

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
 Data File : VD067118.D
 Acq On : 06 Oct 2020 19:57
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 07 01:13:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	335226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	540868	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	500117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	249026	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	178259	55.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.42%	
35) Dibromofluoromethane	7.91	113	187642	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	
50) Toluene-d8	10.34	98	672450	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
62) 4-Bromofluorobenzene	12.63	95	237969	54.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	144115	53.776	ug/l	93
3) Chloromethane	2.21	50	115331	43.200	ug/l	97
4) Vinyl Chloride	2.35	62	115404	43.111	ug/l	92
5) Bromomethane	2.77	94	95964	56.150	ug/l	96
6) Chloroethane	2.92	64	77360	47.454	ug/l	98
7) Trichlorofluoromethane	3.27	101	280975	47.244	ug/l	95
8) Diethyl Ether	3.71	74	74528	50.534	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.10	101	156968	46.695	ug/l	99
10) Methyl Iodide	4.30	142	155348	47.561	ug/l	98
11) Tert butyl alcohol	5.22	59	47640	252.177	ug/l #	87
12) 1,1-Dichloroethene	4.07	96	146254	46.282	ug/l	98
13) Acrolein	3.93	56	51161	236.632	ug/l	97
14) Allyl chloride	4.71	41	192360	46.857	ug/l	96
15) Acrylonitrile	5.42	53	139878	257.698	ug/l	97
16) Acetone	4.16	43	117649	238.692	ug/l	90
17) Carbon Disulfide	4.41	76	449304	46.329	ug/l	99
18) Methyl Acetate	4.72	43	62602	50.534	ug/l	94
19) Methyl tert-butyl Ether	5.47	73	316266	54.824	ug/l	98
20) Methylene Chloride	4.97	84	193504	56.230	ug/l	91
21) trans-1,2-Dichloroethene	5.47	96	178834	49.727	ug/l	93
22) Diisopropyl ether	6.36	45	365157	48.722	ug/l	96
23) Vinyl Acetate	6.31	43	1084259	255.302	ug/l	99
24) 1,1-Dichloroethane	6.26	63	285408	49.344	ug/l	97
25) 2-Butanone	7.21	43	167618	239.864	ug/l	96
26) 2,2-Dichloropropane	7.21	77	247713	50.092	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	199684	51.990	ug/l	96
28) Bromochloromethane	7.55	49	116851	52.313	ug/l	89
29) Tetrahydrofuran	7.56	42	97579	242.850	ug/l	93
30) Chloroform	7.71	83	328897	52.419	ug/l	99
31) Cyclohexane	7.98	56	198878	41.013	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	297978	51.244	ug/l	97
36) 1,1-Dichloropropene	8.11	75	229473	45.517	ug/l	98
37) Ethyl Acetate	7.29	43	78337	44.853	ug/l	97
38) Carbon Tetrachloride	8.10	117	270364	49.564	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
 Data File : VD067118.D
 Acq On : 06 Oct 2020 19:57
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Oct 07 01:13:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	245502	46.060	ug/l	97
40) Benzene	8.35	78	674785	48.189	ug/l	97
41) Methacrylonitrile	7.52	41	40189	42.594	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	201240	51.430	ug/l	96
43) Isopropyl Acetate	8.45	43	151861	47.199	ug/l	96
44) Trichloroethene	9.11	130	212433	50.804	ug/l	97
45) 1,2-Dichloropropane	9.38	63	157526	47.878	ug/l	92
46) Dibromomethane	9.47	93	97455	51.535	ug/l	95
47) Bromodichloromethane	9.66	83	257012	52.285	ug/l	98
48) Methyl methacrylate	9.46	41	73067	44.328	ug/l #	74
49) 1,4-Dioxane	9.46	88	19249	975.308	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	388484	242.408	ug/l	97
52) Toluene	10.40	92	459088	50.895	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	224098	51.009	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	271551	50.619	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	137049	52.128	ug/l	97
56) Ethyl methacrylate	10.66	69	149124	54.938	ug/l	99
57) 1,3-Dichloropropane	10.94	76	220834	51.798	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	425579	281.694	ug/l	96
59) 2-Hexanone	10.98	43	264999	247.745	ug/l	96
60) Dibromochloromethane	11.14	129	191671	54.698	ug/l	98
61) 1,2-Dibromoethane	11.24	107	133627	52.904	ug/l	99
64) Tetrachloroethene	10.87	164	180032	49.516	ug/l	96
65) Chlorobenzene	11.67	112	504112	50.682	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	198513	52.467	ug/l	98
67) Ethyl Benzene	11.74	91	875782	51.388	ug/l	99
68) m/p-Xylenes	11.86	106	670483	100.949	ug/l	99
69) o-Xylene	12.18	106	312416	52.601	ug/l	97
70) Styrene	12.20	104	536771	52.630	ug/l	99
71) Bromoform	12.36	173	106894	54.427	ug/l #	98
73) Isopropylbenzene	12.48	105	846600	50.067	ug/l	100
74) N-amyl acetate	12.29	43	143792	47.304	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	137471	48.253	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	177333	81.754	ug/l #	100
77) Bromobenzene	12.76	156	210582	51.576	ug/l	94
78) n-propylbenzene	12.82	91	967718	48.425	ug/l	99
79) 2-Chlorotoluene	12.91	91	565017	49.417	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	718279	50.277	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	41038	47.168	ug/l	99
82) 4-Chlorotoluene	13.01	91	593103	48.756	ug/l	99
83) tert-Butylbenzene	13.23	119	600119	49.883	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	727712	51.042	ug/l	98
85) sec-Butylbenzene	13.40	105	824110	48.643	ug/l	100
86) p-Isopropyltoluene	13.52	119	769102	48.966	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	389144	48.931	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	386406	48.592	ug/l	98
89) n-Butylbenzene	13.85	91	683330	47.603	ug/l	99
90) Hexachloroethane	14.11	117	131227	47.696	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	341575	49.179	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	21770	47.404	ug/l	92

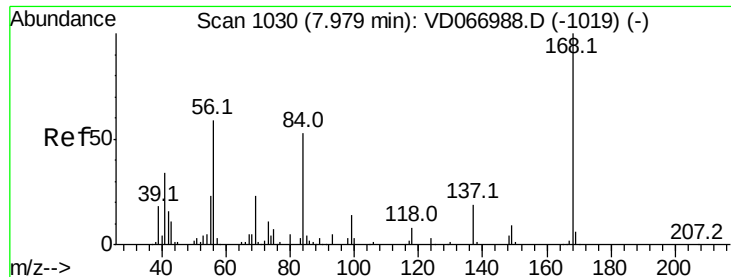
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
Data File : VD067118.D
Acq On : 06 Oct 2020 19:57
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 07 01:13:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	230931	51.403	ug/l	99
94) Hexachlorobutadiene	15.28	225	134950	48.911	ug/l	98
95) Naphthalene	15.41	128	411123	54.864	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	209566	53.735	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Instrument :

MSVOA_D

ClientSampleId :

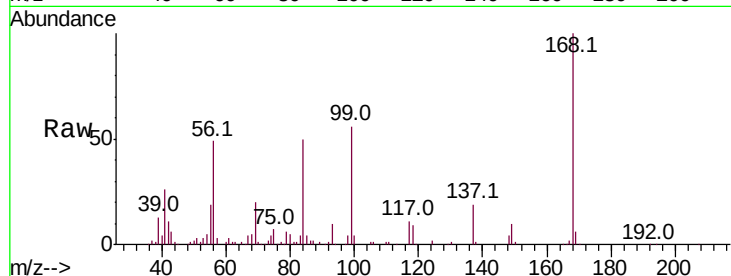
VSTDCCC050EC

Tot Ion:168 Resp: 335226

Ion Ratio Lower Upper

168 100

99 56.1 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

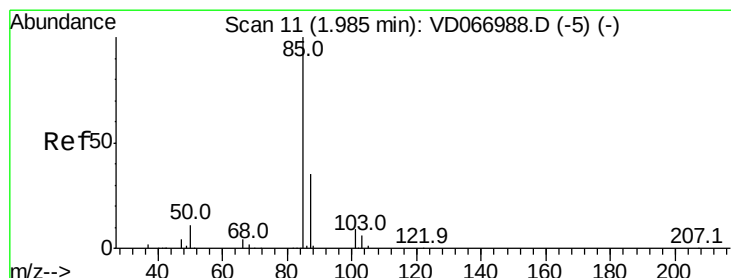
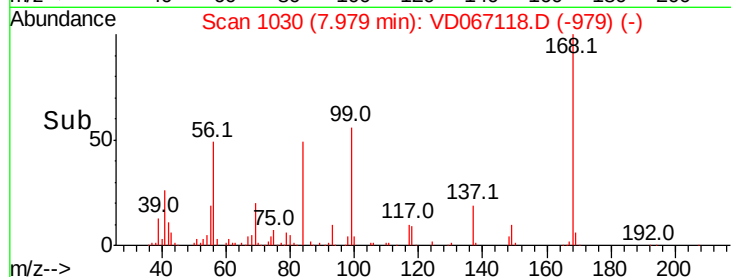
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 53.776 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067118.D

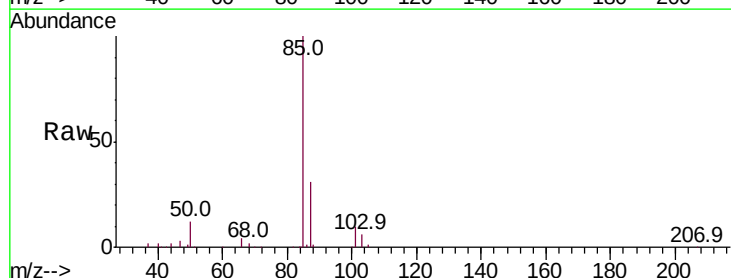
Acq: 06 Oct 2020 19:57

Tgt Ion: 85 Resp: 144115

Ion Ratio Lower Upper

85 100

87 30.9 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

120000

100000

80000

60000

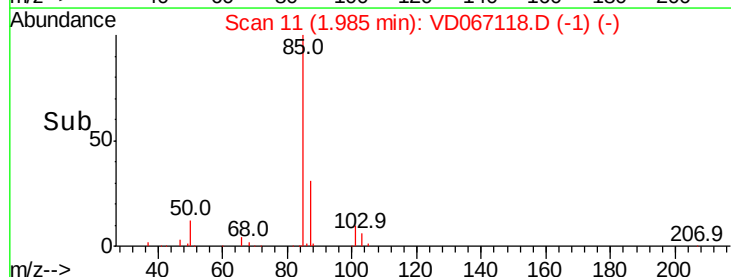
40000

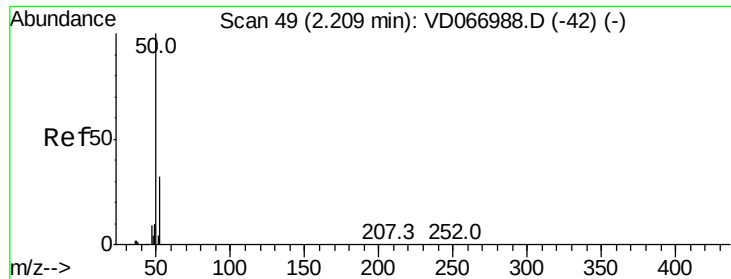
20000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 43.200 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Instrument :

MSVOA_D

ClientSampleId :

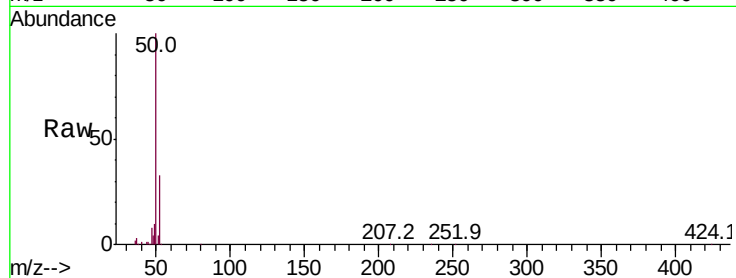
VSTDCCC050EC

Tot Ion: 50 Resp: 115331

Ion Ratio Lower Upper

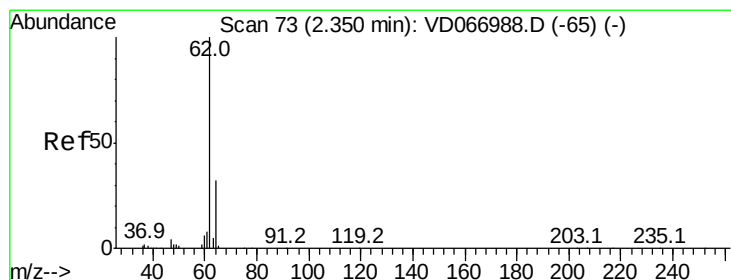
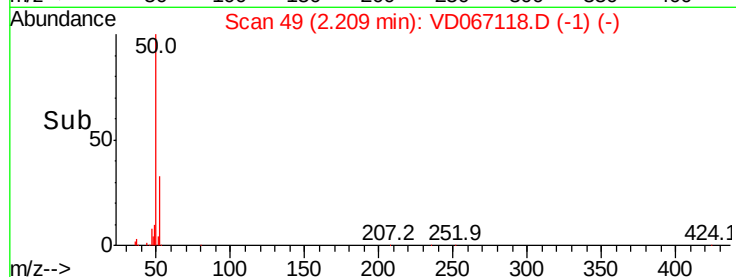
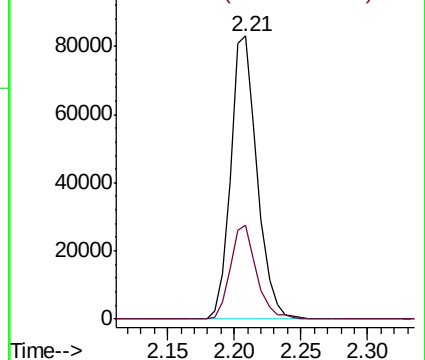
50 100

52 33.1 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 43.111 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067118.D

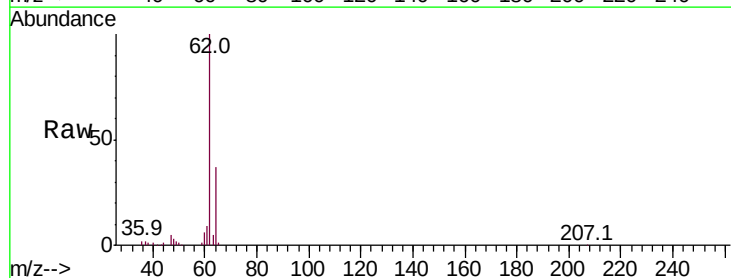
Acq: 06 Oct 2020 19:57

Tgt Ion: 62 Resp: 115404

Ion Ratio Lower Upper

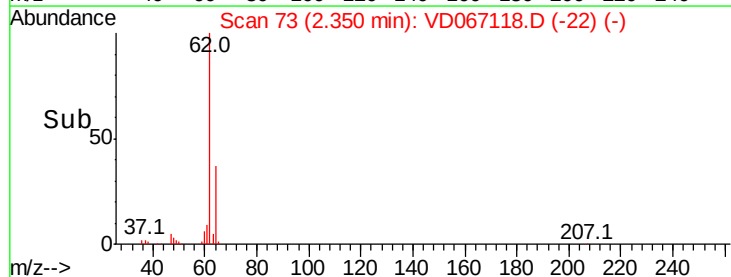
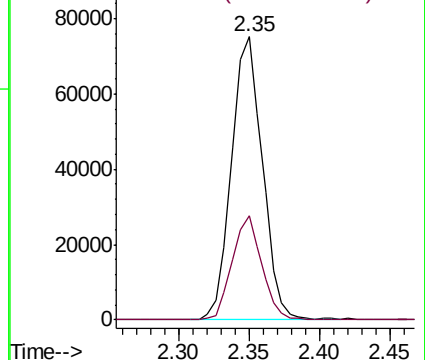
62 100

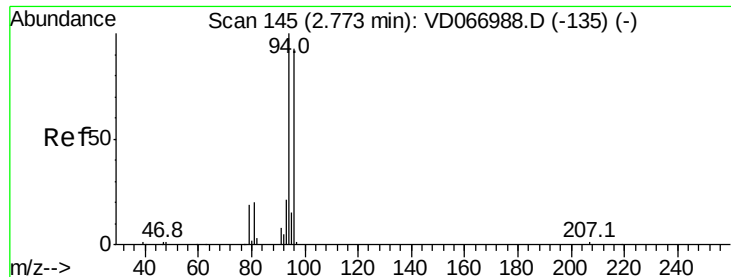
64 36.7 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 56.150 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Instrument :

MSVOA_D

ClientSampleId :

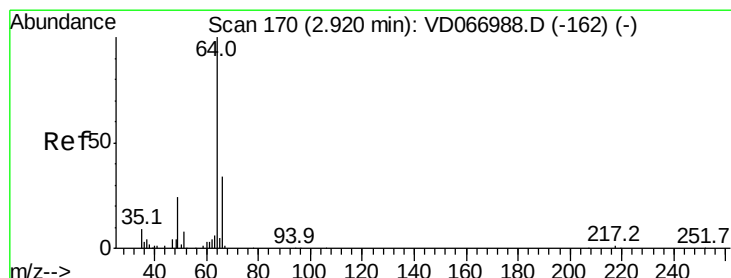
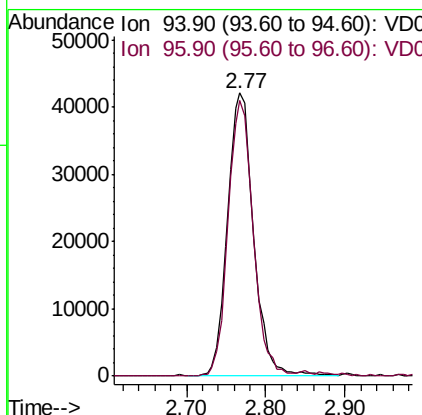
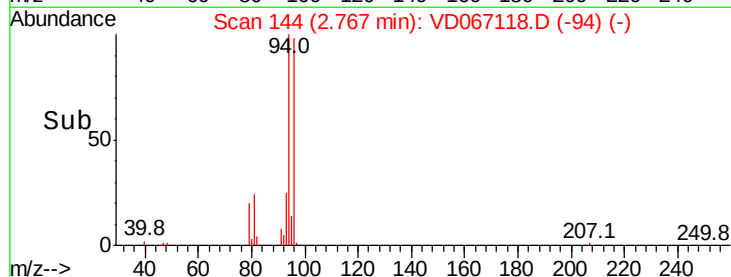
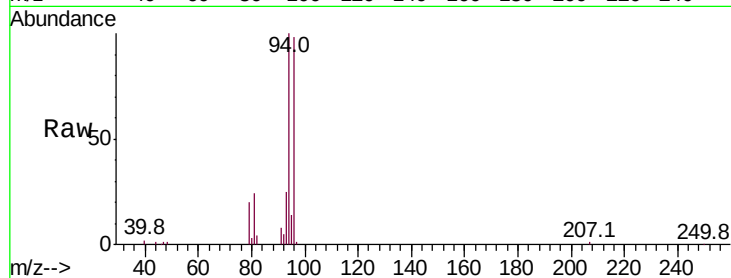
VSTDCCC050EC

Tot Ion: 94 Resp: 95964

Ion Ratio Lower Upper

94 100

96 97.6 74.6 112.0



#6

Chloroethane

Concen: 47.454 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067118.D

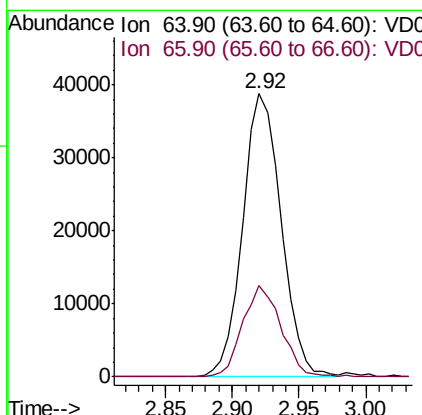
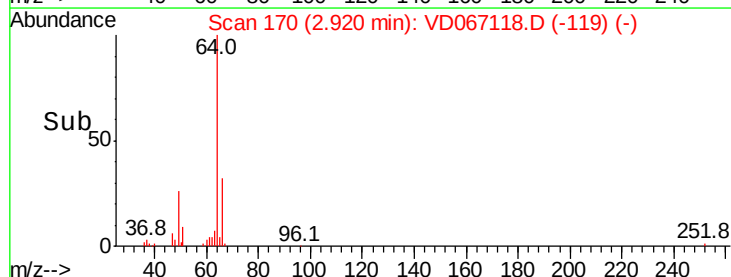
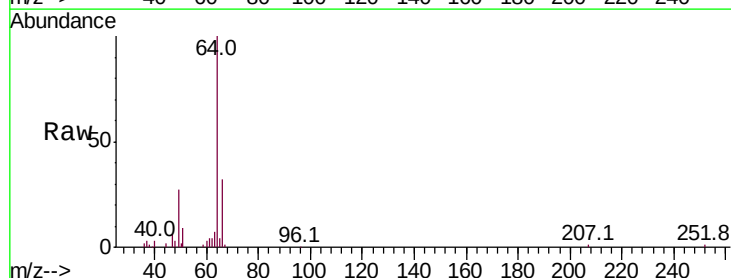
Acq: 06 Oct 2020 19:57

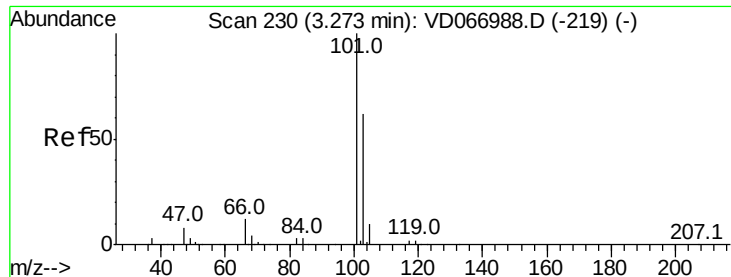
Tgt Ion: 64 Resp: 77360

Ion Ratio Lower Upper

64 100

66 32.5 27.0 40.6



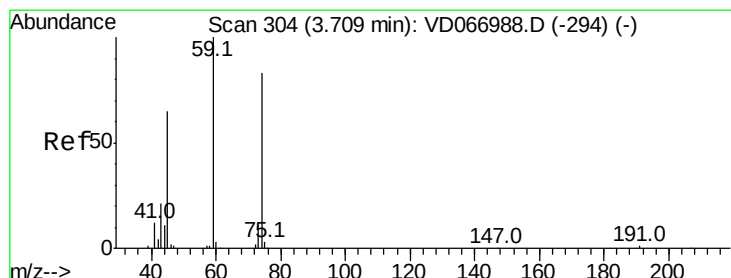
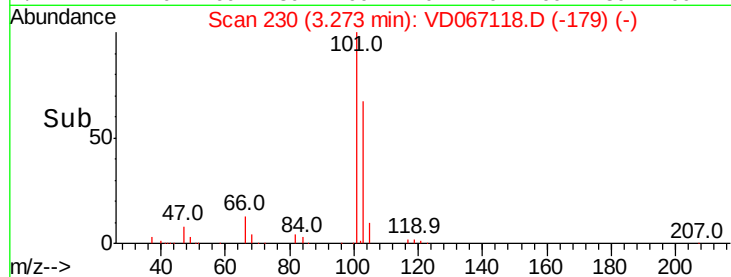
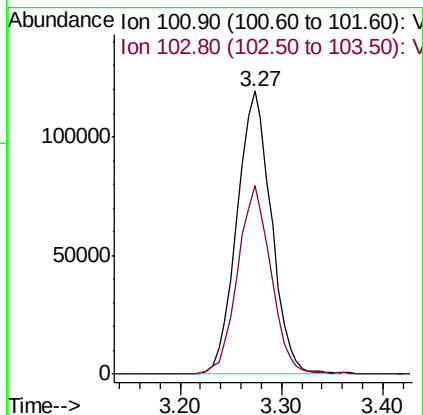
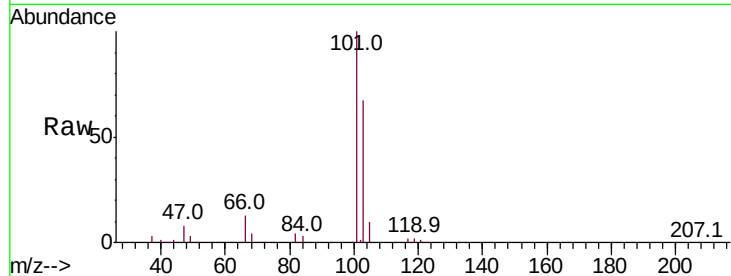


#7

Trichlorofluoromethane
 Concen: 47.244 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

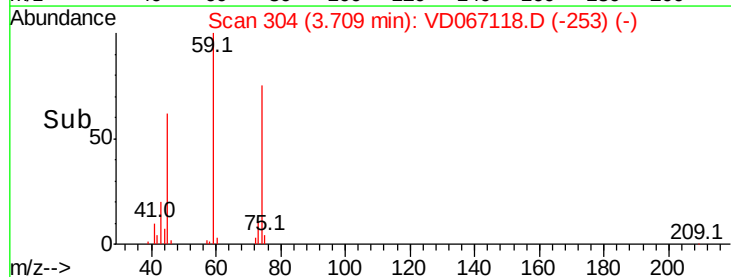
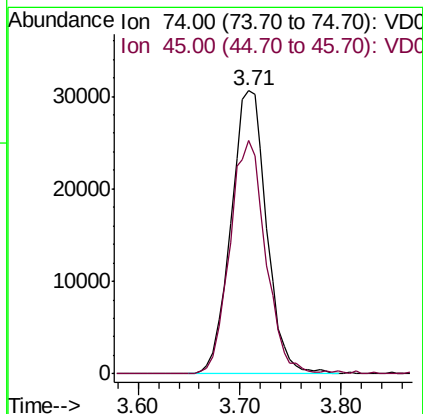
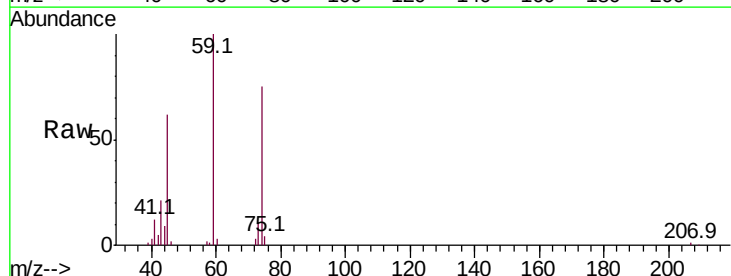
Tot Ion:101 Resp: 280975
 Ion Ratio Lower Upper
 101 100
 103 66.5 49.8 74.8

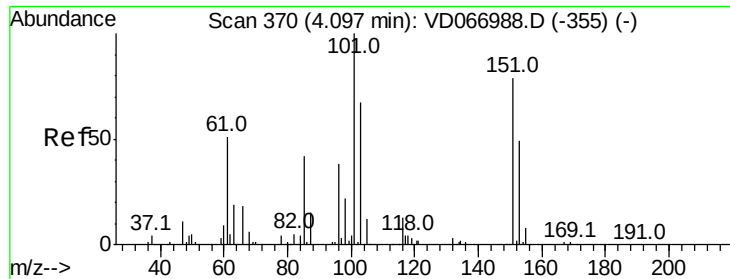


#8

Diethyl Ether
 Concen: 50.534 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

Tgt Ion: 74 Resp: 74528
 Ion Ratio Lower Upper
 74 100
 45 82.9 43.1 129.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.695 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

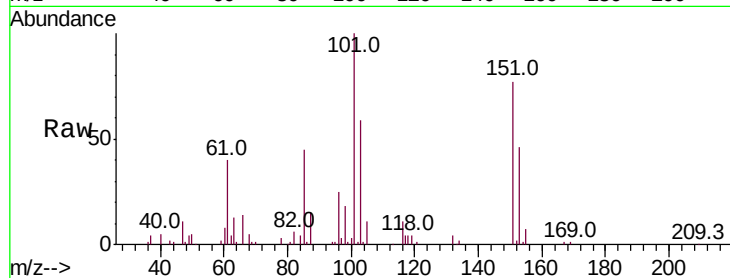
Tot Ion:101 Resp: 156968

Ion Ratio Lower Upper

101 100

85 43.1 33.8 50.8

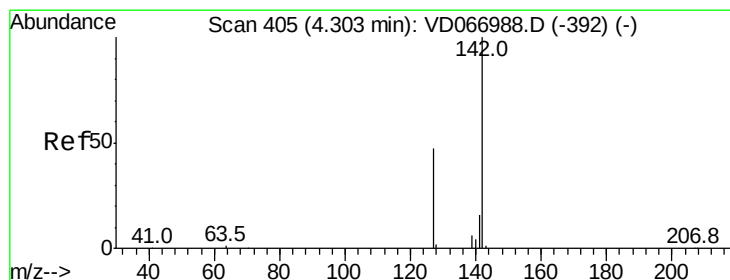
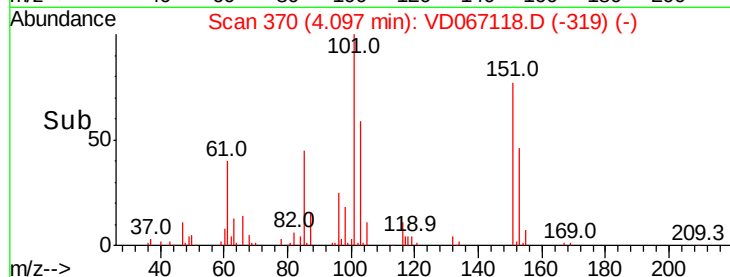
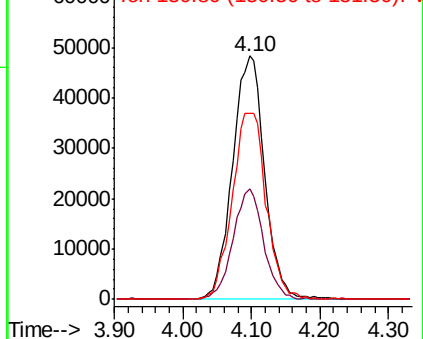
151 81.0 63.8 95.8



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: 47.561 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

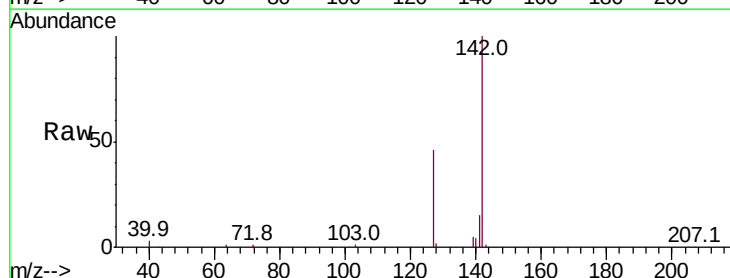
Tgt Ion:142 Resp: 155348

Ion Ratio Lower Upper

142 100

127 47.0 36.3 54.5

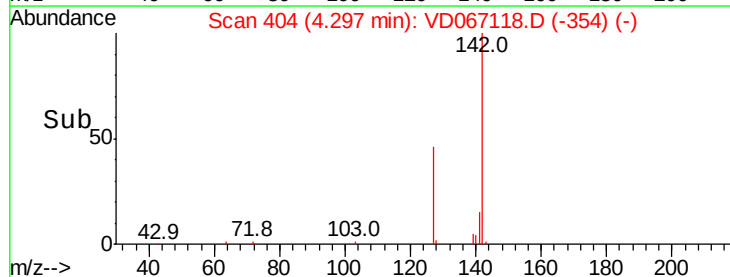
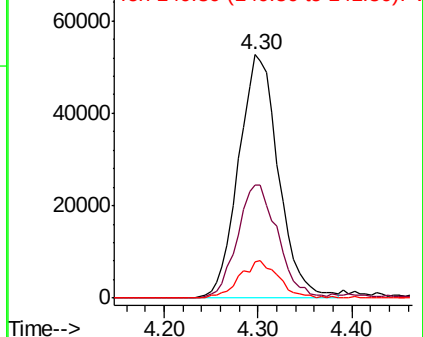
141 15.1 12.0 18.0

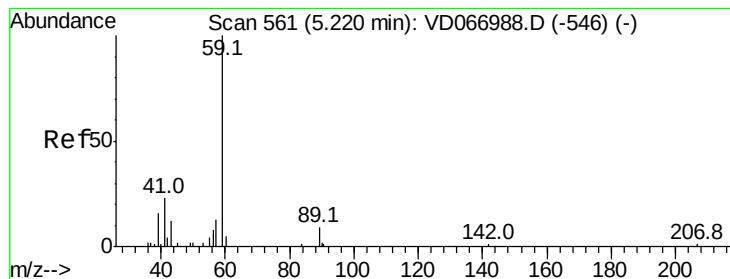


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



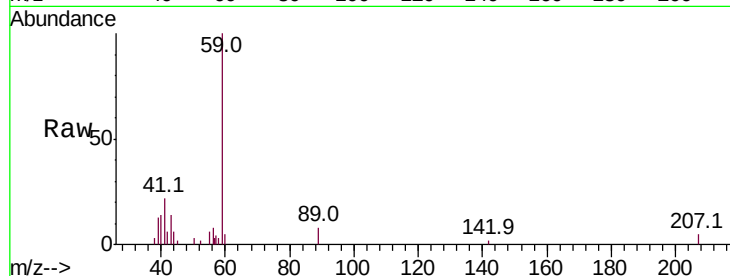


#11

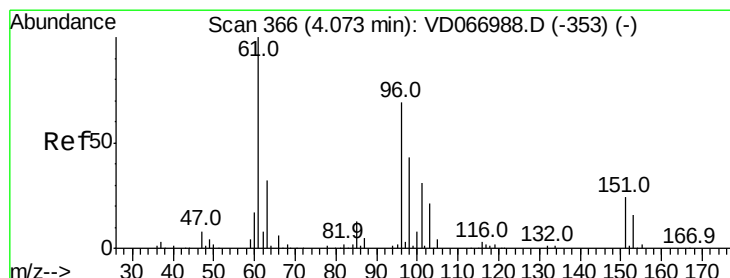
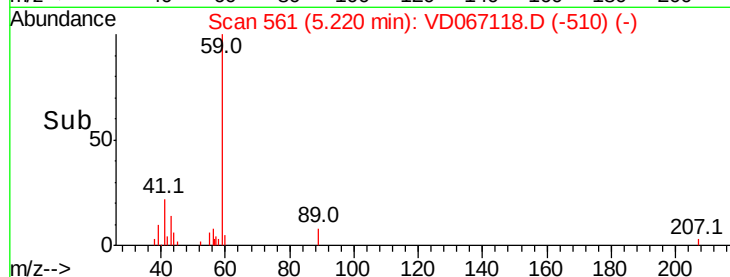
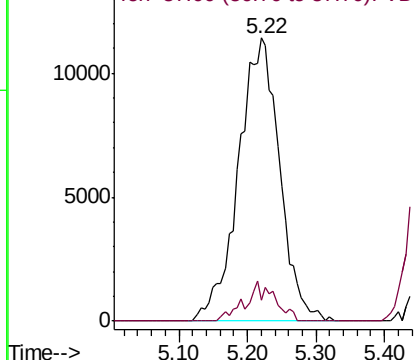
Tert butyl alcohol
 Concen: 252.177 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 59 Resp: 47640
 Ion Ratio Lower Upper
 59 100
 57 5.6 8.2 12.4#



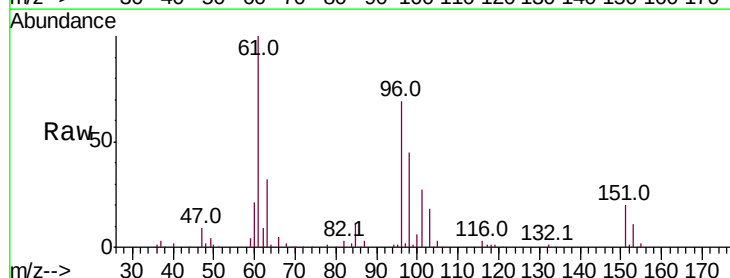
Abundance Ion 59.00 (58.70 to 59.70): VDC
 Ion 57.00 (56.70 to 57.70): VDC



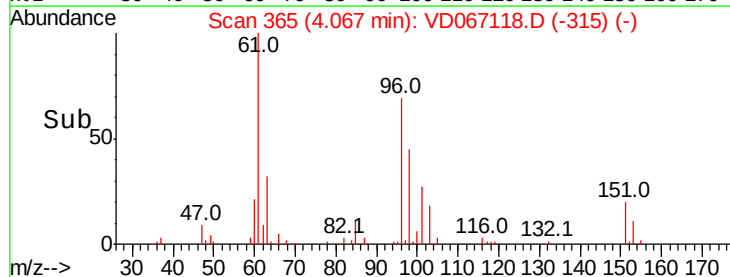
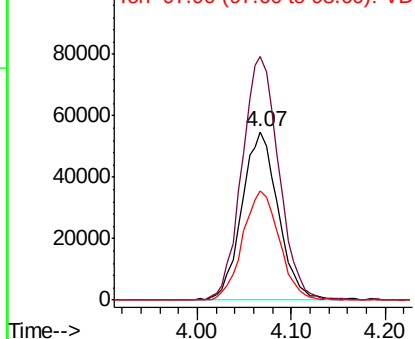
#12

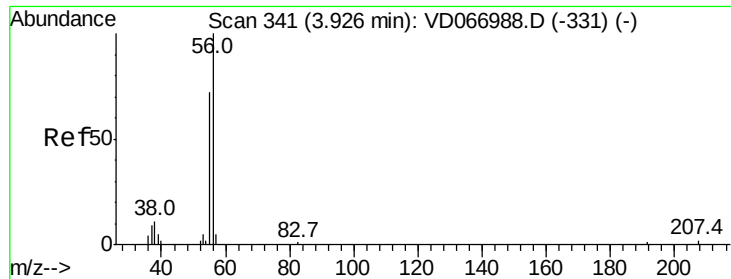
1,1-Dichloroethene
 Concen: 46.282 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

Tgt Ion: 96 Resp: 146254
 Ion Ratio Lower Upper
 96 100
 61 144.3 116.4 174.6
 98 64.8 49.9 74.9



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

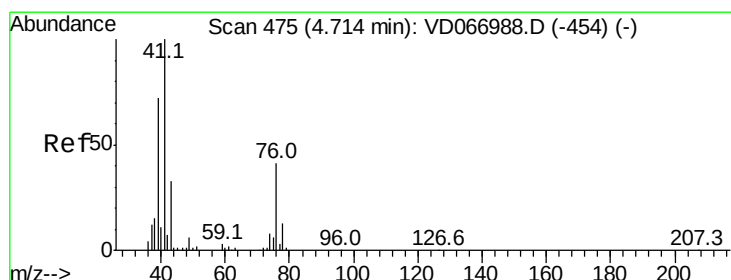
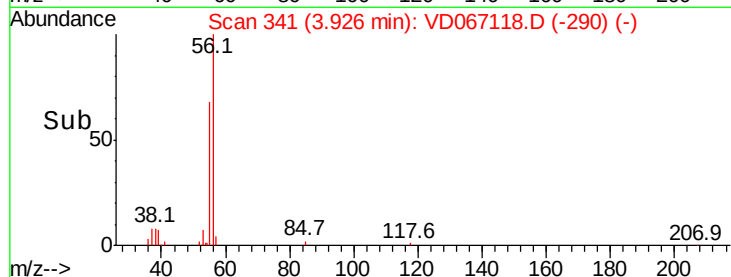
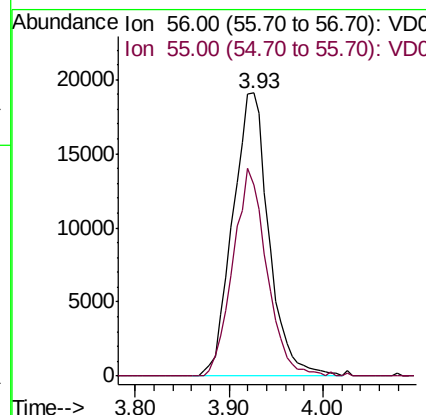
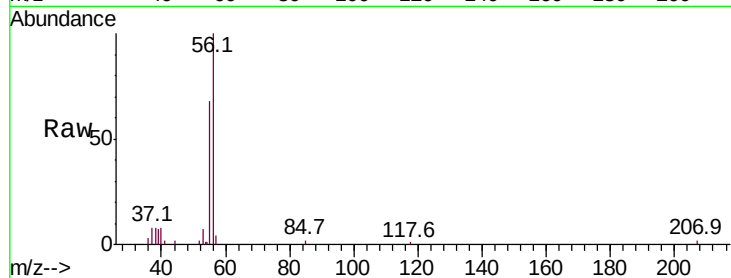




#13
Acrolein
Concen: 236.632 ug/l
RT: 3.93 min Scan# 341
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

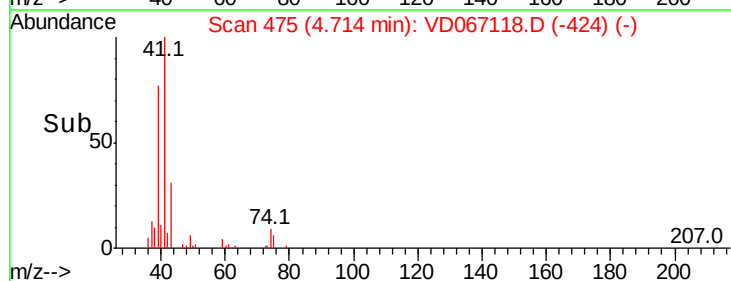
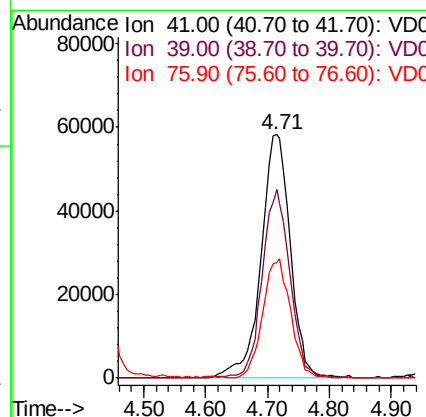
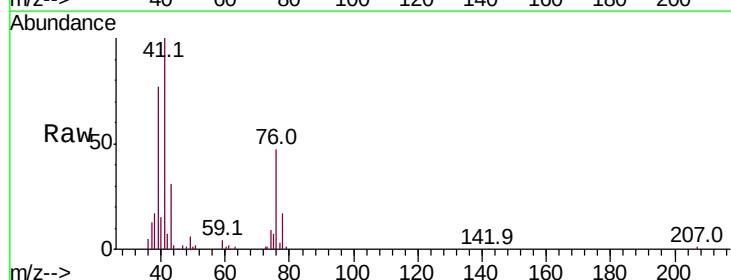
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

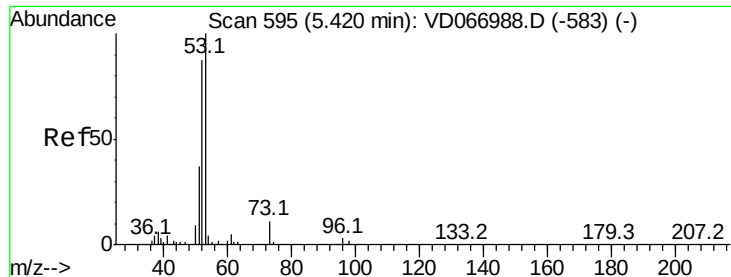
Tot Ion: 56 Resp: 51161
Ion Ratio Lower Upper
56 100
55 68.3 56.9 85.3



#14
Allyl chloride
Concen: 46.857 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Tgt Ion: 41 Resp: 192360
Ion Ratio Lower Upper
41 100
39 73.0 56.2 84.2
76 46.6 34.2 51.2





#15

Acrylonitrile

Concen: 257.698 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

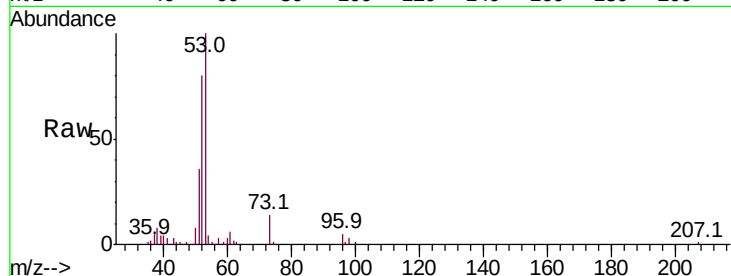
Tot Ion: 53 Resp: 139878

Ion Ratio Lower Upper

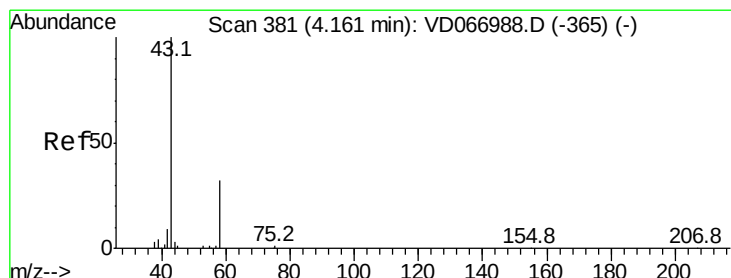
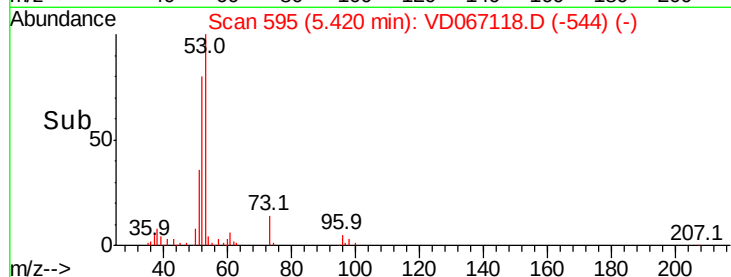
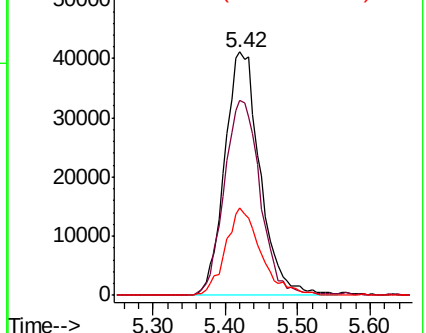
53 100

52 80.9 67.3 100.9

51 35.8 30.2 45.2



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: 238.692 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD067118.D

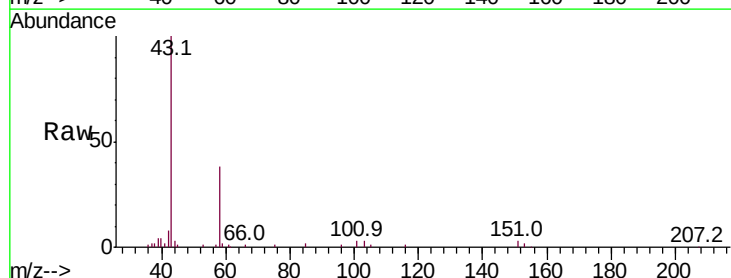
Acq: 06 Oct 2020 19:57

Tgt Ion: 43 Resp: 117649

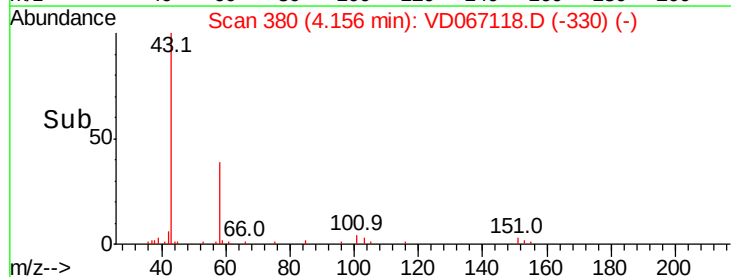
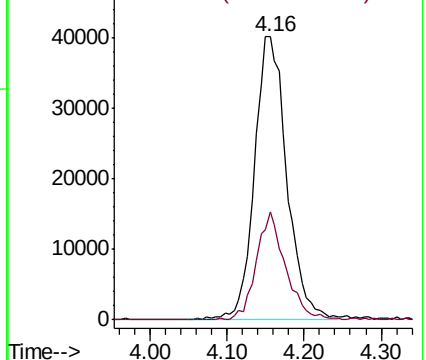
Ion Ratio Lower Upper

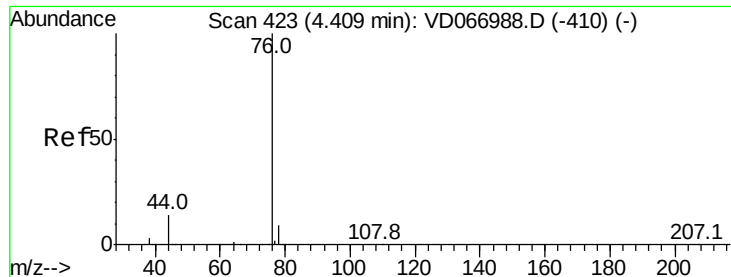
43 100

58 38.1 25.9 38.9



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





#17

Carbon Disulfide

Concen: 46.329 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Instrument :

MSVOA_D

ClientSampleId :

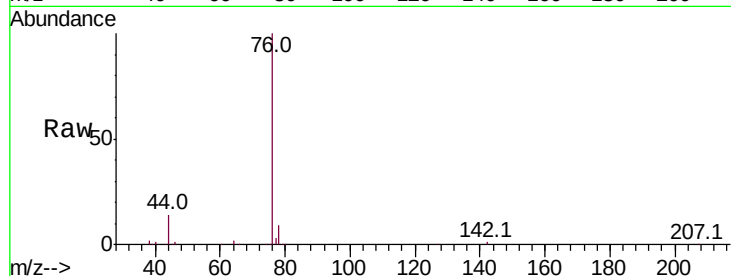
VSTDCCC050EC

Tot Ion: 76 Resp: 449304

Ion Ratio Lower Upper

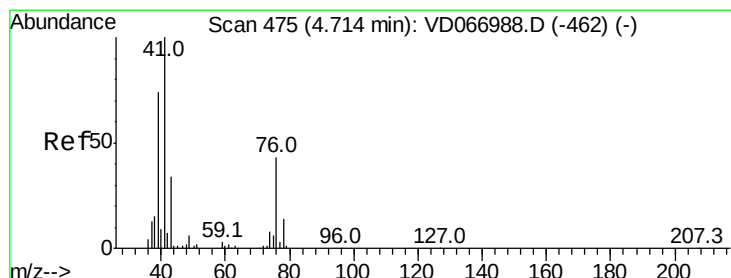
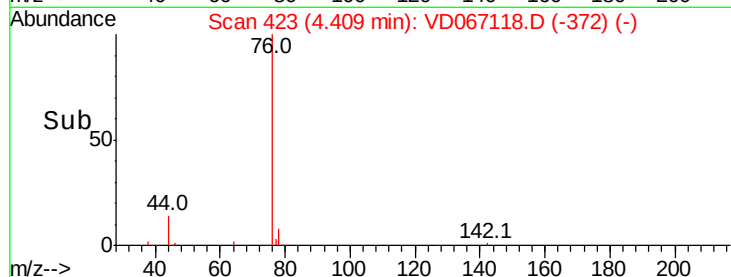
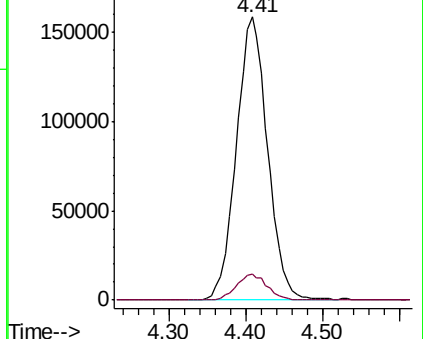
76 100

78 9.1 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 50.534 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067118.D

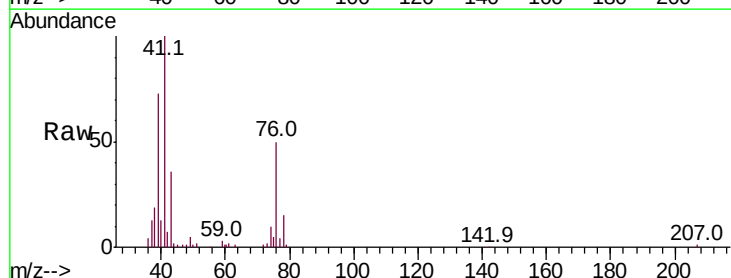
Acq: 06 Oct 2020 19:57

Tgt Ion: 43 Resp: 62602

Ion Ratio Lower Upper

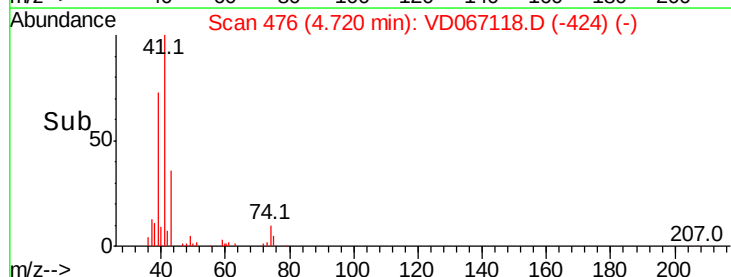
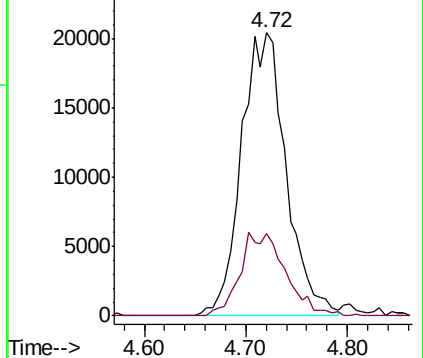
43 100

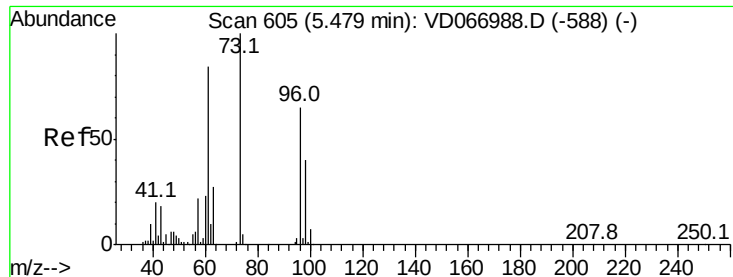
74 29.8 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



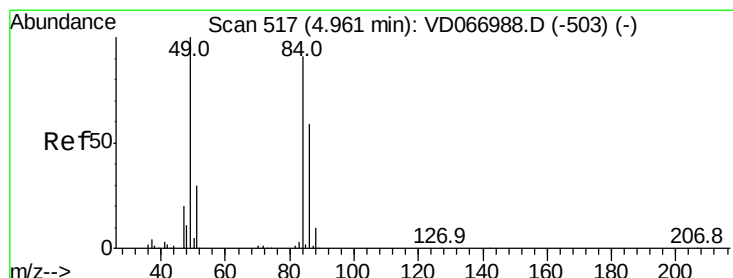
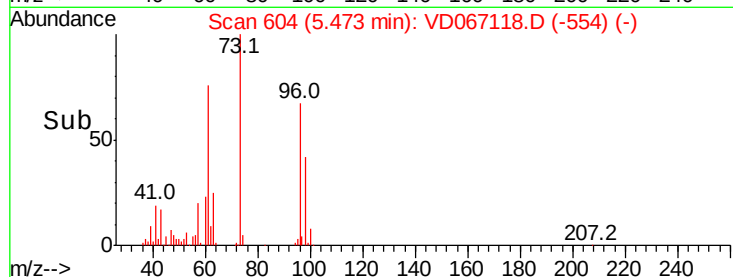
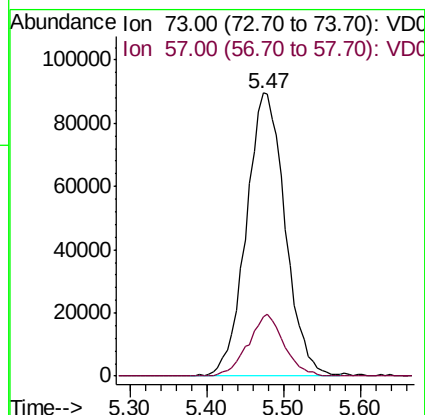
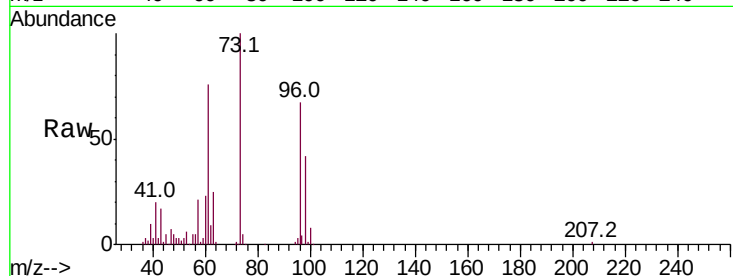


#19

Methyl tert-butyl Ether
 Concen: 54.824 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

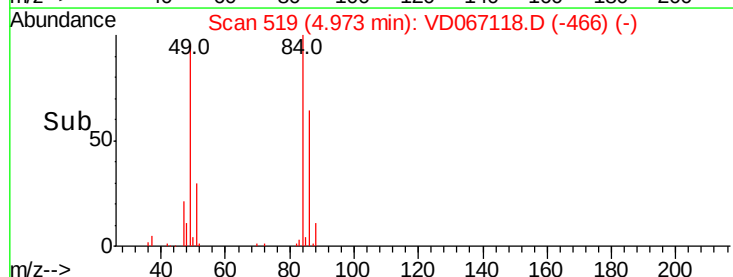
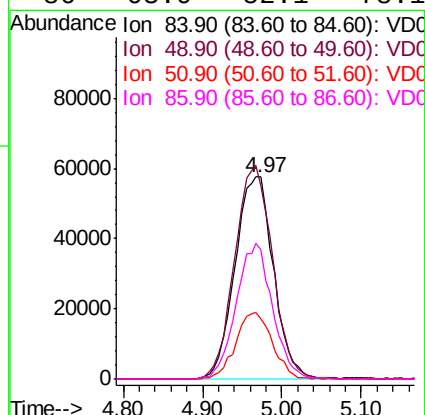
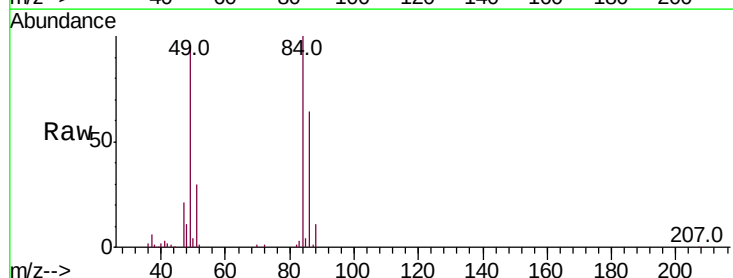
Tot Ion: 73 Resp: 316266
 Ion Ratio Lower Upper
 73 100
 57 21.0 17.4 26.0

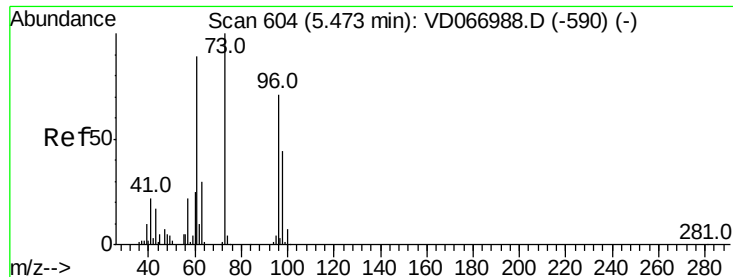


#20

Methylene Chloride
 Concen: 56.230 ug/l
 RT: 4.97 min Scan# 519
 Delta R.T. 0.01 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

Tgt Ion: 84 Resp: 193504
 Ion Ratio Lower Upper
 84 100
 49 95.7 88.2 132.2
 51 29.9 26.6 39.8
 86 63.9 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 49.727 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

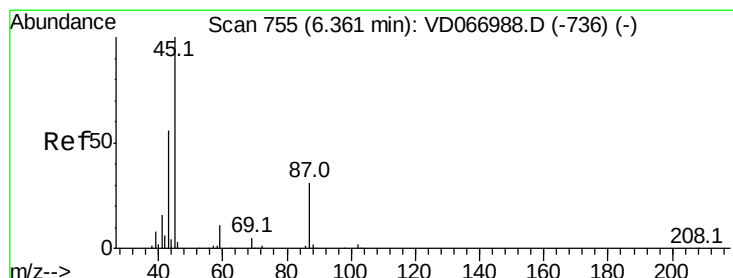
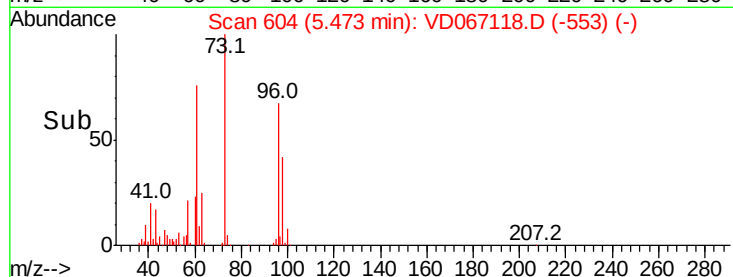
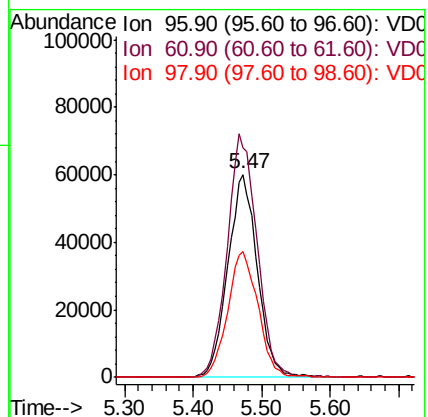
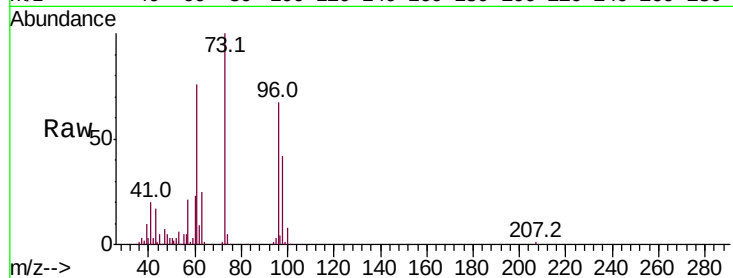
Tot Ion: 96 Resp: 178834

Ion Ratio Lower Upper

96 100

61 113.0 99.6 149.4

98 62.0 49.4 74.2



#22

Diisopropyl ether

Concen: 48.722 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Tgt Ion: 45 Resp: 365157

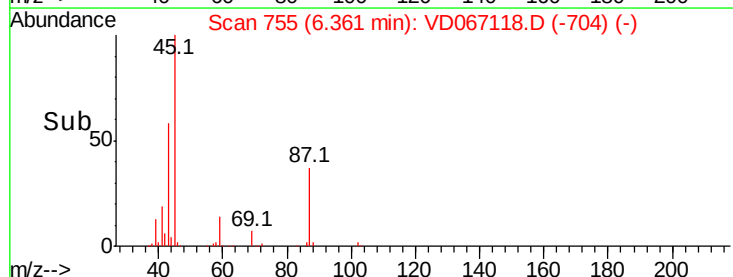
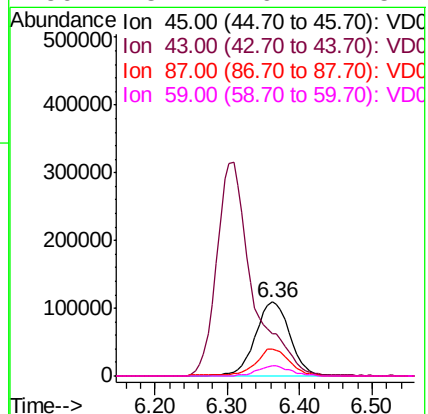
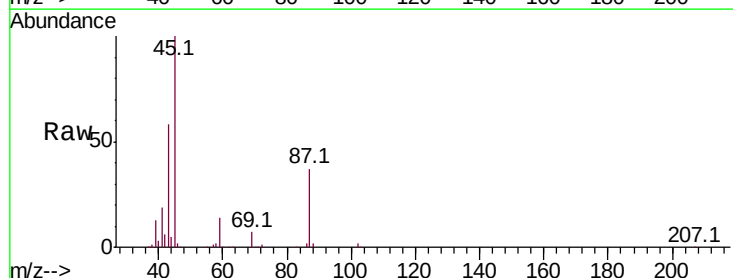
Ion Ratio Lower Upper

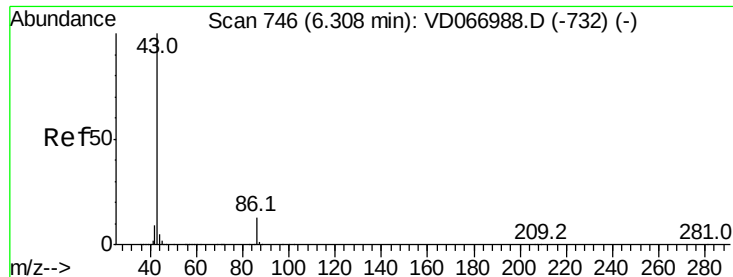
45 100

43 56.2 45.2 67.8

87 36.9 25.6 38.4

59 13.4 9.1 13.7





#23

Vinyl Acetate

Concen: 255.302 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Instrument :

MSVOA_D

ClientSampleId :

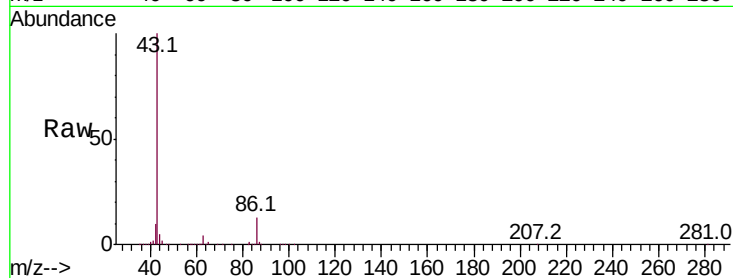
VSTDCCC050EC

Tot Ion: 43 Resp: 1084259

Ion Ratio Lower Upper

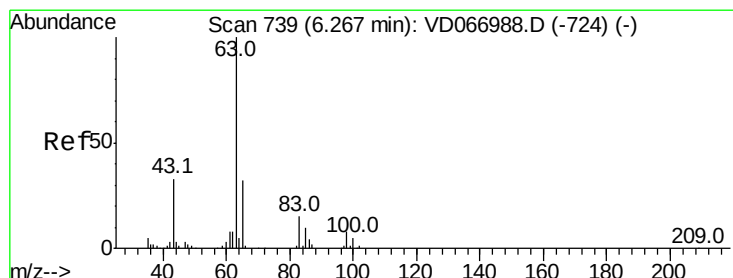
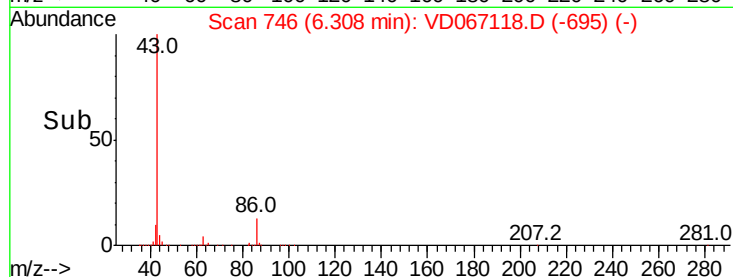
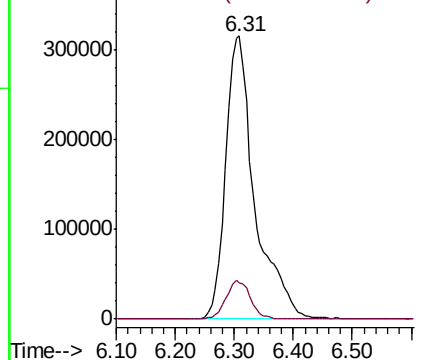
43 100

86 13.0 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 49.344 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

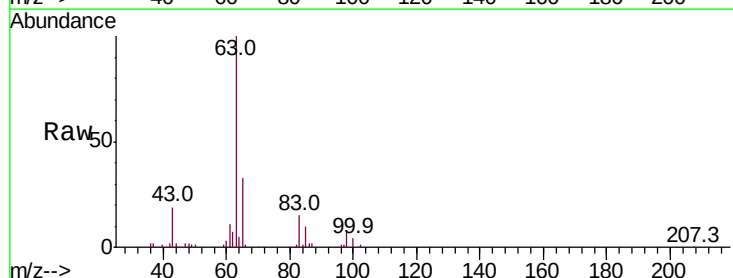
Tgt Ion: 63 Resp: 285408

Ion Ratio Lower Upper

63 100

98 7.6 4.2 12.6

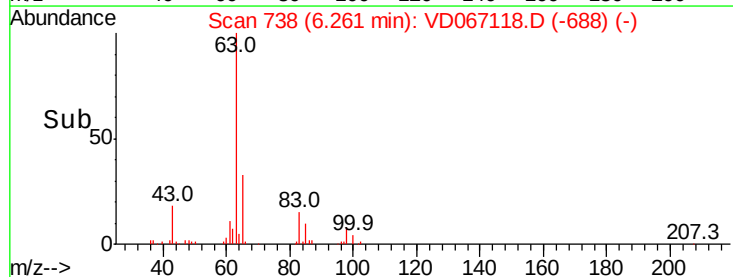
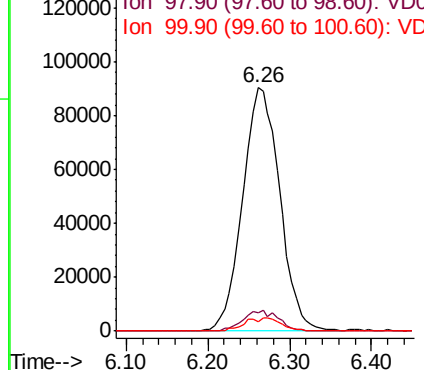
100 3.6 2.6 7.8

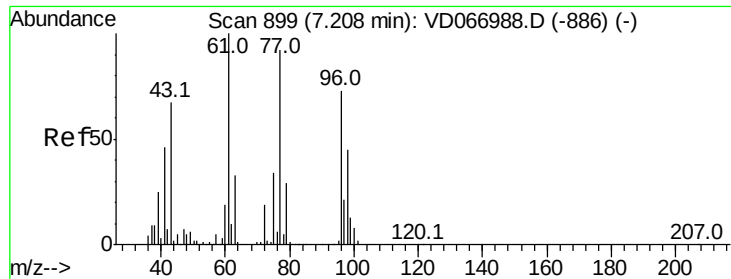


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 239.864 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Instrument :

MSVOA_D

ClientSampleId :

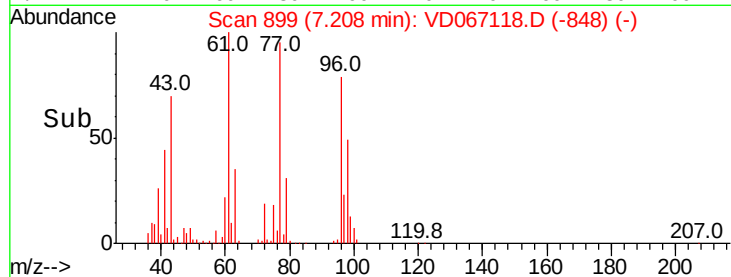
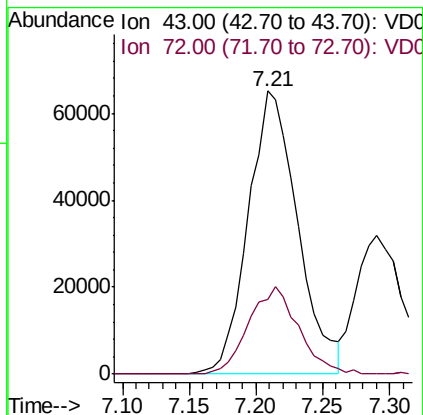
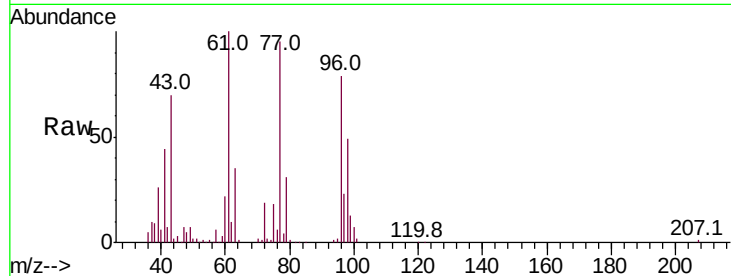
VSTDCCC050EC

Tot Ion: 43 Resp: 167618

Ion Ratio Lower Upper

43 100

72 26.4 22.8 34.2



#26

2,2-Dichloropropane

Concen: 50.092 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067118.D

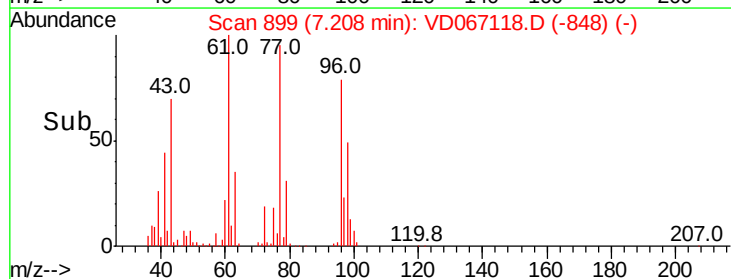
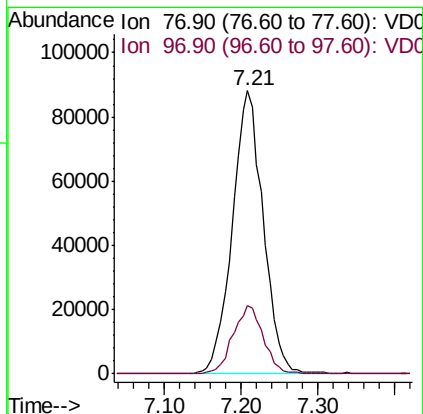
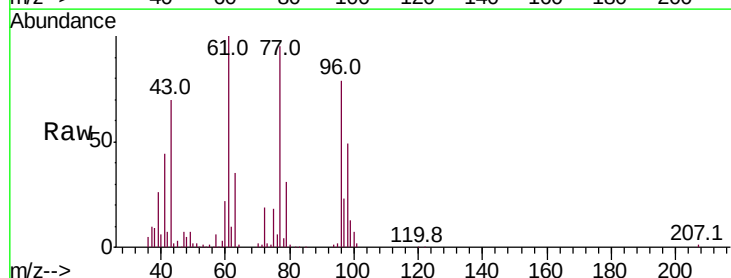
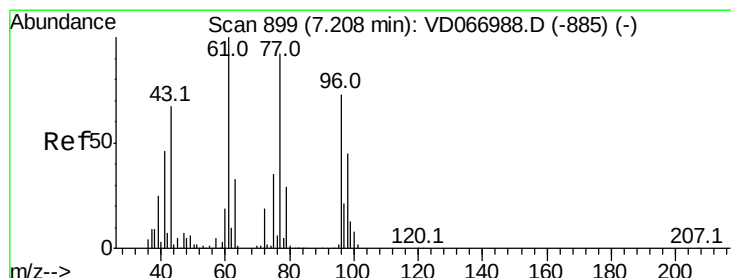
Acq: 06 Oct 2020 19:57

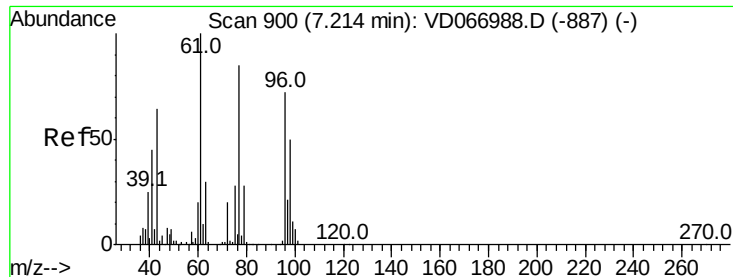
Tgt Ion: 77 Resp: 247713

Ion Ratio Lower Upper

77 100

97 23.6 11.4 34.2



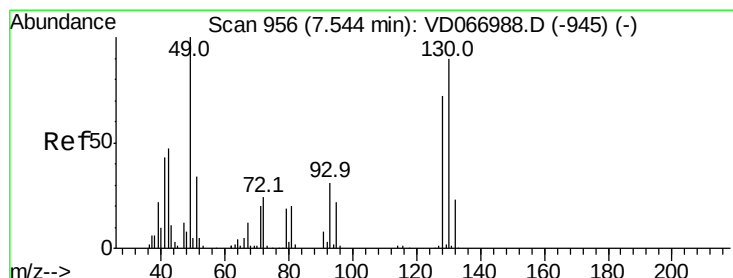
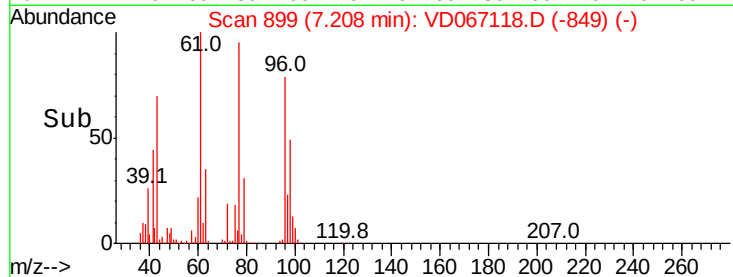
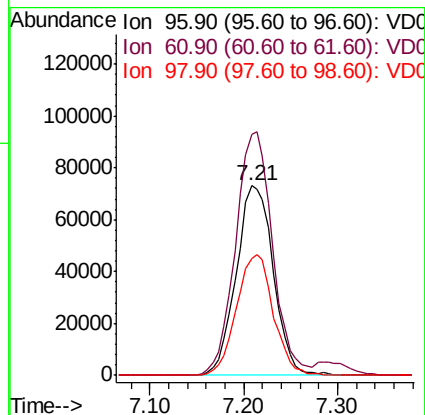
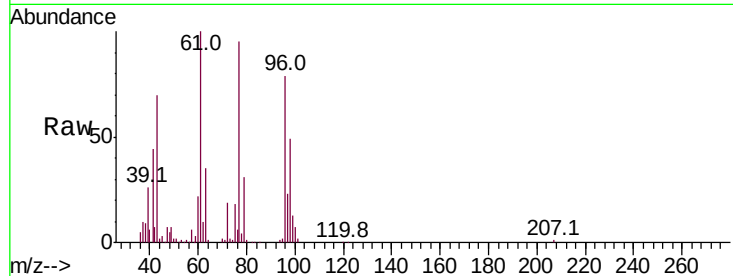


#27

cis-1,2-Dichloroethene
 Concen: 51.990 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

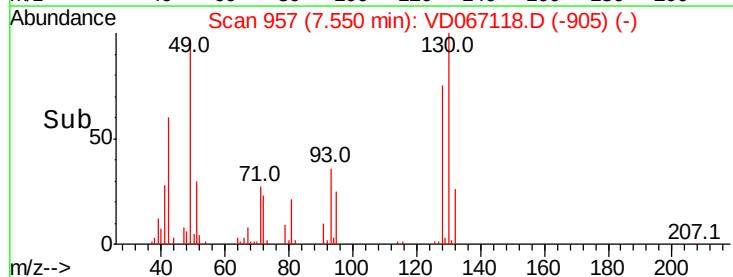
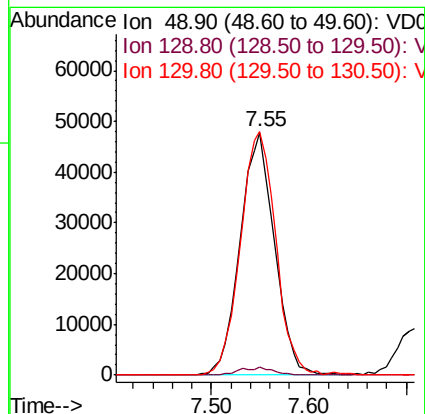
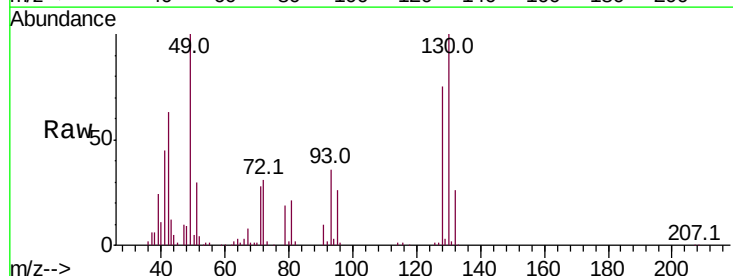
Tot Ion	96	Resp	199684
Ion Ratio	Lower	Upper	
96	100		
61	128.2	0.0	269.2
98	63.4	0.0	129.4

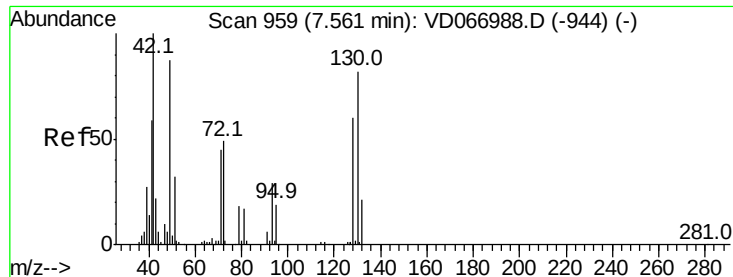


#28

Bromochloromethane
 Concen: 52.313 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

Tgt Ion	49	Resp	116851
Ion Ratio	Lower	Upper	
49	100		
129	3.2	0.0	4.6
130	103.1	74.1	111.1





#29

Tetrahydrofuran

Concen: 242.850 ug/l

RT: 7.56 min Scan# 958

Delta R.T. -0.01 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

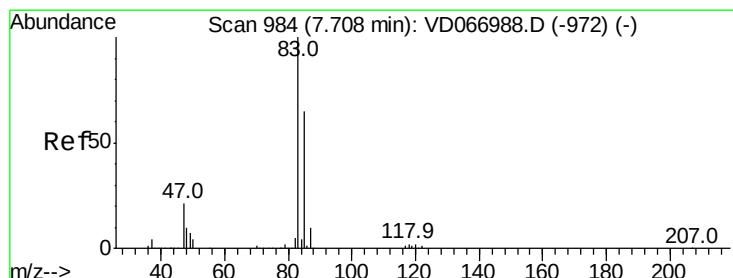
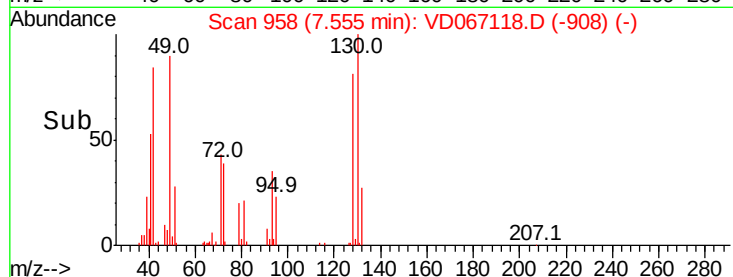
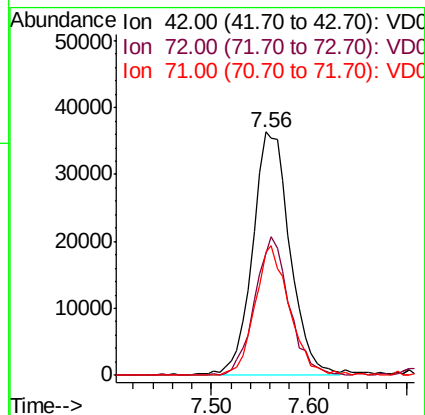
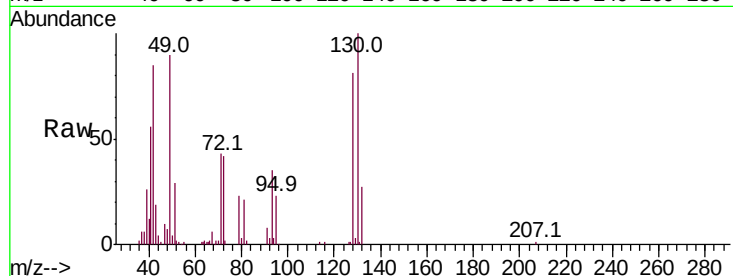
Tot Ion: 42 Resp: 97579

Ion Ratio Lower Upper

42 100

72 52.5 39.1 58.7

71 49.2 34.2 51.4



#30

Chloroform

Concen: 52.419 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.00 min

Lab File: VD067118.D

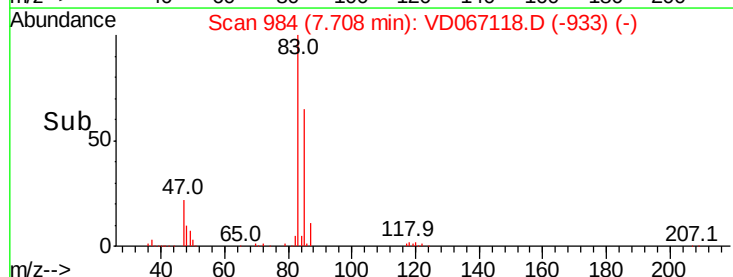
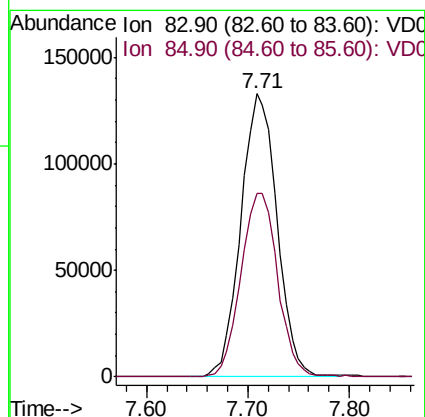
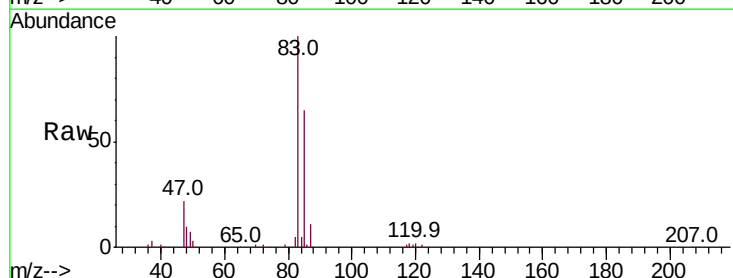
Acq: 06 Oct 2020 19:57

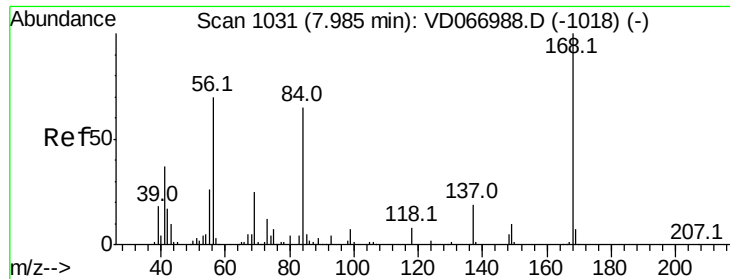
Tgt Ion: 83 Resp: 328897

Ion Ratio Lower Upper

83 100

85 65.0 52.3 78.5

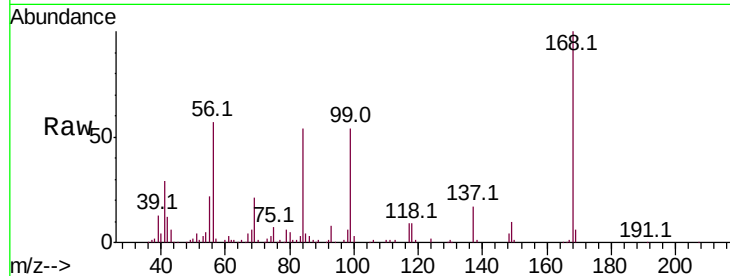




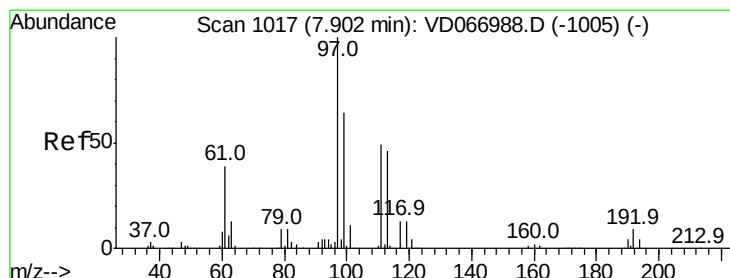
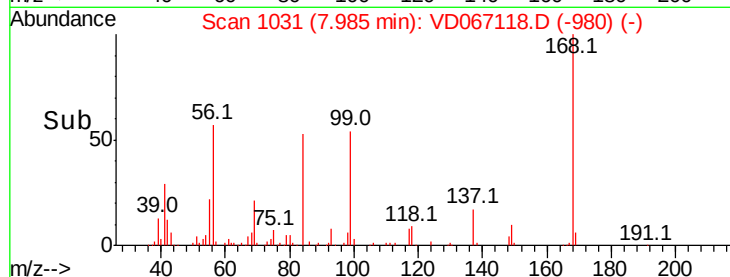
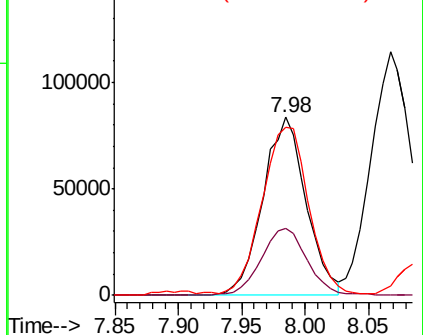
#31
Cyclohexane
Concen: 41.013 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 198878
Ion Ratio Lower Upper
56 100
69 37.3 29.0 43.6
84 92.5 74.2 111.2

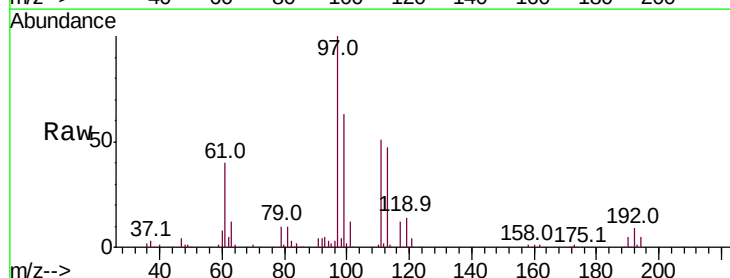


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

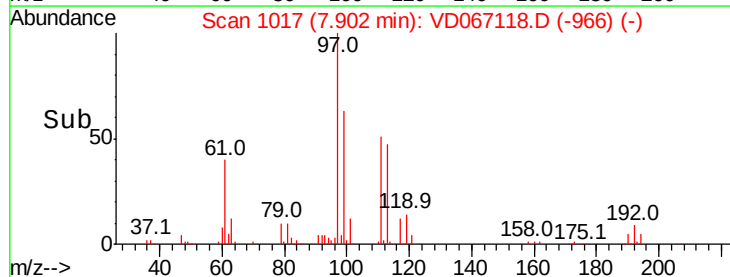
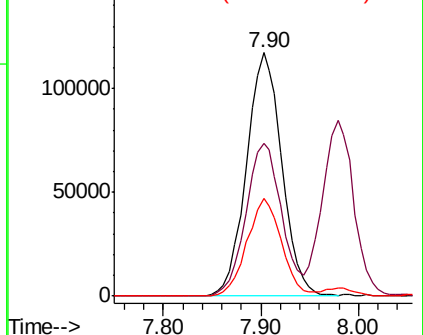


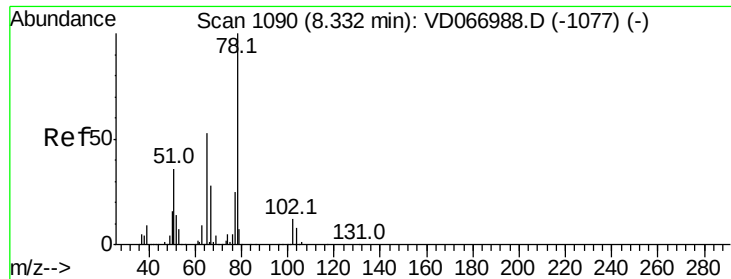
#32
1,1,1-Trichloroethane
Concen: 51.244 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Tgt Ion: 97 Resp: 297978
Ion Ratio Lower Upper
97 100
99 63.8 52.6 78.8
61 39.1 32.8 49.2



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

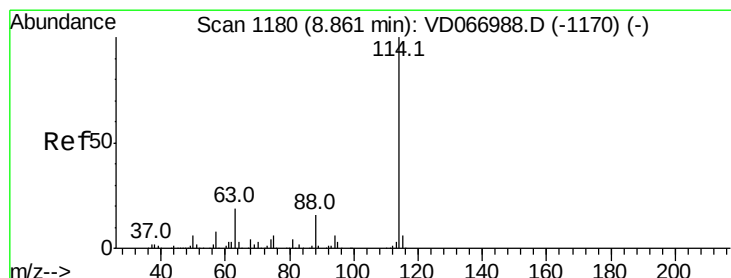
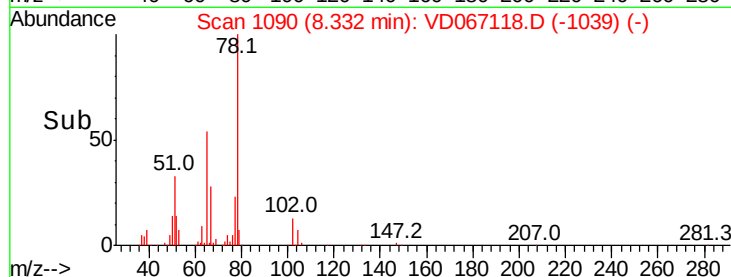
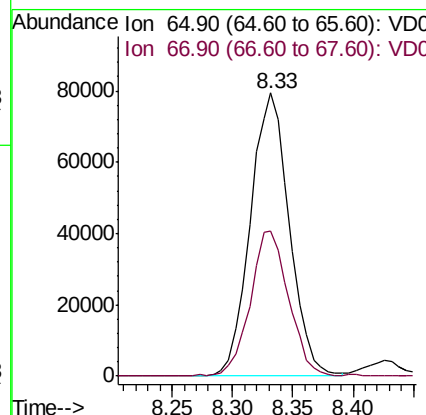
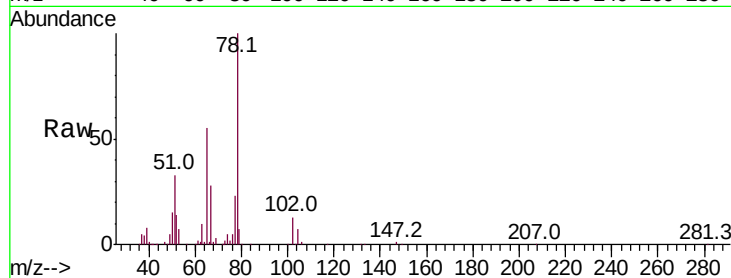




#33
 1,2-Dichloroethane-d4
 Concen: 55.208 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

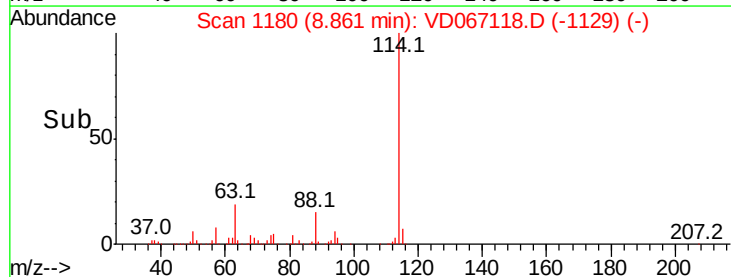
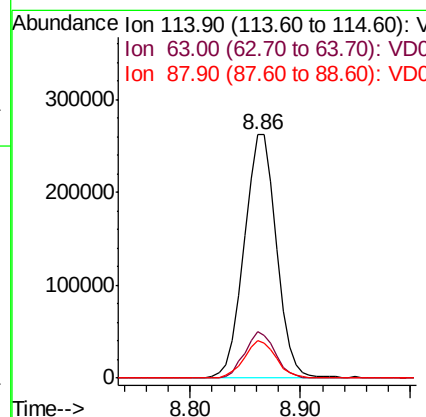
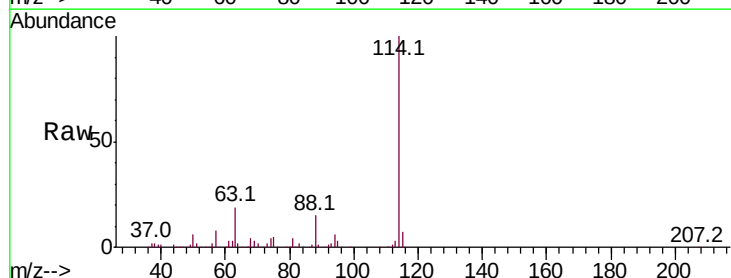
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

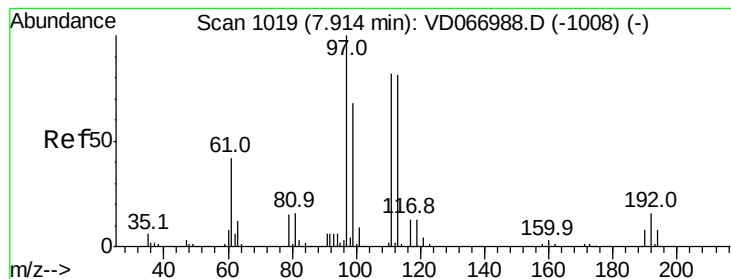
Tot Ion: 65 Resp: 178259
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

Tgt Ion: 114 Resp: 540868
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.4
 88 15.3 0.0 31.2





#35

Dibromofluoromethane

Concen: 52.992 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

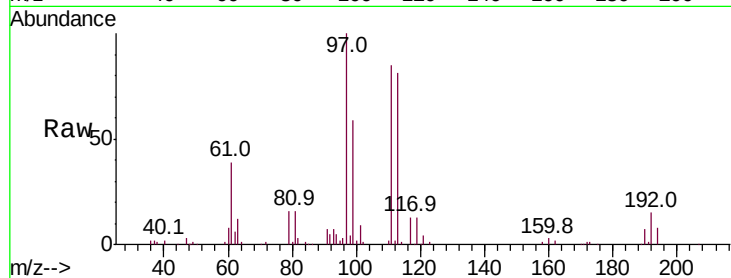
Tot Ion:113 Resp: 187642

Ion Ratio Lower Upper

113 100

111 107.0 83.0 124.4

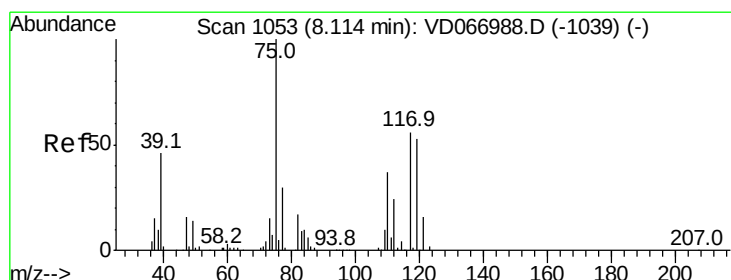
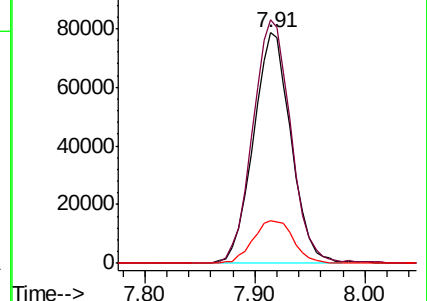
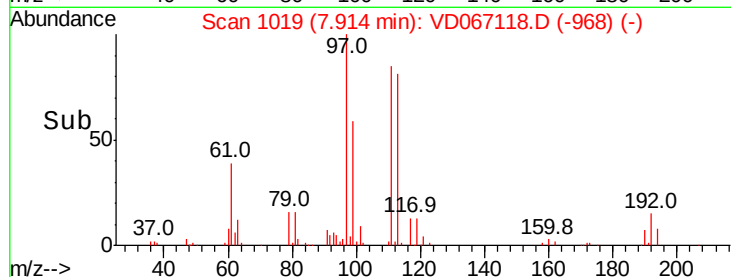
192 20.1 15.5 23.3



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: 45.517 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

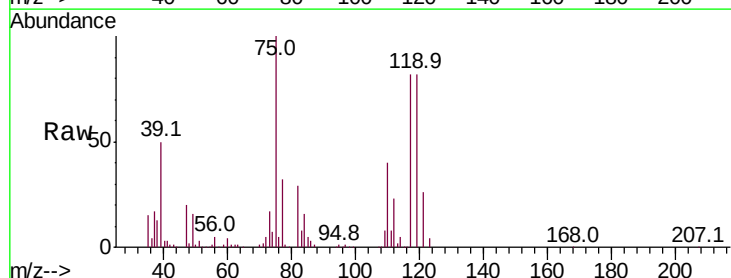
Tgt Ion: 75 Resp: 229473

Ion Ratio Lower Upper

75 100

110 38.5 18.4 55.0

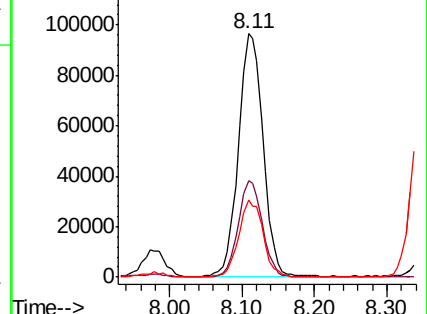
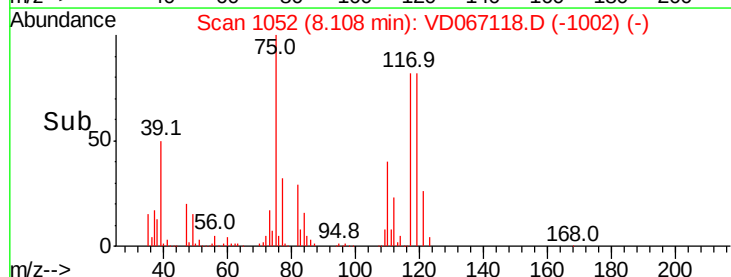
77 31.1 24.8 37.2

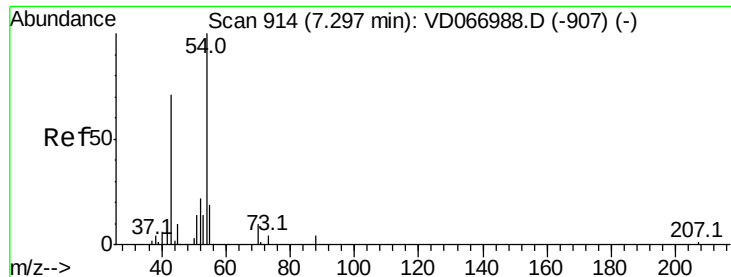


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 44.853 ug/l

RT: 7.29 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

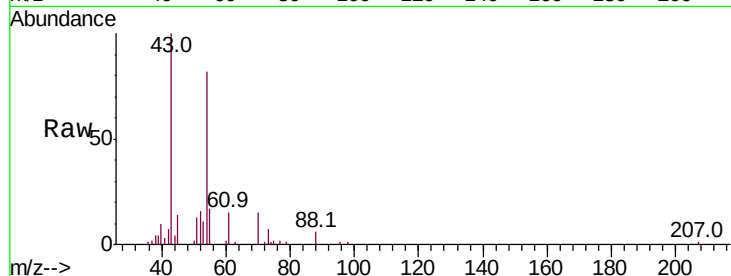
Tot Ion: 43 Resp: 78337

Ion Ratio Lower Upper

43 100

61 14.5 12.5 18.7

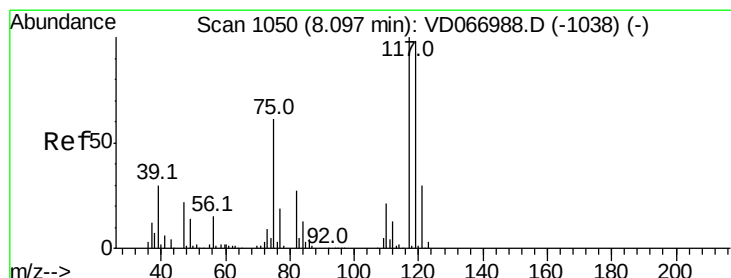
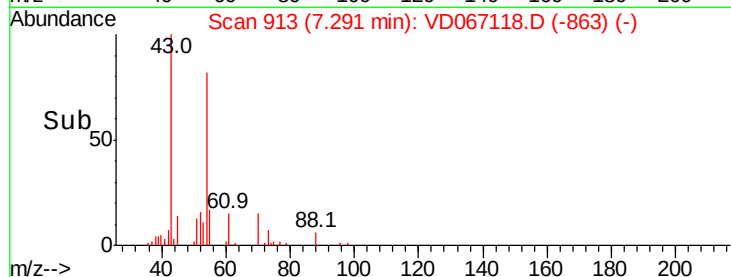
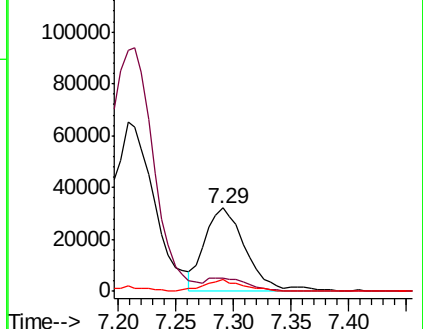
70 13.4 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 49.564 ug/l

RT: 8.10 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

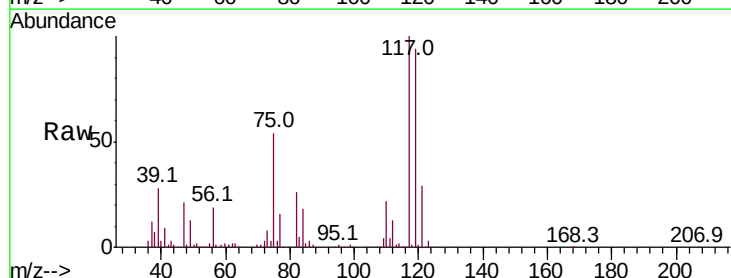
Tgt Ion: 117 Resp: 270364

Ion Ratio Lower Upper

117 100

119 94.4 78.7 118.1

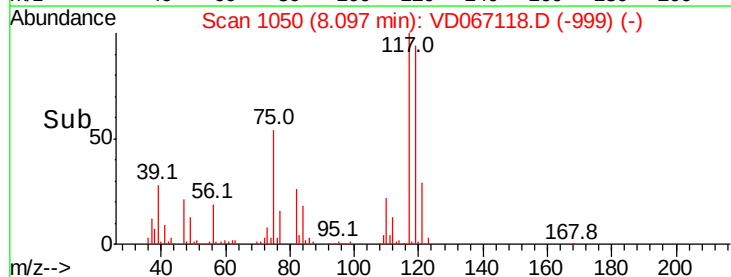
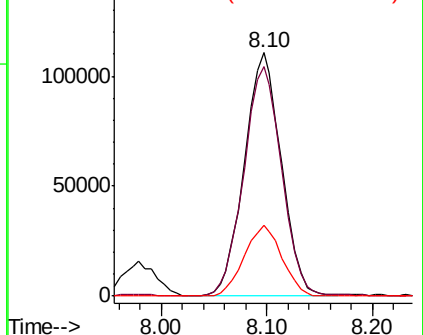
121 29.1 24.2 36.2

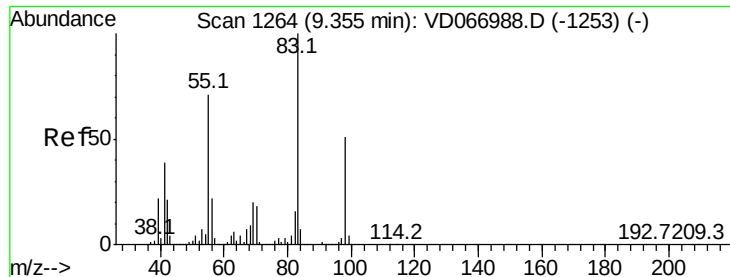


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

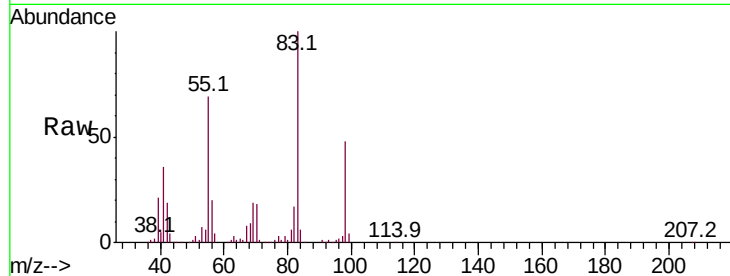




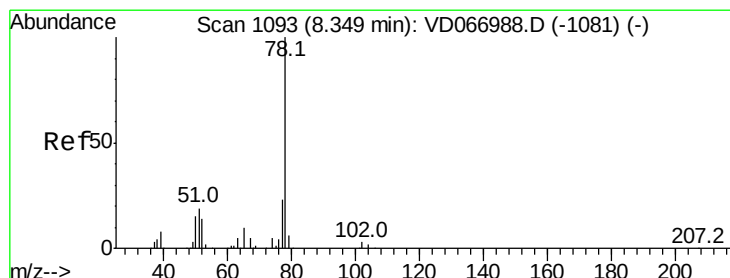
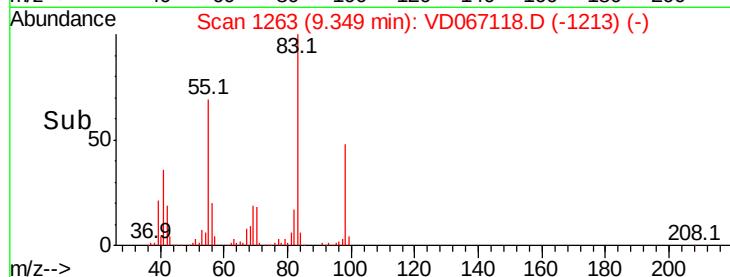
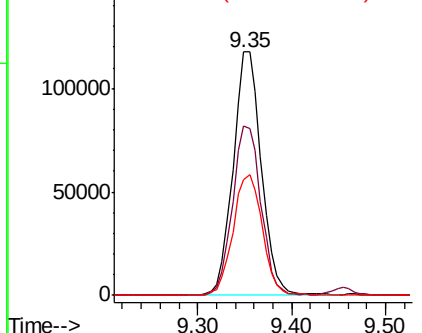
#39
Methylvlcyclohexane
Concen: 46.060 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 245502
Ion Ratio Lower Upper
83 100
55 69.5 57.1 85.7
98 47.7 40.9 61.3

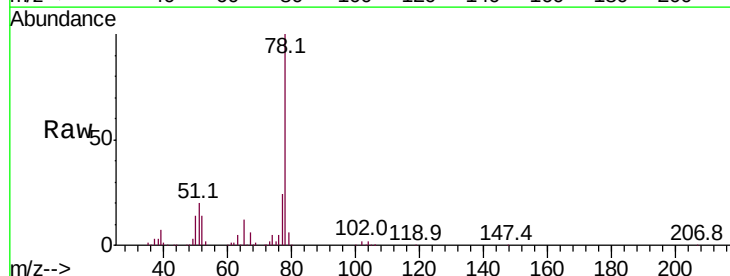


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

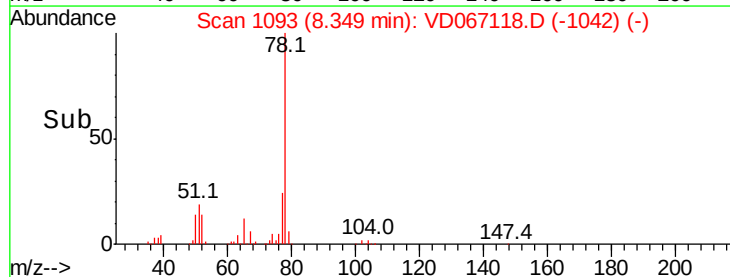
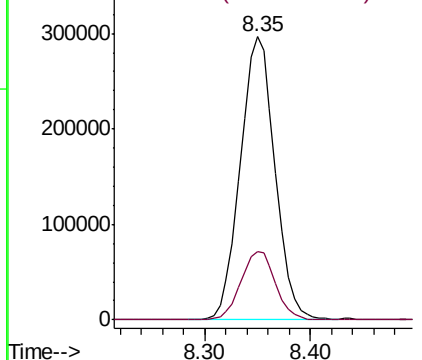


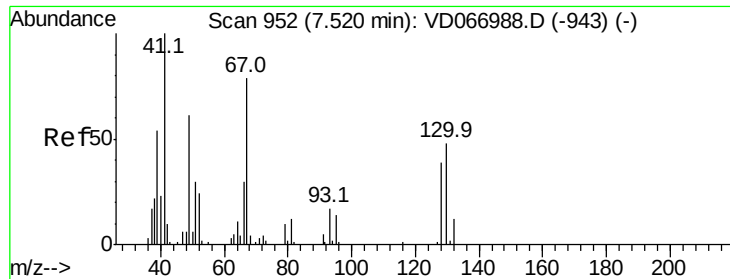
#40
Benzene
Concen: 48.189 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Tgt Ion: 78 Resp: 674785
Ion Ratio Lower Upper
78 100
77 24.3 18.4 27.6



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

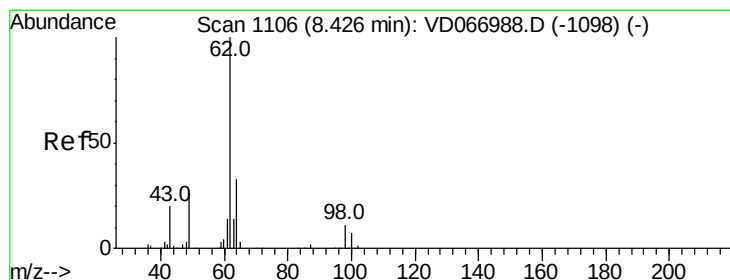
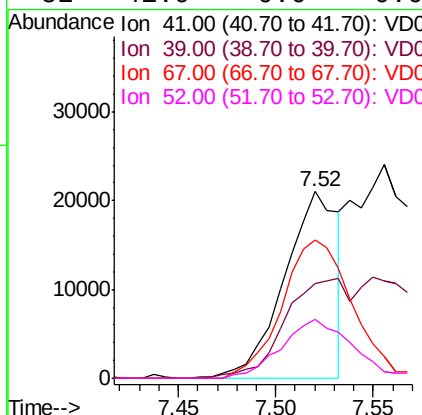
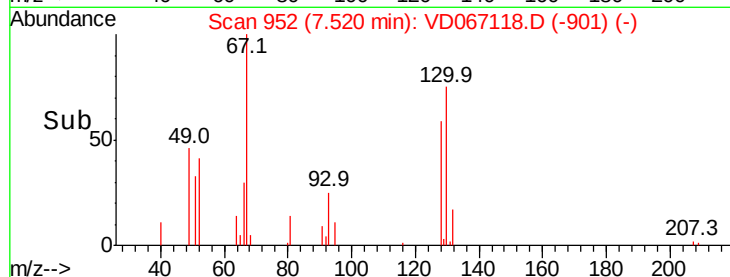
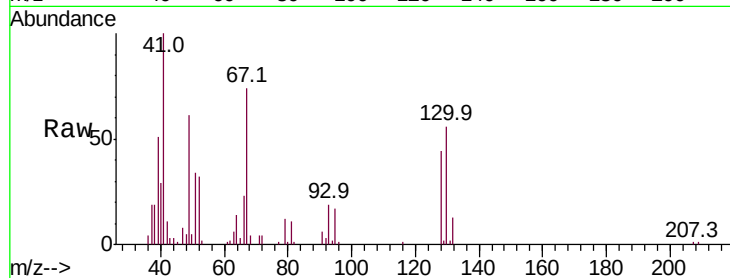




#41
Methacrylonitrile
Concen: 42.594 ug/l
RT: 7.52 min Scan# 952
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

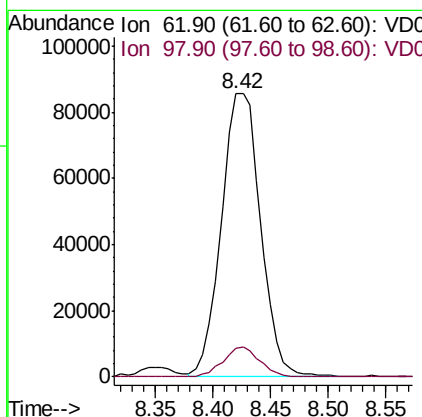
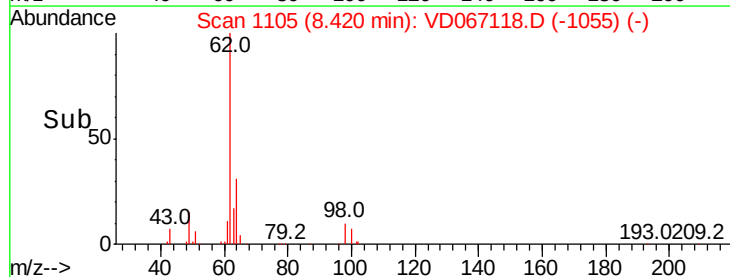
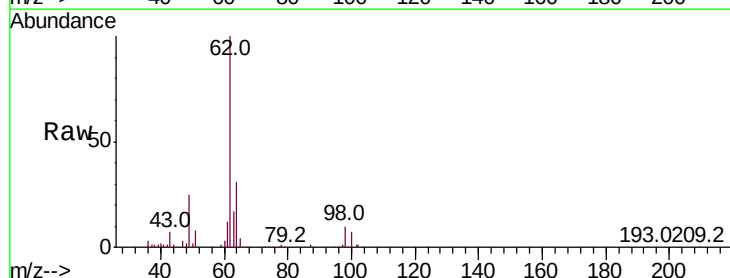
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

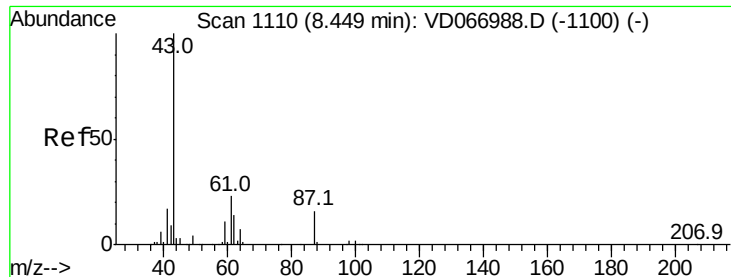
Tot Ion: 41 Resp: 40189
Ion Ratio Lower Upper
41 100
39 62.8 0.0 0.0#
67 97.9 0.0 0.0#
52 41.9 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 51.430 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Tgt Ion: 62 Resp: 201240
Ion Ratio Lower Upper
62 100
98 9.9 0.0 22.6





#43

Isopropyl Acetate

Concen: 47.199 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

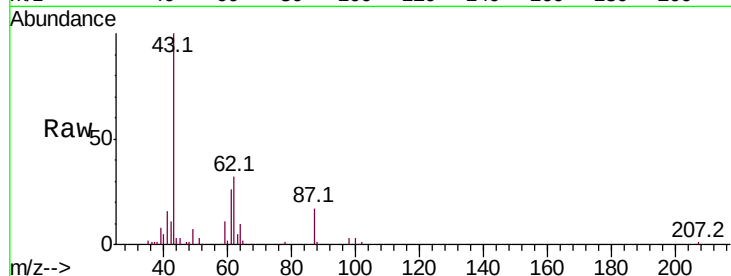
Tot Ion: 43 Resp: 151861

Ion Ratio Lower Upper

43 100

61 36.3 27.1 40.7

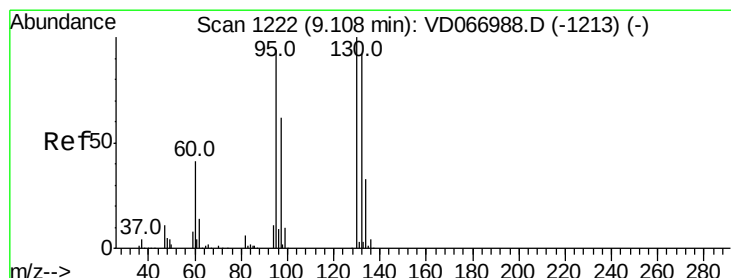
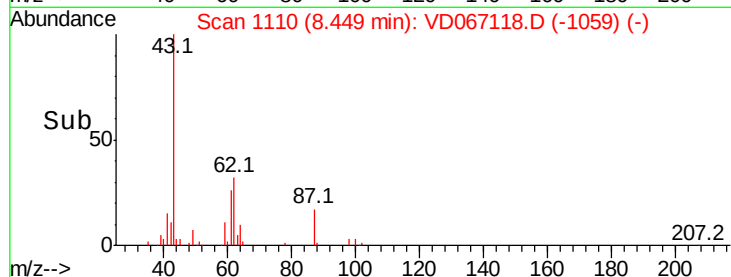
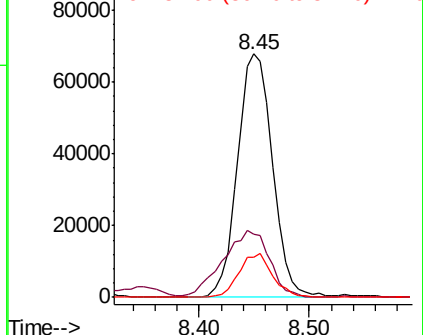
87 17.1 12.3 18.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 50.804 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD067118.D

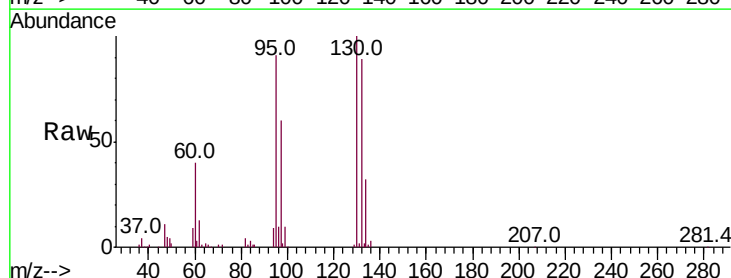
Acq: 06 Oct 2020 19:57

Tgt Ion:130 Resp: 212433

Ion Ratio Lower Upper

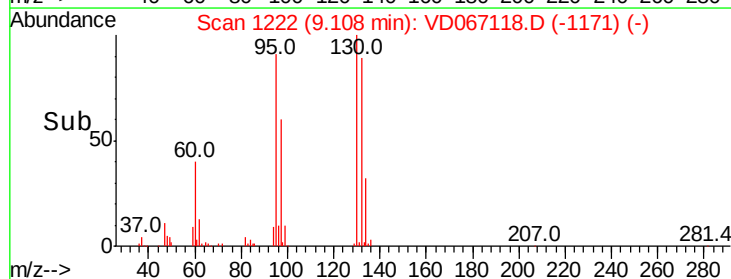
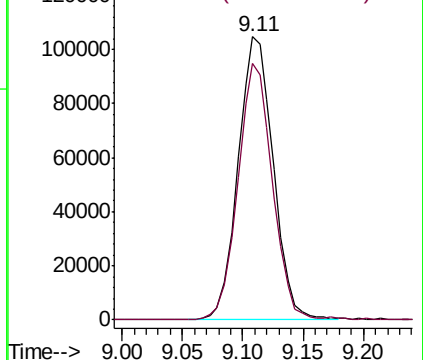
130 100

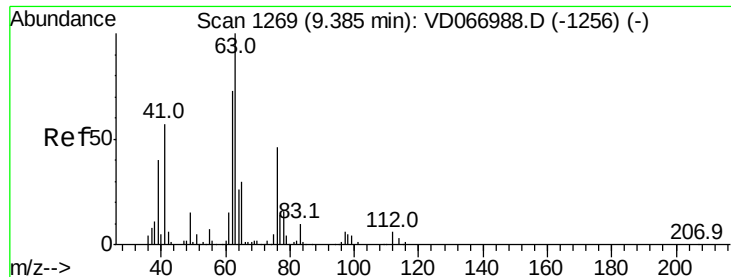
95 90.8 0.0 187.8



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

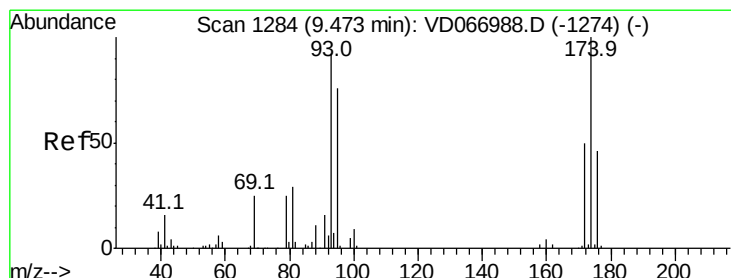
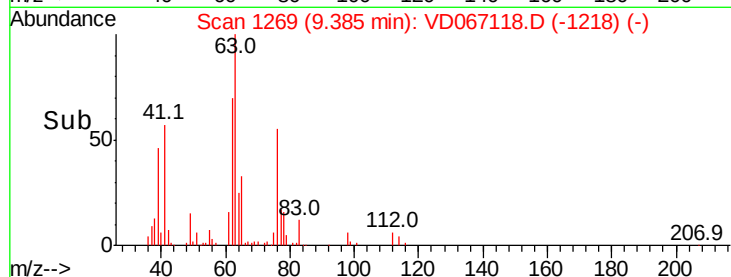
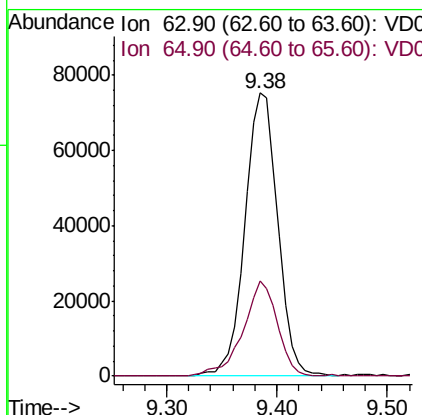
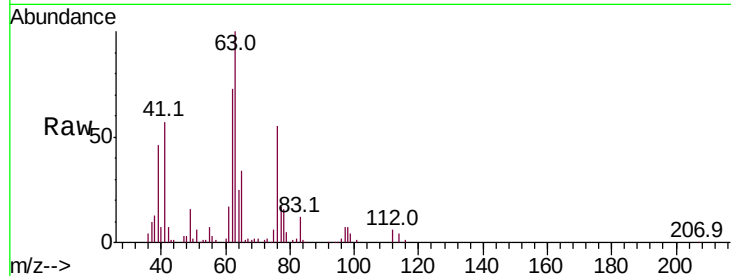




#45
 1,2-Dichloropropane
 Concen: 47.878 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

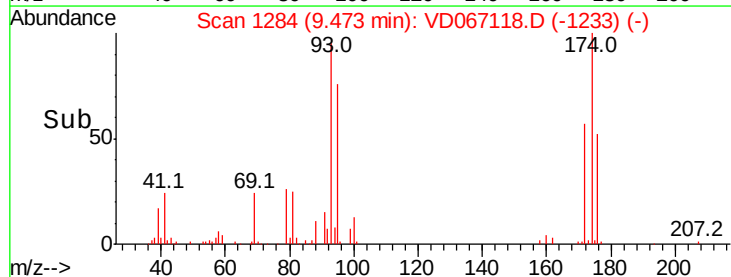
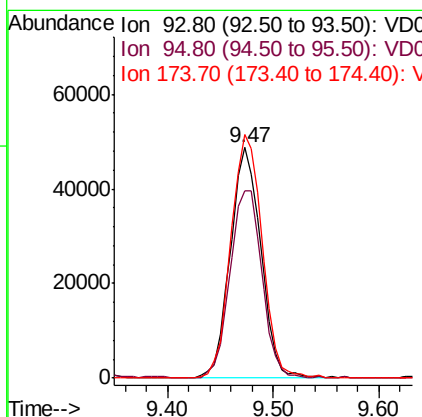
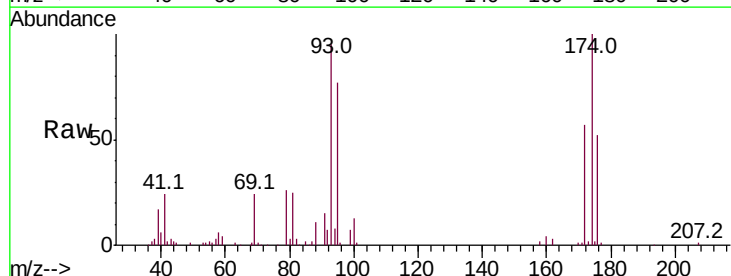
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

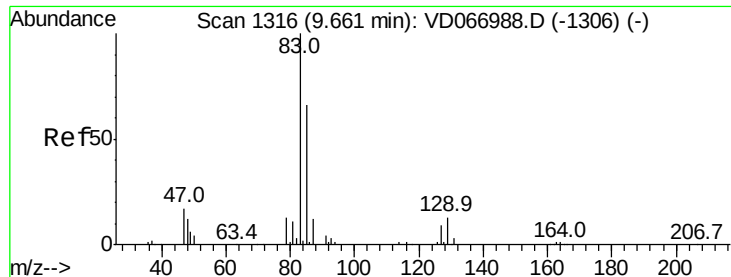
Tot Ion: 63 Resp: 157526
 Ion Ratio Lower Upper
 63 100
 65 33.8 23.7 35.5



#46
 Dibromomethane
 Concen: 51.535 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

Tgt Ion: 93 Resp: 97455
 Ion Ratio Lower Upper
 93 100
 95 85.0 64.7 97.1
 174 108.0 81.4 122.2





#47

Bromodichloromethane

Concen: 52.285 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

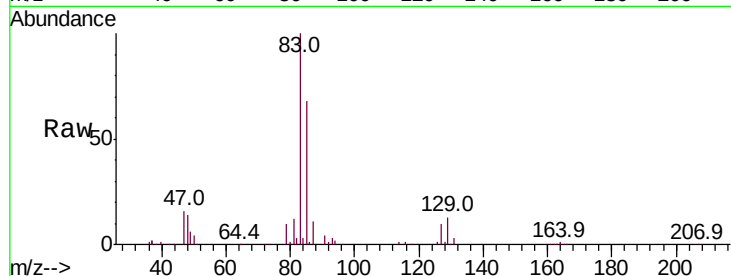
Tot Ion: 83 Resp: 257012

Ion Ratio Lower Upper

83 100

85 68.0 52.9 79.3

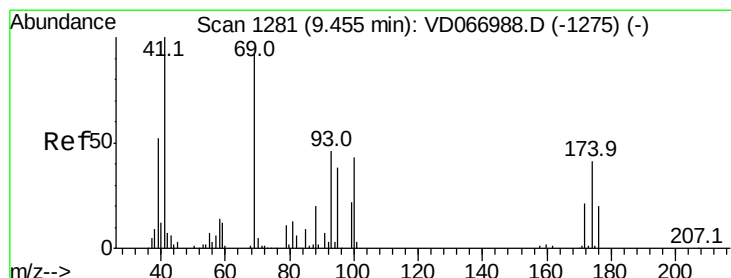
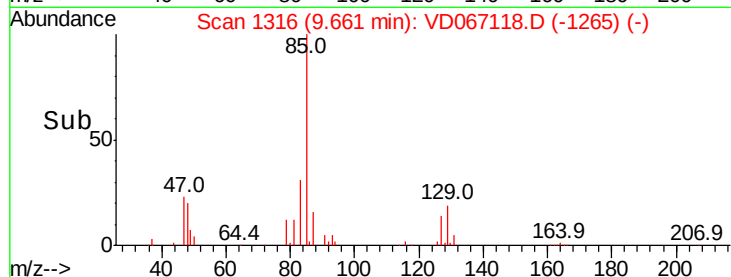
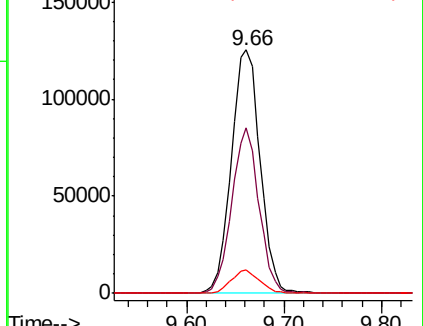
127 9.5 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 44.328 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

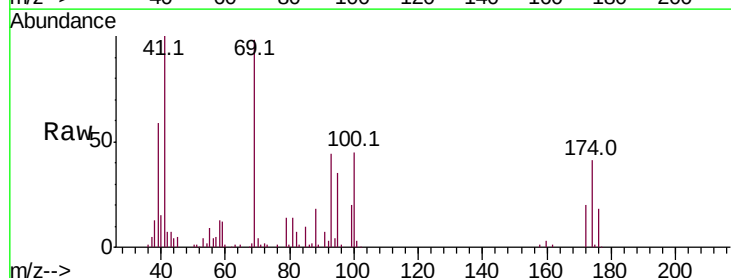
Tgt Ion: 41 Resp: 73067

Ion Ratio Lower Upper

41 100

69 108.0 68.5 102.7#

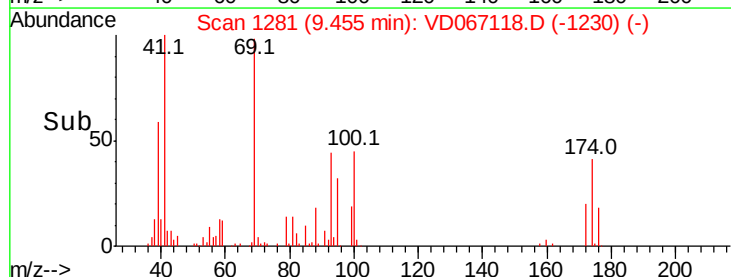
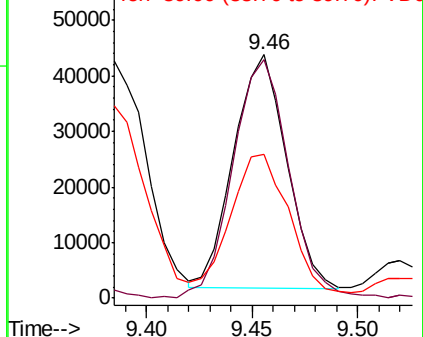
39 70.4 40.2 60.2#

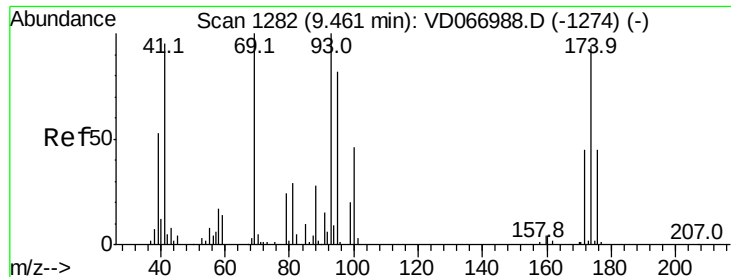


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 975.308 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

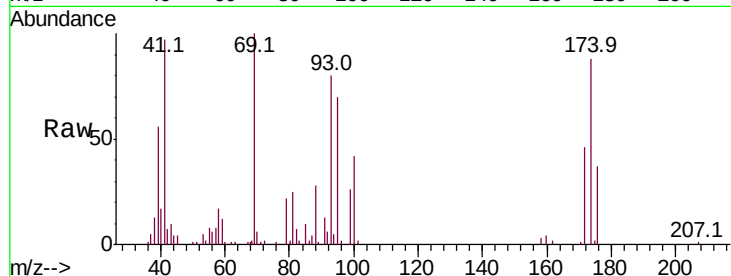
Tot Ion: 88 Resp: 19249

Ion Ratio Lower Upper

88 100

43 31.5 25.6 38.4

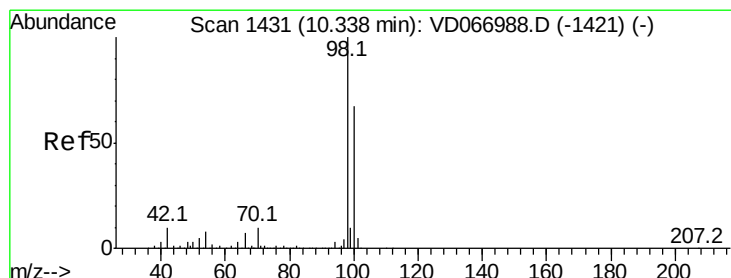
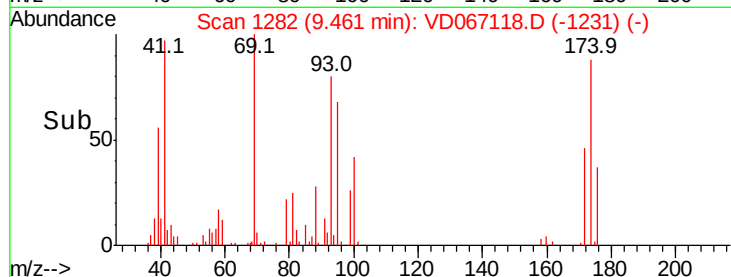
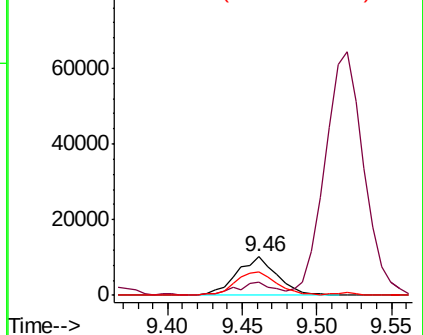
58 63.1 53.5 80.3



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 52.116 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD067118.D

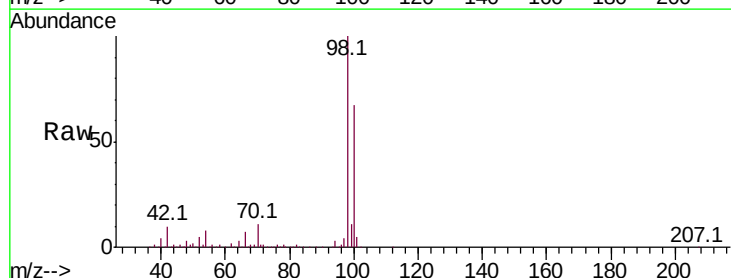
Acq: 06 Oct 2020 19:57

Tgt Ion: 98 Resp: 672450

Ion Ratio Lower Upper

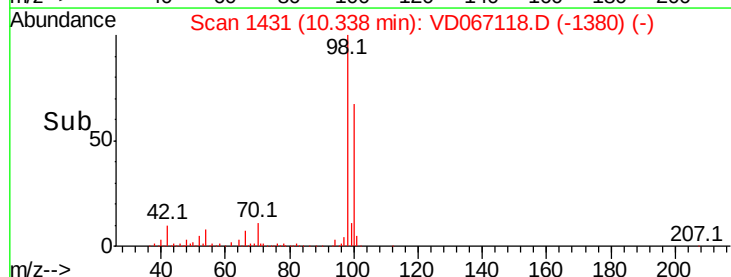
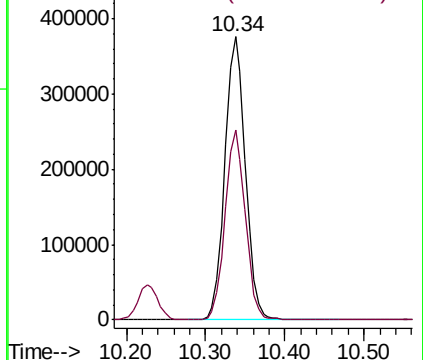
98 100

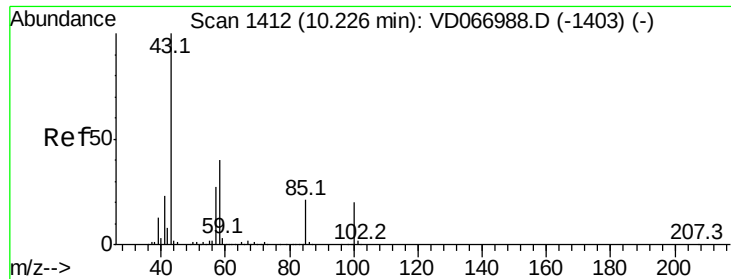
100 66.0 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

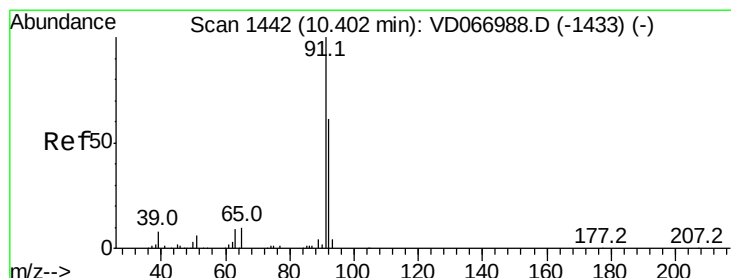
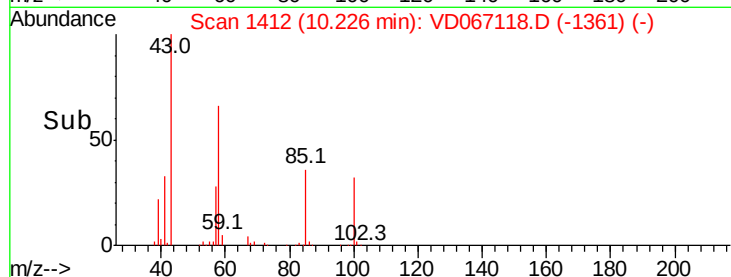
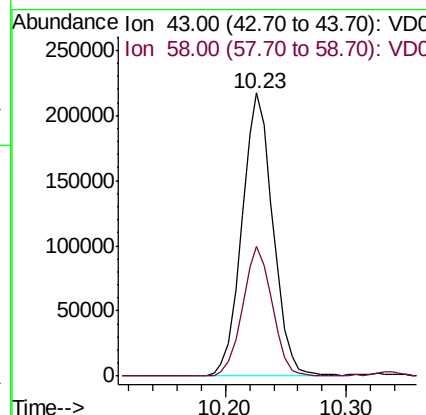
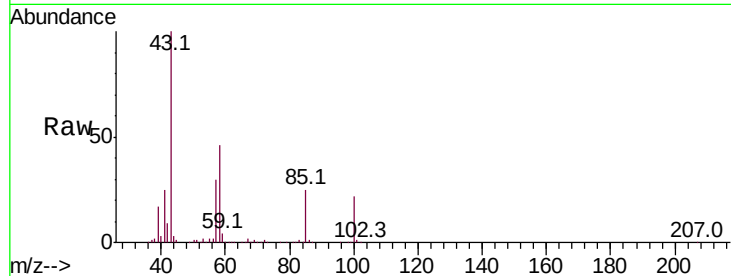




#51
4-Methyl-2-Pentanone
Concen: 242.408 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

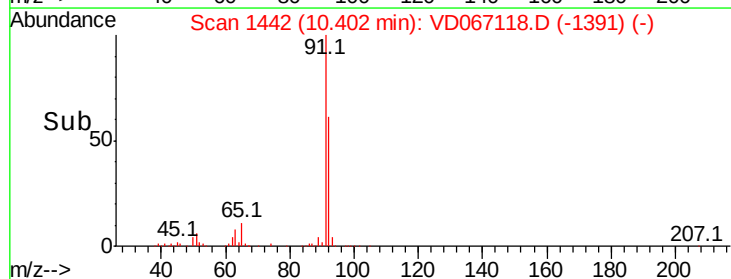
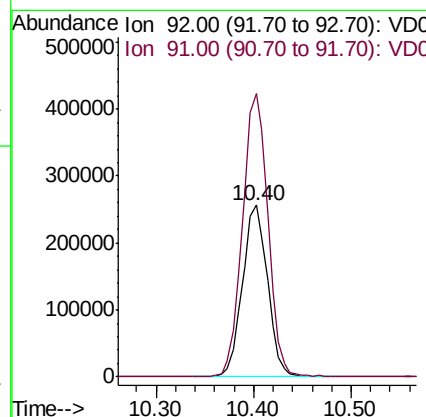
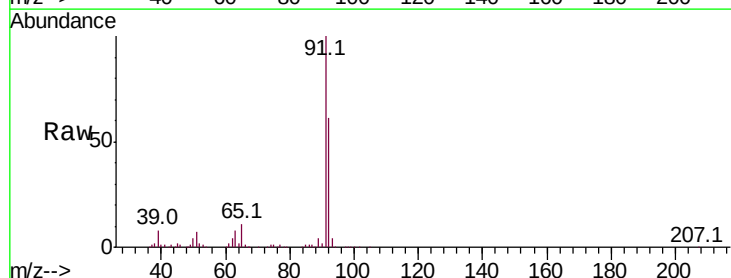
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

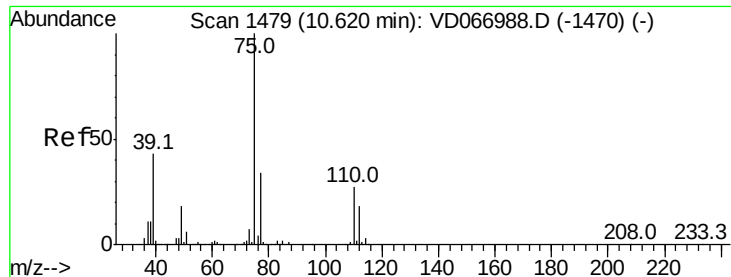
Tot Ion: 43 Resp: 388484
Ion Ratio Lower Upper
43 100
58 44.1 33.8 50.8



#52
Toluene
Concen: 50.895 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Tgt Ion: 92 Resp: 459088
Ion Ratio Lower Upper
92 100
91 168.1 135.1 202.7





#53

t-1,3-Dichloropropene

Concen: 51.009 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Instrument :

MSVOA_D

ClientSampleId :

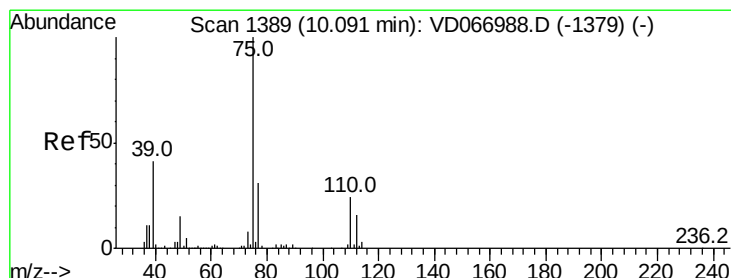
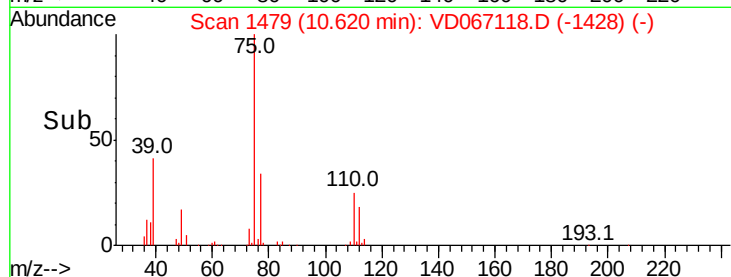
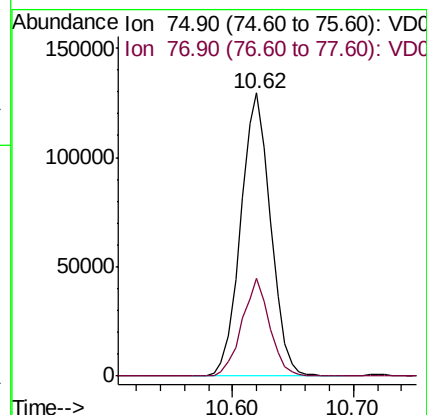
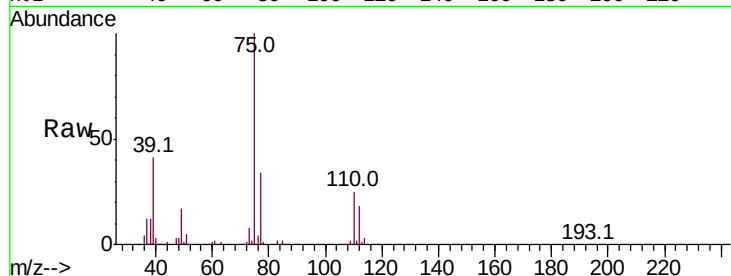
VSTDCCC050EC

Tot Ion: 75 Resp: 224098

Ion Ratio Lower Upper

75 100

77 34.4 27.1 40.7



#54

cis-1,3-Dichloropropene

Concen: 50.619 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

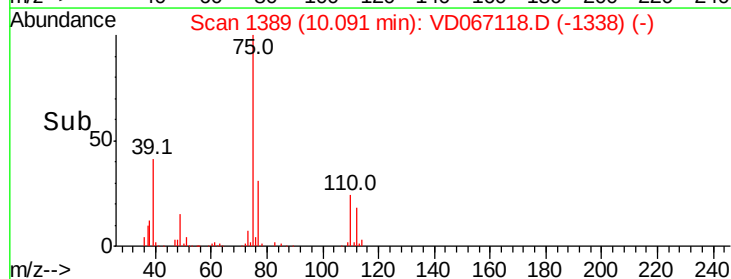
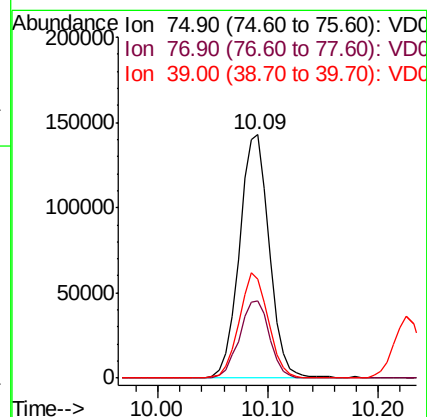
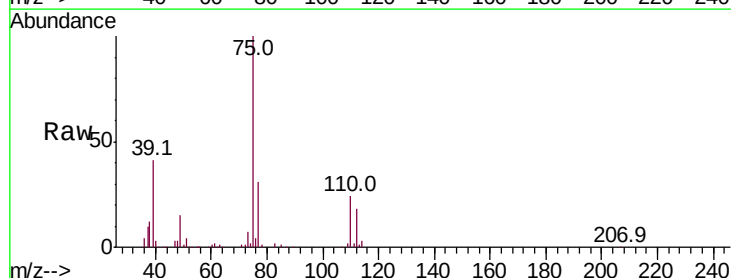
Tgt Ion: 75 Resp: 271551

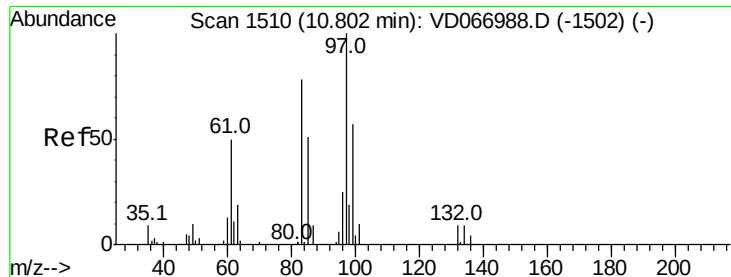
Ion Ratio Lower Upper

75 100

77 31.5 24.6 37.0

39 40.7 33.0 49.4

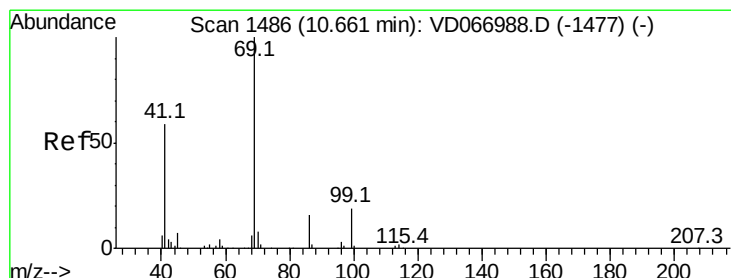
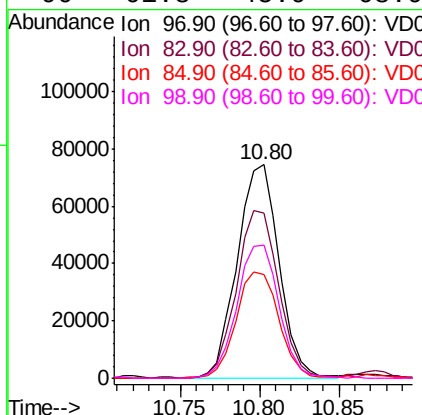
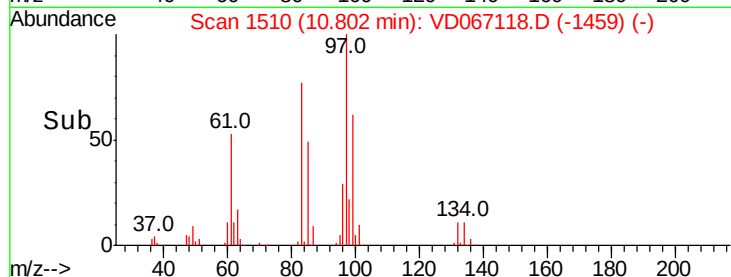
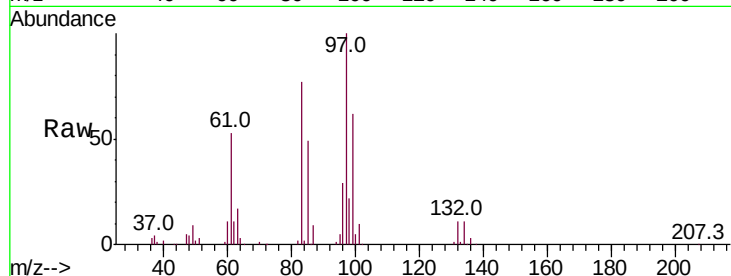




#55
 1,1,2-Trichloroethane
 Concen: 52.128 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

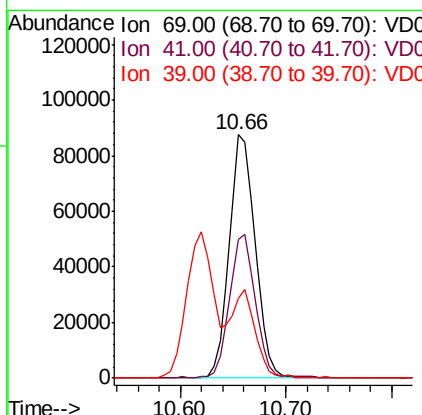
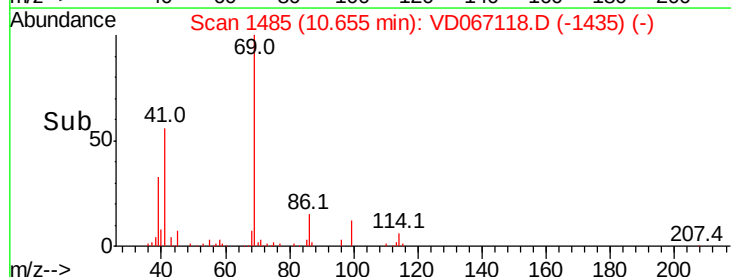
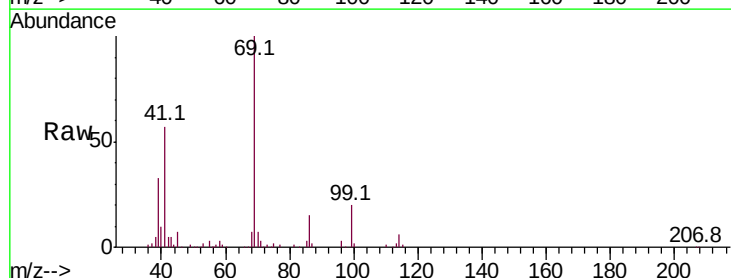
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

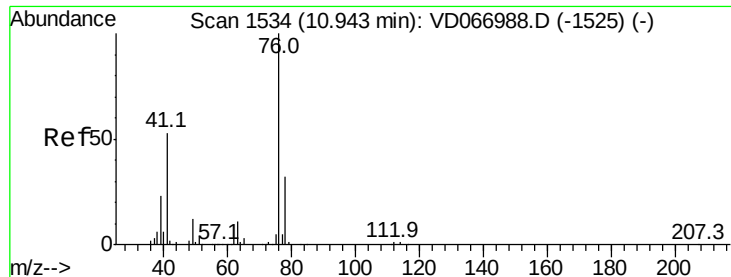
Tot Ion:	97	Resp:	137049
Ion	Ratio	Lower	Upper
97	100		
83	77.1	62.4	93.6
85	48.3	41.0	61.4
99	61.8	45.9	68.9



#56
 Ethyl methacrylate
 Concen: 54.938 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

Tgt Ion:	69	Resp:	149124
Ion	Ratio	Lower	Upper
69	100		
41	58.7	46.4	69.6
39	31.0	23.8	35.6

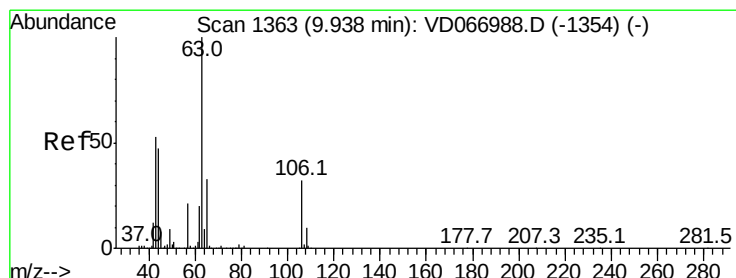
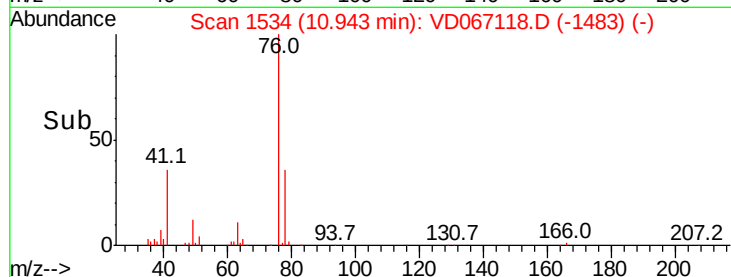
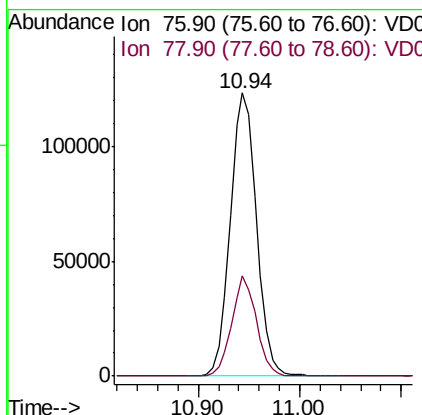
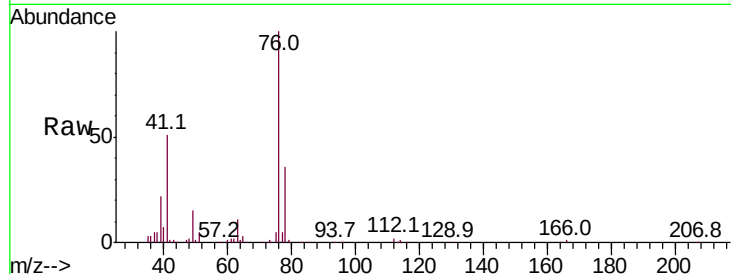




#57
 1,3-Dichloropropane
 Concen: 51.798 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

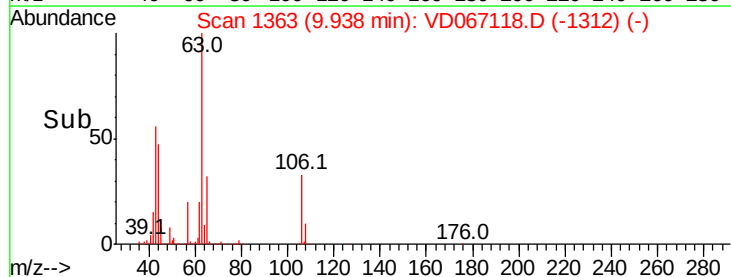
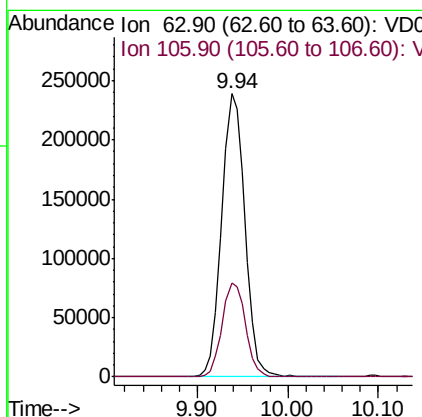
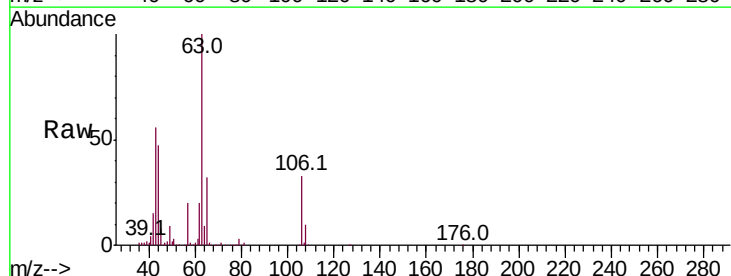
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

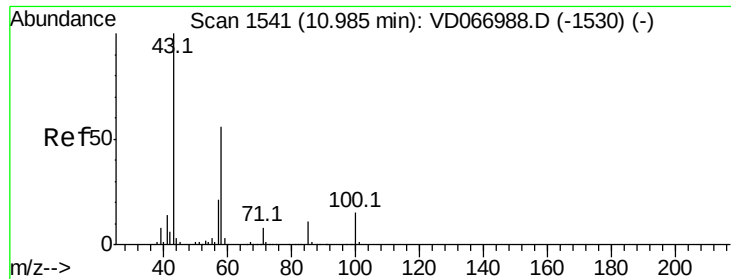
Tot Ion: 76 Resp: 220834
 Ion Ratio Lower Upper
 76 100
 78 33.7 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 281.694 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

Tgt Ion: 63 Resp: 425579
 Ion Ratio Lower Upper
 63 100
 106 33.6 25.3 37.9

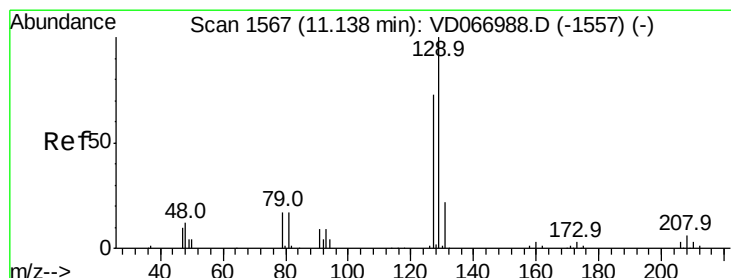
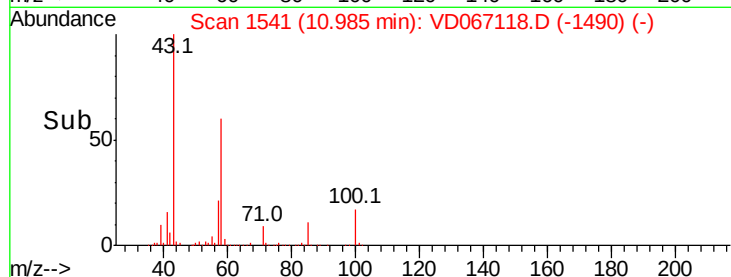
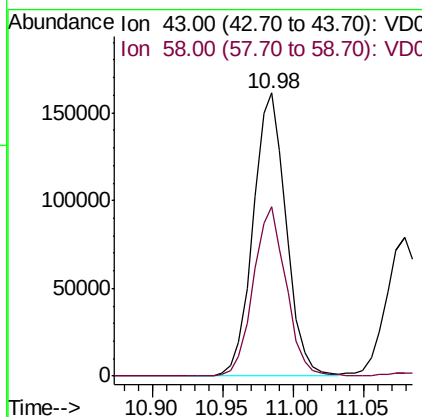
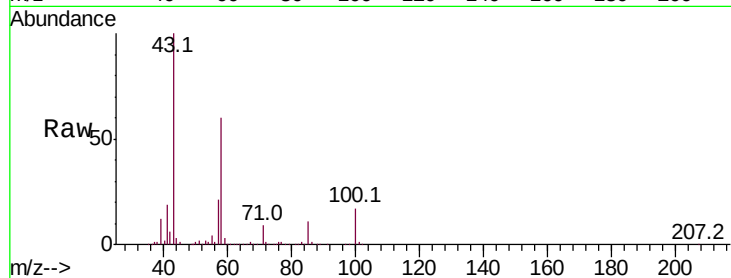




#59
2-Hexanone
Concen: 247.745 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

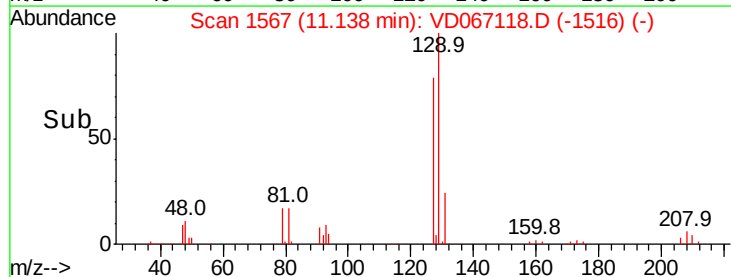
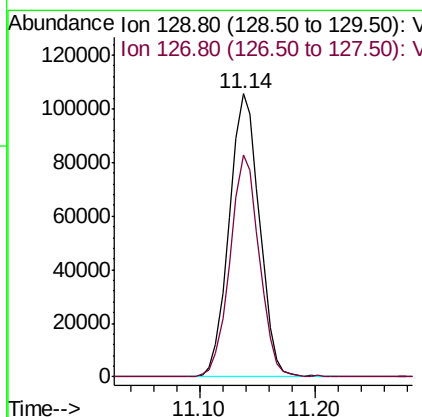
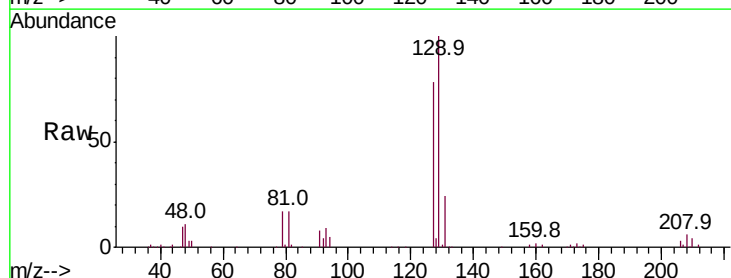
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

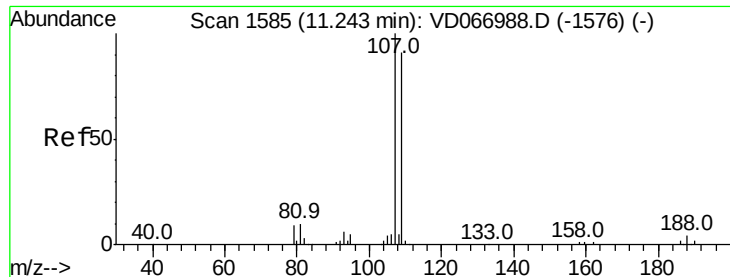
Tot Ion: 43 Resp: 264999
Ion Ratio Lower Upper
43 100
58 59.4 28.3 84.9



#60
Dibromochloromethane
Concen: 54.698 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Tgt Ion: 129 Resp: 191671
Ion Ratio Lower Upper
129 100
127 76.1 37.4 112.1

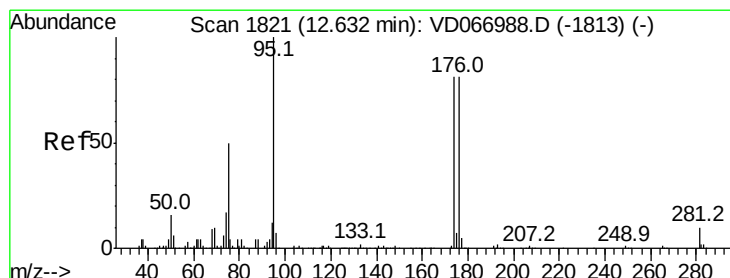
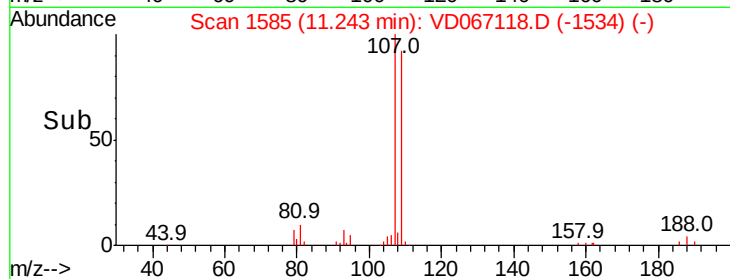
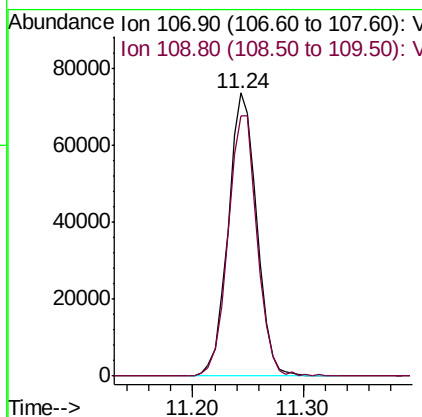
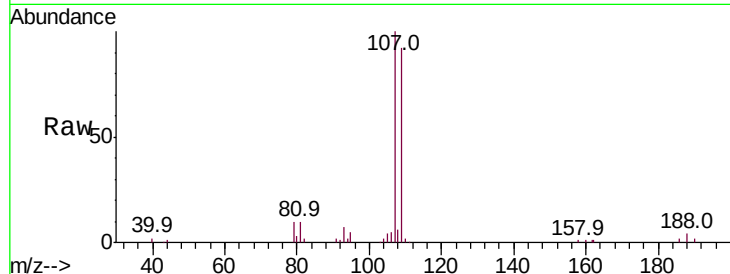




#61
 1,2-Dibromoethane
 Concen: 52.904 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

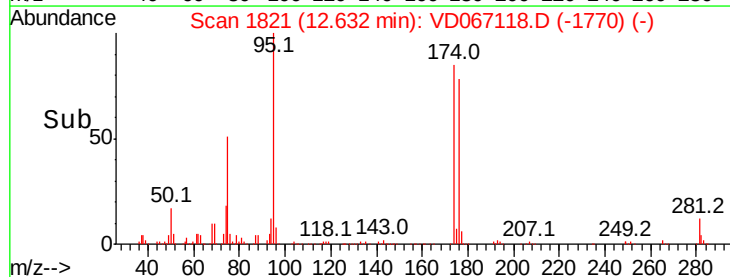
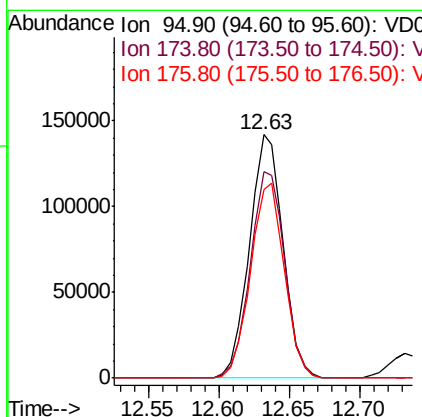
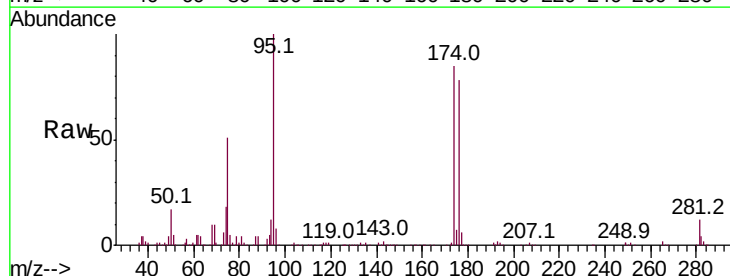
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

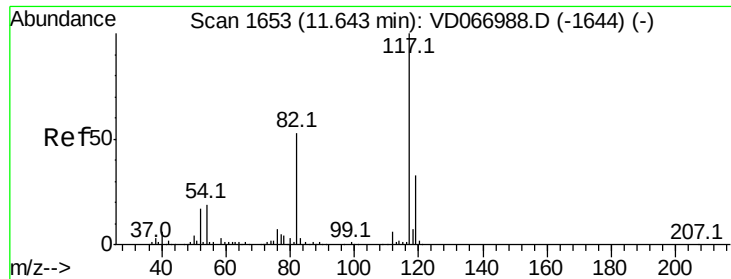
Tot Ion:107 Resp: 133627
 Ion Ratio Lower Upper
 107 100
 109 93.5 74.0 111.0



#62
 4-Bromofluorobenzene
 Concen: 54.328 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

Tgt Ion: 95 Resp: 237969
 Ion Ratio Lower Upper
 95 100
 174 86.4 0.0 167.6
 176 80.5 0.0 162.4

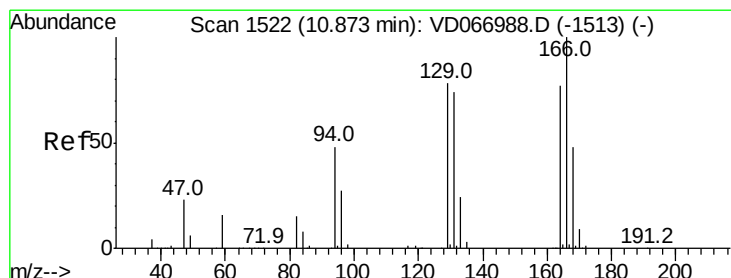
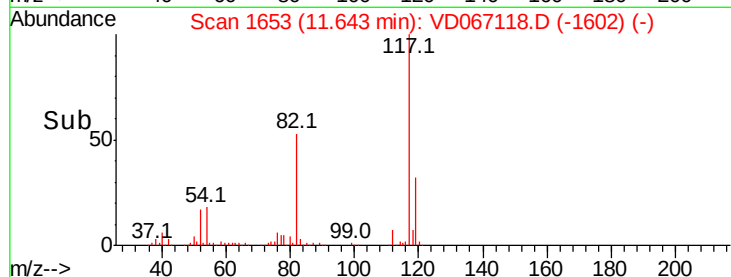
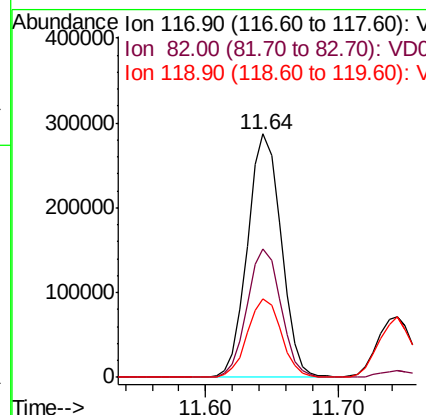
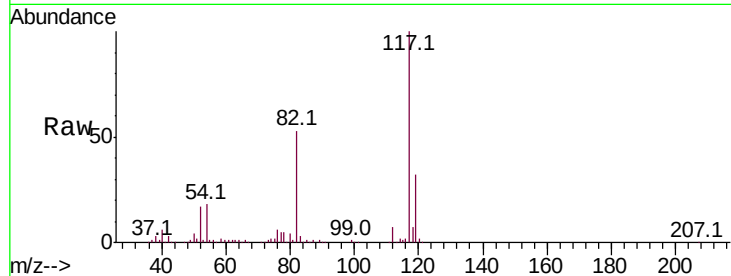




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

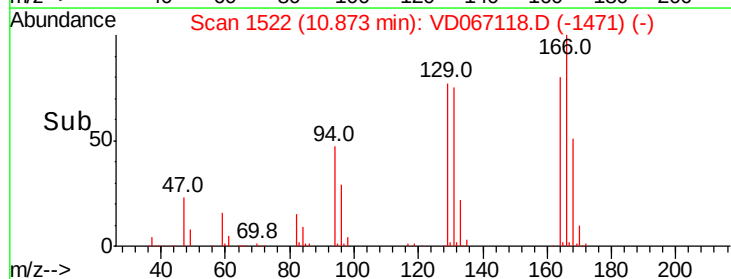
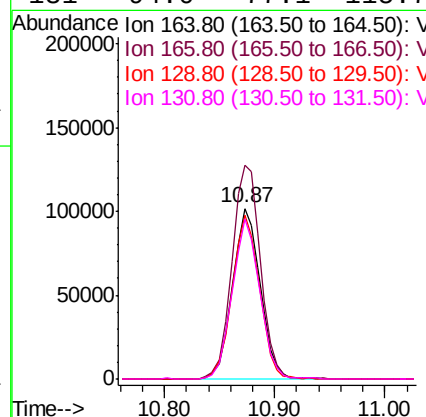
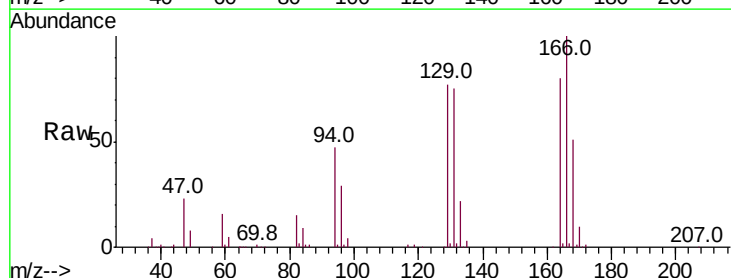
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

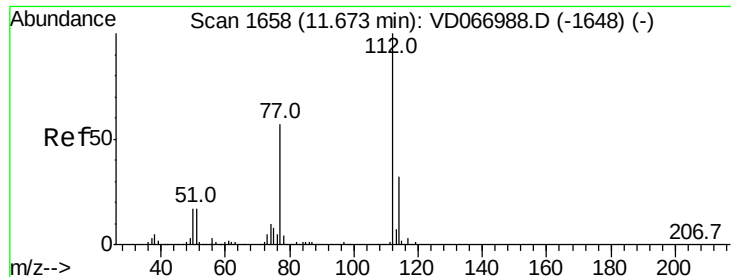
Tot Ion:117 Resp: 500117
Ion Ratio Lower Upper
117 100
82 52.6 42.6 63.8
119 32.1 26.3 39.5



#64
Tetrachloroethene
Concen: 49.516 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Tgt Ion:164 Resp: 180032
Ion Ratio Lower Upper
164 100
166 125.1 104.4 156.6
129 96.0 81.3 121.9
131 94.0 77.1 115.7

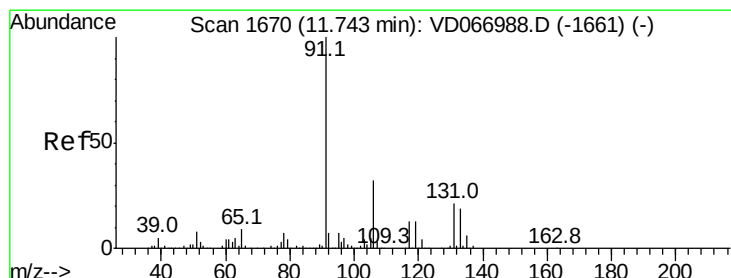
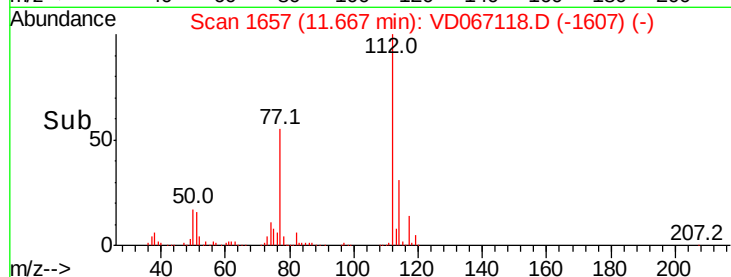
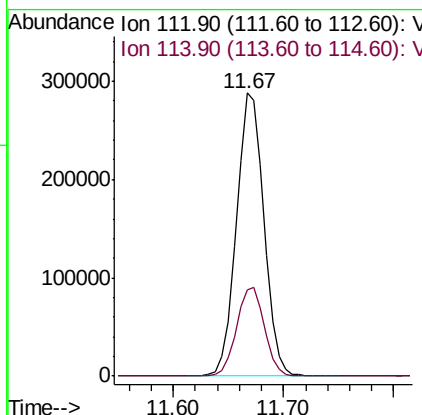
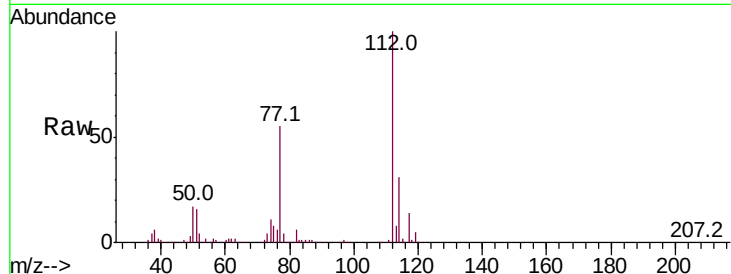




#65
Chlorobenzene
Concen: 50.682 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

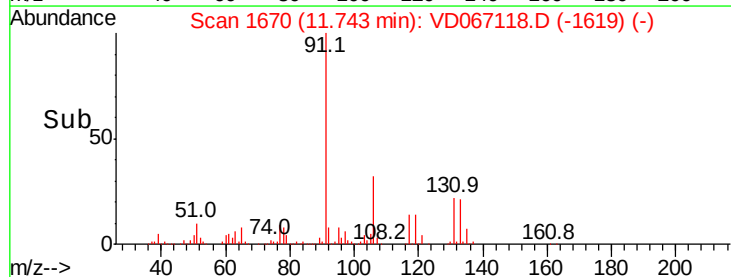
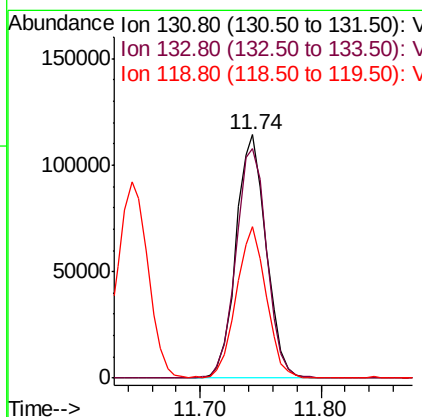
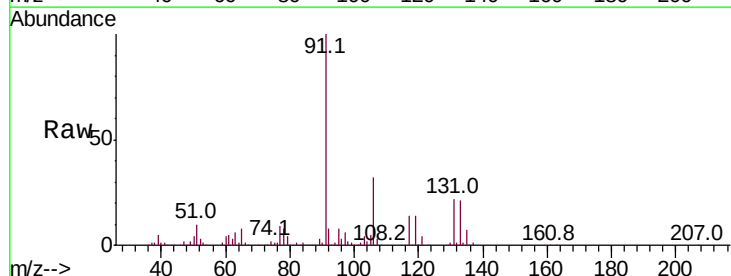
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

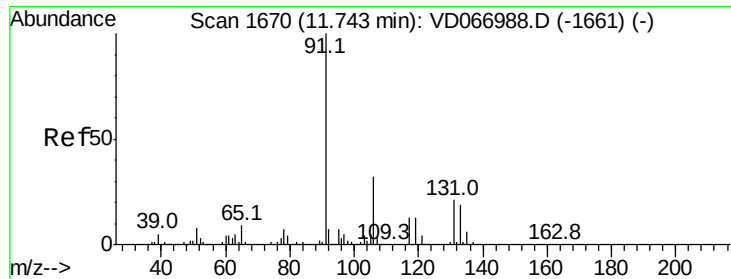
Tot Ion:112 Resp: 504112
Ion Ratio Lower Upper
112 100
114 30.5 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 52.467 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Tgt Ion:131 Resp: 198513
Ion Ratio Lower Upper
131 100
133 97.1 47.8 143.3
119 61.8 32.3 96.8





#67

Ethyl Benzene

Concen: 51.388 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Instrument :

MSVOA_D

ClientSampleId :

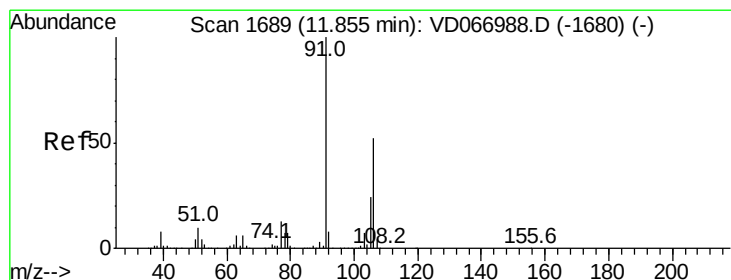
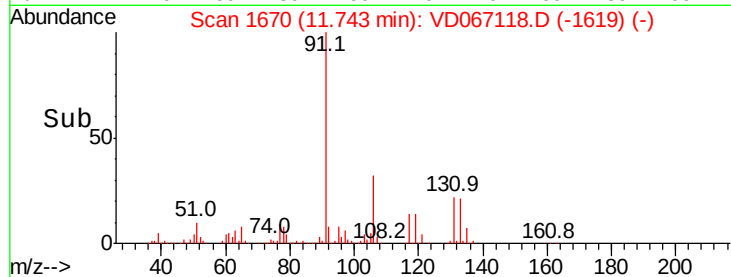
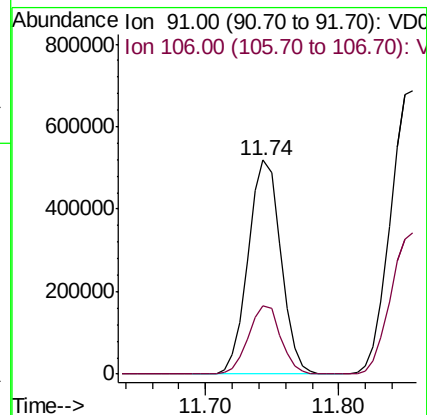
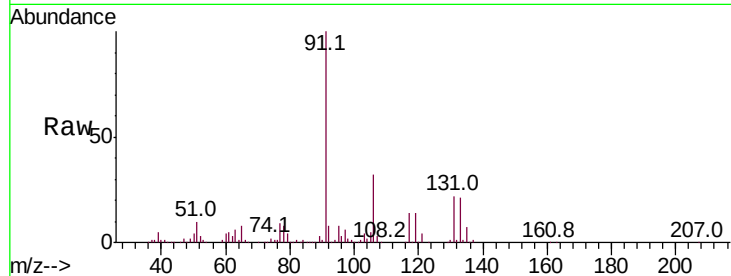
VSTDCCC050EC

Tot Ion: 91 Resp: 875782

Ion Ratio Lower Upper

91 100

106 32.1 25.4 38.2



#68

m/p-Xylenes

Concen: 100.949 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067118.D

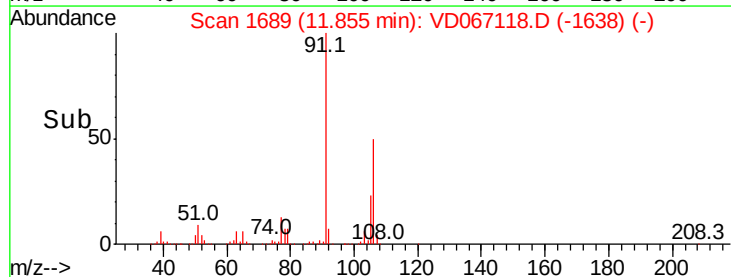
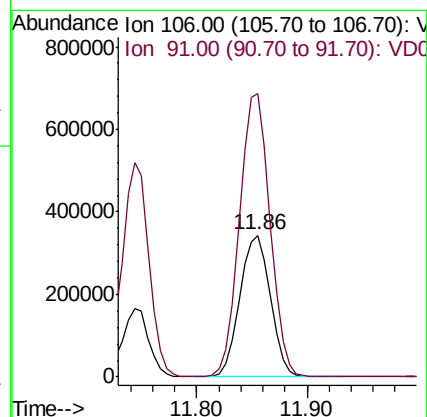
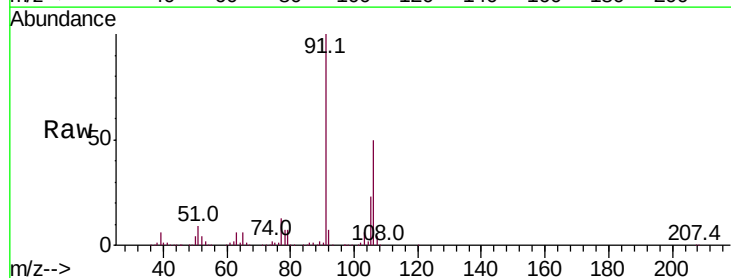
Acq: 06 Oct 2020 19:57

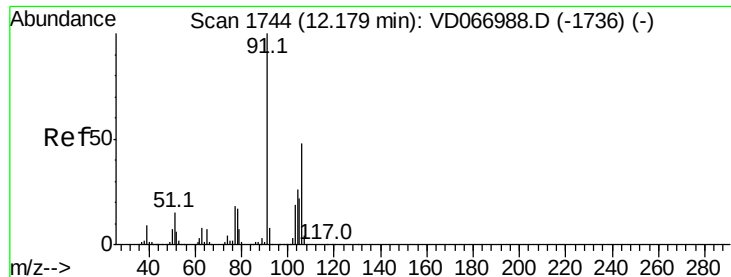
Tgt Ion: 106 Resp: 670483

Ion Ratio Lower Upper

106 100

91 199.2 158.4 237.6

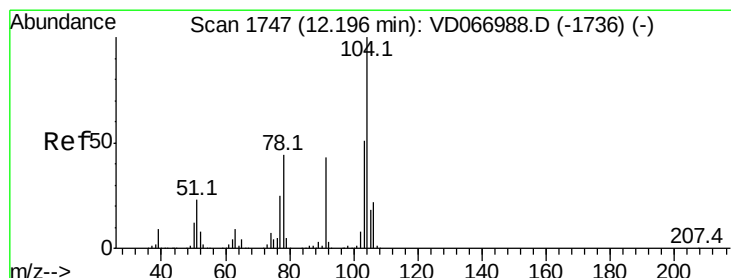
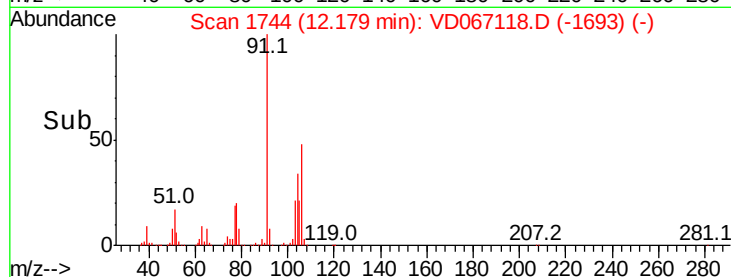
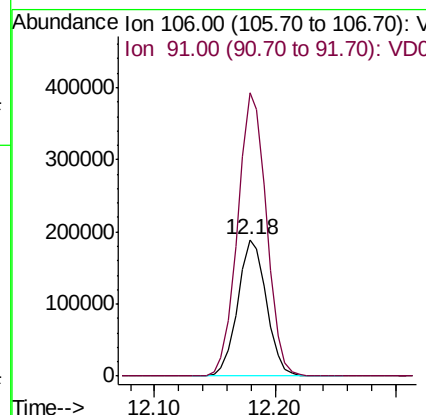
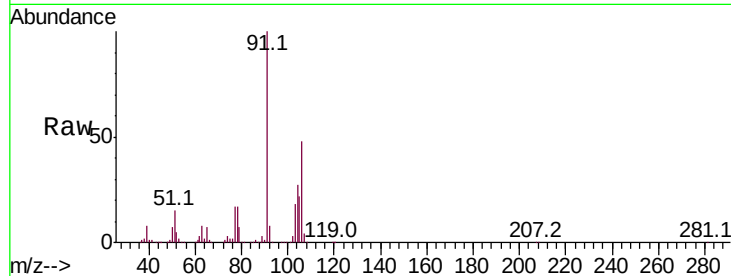




#69
o-Xylene
Concen: 52.601 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

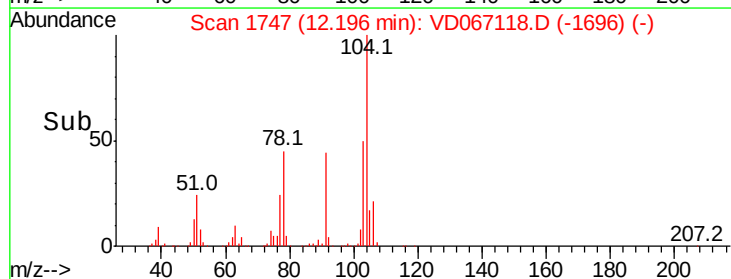
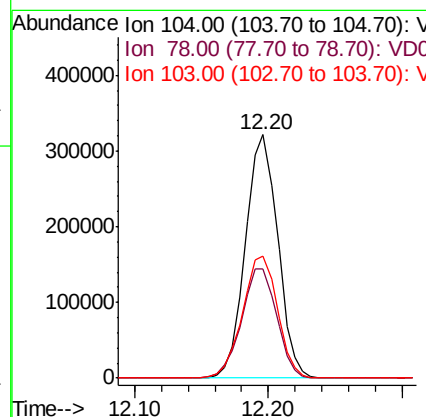
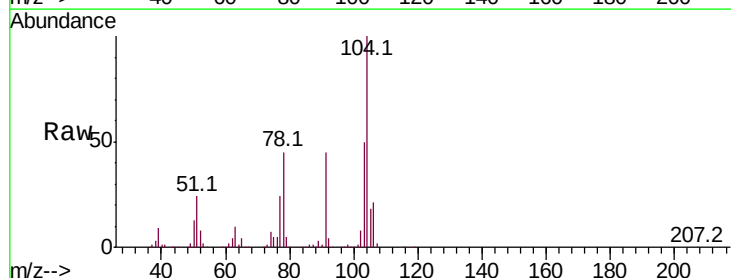
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

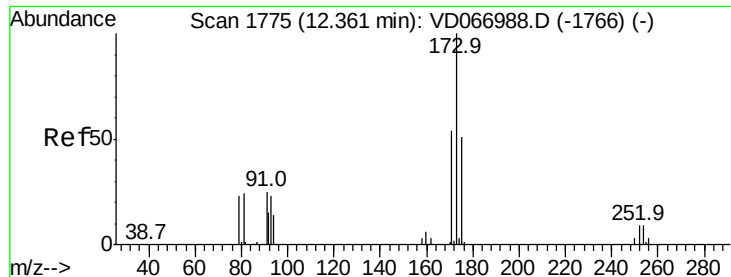
Tot Ion:106 Resp: 312416
Ion Ratio Lower Upper
106 100
91 208.8 102.4 307.2



#70
Styrene
Concen: 52.630 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Tgt Ion:104 Resp: 536771
Ion Ratio Lower Upper
104 100
78 49.2 38.6 58.0
103 54.5 43.4 65.0

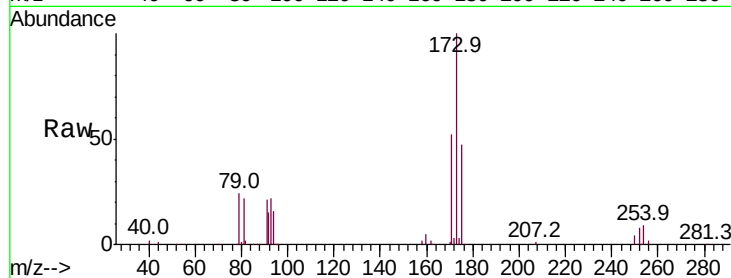




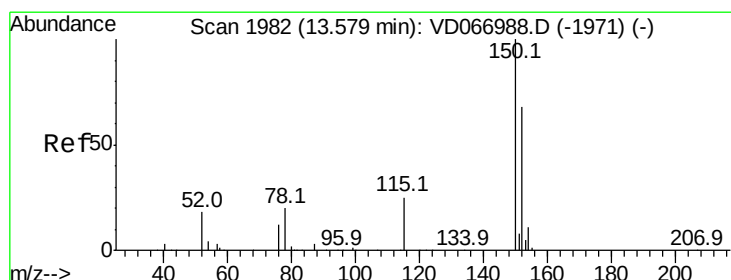
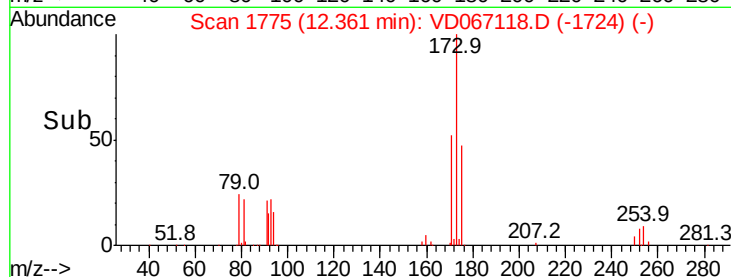
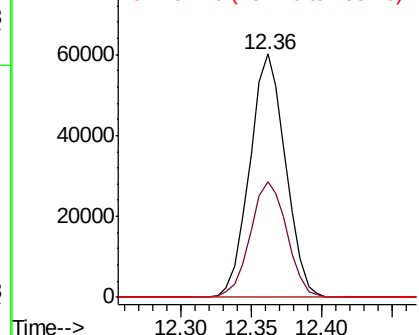
#71
Bromoform
Concen: 54.427 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 106894
Ion Ratio Lower Upper
173 100
175 48.6 24.9 74.7
254 0.0 0.2 0.4#

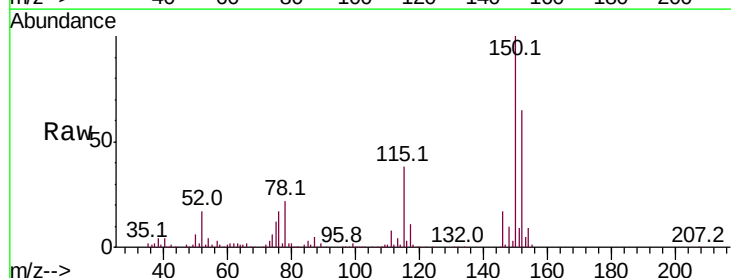


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

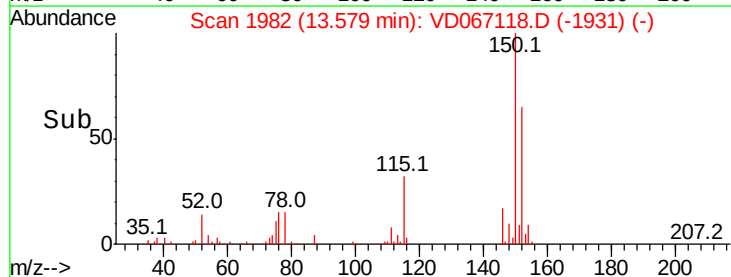
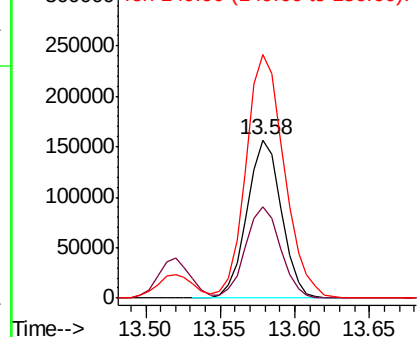


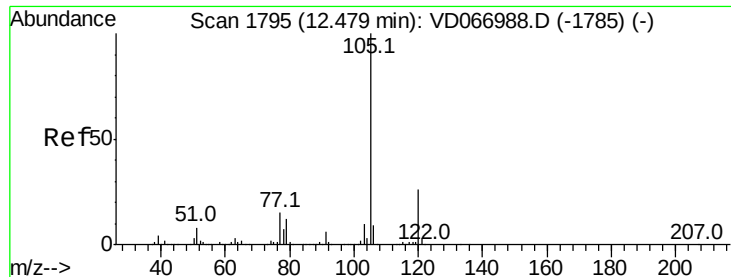
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Tgt Ion:152 Resp: 249026
Ion Ratio Lower Upper
152 100
115 59.3 29.6 88.8
150 171.6 0.0 344.8



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





#73

Isopropylbenzene

Concen: 50.067 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Instrument :

MSVOA_D

ClientSampleId :

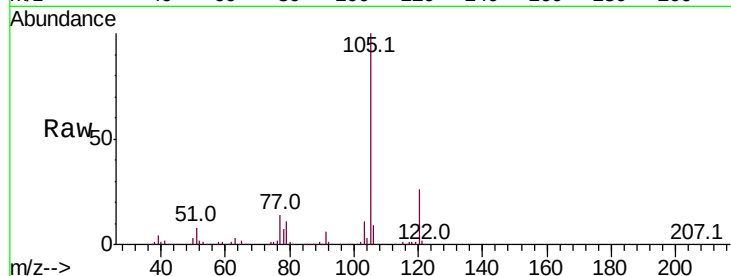
VSTDCCC050EC

Tot Ion:105 Resp: 846600

Ion Ratio Lower Upper

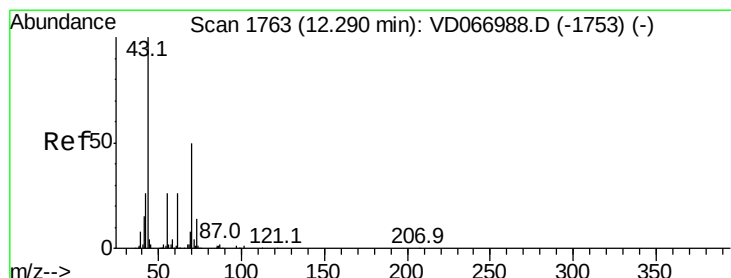
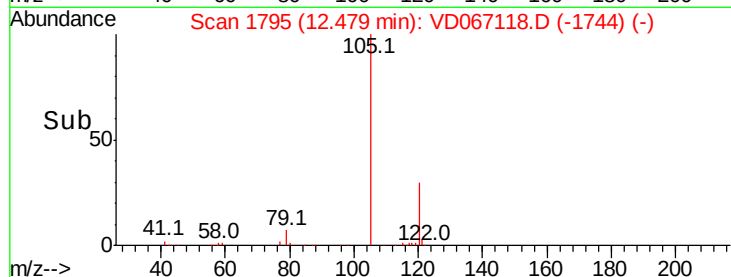
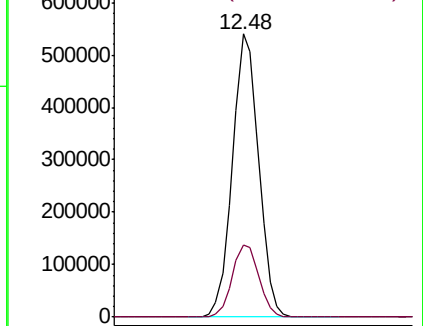
105 100

120 26.4 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.304 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Tgt Ion: 43 Resp: 143792

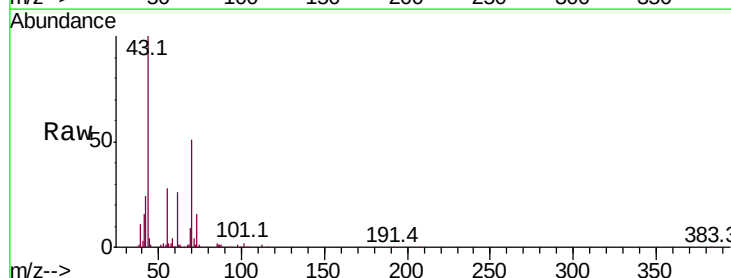
Ion Ratio Lower Upper

43 100

70 50.6 38.2 57.2

55 28.0 22.4 33.6

61 27.6 20.6 31.0

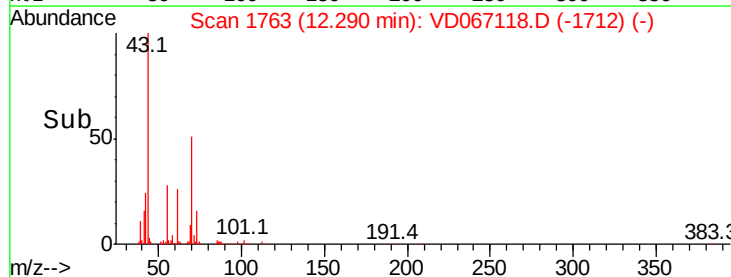
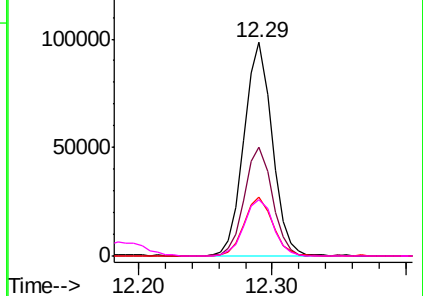


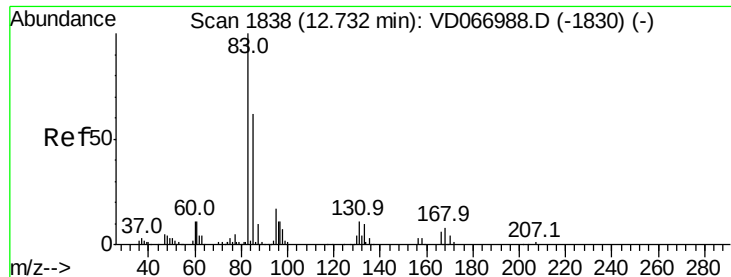
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 48.253 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

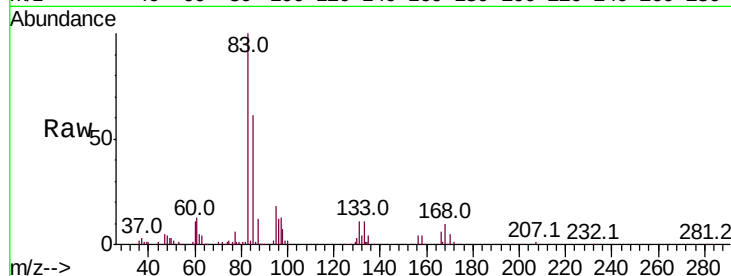
Tot Ion: 83 Resp: 137471

Ion Ratio Lower Upper

83 100

131 12.3 5.7 17.0

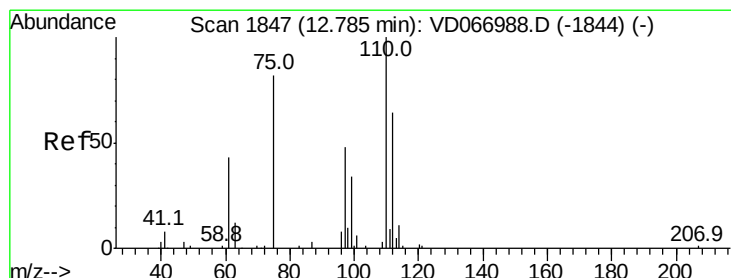
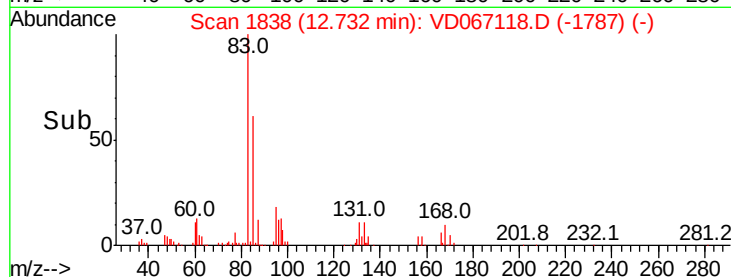
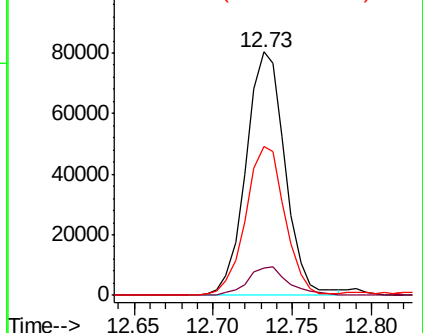
85 61.6 32.0 96.2



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: 81.754 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD067118.D

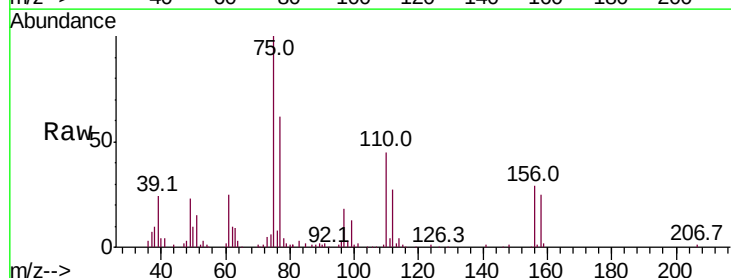
Acq: 06 Oct 2020 19:57

Tgt Ion: 75 Resp: 177333

Ion Ratio Lower Upper

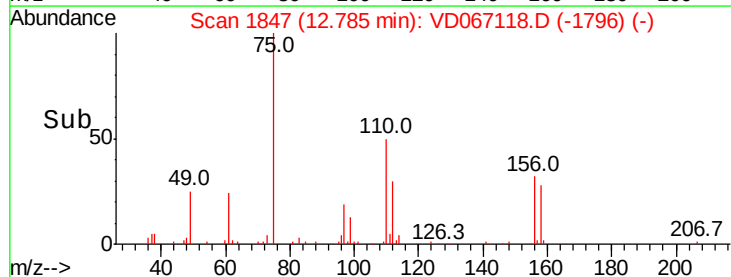
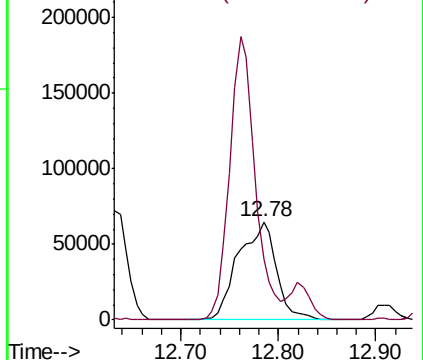
75 100

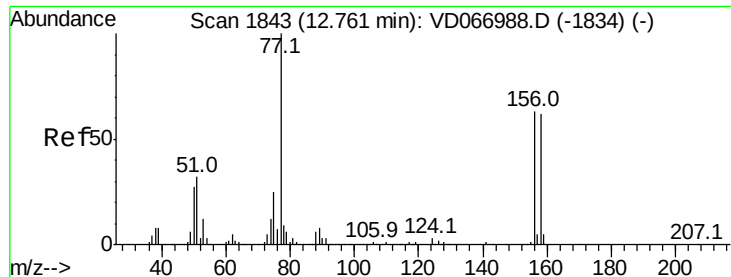
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 51.576 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

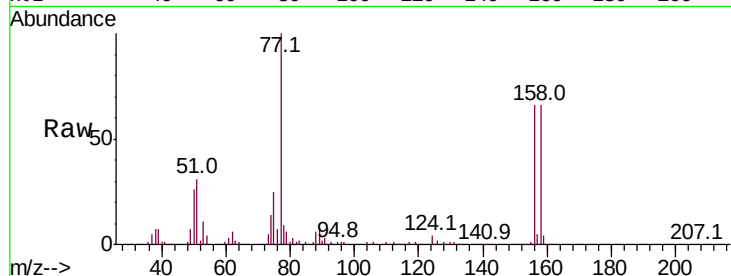
Tot Ion:156 Resp: 210582

Ion Ratio Lower Upper

156 100

77 162.1 86.3 258.8

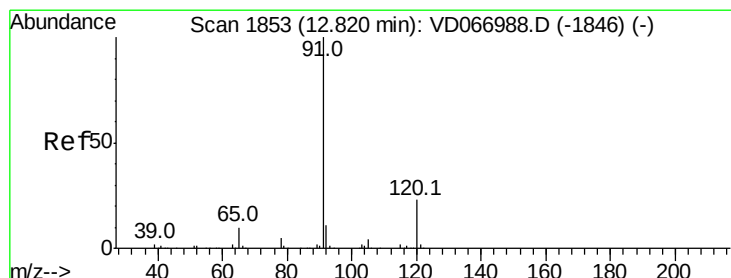
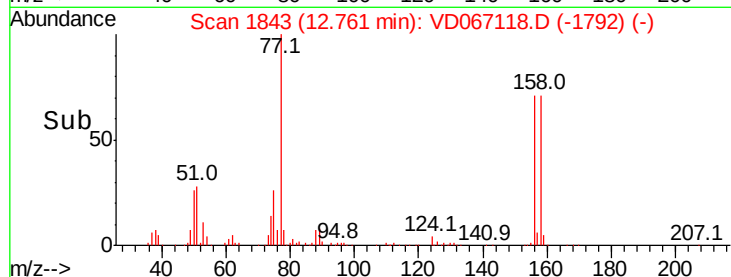
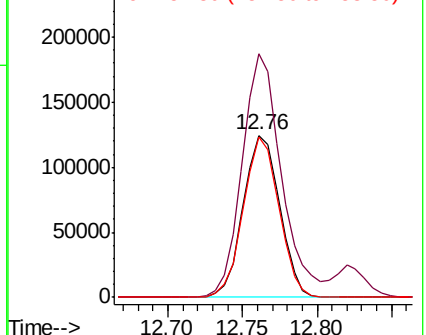
158 96.8 49.5 148.3



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: 48.425 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD067118.D

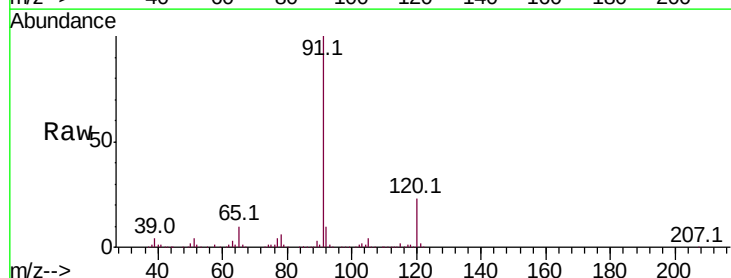
Acq: 06 Oct 2020 19:57

Tgt Ion: 91 Resp: 967718

Ion Ratio Lower Upper

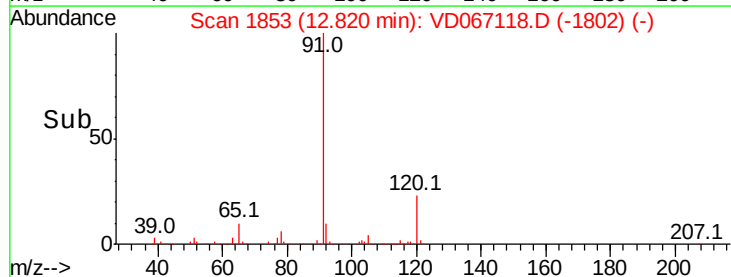
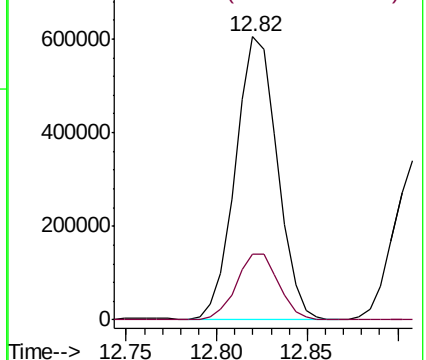
91 100

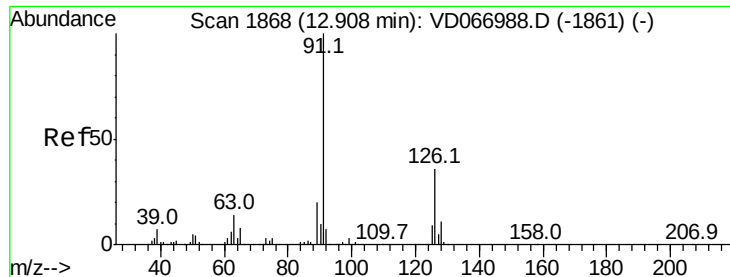
120 23.7 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.417 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Instrument :

MSVOA_D

ClientSampleId :

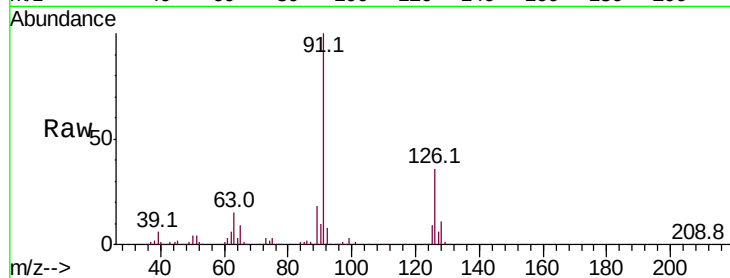
VSTDCCC050EC

Tot Ion: 91 Resp: 565017

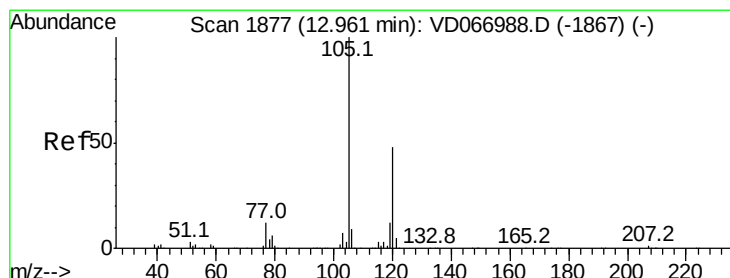
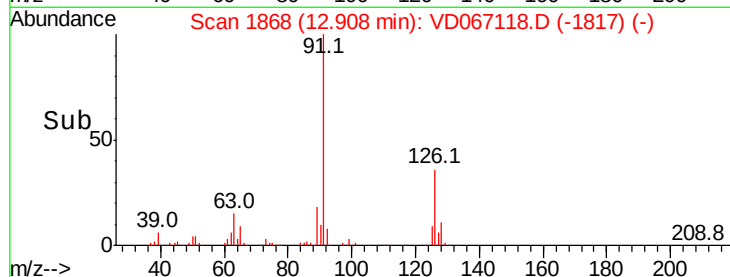
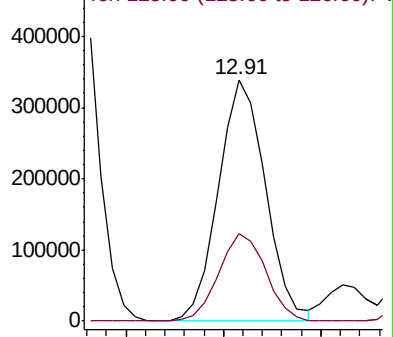
Ion Ratio Lower Upper

91 100

126 36.2 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 50.277 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD067118.D

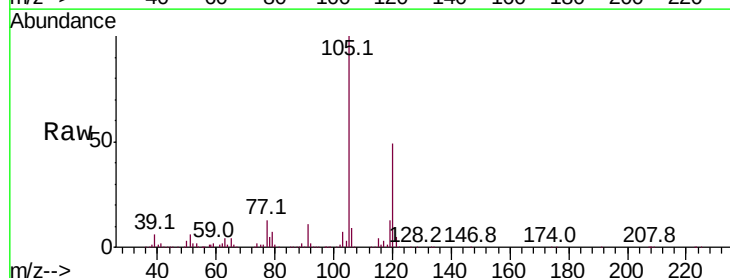
Acq: 06 Oct 2020 19:57

Tgt Ion: 105 Resp: 718279

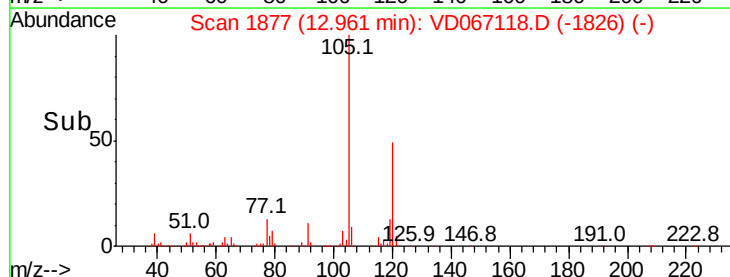
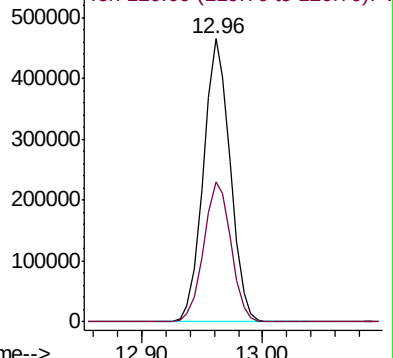
Ion Ratio Lower Upper

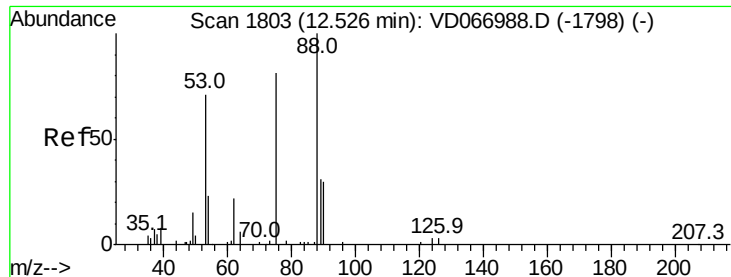
105 100

120 50.5 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 47.168 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

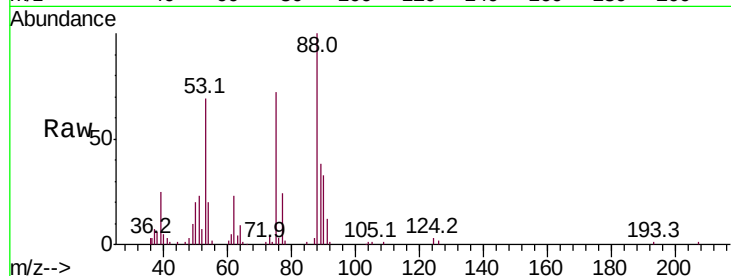
Tot Ion: 75 Resp: 41038

Ion Ratio Lower Upper

75 100

53 91.8 73.8 110.6

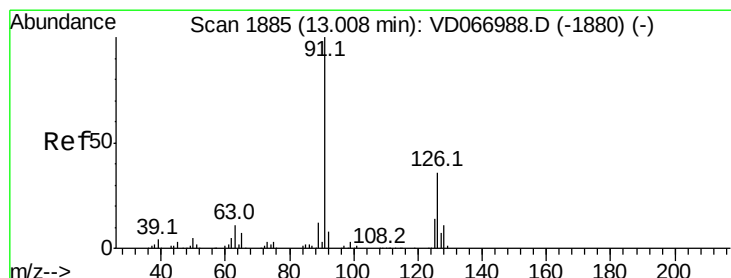
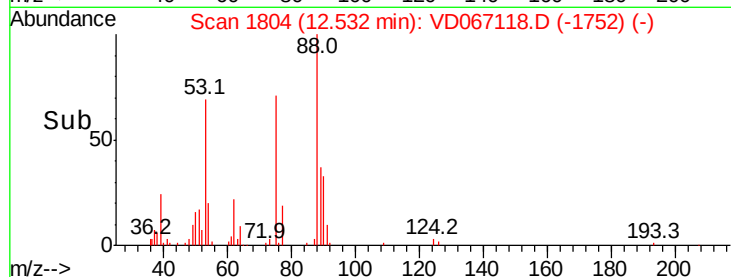
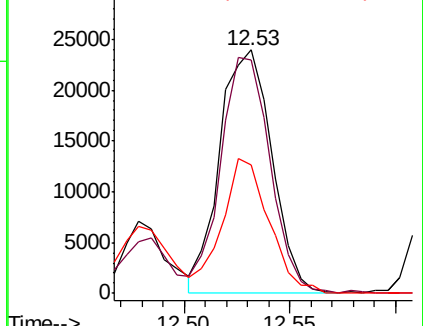
89 49.9 38.9 58.3



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 48.756 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD067118.D

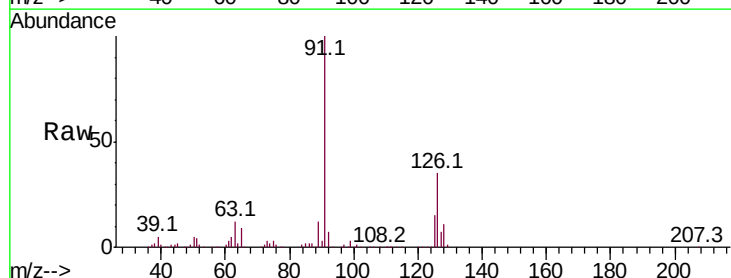
Acq: 06 Oct 2020 19:57

Tgt Ion: 91 Resp: 593103

Ion Ratio Lower Upper

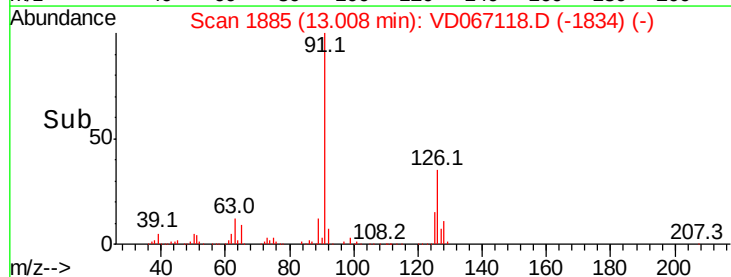
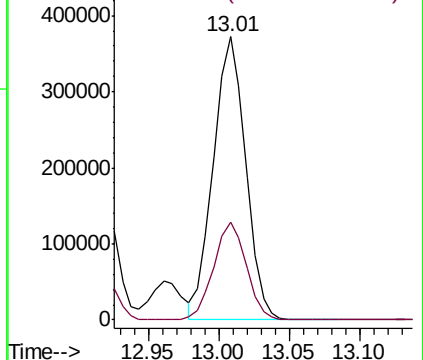
91 100

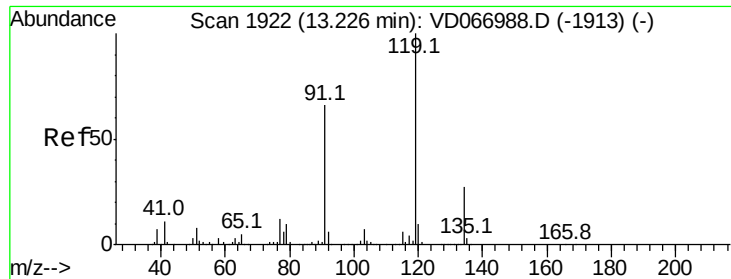
126 34.6 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

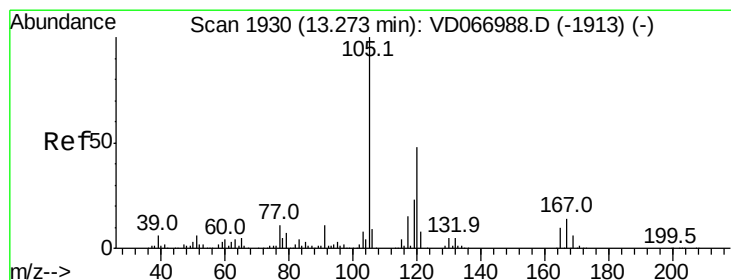
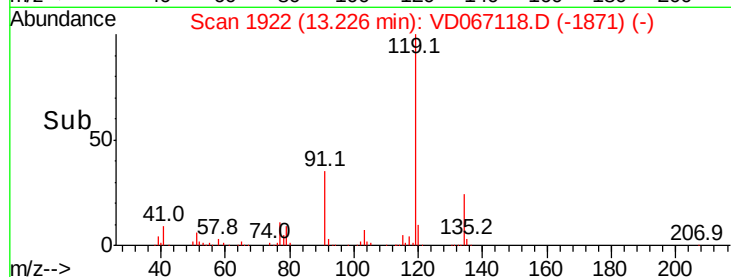
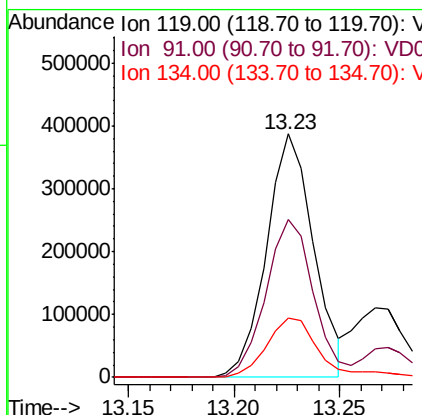
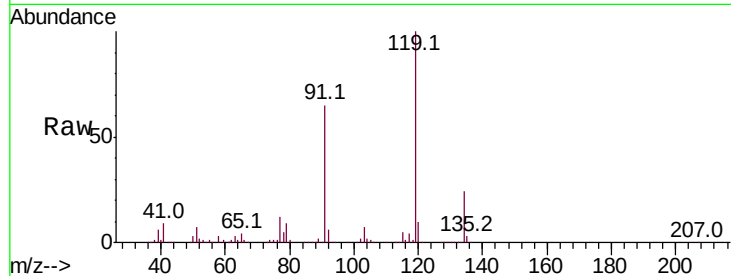




#83
tert-Butylbenzene
Concen: 49.883 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

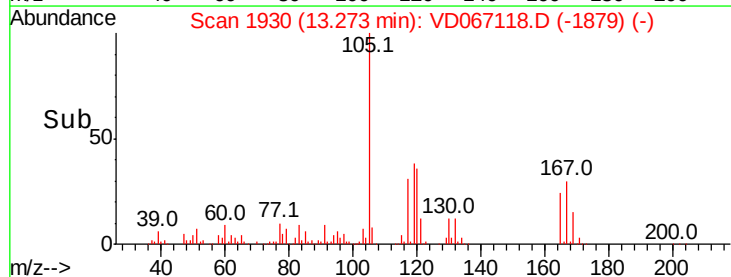
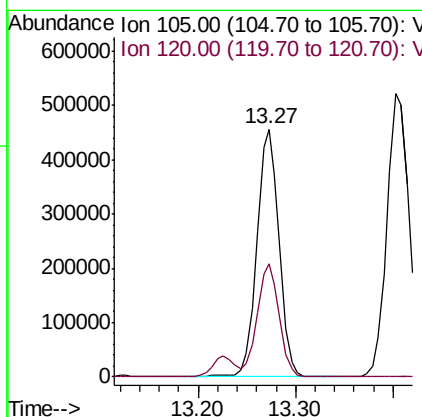
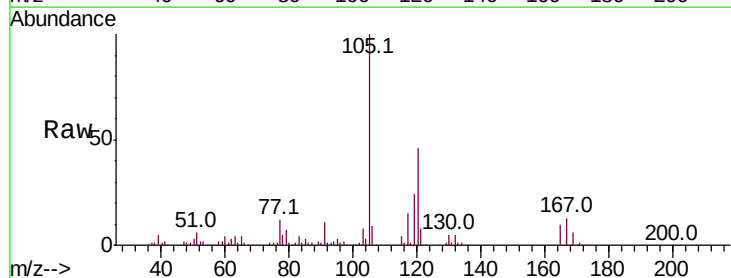
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

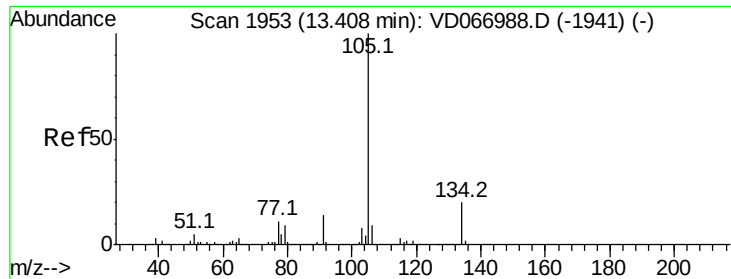
Tot Ion:119 Resp: 600119
Ion Ratio Lower Upper
119 100
91 65.8 32.8 98.3
134 27.4 13.9 41.7



#84
1,2,4-Trimethylbenzene
Concen: 51.042 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Tgt Ion:105 Resp: 727712
Ion Ratio Lower Upper
105 100
120 45.2 23.3 69.8





#85

sec-Butylbenzene

Concen: 48.643 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Instrument :

MSVOA_D

ClientSampleId :

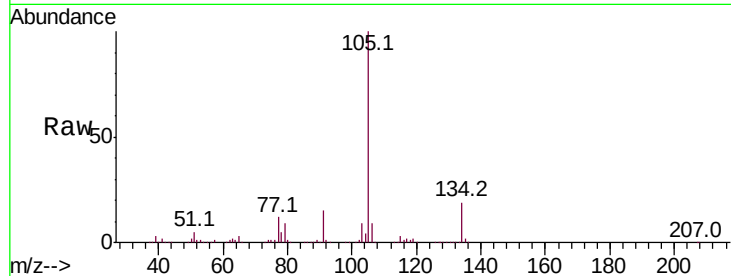
VSTDCCC050EC

Tot Ion:105 Resp: 824110

Ion Ratio Lower Upper

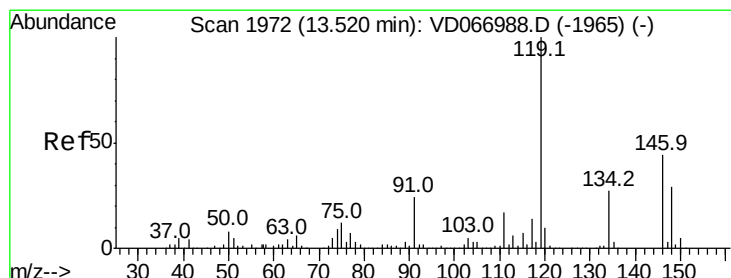
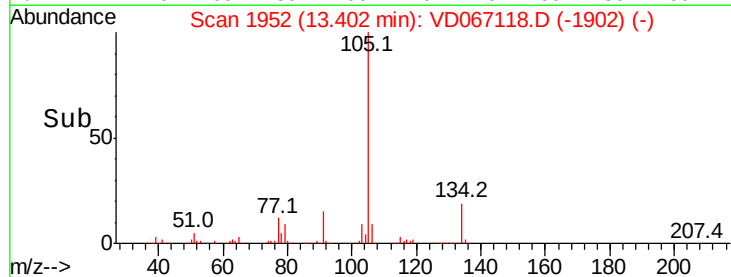
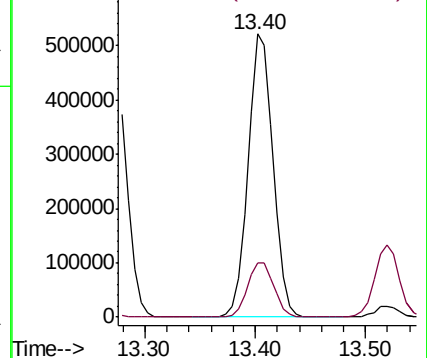
105 100

134 20.3 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.966 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

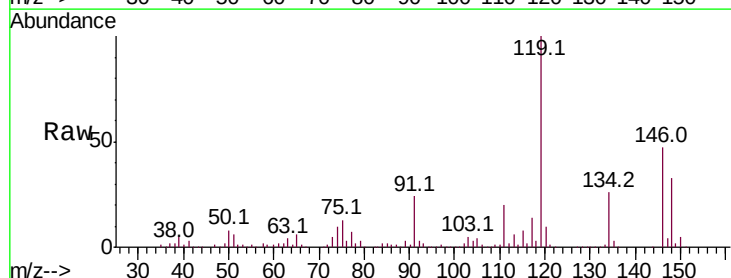
Tgt Ion:119 Resp: 769102

Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.1

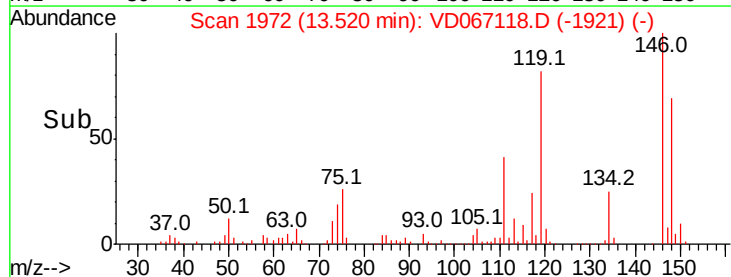
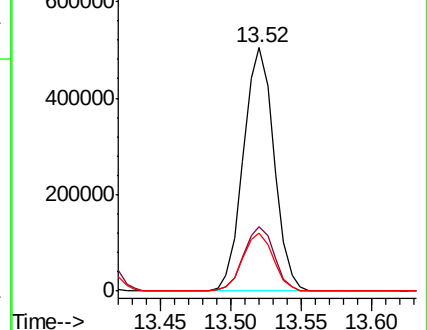
91 23.7 11.7 35.1

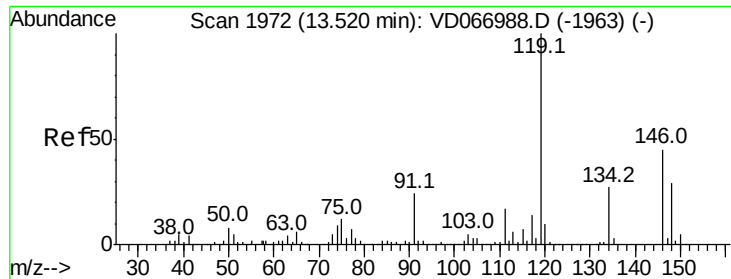


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

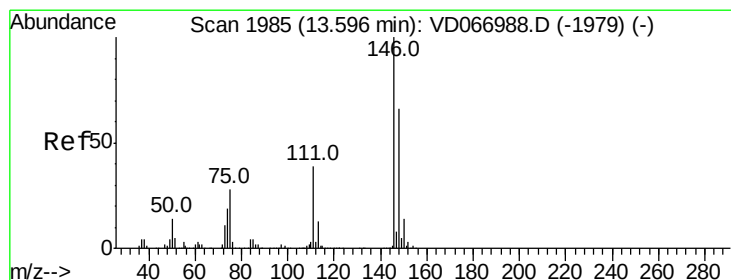
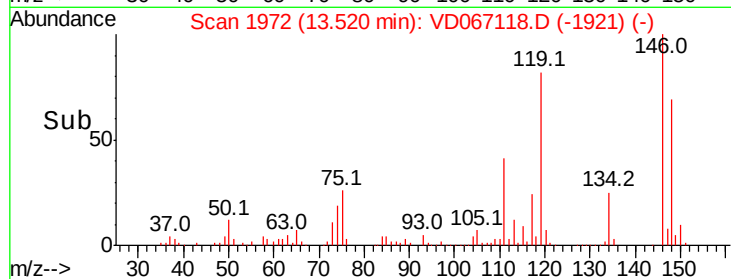
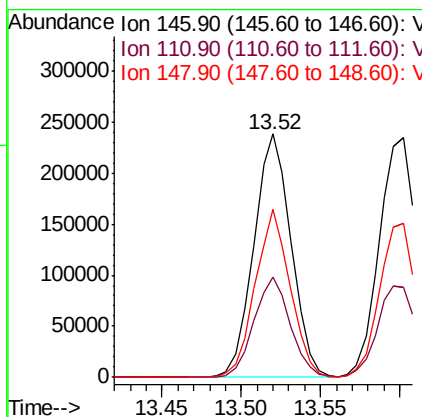
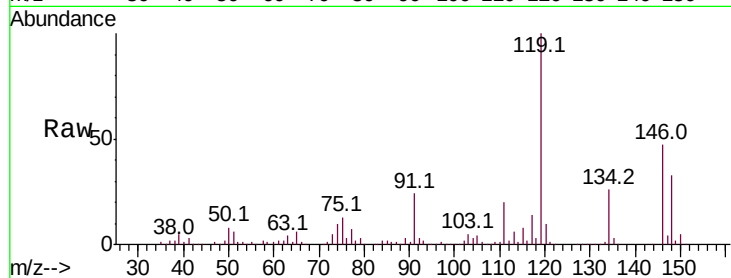




#87
 1,3-Dichlorobenzene
 Concen: 48.931 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

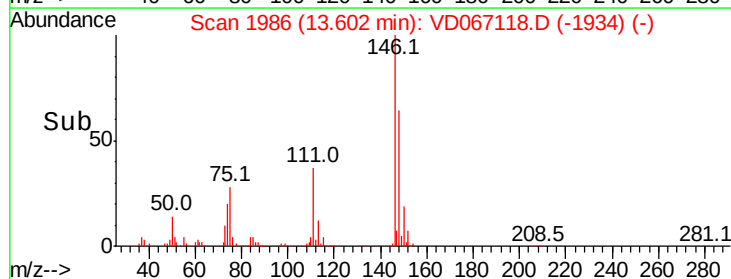
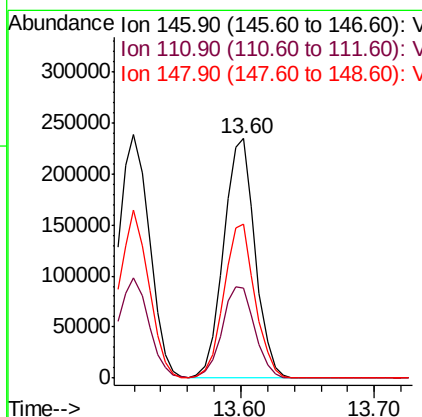
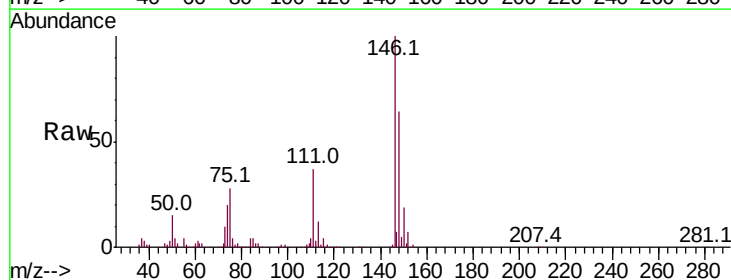
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

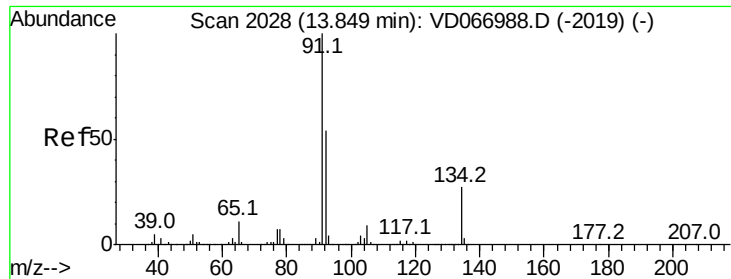
Tot Ion:146 Resp: 389144
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.0 60.0
 148 64.6 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 48.592 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

Tgt Ion:146 Resp: 386406
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.6 58.7
 148 63.6 32.6 97.7

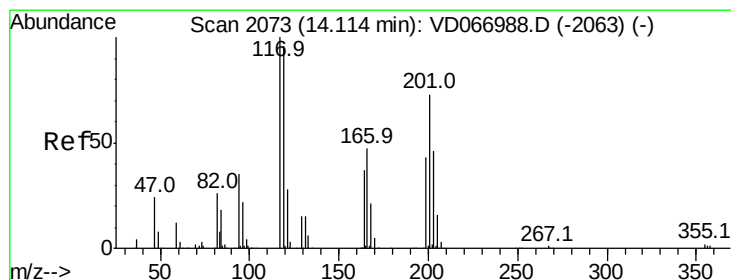
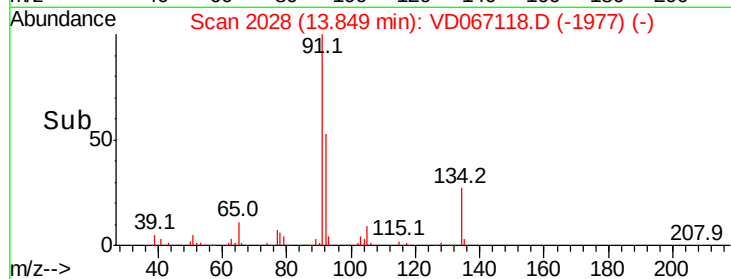
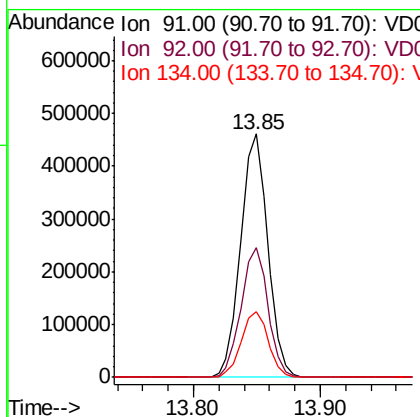
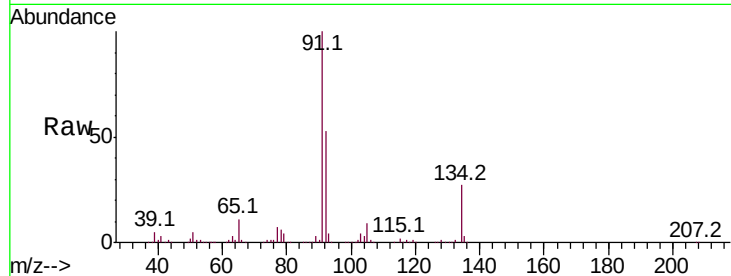




#89
n-Butylbenzene
Concen: 47.603 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

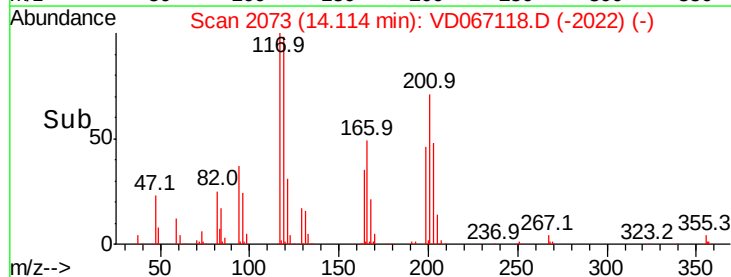
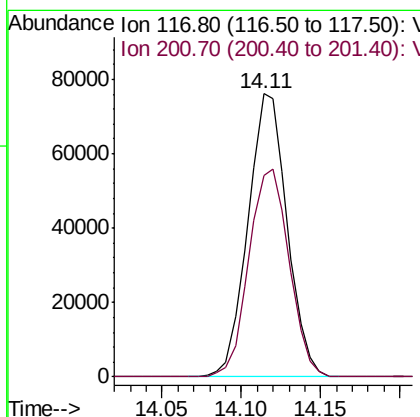
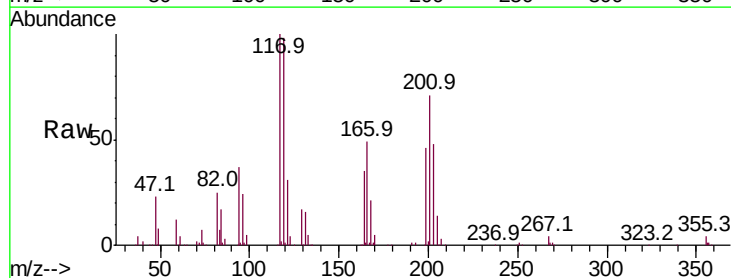
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

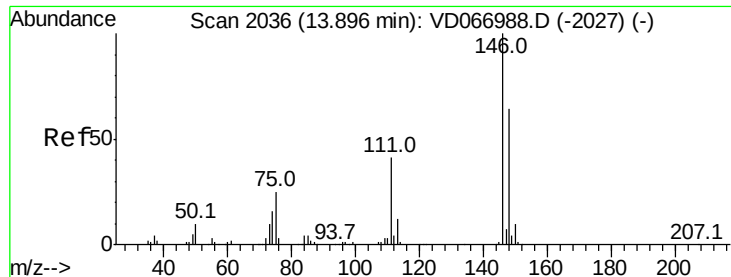
Tot Ion: 91 Resp: 683330
Ion Ratio Lower Upper
91 100
92 53.1 27.1 81.2
134 27.0 13.6 40.8



#90
Hexachloroethane
Concen: 47.696 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067118.D
Acq: 06 Oct 2020 19:57

Tgt Ion: 117 Resp: 131227
Ion Ratio Lower Upper
117 100
201 75.3 37.0 110.9

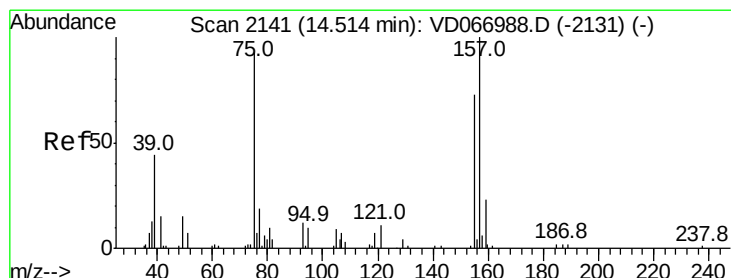
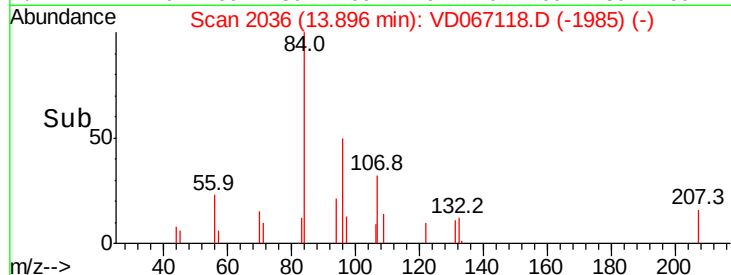
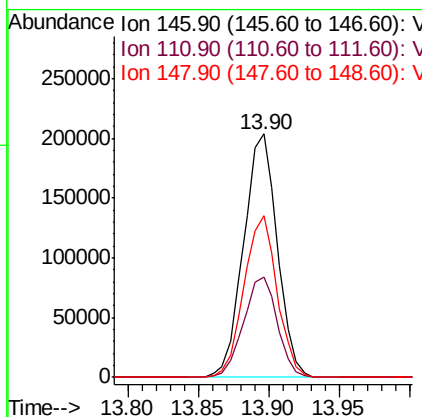
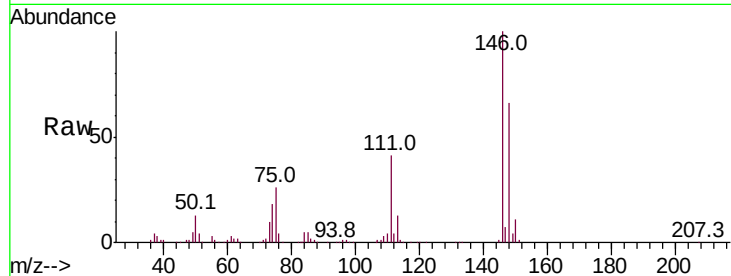




#91
 1,2-Dichlorobenzene
 Concen: 49.179 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

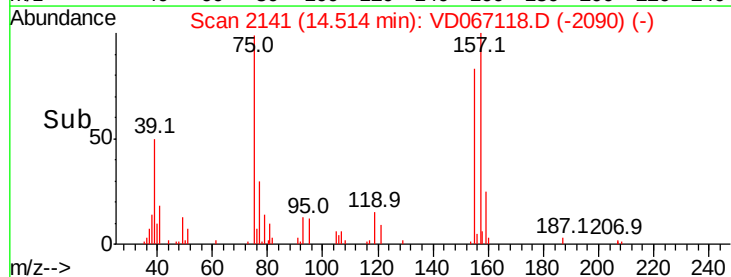
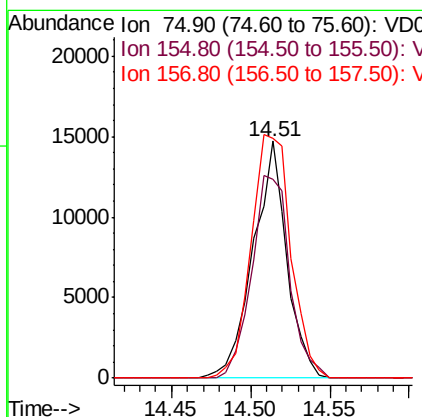
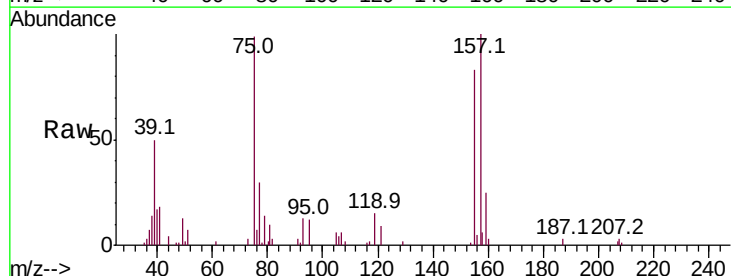
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

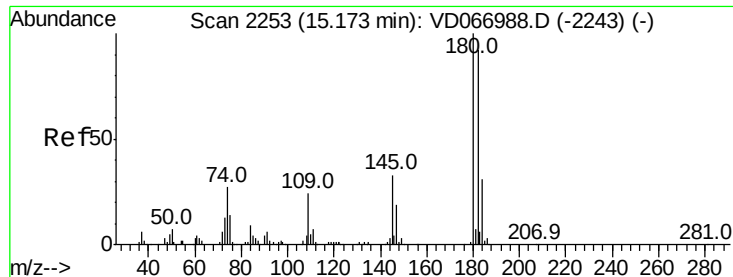
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.9	62.7
148	65.1	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.404 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.4	45.2	135.6
157	121.5	56.3	168.8

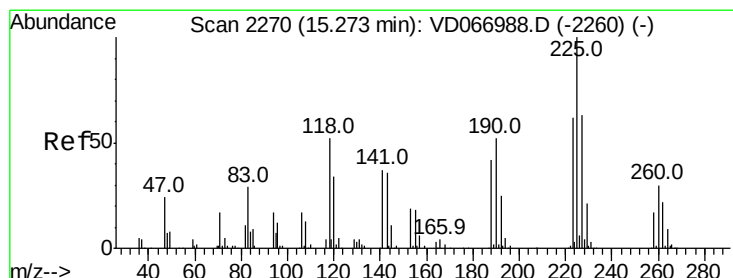
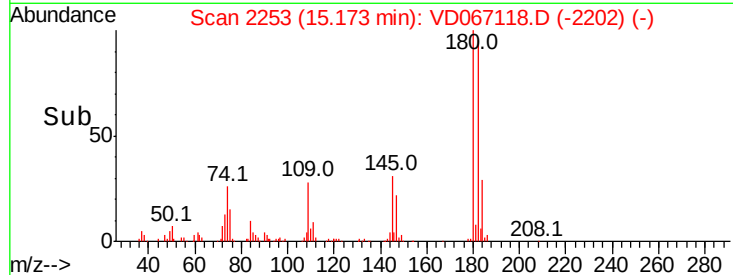
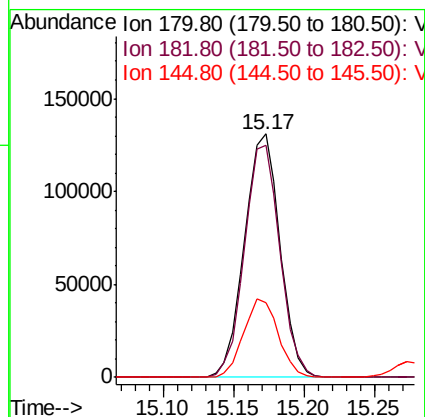
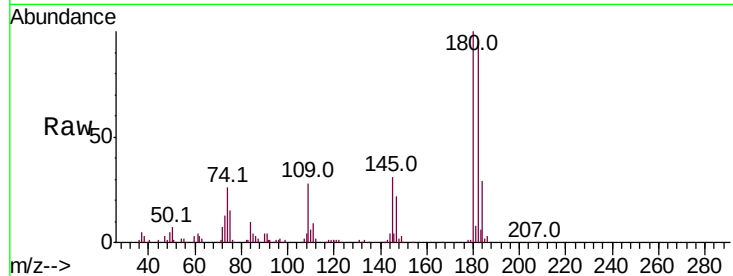




#93
 1,2,4-Trichlorobenzene
 Concen: 51.403 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

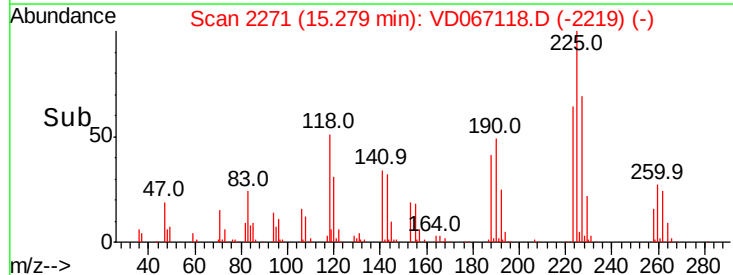
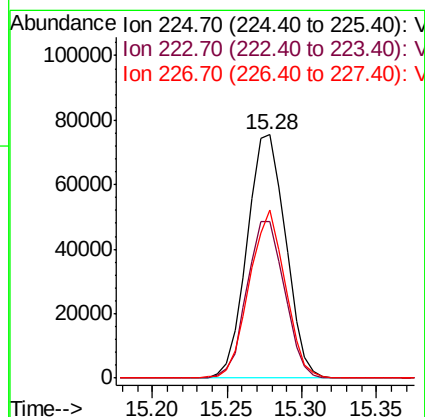
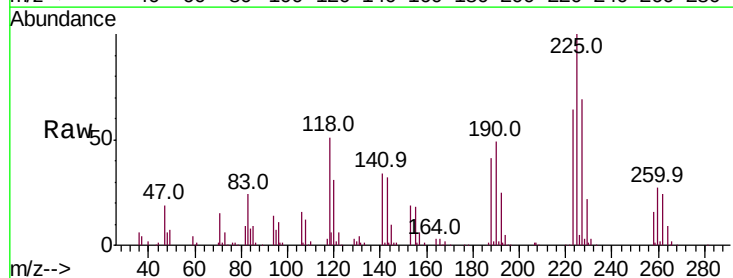
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

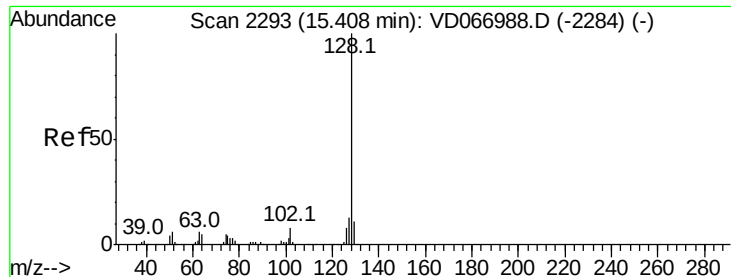
Tot Ion:180	Resp:	230931
Ion Ratio	Lower	Upper
180	100	
182	95.4	47.3 142.0
145	31.6	16.4 49.1



#94
 Hexachlorobutadiene
 Concen: 48.911 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD067118.D
 Acq: 06 Oct 2020 19:57

Tgt Ion:225	Resp:	134950
Ion Ratio	Lower	Upper
225	100	
223	62.9	32.4 97.0
227	64.1	31.6 95.0





#95

Naphthalene

Concen: 54.864 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

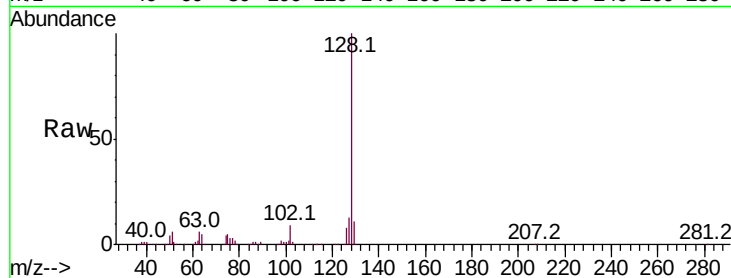
Tot Ion:128 Resp: 411123

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.9 8.6 13.0

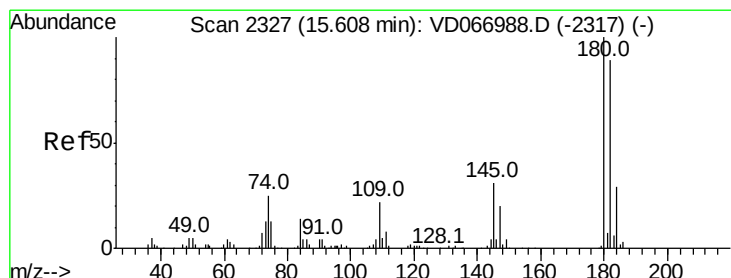
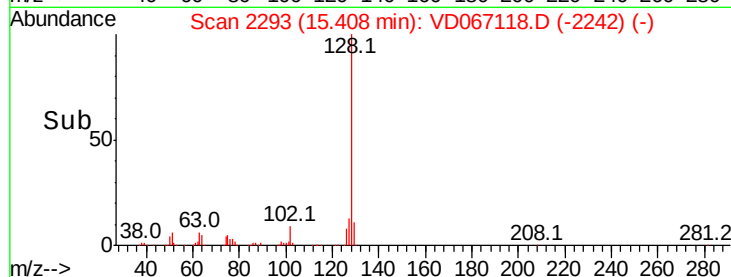
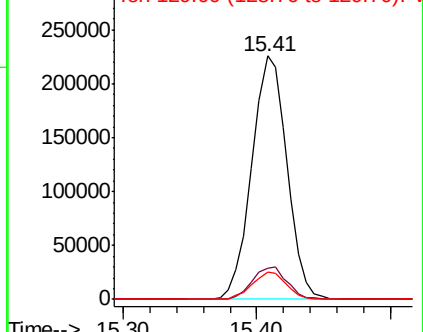


Abundance

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: 53.735 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.01 min

Lab File: VD067118.D

Acq: 06 Oct 2020 19:57

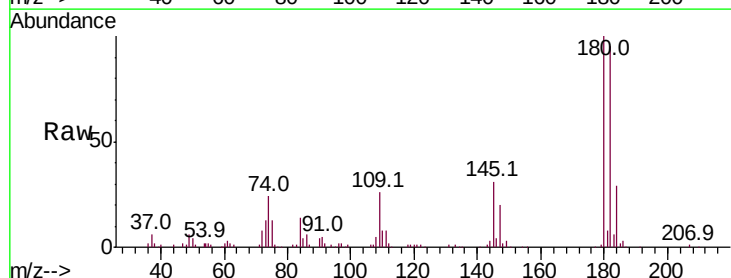
Tgt Ion:180 Resp: 209566

Ion Ratio Lower Upper

180 100

182 94.3 46.4 139.1

145 31.9 16.6 49.7



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

