoromethane

Concen: 46.783 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD067512.D

Acq: 04 Nov 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

VD1104SBS01

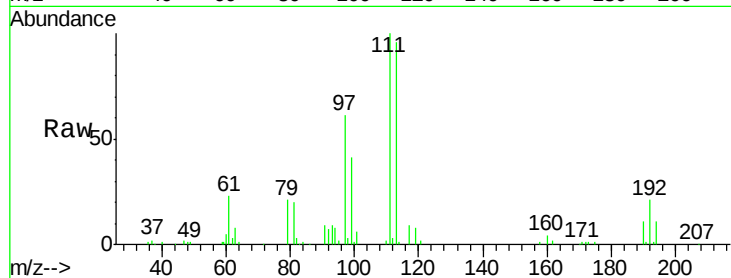
Tot Ion:113 Resp: 134559

Ion Ratio Lower Upper

113 100

111 103.2 80.0 120.0

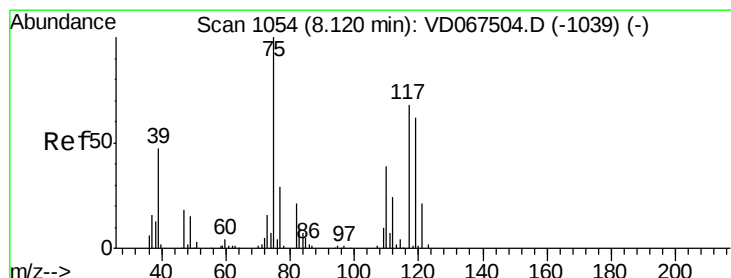
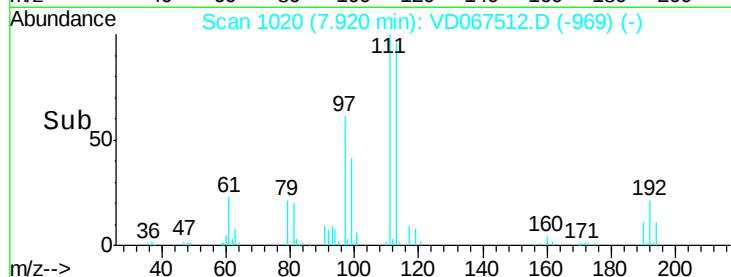
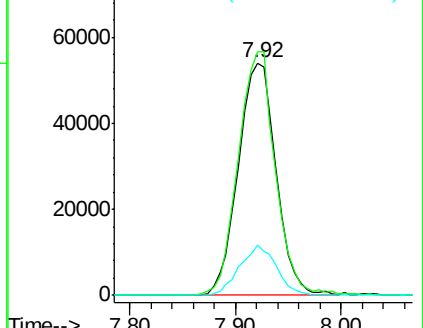
192 21.0 16.3 24.5



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: 21.657 ug/l

RT: 8.12 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VD067512.D

Acq: 04 Nov 2020 11:31

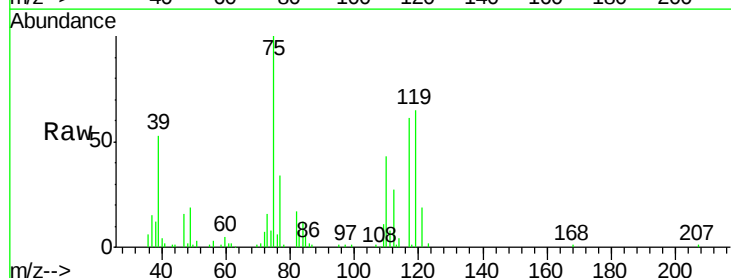
Tgt Ion: 75 Resp: 88499

Ion Ratio Lower Upper

75 100

110 38.5 19.9 59.7

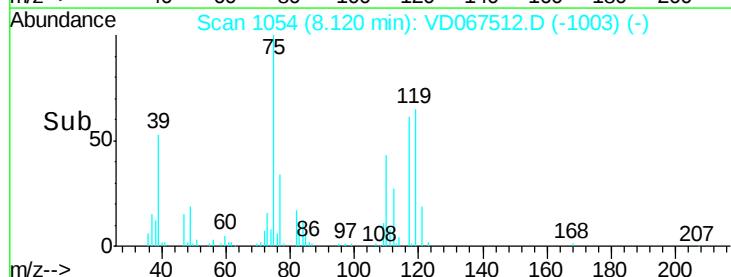
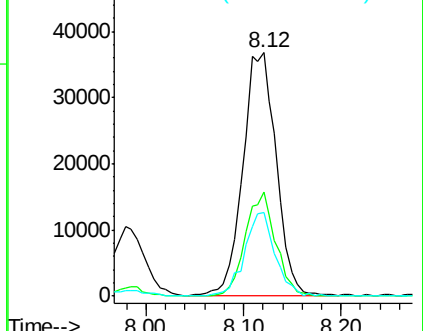
77 31.4 24.8 37.2

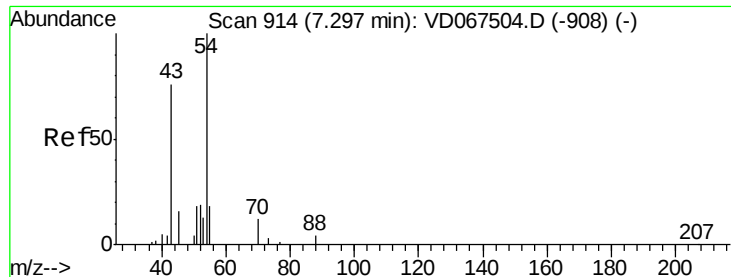


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

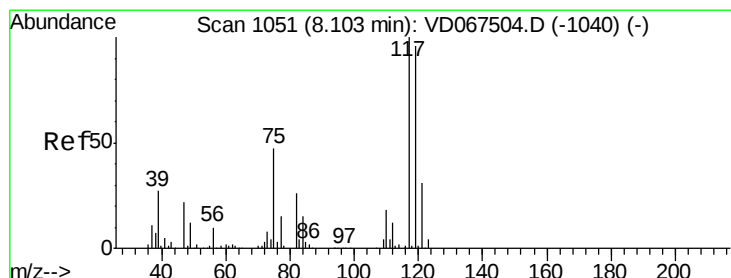
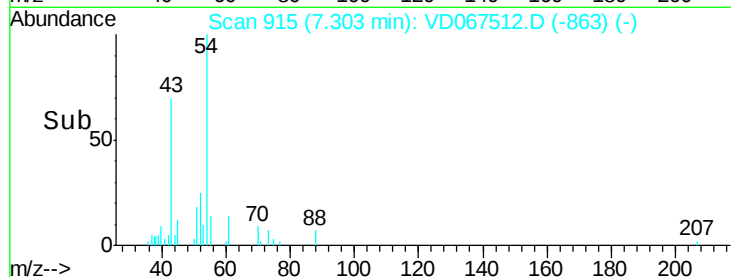
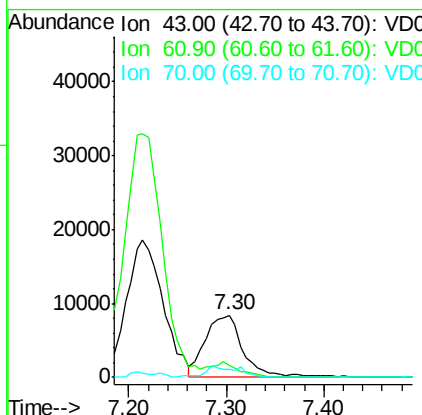
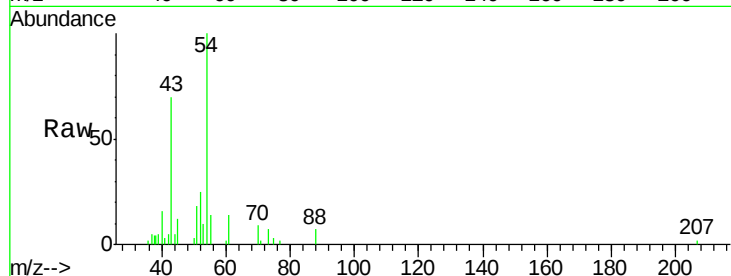




#37
Ethyl Acetate
Concen: 21.393 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.01 min
Lab File: VD067512.D
Acq: 04 Nov 2020 11:31

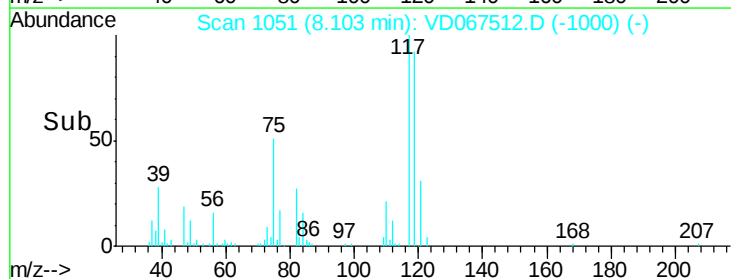
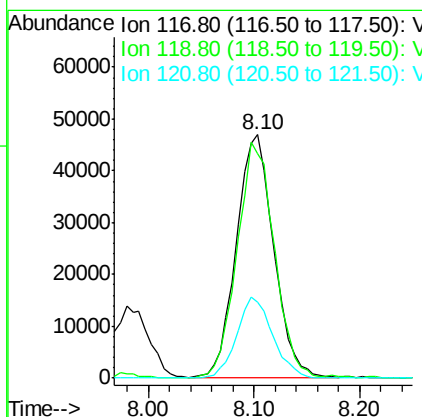
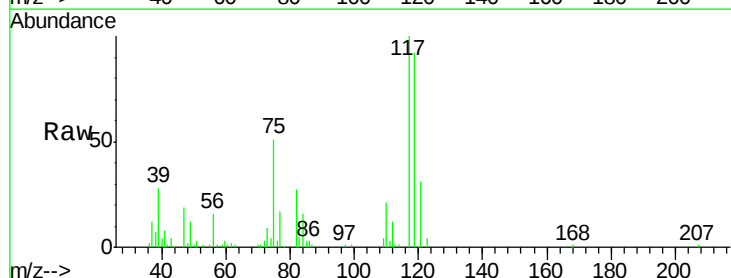
Instrument :
MSVOA_D
ClientSampleId :
VD1104SBSD01

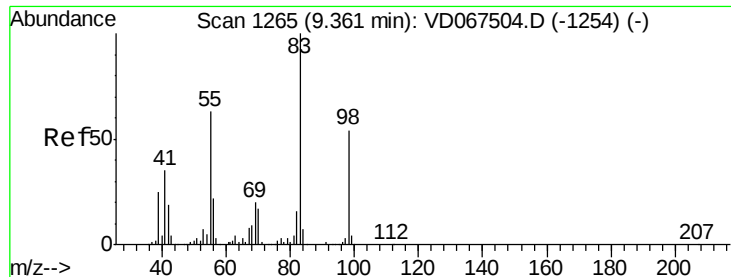
Tot Ion: 43 Resp: 22696
Ion Ratio Lower Upper
43 100
61 16.9 12.8 19.2
70 16.0 11.7 17.5



#38
Carbon Tetrachloride
Concen: 21.658 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VD067512.D
Acq: 04 Nov 2020 11:31

Tgt Ion: 117 Resp: 114988
Ion Ratio Lower Upper
117 100
119 92.3 76.9 115.3
121 31.1 24.5 36.7

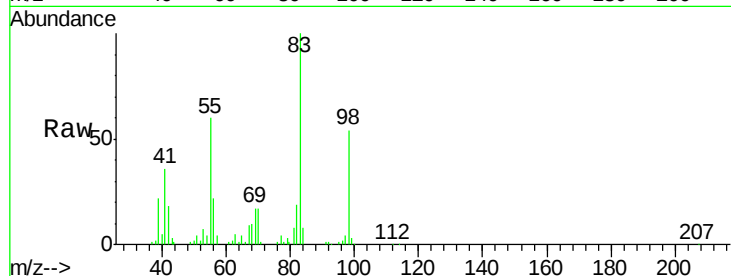




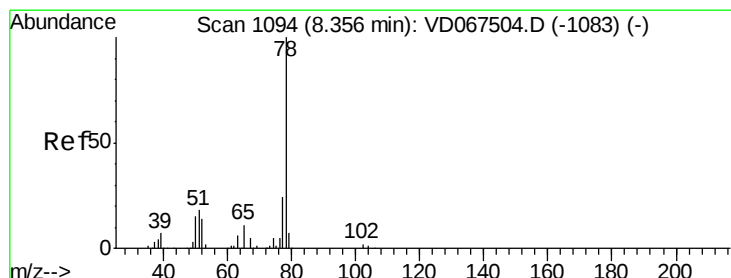
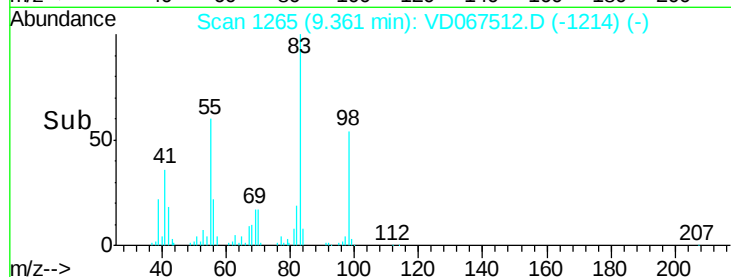
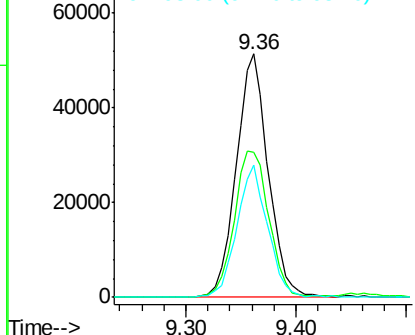
#39
Methvlcvclohexane
Concen: 21.744 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VD067512.D
Acq: 04 Nov 2020 11:31

Instrument :
MSVOA_D
ClientSampleId :
VD1104SBSD01

Tot Ion: 83 Resp: 104577
Ion Ratio Lower Upper
83 100
55 59.5 50.5 75.7
98 54.2 43.4 65.0

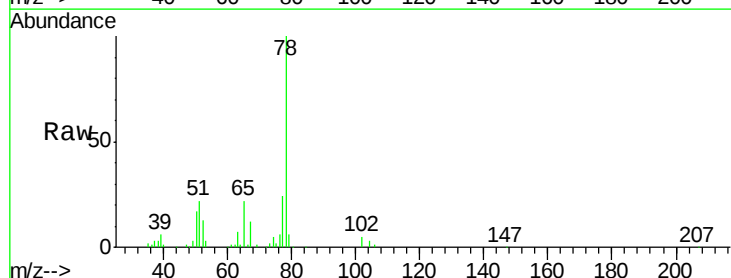


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

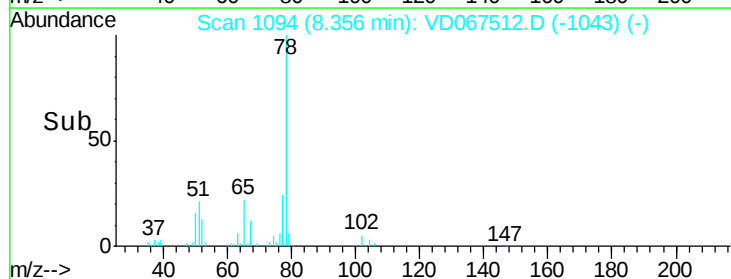
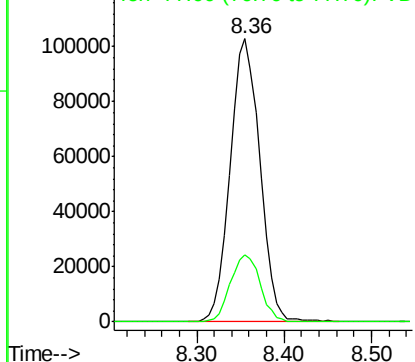


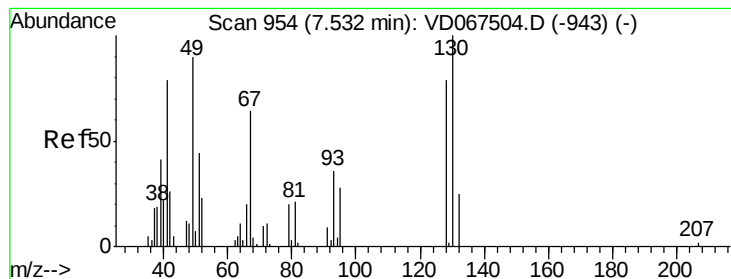
#40
Benzene
Concen: 21.474 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD067512.D
Acq: 04 Nov 2020 11:31

Tgt Ion: 78 Resp: 237701
Ion Ratio Lower Upper
78 100
77 23.7 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: 23.125 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD067512.D

Acq: 04 Nov 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

VD1104SBSD01

Tot Ion: 41 Resp: 14665

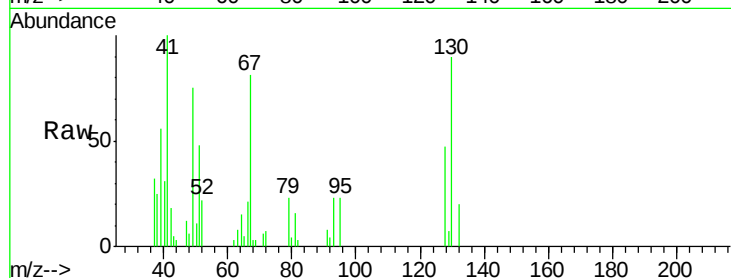
Ion Ratio Lower Upper

41 100

39 77.0 51.3 76.9#

67 82.6 78.9 118.3

52 18.3 31.4 47.2#

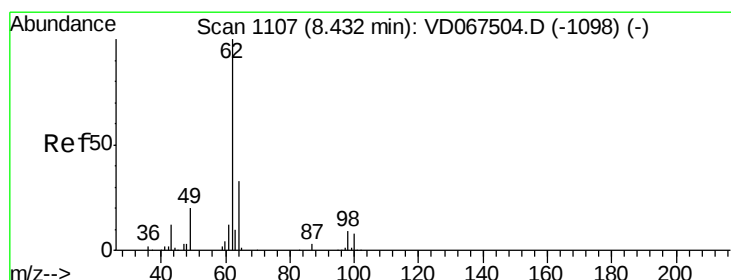
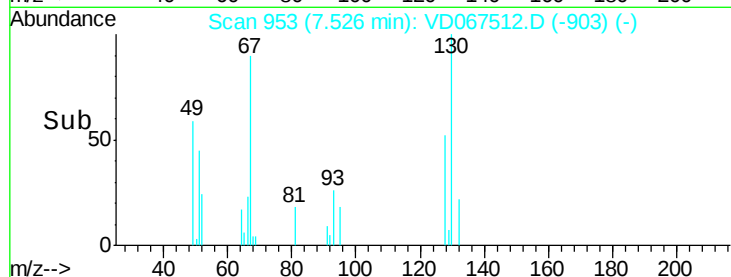
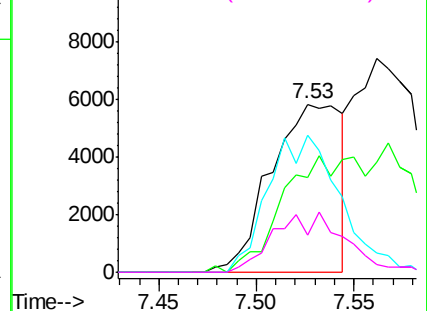


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 21.649 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VD067512.D

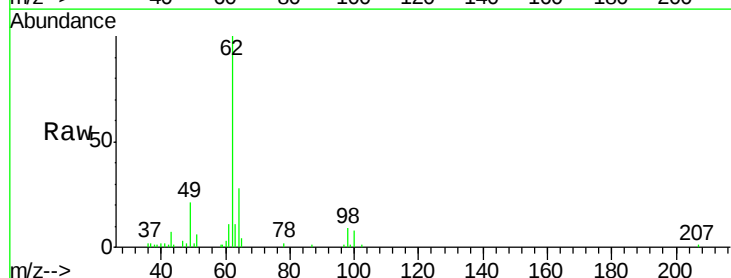
Acq: 04 Nov 2020 11:31

Tgt Ion: 62 Resp: 74040

Ion Ratio Lower Upper

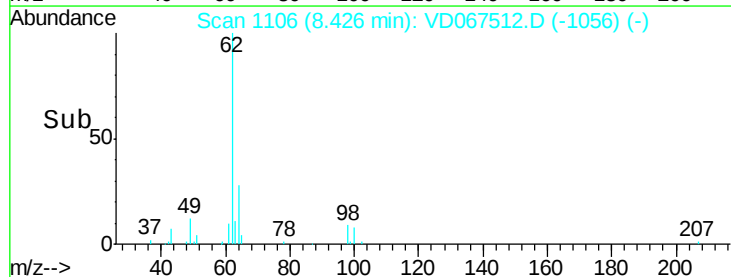
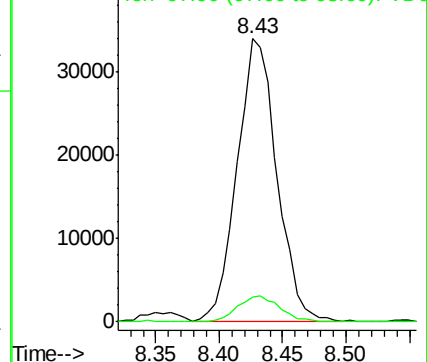
62 100

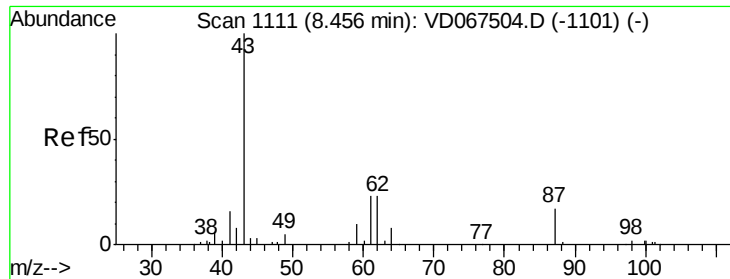
98 9.7 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 21.167 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067512.D

Acq: 04 Nov 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

VD1104SBSD01

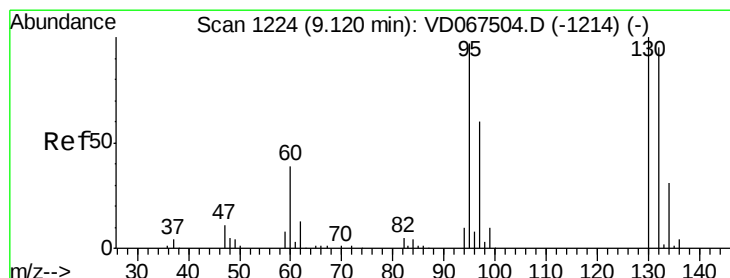
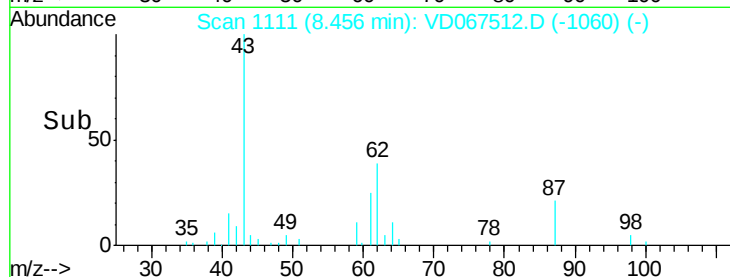
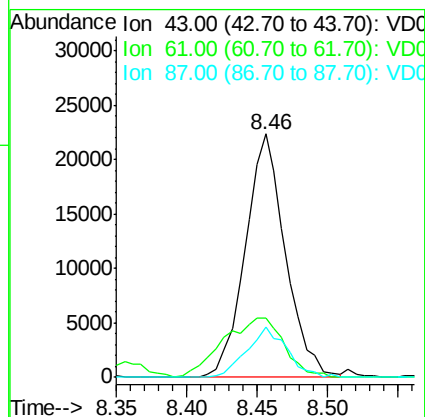
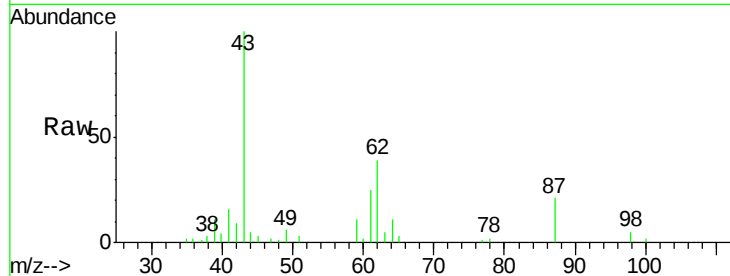
Tot Ion: 43 Resp: 44412

Ion Ratio Lower Upper

43 100

61 36.9 30.5 45.7

87 20.6 14.7 22.1



#44

Trichloroethene

Concen: 21.029 ug/l

RT: 9.12 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VD067512.D

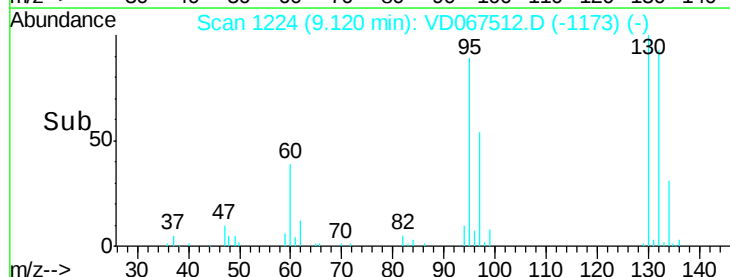
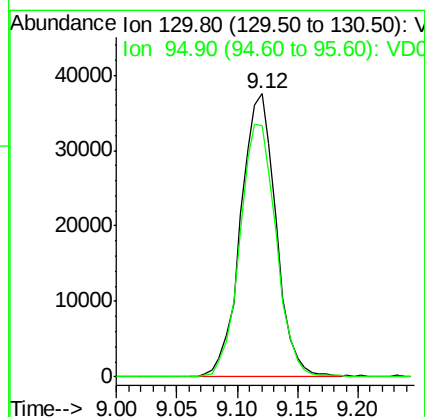
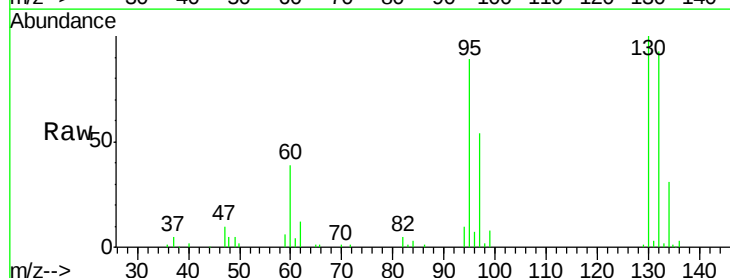
Acq: 04 Nov 2020 11:31

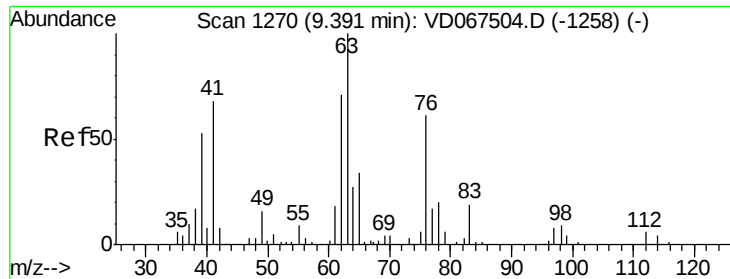
Tgt Ion: 130 Resp: 76537

Ion Ratio Lower Upper

130 100

95 89.0 0.0 194.4





#45

1,2-Dichloropropane

Concen: 21.412 ug/l

RT: 9.40 min Scan# 1271

Delta R.T. 0.01 min

Lab File: VD067512.D

Acq: 04 Nov 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

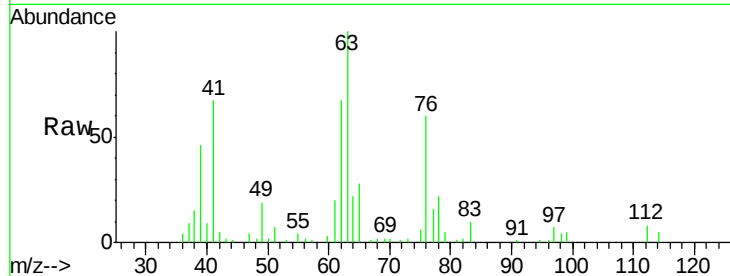
VD1104SBSD01

Tot Ion: 63 Resp: 51244

Ion Ratio Lower Upper

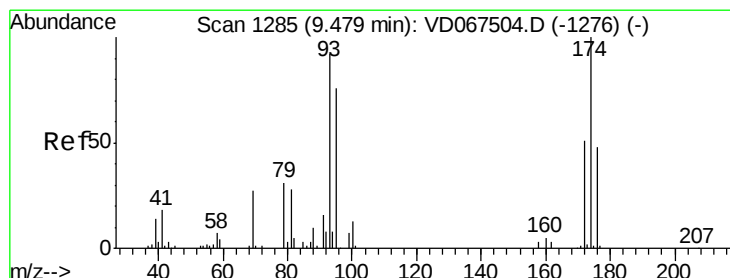
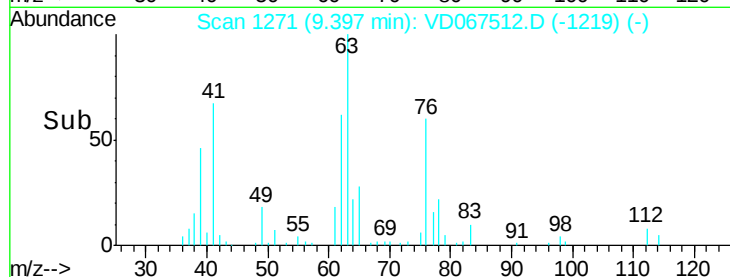
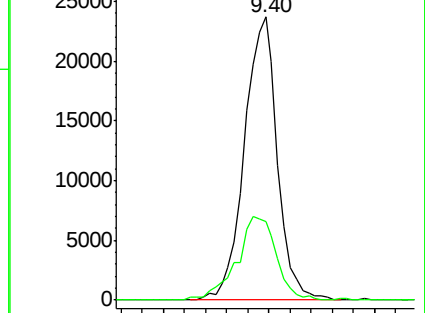
63 100

65 27.1 26.9 40.3



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 21.901 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067512.D

Acq: 04 Nov 2020 11:31

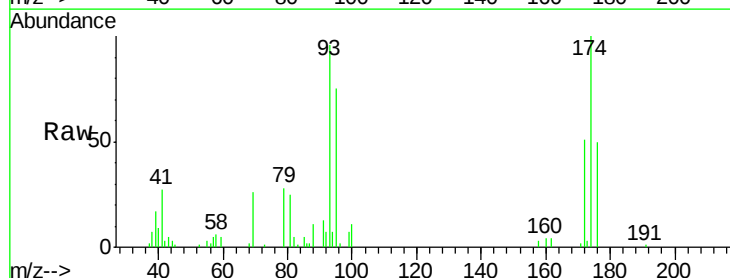
Tgt Ion: 93 Resp: 33326

Ion Ratio Lower Upper

93 100

95 80.2 66.4 99.6

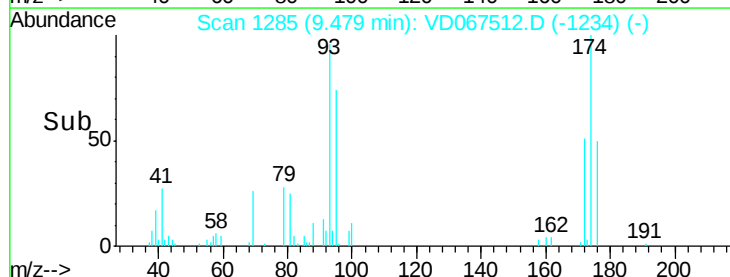
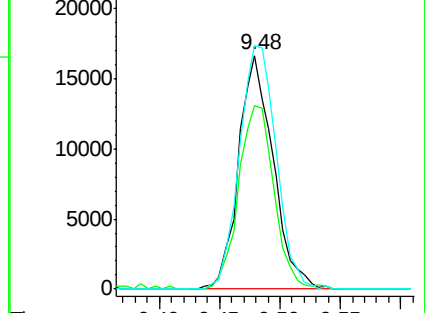
174 111.2 88.2 132.4

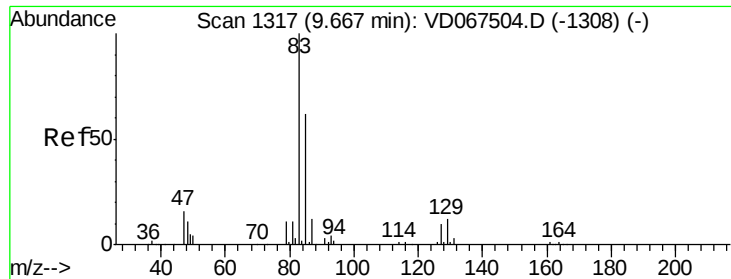


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): VDC

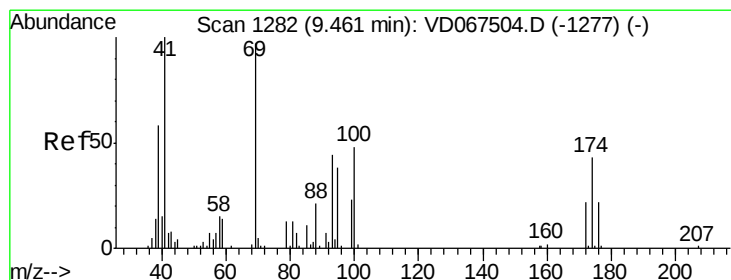
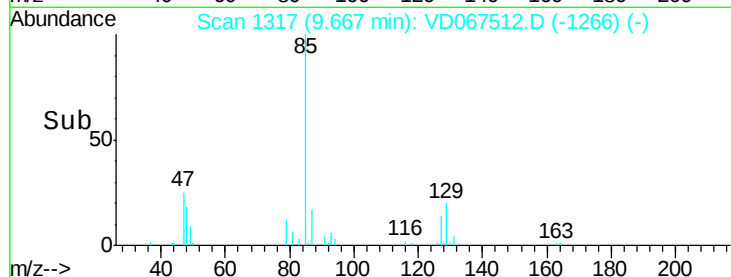
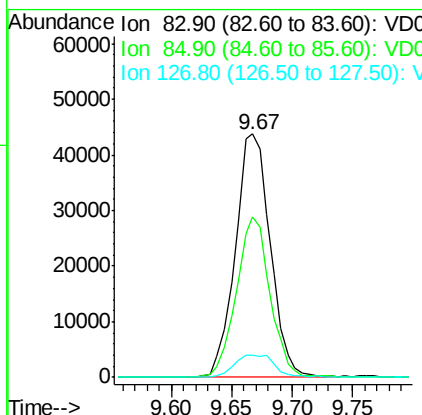
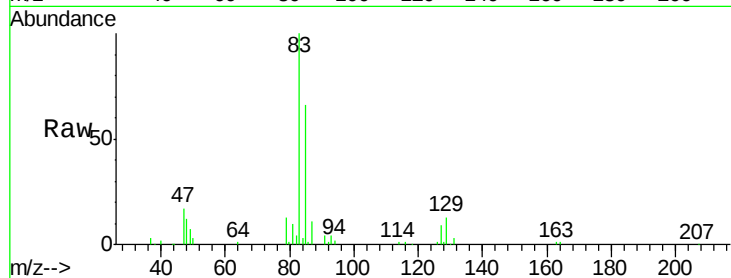




#47
Bromodichloromethane
Concen: 21.363 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD067512.D
Acq: 04 Nov 2020 11:31

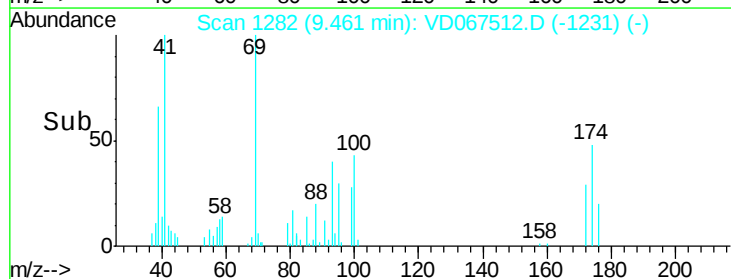
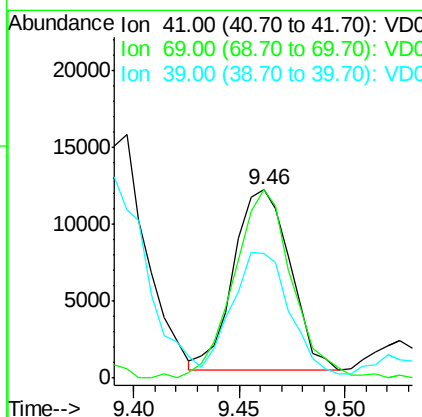
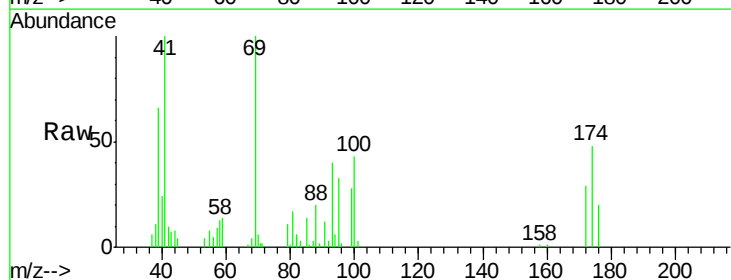
Instrument :
MSVOA_D
ClientSampleId :
VD1104SBSD01

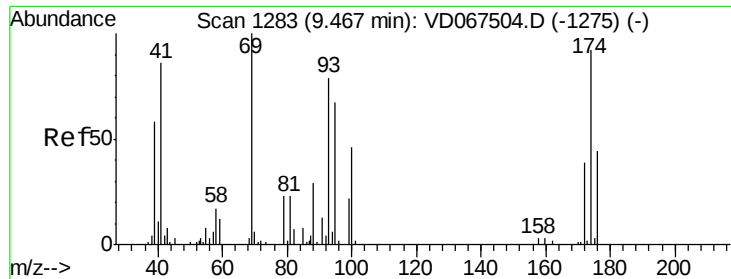
Tot Ion: 83 Resp: 88355
Ion Ratio Lower Upper
83 100
85 66.0 49.4 74.2
127 9.0 7.7 11.5



#48
Methyl methacrylate
Concen: 20.087 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD067512.D
Acq: 04 Nov 2020 11:31

Tgt Ion: 41 Resp: 21761
Ion Ratio Lower Upper
41 100
69 108.1 80.6 121.0
39 68.2 50.2 75.4

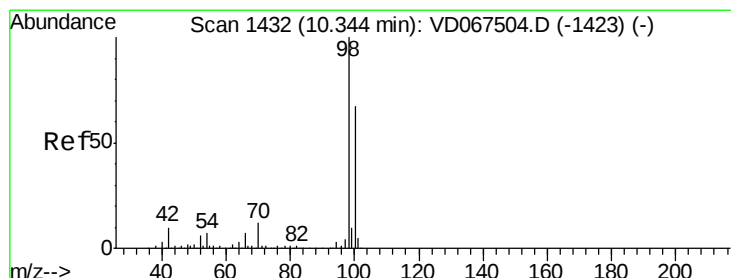
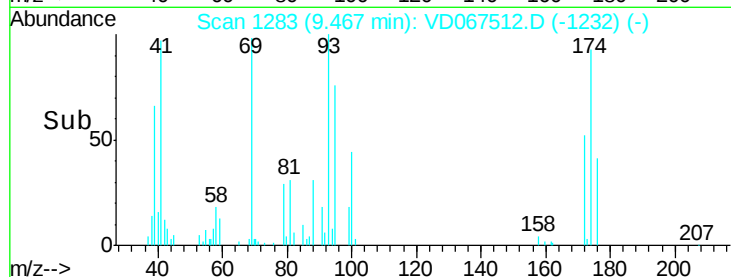
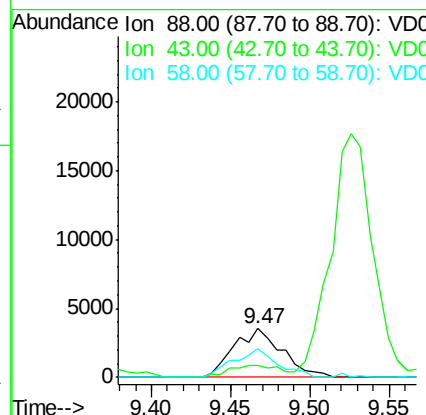
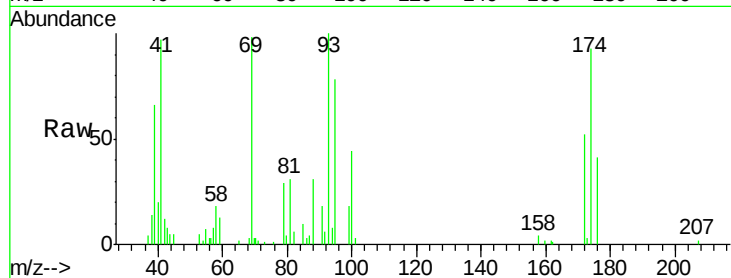




#49
1,4-Dioxane
Concen: 481.826 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VD067512.D
Acq: 04 Nov 2020 11:31

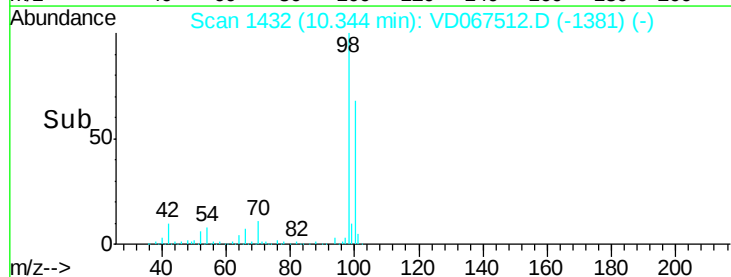
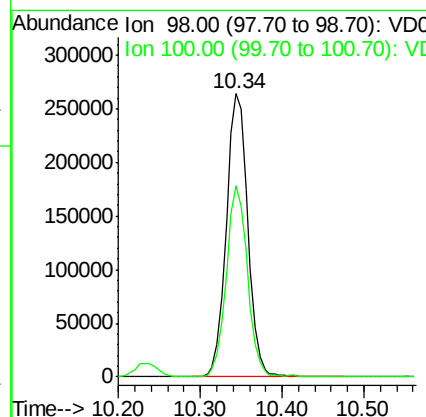
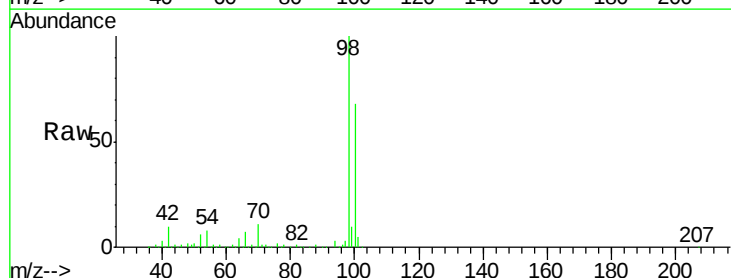
Instrument :
MSVOA_D
ClientSampleId :
VD1104SBSD01

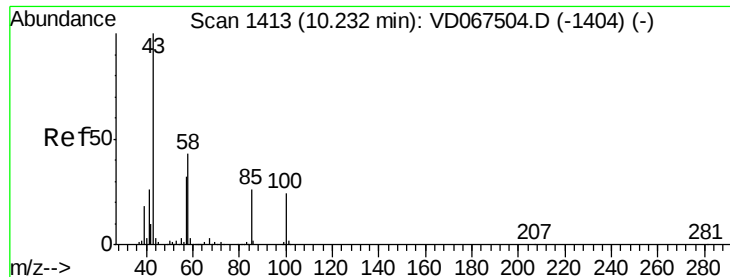
Tot Ion: 88 Resp: 7443
Ion Ratio Lower Upper
88 100
43 25.9 23.6 35.4
58 53.7 44.7 67.1



#50
Toluene-d8
Concen: 47.731 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067512.D
Acq: 04 Nov 2020 11:31

Tgt Ion: 98 Resp: 482458
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 110.180 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067512.D

Acq: 04 Nov 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

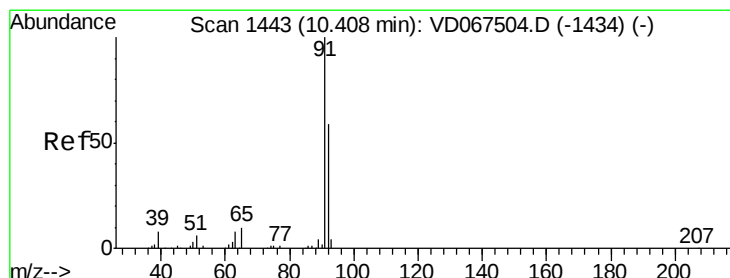
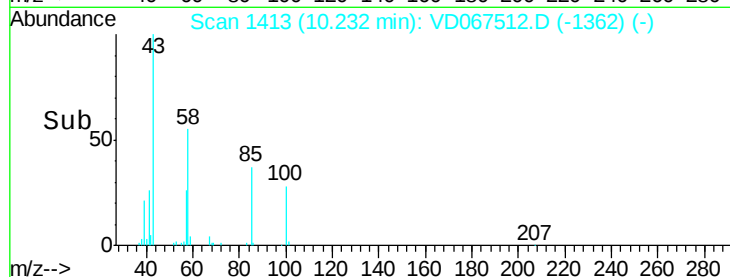
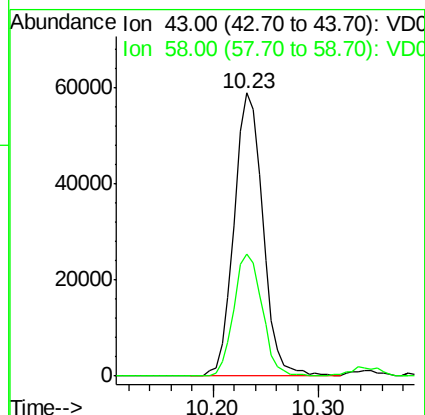
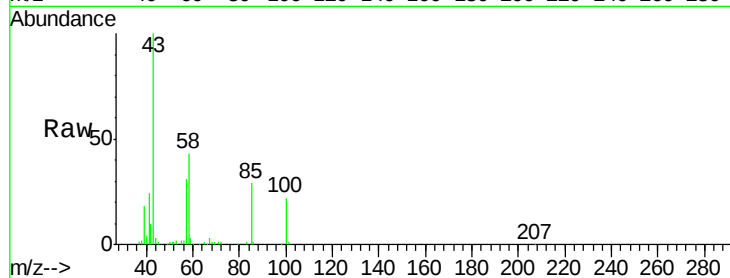
VD1104SBS01

Tot Ion: 43 Resp: 110559

Ion Ratio Lower Upper

43 100

58 42.6 35.6 53.4



#52

Toluene

Concen: 21.889 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067512.D

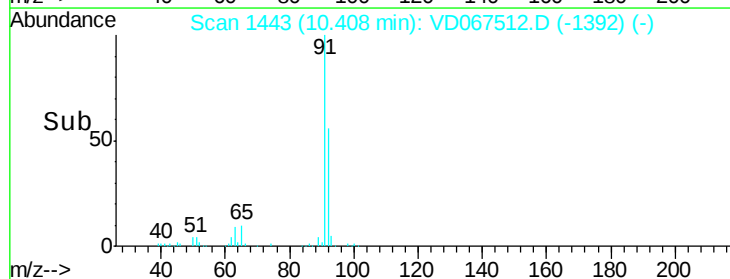
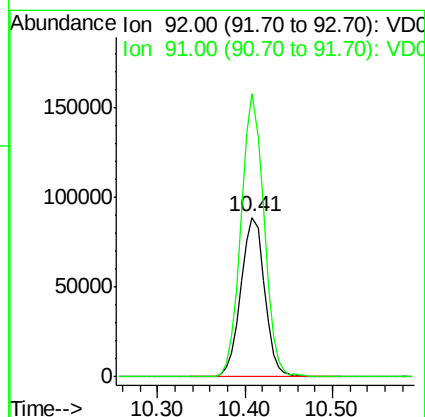
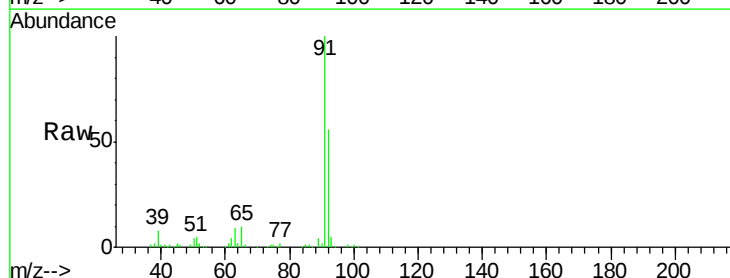
Acq: 04 Nov 2020 11:31

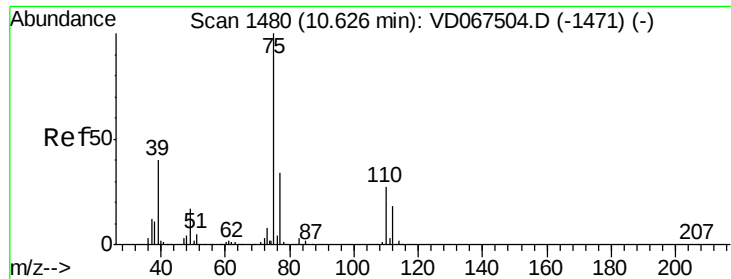
Tgt Ion: 92 Resp: 162284

Ion Ratio Lower Upper

92 100

91 171.1 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 21.561 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD067512.D

Acq: 04 Nov 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

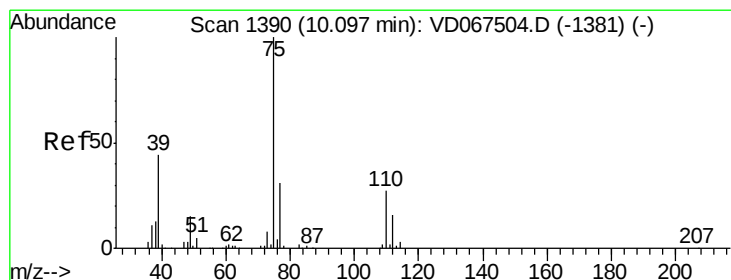
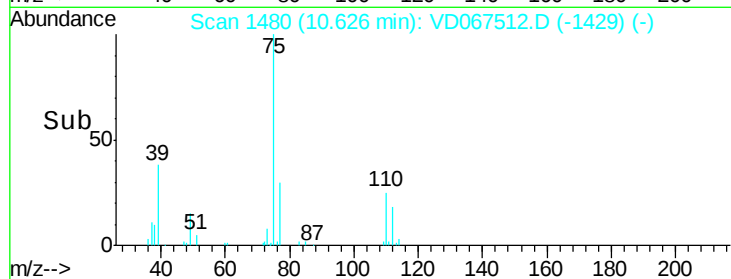
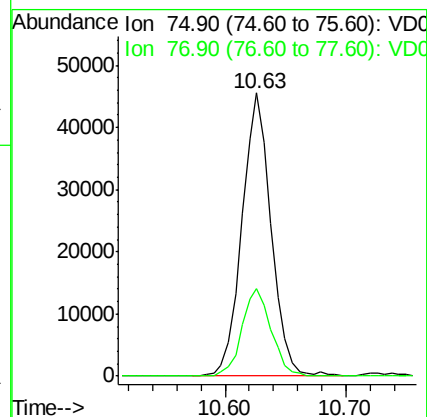
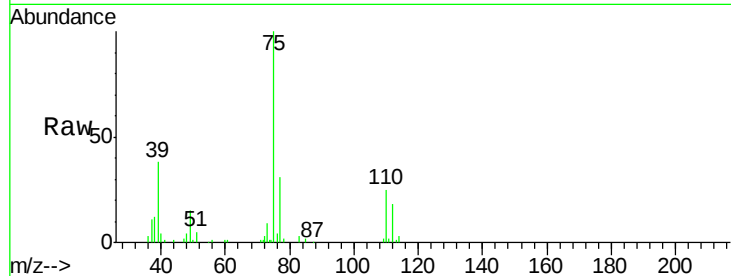
VD1104SBSD01

Tot Ion: 75 Resp: 76374

Ion Ratio Lower Upper

75 100

77 30.8 27.0 40.6



#54

cis-1,3-Dichloropropene

Concen: 20.978 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VD067512.D

Acq: 04 Nov 2020 11:31

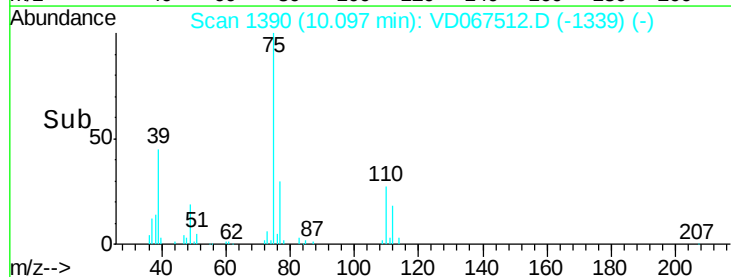
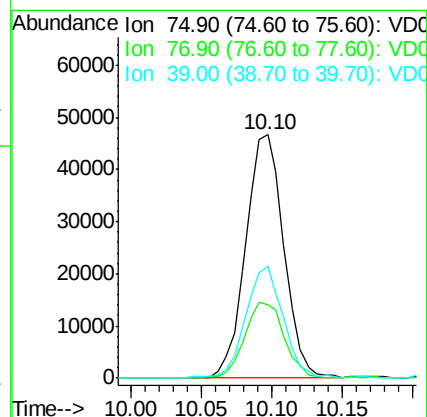
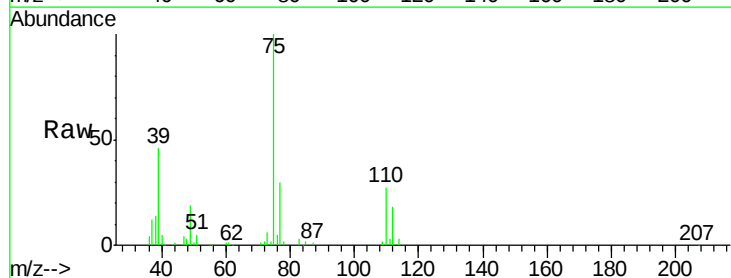
Tgt Ion: 75 Resp: 88289

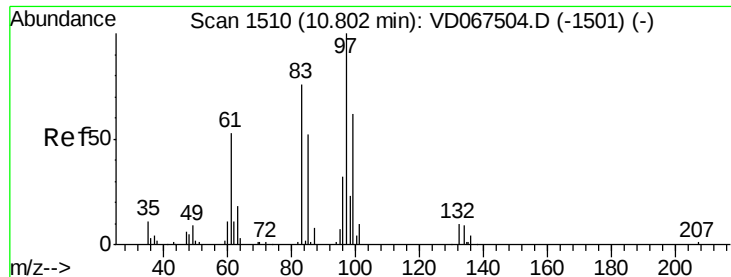
Ion Ratio Lower Upper

75 100

77 30.1 24.4 36.6

39 45.2 35.6 53.4

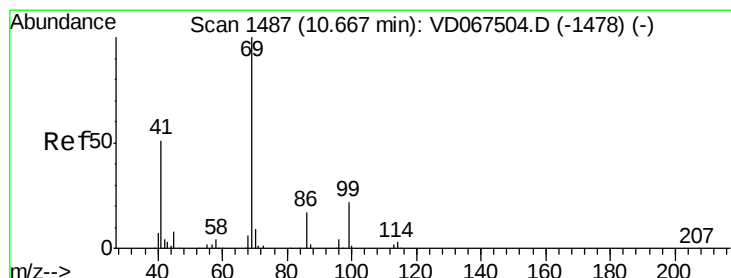
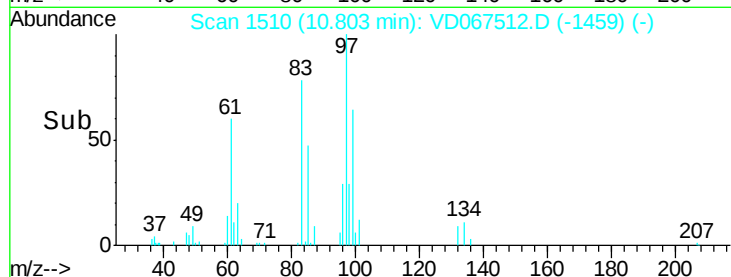
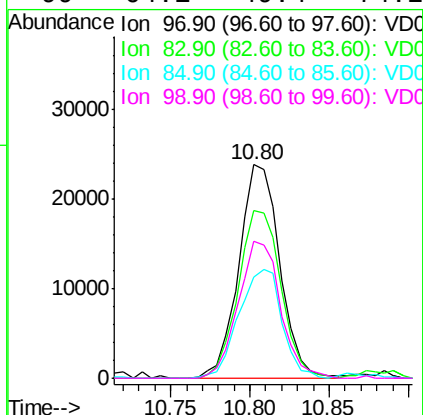
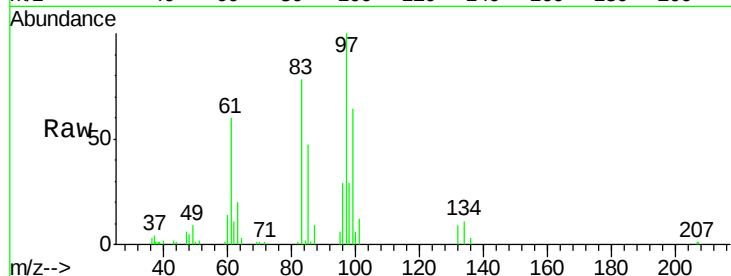




#55
 1,1,2-Trichloroethane
 Concen: 21.232 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067512.D
 Acq: 04 Nov 2020 11:31

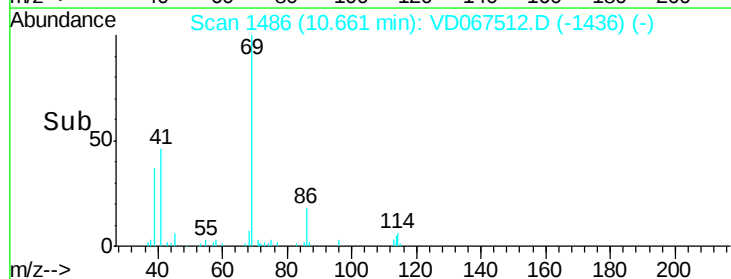
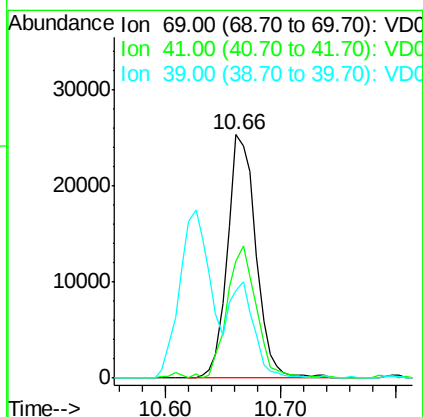
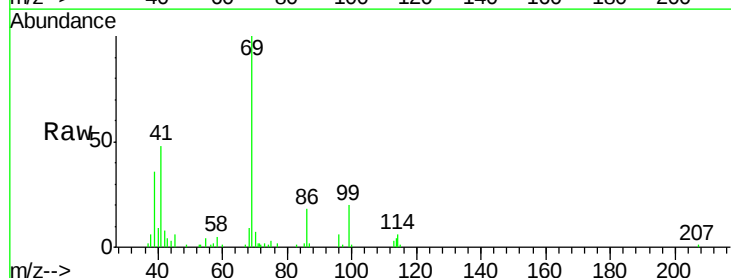
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1104SBSD01

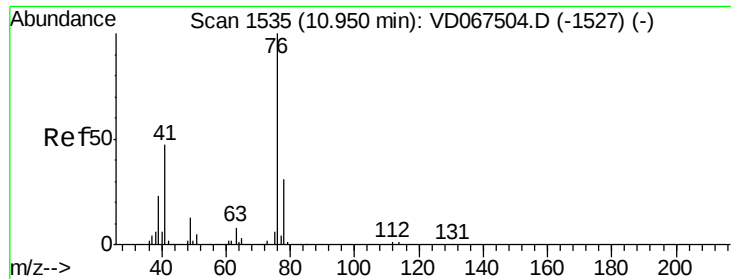
Tot Ion	Ratio	Lower	Upper
97	100		
83	78.4	61.0	91.6
85	47.2	41.5	62.3
99	64.1	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 20.847 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD067512.D
 Acq: 04 Nov 2020 11:31

Tgt Ion	Ratio	Lower	Upper
69	100		
41	55.7	45.4	68.0
39	34.1	27.4	41.0





#57

1,3-Dichloropropane

Concen: 21.305 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067512.D

Acq: 04 Nov 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

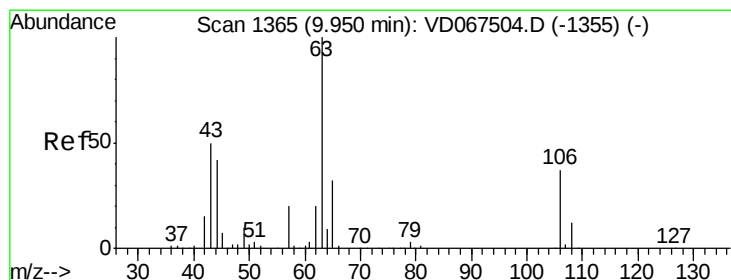
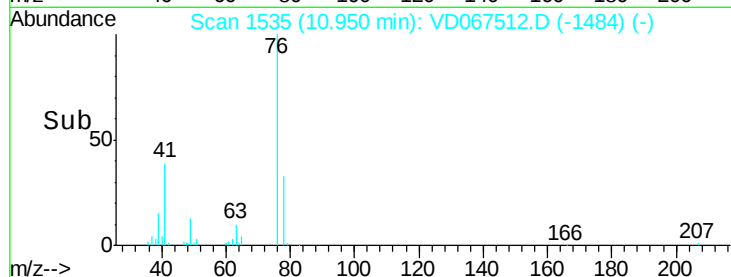
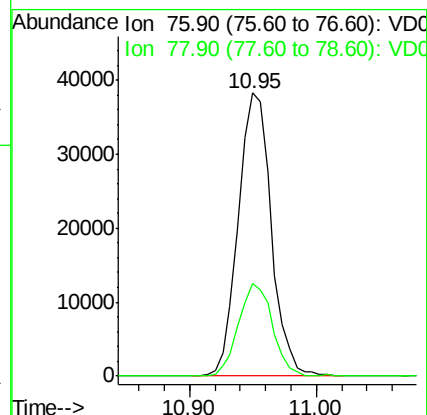
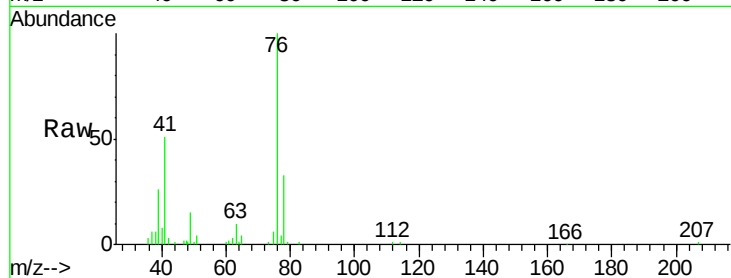
VD1104SBS01

Tot Ion: 76 Resp: 69025

Ion Ratio Lower Upper

76 100

78 33.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 103.796 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VD067512.D

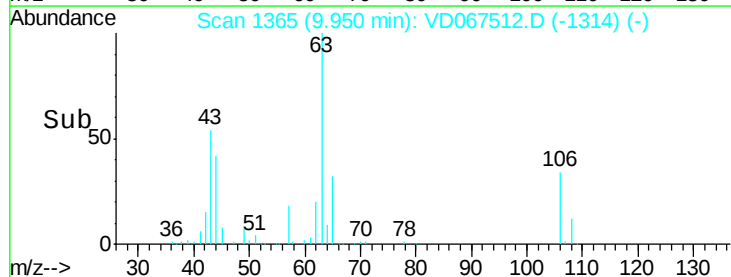
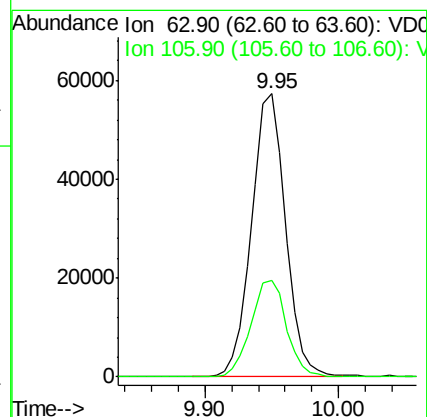
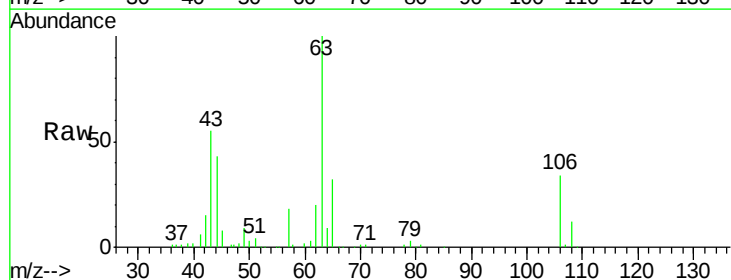
Acq: 04 Nov 2020 11:31

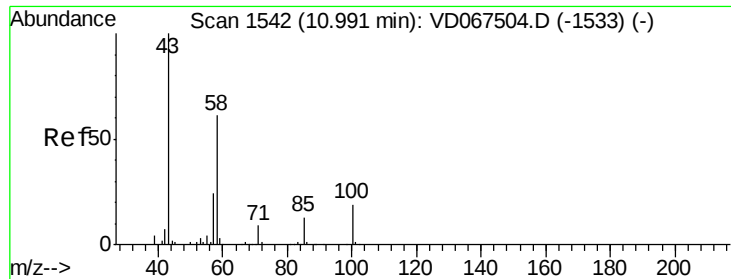
Tgt Ion: 63 Resp: 100636

Ion Ratio Lower Upper

63 100

106 35.5 29.2 43.8

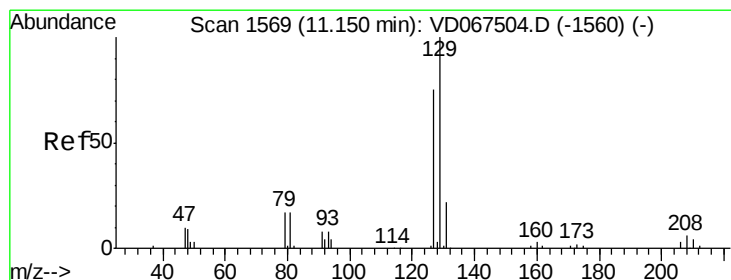
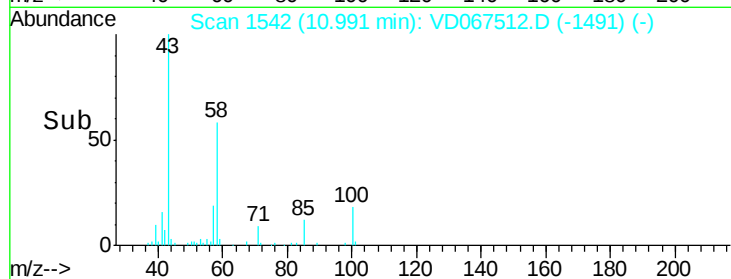
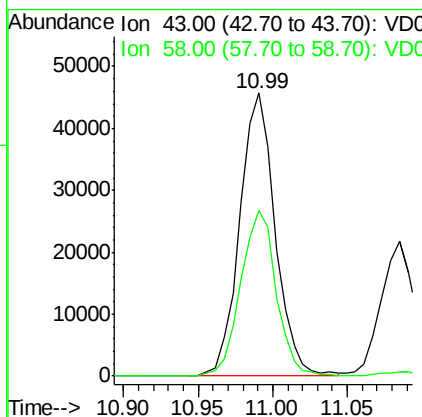
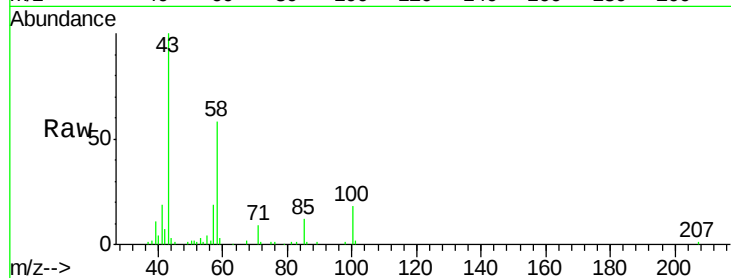




#59
2-Hexanone
Concen: 107.093 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067512.D
Acq: 04 Nov 2020 11:31

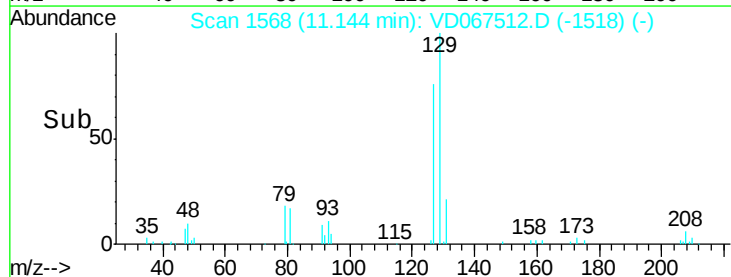
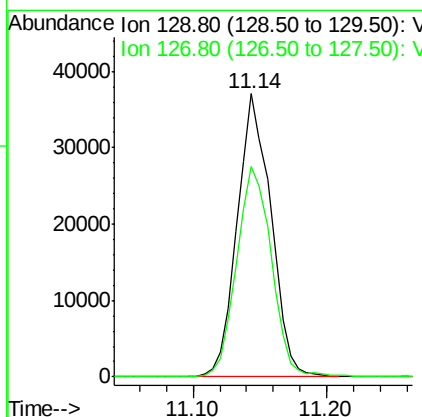
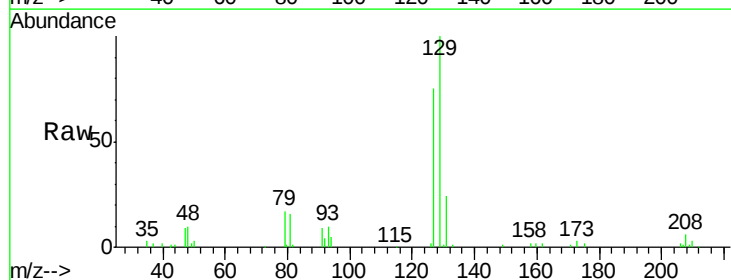
Instrument :
MSVOA_D
ClientSampleId :
VD1104SBSD01

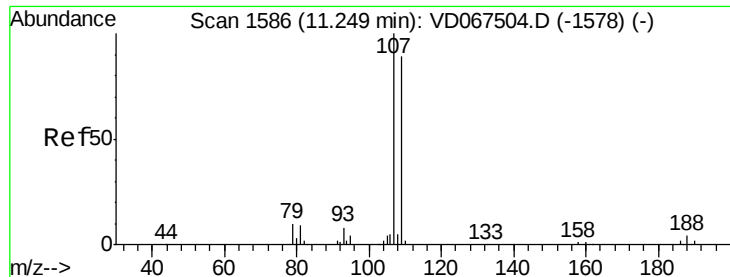
Tot Ion: 43 Resp: 75137
Ion Ratio Lower Upper
43 100
58 58.7 30.3 90.9



#60
Dibromochloromethane
Concen: 21.772 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067512.D
Acq: 04 Nov 2020 11:31

Tgt Ion: 129 Resp: 64843
Ion Ratio Lower Upper
129 100
127 76.7 38.0 114.1

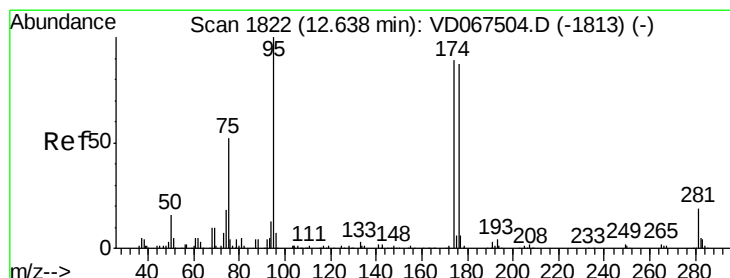
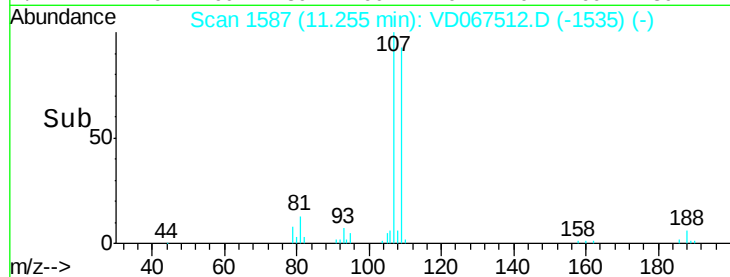
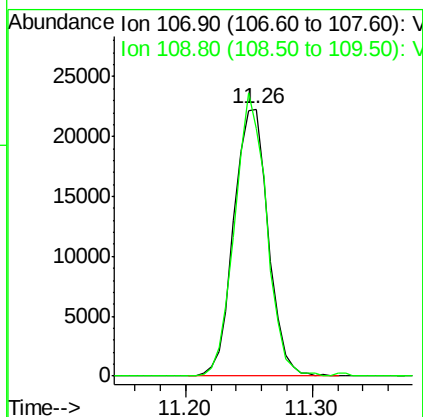
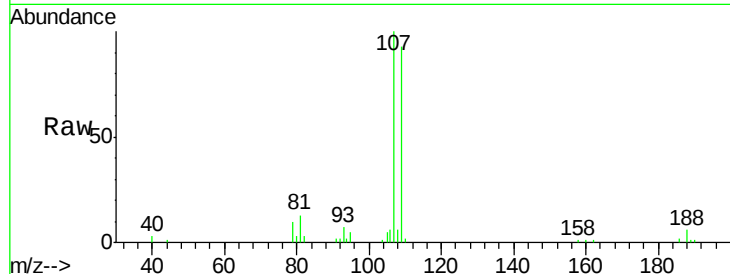




#61
 1,2-Dibromoethane
 Concen: 20.741 ug/l
 RT: 11.26 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: VD067512.D
 Acq: 04 Nov 2020 11:31

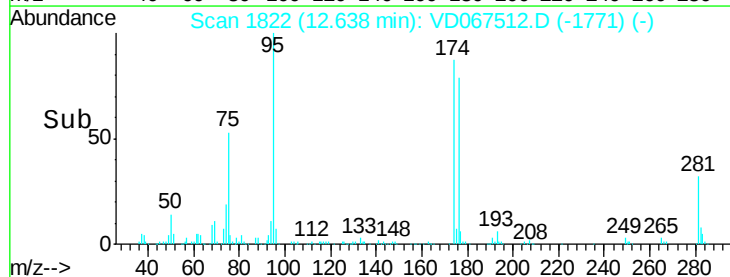
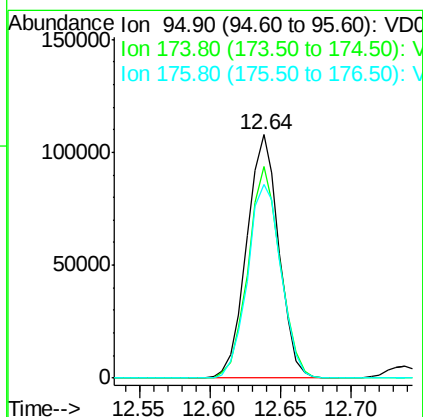
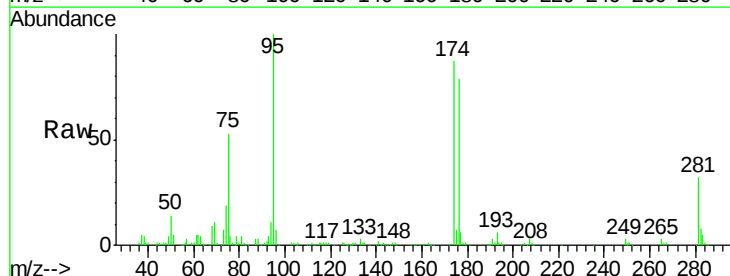
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1104SBSD01

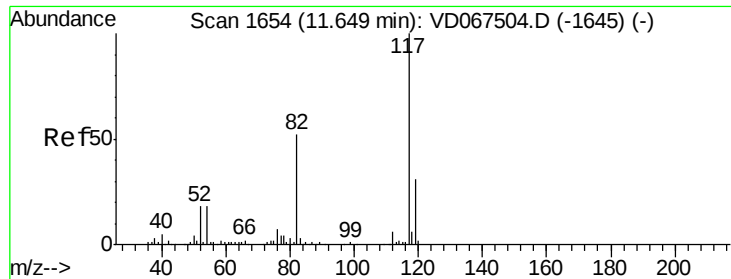
Tot Ion: 107 Resp: 41911
 Ion Ratio Lower Upper
 107 100
 109 98.0 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 49.459 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067512.D
 Acq: 04 Nov 2020 11:31

Tgt Ion: 95 Resp: 172597
 Ion Ratio Lower Upper
 95 100
 174 86.4 0.0 177.8
 176 83.3 0.0 172.0

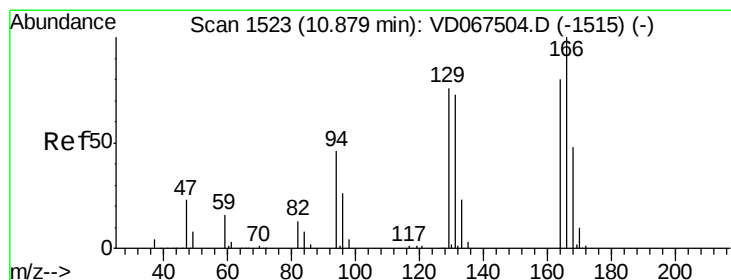
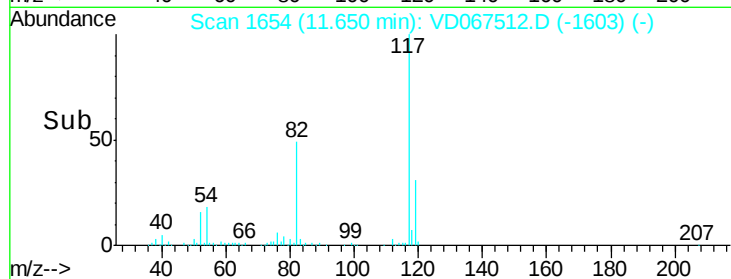
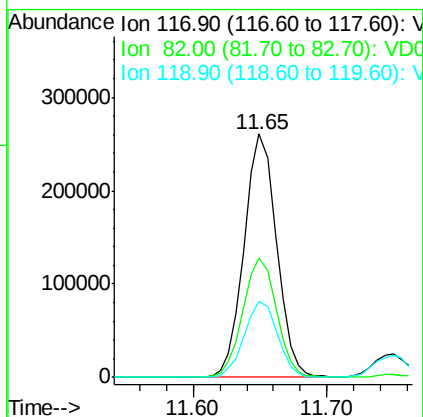
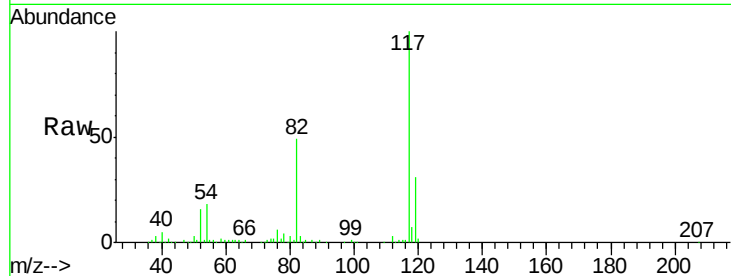




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067512.D
Acq: 04 Nov 2020 11:31

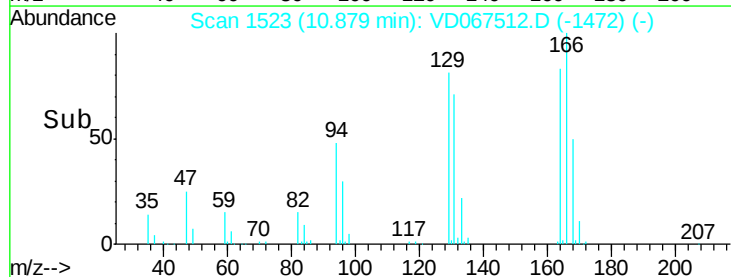
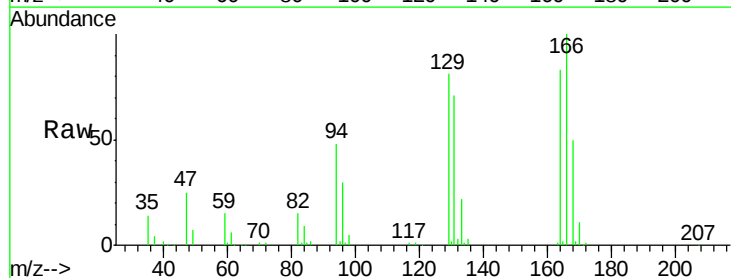
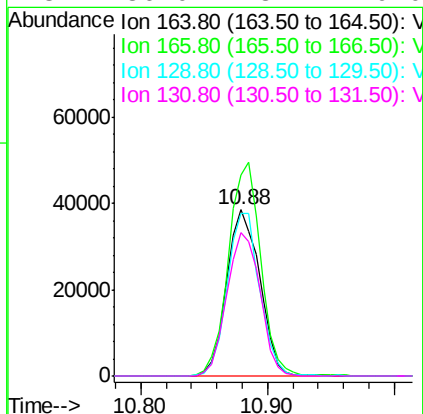
Instrument :
MSVOA_D
ClientSampleId :
VD1104SBSD01

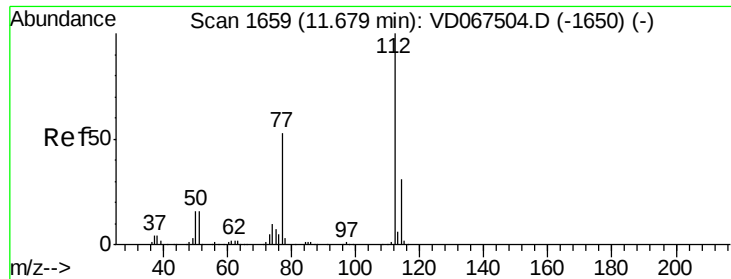
Tot Ion:117 Resp: 439187
Ion Ratio Lower Upper
117 100
82 49.0 41.6 62.4
119 31.1 25.1 37.7



#64
Tetrachloroethene
Concen: 21.465 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067512.D
Acq: 04 Nov 2020 11:31

Tgt Ion:164 Resp: 69817
Ion Ratio Lower Upper
164 100
166 120.7 99.9 149.9
129 97.4 75.5 113.3
131 86.0 73.4 110.0

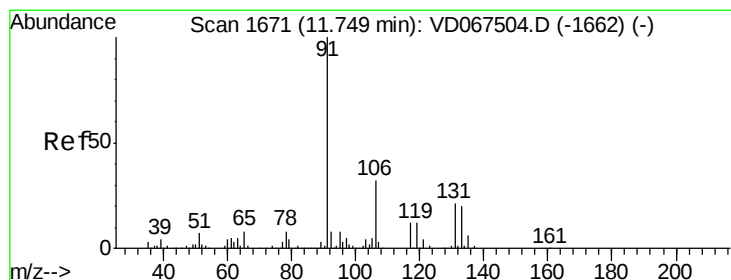
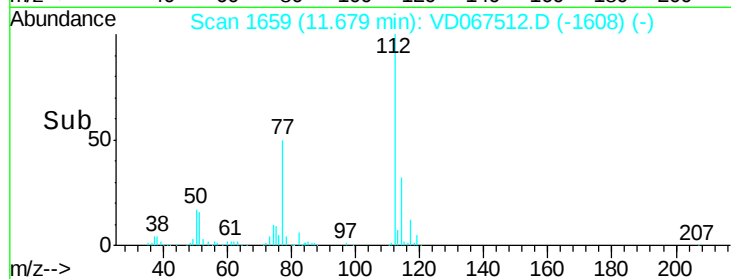
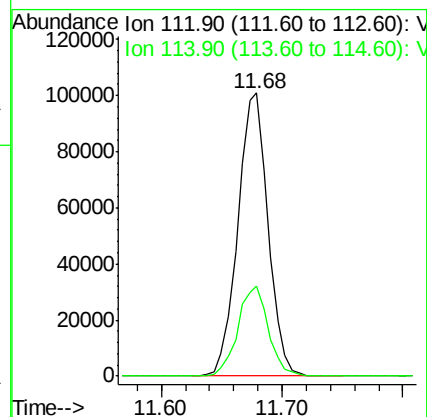
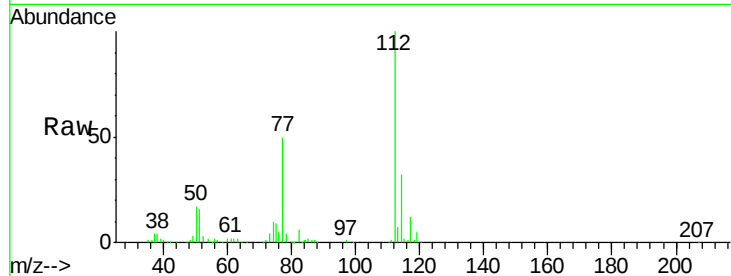




#65
Chlorobenzene
Concen: 20.731 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VD067512.D
Acq: 04 Nov 2020 11:31

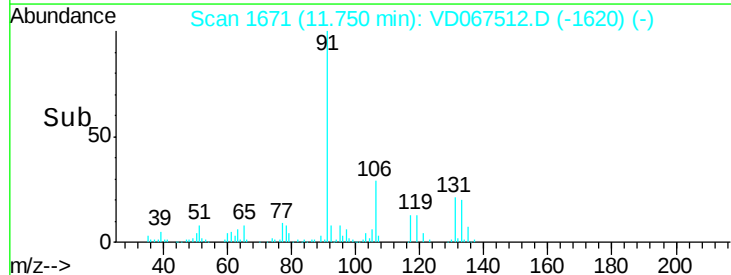
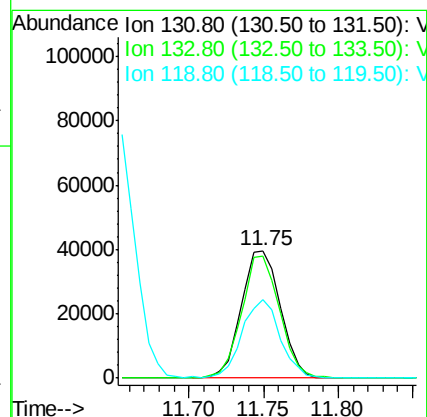
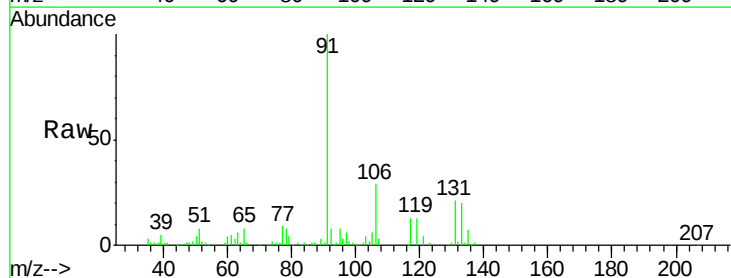
Instrument :
MSVOA_D
ClientSampleId :
VD1104SBSD01

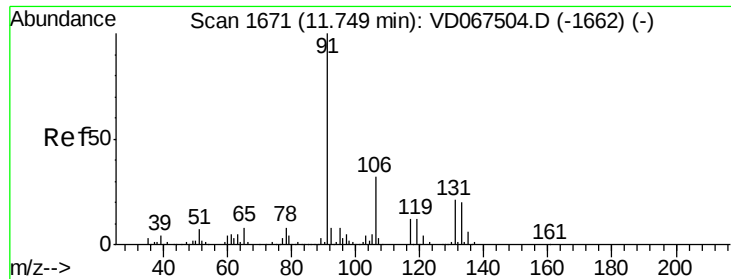
Tot Ion:112 Resp: 175384
Ion Ratio Lower Upper
112 100
114 31.9 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.527 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067512.D
Acq: 04 Nov 2020 11:31

Tgt Ion:131 Resp: 71778
Ion Ratio Lower Upper
131 100
133 93.6 48.0 144.0
119 59.9 30.1 90.5





#67

Ethyl Benzene

Concen: 21.539 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067512.D

Acq: 04 Nov 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

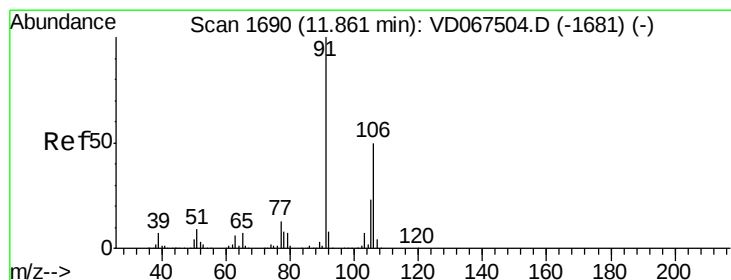
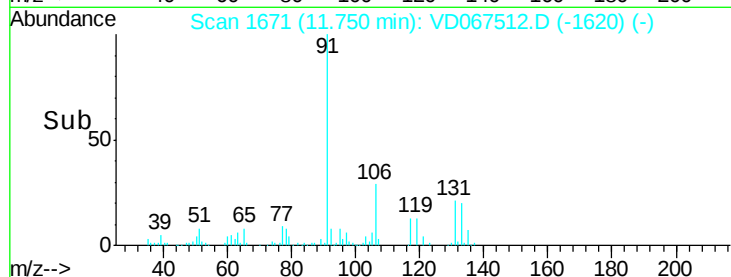
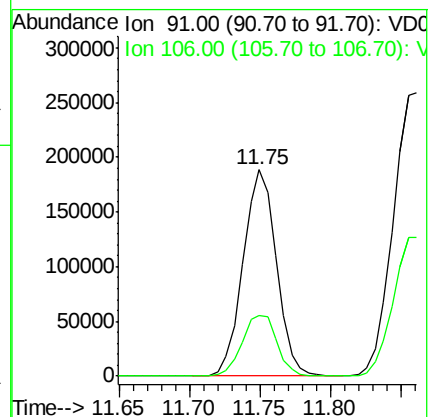
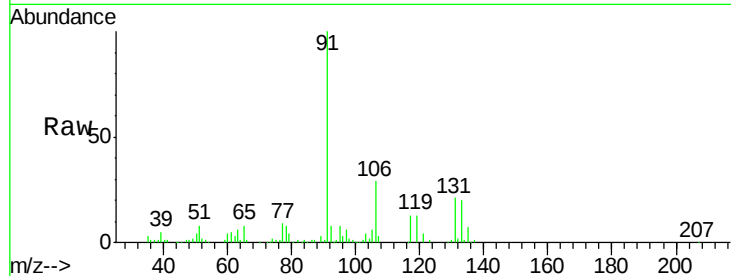
VD1104SBS01

Tot Ion: 91 Resp: 311805

Ion Ratio Lower Upper

91 100

106 29.4 25.7 38.5



#68

m/p-Xylenes

Concen: 42.918 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VD067512.D

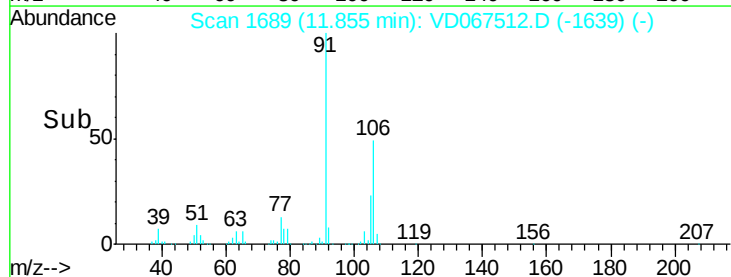
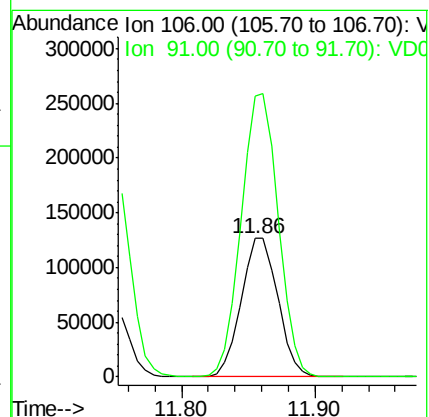
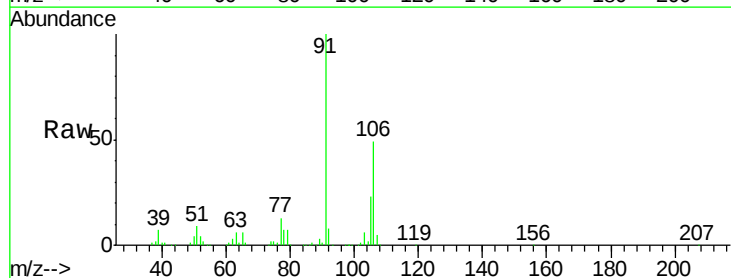
Acq: 04 Nov 2020 11:31

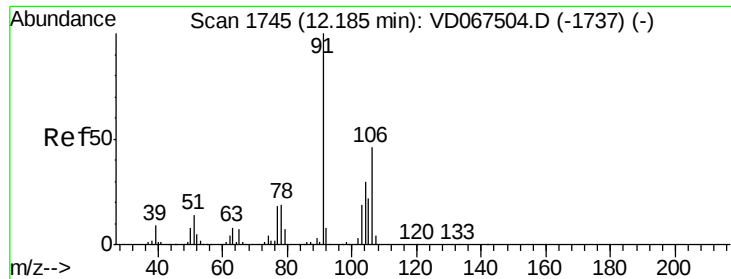
Tgt Ion: 106 Resp: 241719

Ion Ratio Lower Upper

106 100

91 205.8 162.6 244.0

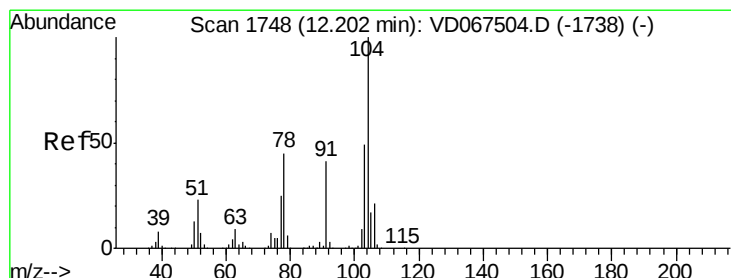
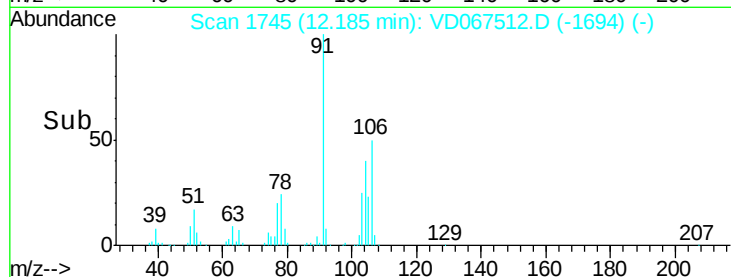
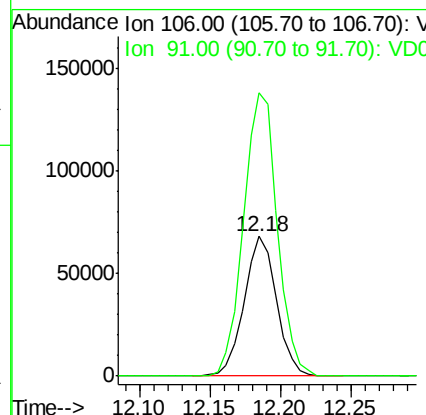
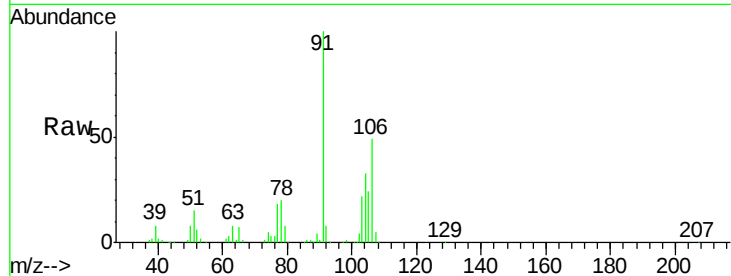




#69
o-Xylene
Concen: 21.747 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067512.D
Acq: 04 Nov 2020 11:31

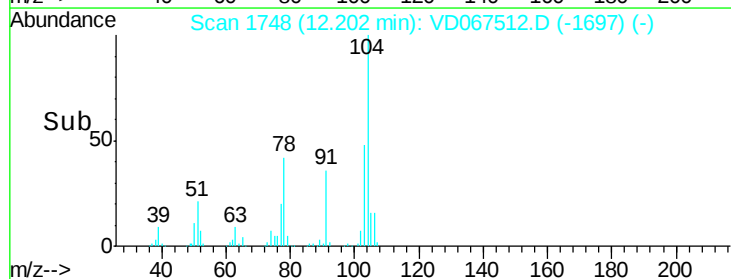
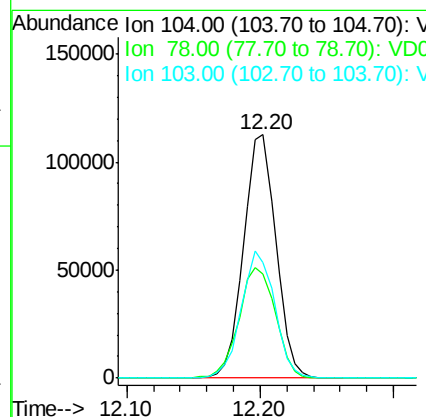
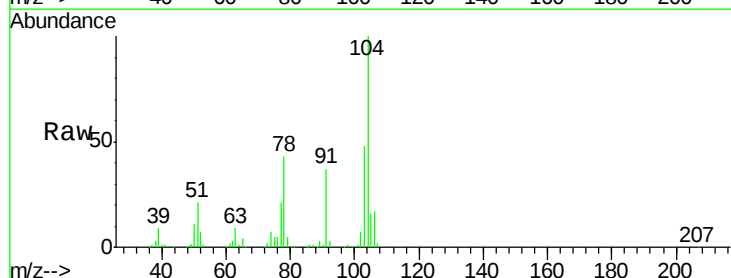
Instrument :
MSVOA_D
ClientSampleId :
VD1104SBSD01

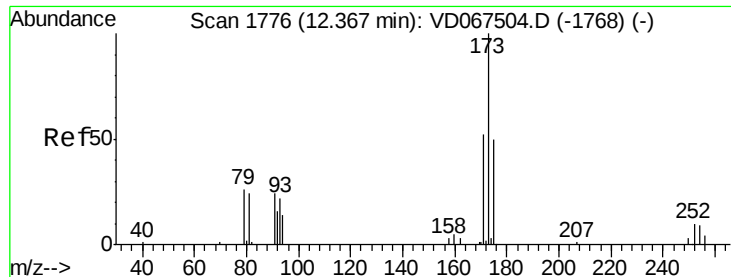
Tot Ion:106 Resp: 109353
Ion Ratio Lower Upper
106 100
91 211.1 107.1 321.1



#70
Styrene
Concen: 21.573 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD067512.D
Acq: 04 Nov 2020 11:31

Tgt Ion:104 Resp: 189022
Ion Ratio Lower Upper
104 100
78 51.4 39.8 59.8
103 54.1 43.9 65.9

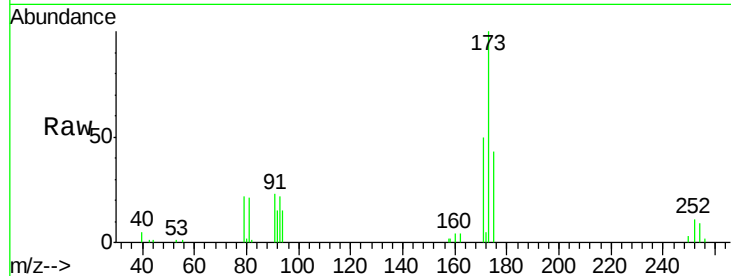




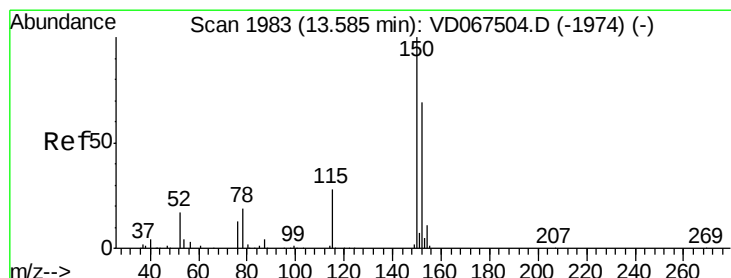
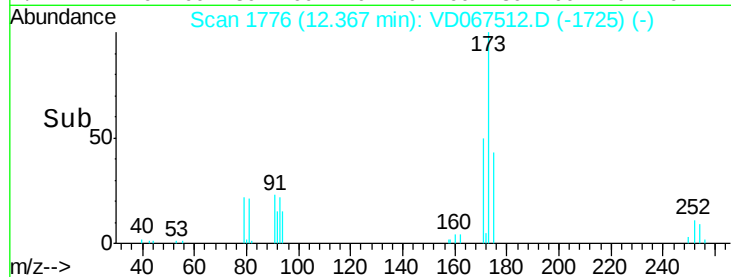
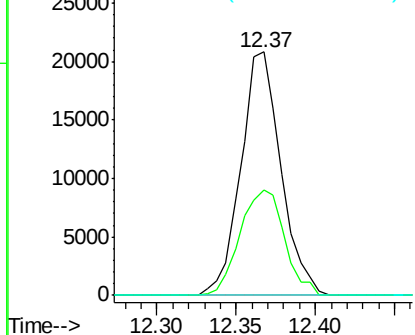
#71
Bromoform
Concen: 21.507 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.00 min
Lab File: VD067512.D
Acq: 04 Nov 2020 11:31

Instrument :
MSVOA_D
ClientSampleId :
VD1104SBSD01

Tot Ion:173 Resp: 36574
Ion Ratio Lower Upper
173 100
175 48.2 24.1 72.2
254 0.0 0.0 0.0

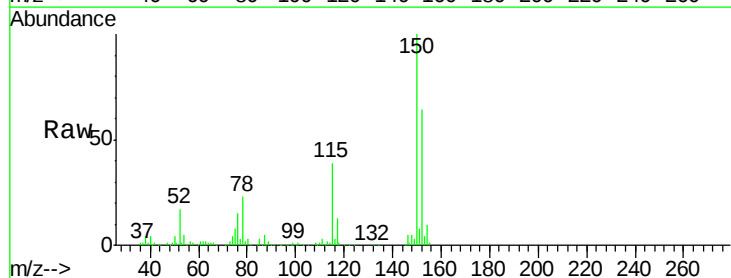


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

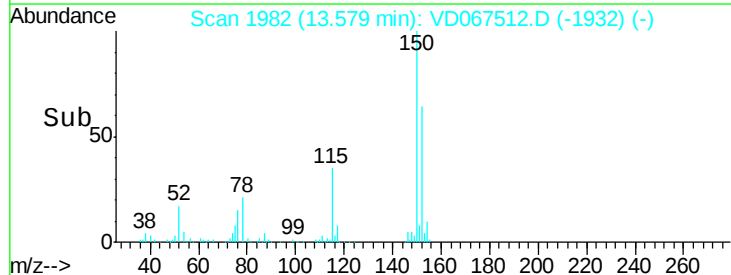
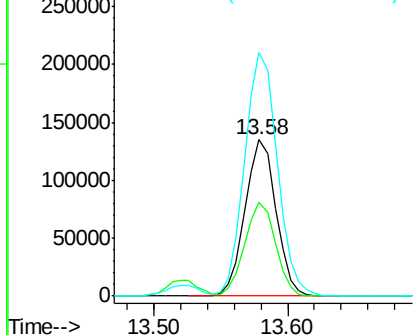


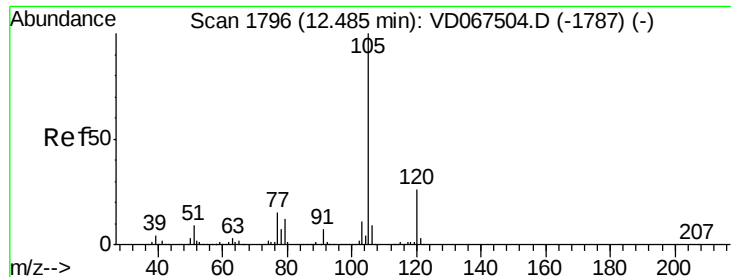
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067512.D
Acq: 04 Nov 2020 11:31

Tgt Ion:152 Resp: 215746
Ion Ratio Lower Upper
152 100
115 59.9 29.3 88.0
150 165.0 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: 22.115 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067512.D

Acq: 04 Nov 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

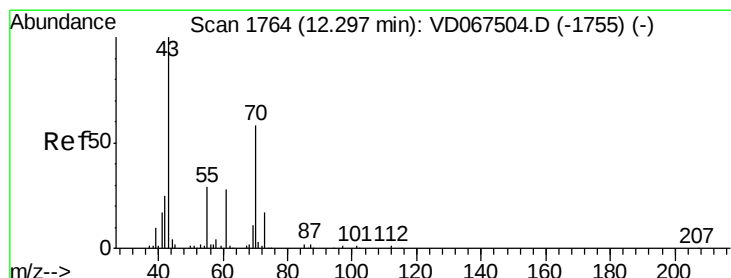
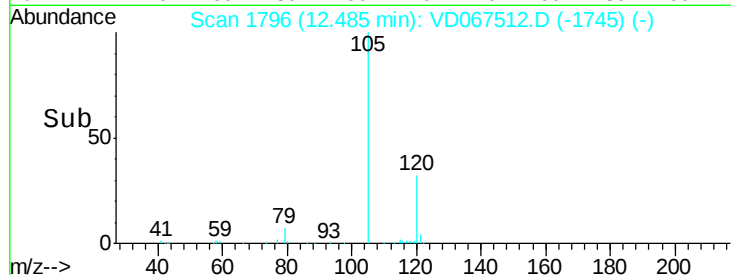
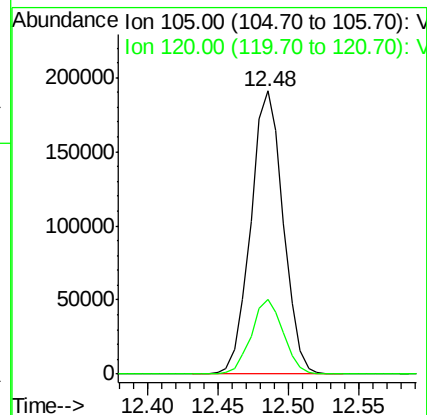
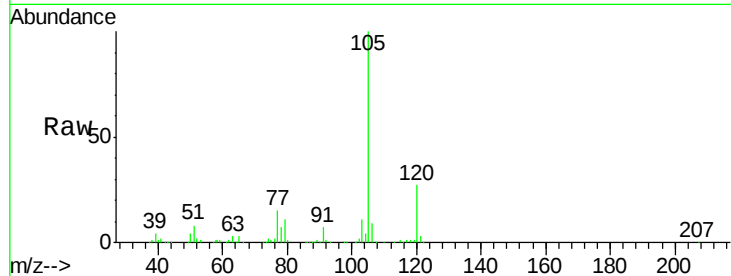
VD1104SBS01

Tot Ion:105 Resp: 308352

Ion Ratio Lower Upper

105 100

120 26.0 13.2 39.6



#74

N-ethyl acetate

Concen: 20.718 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067512.D

Acq: 04 Nov 2020 11:31

Tgt Ion: 43 Resp: 38012

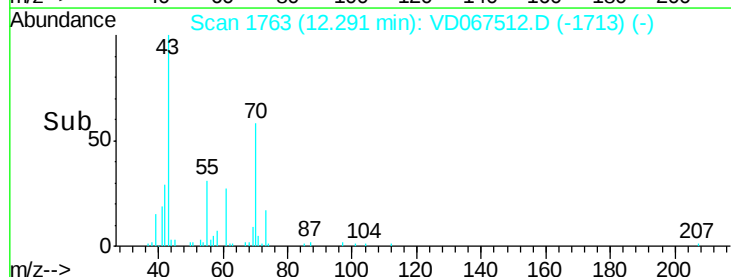
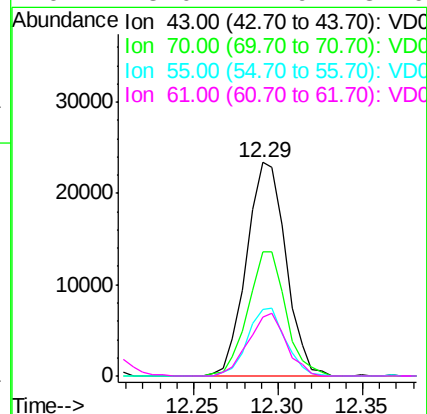
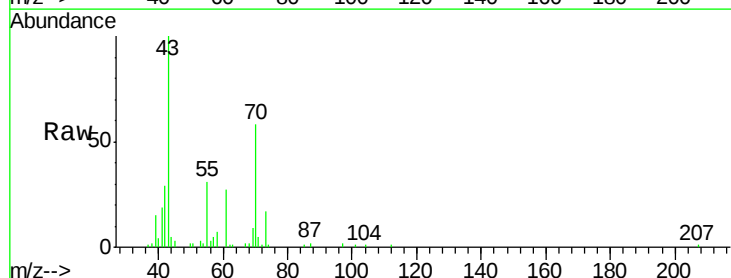
Ion Ratio Lower Upper

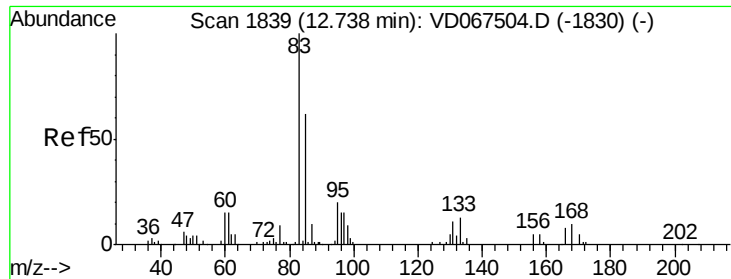
43 100

70 56.1 42.6 64.0

55 30.6 23.7 35.5

61 28.0 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 22.474 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067512.D

Acq: 04 Nov 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

VD1104SBSD01

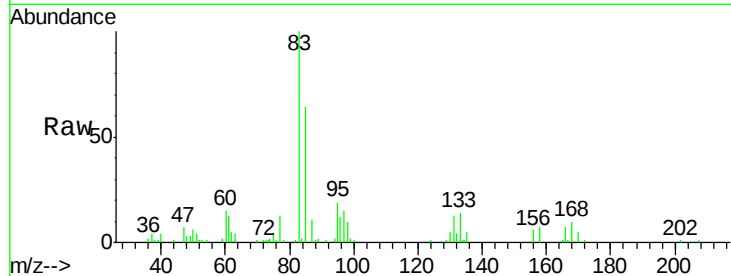
Tot Ion: 83 Resp: 42730

Ion Ratio Lower Upper

83 100

131 14.1 7.1 21.3

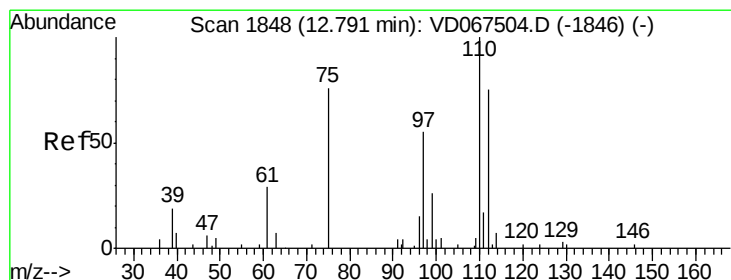
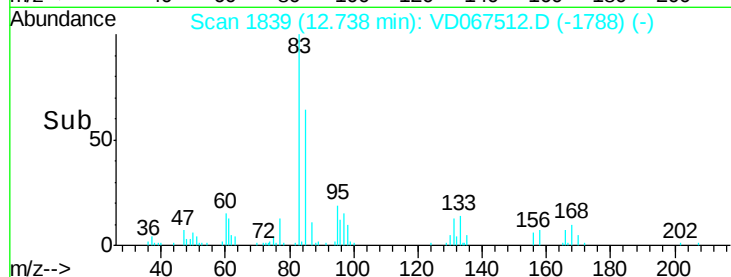
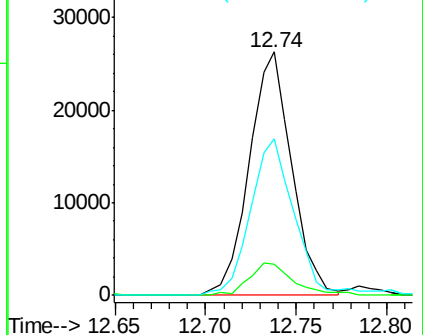
85 66.4 32.9 98.7



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: 44.172 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD067512.D

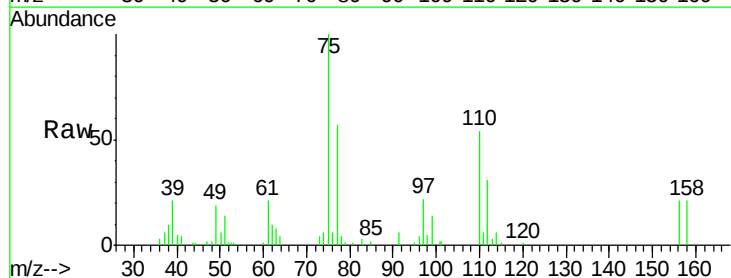
Acq: 04 Nov 2020 11:31

Tgt Ion: 75 Resp: 57490

Ion Ratio Lower Upper

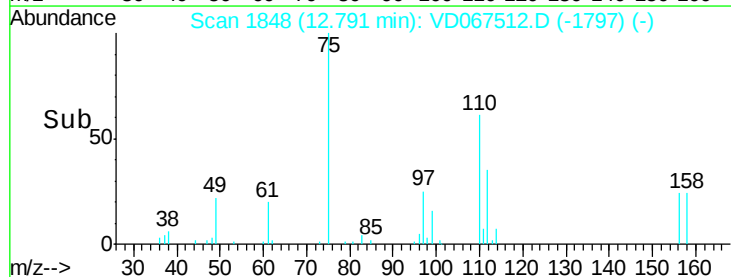
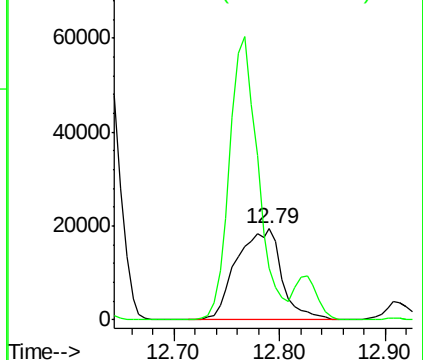
75 100

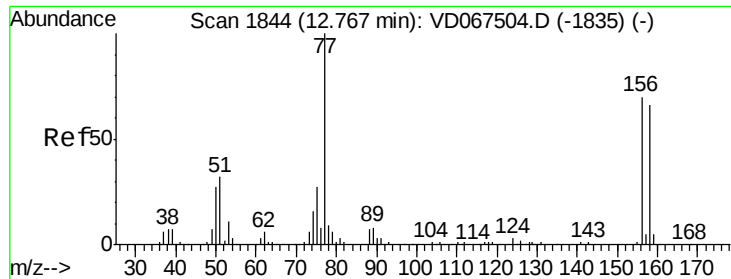
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 21.218 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067512.D

Acq: 04 Nov 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

VD1104SBSD01

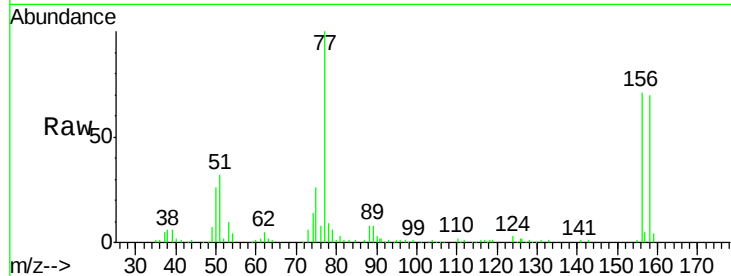
Tot Ion:156 Resp: 72658

Ion Ratio Lower Upper

156 100

77 157.2 77.8 233.5

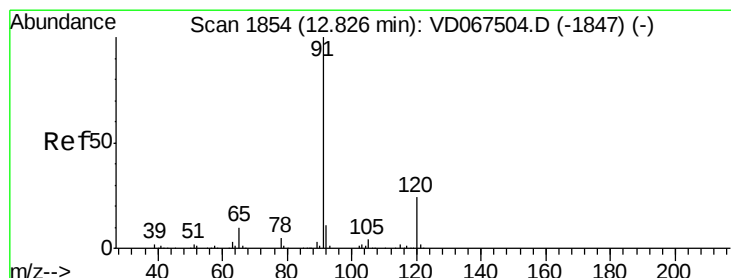
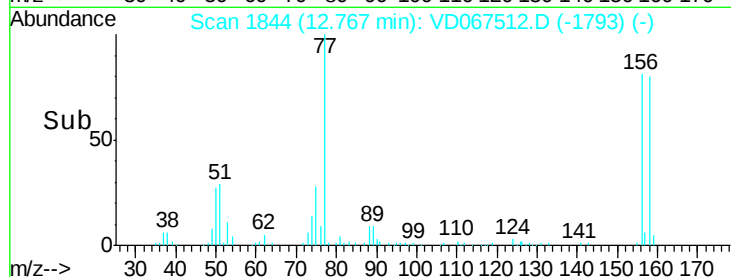
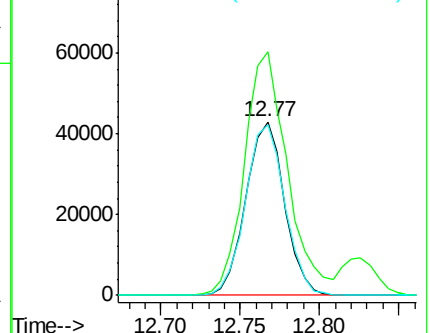
158 100.1 47.9 143.7



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: 22.271 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067512.D

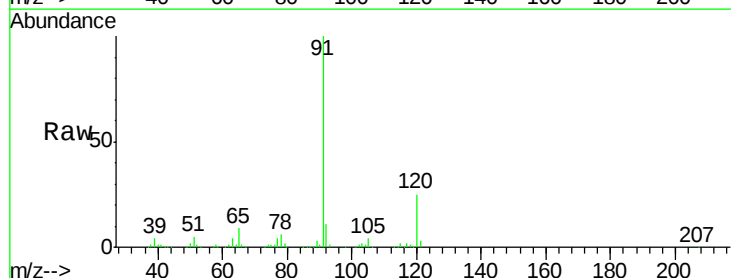
Acq: 04 Nov 2020 11:31

Tgt Ion: 91 Resp: 355186

Ion Ratio Lower Upper

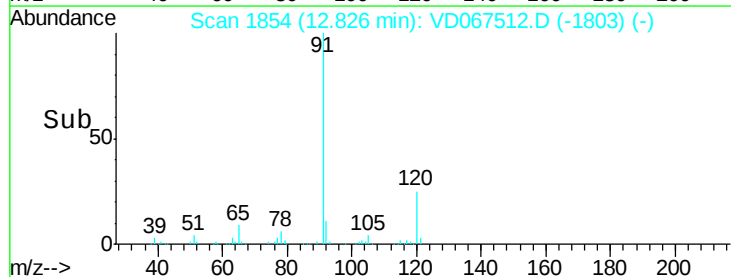
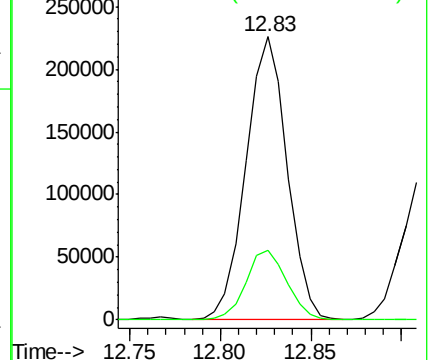
91 100

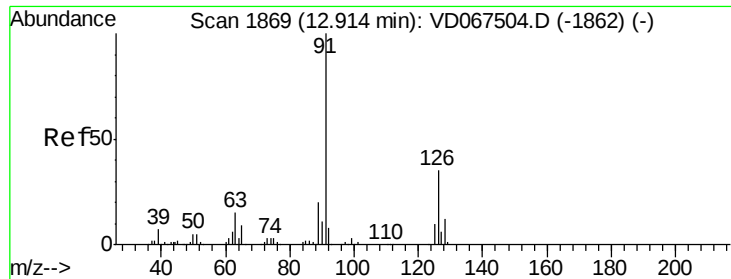
120 24.6 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

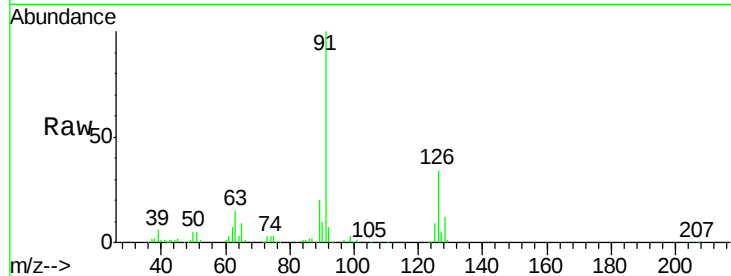




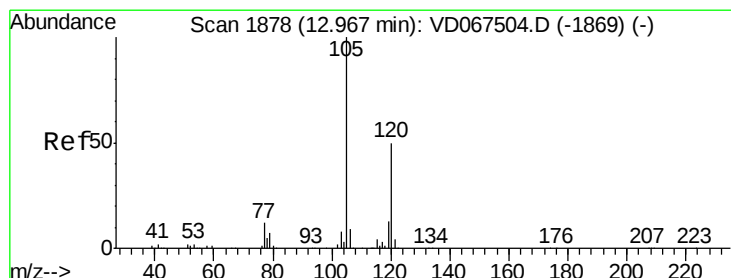
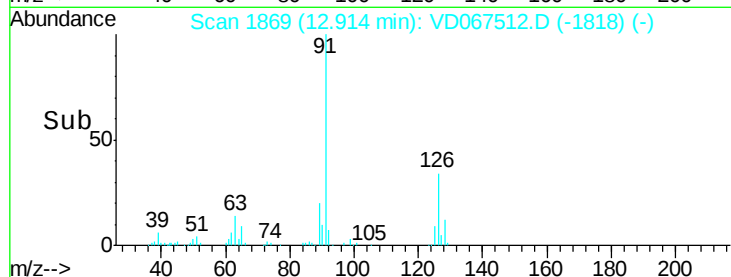
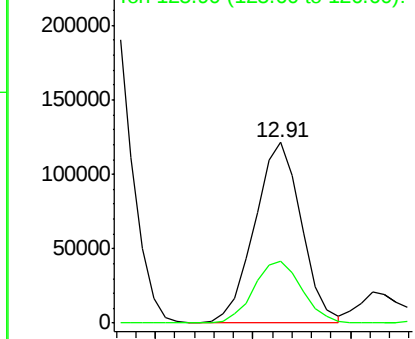
#79
2-Chlorotoluene
Concen: 22.210 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. 0.00 min
Lab File: VD067512.D
Acq: 04 Nov 2020 11:31

Instrument :
MSVOA_D
ClientSampleId :
VD1104SBSD01

Tot Ion: 91 Resp: 201218
Ion Ratio Lower Upper
91 100
126 35.1 17.8 53.4

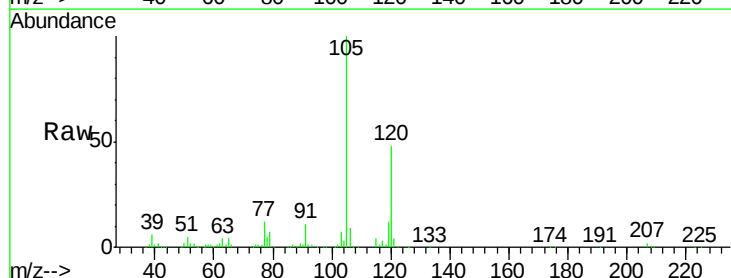


Abundance Ion 91.00 (90.70 to 91.70): V
Ion 125.90 (125.60 to 126.60): V

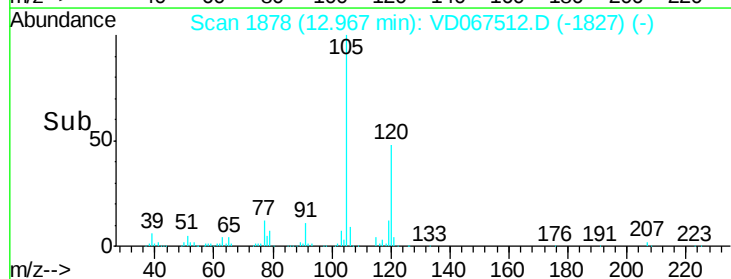
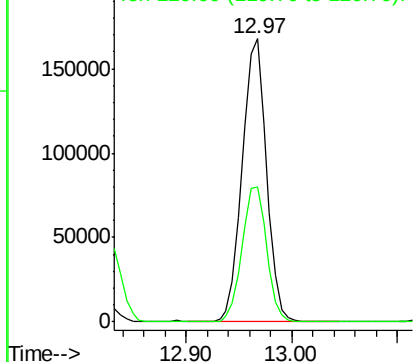


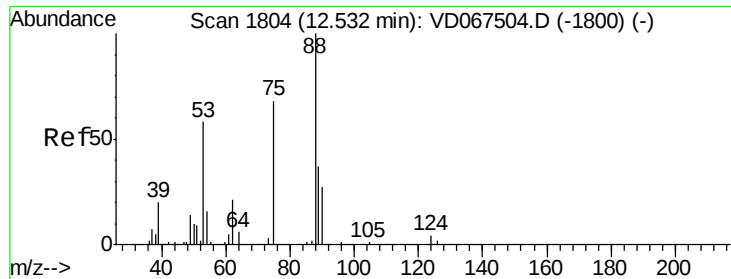
#80
1,3,5-Trimethylbenzene
Concen: 22.423 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. 0.00 min
Lab File: VD067512.D
Acq: 04 Nov 2020 11:31

Tgt Ion: 105 Resp: 267082
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.8



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





#81

trans-1,4-Dichloro-2-butene

Concen: 21.661 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD067512.D

Acq: 04 Nov 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

VD1104SBSD01

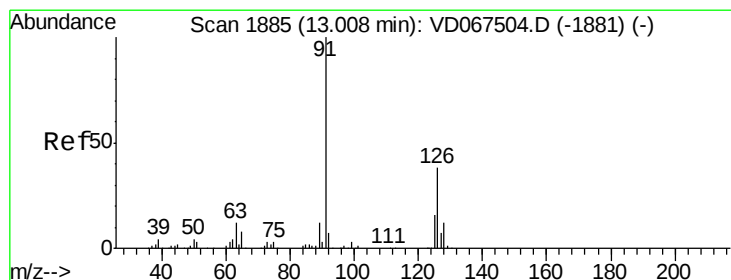
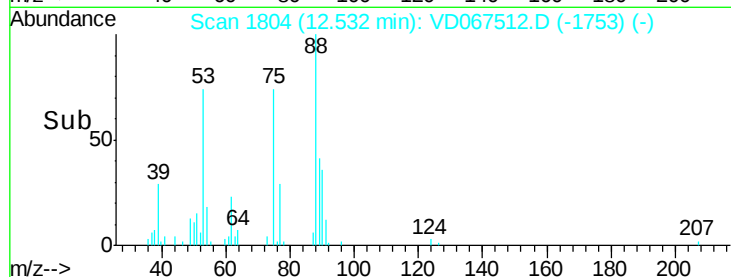
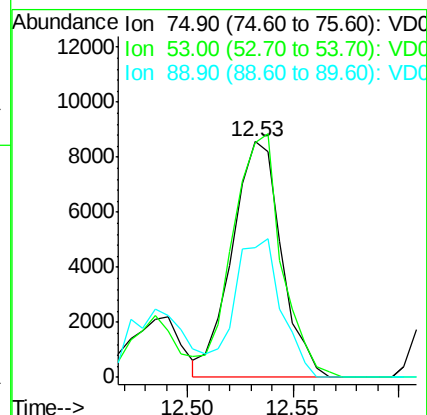
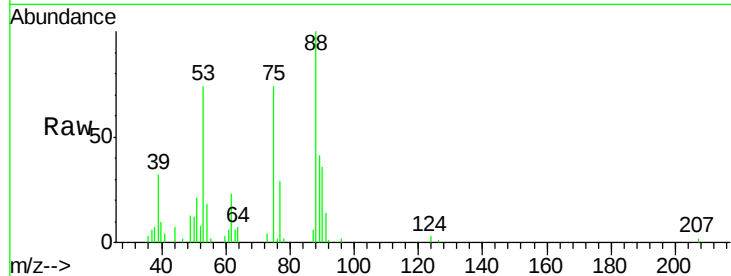
Tot Ion: 75 Resp: 13886

Ion Ratio Lower Upper

75 100

53 102.5 75.9 113.9

89 55.7 44.6 67.0



#82

4-Chlorotoluene

Concen: 22.472 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067512.D

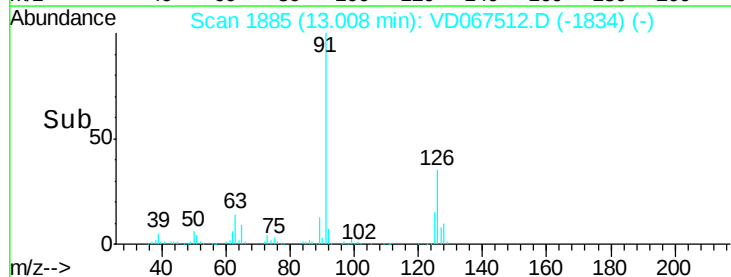
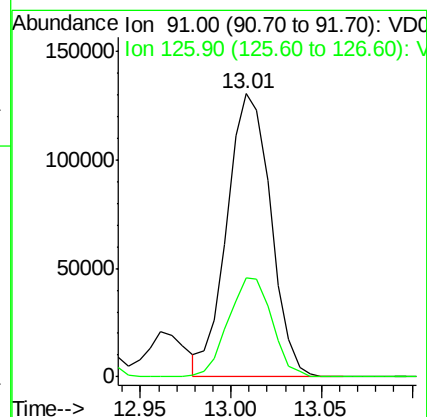
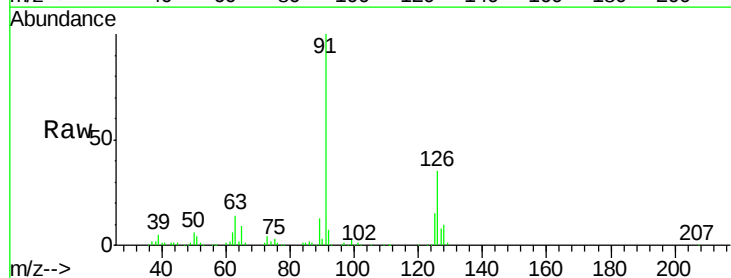
Acq: 04 Nov 2020 11:31

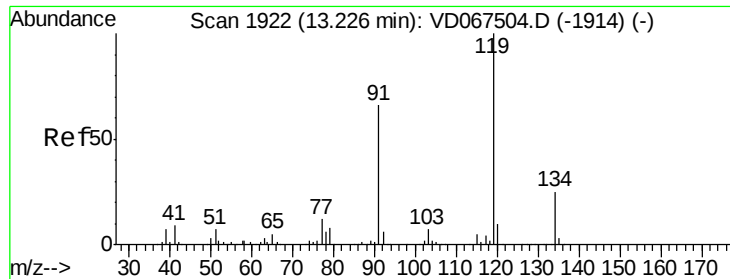
Tgt Ion: 91 Resp: 218345

Ion Ratio Lower Upper

91 100

126 35.1 17.9 53.7

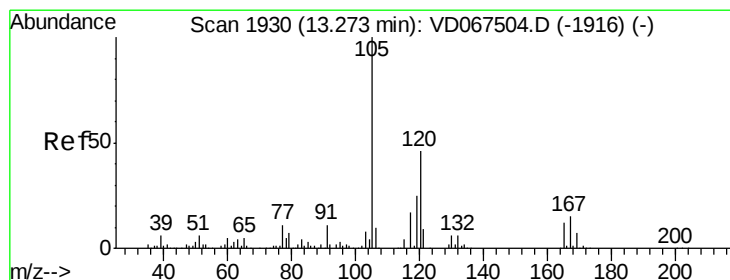
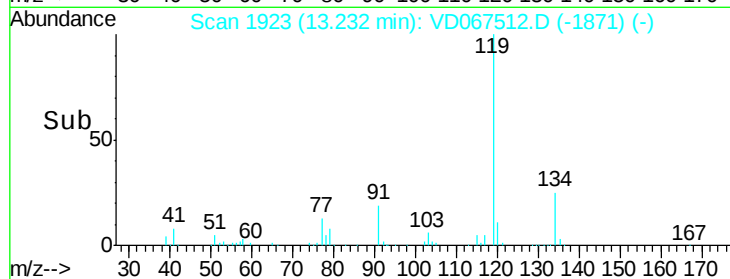
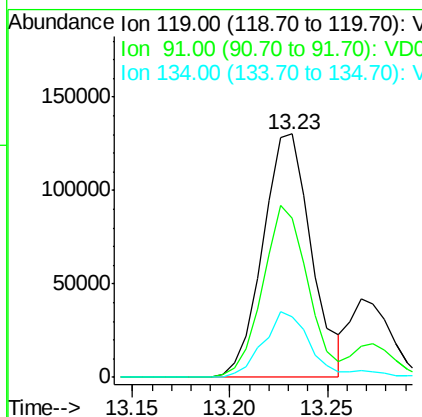
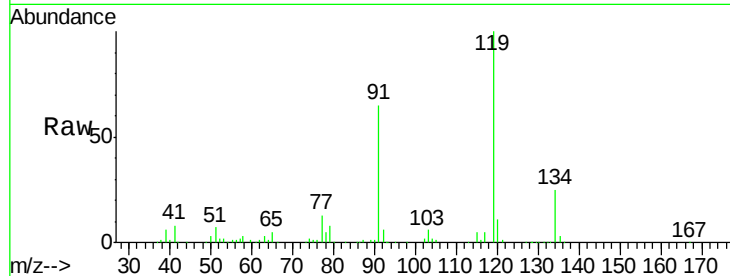




#83
tert-Butylbenzene
Concen: 22.310 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.01 min
Lab File: VD067512.D
Acq: 04 Nov 2020 11:31

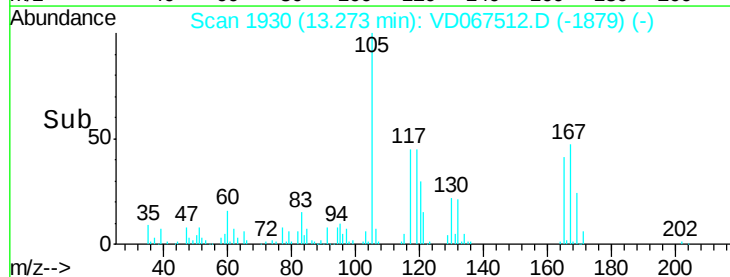
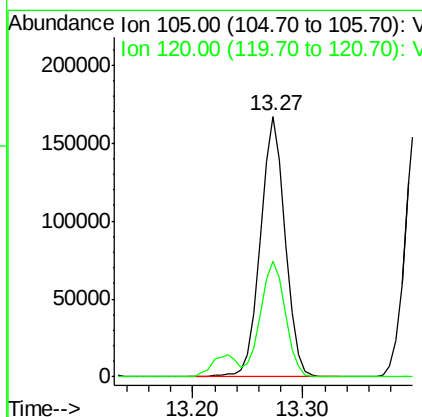
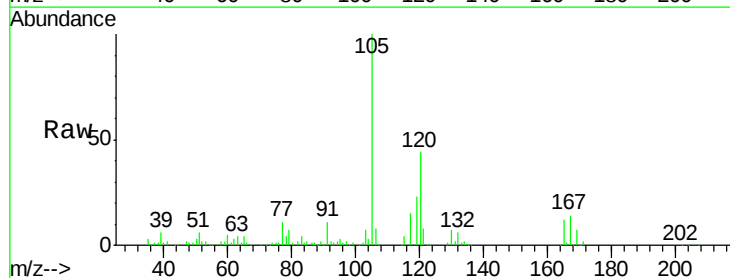
Instrument :
MSVOA_D
ClientSampleId :
VD1104SBSD01

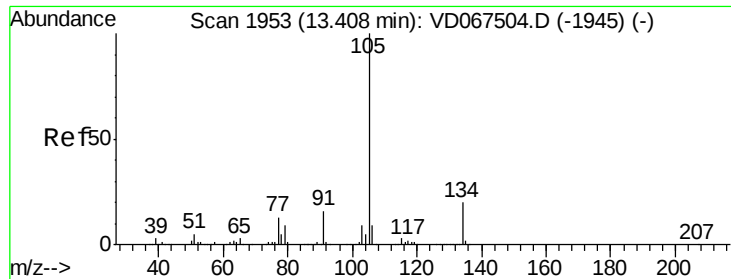
Tot Ion:119 Resp: 225211
Ion Ratio Lower Upper
119 100
91 65.5 32.7 98.1
134 27.4 13.4 40.2



#84
1,2,4-Trimethylbenzene
Concen: 22.168 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067512.D
Acq: 04 Nov 2020 11:31

Tgt Ion:105 Resp: 262833
Ion Ratio Lower Upper
105 100
120 44.7 22.1 66.1

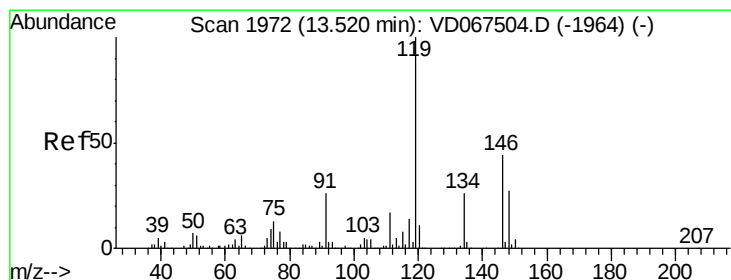
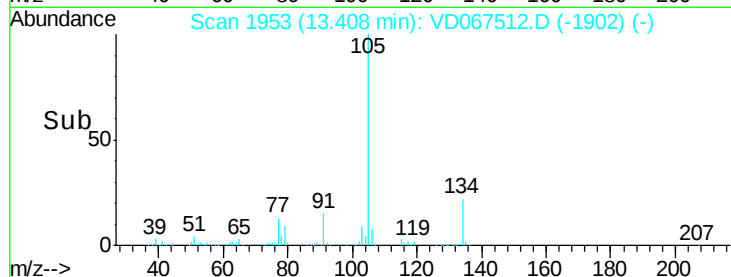
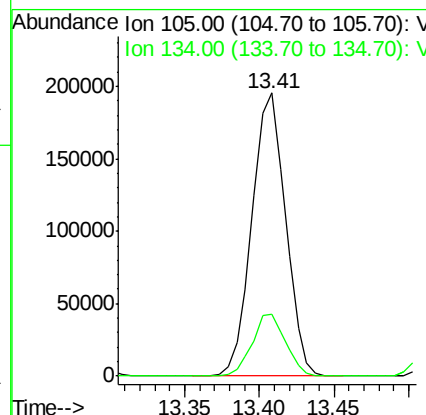
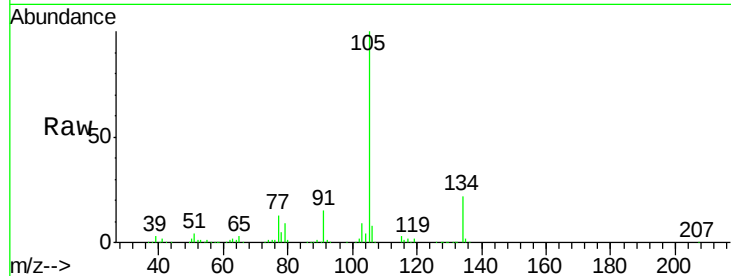




#85
 sec-Butylbenzene
 Concen: 22.383 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD067512.D
 Acq: 04 Nov 2020 11:31

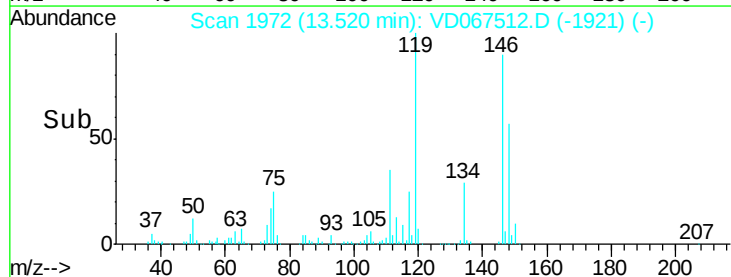
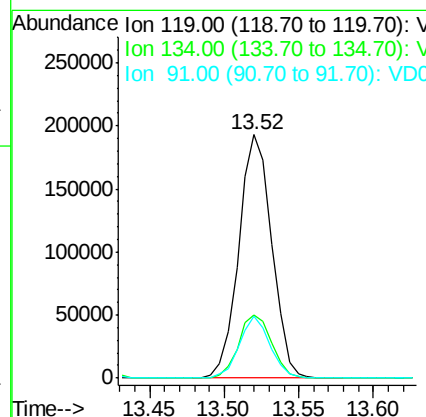
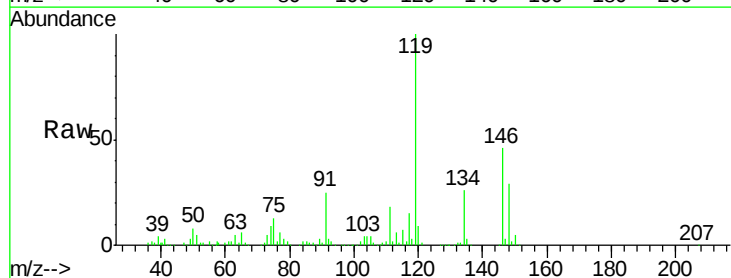
Instrument :
 MSVOA_D
 ClientSampleID :
 VD1104SBS01

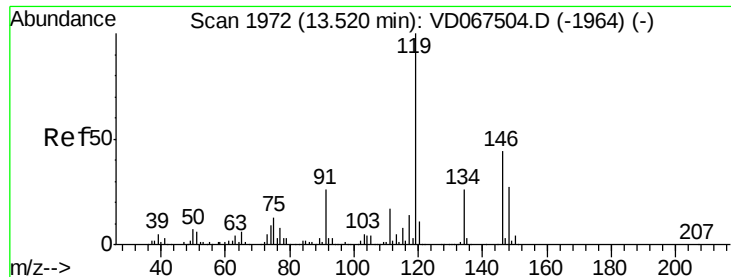
Tot Ion:105 Resp: 305017
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 22.512 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067512.D
 Acq: 04 Nov 2020 11:31

Tgt Ion:119 Resp: 296244
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.3
 91 23.5 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 22.440 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067512.D

Acq: 04 Nov 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

VD1104SBSD01

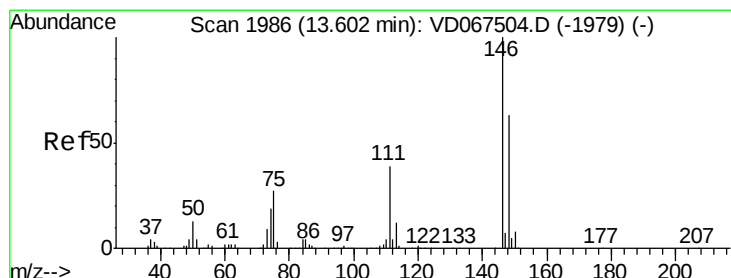
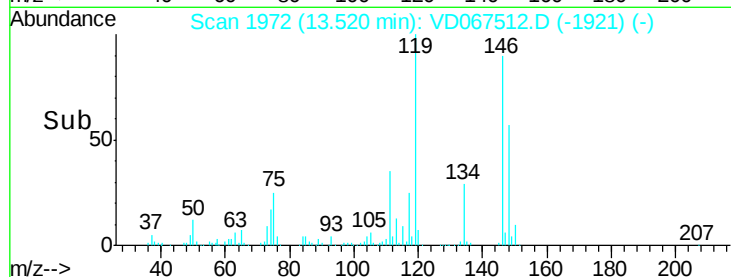
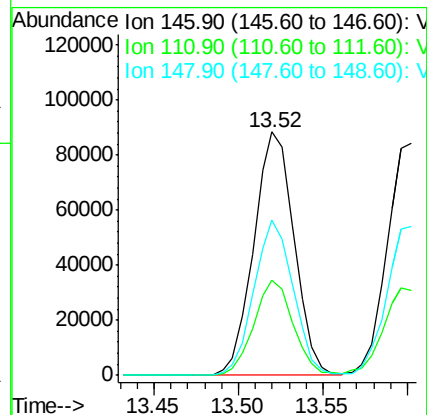
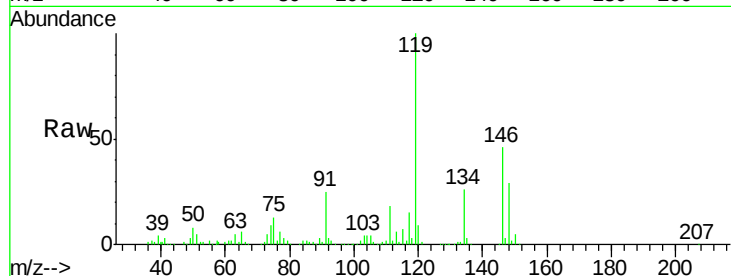
Tot Ion:146 Resp: 146623

Ion Ratio Lower Upper

146 100

111 38.4 20.3 60.8

148 61.9 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 21.372 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VD067512.D

Acq: 04 Nov 2020 11:31

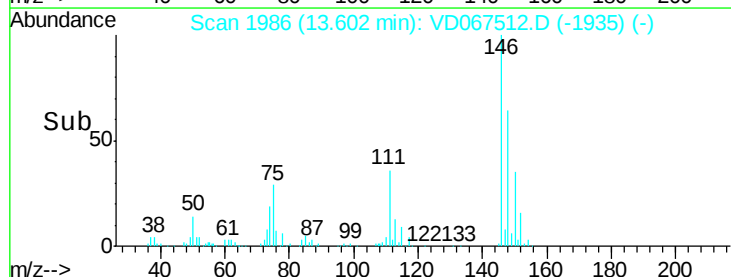
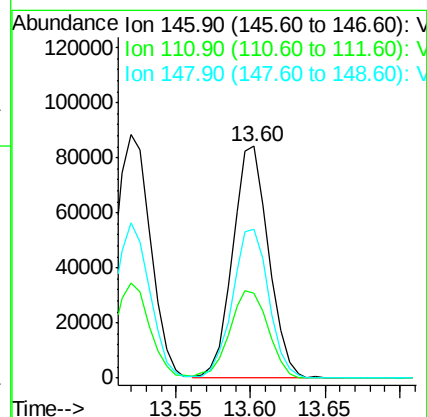
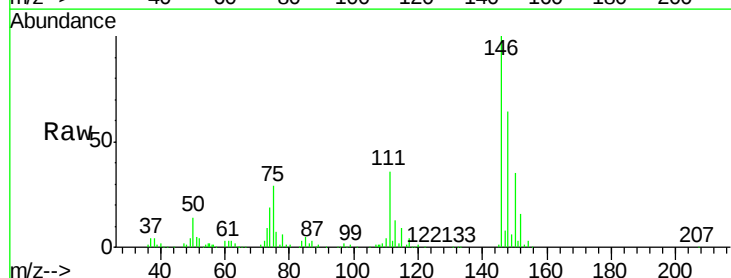
Tgt Ion:146 Resp: 141400

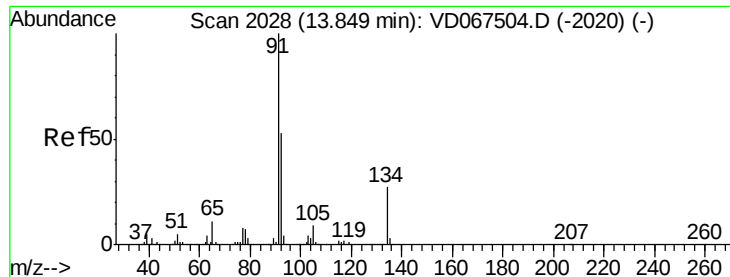
Ion Ratio Lower Upper

146 100

111 40.5 19.6 58.7

148 65.2 31.8 95.4

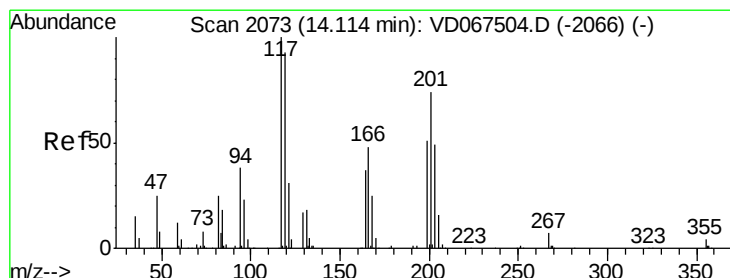
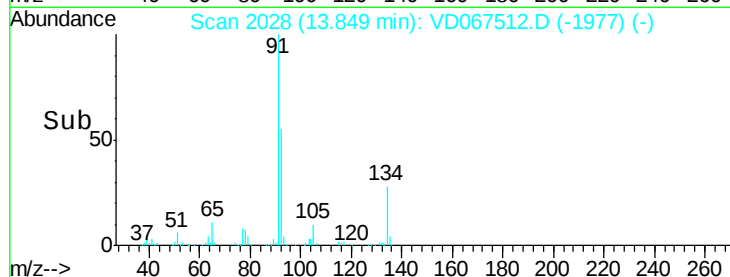
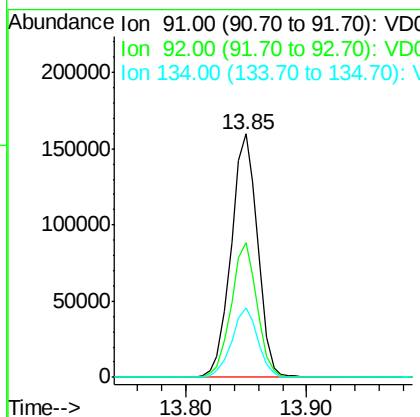
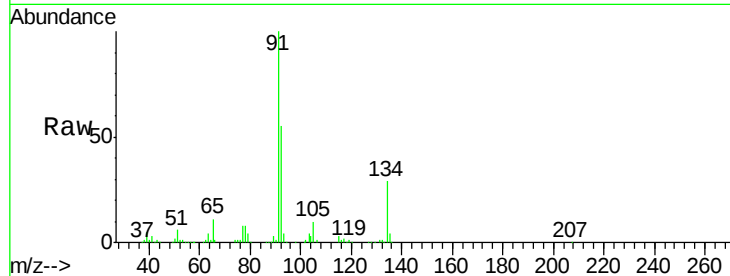




#89
n-Butylbenzene
Concen: 21.442 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067512.D
Acq: 04 Nov 2020 11:31

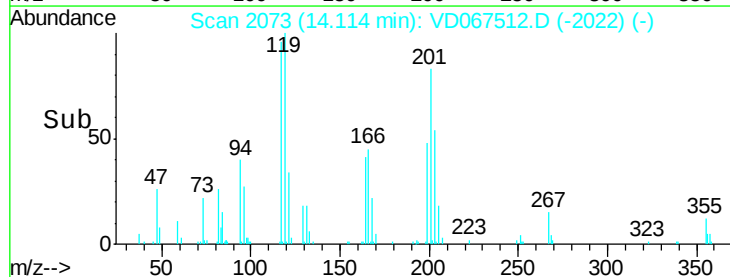
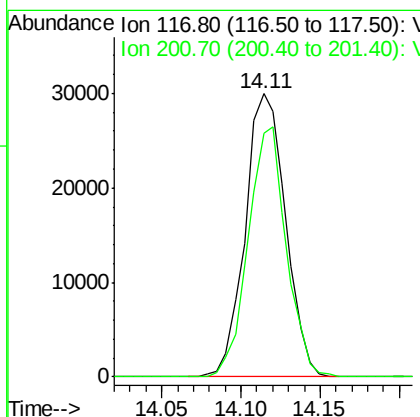
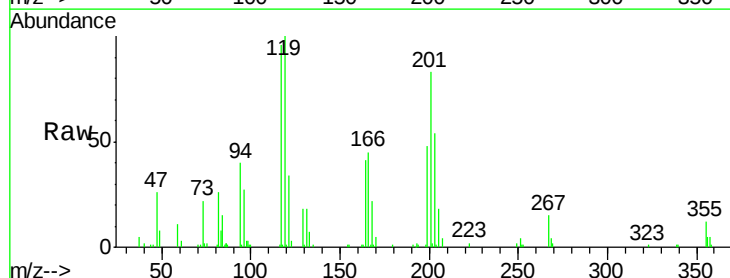
Instrument :
MSVOA_D
ClientSampleId :
VD1104SBS01

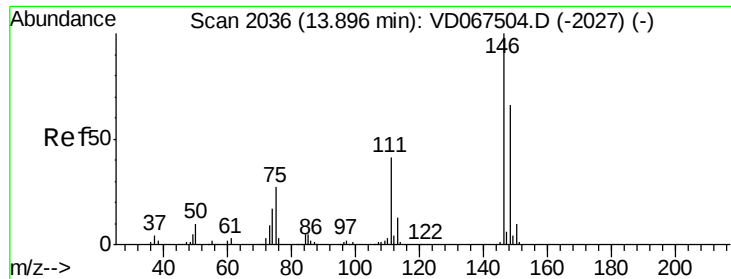
Tot Ion: 91 Resp: 243722
Ion Ratio Lower Upper
91 100
92 53.8 26.6 79.8
134 28.1 14.1 42.2



#90
Hexachloroethane
Concen: 21.416 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067512.D
Acq: 04 Nov 2020 11:31

Tgt Ion: 117 Resp: 53073
Ion Ratio Lower Upper
117 100
201 83.3 40.7 122.1





#91

1,2-Dichlorobenzene

Concen: 21.884 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.01 min

Lab File: VD067512.D

Acq: 04 Nov 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

VD1104SBS01

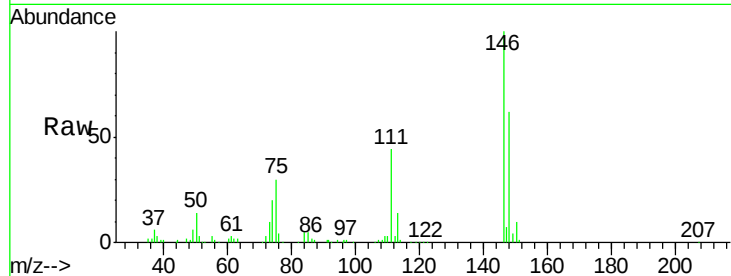
Tot Ion:146 Resp: 123753

Ion Ratio Lower Upper

146 100

111 41.3 20.7 62.1

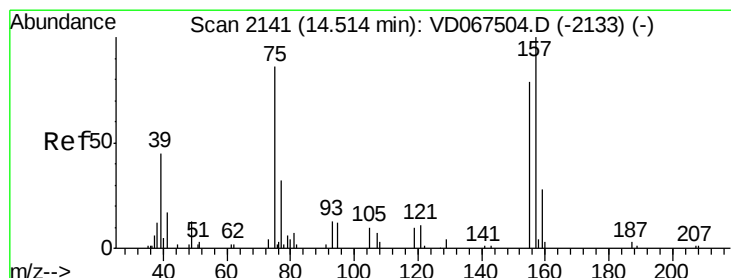
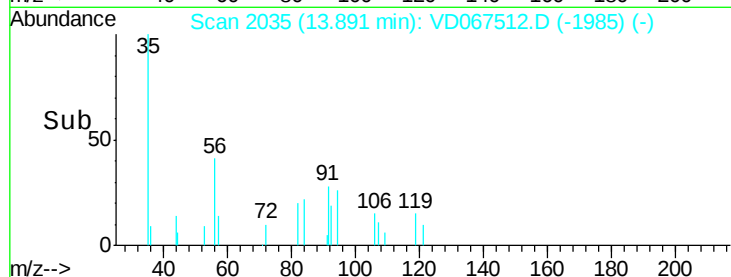
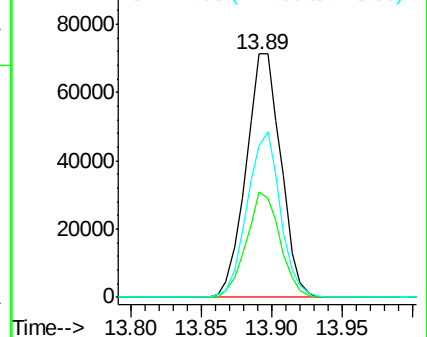
148 64.5 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.167 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.01 min

Lab File: VD067512.D

Acq: 04 Nov 2020 11:31

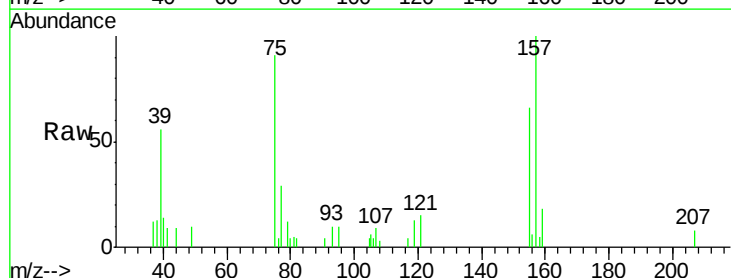
Tgt Ion: 75 Resp: 7799

Ion Ratio Lower Upper

75 100

155 81.6 46.6 139.8

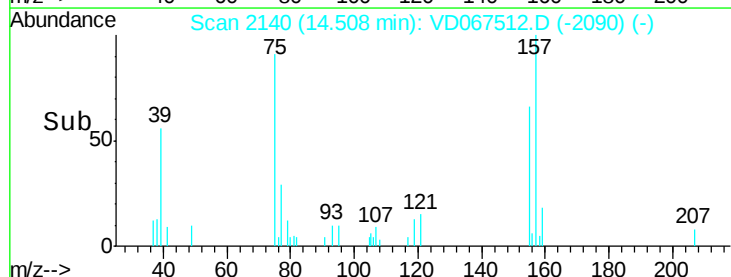
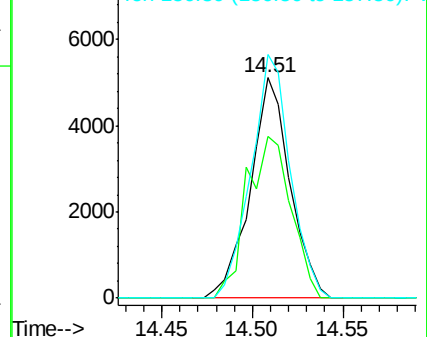
157 108.9 58.1 174.2

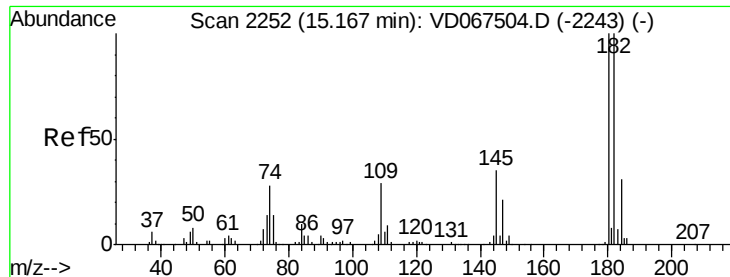


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

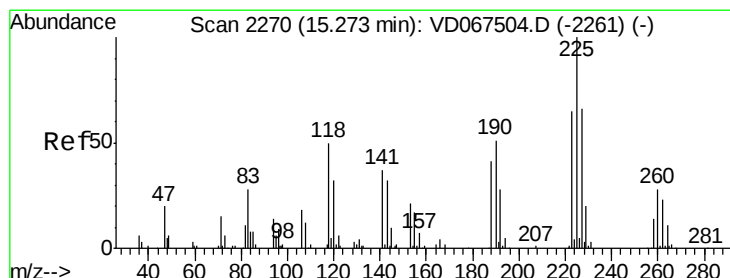
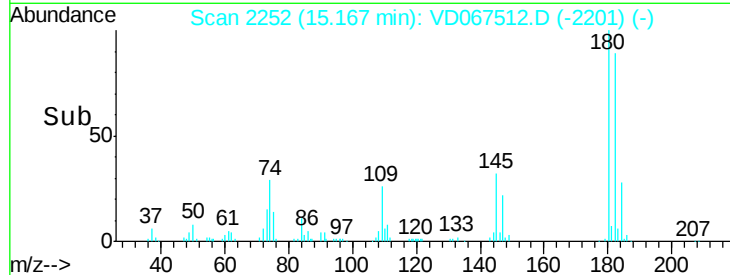
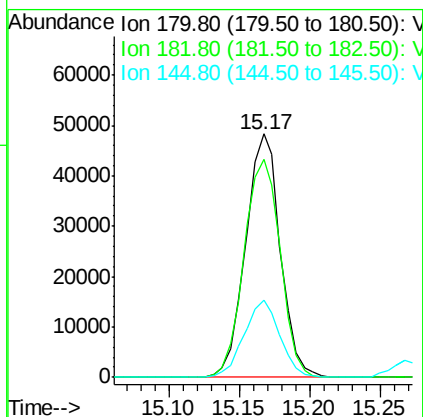
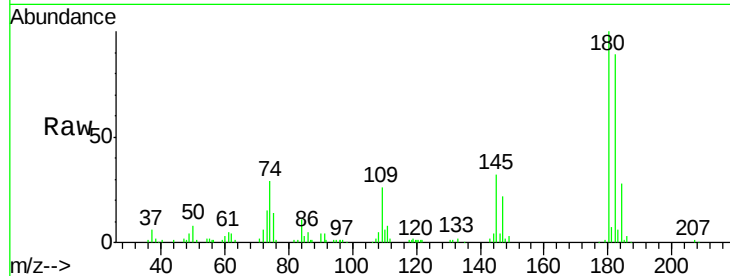




#93
 1,2,4-Trichlorobenzene
 Concen: 21.676 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD067512.D
 Acq: 04 Nov 2020 11:31

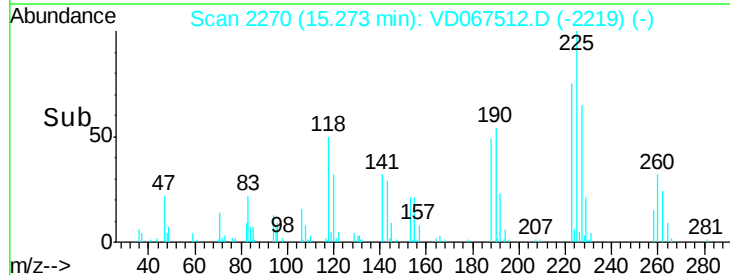
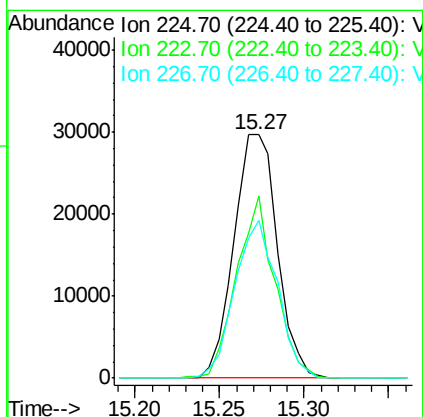
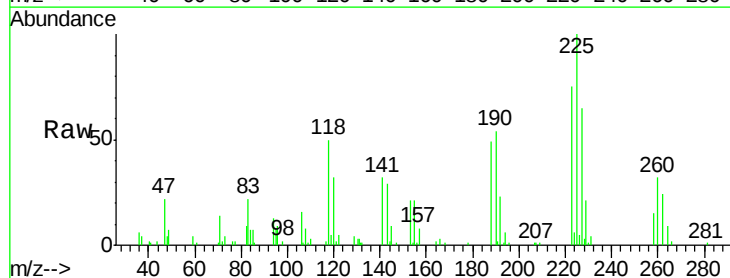
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1104SBS01

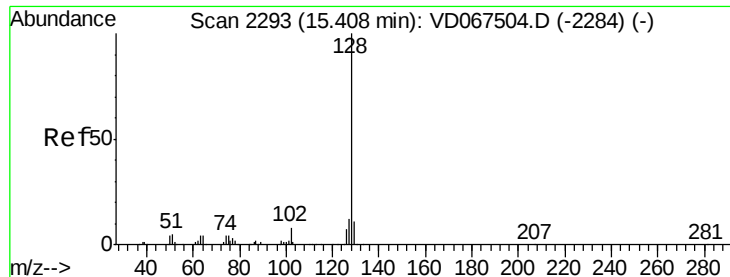
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.4	142.3
145	32.8	16.2	48.6



#94
 Hexachlorobutadiene
 Concen: 20.701 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067512.D
 Acq: 04 Nov 2020 11:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.3	31.9	95.5
227	63.4	32.5	97.4





#95

Naphthalene

Concen: 21.736 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD067512.D

Acq: 04 Nov 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

VD1104SBSD01

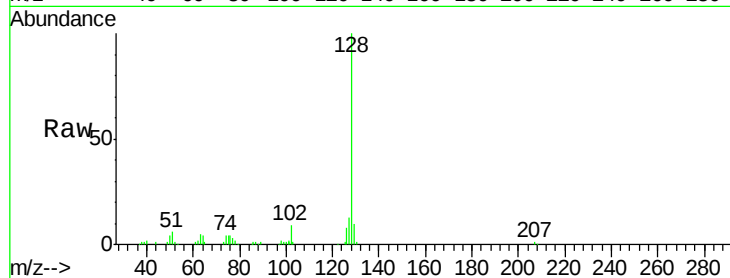
Tot Ion:128 Resp: 128744

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

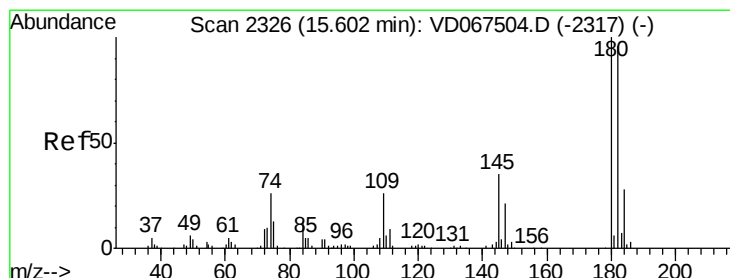
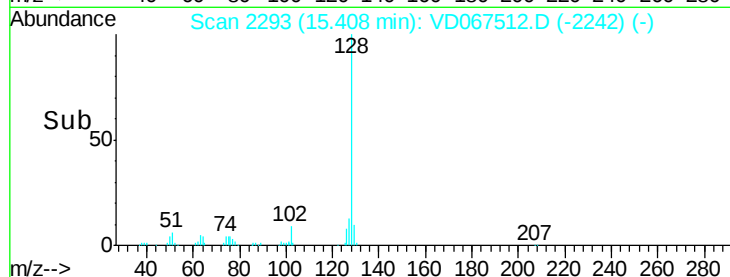
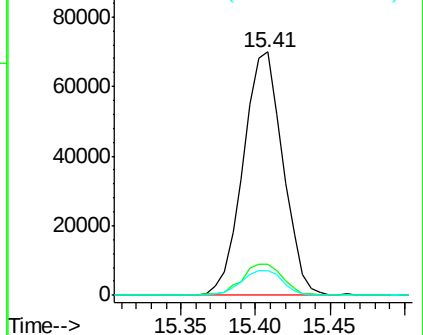
129 10.6 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.837 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VD067512.D

Acq: 04 Nov 2020 11:31

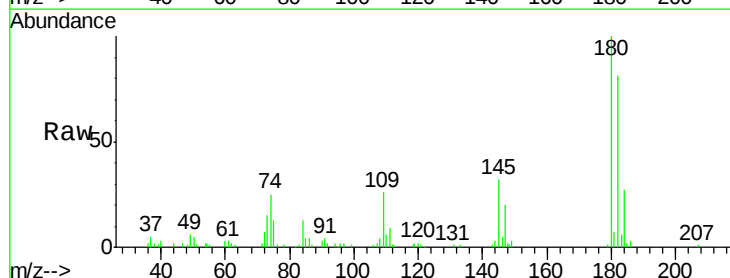
Tgt Ion:180 Resp: 71772

Ion Ratio Lower Upper

180 100

182 93.9 46.9 140.8

145 33.9 17.1 51.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

