

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111920\
 Data File : VD067698.D
 Acq On : 19 Nov 2020 10:19
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 20 00:28:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	288764	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	413403	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	371687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	187949	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	109644	43.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.84%	
35) Dibromofluoromethane	7.91	113	110193	44.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.48%	
50) Toluene-d8	10.34	98	384378	43.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.82%	
62) 4-Bromofluorobenzene	12.64	95	138503	45.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	113176	48.260	ug/l	97
3) Chloromethane	2.21	50	70751	39.346	ug/l	99
4) Vinyl Chloride	2.35	62	87404	43.597	ug/l	98
5) Bromomethane	2.77	94	71135	43.777	ug/l	90
6) Chloroethane	2.93	64	54661	44.224	ug/l	99
7) Trichlorofluoromethane	3.28	101	257894	49.681	ug/l	98
8) Diethyl Ether	3.70	74	49682	47.498	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	128830	49.167	ug/l	99
10) Methyl Iodide	4.30	142	135857	48.376	ug/l	98
11) Tert butyl alcohol	5.21	59	36442	342.382	ug/l	97
12) 1,1-Dichloroethene	4.07	96	116273	48.243	ug/l	95
13) Acrolein	3.93	56	23106	211.145	ug/l	99
14) Allyl chloride	4.71	41	118632	45.991	ug/l	95
15) Acrylonitrile	5.41	53	91760	237.321	ug/l	98
16) Acetone	4.16	43	107641	284.884	ug/l	96
17) Carbon Disulfide	4.41	76	317619	43.006	ug/l	100
18) Methyl Acetate	4.71	43	37289	47.758	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	247569	52.075	ug/l	96
20) Methylene Chloride	4.96	84	125615	47.064	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	129463	46.118	ug/l	96
22) Diisopropyl ether	6.36	45	243716	48.484	ug/l	96
23) Vinyl Acetate	6.31	43	669638	254.496	ug/l	100
24) 1,1-Dichloroethane	6.26	63	200378	48.727	ug/l	97
25) 2-Butanone	7.21	43	102967	255.037	ug/l	91
26) 2,2-Dichloropropane	7.21	77	226744	52.244	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	146384	50.239	ug/l	98
28) Bromochloromethane	7.55	49	70949	48.503	ug/l	95
29) Tetrahydrofuran	7.57	42	58093	240.215	ug/l	95
30) Chloroform	7.71	83	245394	50.019	ug/l	99
31) Cyclohexane	7.98	56	166681	45.516	ug/l	# 87
32) 1,1,1-Trichloroethane	7.91	97	255162	50.408	ug/l	99
36) 1,1-Dichloropropene	8.12	75	178652	50.486	ug/l	99
37) Ethyl Acetate	7.30	43	47192	51.368	ug/l	100
38) Carbon Tetrachloride	8.10	117	252223	54.859	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	219902	52.799	ug/l	99
40) Benzene	8.35	78	488184	50.930	ug/l	99
41) Methacrylonitrile	7.53	41	31457	57.283	ug/l #	64
42) 1,2-Dichloroethane	8.43	62	154665	52.224	ug/l	99
43) Isopropyl Acetate	8.46	43	90079	49.578	ug/l	98
44) Trichloroethene	9.11	130	159601	50.639	ug/l	96
45) 1,2-Dichloropropane	9.39	63	102201	49.315	ug/l	94
46) Dibromomethane	9.48	93	67894	51.524	ug/l	97
47) Bromodichloromethane	9.67	83	186704	52.130	ug/l	94
48) Methyl methacrylate	9.46	41	44645	47.590	ug/l	91
49) 1,4-Dioxane	9.46	88	13996	1046.275	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	227514	261.829	ug/l	100
52) Toluene	10.41	92	341185	53.142	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	163988	53.461	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	188377	51.689	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	89838	51.528	ug/l	99
56) Ethyl methacrylate	10.67	69	94862	52.688	ug/l	96
57) 1,3-Dichloropropane	10.95	76	148469	52.919	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	219959	261.981	ug/l	99
59) 2-Hexanone	10.98	43	175037	288.096	ug/l	96
60) Dibromochloromethane	11.14	129	139549	54.108	ug/l	100
61) 1,2-Dibromoethane	11.25	107	89729	51.279	ug/l	100
64) Tetrachloroethene	10.88	164	141867	51.538	ug/l	96
65) Chlorobenzene	11.67	112	371583	51.899	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	147135	52.141	ug/l	99
67) Ethyl Benzene	11.75	91	659154	53.801	ug/l	99
68) m/p-Xylenes	11.85	106	510809	107.168	ug/l	99
69) o-Xylene	12.18	106	229354	53.895	ug/l	99
70) Styrene	12.20	104	398166	53.694	ug/l	99
71) Bromoform	12.37	173	76997	53.501	ug/l #	98
73) Isopropylbenzene	12.48	105	668507	55.036	ug/l	99
74) N-amyl acetate	12.29	43	83458	52.216	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	84193	50.830	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	121373	107.048	ug/l #	100
77) Bromobenzene	12.77	156	154586	51.820	ug/l	97
78) n-propylbenzene	12.83	91	737629	53.090	ug/l	99
79) 2-Chlorotoluene	12.91	91	421687	53.430	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	571996	55.125	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	27764	49.716	ug/l	97
82) 4-Chlorotoluene	13.01	91	451384	53.326	ug/l	100
83) tert-Butylbenzene	13.23	119	497773	56.603	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	574820	55.652	ug/l	99
85) sec-Butylbenzene	13.41	105	657398	55.376	ug/l	99
86) p-Isopropyltoluene	13.52	119	632553	55.177	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	301778	53.016	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	297792	51.666	ug/l	98
89) n-Butylbenzene	13.84	91	546804	55.220	ug/l	99
90) Hexachloroethane	14.11	117	115674	53.581	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	255782	51.921	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	15558	53.051	ug/l	96

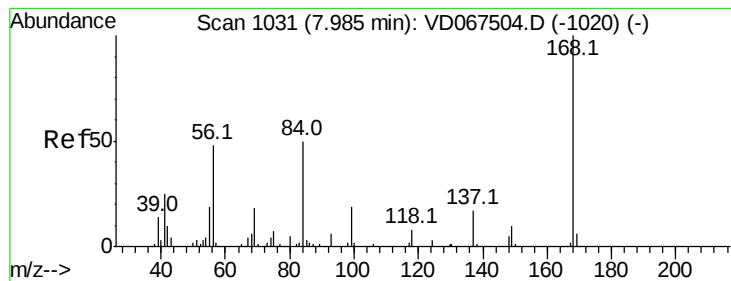
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	187255	56.003	ug/l	99
94) Hexachlorobutadiene	15.27	225	122222	54.617	ug/l	97
95) Naphthalene	15.40	128	293368	56.854	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	155029	54.144	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

Instrument :

MSVOA_D

ClientSampleId :

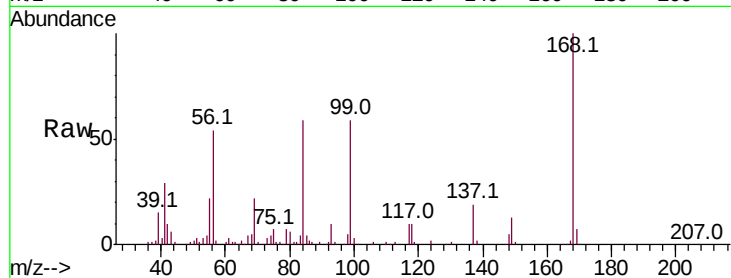
VSTDCCC050

Tot Ion:168 Resp: 288764

Ion Ratio Lower Upper

168 100

99 58.6 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

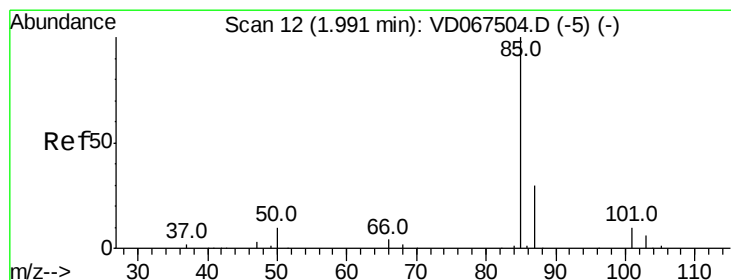
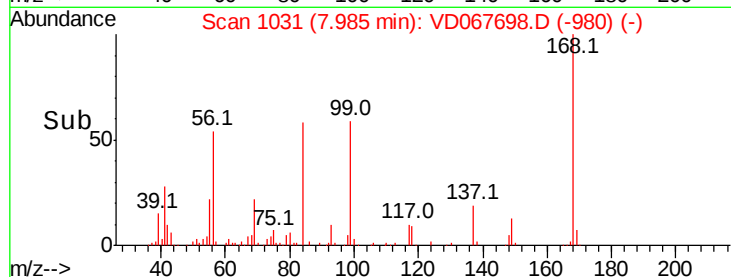
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 48.260 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD067698.D

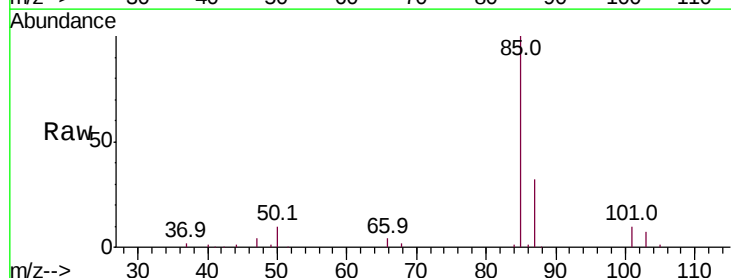
Acq: 19 Nov 2020 10:19

Tgt Ion: 85 Resp: 113176

Ion Ratio Lower Upper

85 100

87 32.4 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

60000

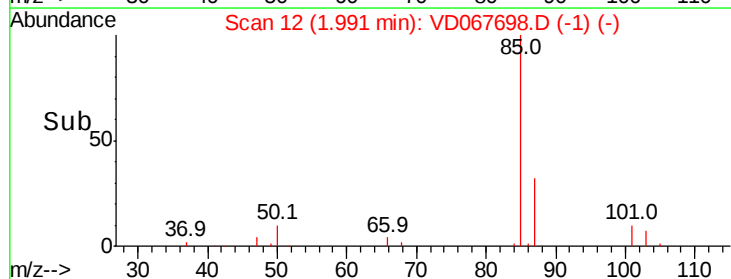
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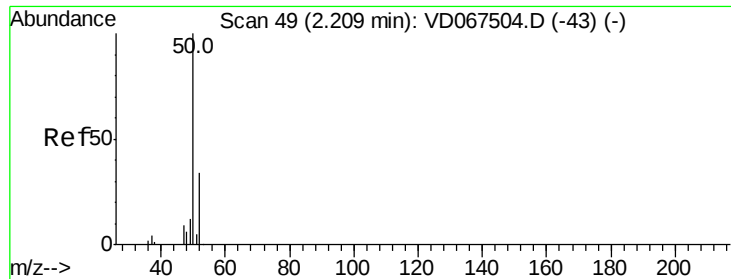
20000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 39.346 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

Instrument :

MSVOA_D

ClientSampleId :

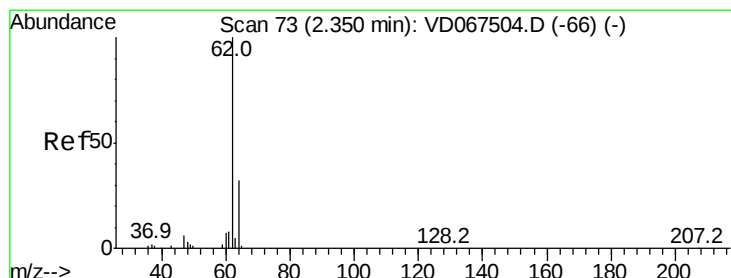
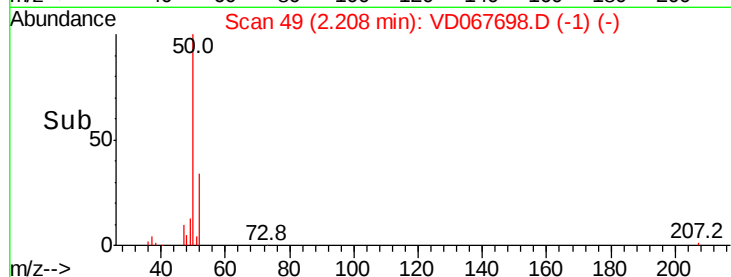
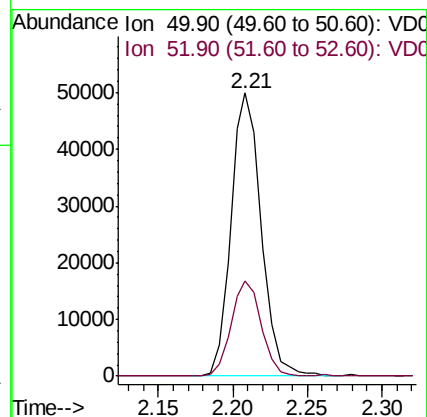
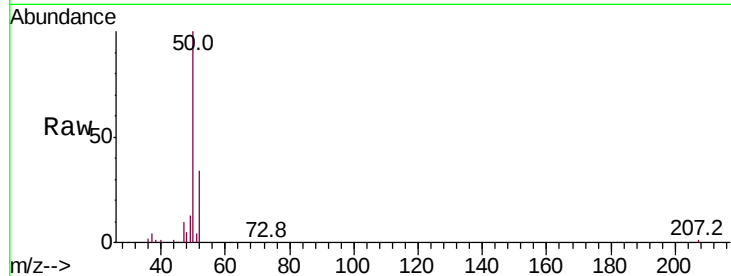
VSTDCCC050

Tot Ion: 50 Resp: 70751

Ion Ratio Lower Upper

50 100

52 33.6 27.3 40.9



#4

Vinyl Chloride

Concen: 43.597 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067698.D

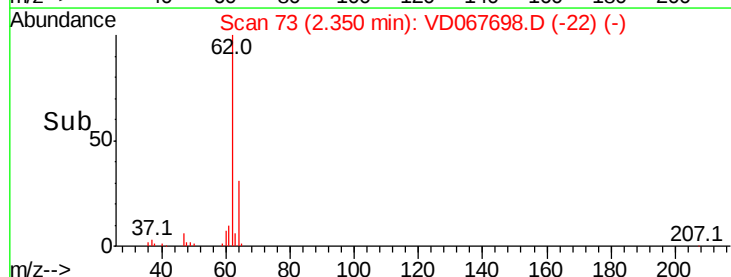
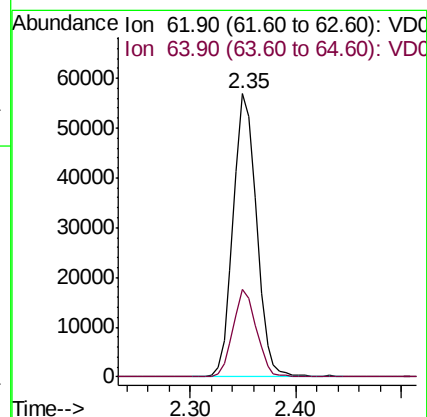
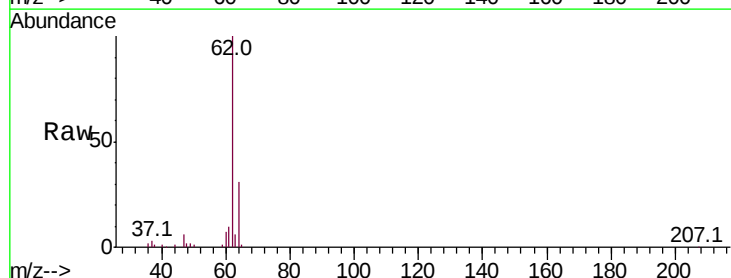
Acq: 19 Nov 2020 10:19

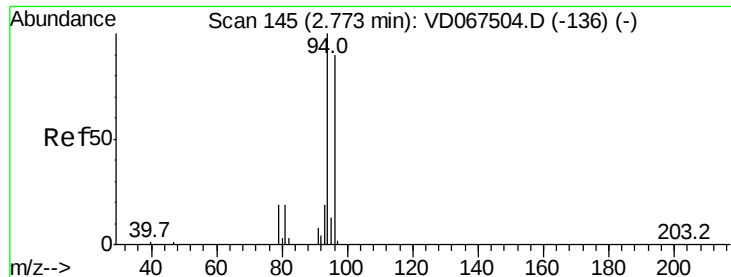
Tgt Ion: 62 Resp: 87404

Ion Ratio Lower Upper

62 100

64 30.9 25.6 38.4





#5

Bromomethane

Concen: 43.777 ug/l

RT: 2.77 min Scan# 145

Delta R.T. -0.00 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

Instrument :

MSVOA_D

ClientSampleId :

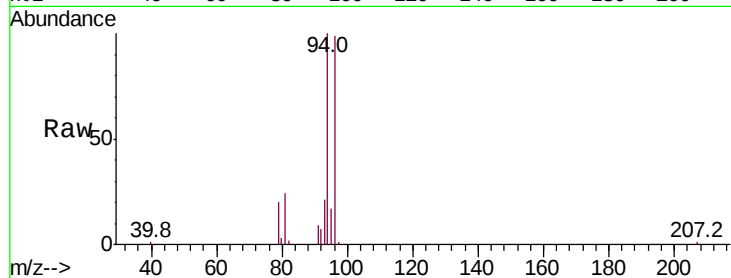
VSTDCCC050

Tot Ion: 94 Resp: 71135

Ion Ratio Lower Upper

94 100

96 99.4 72.2 108.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

30000

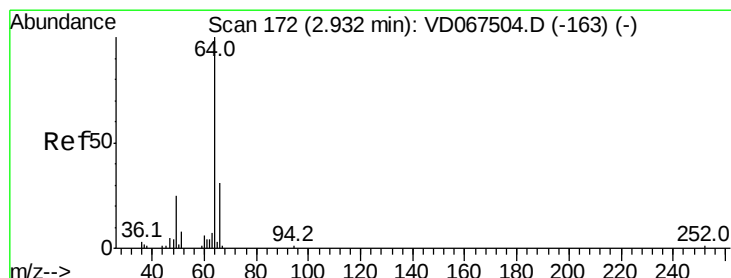
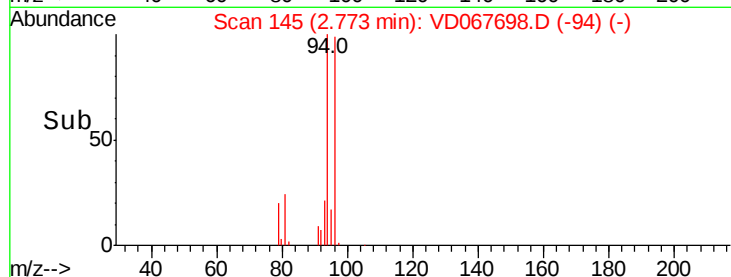
20000

10000

0

2.70 2.80 2.90

Time-->



#6

Chloroethane

Concen: 44.224 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.01 min

Lab File: VD067698.D

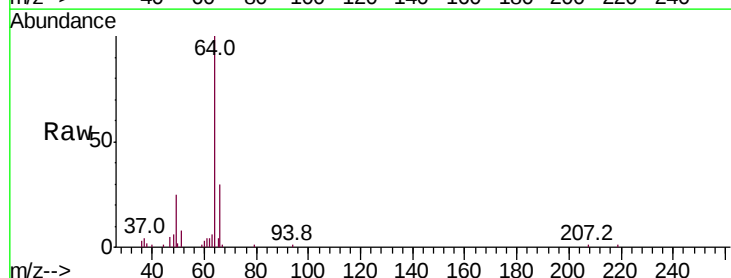
Acq: 19 Nov 2020 10:19

Tgt Ion: 64 Resp: 54661

Ion Ratio Lower Upper

64 100

66 30.3 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.93

30000

25000

20000

15000

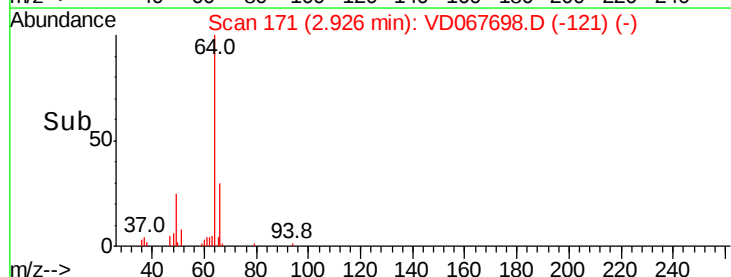
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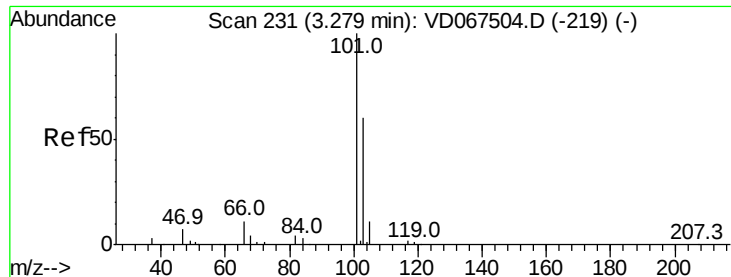
5000

0

2.85 2.90 2.95 3.00

Time-->



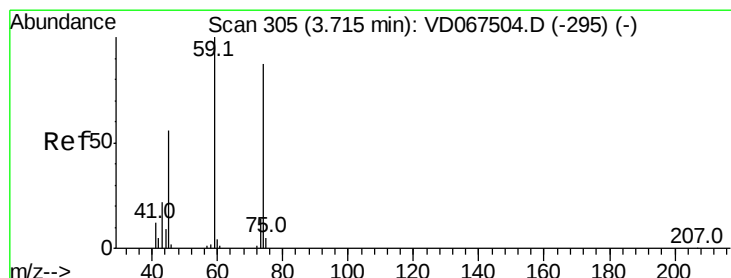
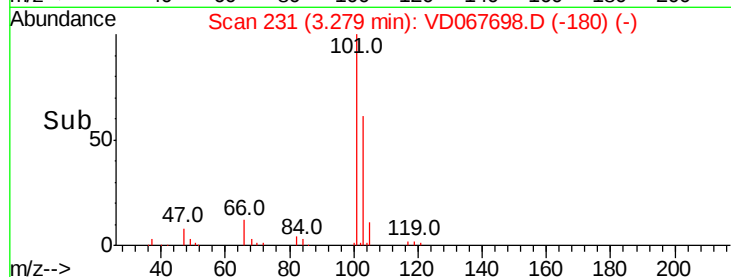
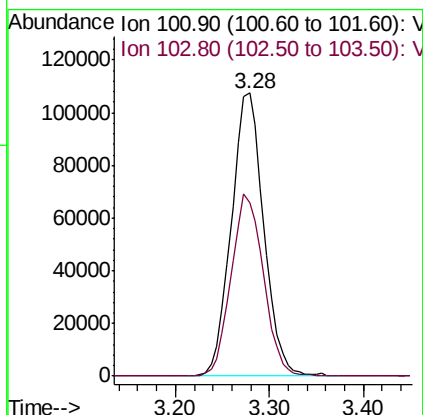
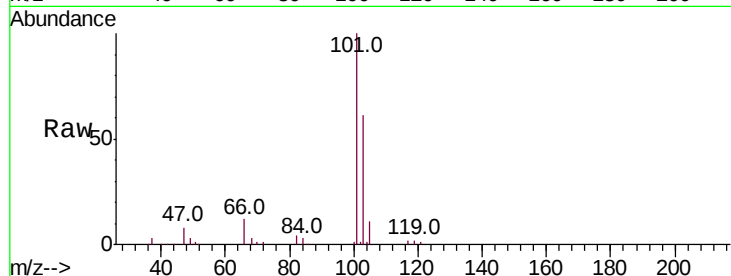


#7

Trichlorofluoromethane
Concen: 49.681 ug/l
RT: 3.28 min Scan# 231
Delta R.T. -0.00 min
Lab File: VD067698.D
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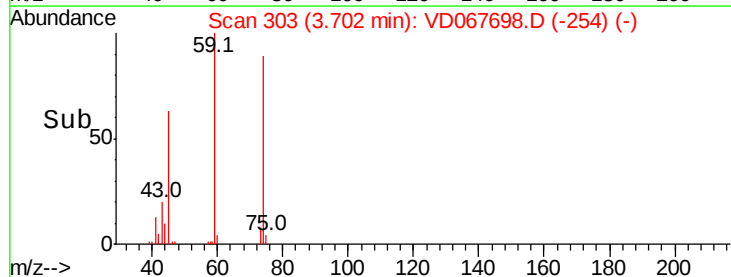
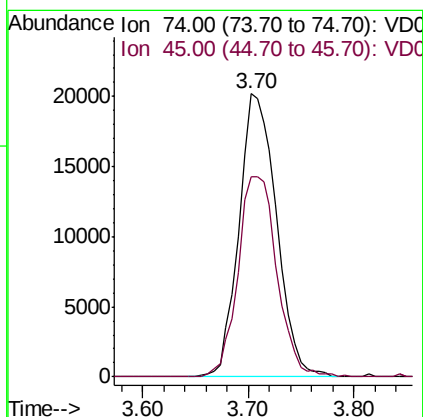
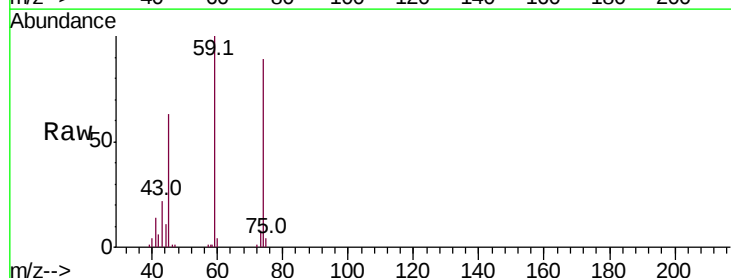
Tot Ion:101 Resp: 257894
Ion Ratio Lower Upper
101 100
103 61.5 48.1 72.1

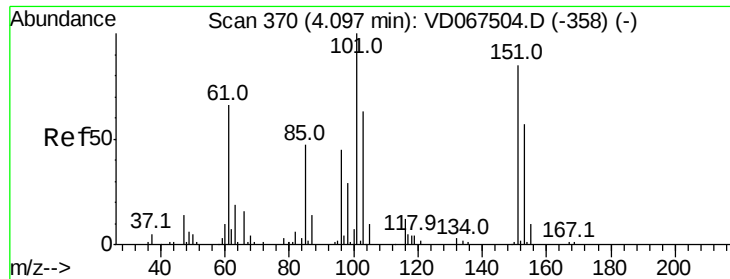


#8

Diethyl Ether
Concen: 47.498 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD067698.D
Acq: 19 Nov 2020 10:19

Tgt Ion: 74 Resp: 49682
Ion Ratio Lower Upper
74 100
45 73.9 38.2 114.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.167 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

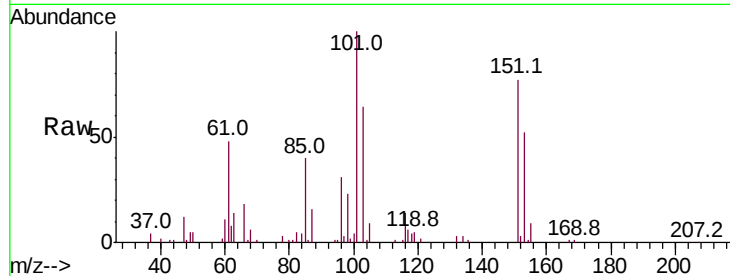
Tot Ion:101 Resp: 128830

Ion Ratio Lower Upper

101 100

85 42.6 34.4 51.6

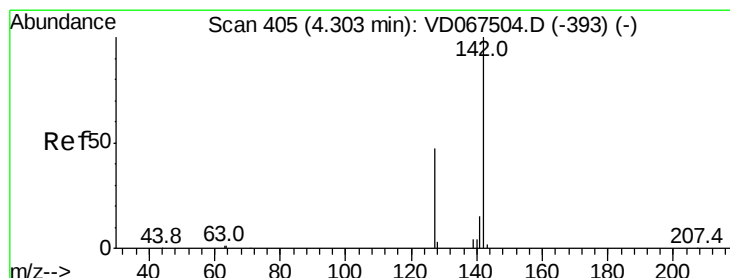
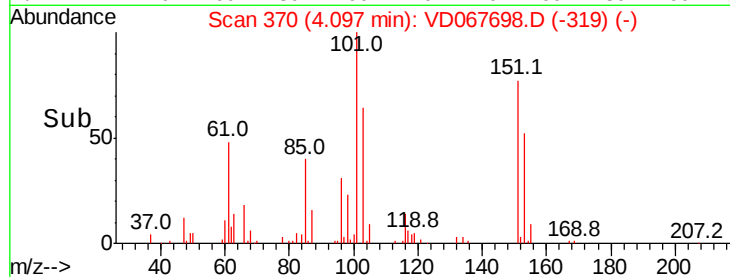
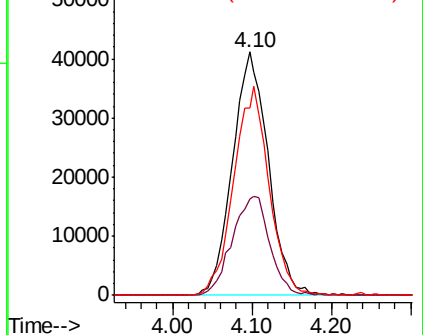
151 84.6 68.1 102.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.376 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

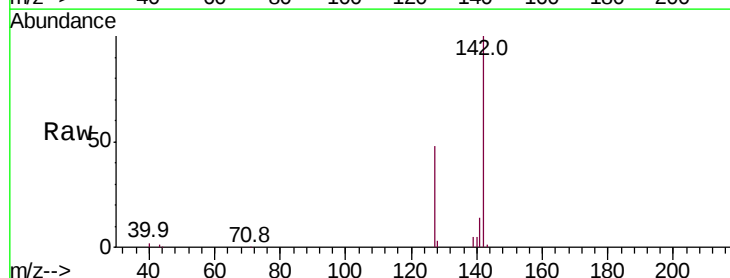
Tgt Ion:142 Resp: 135857

Ion Ratio Lower Upper

142 100

127 51.5 40.0 60.0

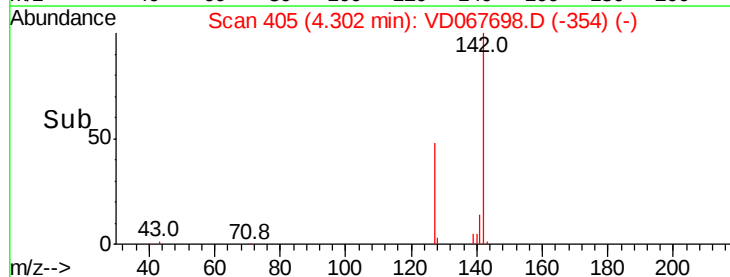
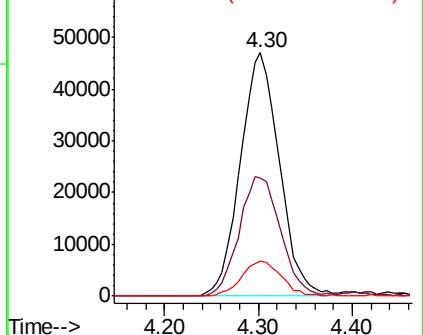
141 14.3 11.7 17.5

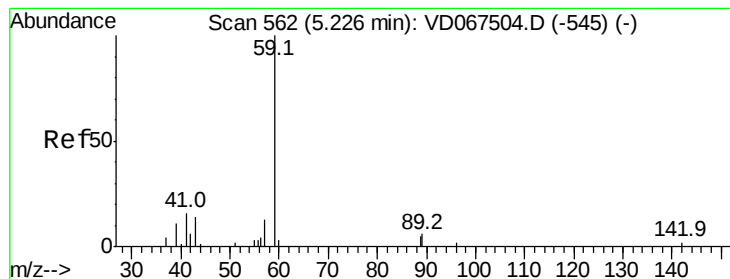


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 342.382 ug/l

RT: 5.21 min Scan# 559

Delta R.T. -0.02 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

Instrument :

MSVOA_D

ClientSampleId :

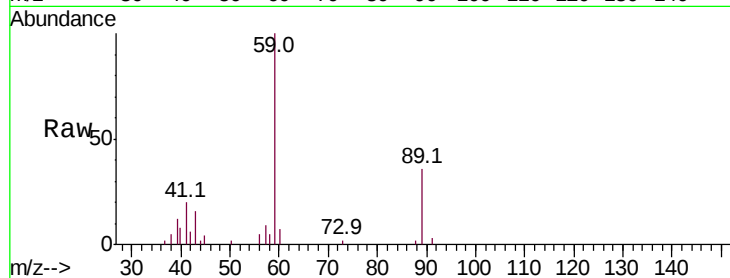
VSTDCCC050

Tot Ion: 59 Resp: 36442

Ion Ratio Lower Upper

59 100

57 8.6 5.9 8.9



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

10000

8000

6000

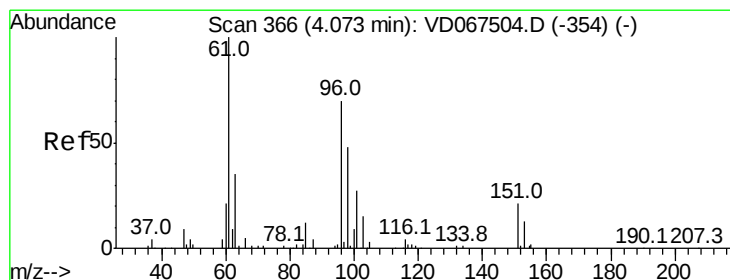
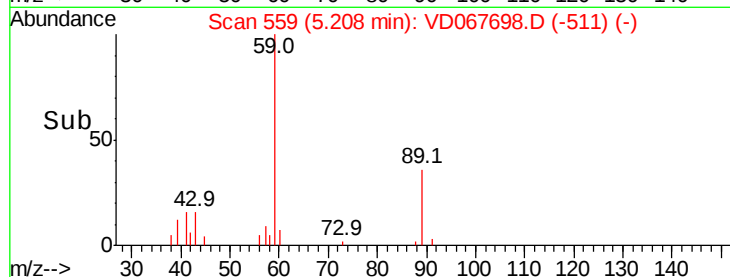
4000

2000

0

5.10 5.20 5.30

Time-->



#12

1,1-Dichloroethene

Concen: 48.243 ug/l

RT: 4.07 min Scan# 366

Delta R.T. -0.00 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

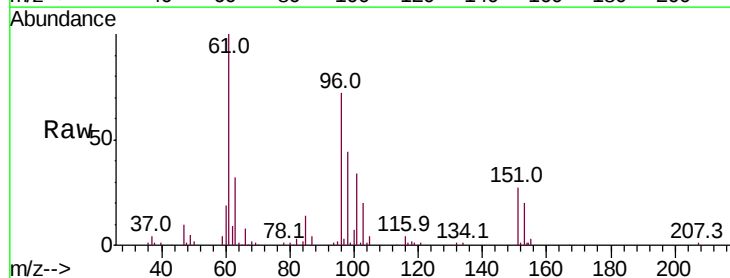
Tgt Ion: 96 Resp: 116273

Ion Ratio Lower Upper

96 100

61 139.1 114.5 171.7

98 61.1 54.5 81.7



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

80000

60000

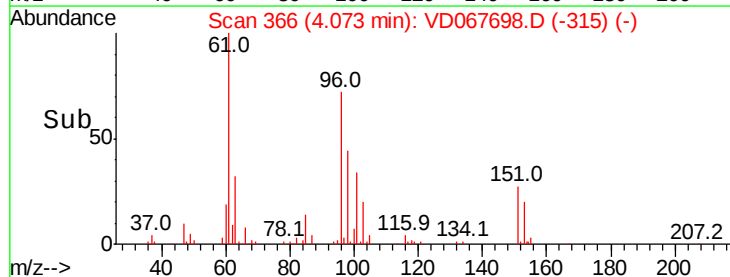
40000

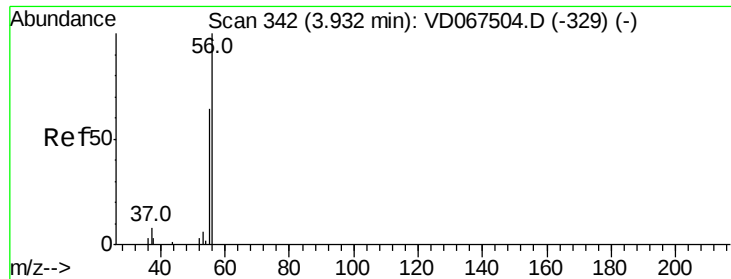
20000

0

4.00 4.10 4.20

Time-->





#13

Acrolein

Concen: 211.145 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.01 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

Instrument :

MSVOA_D

ClientSampleId :

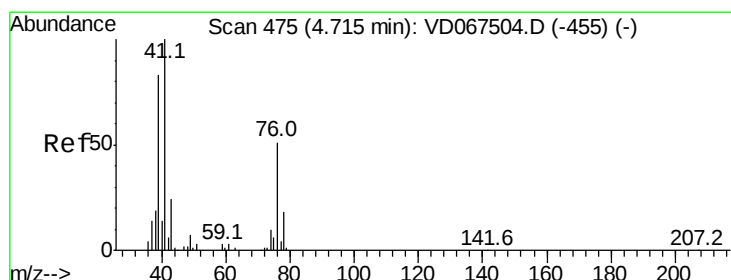
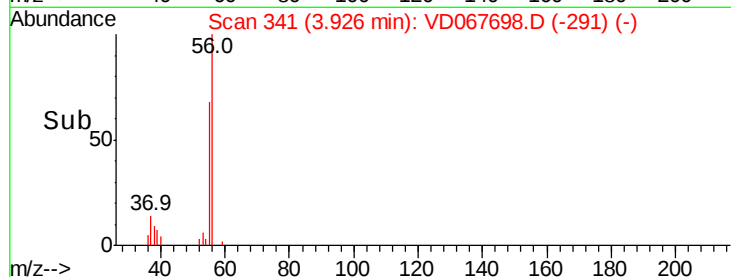
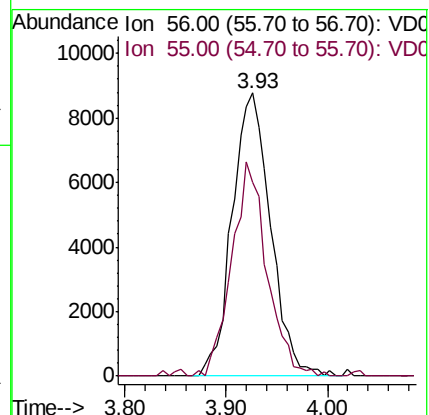
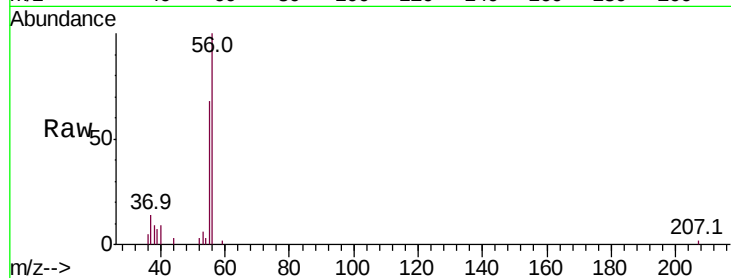
VSTDCCC050

Tot Ion: 56 Resp: 23106

Ion Ratio Lower Upper

56 100

55 69.3 55.8 83.8



#14

Allyl chloride

Concen: 45.991 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

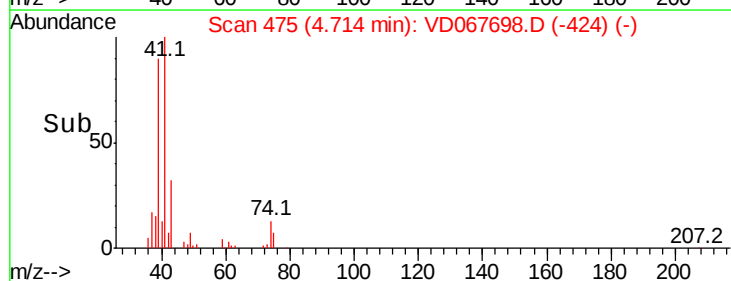
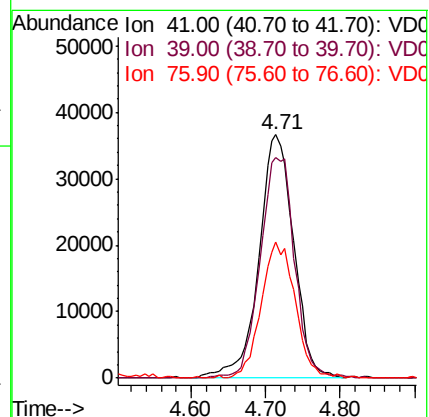
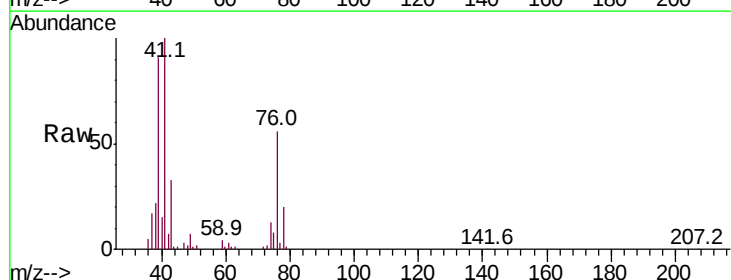
Tgt Ion: 41 Resp: 118632

Ion Ratio Lower Upper

41 100

39 89.9 67.4 101.0

76 54.6 42.2 63.2





#15

Acrylonitrile

Concen: 237.321 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.02 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

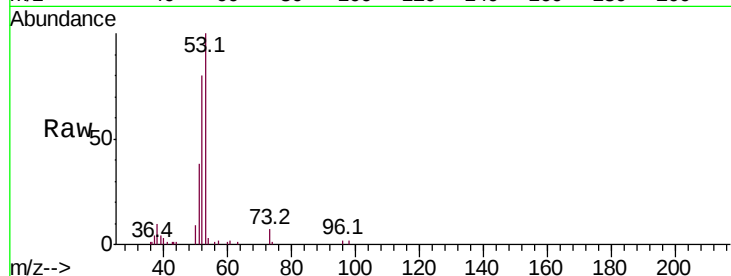
Tot Ion: 53 Resp: 91760

Ion Ratio Lower Upper

53 100

52 82.3 64.8 97.2

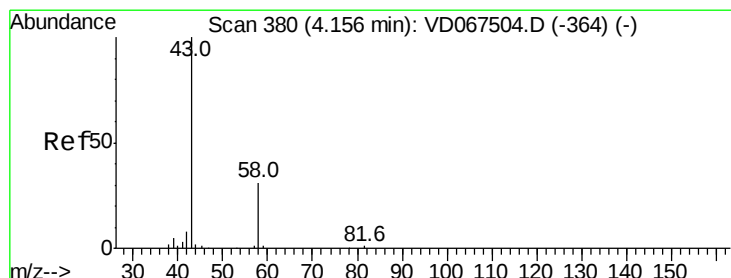
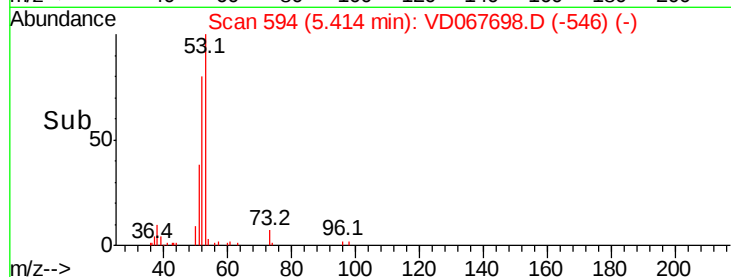
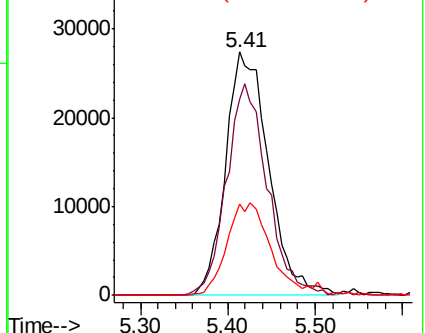
51 37.8 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 284.884 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD067698.D

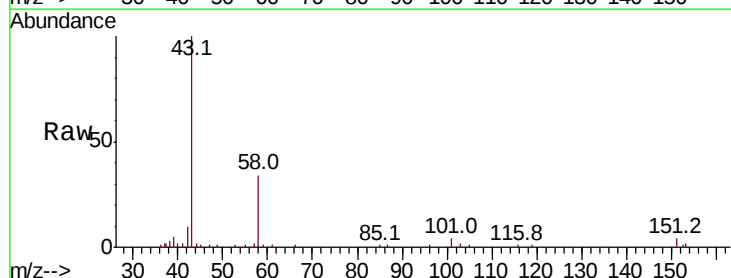
Acq: 19 Nov 2020 10:19

Tgt Ion: 43 Resp: 107641

Ion Ratio Lower Upper

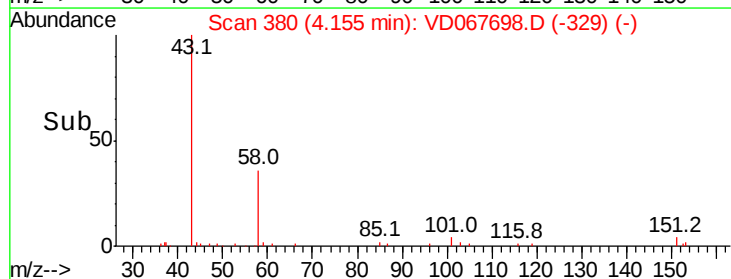
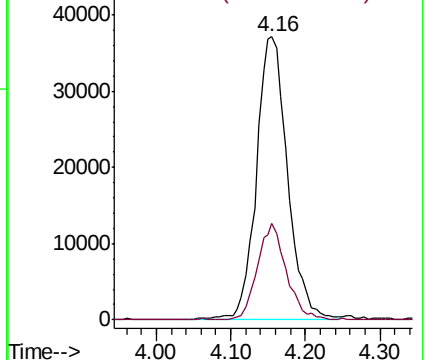
43 100

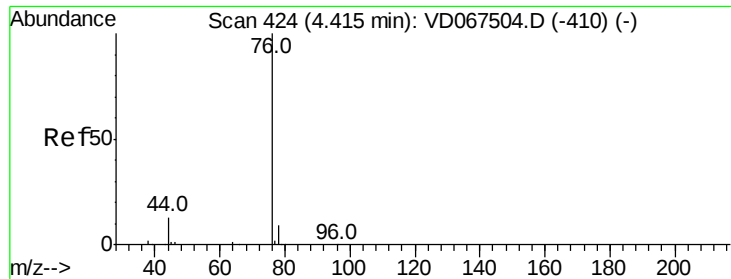
58 34.0 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

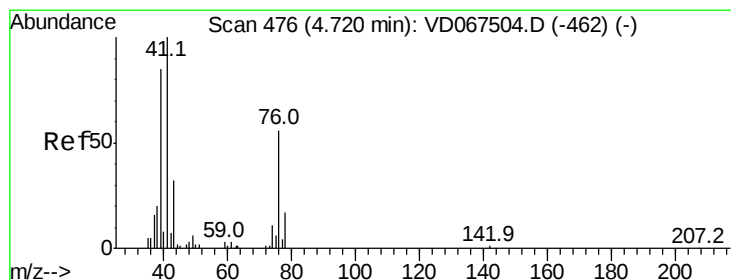
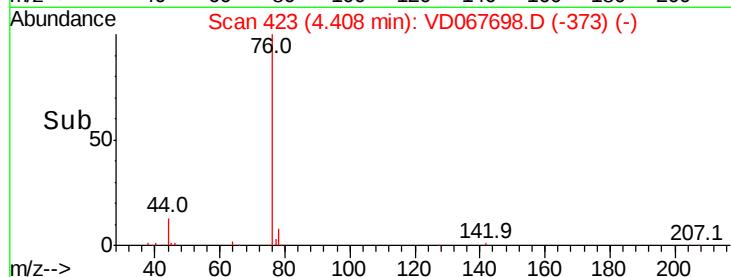
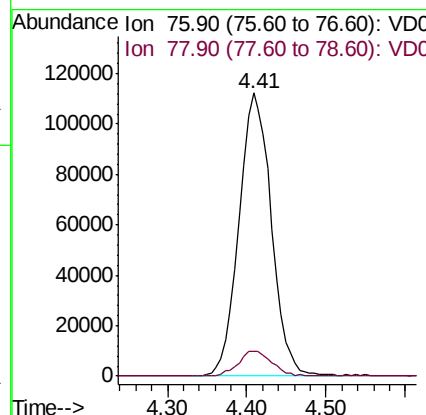
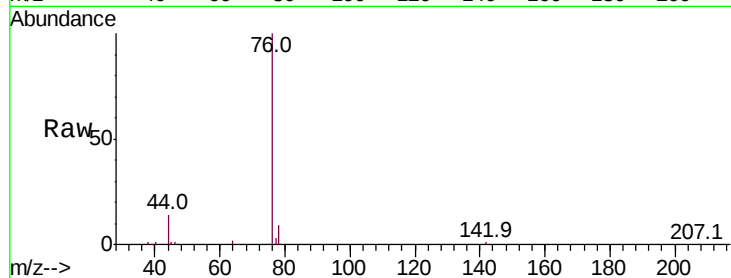




#17
Carbon Disulfide
Concen: 43.006 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.01 min
Lab File: VD067698.D
Acq: 19 Nov 2020 10:19

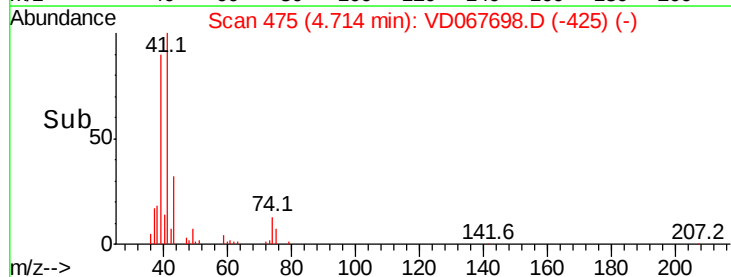
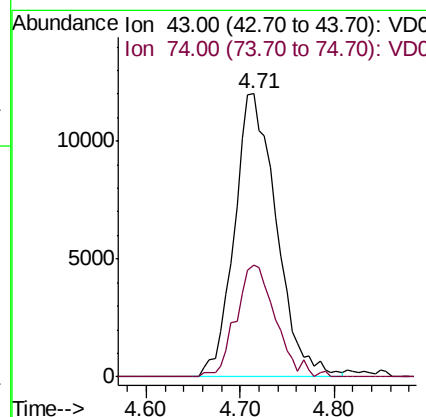
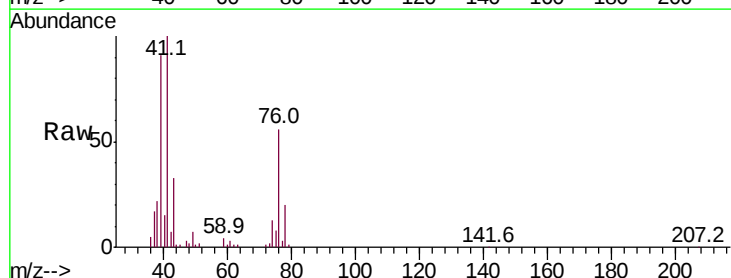
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

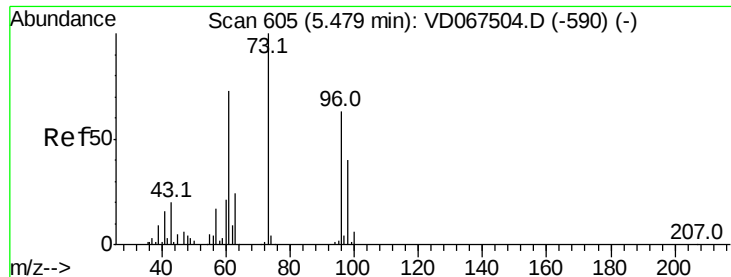
Tot Ion: 76 Resp: 317619
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 47.758 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD067698.D
Acq: 19 Nov 2020 10:19

Tgt Ion: 43 Resp: 37289
Ion Ratio Lower Upper
43 100
74 36.7 27.2 40.8

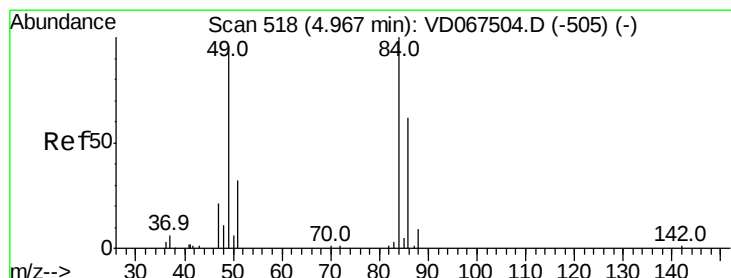
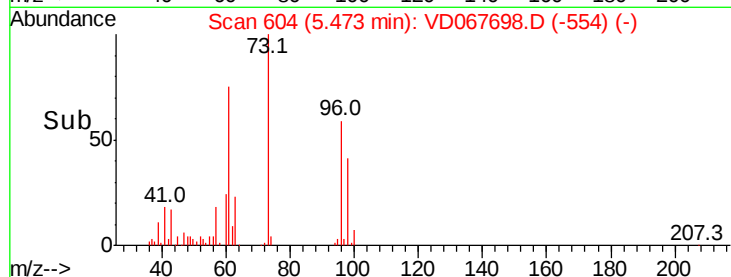
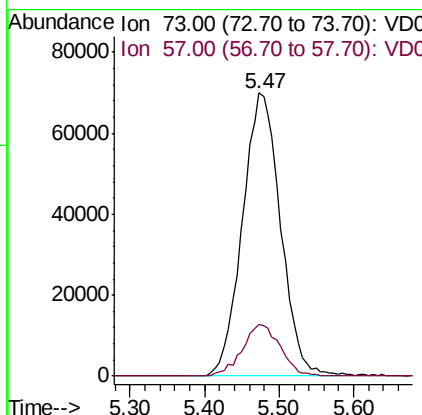
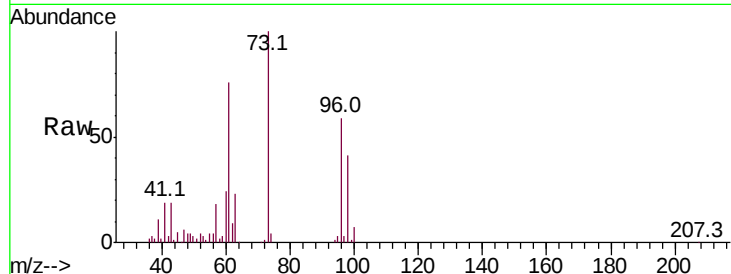




#19
Methyl tert-butyl Ether
Concen: 52.075 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD067698.D
Acq: 19 Nov 2020 10:19

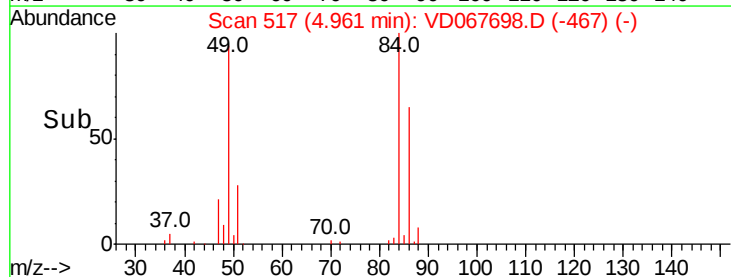
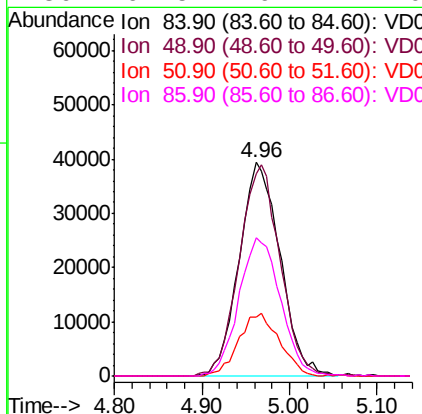
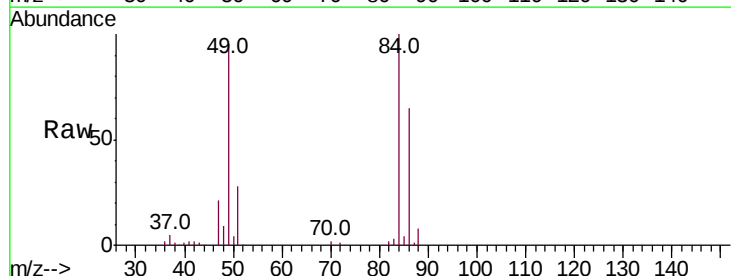
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

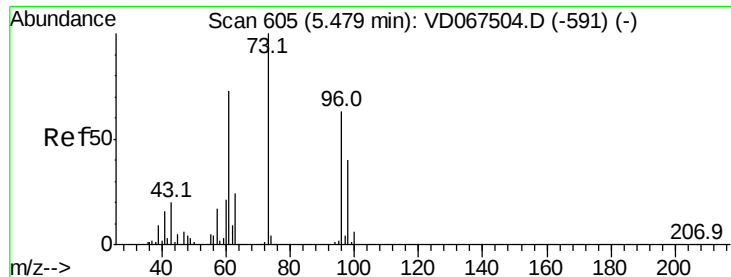
Tot Ion: 73 Resp: 247569
Ion Ratio Lower Upper
73 100
57 18.3 13.4 20.0



#20
Methylene Chloride
Concen: 47.064 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD067698.D
Acq: 19 Nov 2020 10:19

Tgt Ion: 84 Resp: 125615
Ion Ratio Lower Upper
84 100
49 94.6 77.0 115.4
51 27.6 25.4 38.2
86 64.5 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 46.118 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

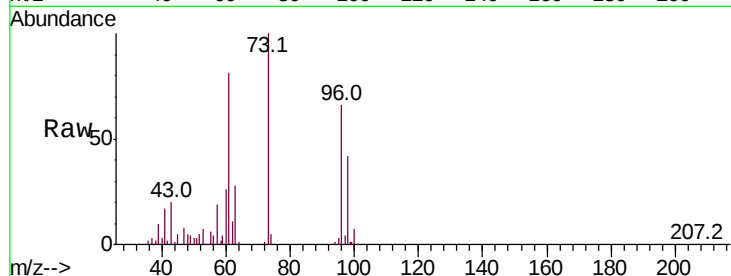
Tot Ion: 96 Resp: 129463

Ion Ratio Lower Upper

96 100

61 122.0 93.0 139.6

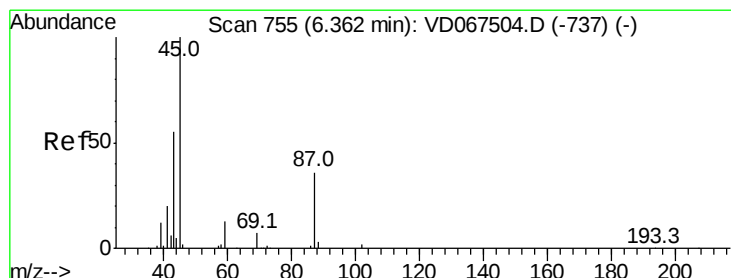
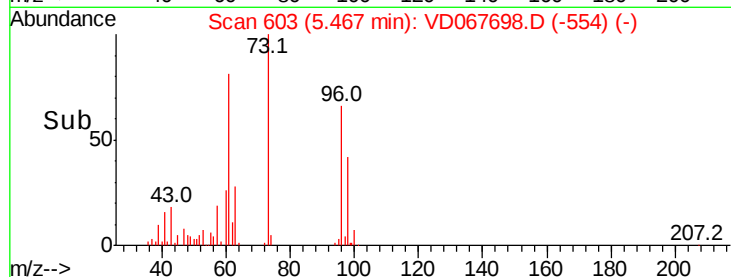
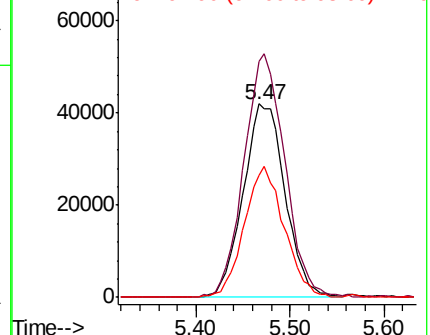
98 63.2 50.9 76.3



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 48.484 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

Tgt Ion: 45 Resp: 243716

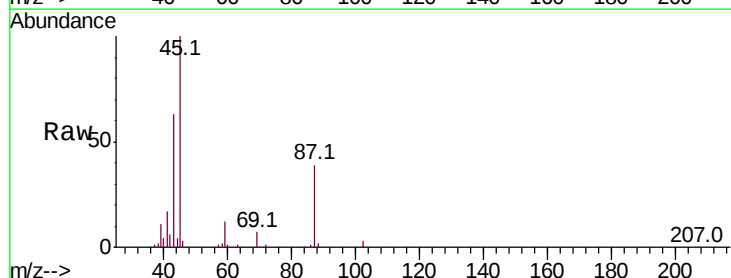
Ion Ratio Lower Upper

45 100

43 60.8 46.2 69.4

87 39.4 29.4 44.2

59 12.3 10.8 16.2

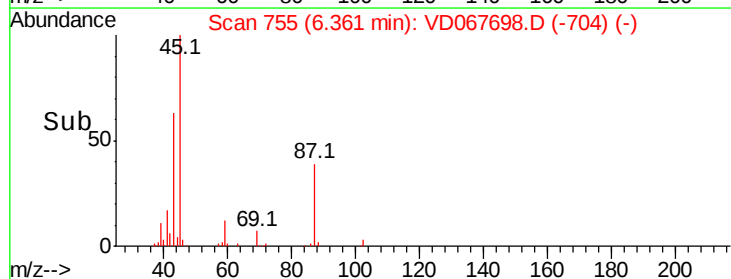
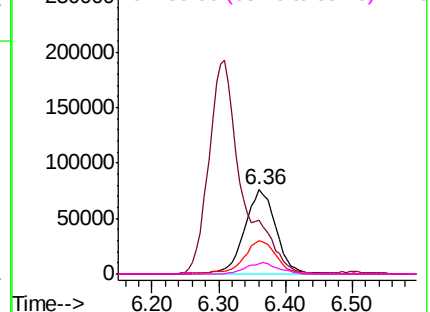


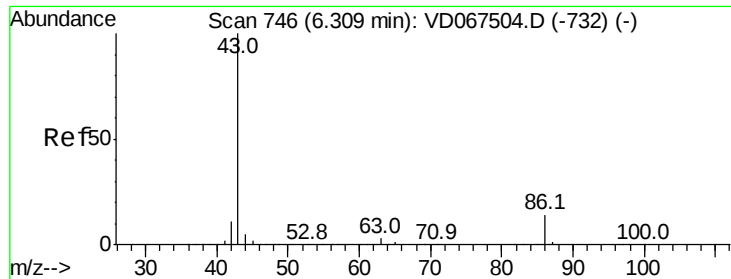
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 254.496 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

Instrument :

MSVOA_D

ClientSampleId :

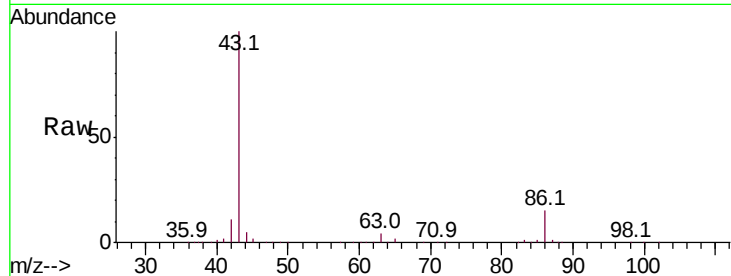
VSTDCCC050

Tot Ion: 43 Resp: 669638

Ion Ratio Lower Upper

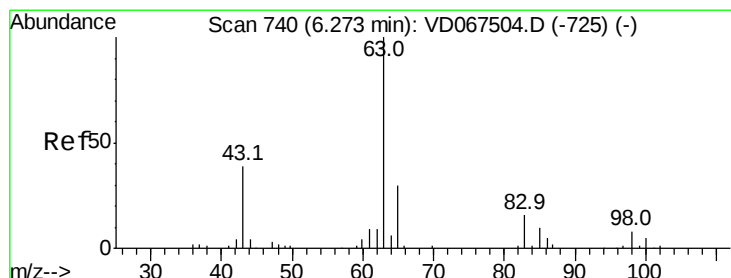
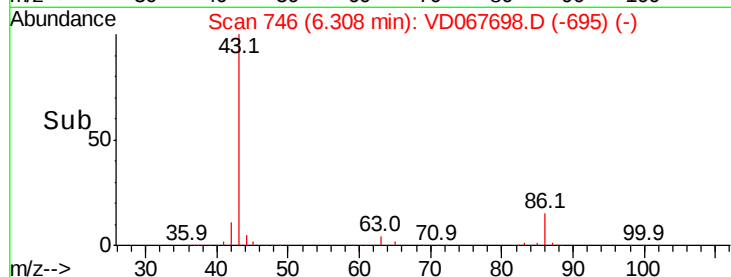
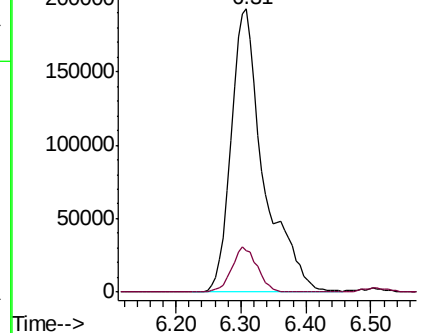
43 100

86 14.6 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 48.727 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

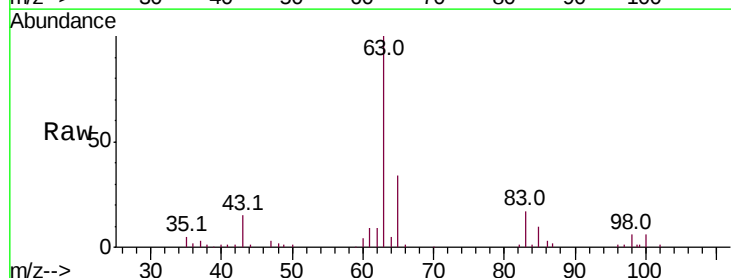
Tgt Ion: 63 Resp: 200378

Ion Ratio Lower Upper

63 100

98 6.5 3.9 11.5

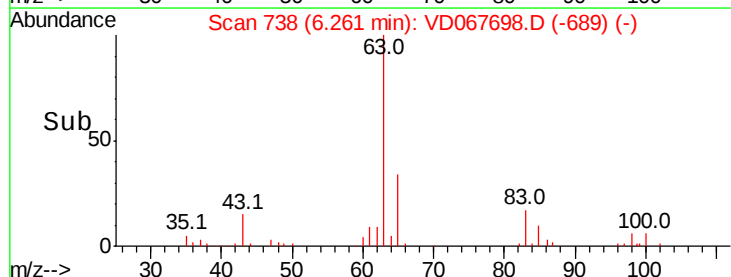
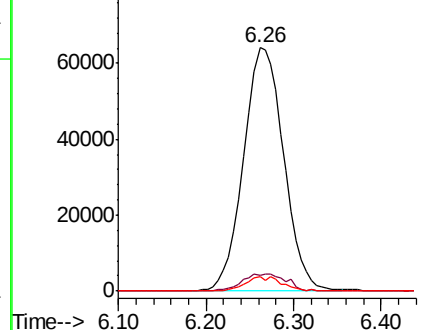
100 6.0 2.6 7.8

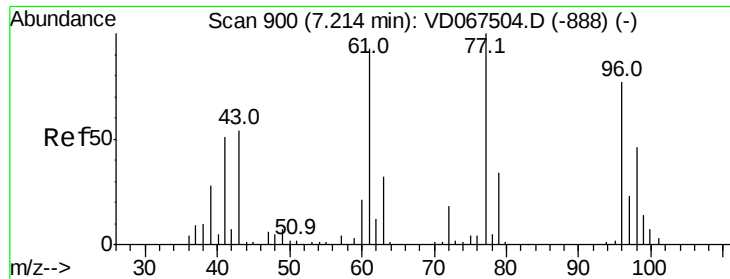


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

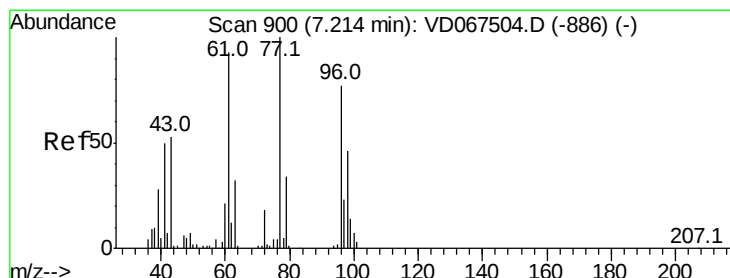
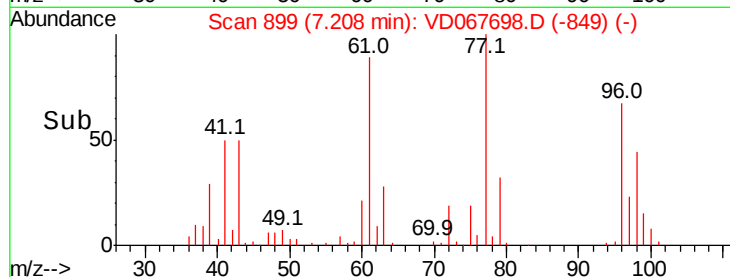
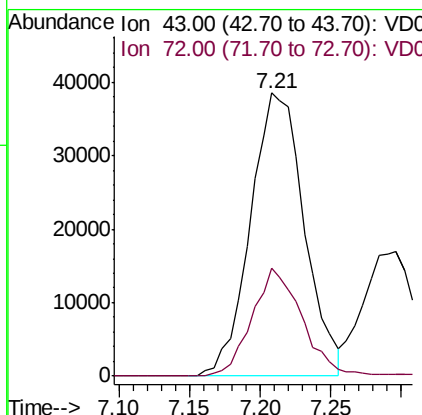
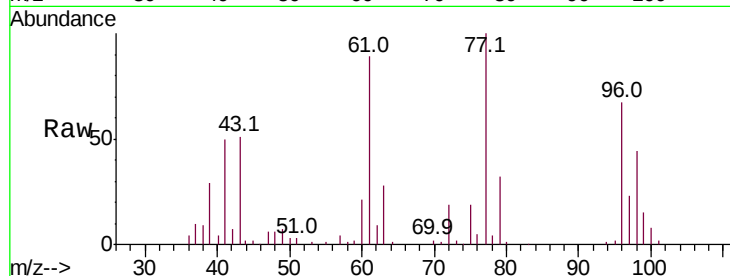




#25
2-Butanone
Concen: 255.037 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067698.D
Acq: 19 Nov 2020 10:19

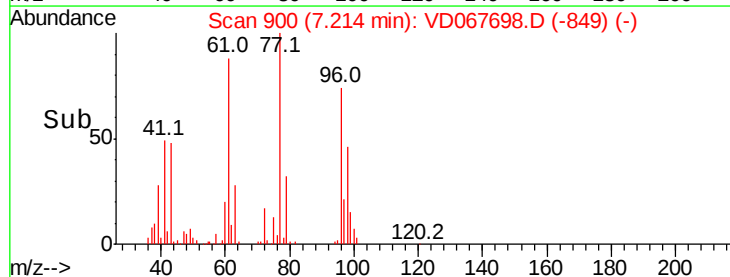
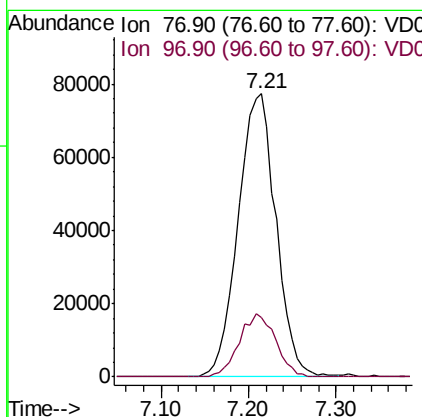
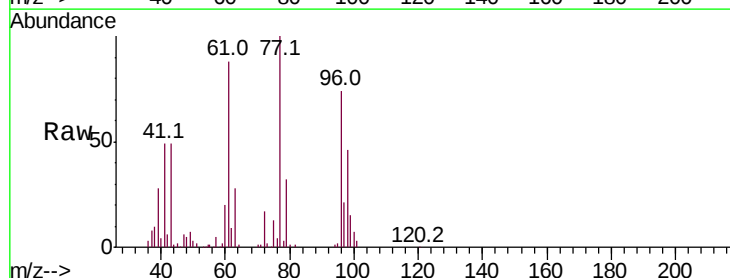
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

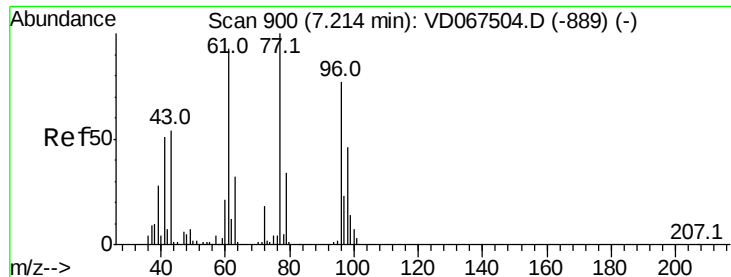
Tot Ion: 43 Resp: 102967
Ion Ratio Lower Upper
43 100
72 38.1 26.4 39.6



#26
2,2-Dichloropropane
Concen: 52.244 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD067698.D
Acq: 19 Nov 2020 10:19

Tgt Ion: 77 Resp: 226744
Ion Ratio Lower Upper
77 100
97 21.6 11.1 33.3



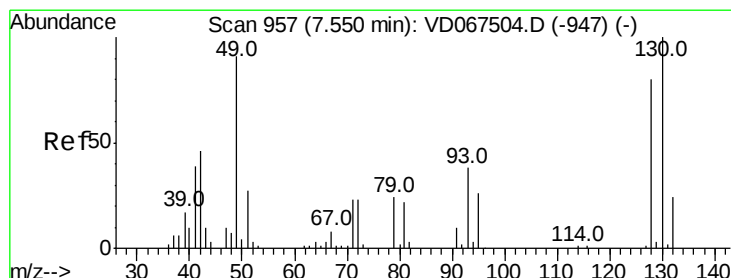
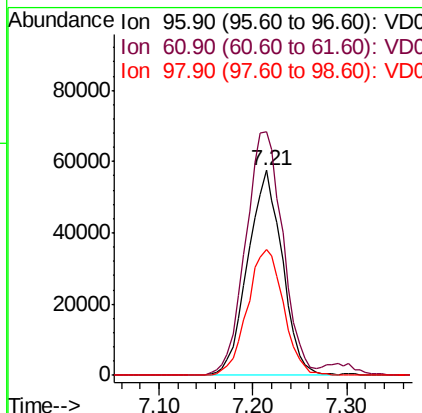
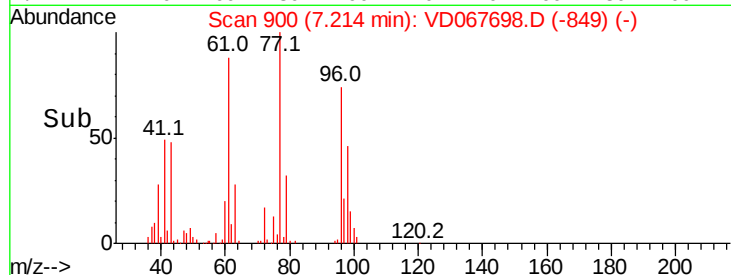
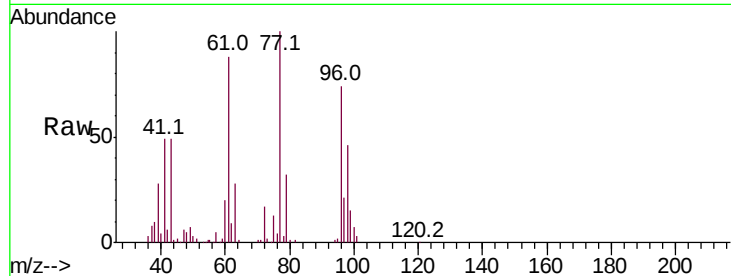


#27

cis-1,2-Dichloroethene
Concen: 50.239 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD067698.D
Acq: 19 Nov 2020 10:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

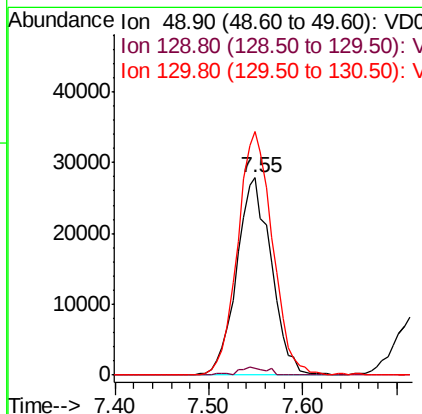
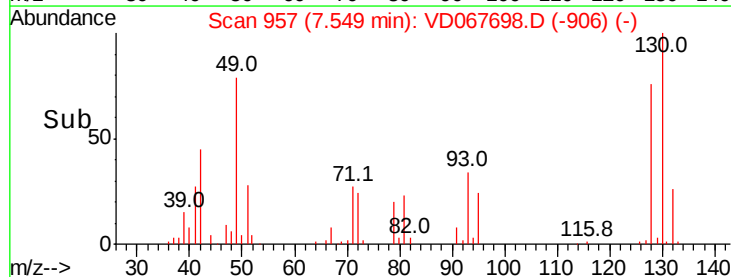
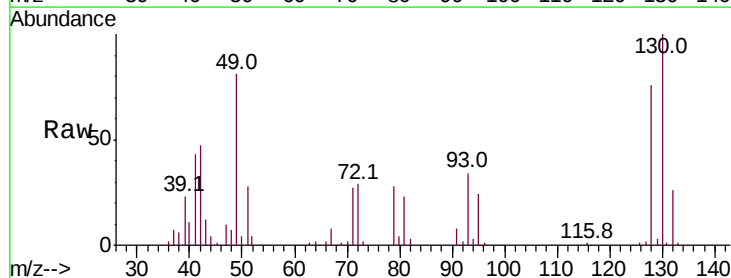
Tot Ion: 96 Resp: 146384
Ion Ratio Lower Upper
96 100
61 128.1 0.0 251.6
98 64.6 0.0 128.0

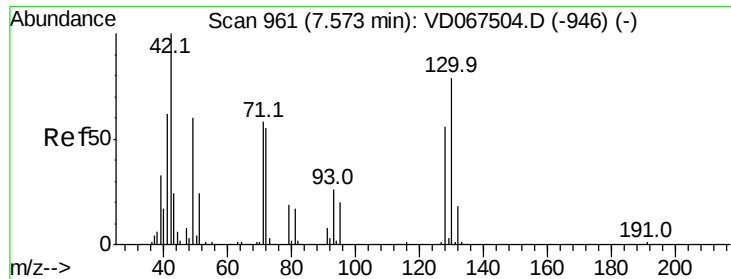


#28

Bromochloromethane
Concen: 48.503 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.00 min
Lab File: VD067698.D
Acq: 19 Nov 2020 10:19

Tgt Ion: 49 Resp: 70949
Ion Ratio Lower Upper
49 100
129 3.3 0.0 6.4
130 124.0 94.6 142.0

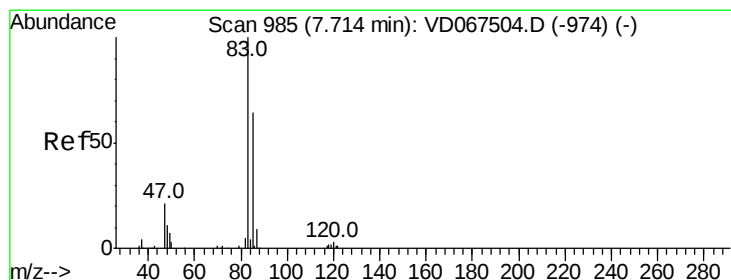
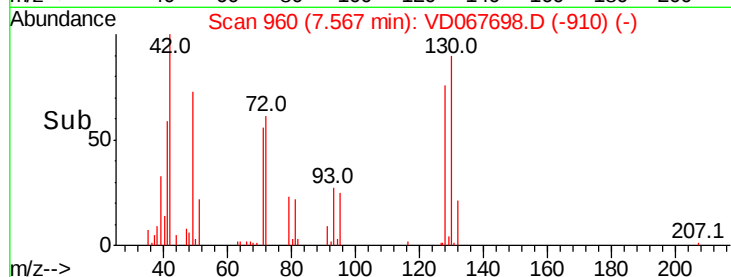
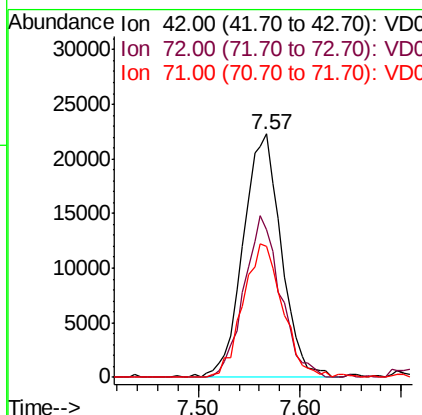
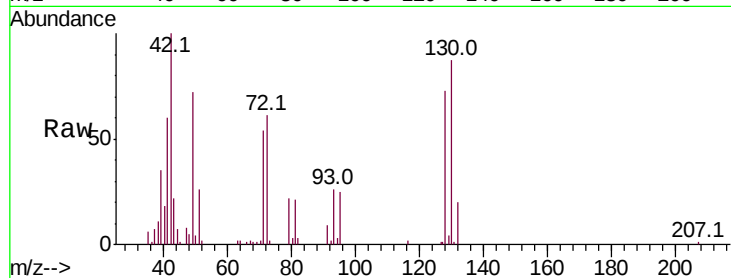




#29
Tetrahydrofuran
Concen: 240.215 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD067698.D
Acq: 19 Nov 2020 10:19

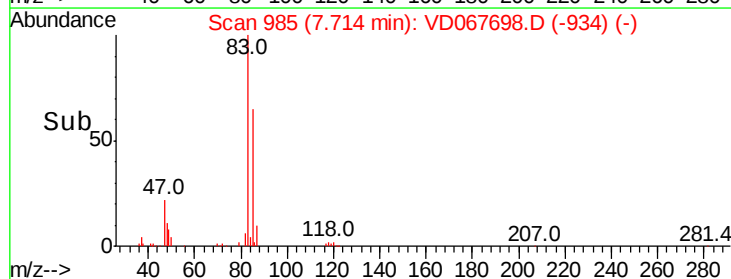
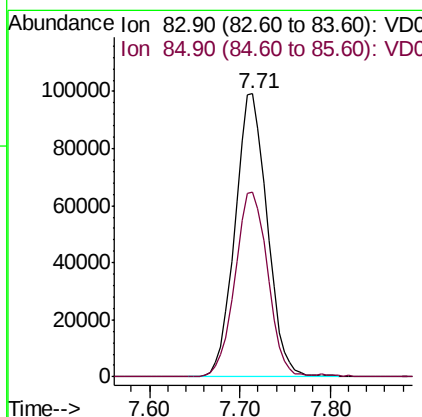
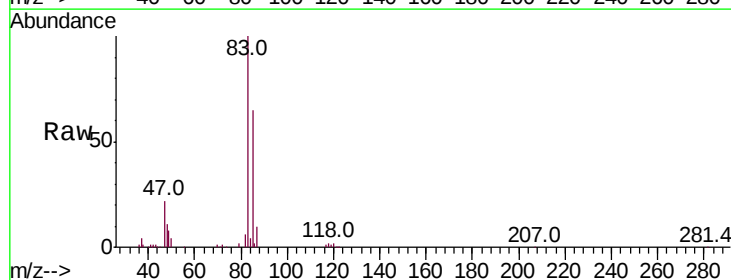
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

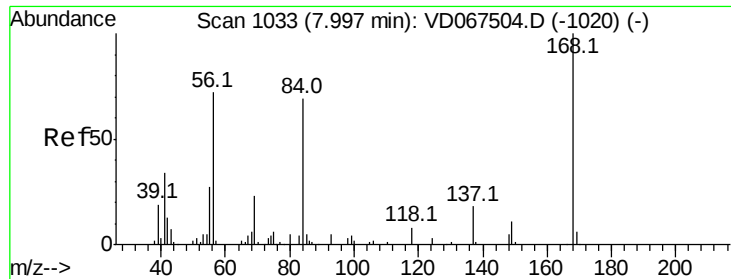
Tot Ion: 42 Resp: 58093
Ion Ratio Lower Upper
42 100
72 63.4 46.3 69.5
71 56.7 44.0 66.0



#30
Chloroform
Concen: 50.019 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD067698.D
Acq: 19 Nov 2020 10:19

Tgt Ion: 83 Resp: 245394
Ion Ratio Lower Upper
83 100
85 65.4 51.5 77.3

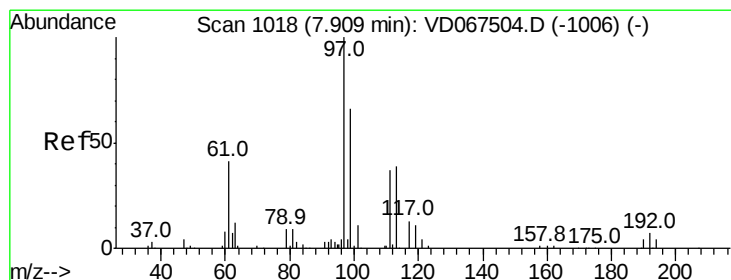
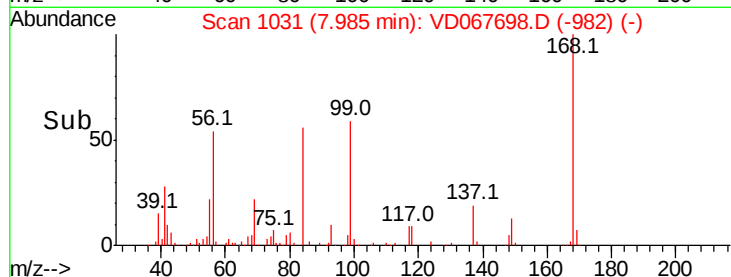
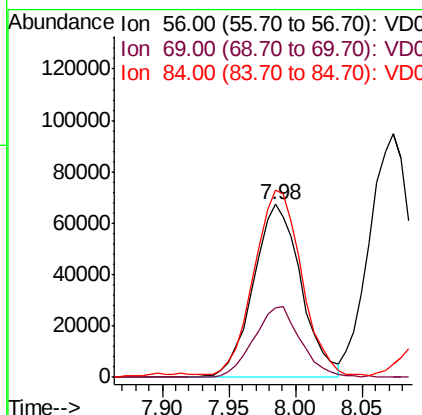
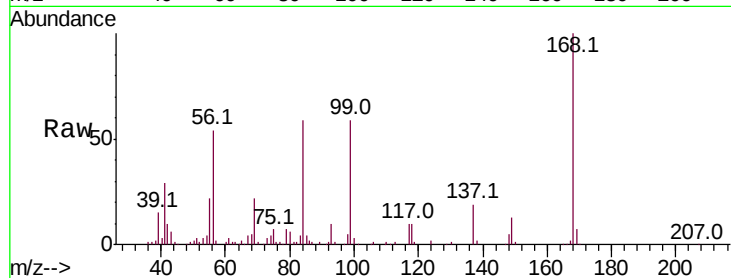




#31
Cyclohexane
Concen: 45.516 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VD067698.D
Acq: 19 Nov 2020 10:19

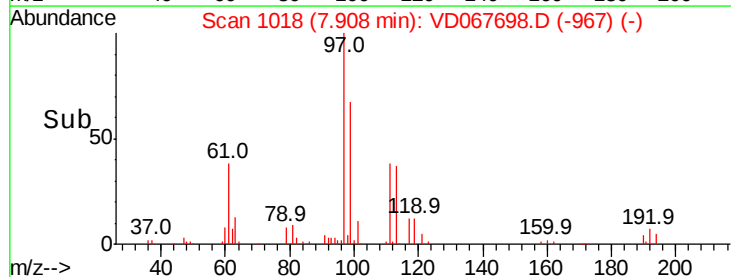
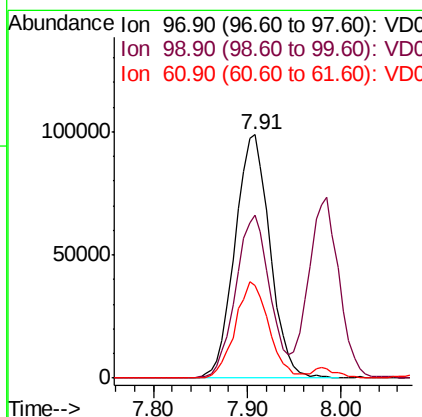
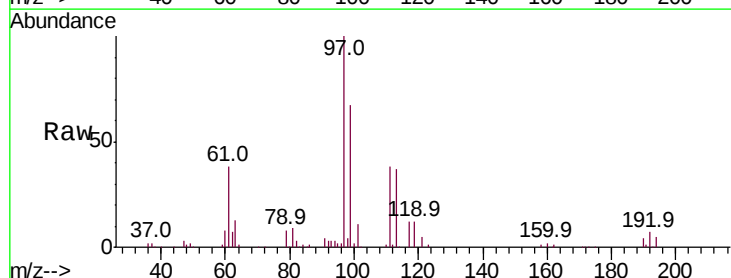
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

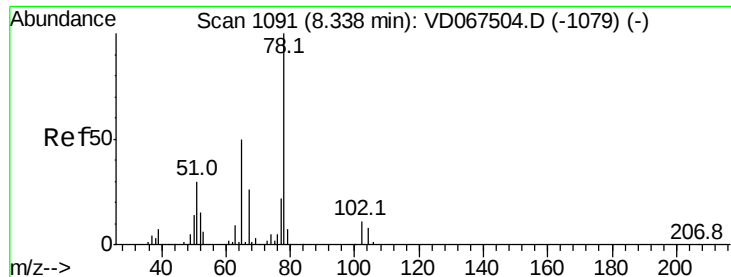
Tot Ion: 56 Resp: 166681
Ion Ratio Lower Upper
56 100
69 40.4 25.9 38.9#
84 107.0 76.2 114.4



#32
1,1,1-Trichloroethane
Concen: 50.408 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VD067698.D
Acq: 19 Nov 2020 10:19

Tgt Ion: 97 Resp: 255162
Ion Ratio Lower Upper
97 100
99 65.4 51.8 77.6
61 38.1 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 43.425 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

Instrument :

MSVOA_D

ClientSampleId :

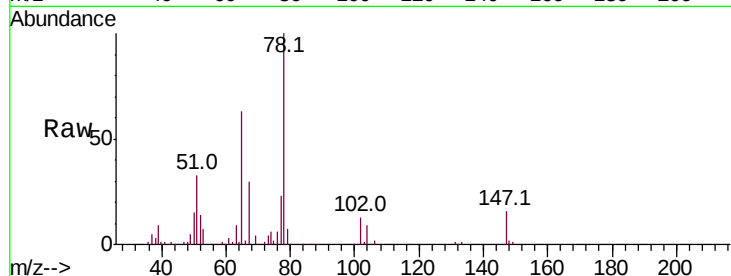
VSTDCCC050

Tot Ion: 65 Resp: 109644

Ion Ratio Lower Upper

65 100

67 48.9 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

50000

40000

30000

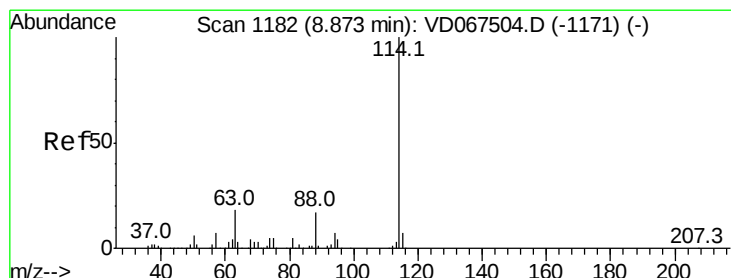
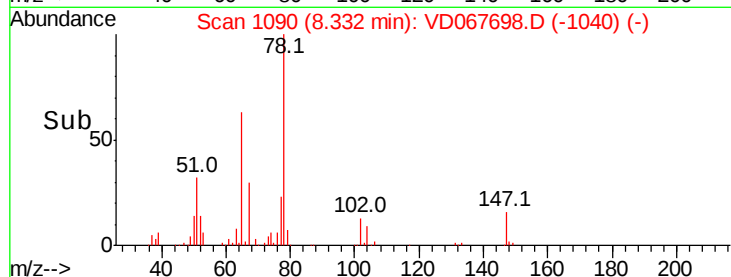
20000

10000

0

8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

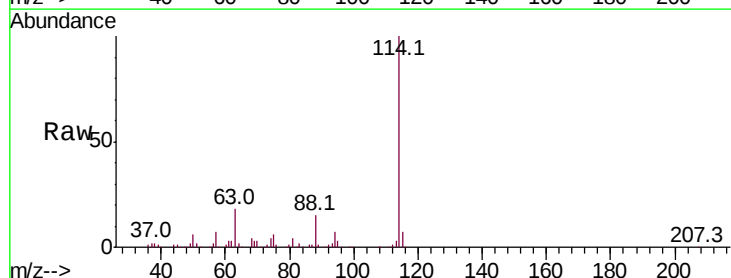
Tgt Ion: 114 Resp: 413403

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

88 14.7 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

250000

200000

150000

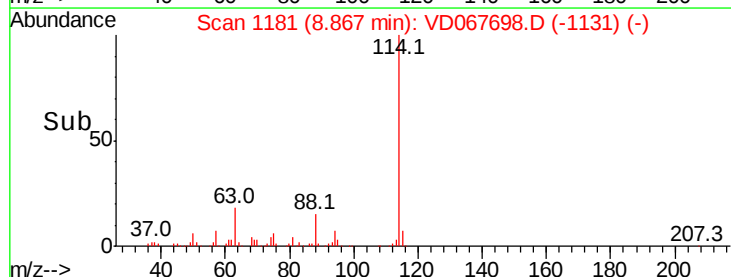
100000

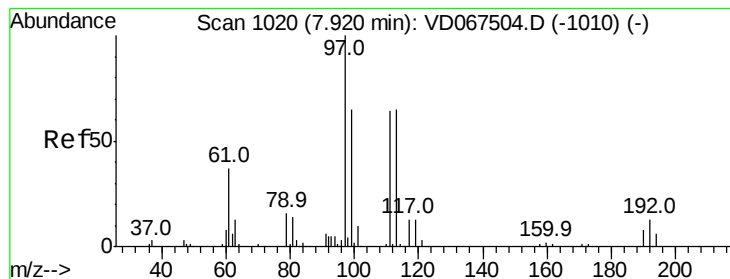
50000

0

8.80 8.90 9.00

Time-->





#35

Dibromofluoromethane

Concen: 44.241 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

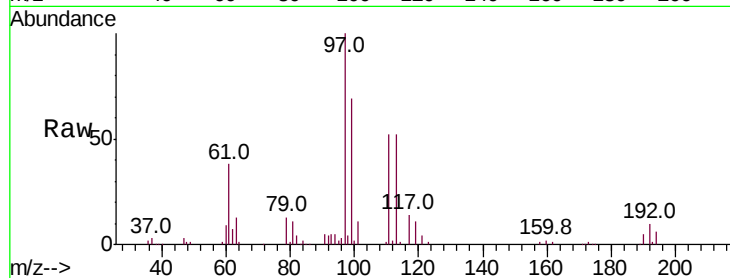
Tot Ion:113 Resp: 110193

Ion Ratio Lower Upper

113 100

111 100.5 80.0 120.0

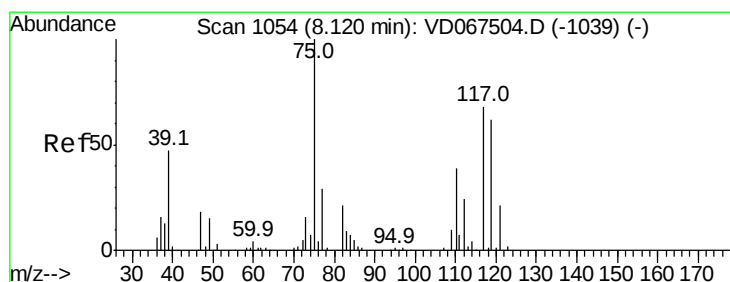
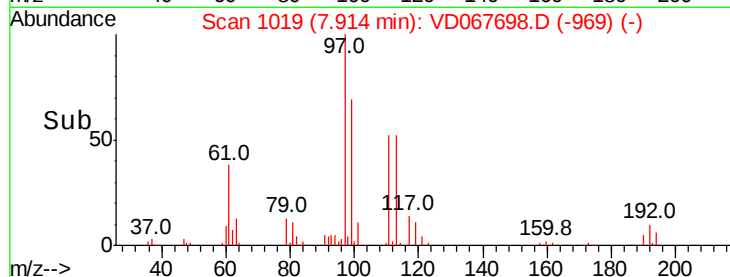
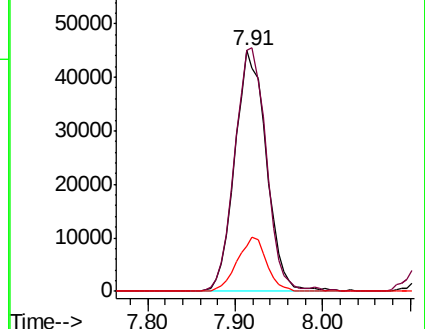
192 21.0 16.3 24.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.486 ug/l

RT: 8.12 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

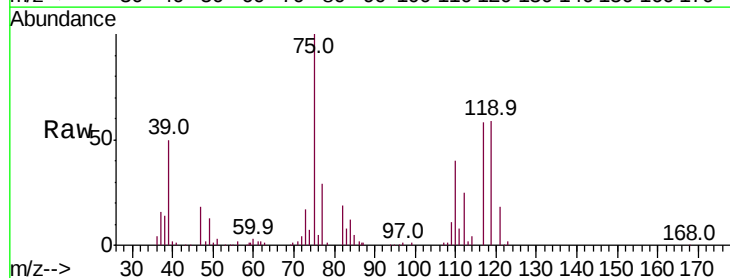
Tgt Ion: 75 Resp: 178652

Ion Ratio Lower Upper

75 100

110 38.8 19.9 59.7

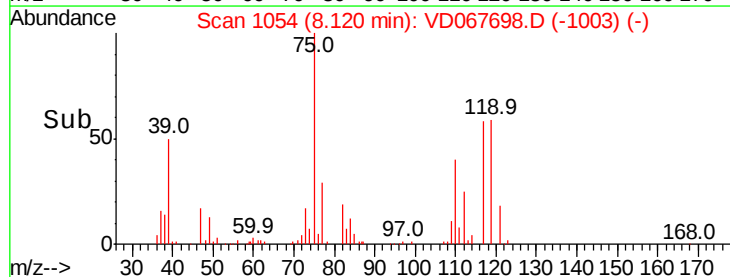
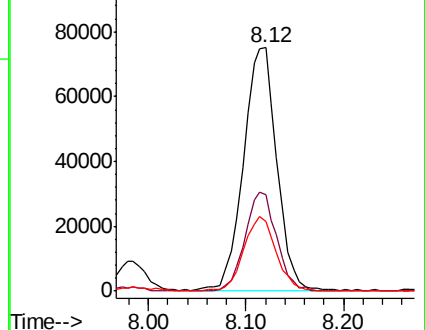
77 30.4 24.8 37.2

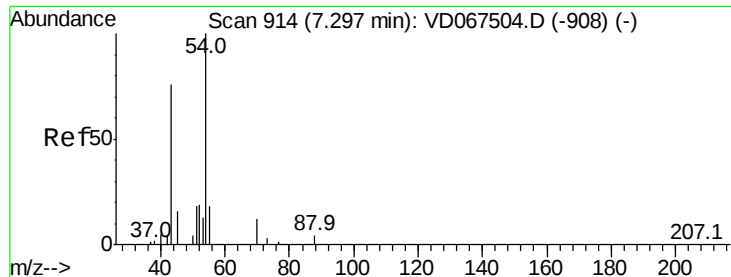


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

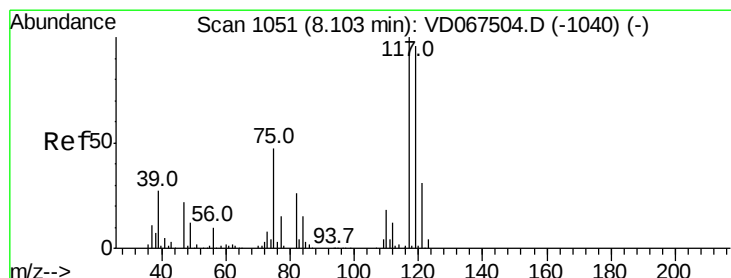
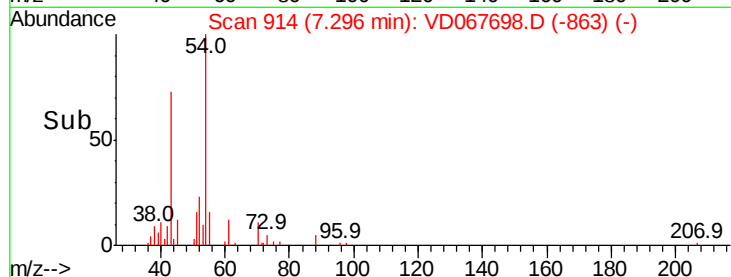
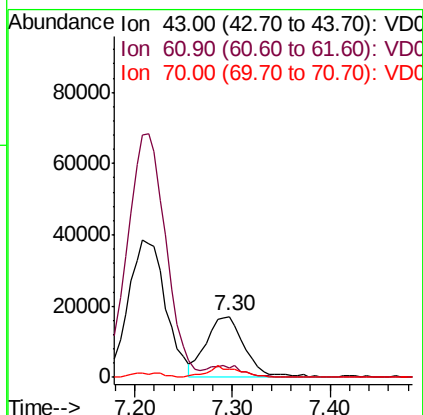
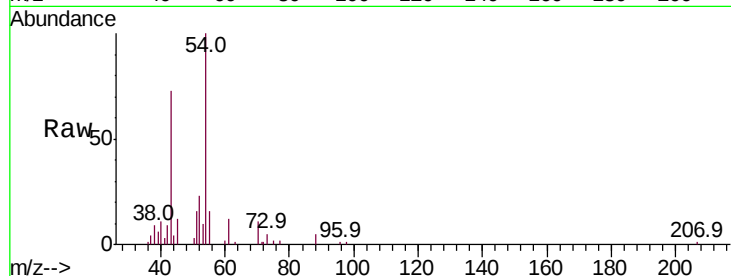




#37
Ethyl Acetate
Concen: 51.368 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.00 min
Lab File: VD067698.D
Acq: 19 Nov 2020 10:19

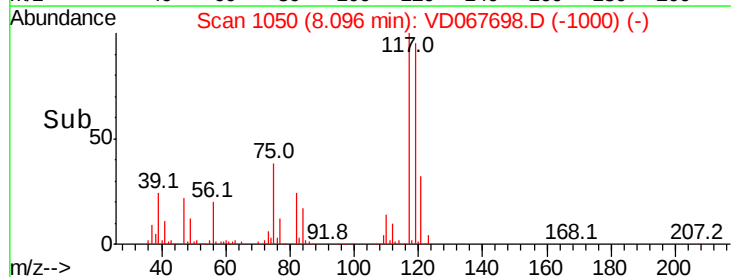
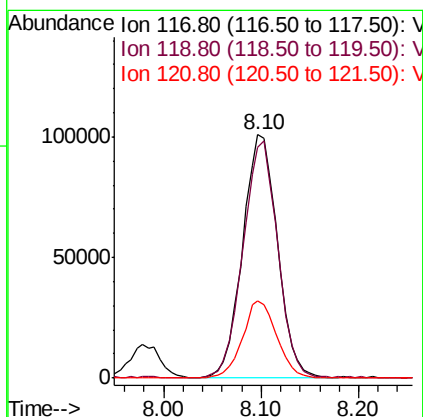
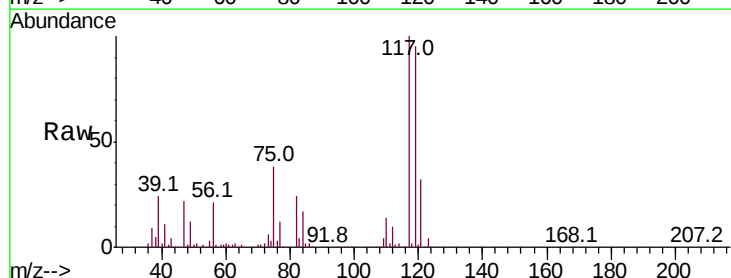
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

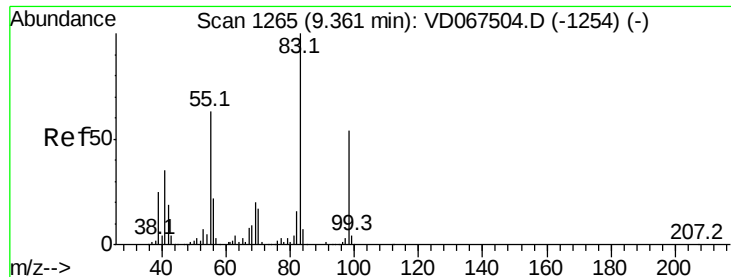
Tot Ion: 43 Resp: 47192
Ion Ratio Lower Upper
43 100
61 16.1 12.8 19.2
70 14.6 11.7 17.5



#38
Carbon Tetrachloride
Concen: 54.859 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067698.D
Acq: 19 Nov 2020 10:19

Tgt Ion: 117 Resp: 252223
Ion Ratio Lower Upper
117 100
119 94.7 76.9 115.3
121 31.9 24.5 36.7

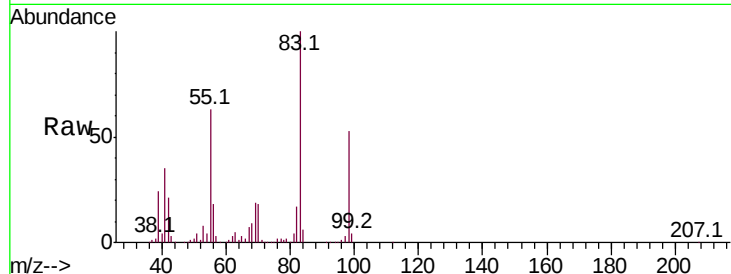




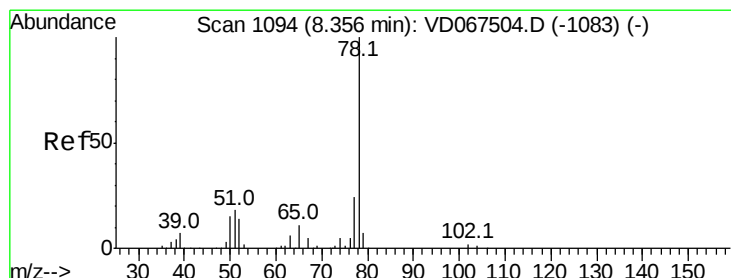
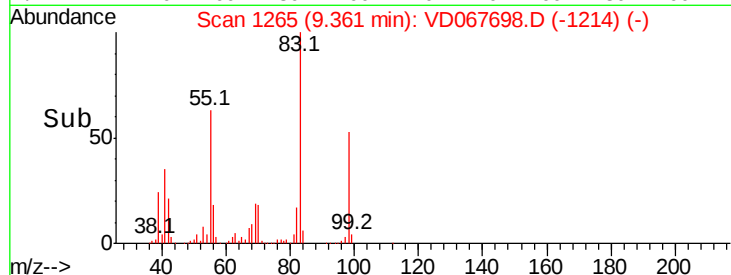
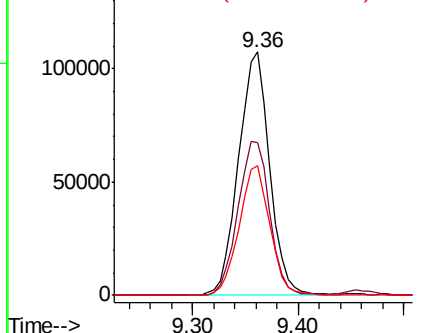
#39
Methvlcvclohexane
Concen: 52.799 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VD067698.D
Acq: 19 Nov 2020 10:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	219902
Ion Ratio	Lower	Upper	
83	100		
55	63.0	50.5	75.7
98	53.3	43.4	65.0

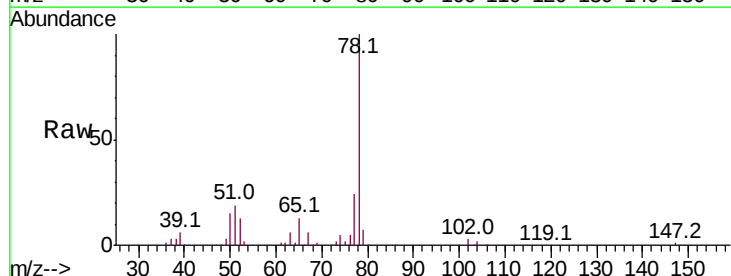


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

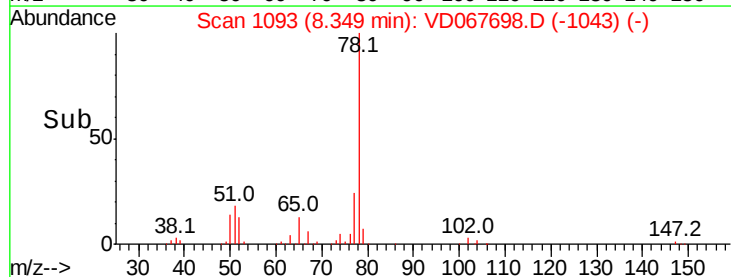
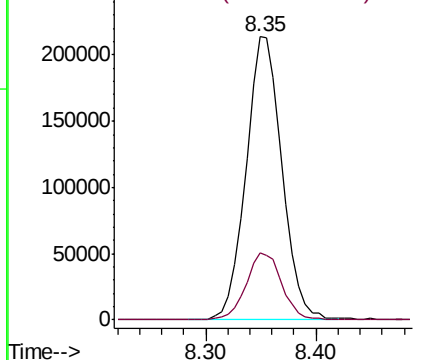


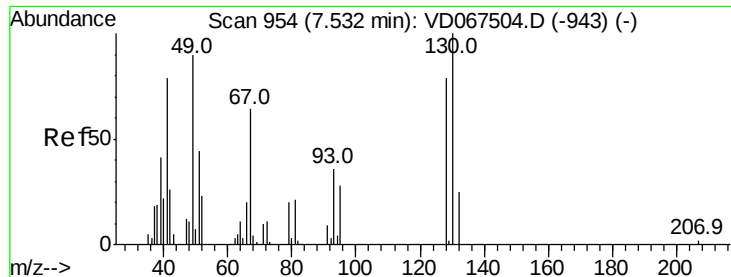
#40
Benzene
Concen: 50.930 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD067698.D
Acq: 19 Nov 2020 10:19

Tgt Ion	78	Resp	488184
Ion Ratio	Lower	Upper	
78	100		
77	23.6	19.1	28.7



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





#41

Methacrylonitrile

Concen: 57.283 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 31457

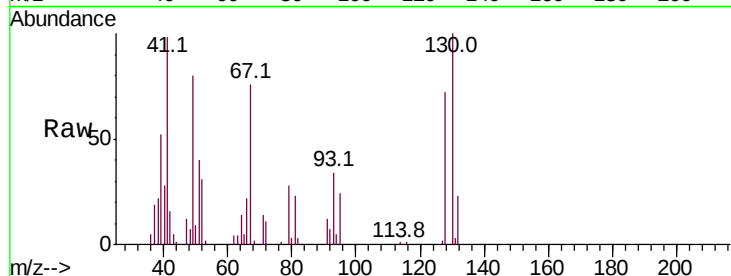
Ion Ratio Lower Upper

41 100

39 0.0 51.3 76.9#

67 82.0 78.9 118.3

52 32.9 31.4 47.2

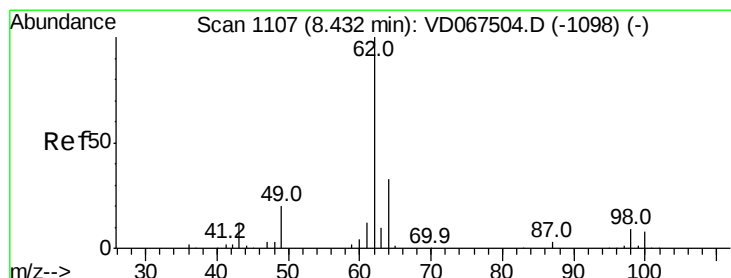
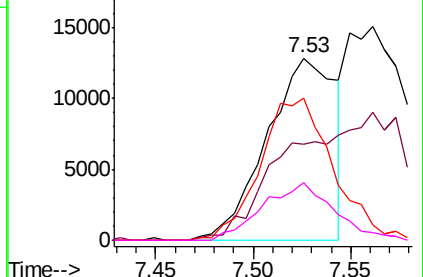
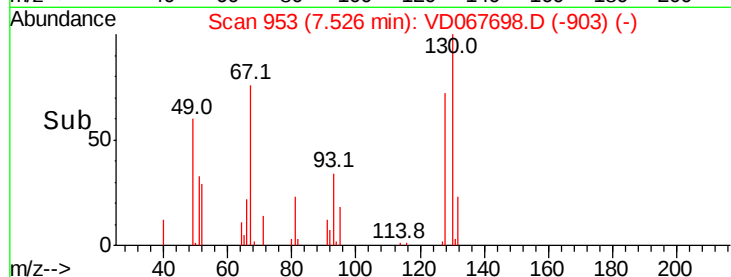


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 52.224 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VD067698.D

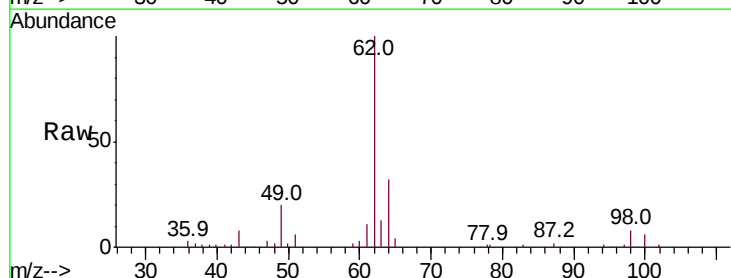
Acq: 19 Nov 2020 10:19

Tgt Ion: 62 Resp: 154665

Ion Ratio Lower Upper

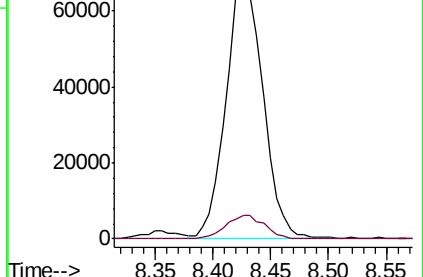
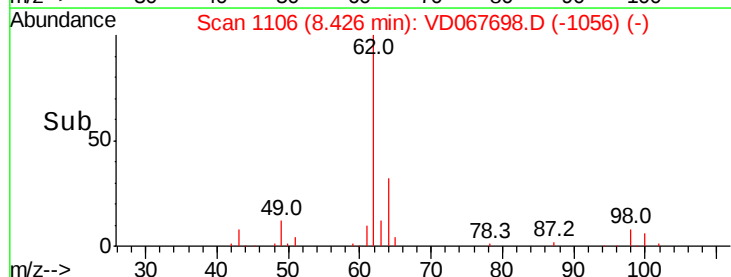
62 100

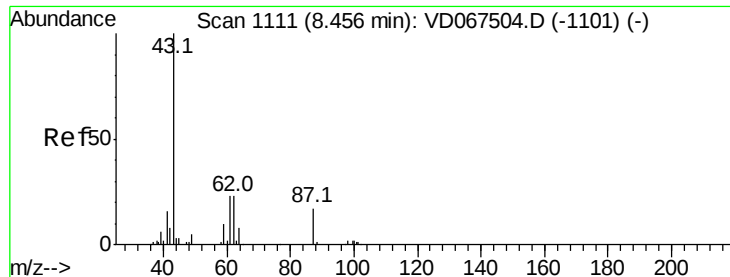
98 9.4 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 49.578 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

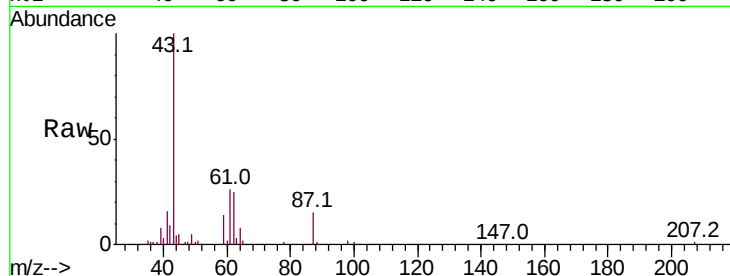
Tot Ion: 43 Resp: 90079

Ion Ratio Lower Upper

43 100

61 39.7 30.5 45.7

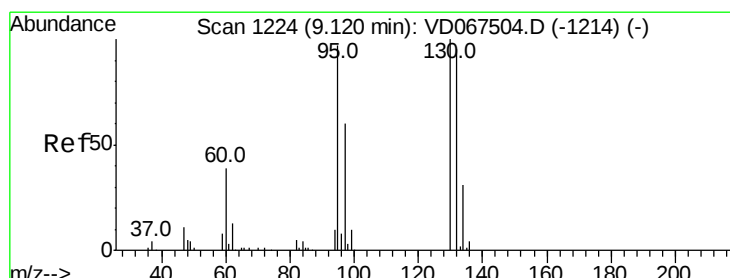
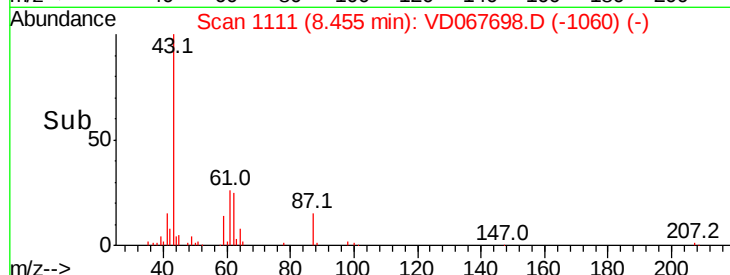
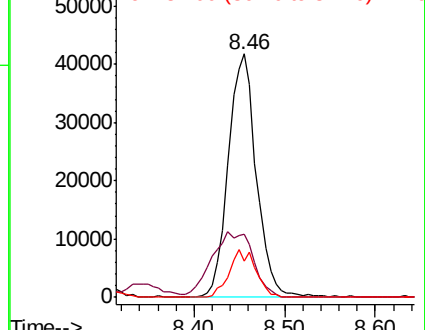
87 18.7 14.7 22.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 50.639 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VD067698.D

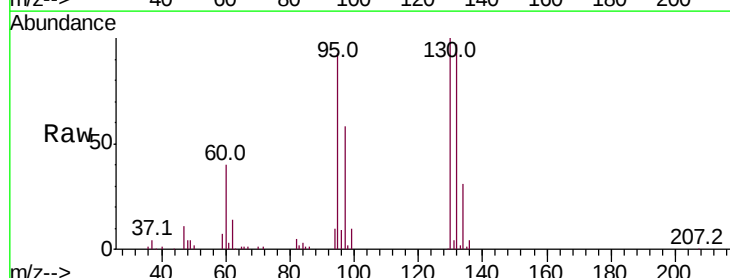
Acq: 19 Nov 2020 10:19

Tgt Ion:130 Resp: 159601

Ion Ratio Lower Upper

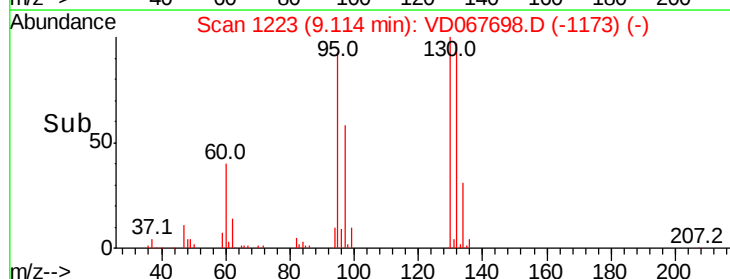
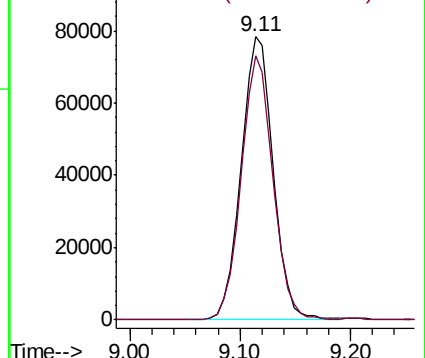
130 100

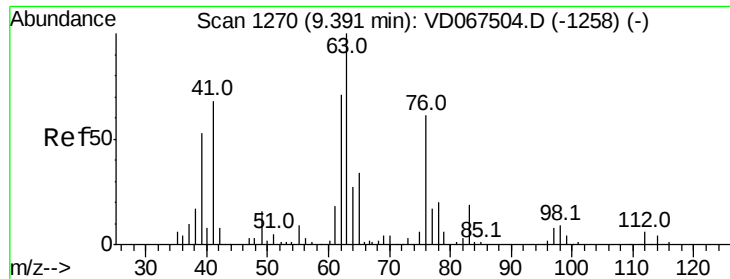
95 93.2 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 49.315 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

Instrument :

MSVOA_D

ClientSampleId :

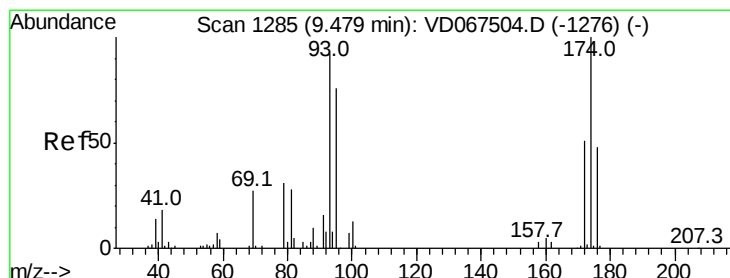
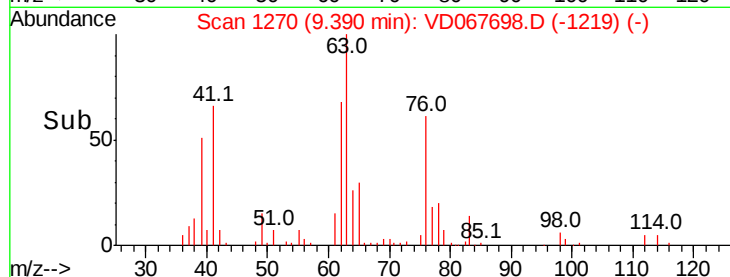
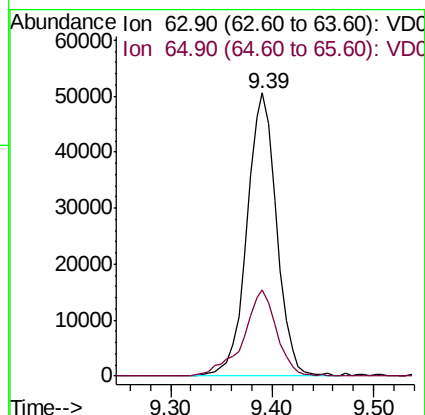
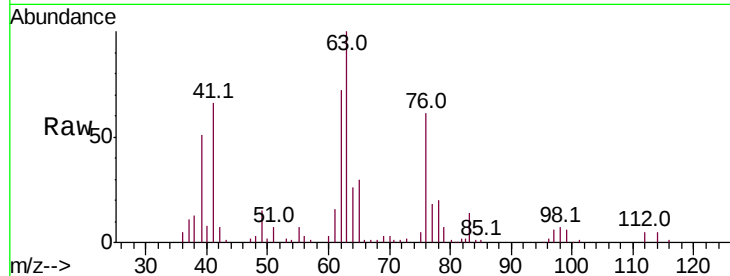
VSTDCCC050

Tot Ion: 63 Resp: 102201

Ion Ratio Lower Upper

63 100

65 30.5 26.9 40.3



#46

Dibromomethane

Concen: 51.524 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

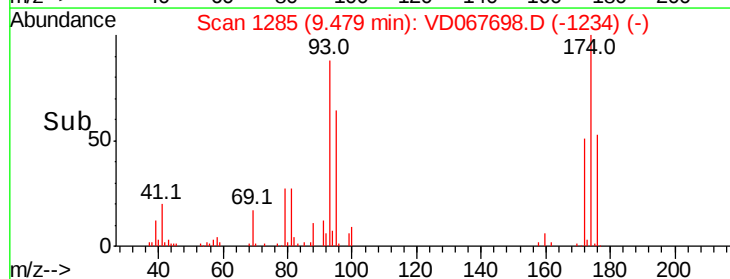
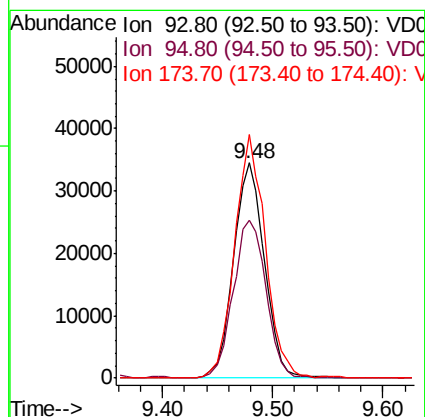
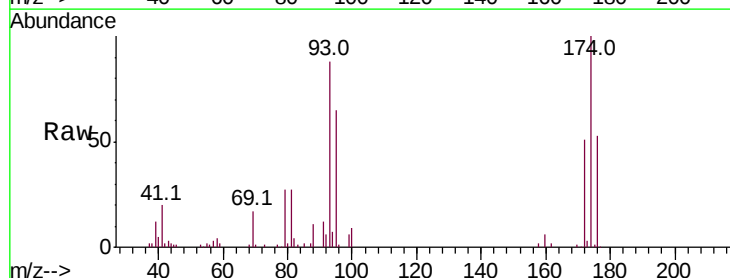
Tgt Ion: 93 Resp: 67894

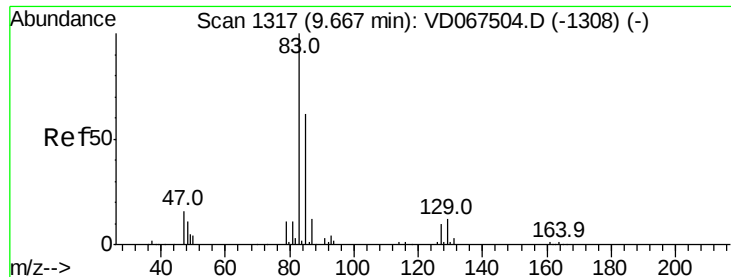
Ion Ratio Lower Upper

93 100

95 77.7 66.4 99.6

174 111.8 88.2 132.4





#47

Bromodichloromethane

Concen: 52.130 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

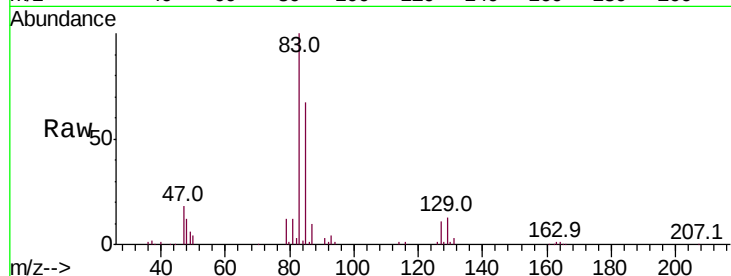
Tot Ion: 83 Resp: 186704

Ion Ratio Lower Upper

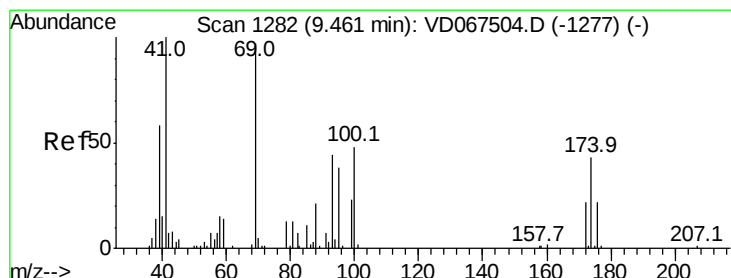
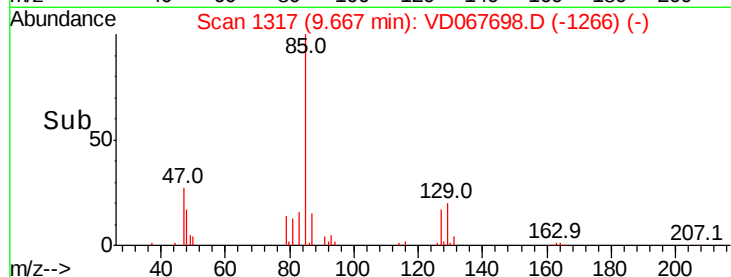
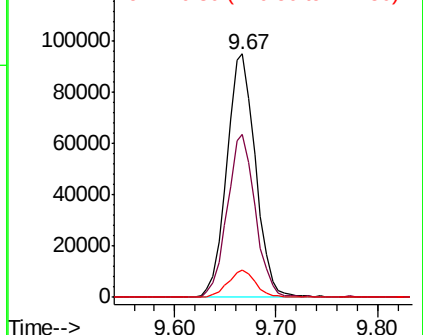
83 100

85 66.8 49.4 74.2

127 11.1 7.7 11.5



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



#48

Methyl methacrylate

Concen: 47.590 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

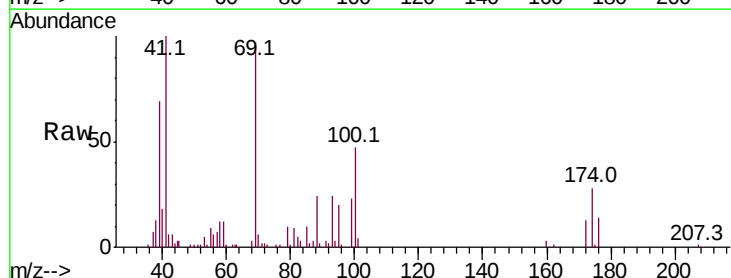
Tgt Ion: 41 Resp: 44645

Ion Ratio Lower Upper

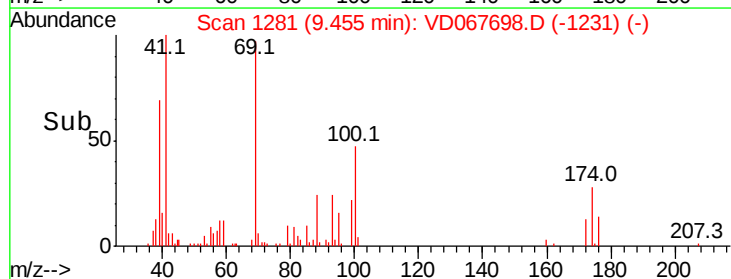
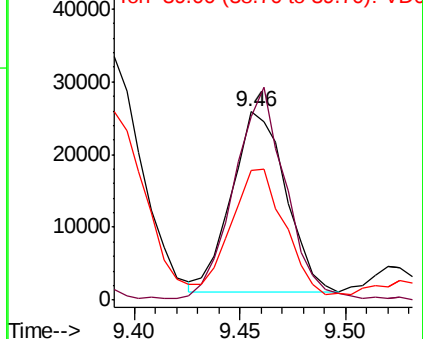
41 100

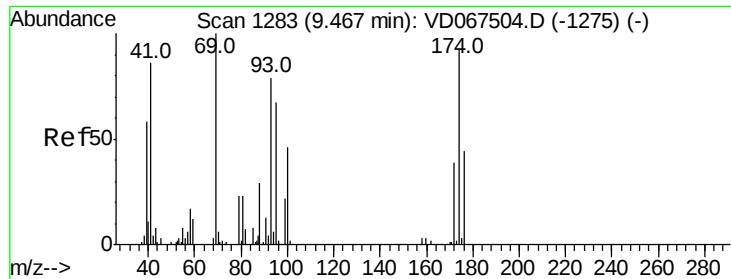
69 112.7 80.6 121.0

39 67.0 50.2 75.4



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

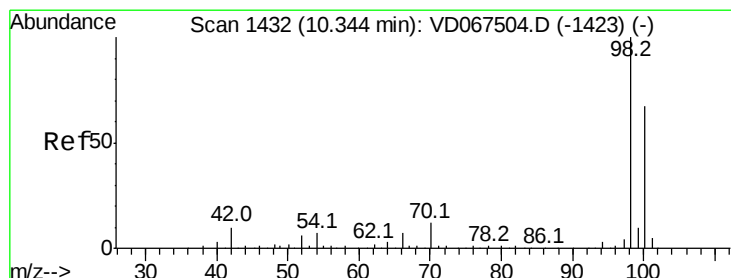
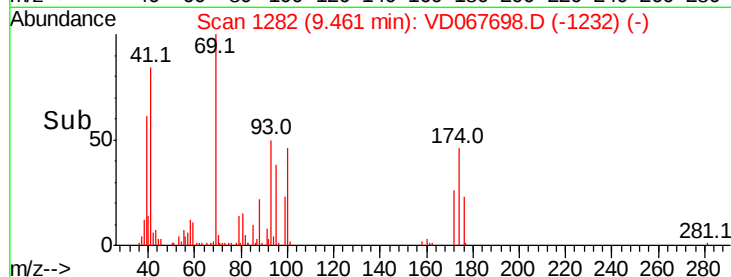
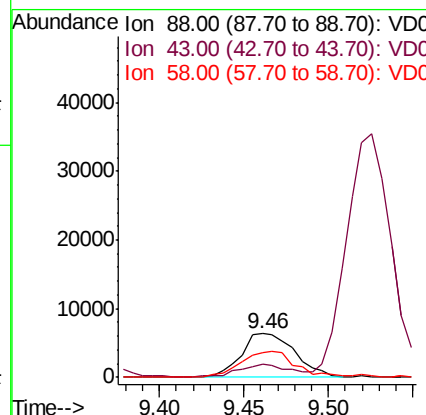
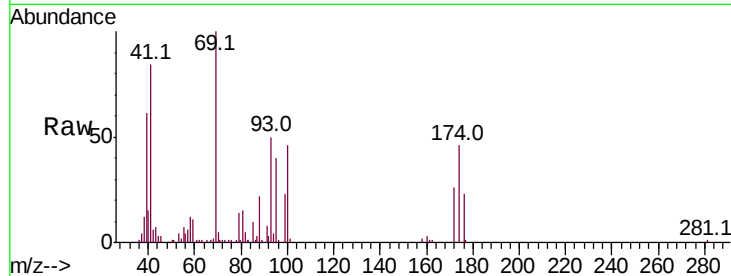




#49
1,4-Dioxane
Concen: 1046.275 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD067698.D
Acq: 19 Nov 2020 10:19

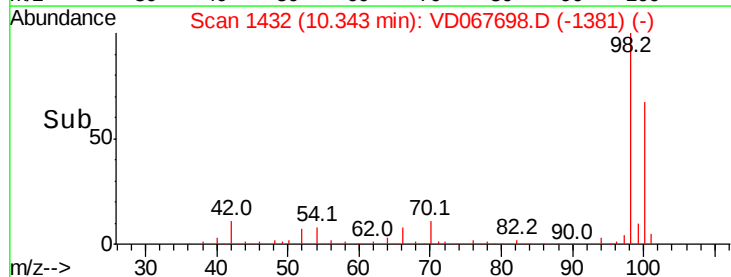
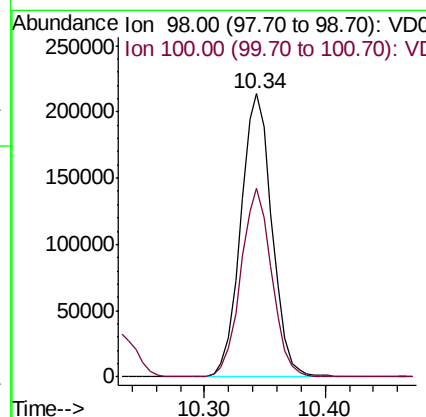
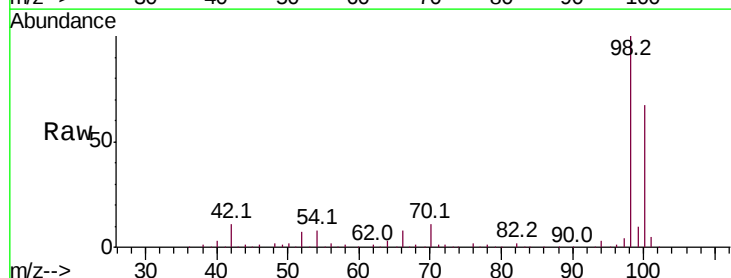
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

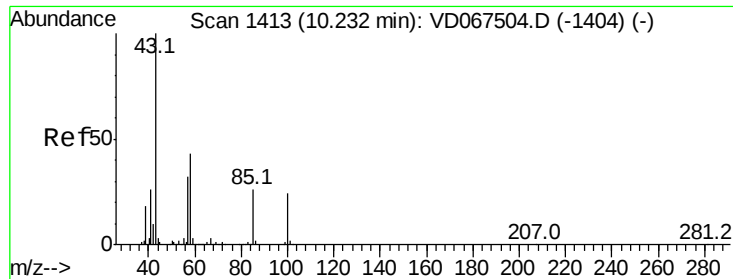
Tot Ion: 88 Resp: 13996
Ion Ratio Lower Upper
88 100
43 31.0 23.6 35.4
58 61.2 44.7 67.1



#50
Toluene-d8
Concen: 43.914 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067698.D
Acq: 19 Nov 2020 10:19

Tgt Ion: 98 Resp: 384378
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 261.829 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

Instrument :

MSVOA_D

ClientSampleId :

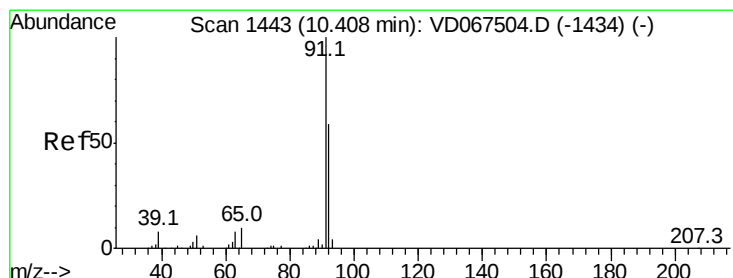
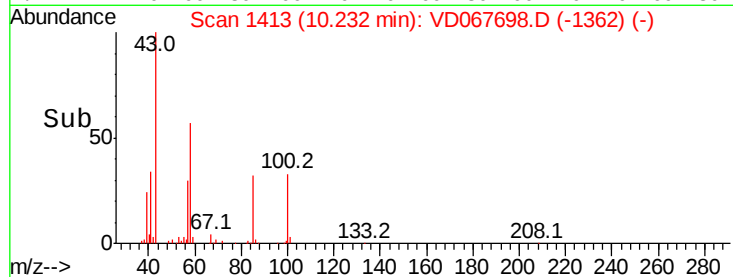
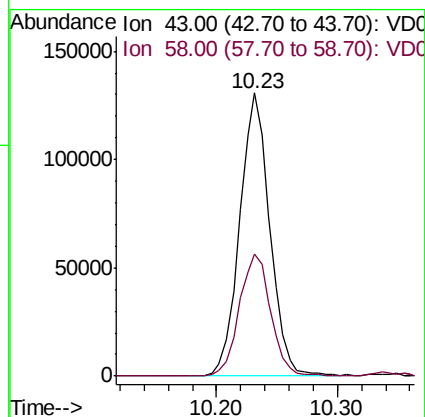
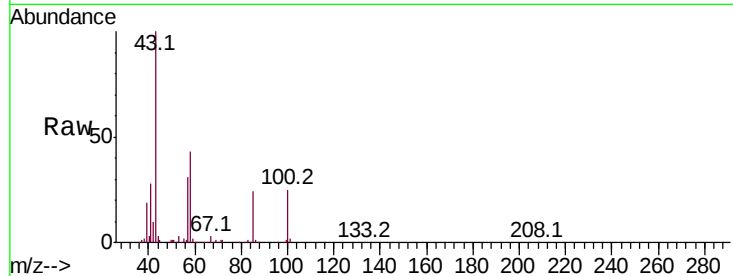
VSTDCCC050

Tot Ion: 43 Resp: 227514

Ion Ratio Lower Upper

43 100

58 44.7 35.6 53.4



#52

Toluene

Concen: 53.142 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD067698.D

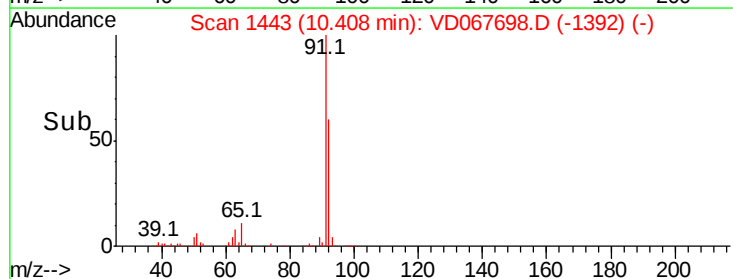
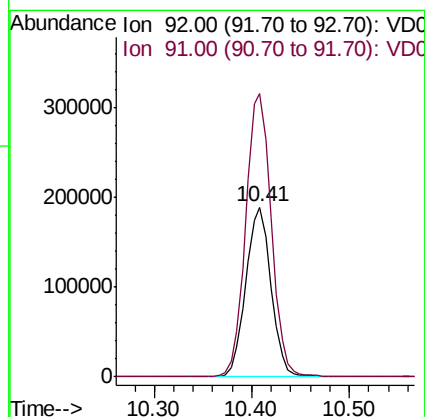
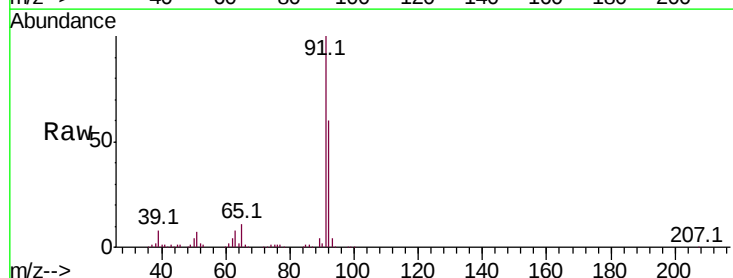
Acq: 19 Nov 2020 10:19

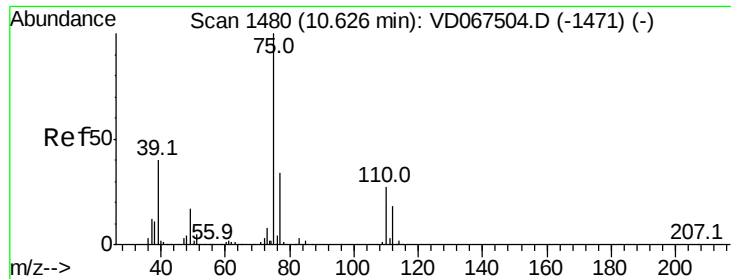
Tgt Ion: 92 Resp: 341185

Ion Ratio Lower Upper

92 100

91 170.1 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 53.461 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

Instrument :

MSVOA_D

ClientSampleId :

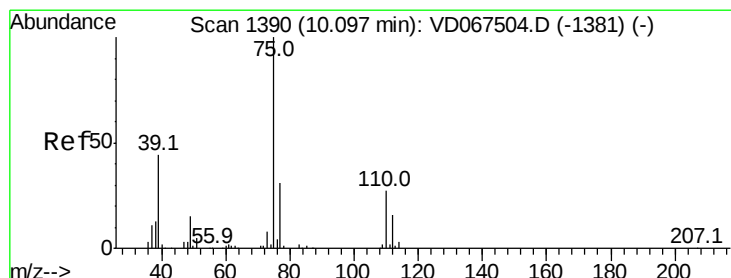
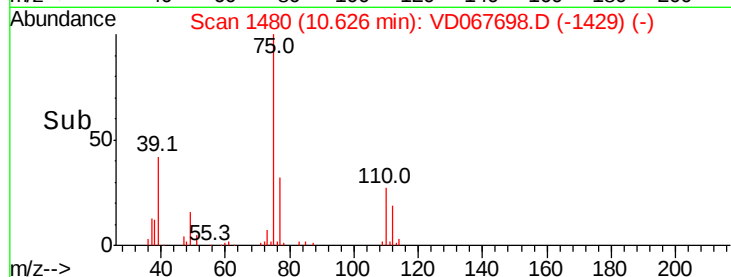
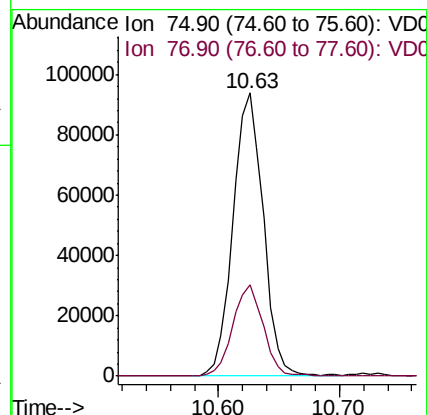
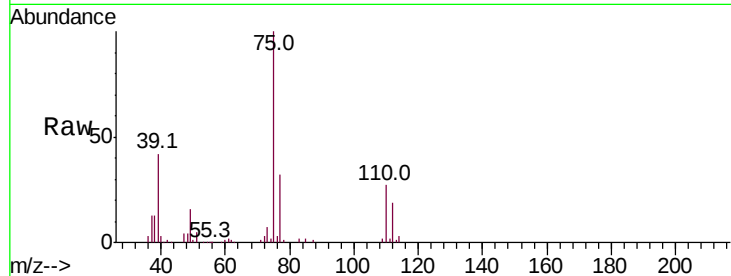
VSTDCCC050

Tot Ion: 75 Resp: 163988

Ion Ratio Lower Upper

75 100

77 32.3 27.0 40.6



#54

cis-1,3-Dichloropropene

Concen: 51.689 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

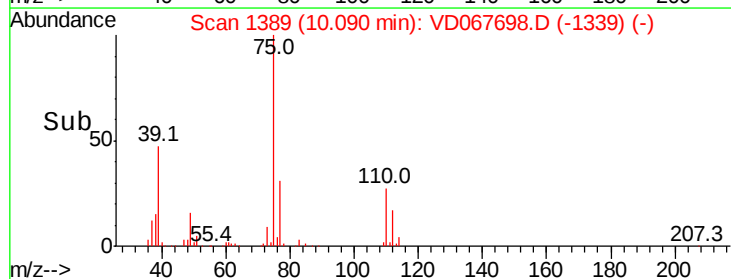
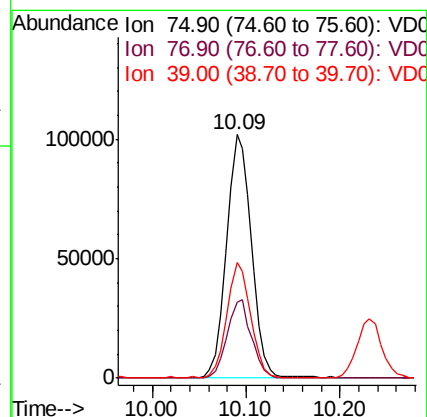
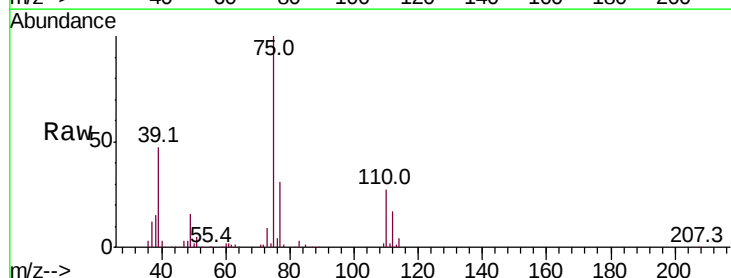
Tgt Ion: 75 Resp: 188377

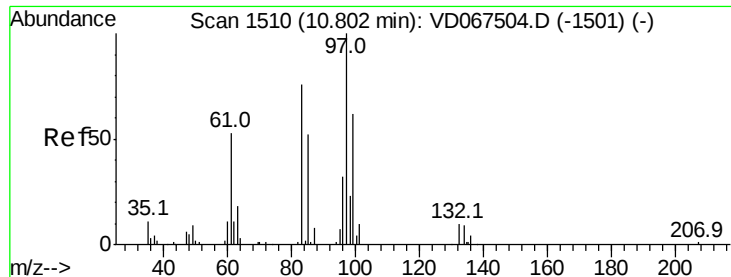
Ion Ratio Lower Upper

75 100

77 31.1 24.4 36.6

39 46.9 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 51.528 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 89838

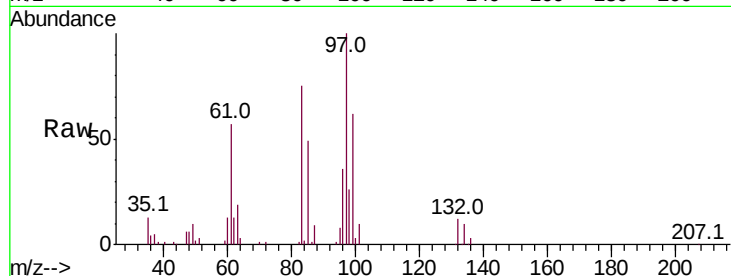
Ion Ratio Lower Upper

97 100

83 75.5 61.0 91.6

85 49.4 41.5 62.3

99 61.9 49.4 74.2

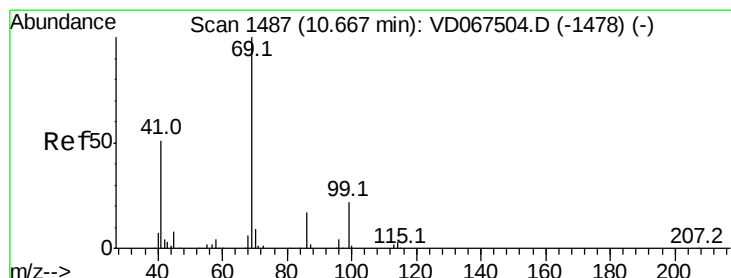
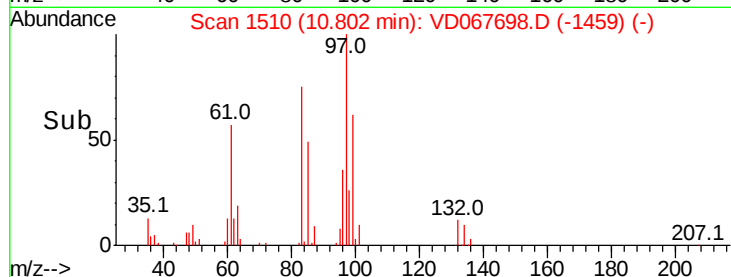
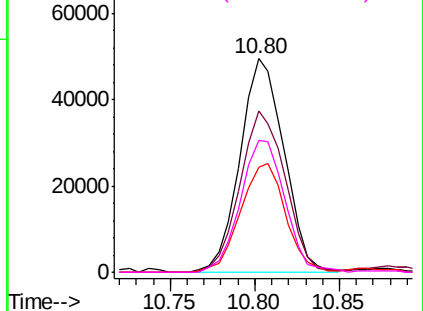


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 52.688 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

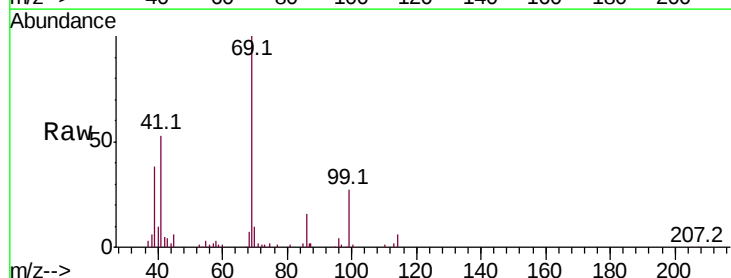
Tgt Ion: 69 Resp: 94862

Ion Ratio Lower Upper

69 100

41 52.5 45.4 68.0

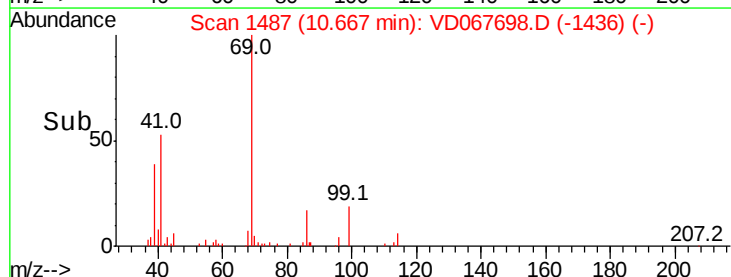
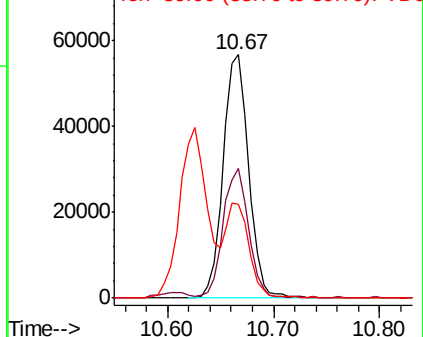
39 35.3 27.4 41.0

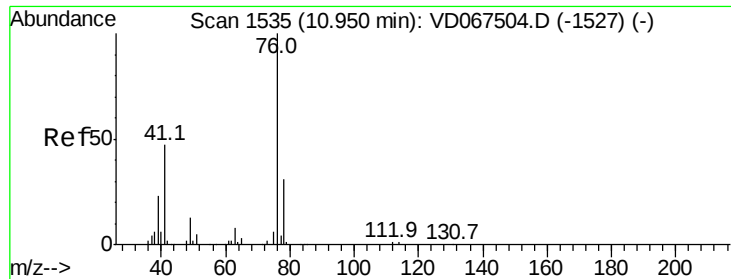


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 52.919 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

Instrument :

MSVOA_D

ClientSampleId :

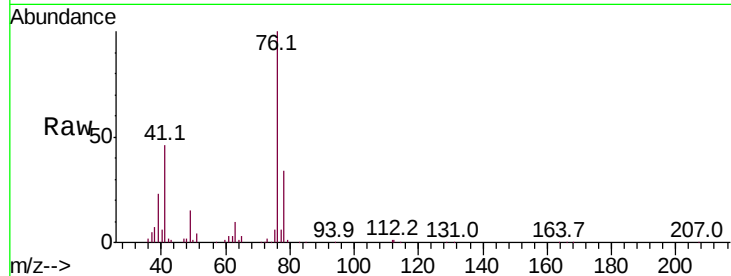
VSTDCCC050

Tot Ion: 76 Resp: 148469

Ion Ratio Lower Upper

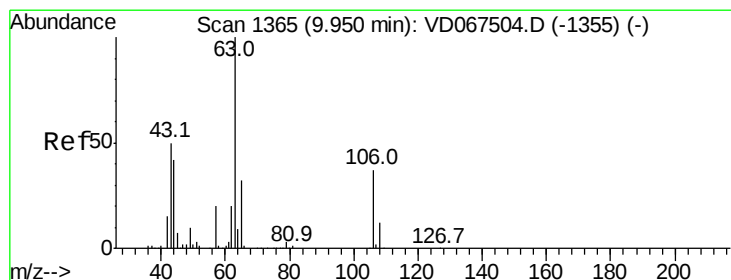
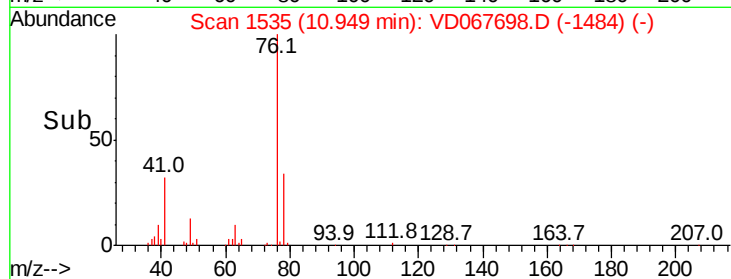
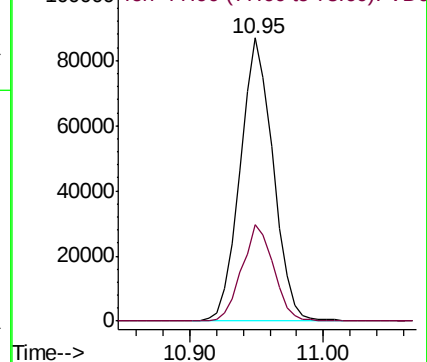
76 100

78 32.8 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 261.981 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.01 min

Lab File: VD067698.D

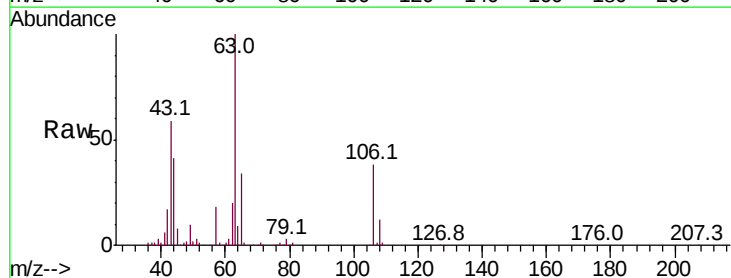
Acq: 19 Nov 2020 10:19

Tgt Ion: 63 Resp: 219959

Ion Ratio Lower Upper

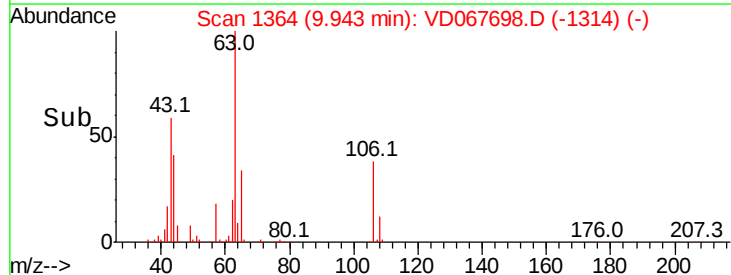
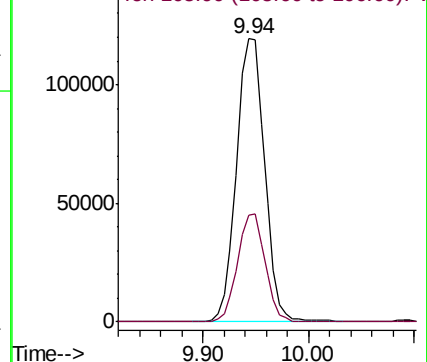
63 100

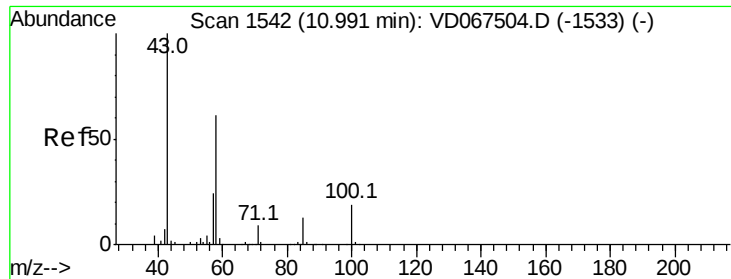
106 37.1 29.2 43.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

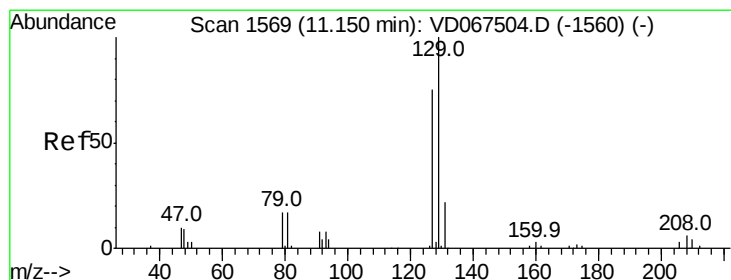
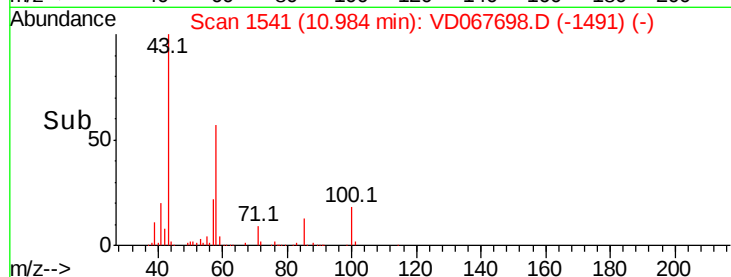
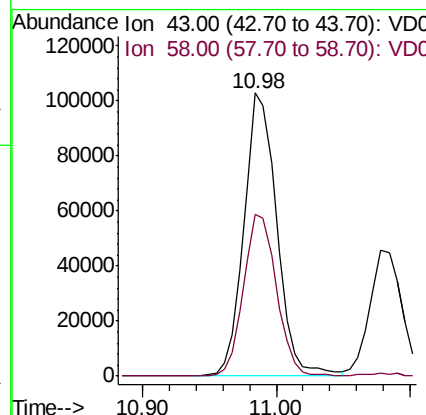
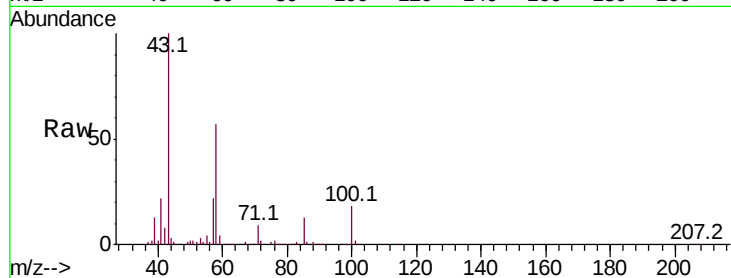




#59
2-Hexanone
Concen: 288.096 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD067698.D
Acq: 19 Nov 2020 10:19

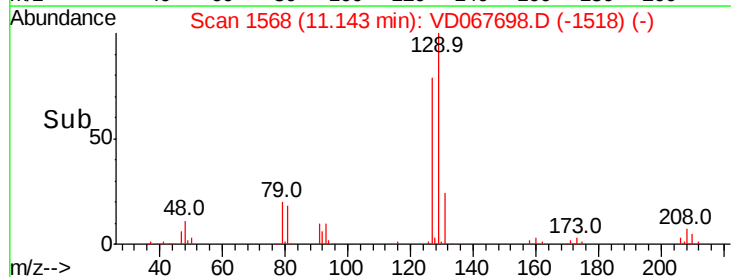
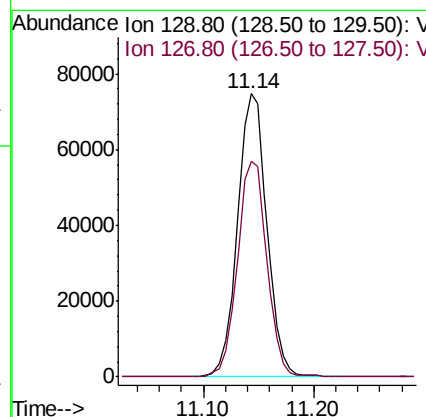
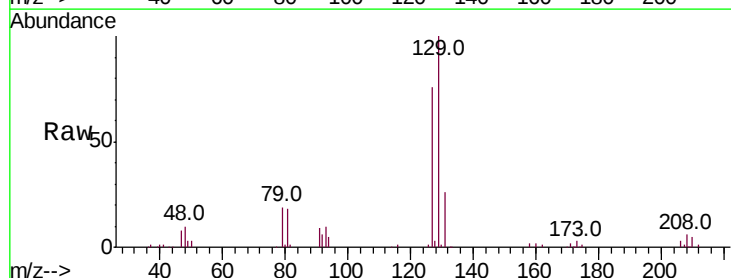
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

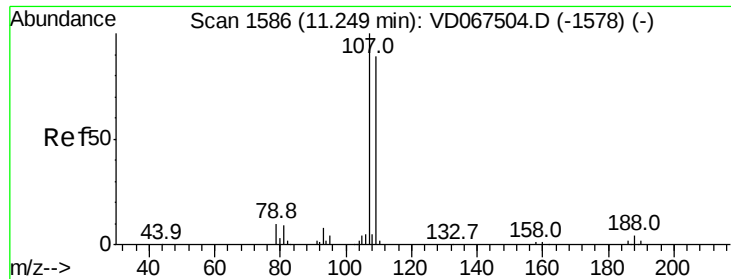
Tot Ion: 43 Resp: 175037
Ion Ratio Lower Upper
43 100
58 57.2 30.3 90.9



#60
Dibromochloromethane
Concen: 54.108 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067698.D
Acq: 19 Nov 2020 10:19

Tgt Ion: 129 Resp: 139549
Ion Ratio Lower Upper
129 100
127 76.5 38.0 114.1





#61

1,2-Dibromoethane

Concen: 51.279 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

Instrument :

MSVOA_D

ClientSampleId :

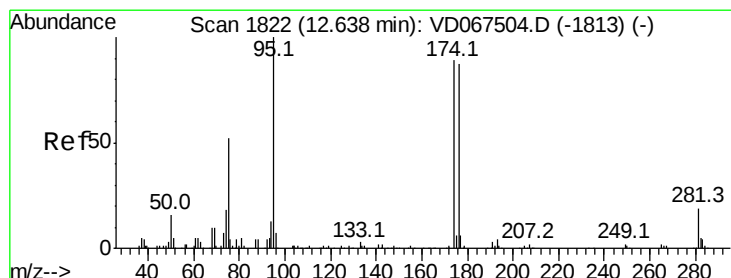
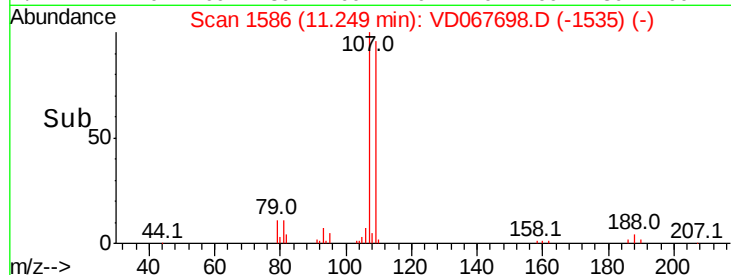
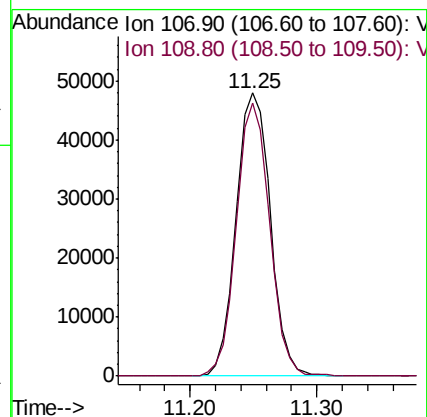
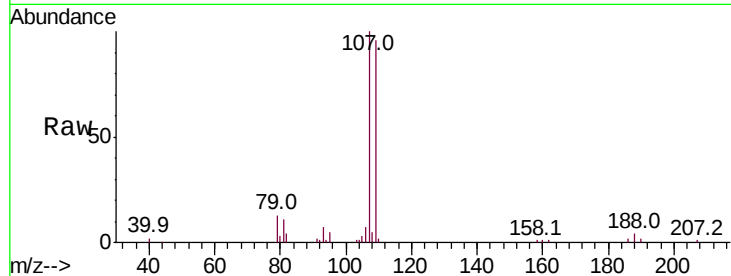
VSTDCCC050

Tot Ion:107 Resp: 89729

Ion Ratio Lower Upper

107 100

109 93.6 74.6 111.8



#62

4-Bromofluorobenzene

Concen: 45.832 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

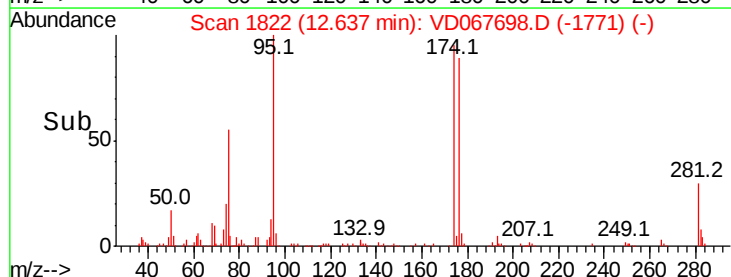
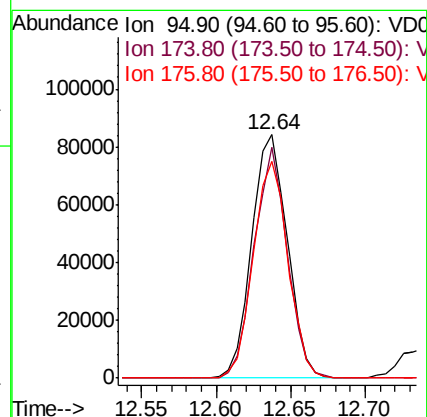
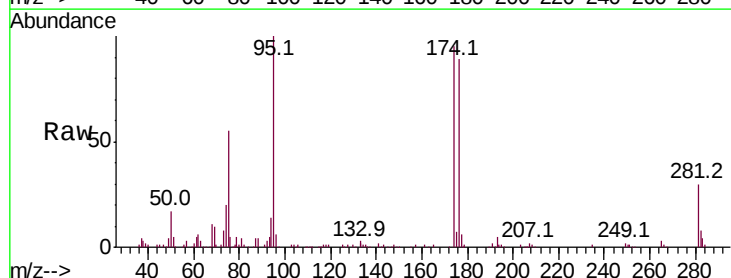
Tgt Ion: 95 Resp: 138503

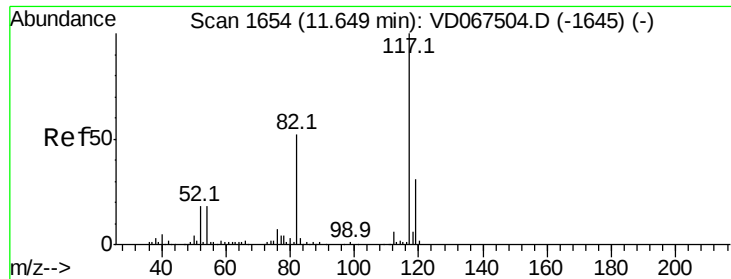
Ion Ratio Lower Upper

95 100

174 88.1 0.0 177.8

176 86.9 0.0 172.0

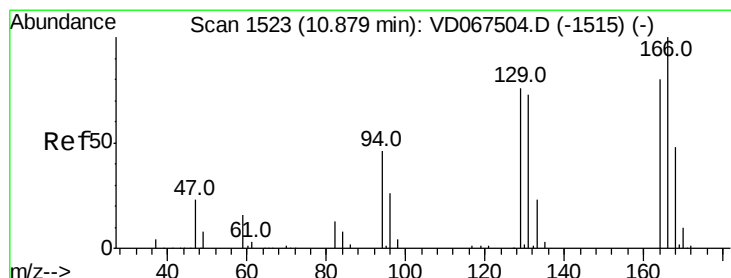
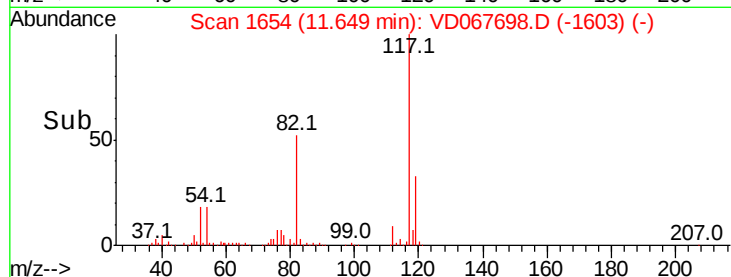
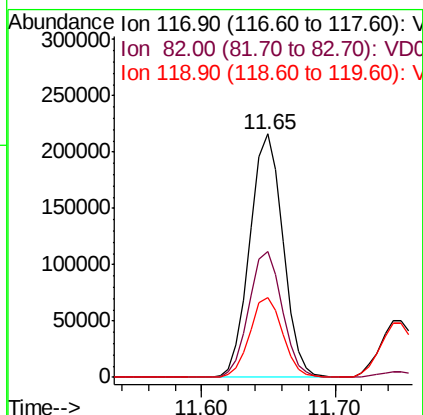
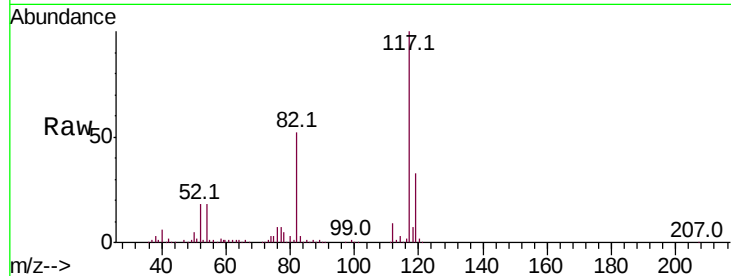




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067698.D
Acq: 19 Nov 2020 10:19

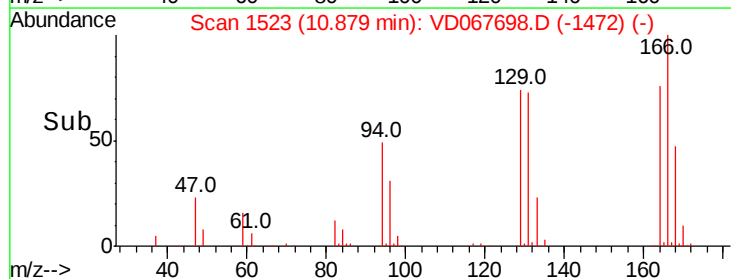
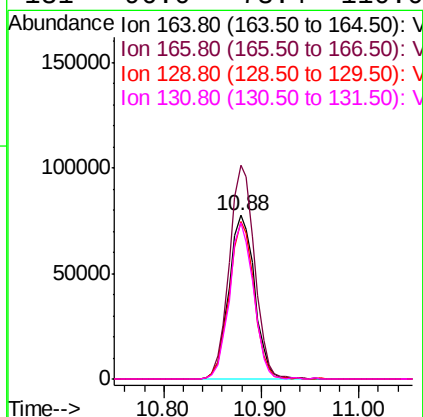
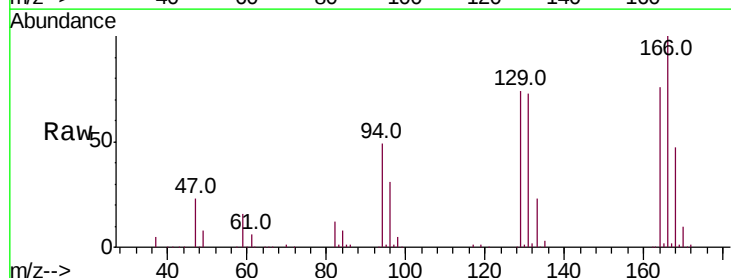
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

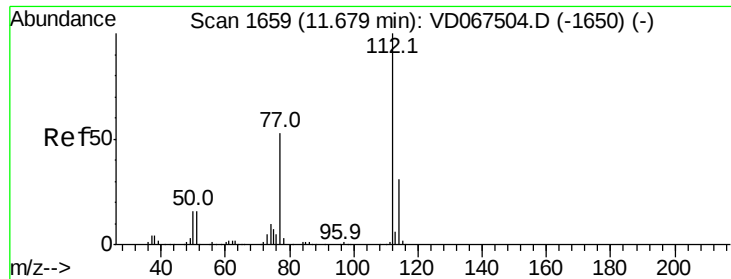
Tot Ion:117 Resp: 371687
Ion Ratio Lower Upper
117 100
82 51.8 41.6 62.4
119 32.8 25.1 37.7



#64
Tetrachloroethene
Concen: 51.538 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD067698.D
Acq: 19 Nov 2020 10:19

Tgt Ion:164 Resp: 141867
Ion Ratio Lower Upper
164 100
166 130.7 99.9 149.9
129 96.7 75.5 113.3
131 96.0 73.4 110.0





#65

Chlorobenzene

Concen: 51.899 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

Instrument :

MSVOA_D

ClientSampleId :

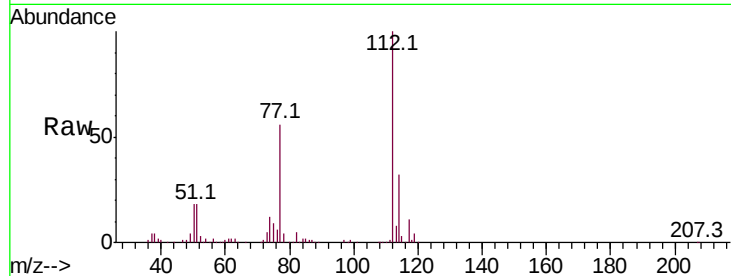
VSTDCCC050

Tot Ion:112 Resp: 371583

Ion Ratio Lower Upper

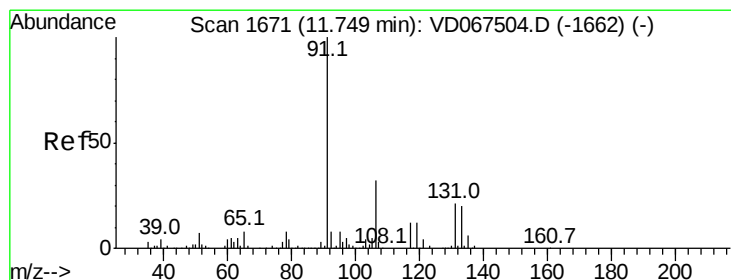
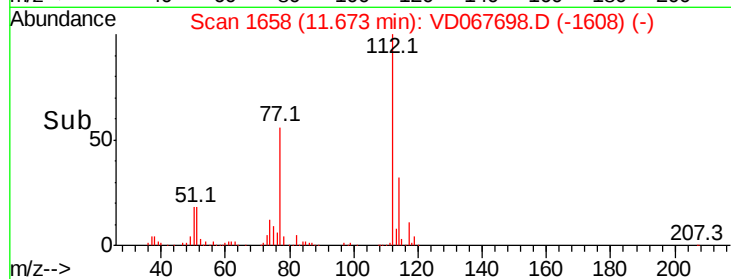
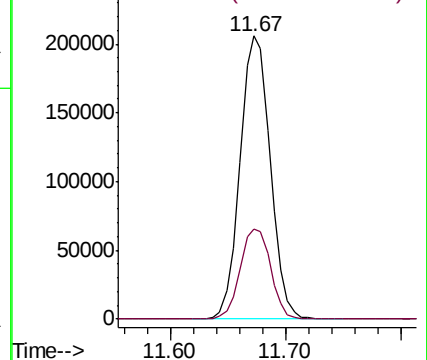
112 100

114 32.1 24.9 37.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.141 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

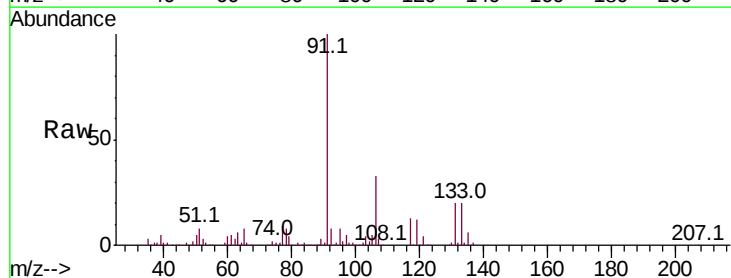
Tgt Ion:131 Resp: 147135

Ion Ratio Lower Upper

131 100

133 96.9 48.0 144.0

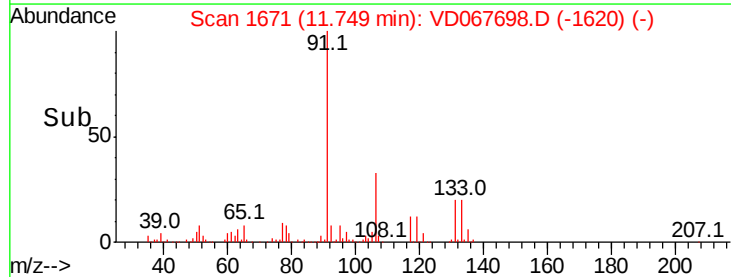
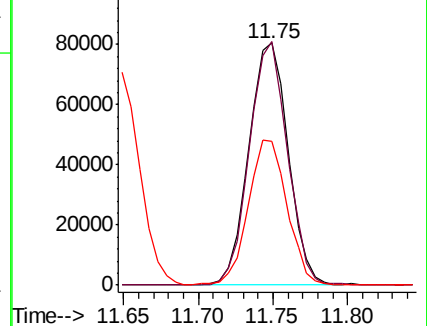
119 59.2 30.1 90.5

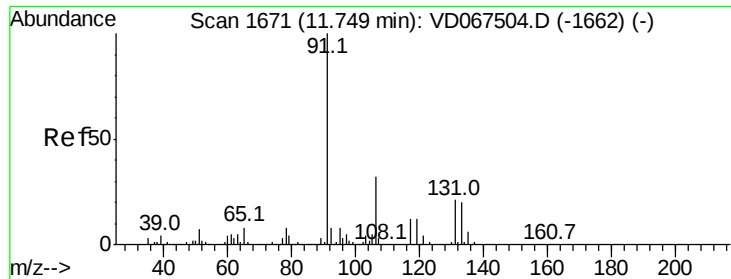


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

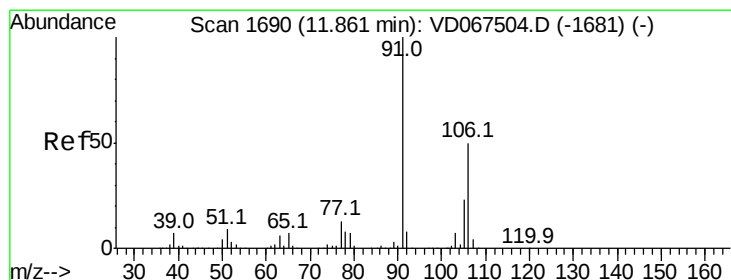
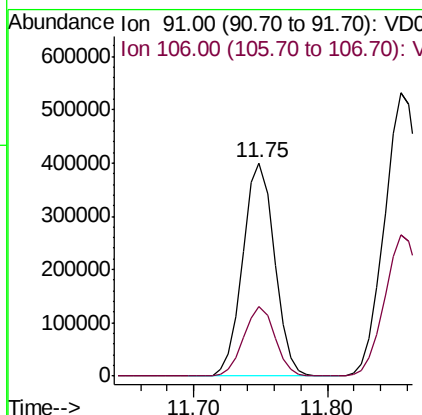
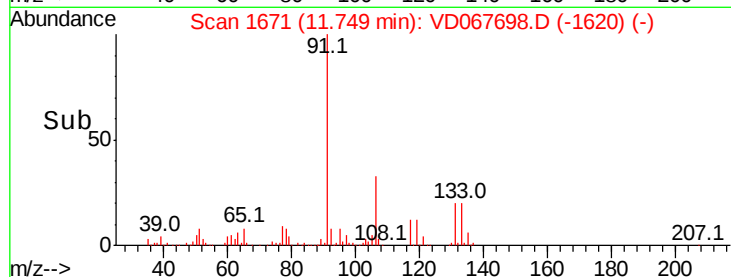
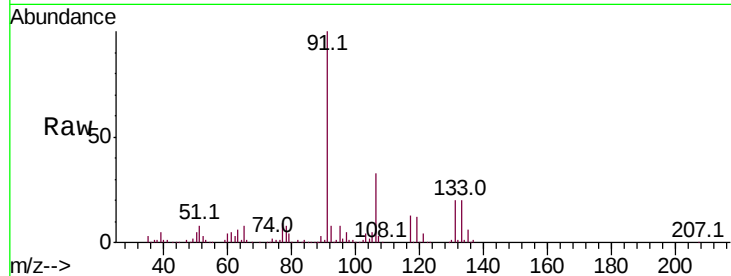




#67
Ethyl Benzene
Concen: 53.801 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD067698.D
Acq: 19 Nov 2020 10:19

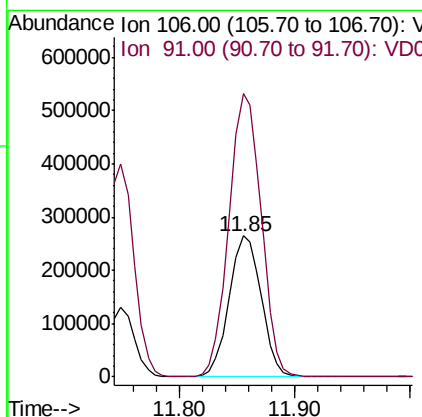
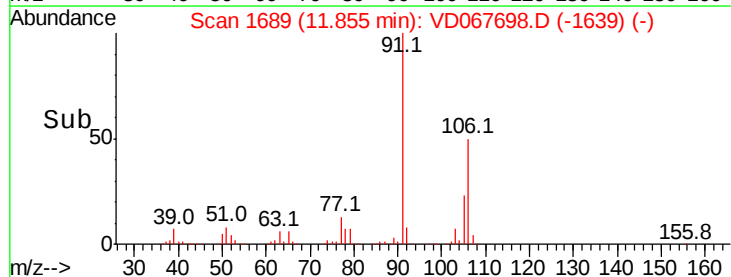
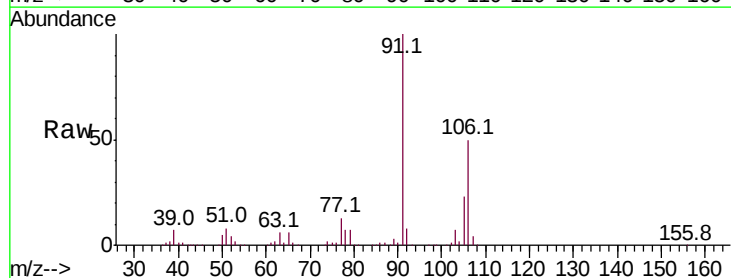
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

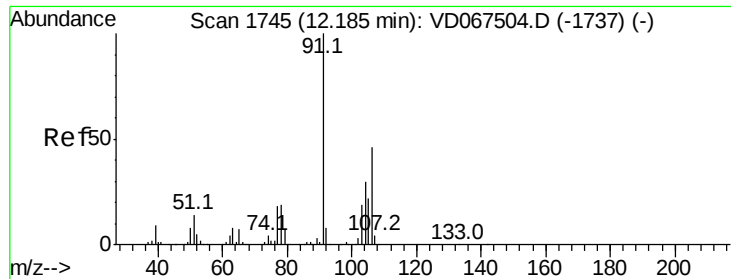
Tot Ion: 91 Resp: 659154
Ion Ratio Lower Upper
91 100
106 32.8 25.7 38.5



#68
m/p-Xylenes
Concen: 107.168 ug/l
RT: 11.85 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VD067698.D
Acq: 19 Nov 2020 10:19

Tgt Ion: 106 Resp: 510809
Ion Ratio Lower Upper
106 100
91 201.7 162.6 244.0

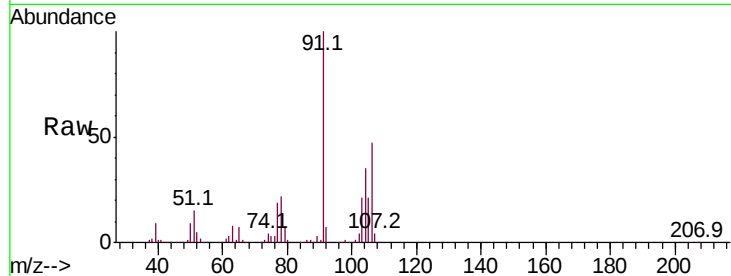




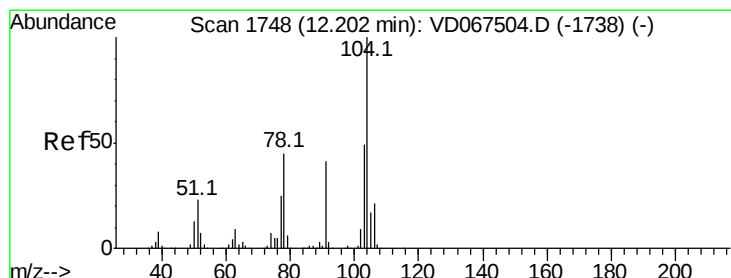
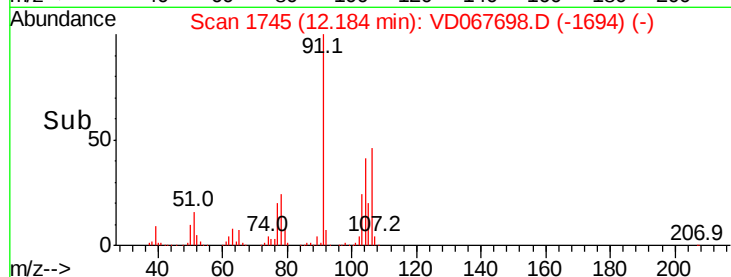
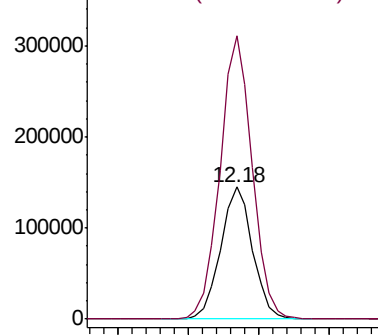
#69
o-Xylene
Concen: 53.895 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD067698.D
Acq: 19 Nov 2020 10:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 229354
Ion Ratio Lower Upper
106 100
91 216.0 107.1 321.1

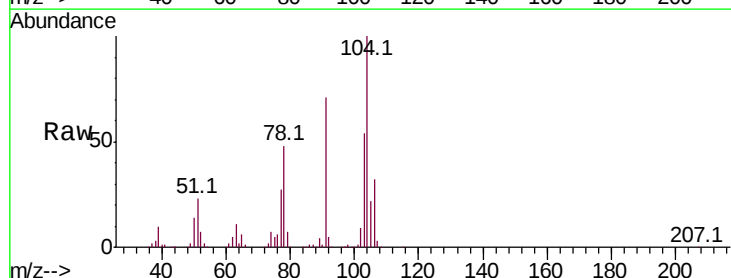


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

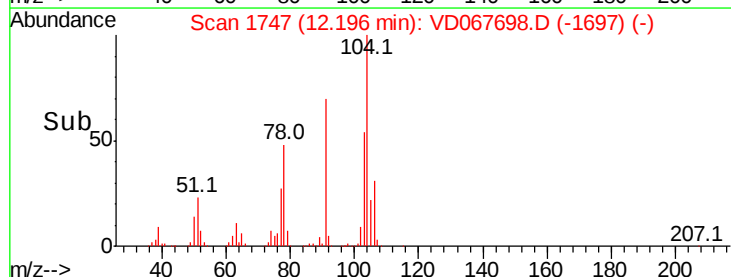
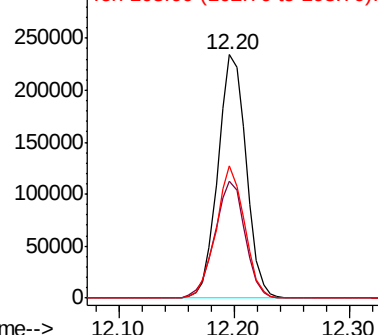


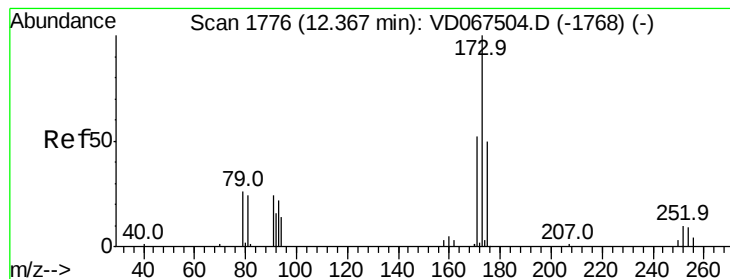
#70
Styrene
Concen: 53.694 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067698.D
Acq: 19 Nov 2020 10:19

Tgt Ion:104 Resp: 398166
Ion Ratio Lower Upper
104 100
78 51.4 39.8 59.8
103 54.9 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 53.501 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

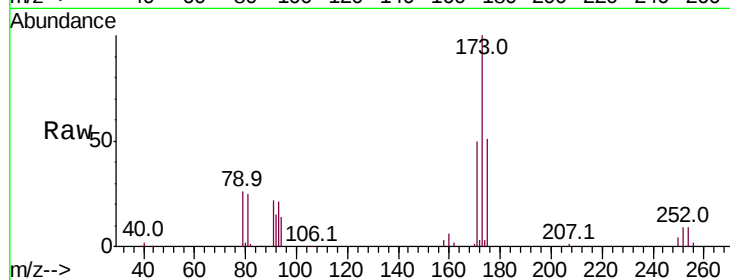
Tot Ion:173 Resp: 76997

Ion Ratio Lower Upper

173 100

175 49.1 24.1 72.2

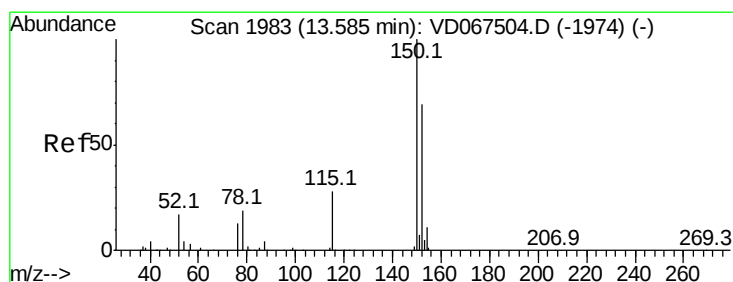
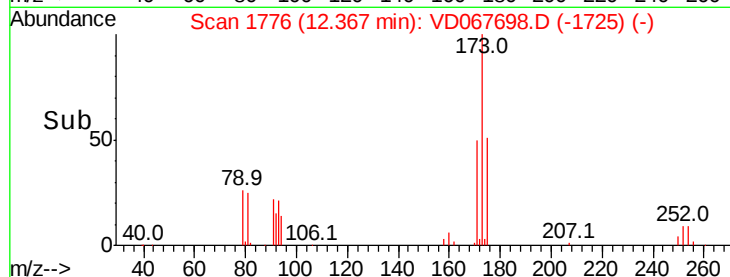
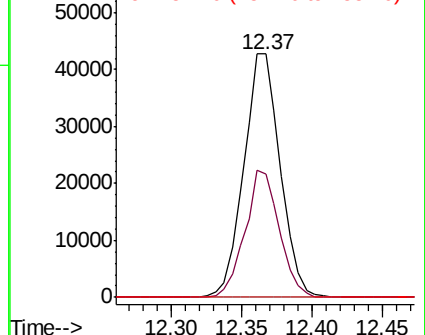
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

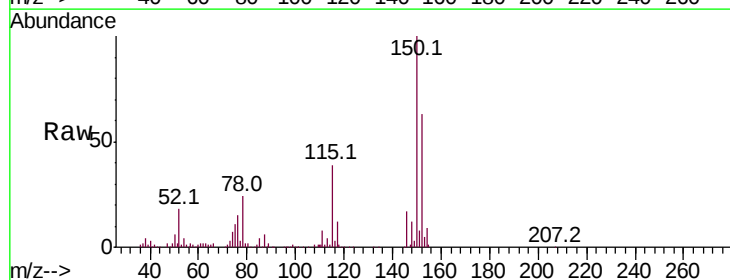
Tgt Ion:152 Resp: 187949

Ion Ratio Lower Upper

152 100

115 61.0 29.3 88.0

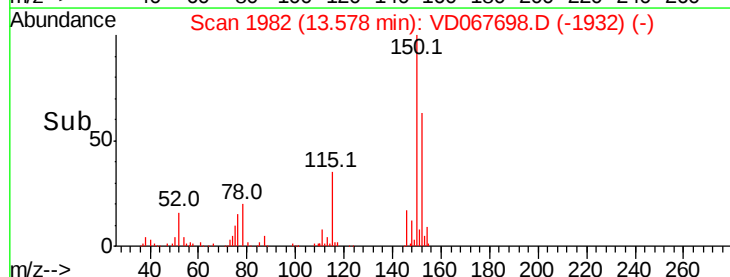
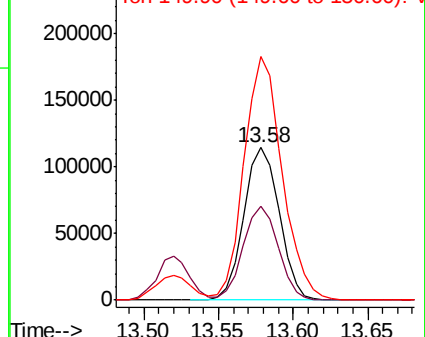
150 171.9 0.0 338.2

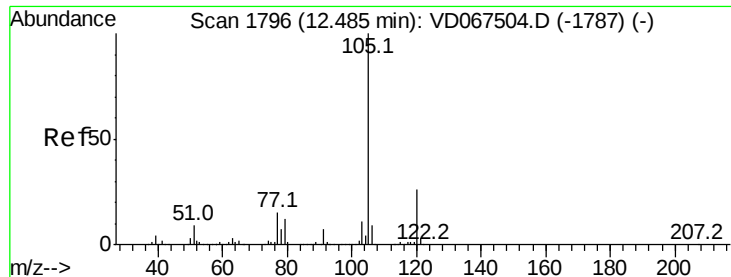


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.036 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

Instrument :

MSVOA_D

ClientSampleId :

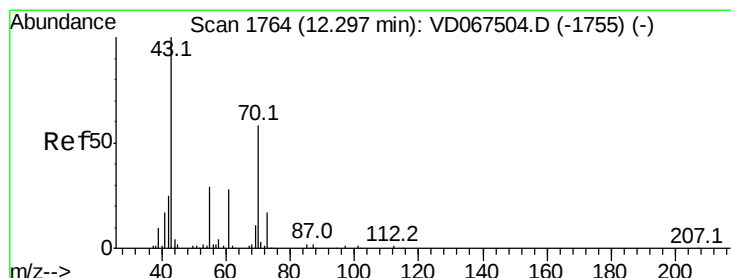
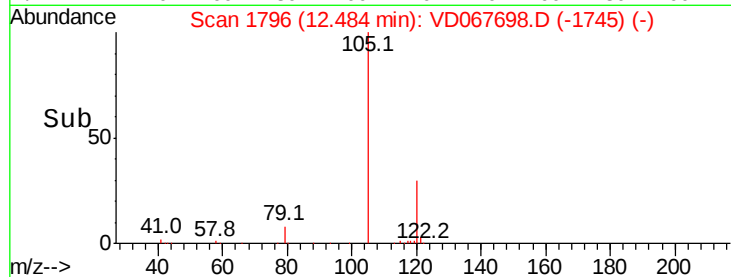
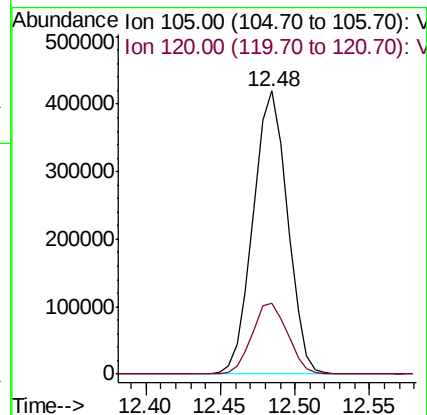
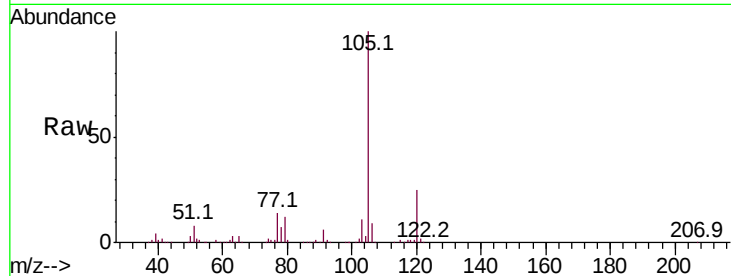
VSTDCCC050

Tot Ion:105 Resp: 668507

Ion Ratio Lower Upper

105 100

120 26.0 13.2 39.6



#74

N-ethyl acetate

Concen: 52.216 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

Tgt Ion: 43 Resp: 83458

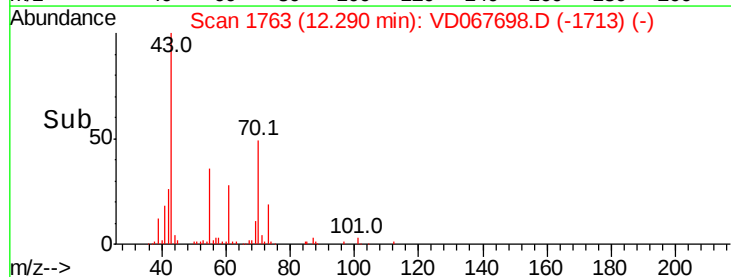
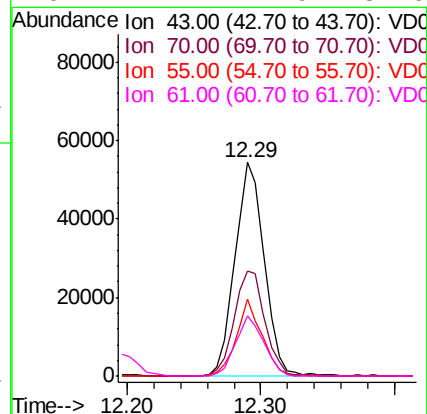
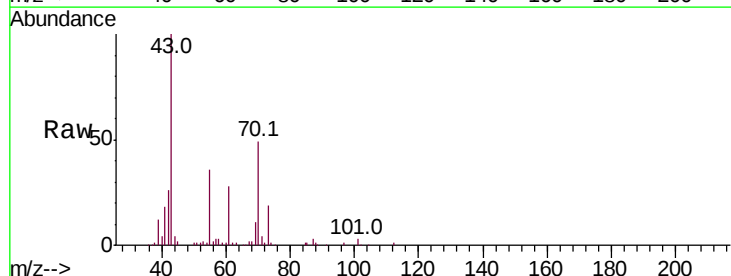
Ion Ratio Lower Upper

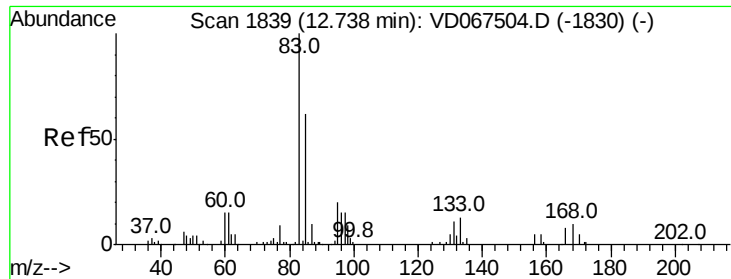
43 100

70 51.3 42.6 64.0

55 31.5 23.7 35.5

61 27.1 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 50.830 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

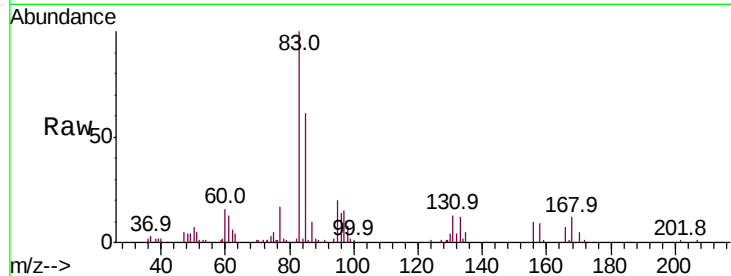
Tot Ion: 83 Resp: 84193

Ion Ratio Lower Upper

83 100

131 13.9 7.1 21.3

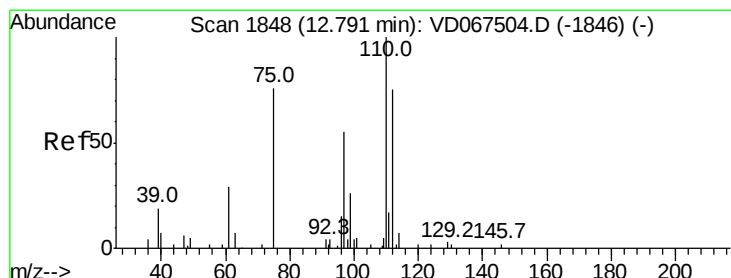
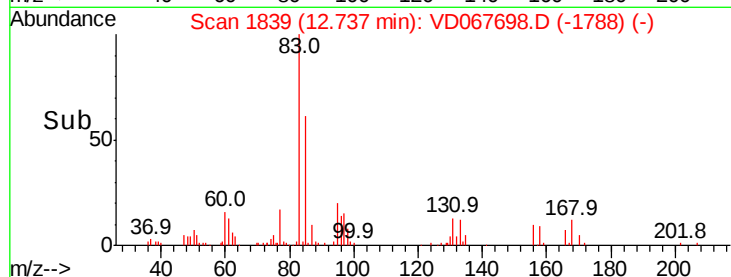
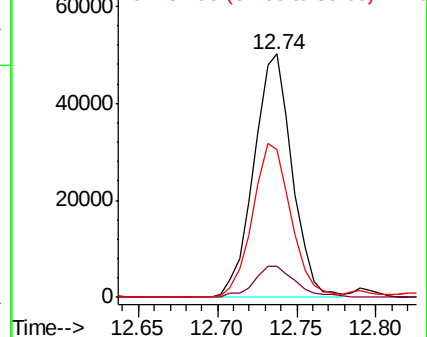
85 63.9 32.9 98.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 107.048 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD067698.D

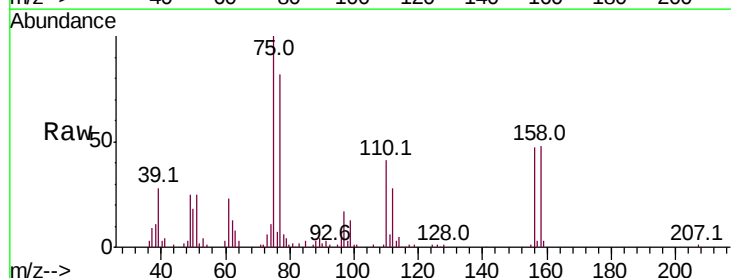
Acq: 19 Nov 2020 10:19

Tgt Ion: 75 Resp: 121373

Ion Ratio Lower Upper

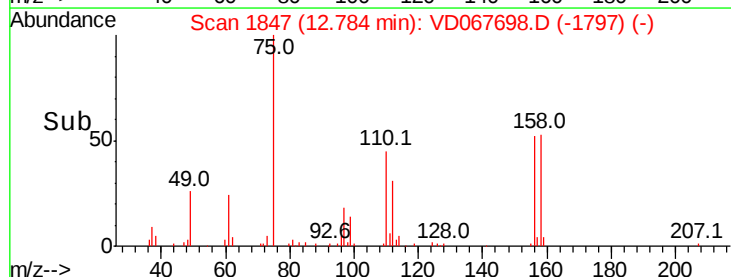
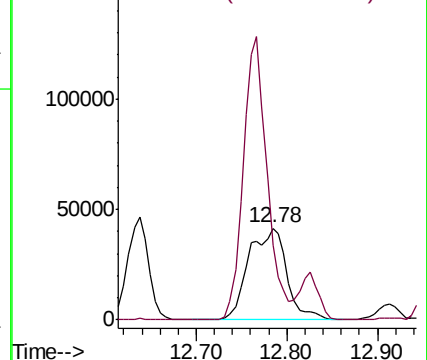
75 100

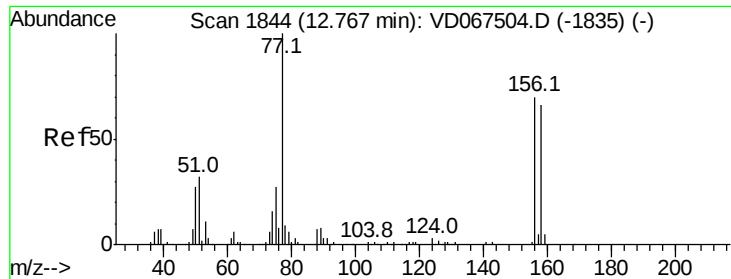
77 192.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 51.820 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

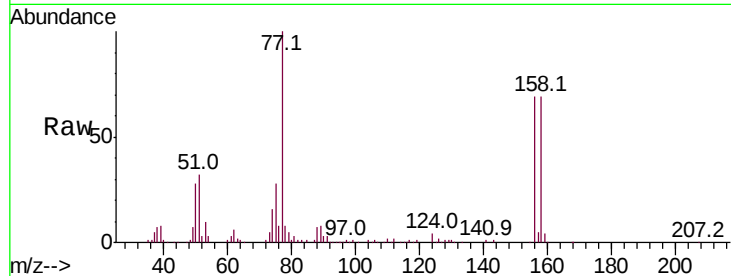
Tot Ion:156 Resp: 154586

Ion Ratio Lower Upper

156 100

77 151.3 77.8 233.5

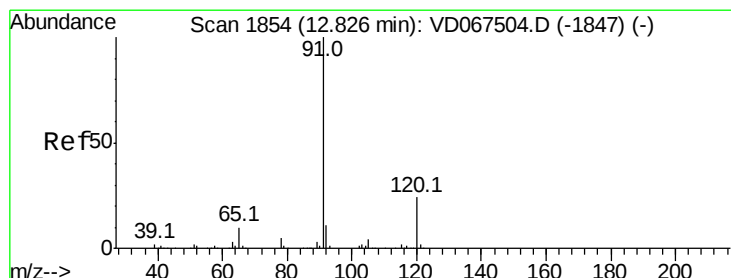
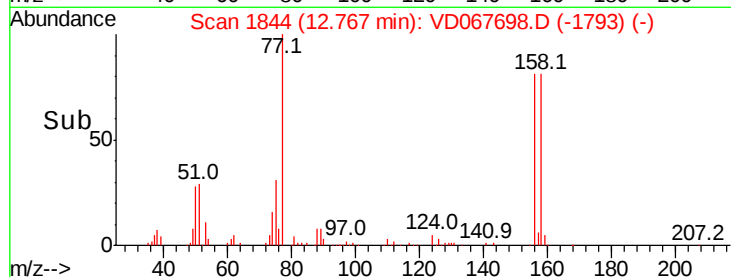
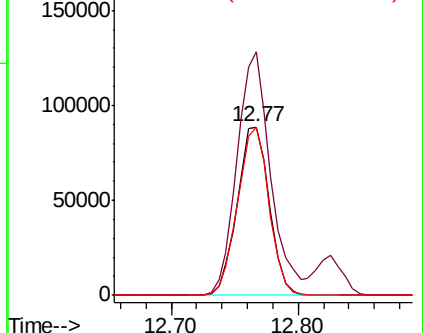
158 98.1 47.9 143.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.090 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD067698.D

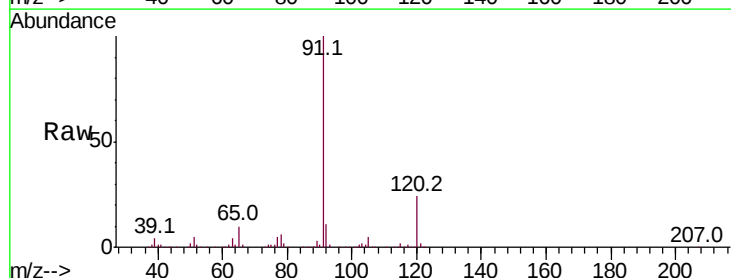
Acq: 19 Nov 2020 10:19

Tgt Ion: 91 Resp: 737629

Ion Ratio Lower Upper

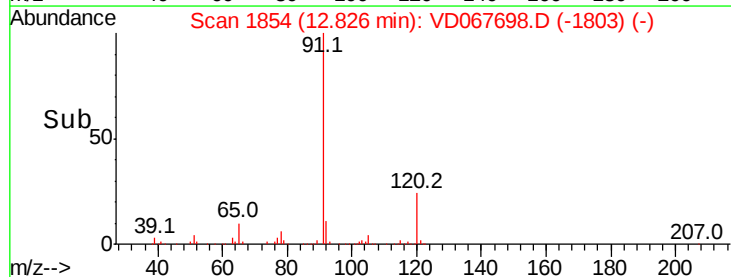
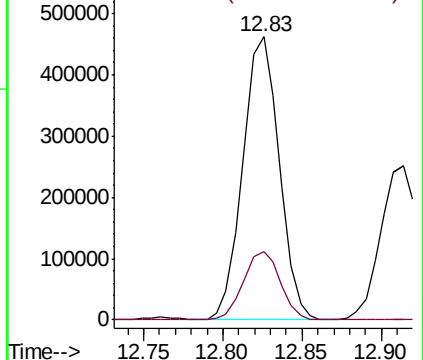
91 100

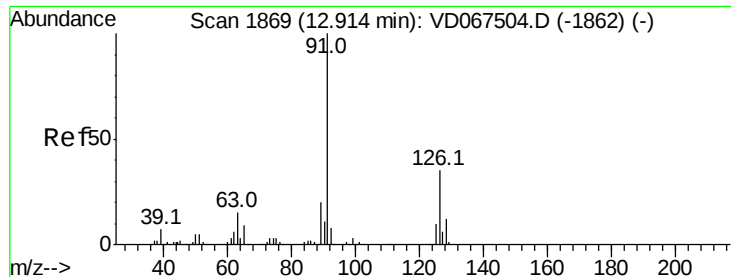
120 24.6 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

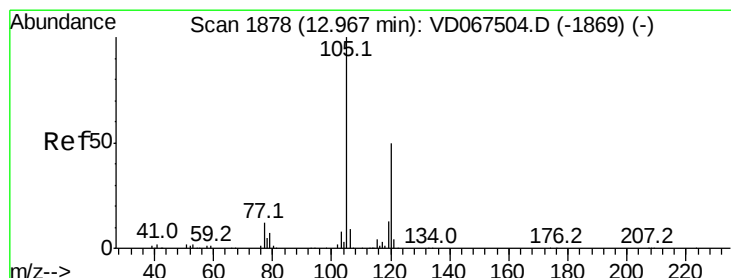
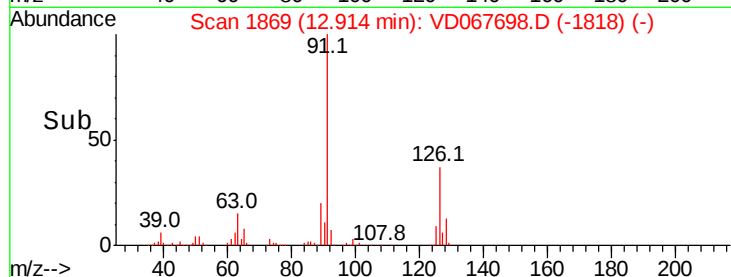
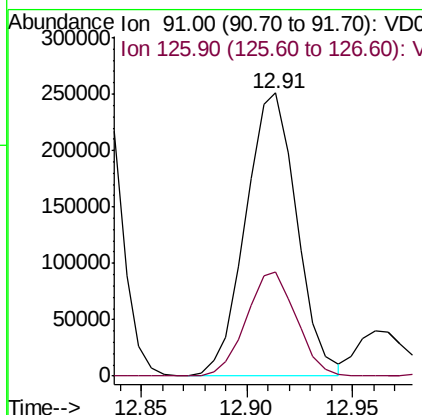
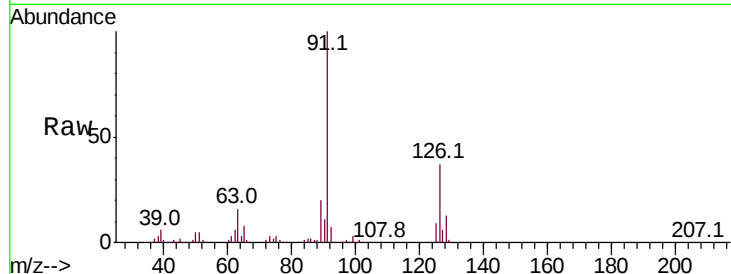




#79
2-Chlorotoluene
Concen: 53.430 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VD067698.D
Acq: 19 Nov 2020 10:19

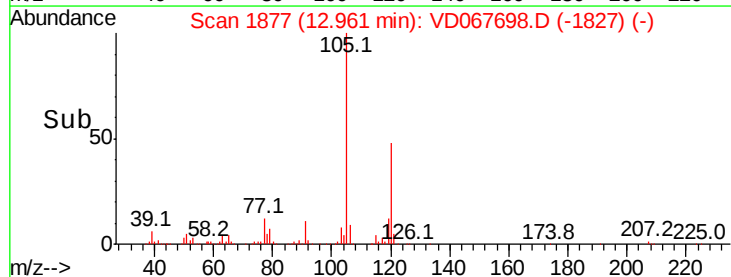
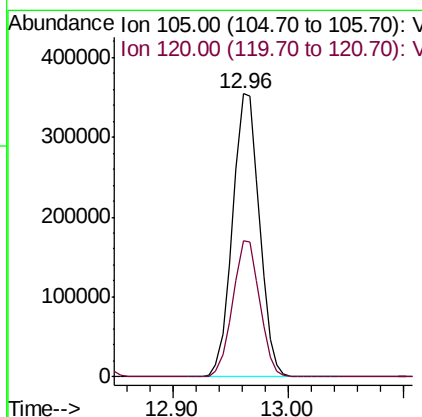
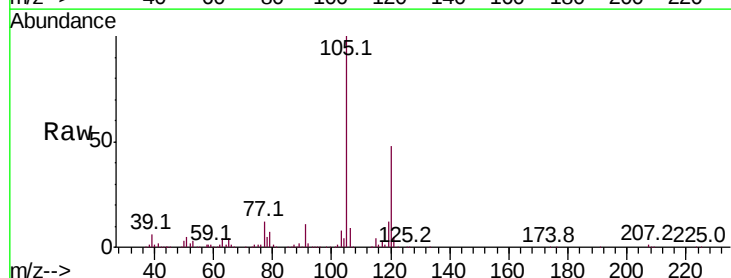
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

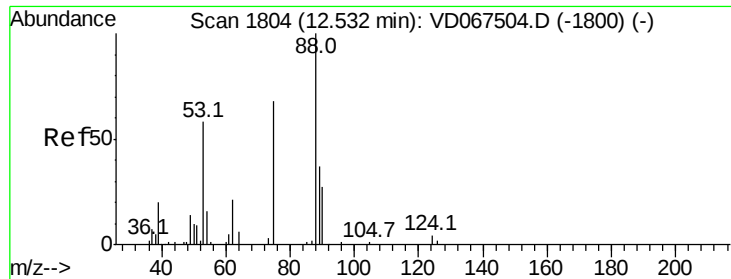
Tot Ion: 91 Resp: 421687
Ion Ratio Lower Upper
91 100
126 36.2 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 55.125 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.01 min
Lab File: VD067698.D
Acq: 19 Nov 2020 10:19

Tgt Ion: 105 Resp: 571996
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 49.716 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

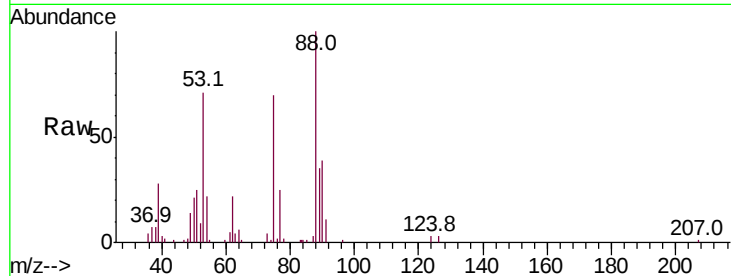
Tot Ion: 75 Resp: 27764

Ion Ratio Lower Upper

75 100

53 96.8 75.9 113.9

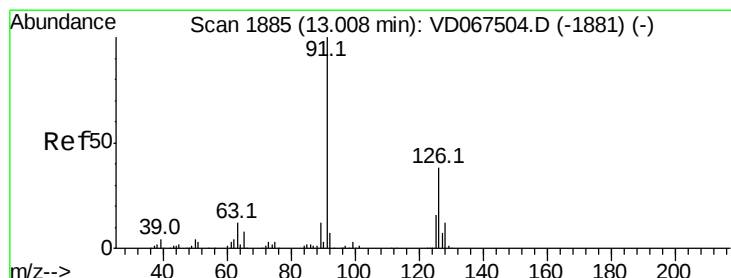
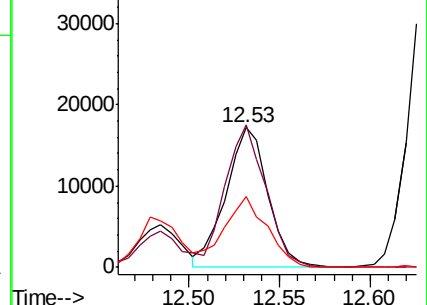
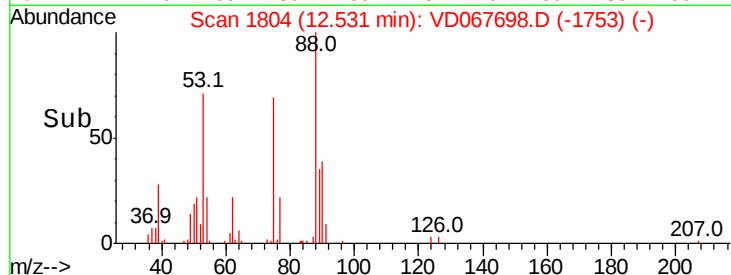
89 52.1 44.6 67.0



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: 53.326 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD067698.D

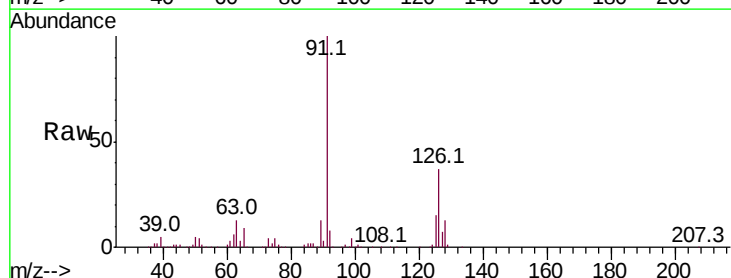
Acq: 19 Nov 2020 10:19

Tgt Ion: 91 Resp: 451384

Ion Ratio Lower Upper

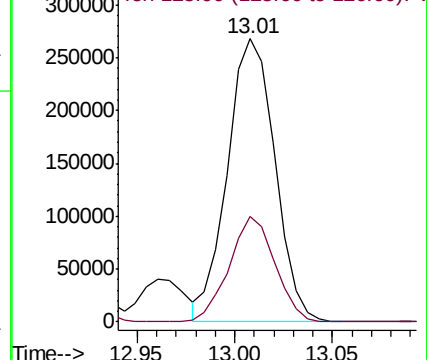
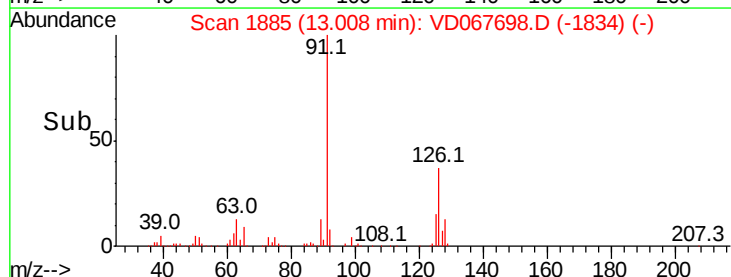
91 100

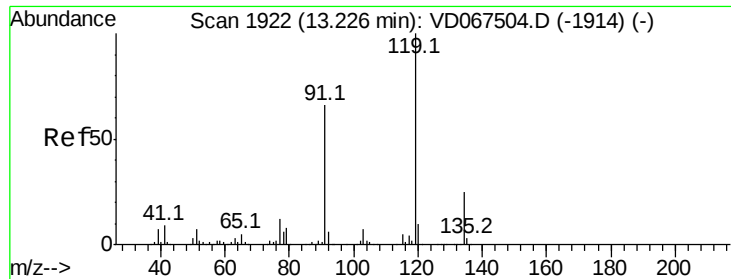
126 36.0 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

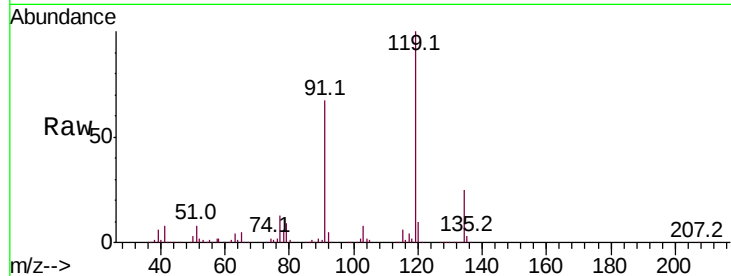




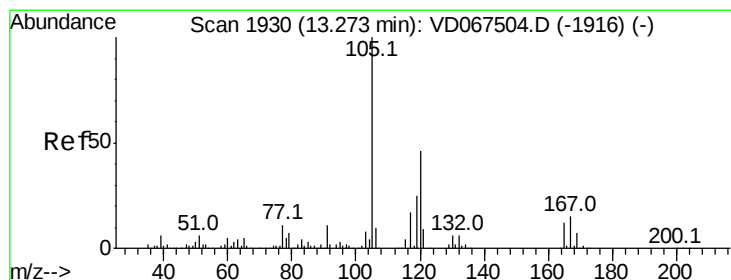
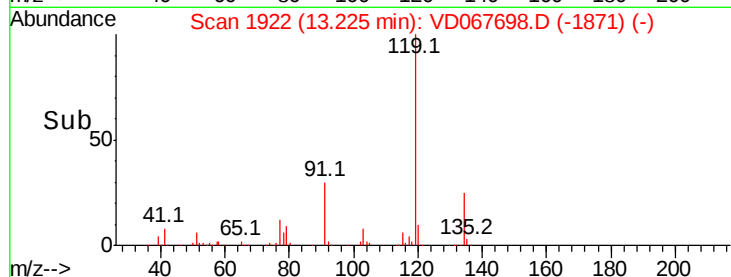
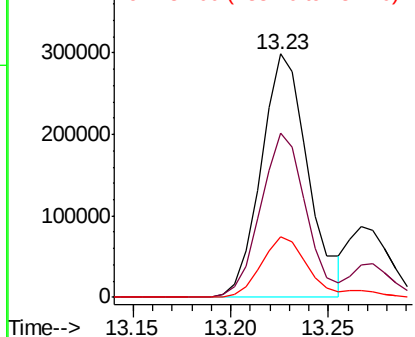
#83
tert-Butylbenzene
Concen: 56.603 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD067698.D
Acq: 19 Nov 2020 10:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:119 Resp: 497773
Ion Ratio Lower Upper
119 100
91 65.0 32.7 98.1
134 26.4 13.4 40.2

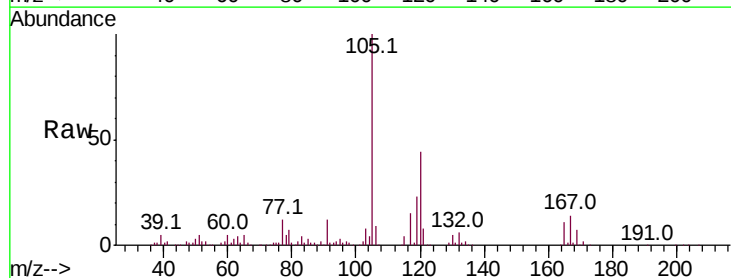


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

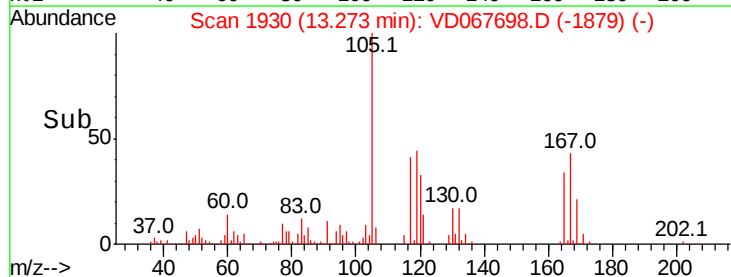
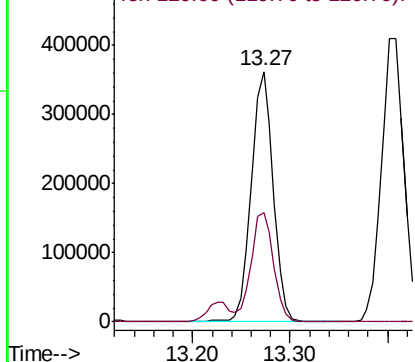


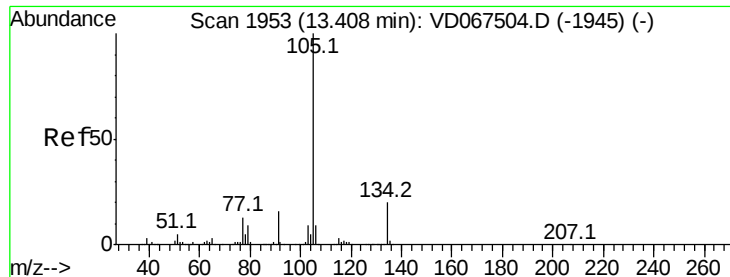
#84
1,2,4-Trimethylbenzene
Concen: 55.652 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD067698.D
Acq: 19 Nov 2020 10:19

Tgt Ion:105 Resp: 574820
Ion Ratio Lower Upper
105 100
120 44.5 22.1 66.1



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





#85

sec-Butylbenzene

Concen: 55.376 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

Instrument :

MSVOA_D

ClientSampleId :

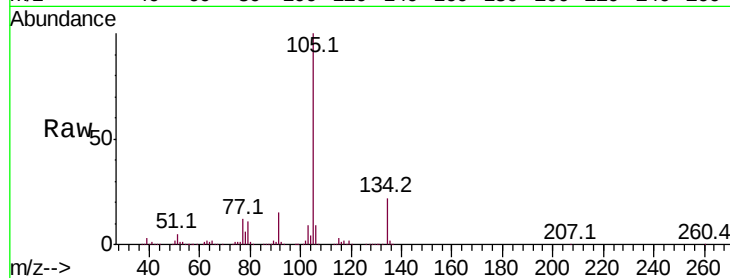
VSTDCCC050

Tot Ion:105 Resp: 657398

Ion Ratio Lower Upper

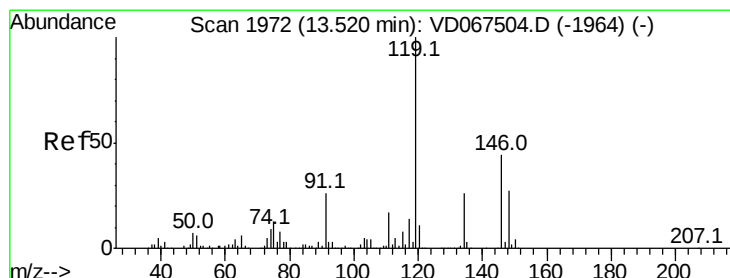
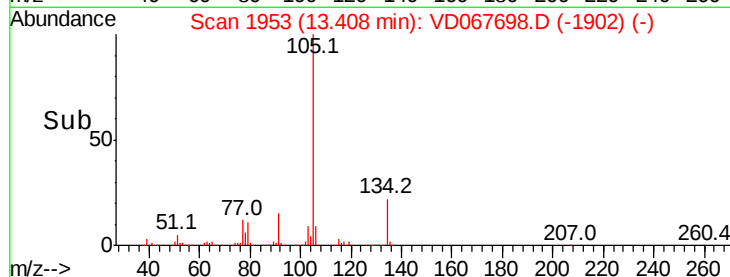
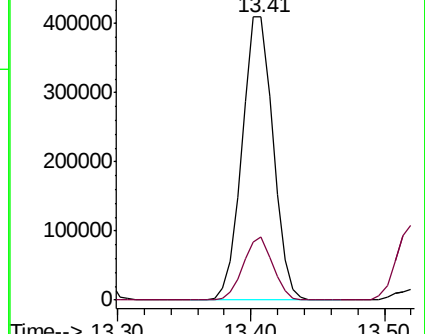
105 100

134 21.3 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.177 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

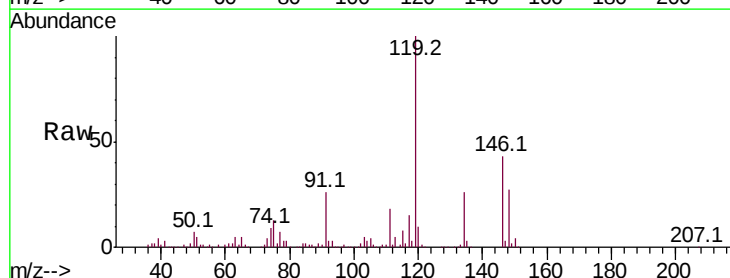
Tgt Ion:119 Resp: 632553

Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

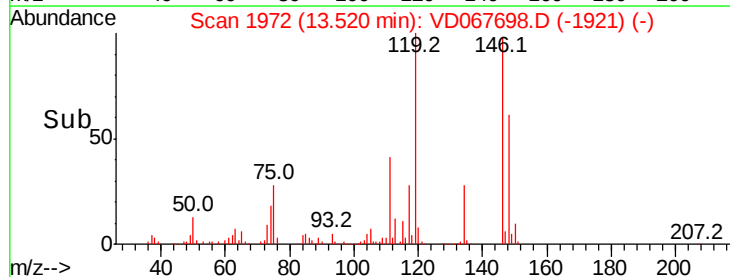
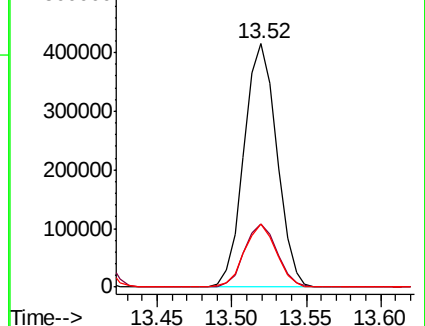
91 25.2 12.2 36.4

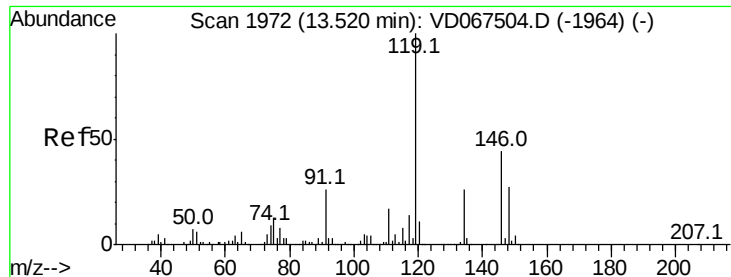


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 53.016 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

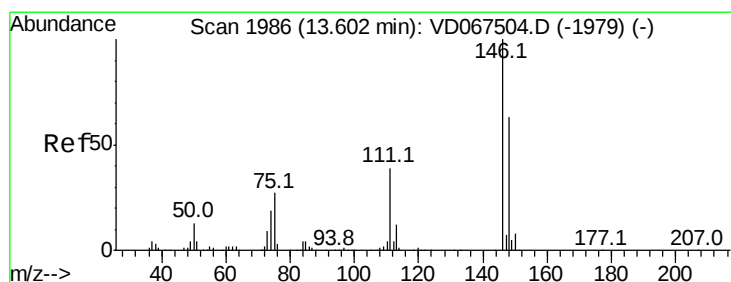
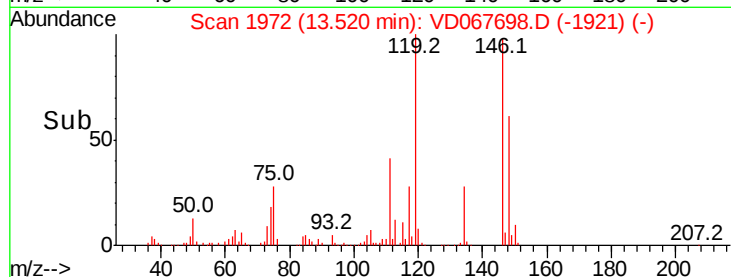
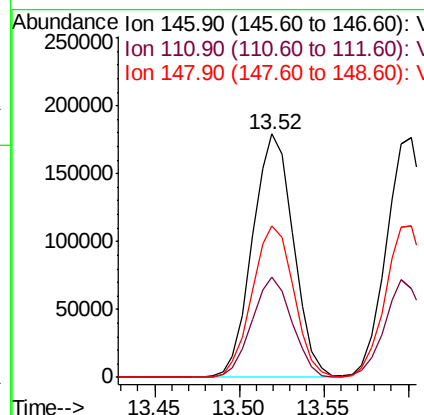
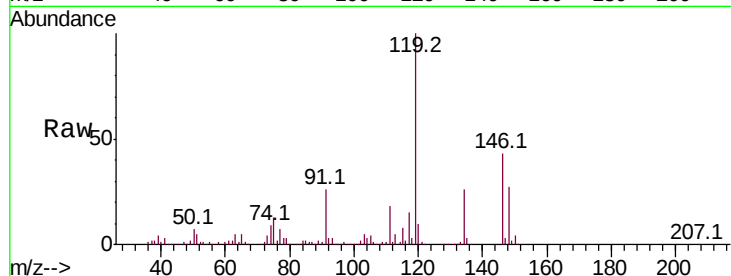
Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 301778

Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.3	60.8
148	63.2	31.9	95.9



#88

1,4-Dichlorobenzene

Concen: 51.666 ug/l

RT: 13.60 min Scan# 1986

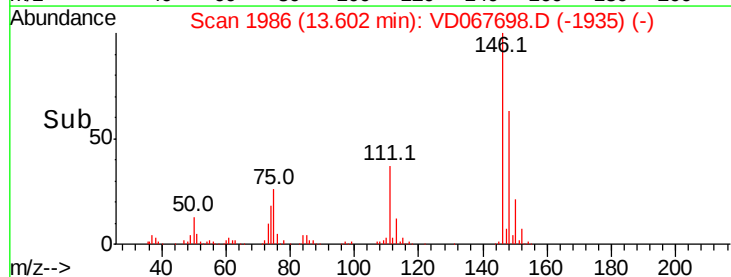
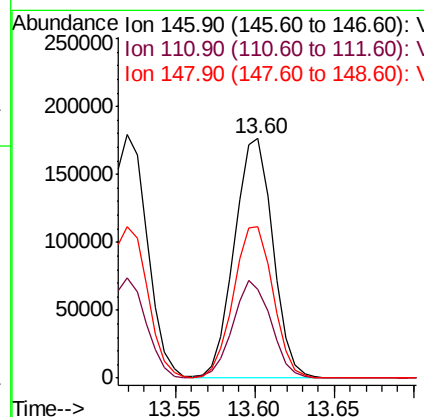
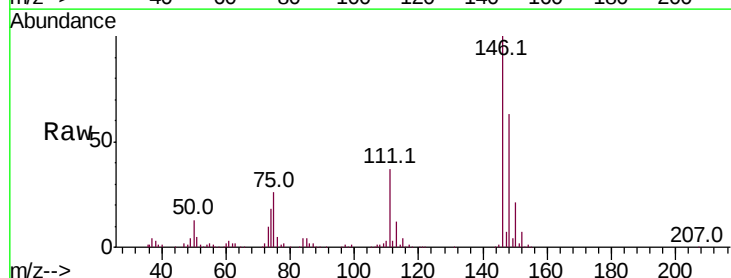
Delta R.T. -0.00 min

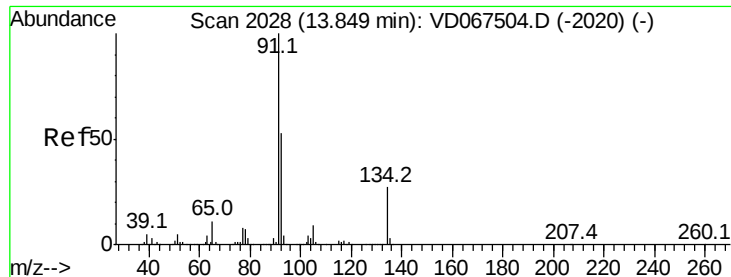
Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

Tgt Ion:146 Resp: 297792

Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.6	58.7
148	64.6	31.8	95.4

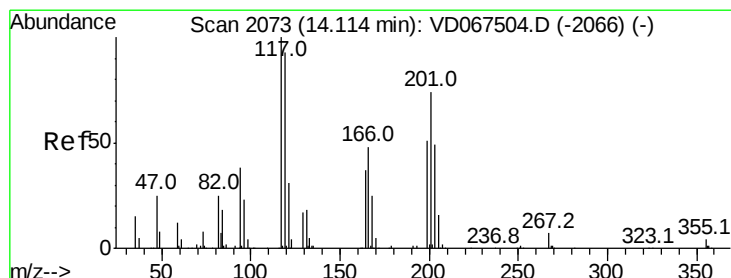
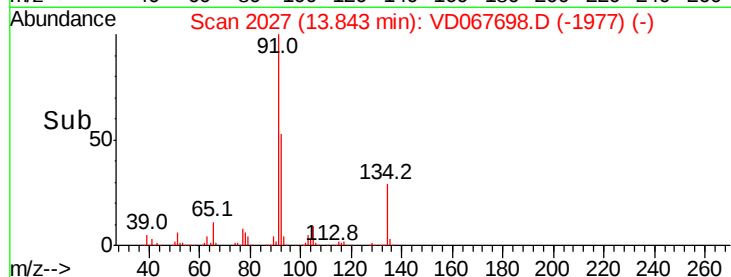
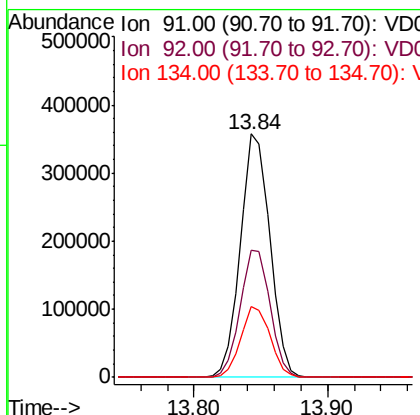
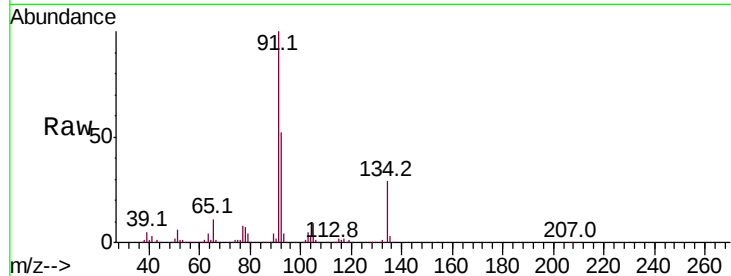




#89
n-Butylbenzene
Concen: 55.220 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD067698.D
Acq: 19 Nov 2020 10:19

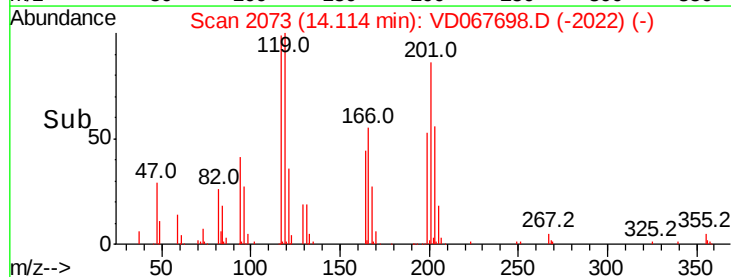
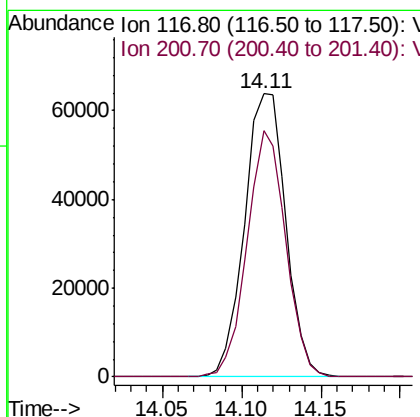
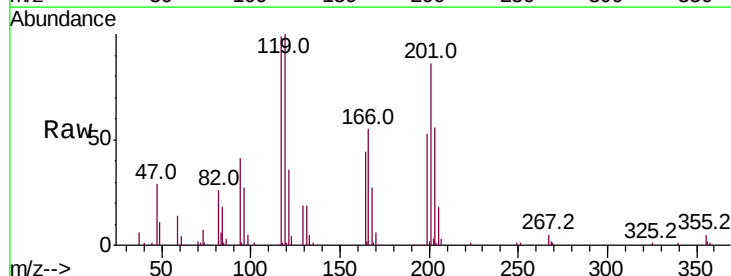
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

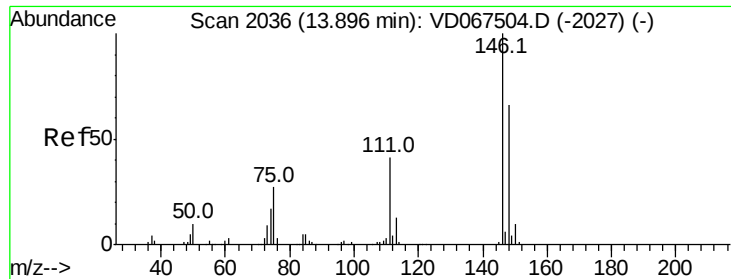
Tot Ion: 91 Resp: 546804
Ion Ratio Lower Upper
91 100
92 52.9 26.6 79.8
134 28.9 14.1 42.2



#90
Hexachloroethane
Concen: 53.581 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD067698.D
Acq: 19 Nov 2020 10:19

Tgt Ion: 117 Resp: 115674
Ion Ratio Lower Upper
117 100
201 81.2 40.7 122.1





#91

1,2-Dichlorobenzene

Concen: 51.921 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.01 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

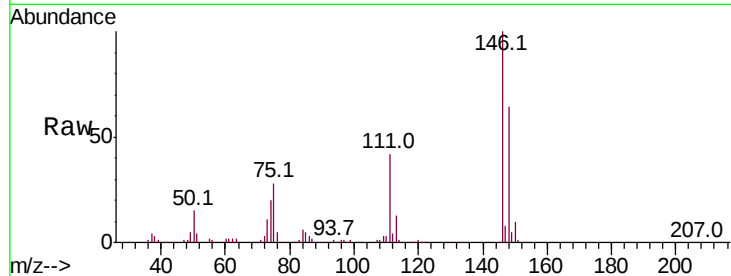
Tot Ion:146 Resp: 255782

Ion Ratio Lower Upper

146 100

111 42.5 20.7 62.1

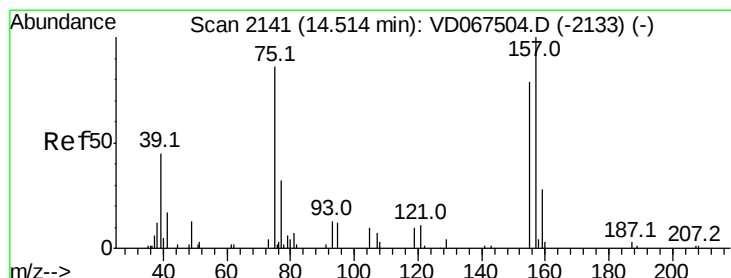
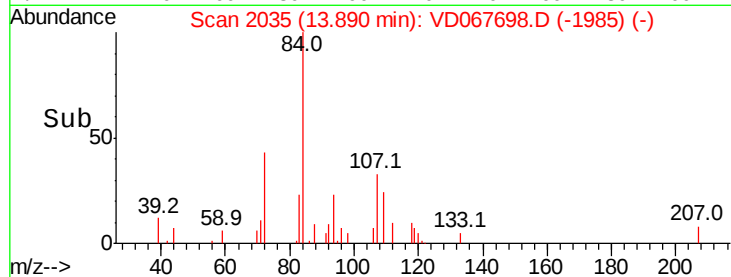
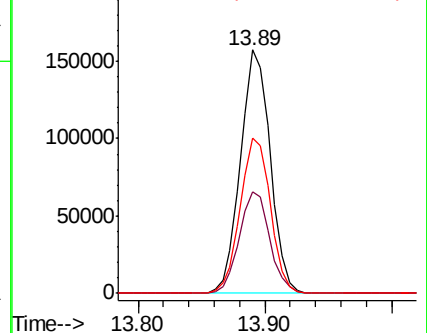
148 64.6 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.051 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.01 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

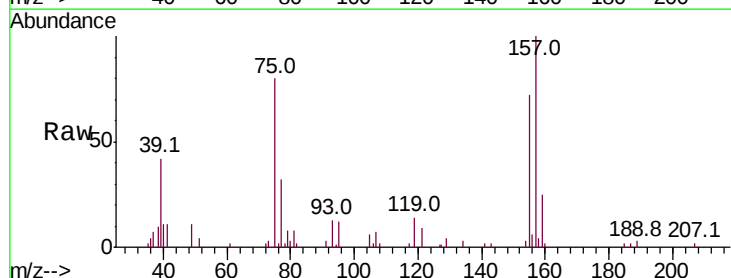
Tgt Ion: 75 Resp: 15558

Ion Ratio Lower Upper

75 100

155 91.3 46.6 139.8

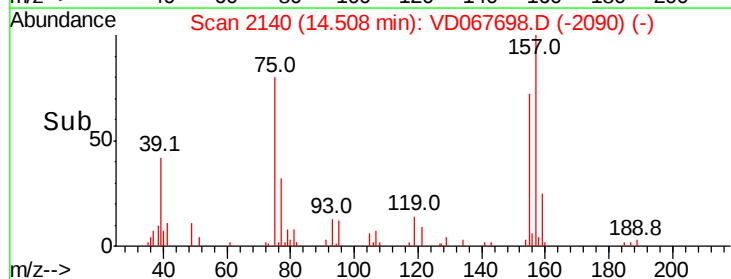
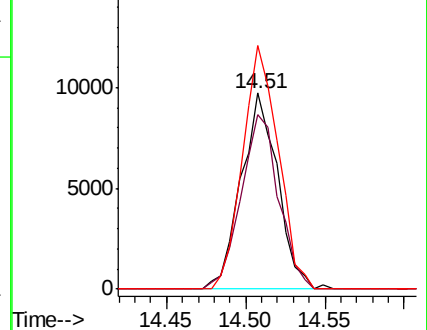
157 121.6 58.1 174.2

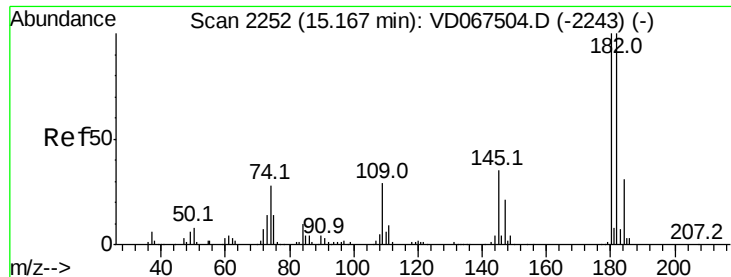


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

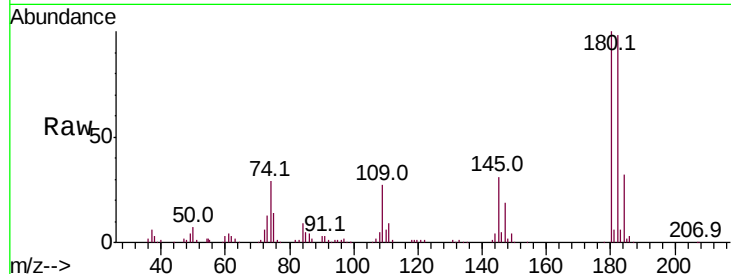




#93
 1,2,4-Trichlorobenzene
 Concen: 56.003 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD067698.D
 Acq: 19 Nov 2020 10:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.4	142.3
145	32.7	16.2	48.6

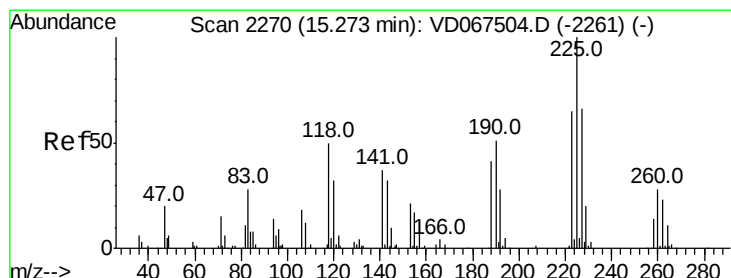
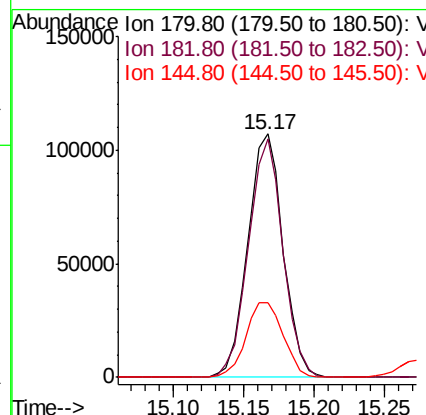
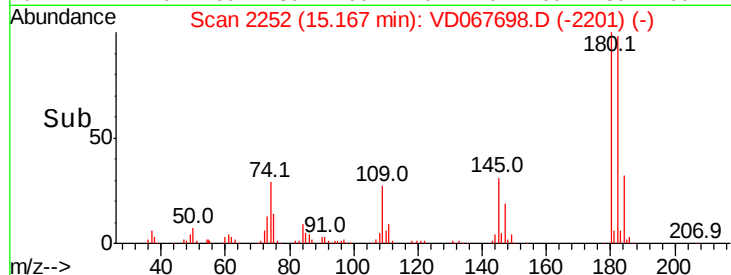


Abundance

Ion 179.80 (179.50 to 180.50): V

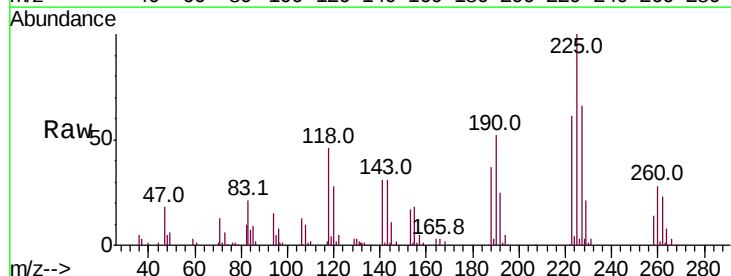
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 54.617 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD067698.D
 Acq: 19 Nov 2020 10:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.9	95.5
227	61.6	32.5	97.4

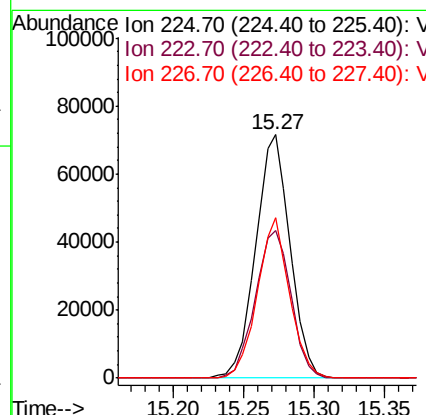
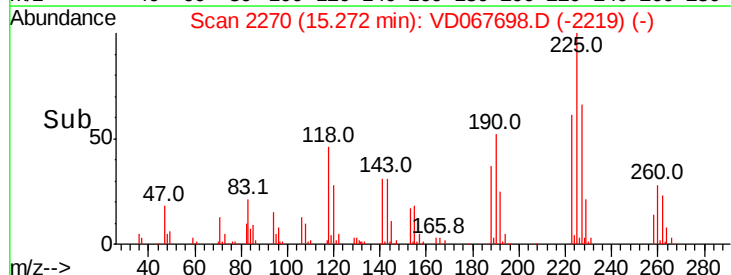


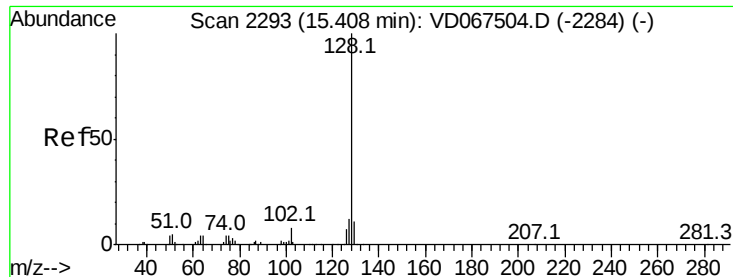
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 56.854 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

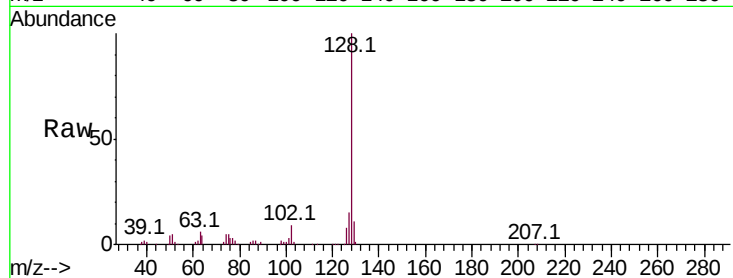
Tot Ion:128 Resp: 293368

Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.4

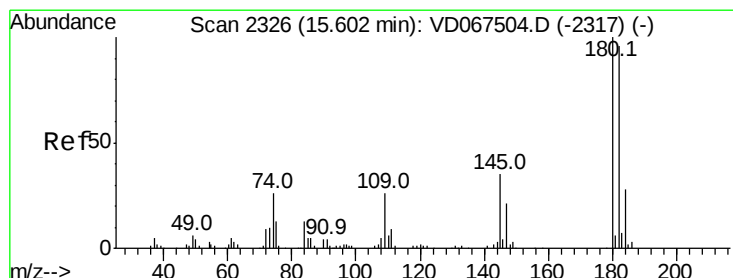
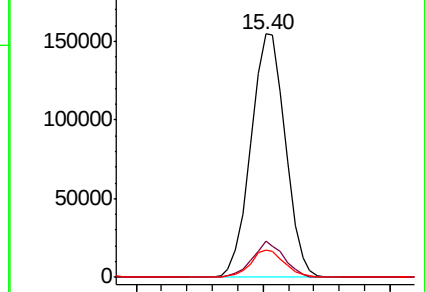
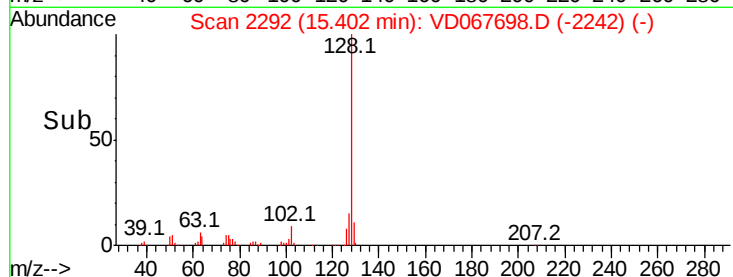
129 11.1 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.144 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. -0.01 min

Lab File: VD067698.D

Acq: 19 Nov 2020 10:19

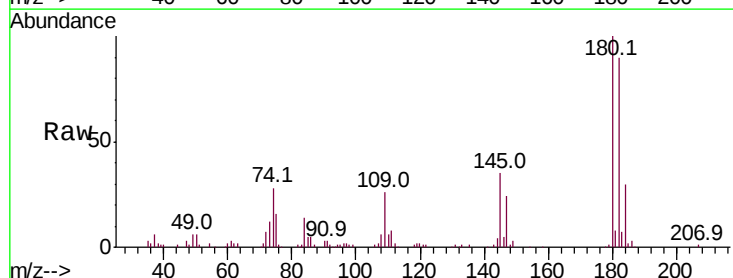
Tgt Ion:180 Resp: 155029

Ion Ratio Lower Upper

180 100

182 96.9 46.9 140.8

145 34.5 17.1 51.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

