

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091820\
 Data File : VD066757.D
 Acq On : 18 Sep 2020 11:06
 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: Sep 19 03:12:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	436368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	672473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	610853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	286067	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	222930	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	
35) Dibromofluoromethane	7.91	113	225926	54.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.60%	
50) Toluene-d8	10.34	98	829581	56.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.96%	
62) 4-Bromofluorobenzene	12.63	95	275572	54.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	155094	47.785	ug/l	100
3) Chloromethane	2.21	50	194001	40.855	ug/l	97
4) Vinyl Chloride	2.35	62	207520	41.757	ug/l	96
5) Bromomethane	2.77	94	143348	40.661	ug/l	87
6) Chloroethane	2.93	64	128167	41.398	ug/l	96
7) Trichlorofluoromethane	3.27	101	395554	46.081	ug/l	99
8) Diethyl Ether	3.71	74	105156	48.922	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.10	101	225414	47.783	ug/l	99
10) Methyl Iodide	4.30	142	215586	48.166	ug/l	99
11) Tert butyl alcohol	5.23	59	64149	197.914	ug/l #	90
12) 1,1-Dichloroethene	4.07	96	207390	47.498	ug/l	98
13) Acrolein	3.92	56	79805	243.039	ug/l	95
14) Allyl chloride	4.71	41	329580	47.001	ug/l	97
15) Acrylonitrile	5.43	53	226705	240.762	ug/l	97
16) Acetone	4.15	43	267998	282.669	ug/l	98
17) Carbon Disulfide	4.41	76	662824	48.310	ug/l	96
18) Methyl Acetate	4.71	43	100048	49.396	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	467678	48.088	ug/l	97
20) Methylene Chloride	4.96	84	243964	47.502	ug/l	90
21) trans-1,2-Dichloroethene	5.47	96	246234	48.404	ug/l	99
22) Diisopropyl ether	6.36	45	672153	47.175	ug/l	99
23) Vinyl Acetate	6.31	43	1958311	247.090	ug/l	96
24) 1,1-Dichloroethane	6.26	63	425797	47.094	ug/l	97
25) 2-Butanone	7.21	43	306518	248.281	ug/l	96
26) 2,2-Dichloropropane	7.21	77	392833	46.985	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	267872	48.133	ug/l	99
28) Bromochloromethane	7.55	49	153881	45.566	ug/l	95
29) Tetrahydrofuran	7.56	42	187065	247.655	ug/l	99
30) Chloroform	7.71	83	447959	46.552	ug/l	98
31) Cyclohexane	7.98	56	379897	46.193	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	423640	48.111	ug/l	99
36) 1,1-Dichloropropene	8.11	75	355167	51.370	ug/l	99
37) Ethyl Acetate	7.29	43	132556	50.643	ug/l	98
38) Carbon Tetrachloride	8.09	117	376730	51.310	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	414037	52.354	ug/l	97
40) Benzene	8.35	78	968227	51.763	ug/l	100
41) Methacrylonitrile	7.56	41	183204	132.209	ug/l #	17
42) 1,2-Dichloroethane	8.43	62	279016	48.147	ug/l	97
43) Isopropyl Acetate	8.45	43	246181	49.969	ug/l	99
44) Trichloroethene	9.11	130	262421	52.471	ug/l	100
45) 1,2-Dichloropropane	9.38	63	235031	50.826	ug/l	97
46) Dibromomethane	9.47	93	126508	49.786	ug/l	97
47) Bromodichloromethane	9.66	83	343804	49.653	ug/l	96
48) Methyl methacrylate	9.46	41	133514	53.279	ug/l	97
49) 1,4-Dioxane	9.46	88	29448	1081.871	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	647929	255.453	ug/l	98
52) Toluene	10.40	92	632183	52.758	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	314688	50.875	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	380311	51.765	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	171251	51.115	ug/l	94
56) Ethyl methacrylate	10.66	69	201889	53.102	ug/l	97
57) 1,3-Dichloropropane	10.94	76	299226	50.893	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	444232	266.044	ug/l	98
59) 2-Hexanone	10.98	43	476523	279.610	ug/l	97
60) Dibromochloromethane	11.14	129	226364	51.854	ug/l	97
61) 1,2-Dibromoethane	11.24	107	163250	50.797	ug/l	100
64) Tetrachloroethene	10.87	164	209421	50.222	ug/l	98
65) Chlorobenzene	11.67	112	642955	50.838	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	237448	50.885	ug/l	99
67) Ethyl Benzene	11.74	91	1204800	52.593	ug/l	100
68) m/p-Xylenes	11.85	106	917588	105.980	ug/l	97
69) o-Xylene	12.18	106	408086	53.336	ug/l	96
70) Styrene	12.20	104	714925	53.089	ug/l	99
71) Bromoform	12.36	173	120840	51.600	ug/l #	100
73) Isopropylbenzene	12.48	105	1130637	52.943	ug/l	100
74) N-amyl acetate	12.29	43	228166	50.649	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	180061	49.619	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	245860	100.408	ug/l #	100
77) Bromobenzene	12.76	156	246803	50.142	ug/l	96
78) n-propylbenzene	12.82	91	1364190	52.403	ug/l	98
79) 2-Chlorotoluene	12.91	91	755779	51.343	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	950735	52.653	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	58442	51.510	ug/l	99
82) 4-Chlorotoluene	13.01	91	790415	50.783	ug/l	100
83) tert-Butylbenzene	13.23	119	775462	52.106	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	950684	52.683	ug/l	99
85) sec-Butylbenzene	13.40	105	1123152	52.641	ug/l	99
86) p-Isopropyltoluene	13.52	119	1035410	53.380	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	486458	51.514	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	471488	50.140	ug/l	99
89) n-Butylbenzene	13.85	91	976103	52.922	ug/l	98
90) Hexachloroethane	14.11	117	202713	50.873	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	409814	50.648	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	29919	51.004	ug/l	96

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Quant Title : SW846 8260
QLast Update : Tue Sep 15 16:35:37 2020
Response via : Initial Calibration

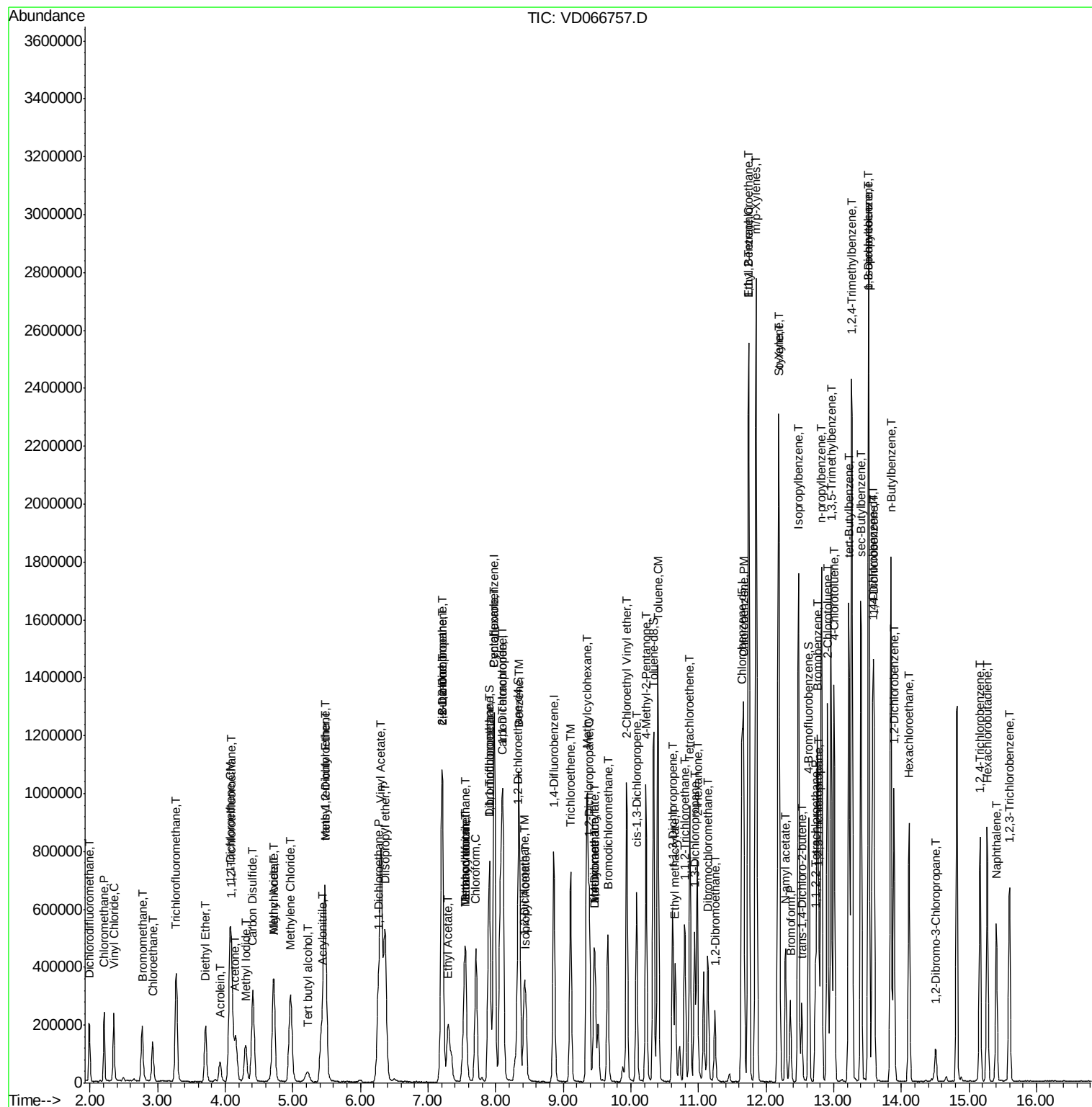
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	259482	53.022	ug/l	99
94) Hexachlorobutadiene	15.27	225	153684	52.123	ug/l	98
95) Naphthalene	15.41	128	460450	53.850	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	220451	51.572	ug/l	98

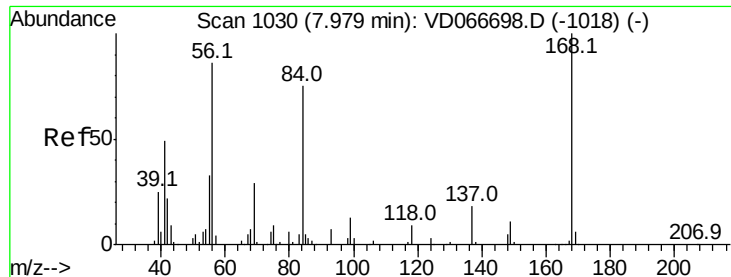
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

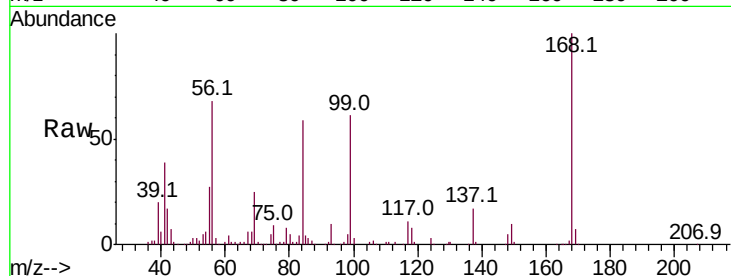
VSTDCCC050

Tot Ion:168 Resp: 436368

Ion Ratio Lower Upper

168 100

99 61.2 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

200000

150000

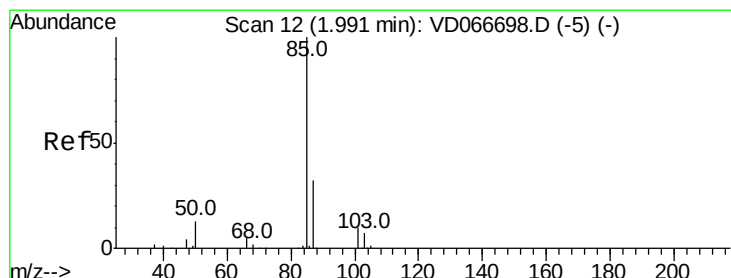
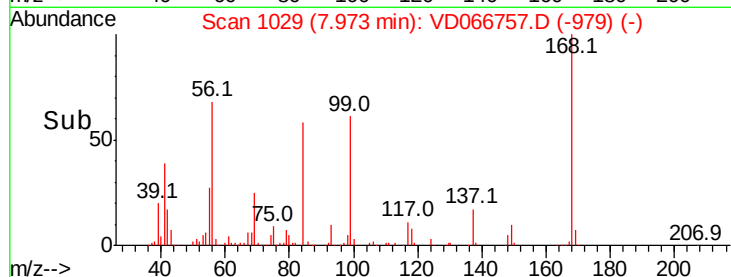
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 47.785 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD066757.D

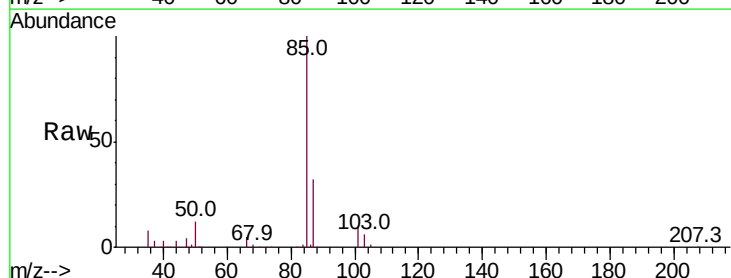
Acq: 18 Sep 2020 11:06

Tgt Ion: 85 Resp: 155094

Ion Ratio Lower Upper

85 100

87 31.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

120000

100000

80000

60000

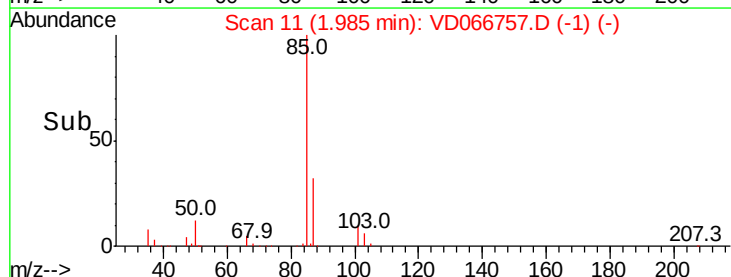
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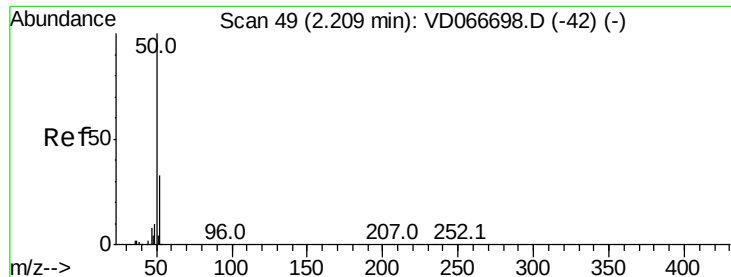
20000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 40.855 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

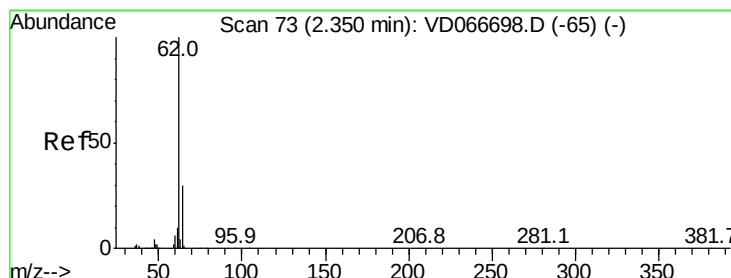
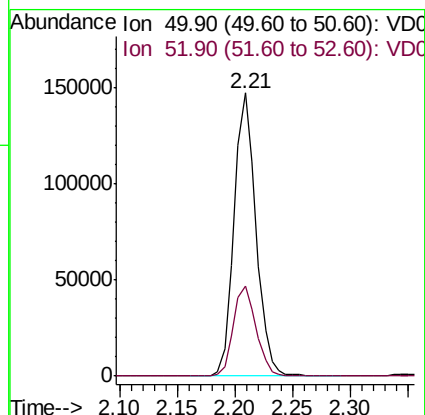
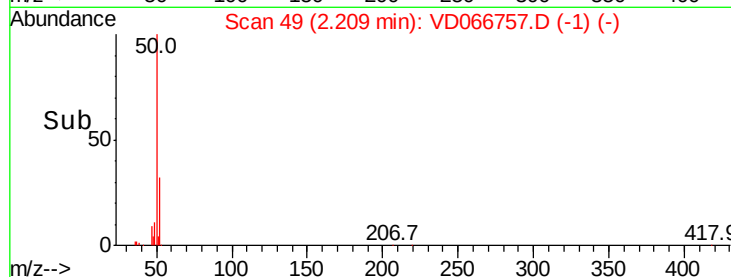
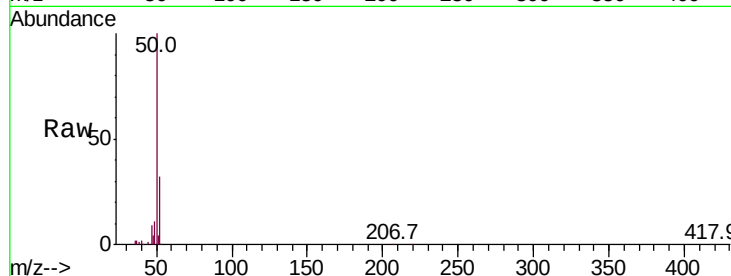
VSTDCCC050

Tot Ion: 50 Resp: 194001

Ion Ratio Lower Upper

50 100

52 31.8 26.8 40.2



#4

Vinyl Chloride

Concen: 41.757 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066757.D

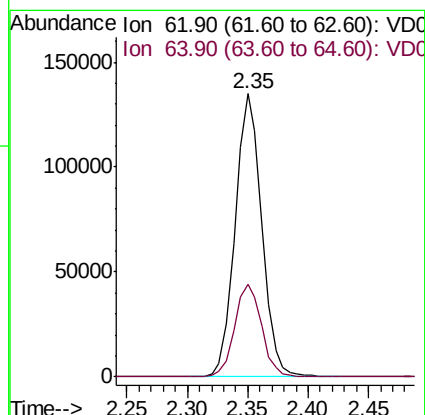
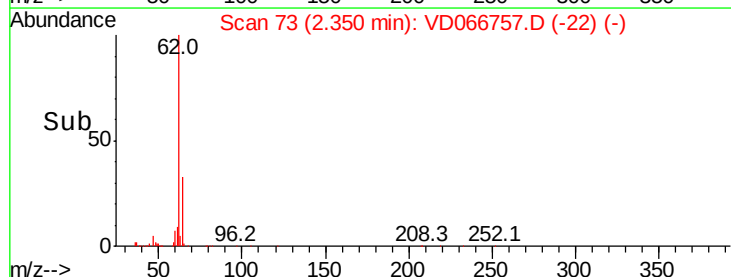
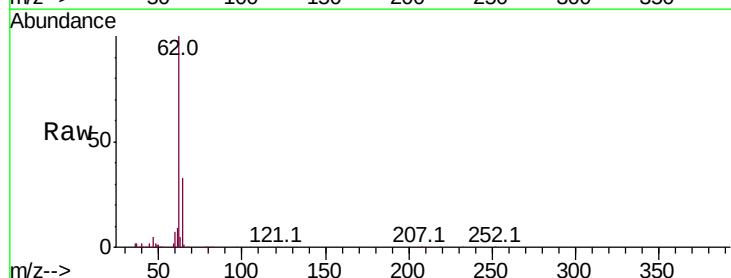
Acq: 18 Sep 2020 11:06

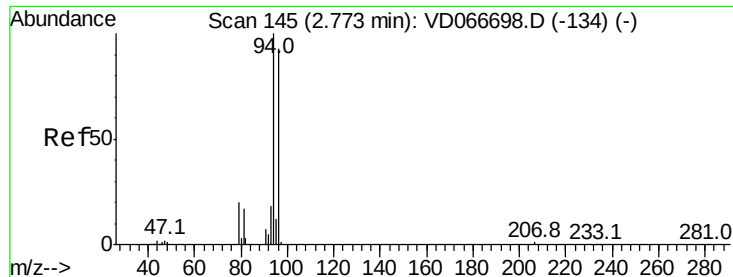
Tgt Ion: 62 Resp: 207520

Ion Ratio Lower Upper

62 100

64 32.9 24.4 36.6





#5

Bromomethane

Concen: 40.661 ug/l

RT: 2.77 min Scan# 145

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

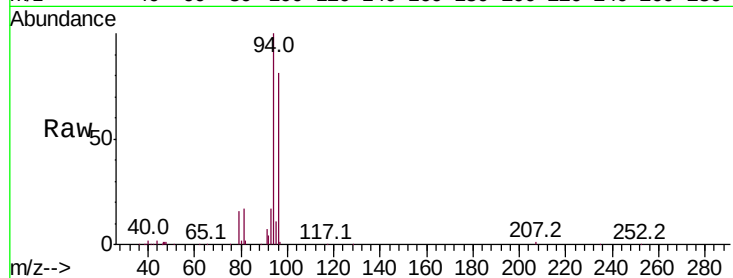
VSTDCCC050

Tot Ion: 94 Resp: 143348

Ion Ratio Lower Upper

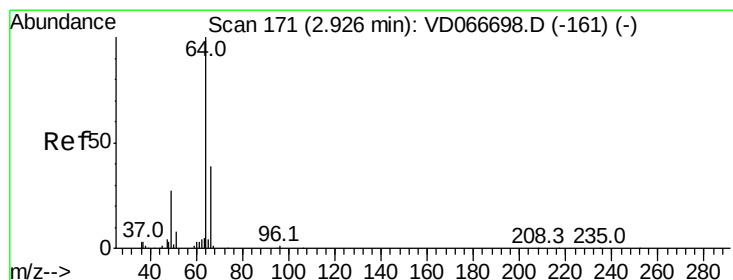
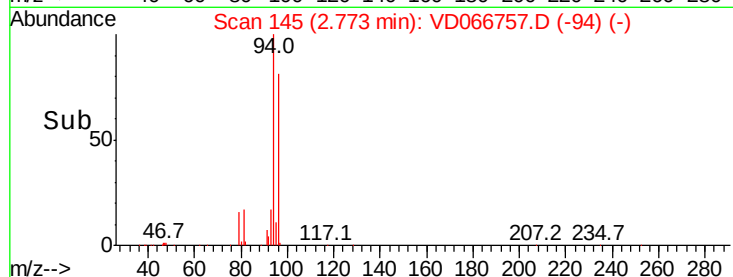
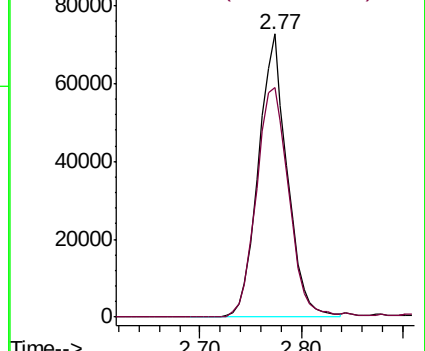
94 100

96 81.0 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 41.398 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD066757.D

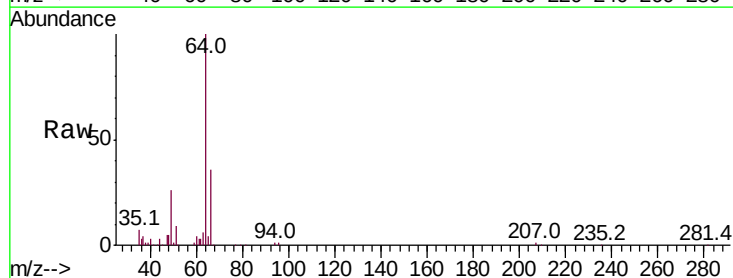
Acq: 18 Sep 2020 11:06

Tgt Ion: 64 Resp: 128167

Ion Ratio Lower Upper

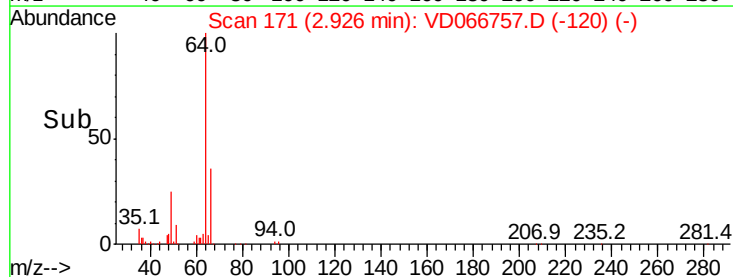
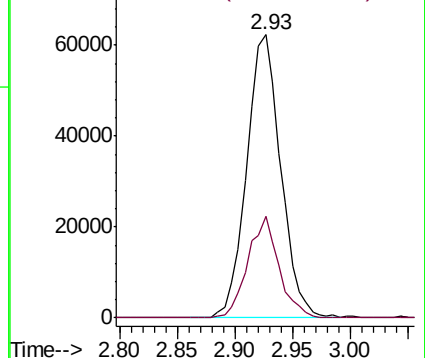
64 100

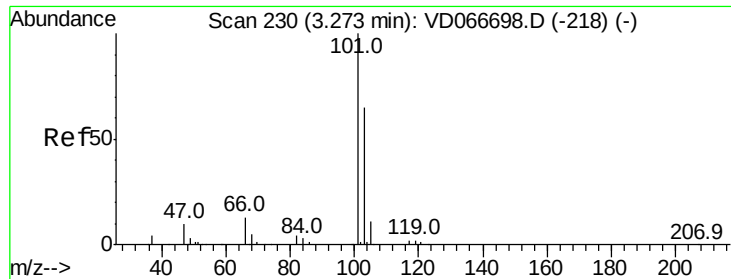
66 36.1 30.9 46.3



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



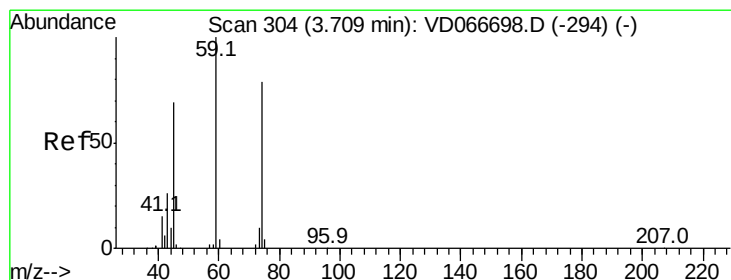
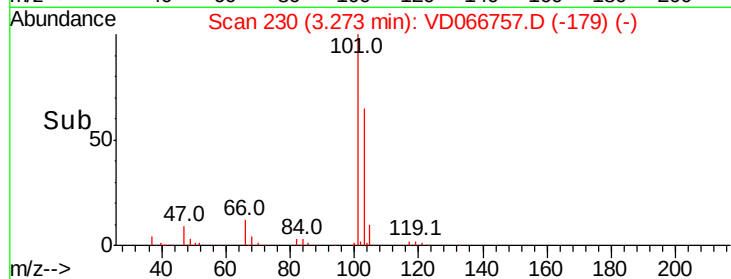
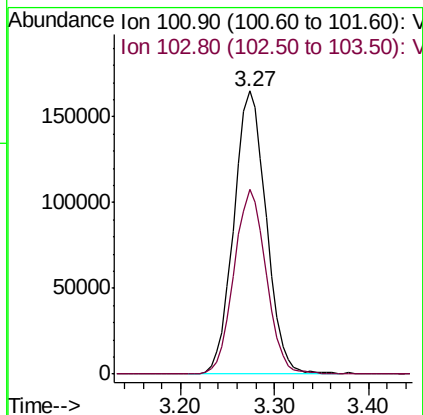
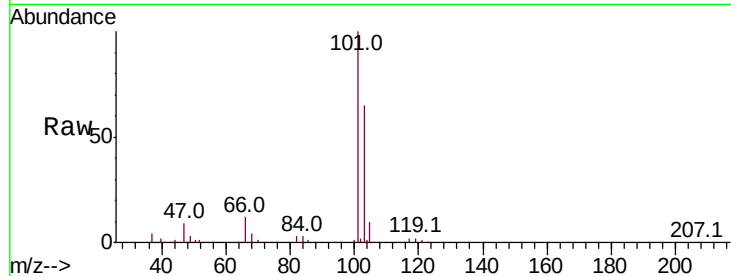


#7

Trichlorofluoromethane
 Concen: 46.081 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066757.D
 Acq: 18 Sep 2020 11:06

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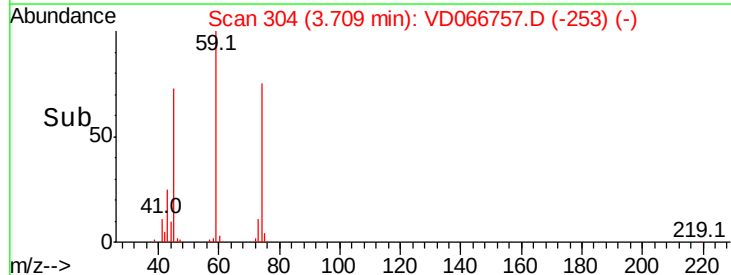
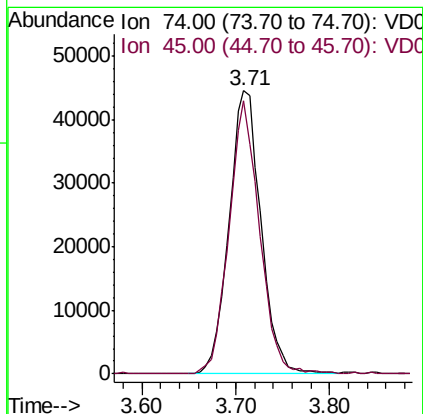
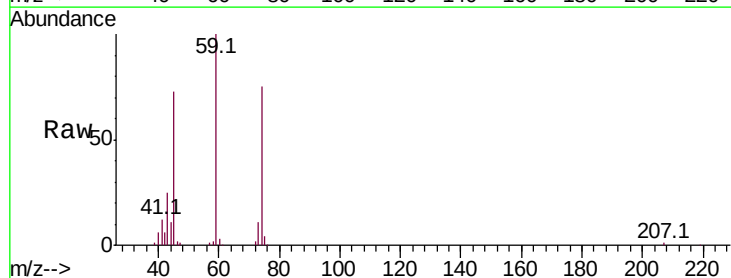
Tot Ion:101 Resp: 395554
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.8 77.8

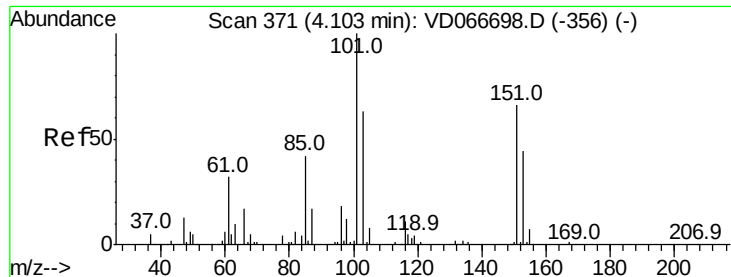


#8

Diethyl Ether
 Concen: 48.922 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066757.D
 Acq: 18 Sep 2020 11:06

Tgt Ion: 74 Resp: 105156
 Ion Ratio Lower Upper
 74 100
 45 92.0 48.0 144.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.783 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

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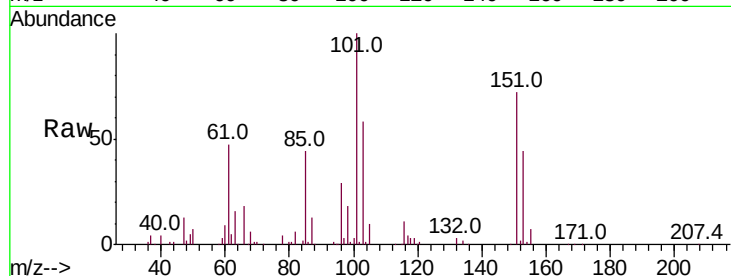
Tot Ion:101 Resp: 225414

Ion Ratio Lower Upper

101 100

85 43.9 36.3 54.5

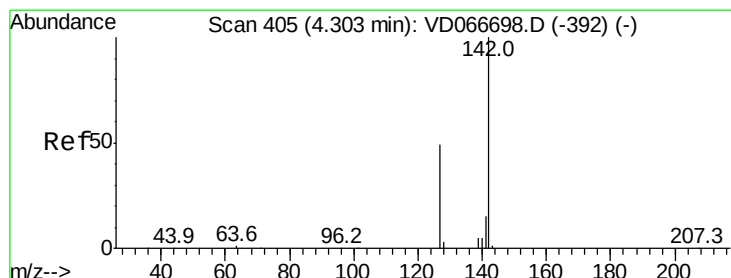
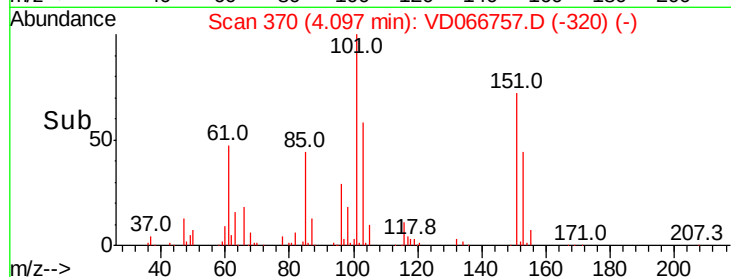
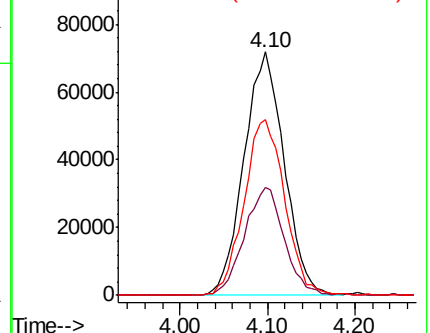
151 72.8 58.0 87.0



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: 48.166 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

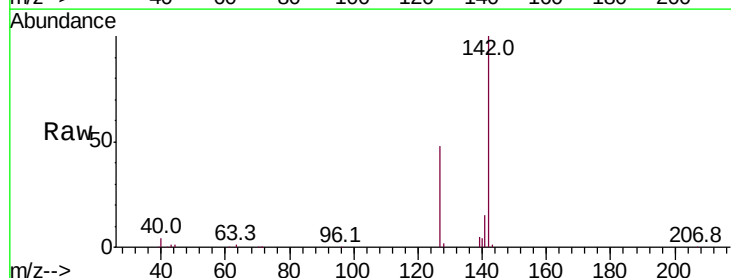
Tgt Ion:142 Resp: 215586

Ion Ratio Lower Upper

142 100

127 47.7 39.0 58.4

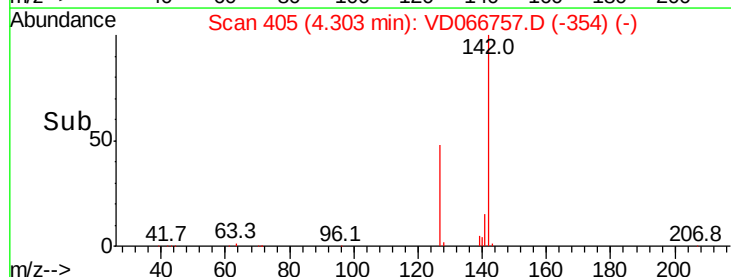
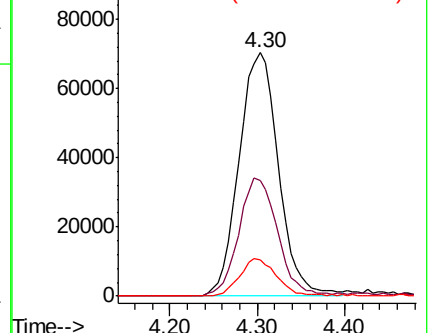
141 14.4 11.7 17.5

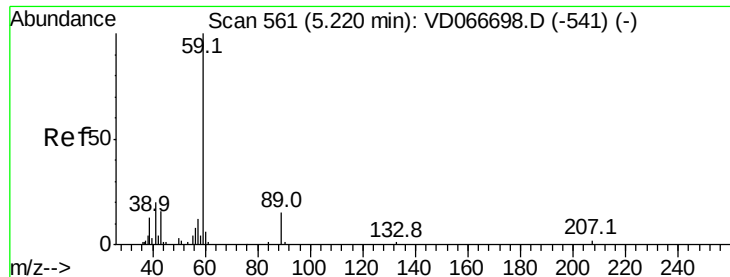


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 197.914 ug/l

RT: 5.23 min Scan# 562

Delta R.T. 0.01 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

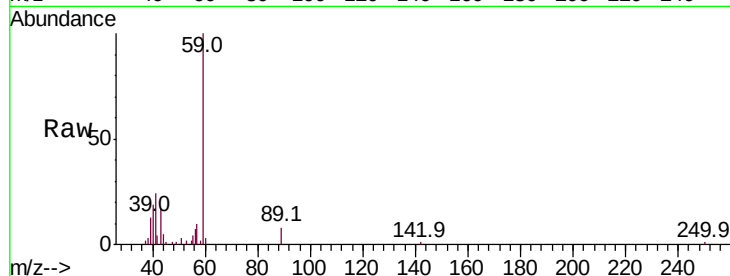
VSTDCCC050

Tot Ion: 59 Resp: 64149

Ion Ratio Lower Upper

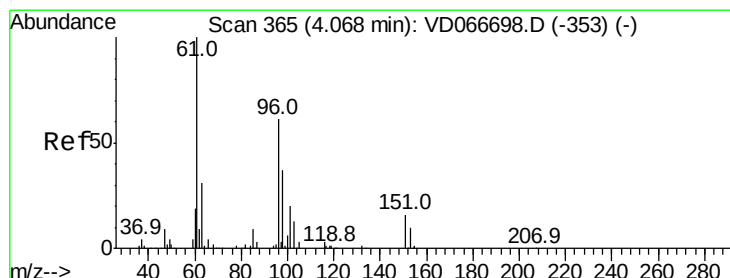
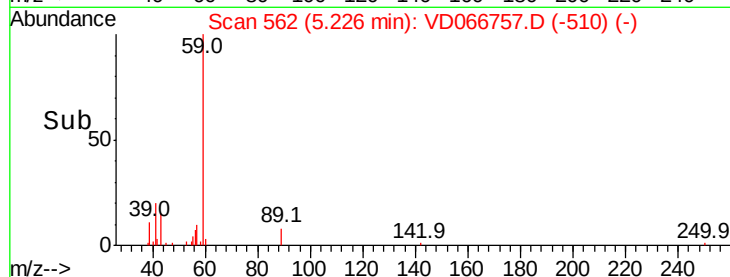
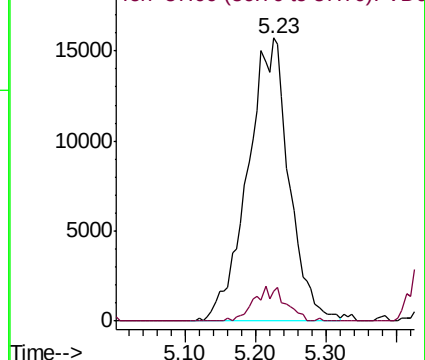
59 100

57 4.9 6.7 10.1#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 47.498 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

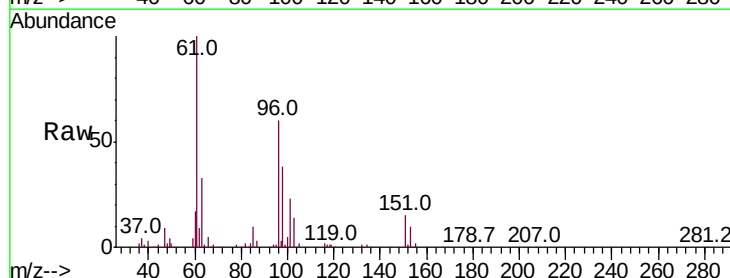
Tgt Ion: 96 Resp: 207390

Ion Ratio Lower Upper

96 100

61 167.2 131.9 197.9

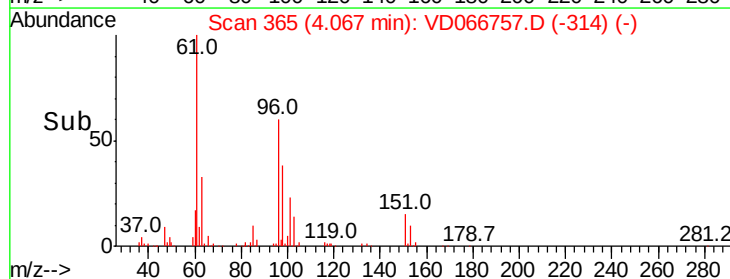
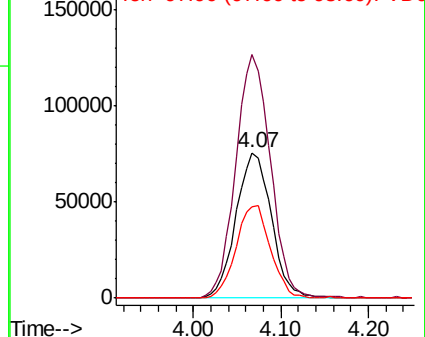
98 63.1 49.1 73.7

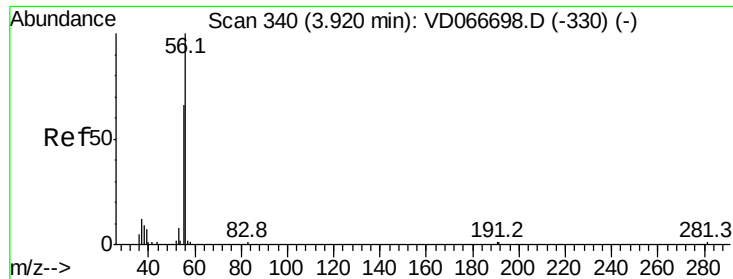


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 243.039 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

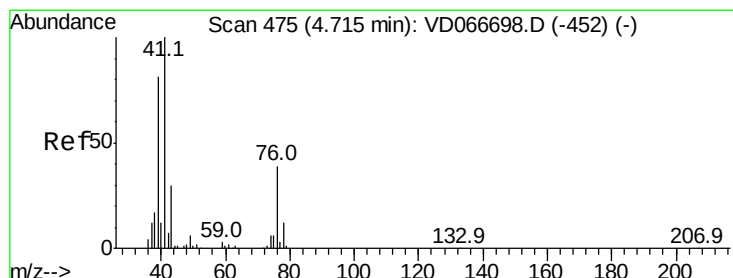
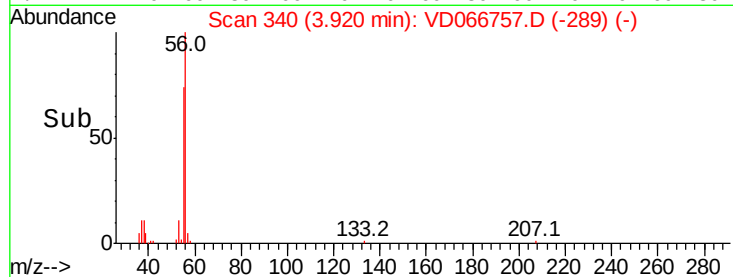
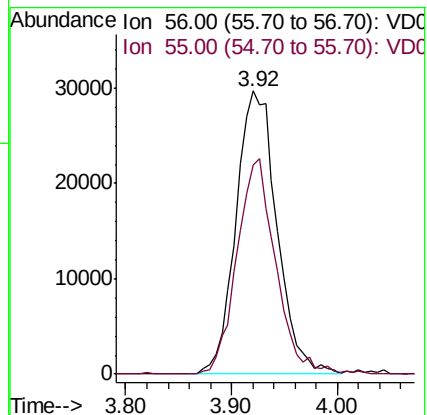
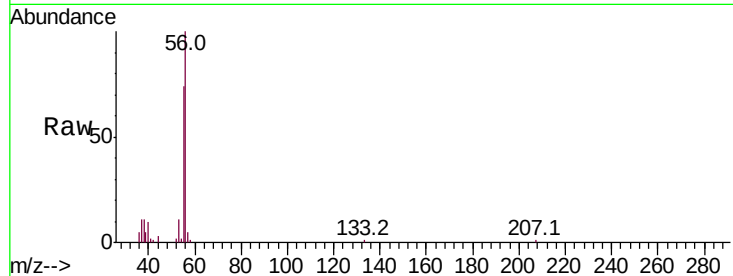
VSTDCCC050

Tot Ion: 56 Resp: 79805

Ion Ratio Lower Upper

56 100

55 72.1 54.7 82.1



#14

Allyl chloride

Concen: 47.001 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

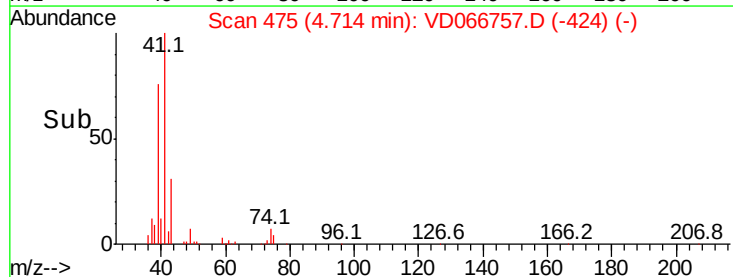
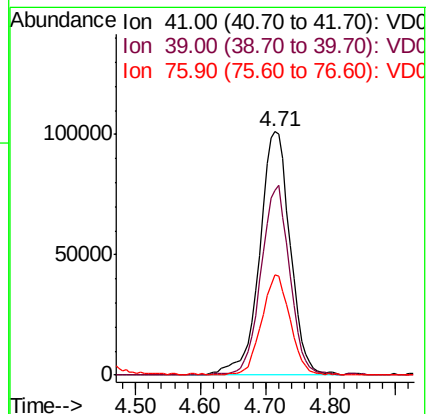
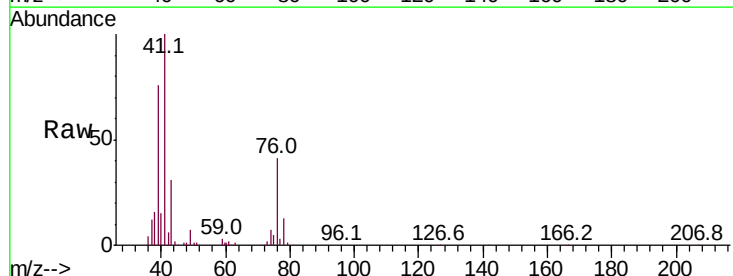
Tgt Ion: 41 Resp: 329580

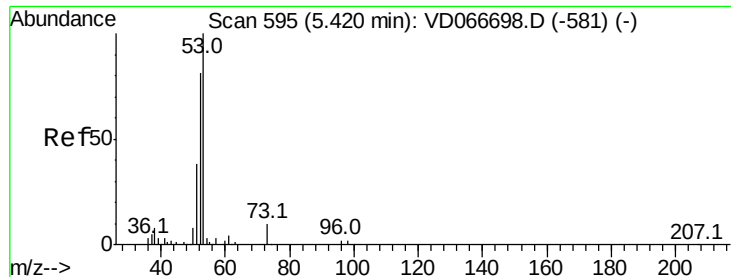
Ion Ratio Lower Upper

41 100

39 73.2 60.6 90.8

76 38.4 29.2 43.8





#15

Acrylonitrile

Concen: 240.762 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

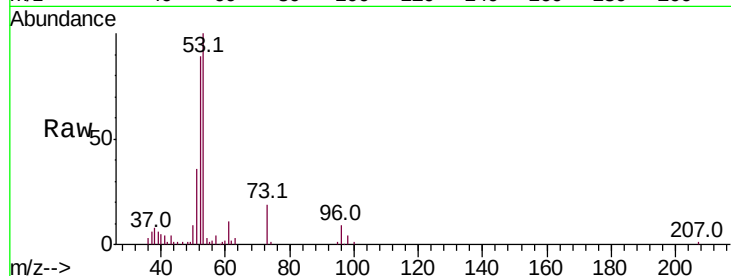
Tot Ion: 53 Resp: 226705

Ion Ratio Lower Upper

53 100

52 80.2 66.6 99.8

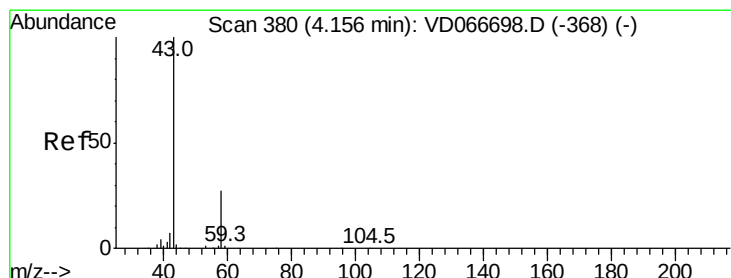
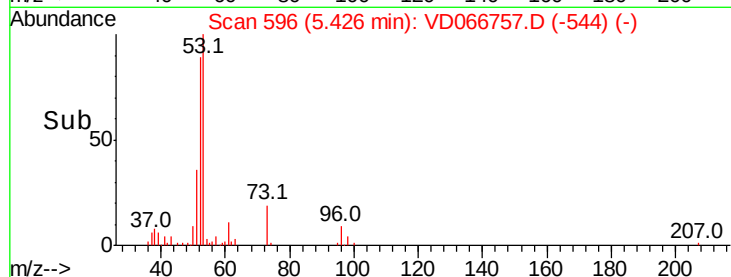
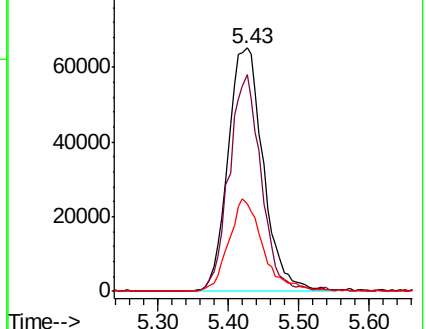
51 36.5 31.0 46.6



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: 282.669 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD066757.D

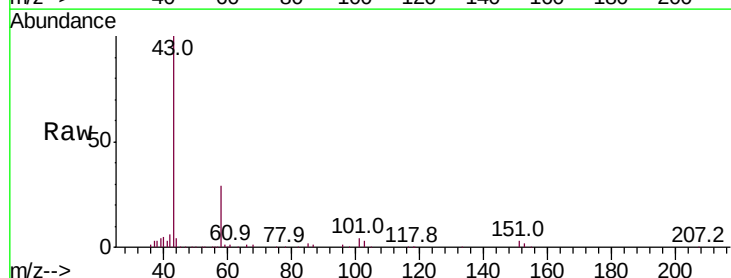
Acq: 18 Sep 2020 11:06

Tgt Ion: 43 Resp: 267998

Ion Ratio Lower Upper

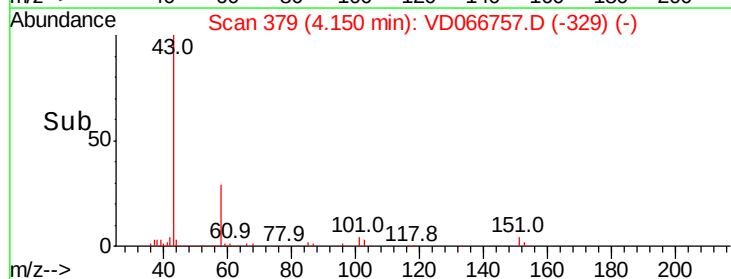
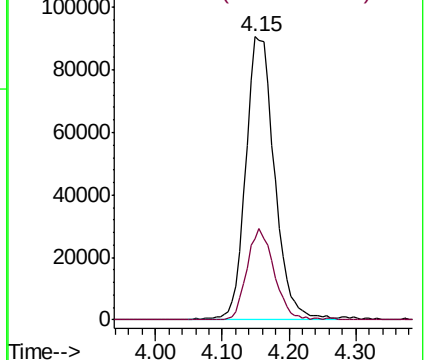
43 100

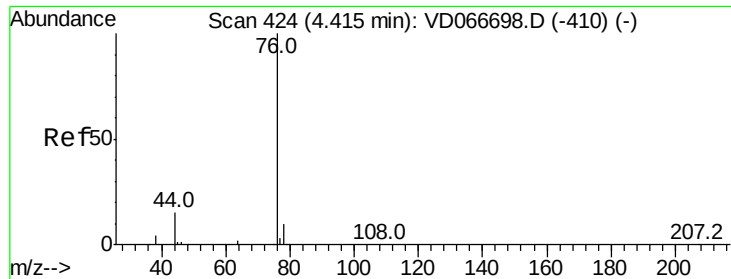
58 28.6 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 48.310 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.01 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

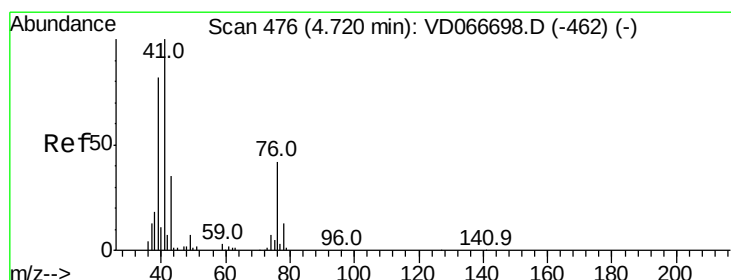
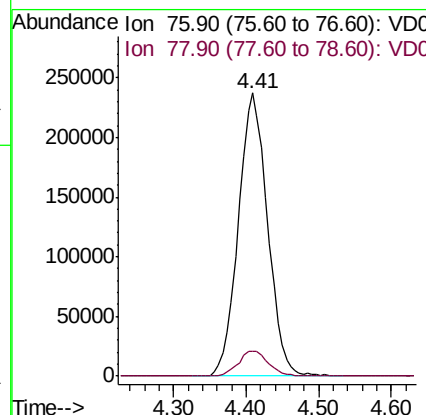
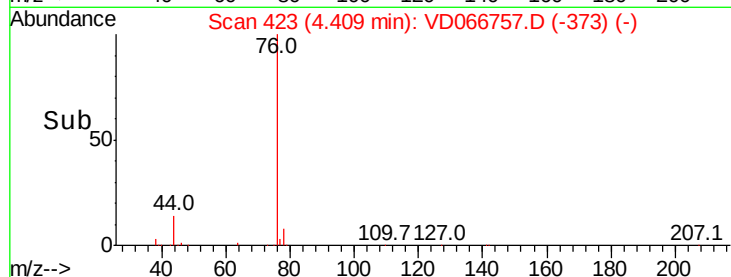
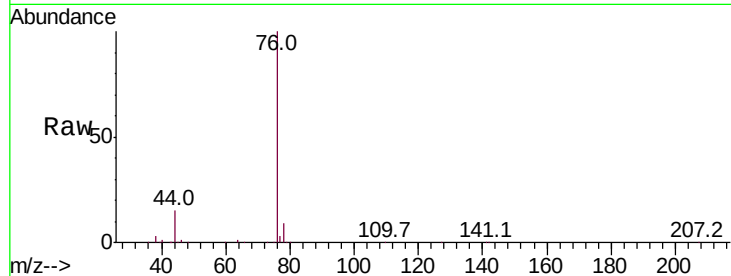
VSTDCCC050

Tot Ion: 76 Resp: 662824

Ion Ratio Lower Upper

76 100

78 8.7 8.0 12.0



#18

Methyl Acetate

Concen: 49.396 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD066757.D

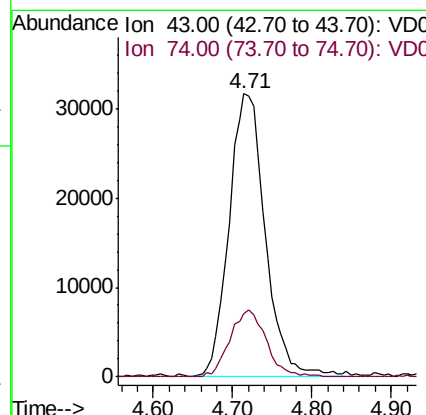
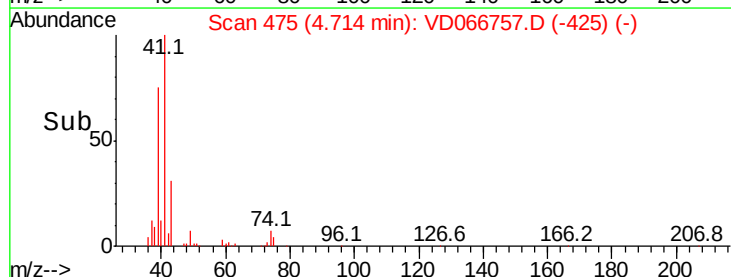
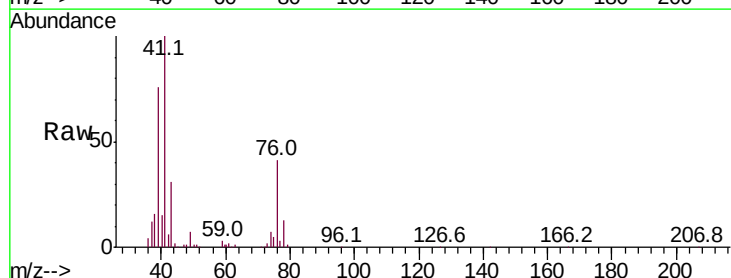
Acq: 18 Sep 2020 11:06

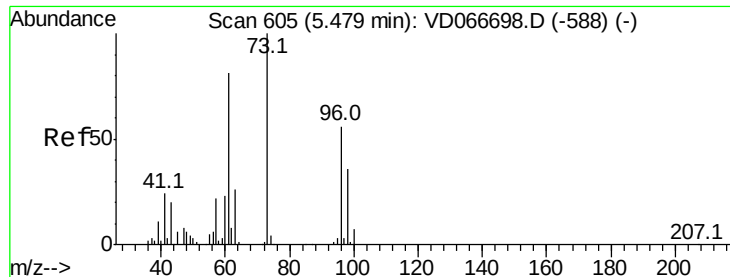
Tgt Ion: 43 Resp: 100048

Ion Ratio Lower Upper

43 100

74 23.7 18.6 28.0

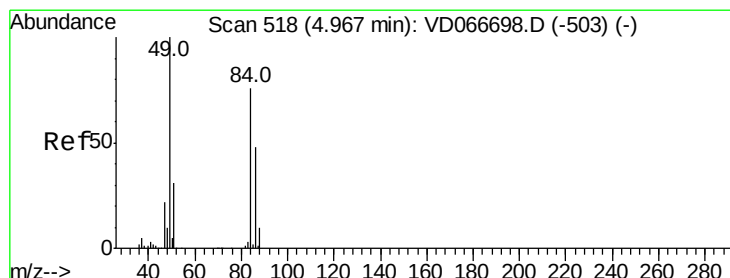
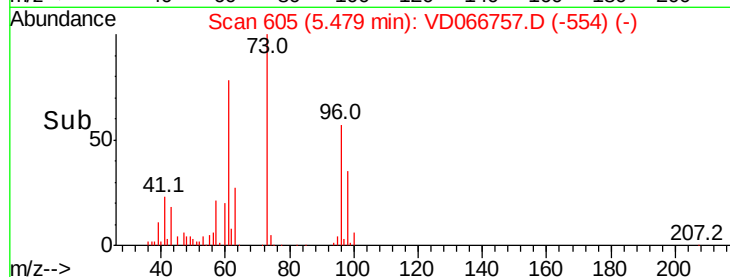
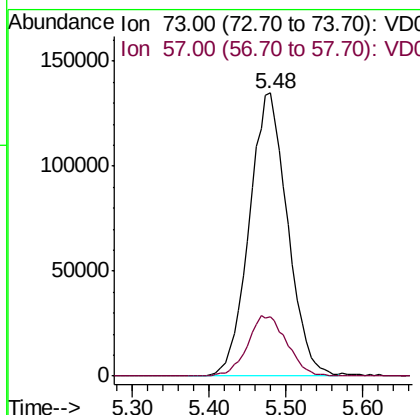
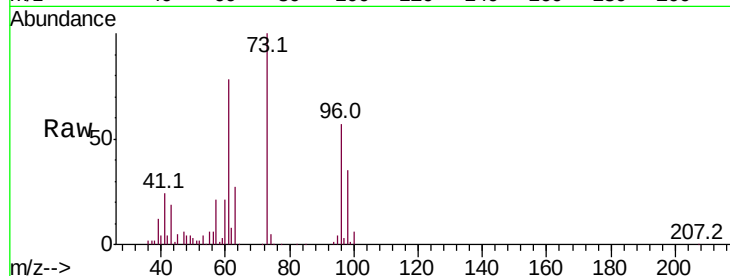




#19
Methyl tert-butyl Ether
Concen: 48.088 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

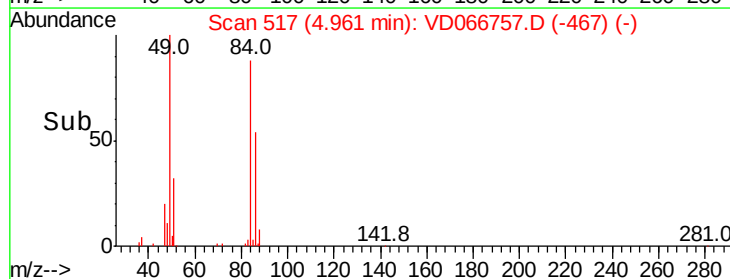
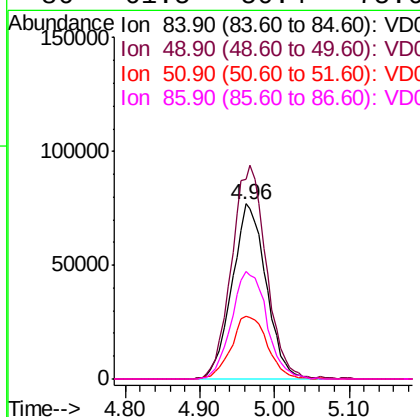
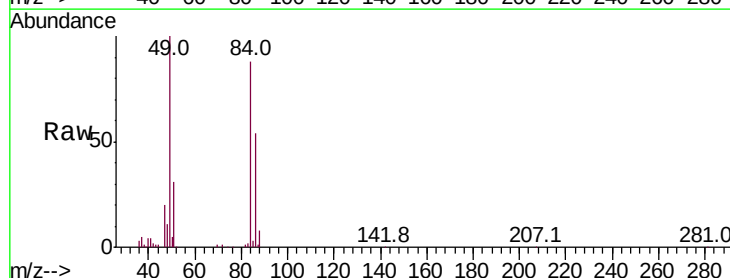
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

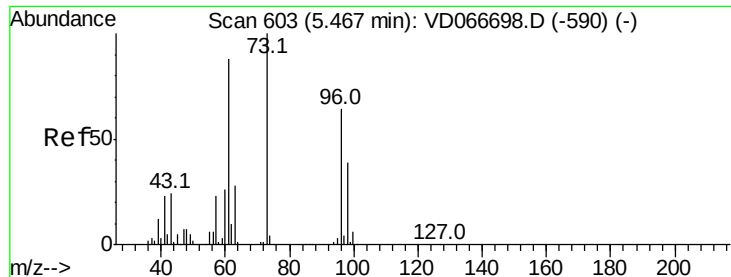
Tot Ion: 73 Resp: 467678
Ion Ratio Lower Upper
73 100
57 20.9 17.8 26.6



#20
Methylene Chloride
Concen: 47.502 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Tgt Ion: 84 Resp: 243964
Ion Ratio Lower Upper
84 100
49 114.3 105.0 157.6
51 35.8 32.2 48.4
86 61.5 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 48.404 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

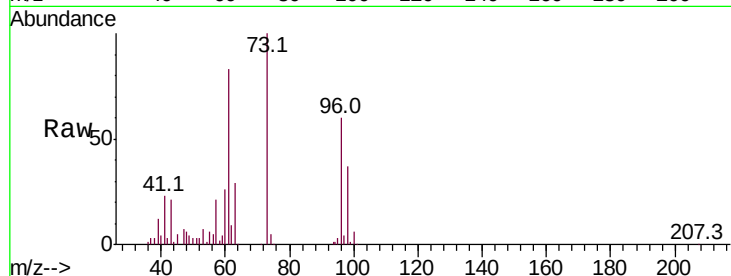
Tot Ion: 96 Resp: 246234

Ion Ratio Lower Upper

96 100

61 139.0 110.6 166.0

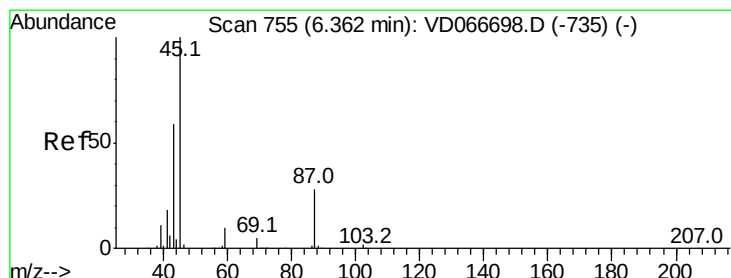
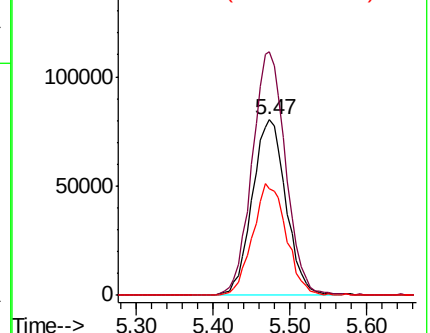
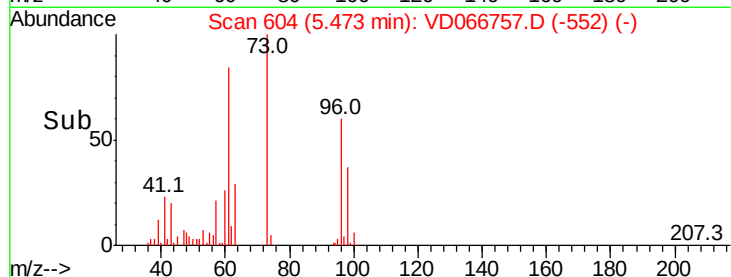
98 61.0 49.2 73.8



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: 47.175 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Tgt Ion: 45 Resp: 672153

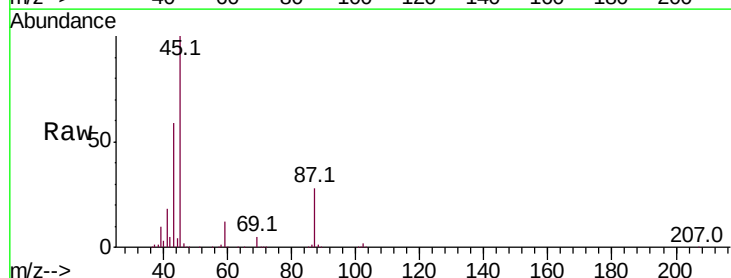
Ion Ratio Lower Upper

45 100

43 57.7 46.9 70.3

87 28.1 22.4 33.6

59 11.8 8.5 12.7

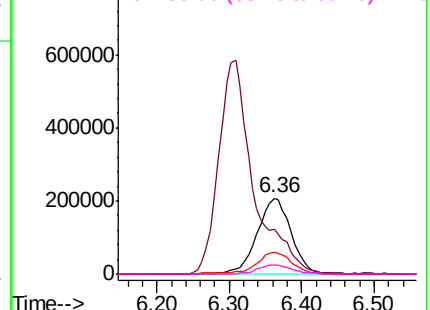
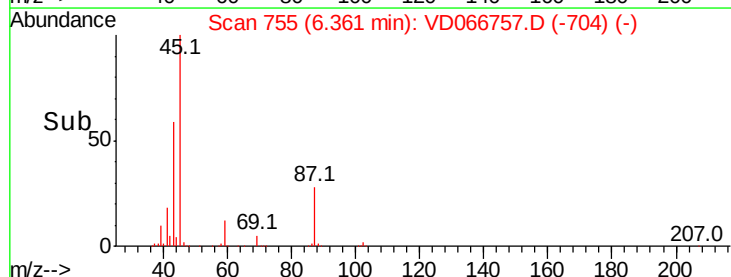


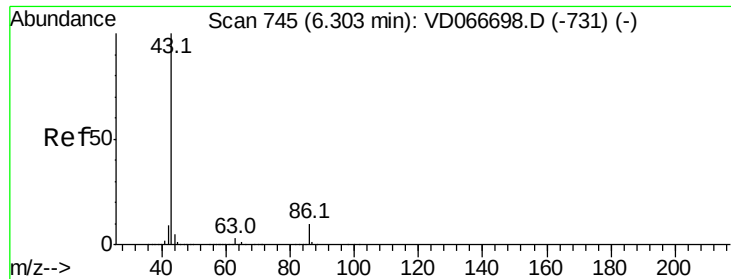
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 247.090 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

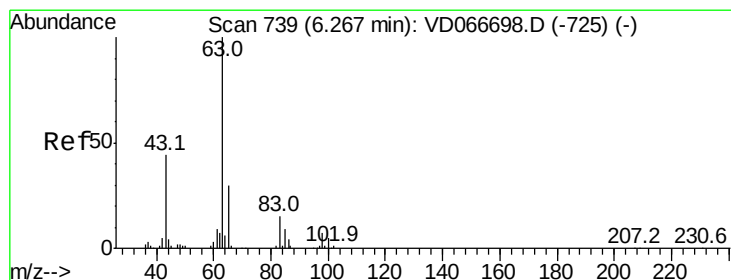
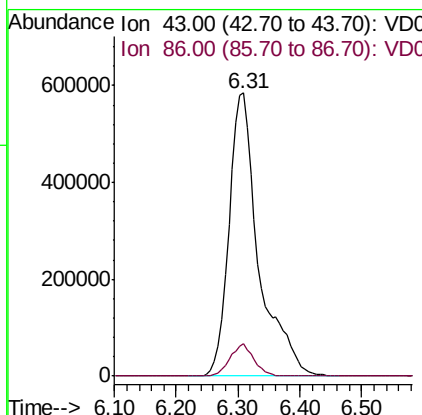
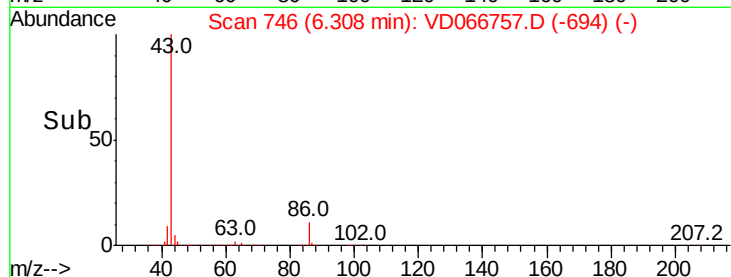
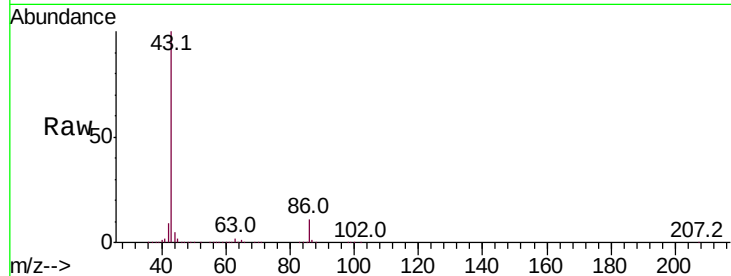
VSTDCCC050

Tot Ion: 43 Resp: 1958311

Ion Ratio Lower Upper

43 100

86 11.3 7.8 11.8



#24

1,1-Dichloroethane

Concen: 47.094 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

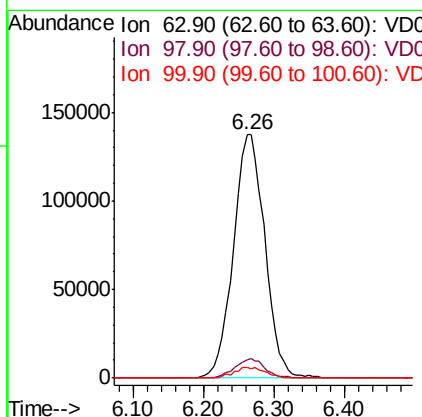
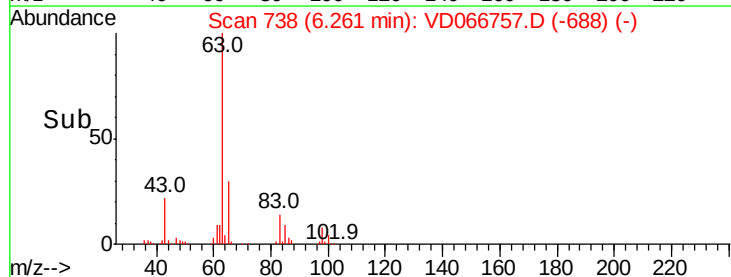
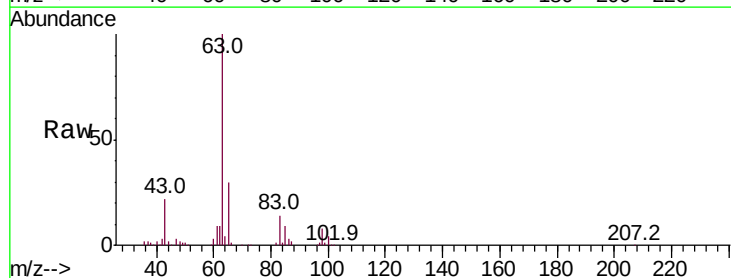
Tgt Ion: 63 Resp: 425797

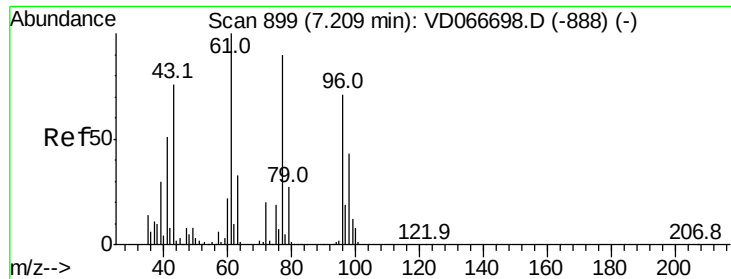
Ion Ratio Lower Upper

63 100

98 7.5 3.4 10.2

100 4.2 2.6 8.0





#25

2-Butanone

Concen: 248.281 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

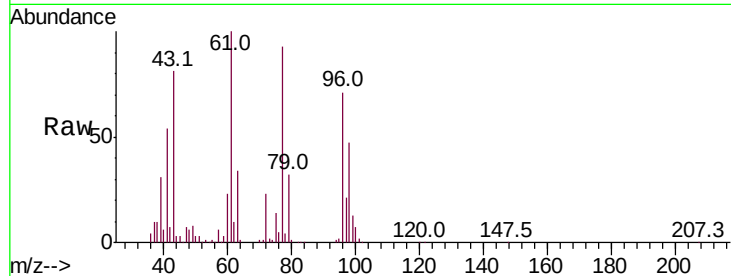
VSTDCCC050

Tot Ion: 43 Resp: 306518

Ion Ratio Lower Upper

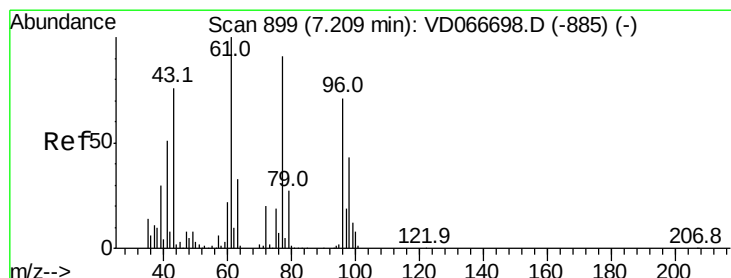
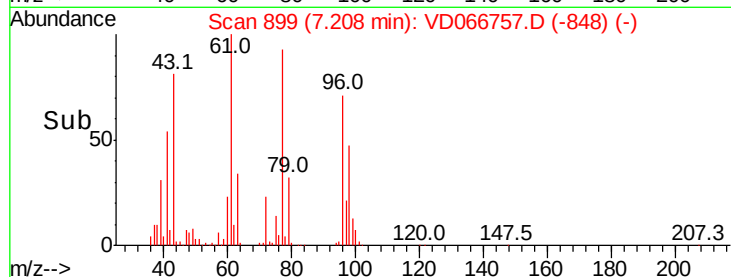
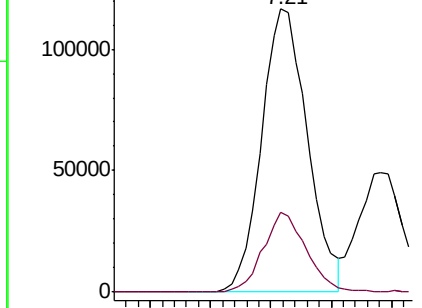
43 100

72 28.0 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 46.985 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066757.D

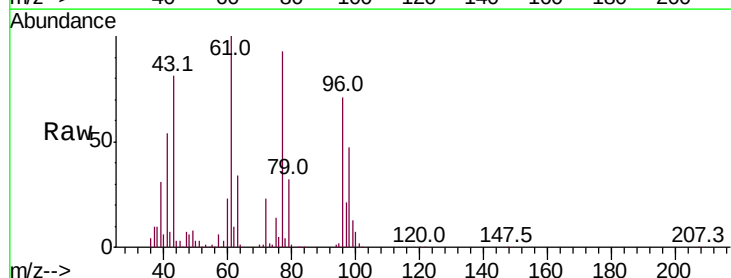
Acq: 18 Sep 2020 11:06

Tgt Ion: 77 Resp: 392833

Ion Ratio Lower Upper

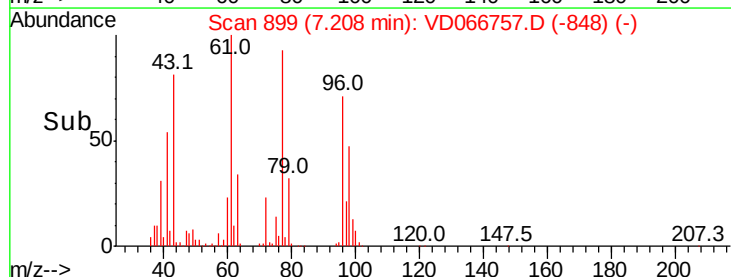
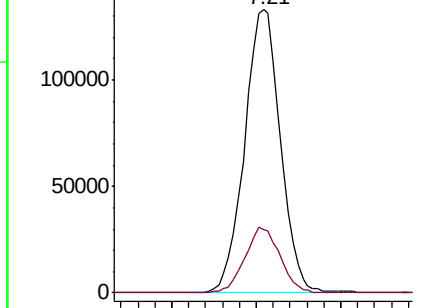
77 100

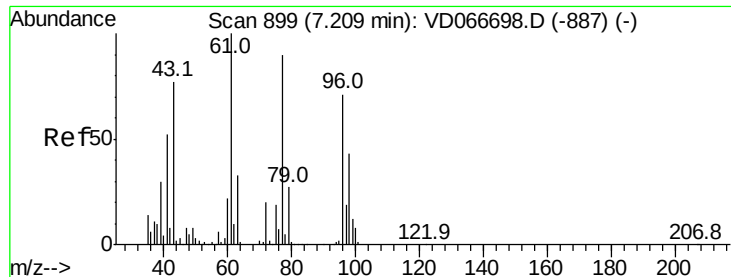
97 22.8 10.6 31.8



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

cis-1,2-Dichloroethene

Concen: 48.133 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

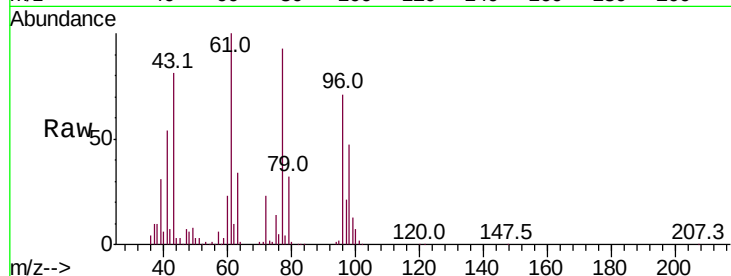
Tot Ion: 96 Resp: 267872

Ion Ratio Lower Upper

96 100

61 147.4 0.0 292.4

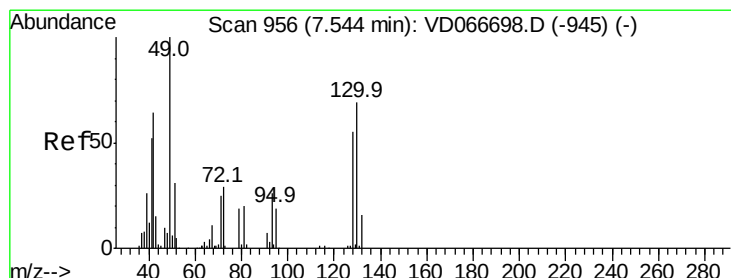
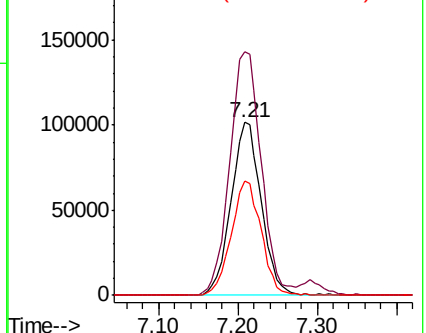
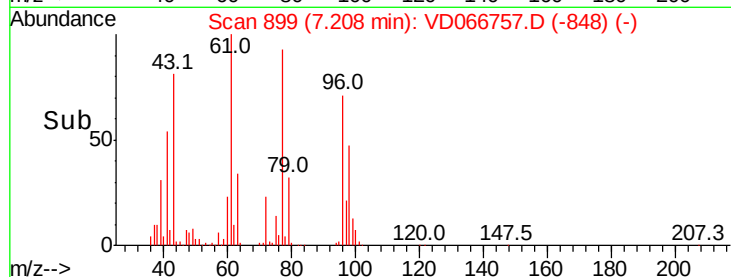
98 65.4 0.0 127.0



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#28

Bromochloromethane

Concen: 45.566 ug/l

RT: 7.55 min Scan# 957

Delta R.T. 0.01 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

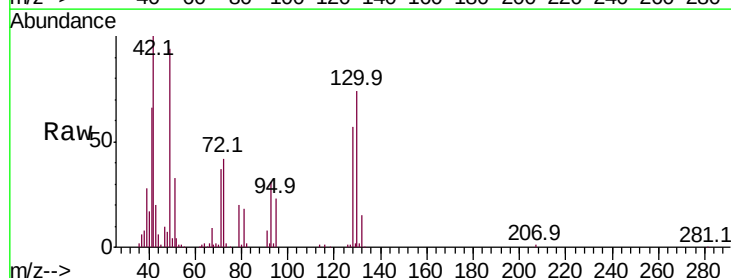
Tgt Ion: 49 Resp: 153881

Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

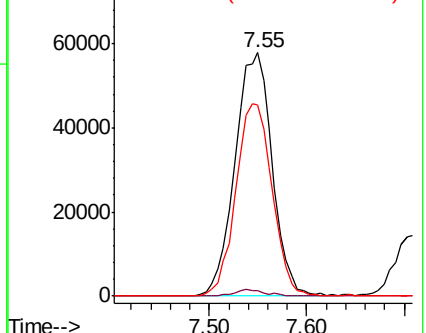
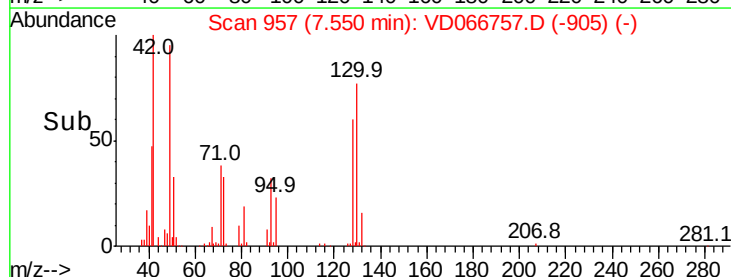
130 77.3 58.6 88.0

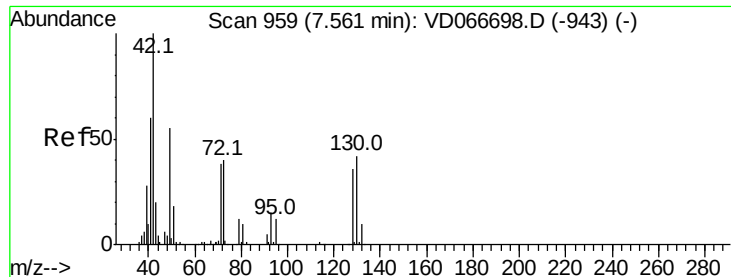


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 247.655 ug/l

RT: 7.56 min Scan# 959

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

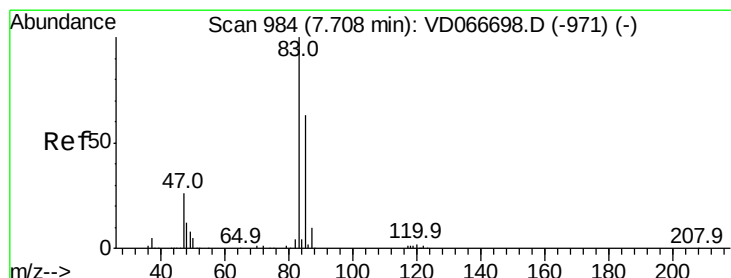
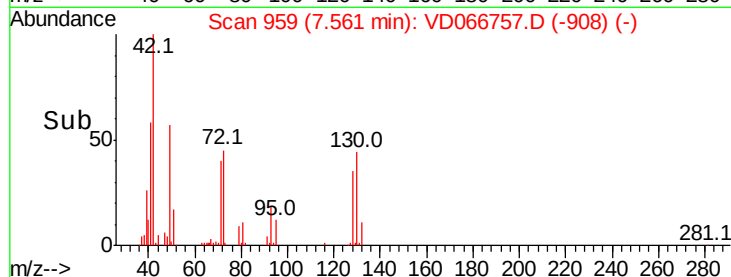
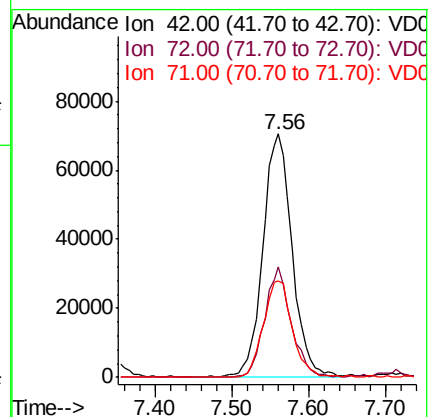
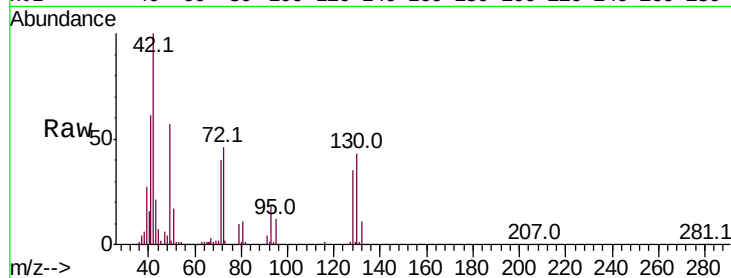
Tot Ion: 42 Resp: 187065

Ion Ratio Lower Upper

42 100

72 41.2 32.6 48.8

71 39.2 30.6 45.8



#30

Chloroform

Concen: 46.552 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.00 min

Lab File: VD066757.D

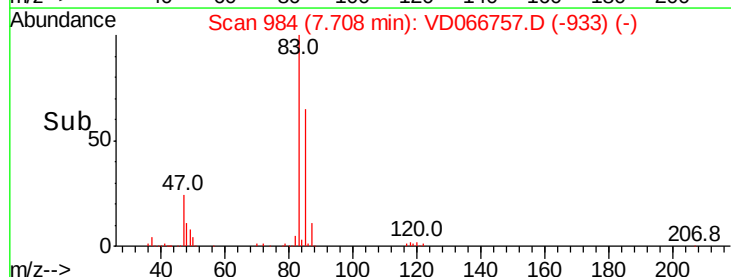
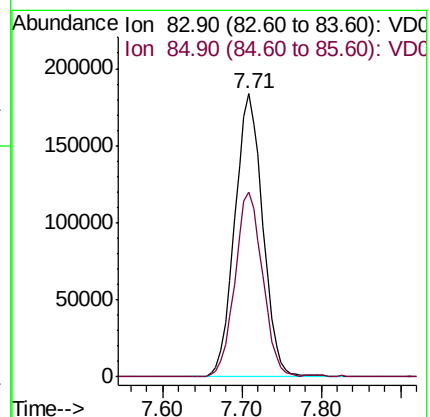
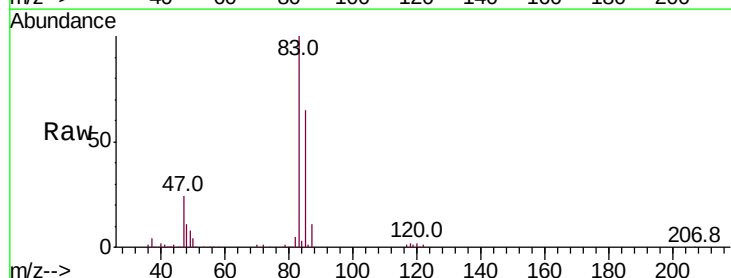
Acq: 18 Sep 2020 11:06

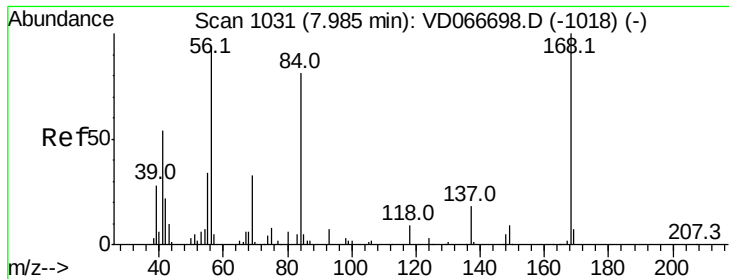
Tgt Ion: 83 Resp: 447959

Ion Ratio Lower Upper

83 100

85 65.1 50.6 76.0

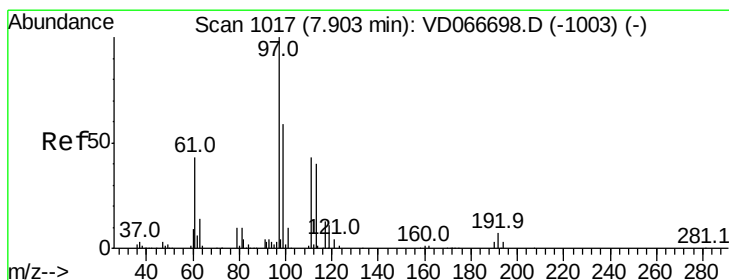
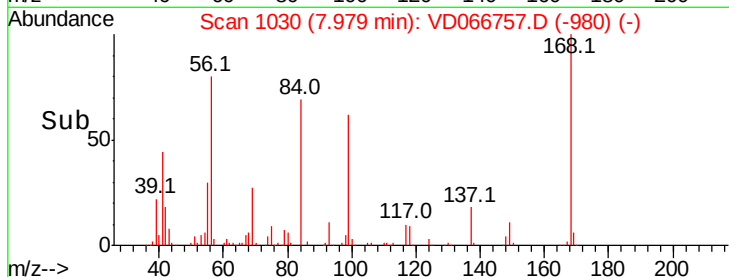
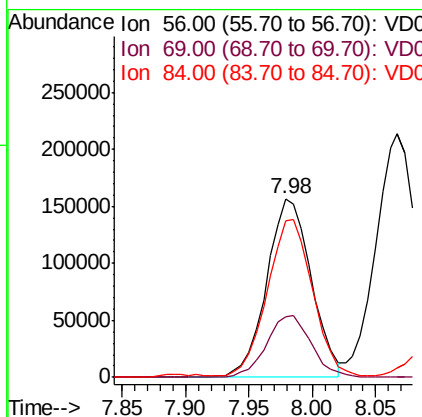
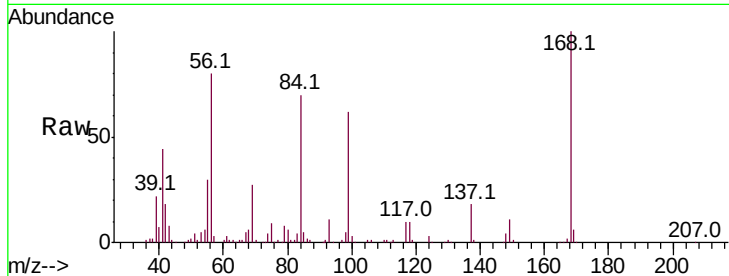




#31
Cyclohexane
Concen: 46.193 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

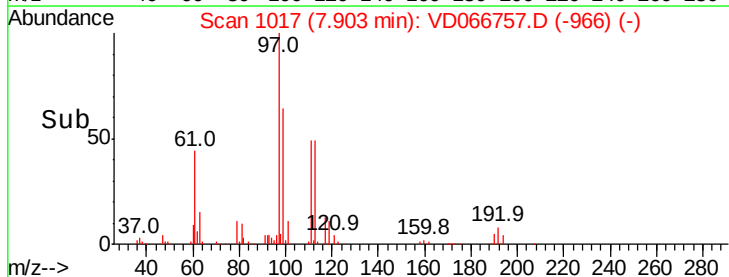
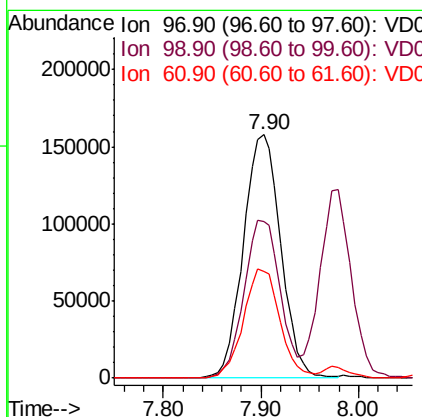
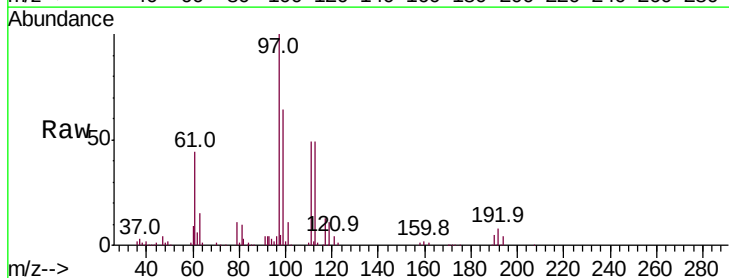
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

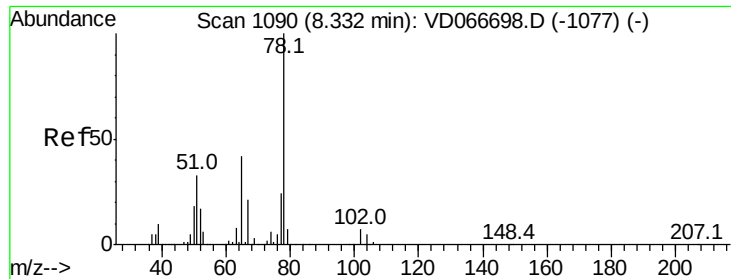
Tot Ion: 56 Resp: 379897
Ion Ratio Lower Upper
56 100
69 34.3 27.7 41.5
84 86.8 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 48.111 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Tgt Ion: 97 Resp: 423640
Ion Ratio Lower Upper
97 100
99 63.0 51.0 76.4
61 43.6 35.2 52.8

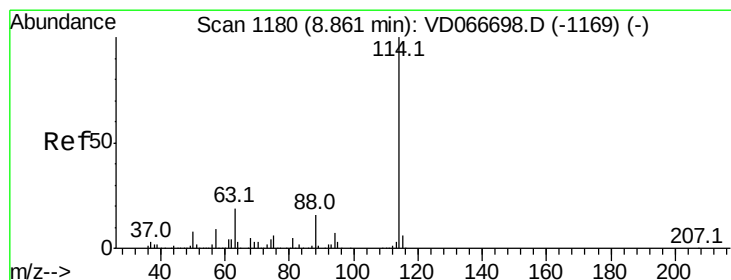
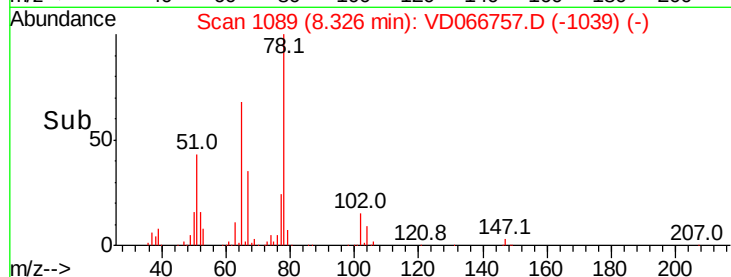
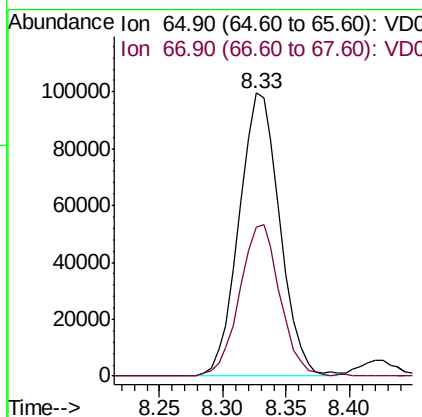
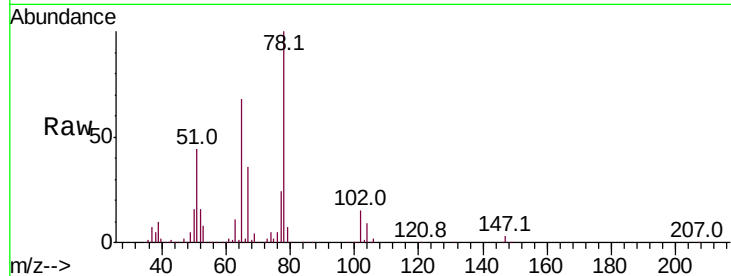




#33
 1,2-Dichloroethane-d4
 Concen: 47.882 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066757.D
 Acq: 18 Sep 2020 11:06

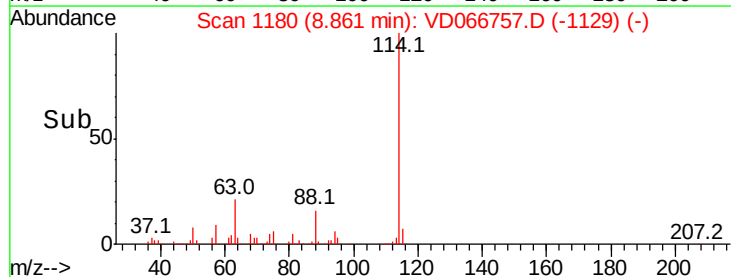
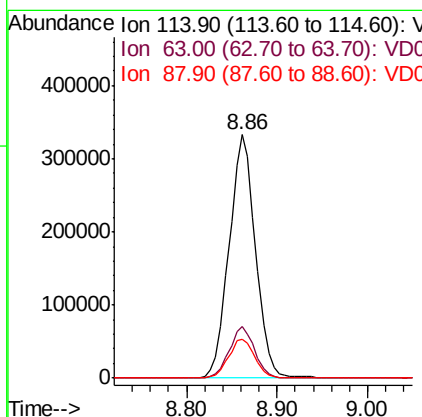
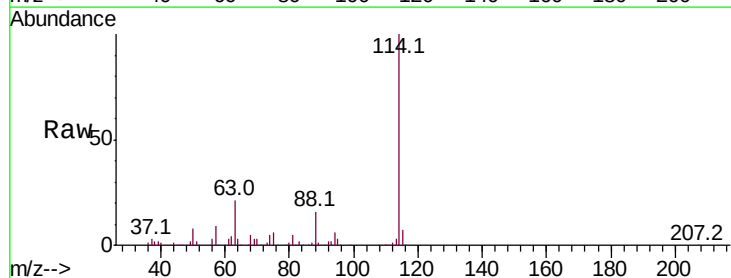
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

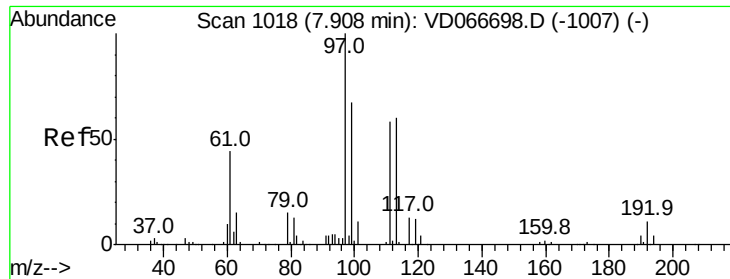
Tot Ion: 65 Resp: 222930
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066757.D
 Acq: 18 Sep 2020 11:06

Tgt Ion: 114 Resp: 672473
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 37.6
 88 15.7 0.0 32.2

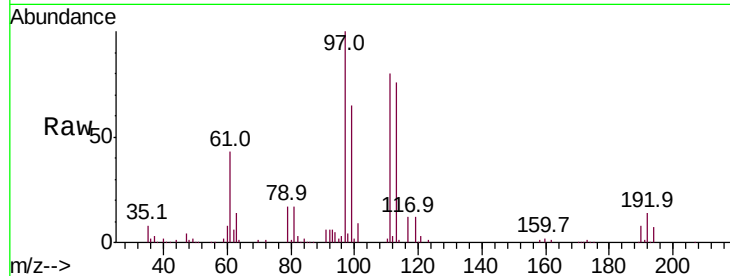




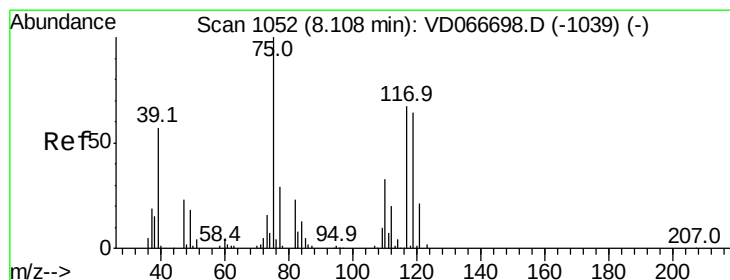
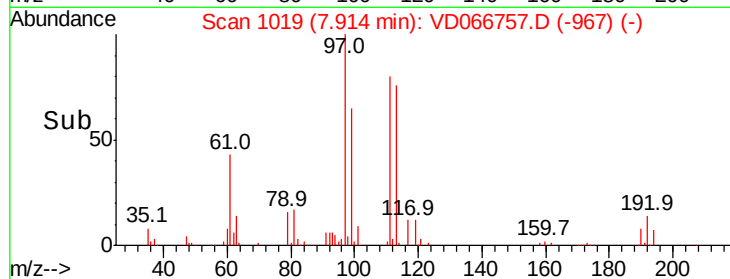
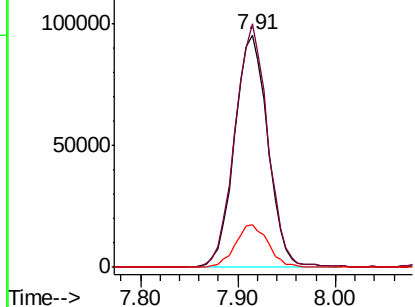
#35
 Dibromofluoromethane
 Concen: 54.798 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066757.D
 Acq: 18 Sep 2020 11:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.2	124.8
192	17.9	14.8	22.2

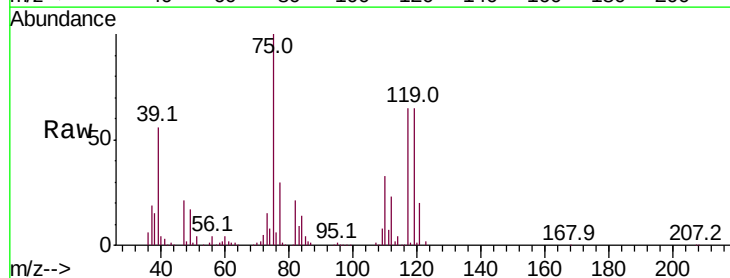


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

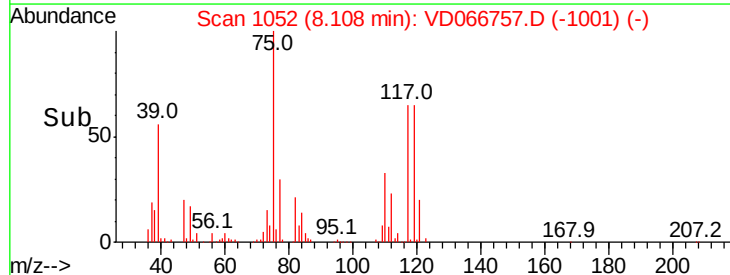
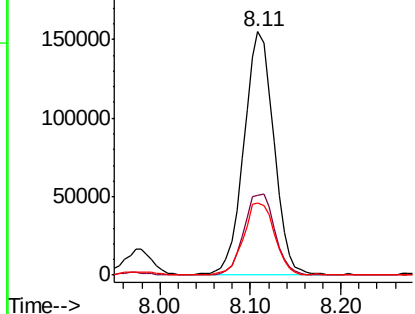


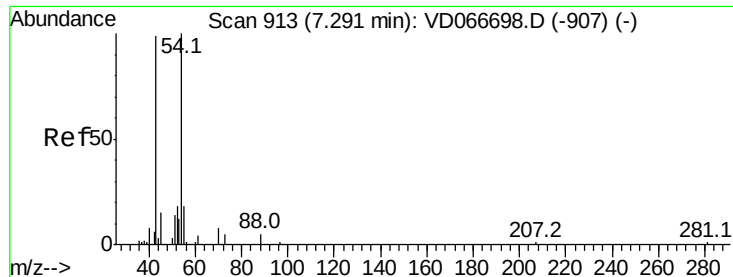
#36
 1,1-Dichloropropene
 Concen: 51.370 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066757.D
 Acq: 18 Sep 2020 11:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.7	17.1	51.2
77	31.3	25.0	37.6



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

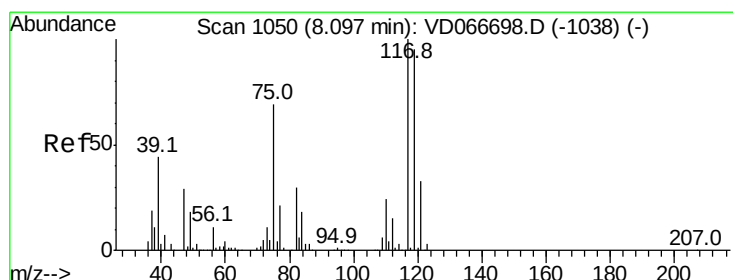
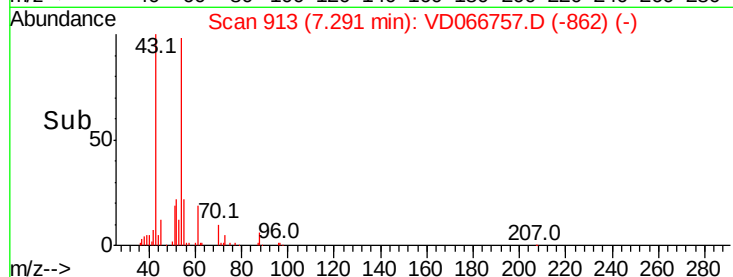
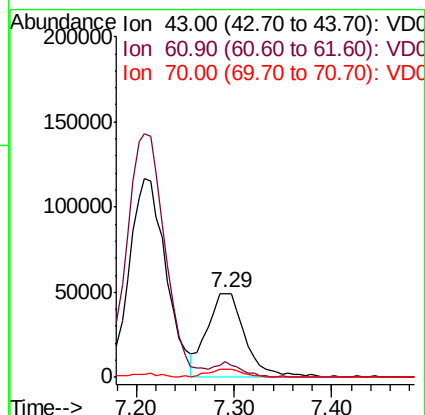
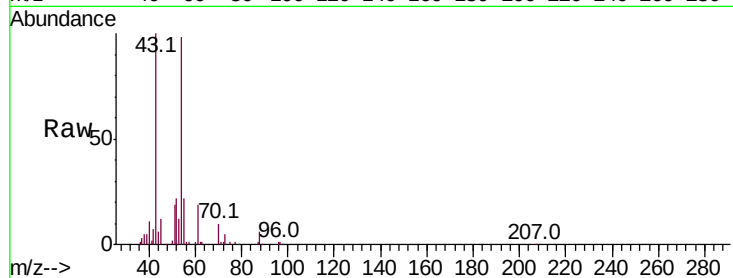




#37
Ethyl Acetate
Concen: 50.643 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

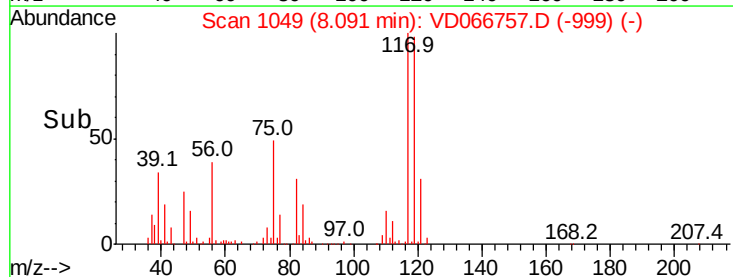
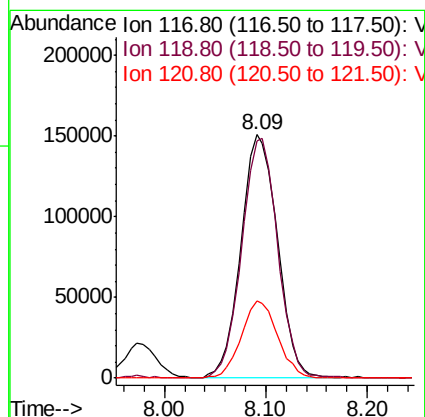
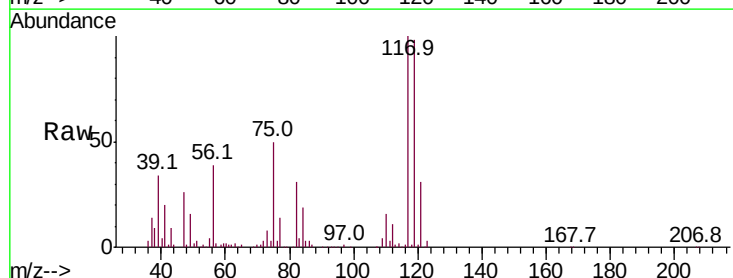
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

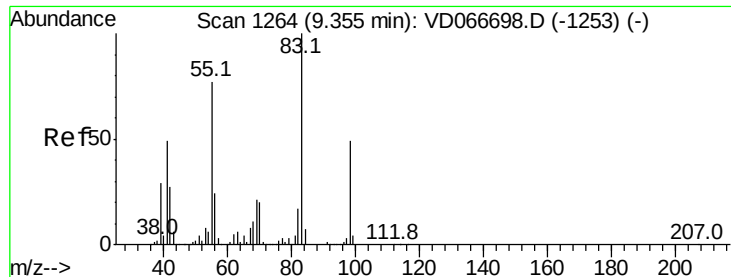
Tot Ion: 43 Resp: 132556
Ion Ratio Lower Upper
43 100
61 11.9 10.4 15.6
70 9.9 7.5 11.3



#38
Carbon Tetrachloride
Concen: 51.310 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Tgt Ion: 117 Resp: 376730
Ion Ratio Lower Upper
117 100
119 97.5 75.8 113.6
121 31.5 26.2 39.4

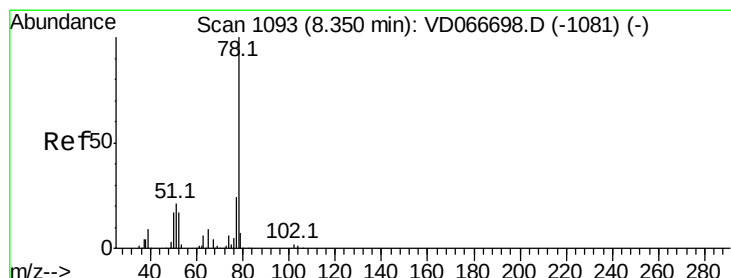
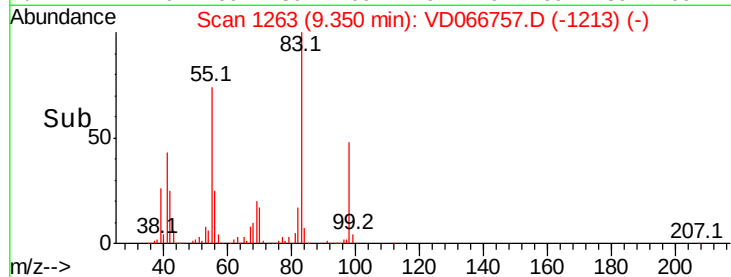
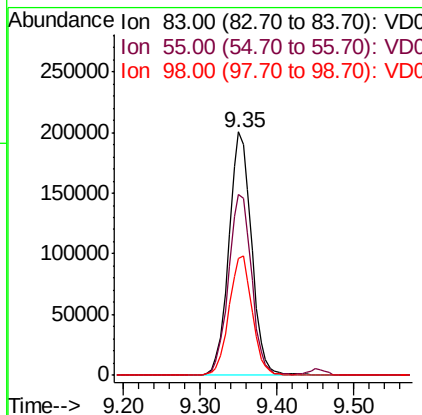
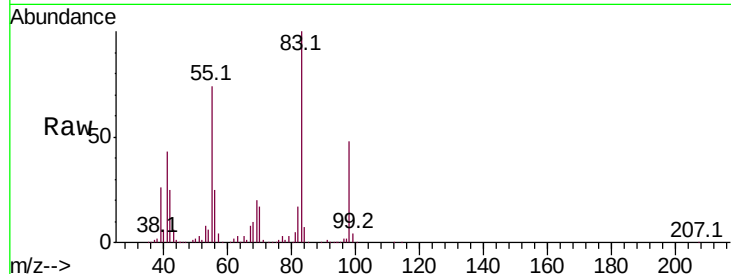




#39
Methylvlcyclohexane
Concen: 52.354 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

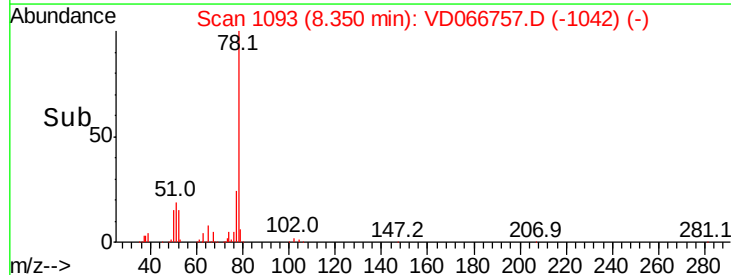
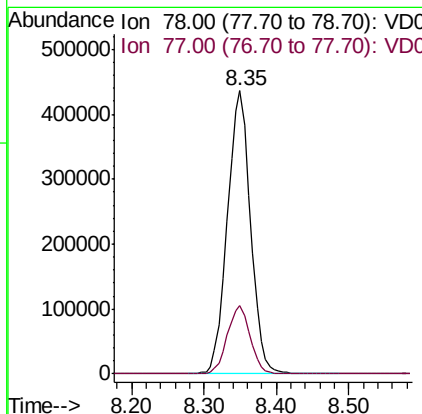
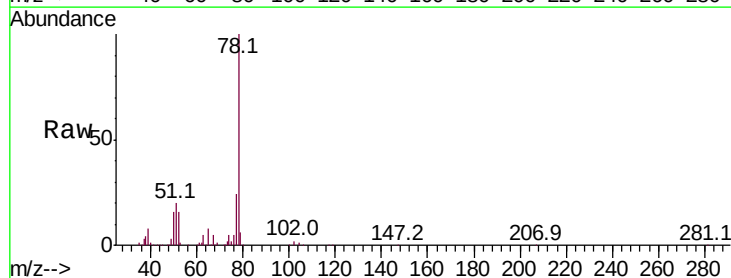
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

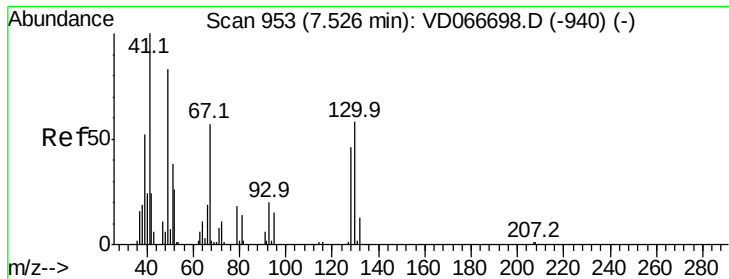
Tot Ion: 83 Resp: 414037
Ion Ratio Lower Upper
83 100
55 74.4 61.5 92.3
98 47.8 39.3 58.9



#40
Benzene
Concen: 51.763 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Tgt Ion: 78 Resp: 968227
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9

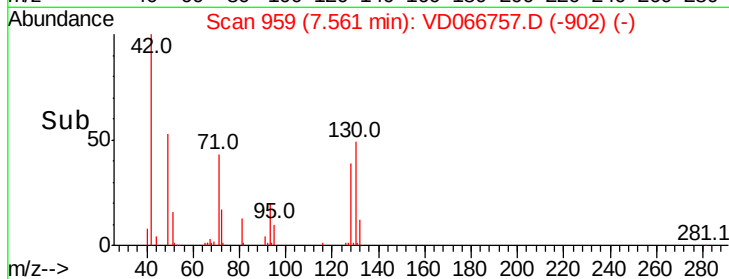
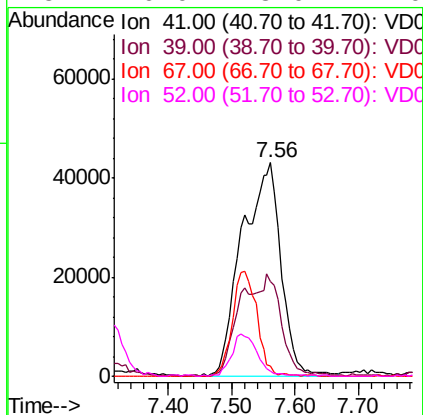
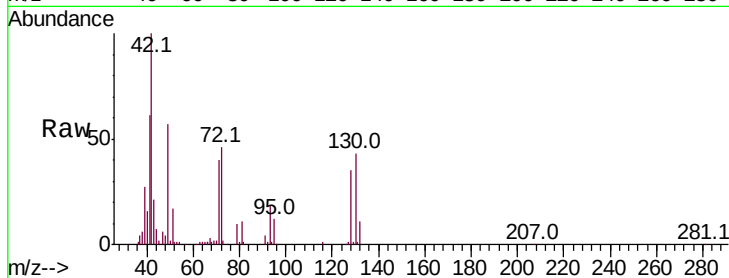




#41
Methacrylonitrile
Concen: 132.209 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.04 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

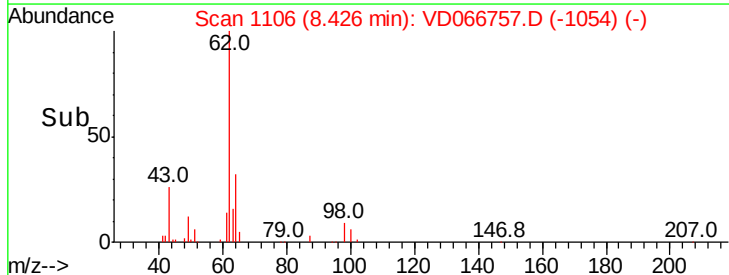
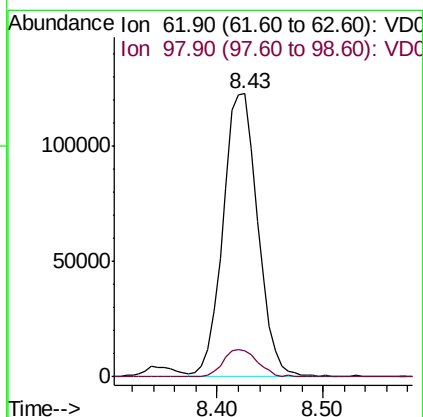
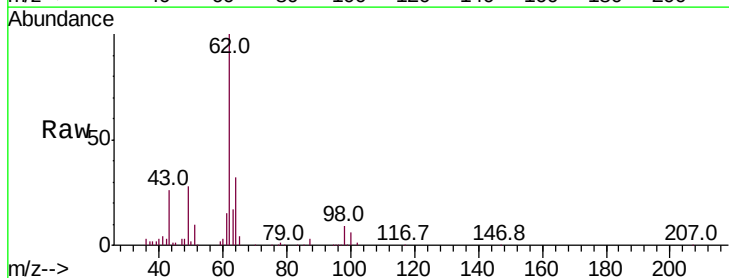
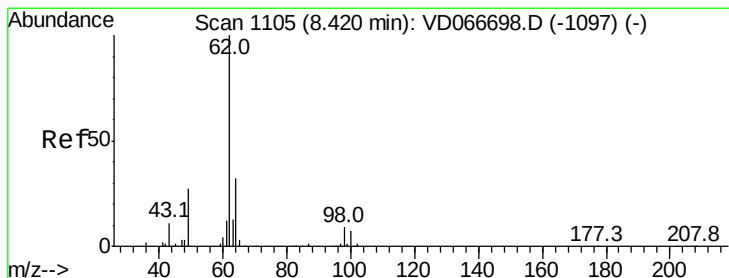
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

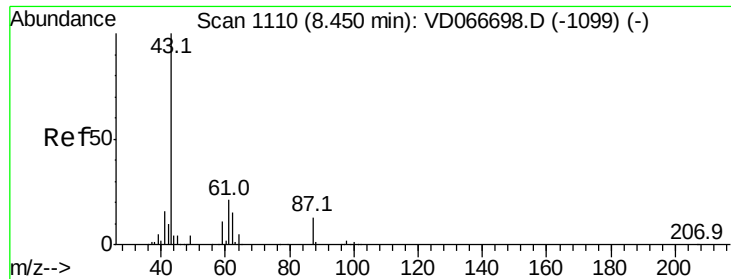
Tot Ion: 41 Resp: 183204
Ion Ratio Lower Upper
41 100
39 0.0 59.3 88.9#
67 0.0 62.3 93.5#
52 0.0 28.0 42.0#



#42
1,2-Dichloroethane
Concen: 48.147 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.01 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Tgt Ion: 62 Resp: 279016
Ion Ratio Lower Upper
62 100
98 9.8 0.0 17.6





#43

Isopropyl Acetate

Concen: 49.969 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

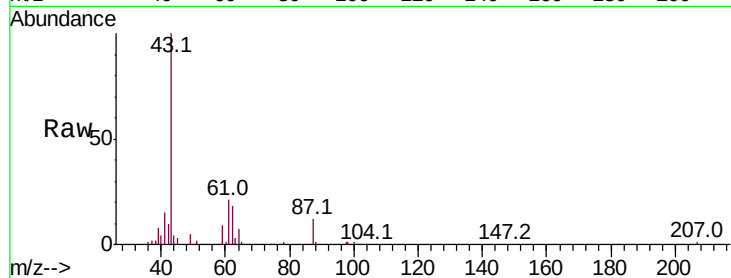
Tot Ion: 43 Resp: 246181

Ion Ratio Lower Upper

43 100

61 31.4 24.8 37.2

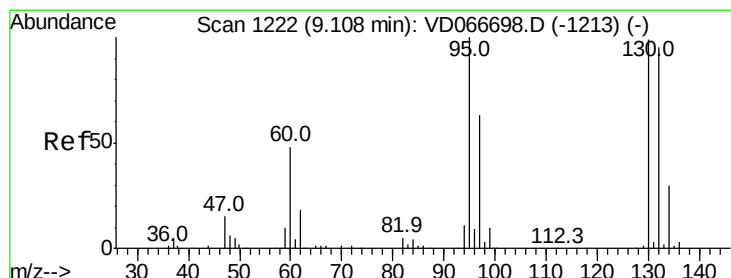
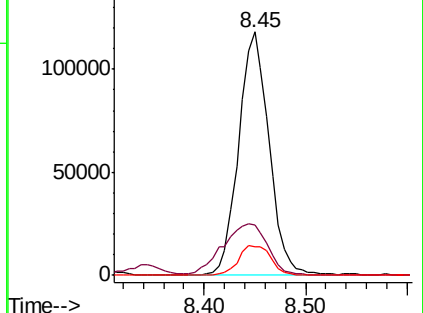
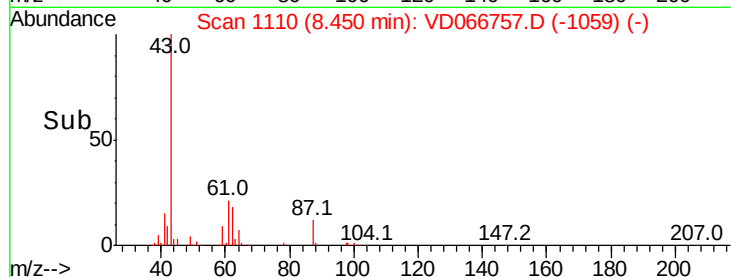
87 13.1 10.4 15.6



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: 52.471 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066757.D

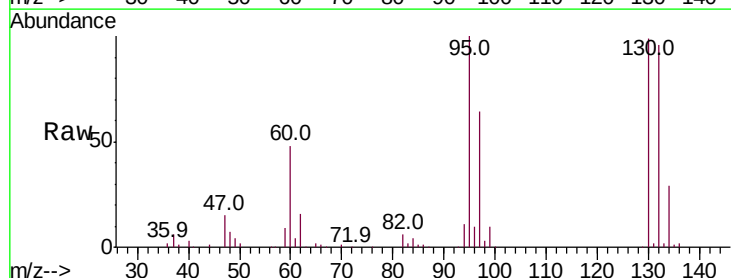
Acq: 18 Sep 2020 11:06

Tgt Ion:130 Resp: 262421

Ion Ratio Lower Upper

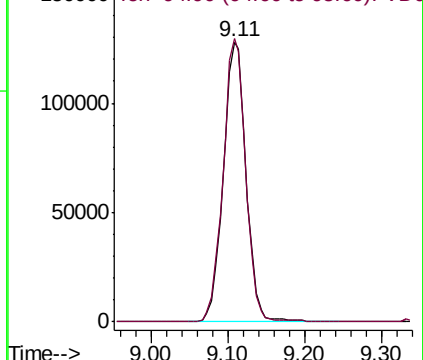
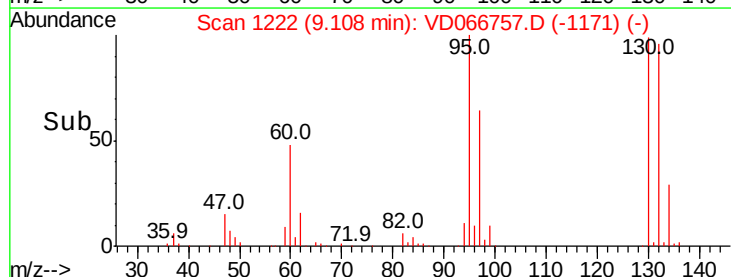
130 100

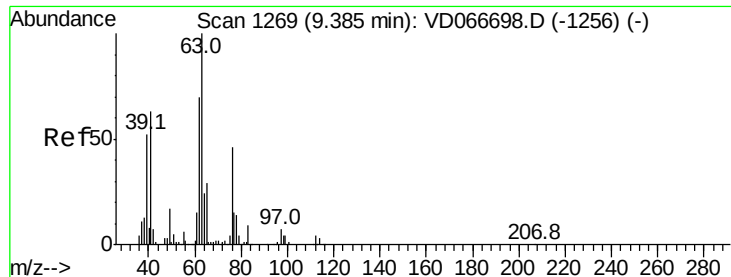
95 101.2 0.0 201.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 50.826 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

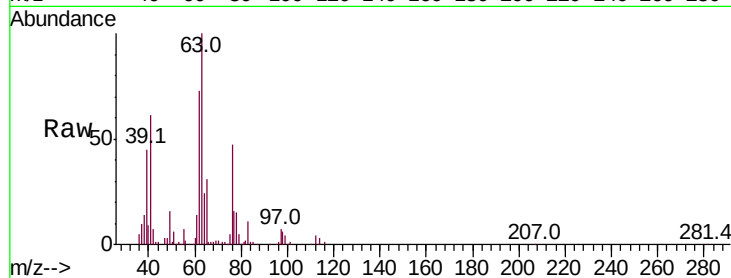
VSTDCCC050

Tot Ion: 63 Resp: 235031

Ion Ratio Lower Upper

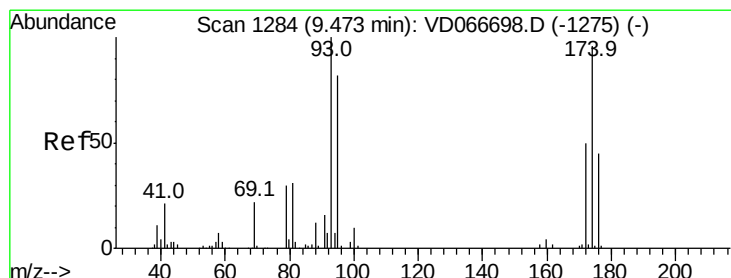
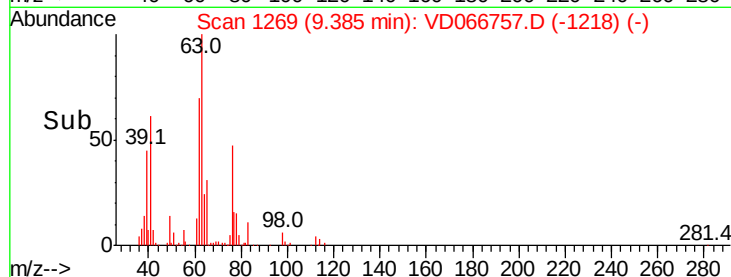
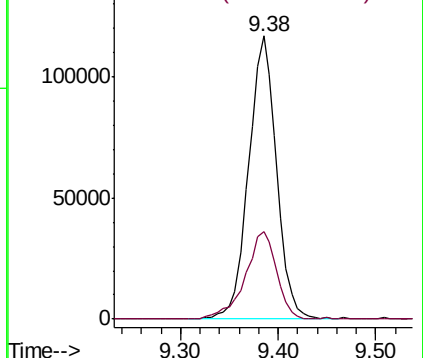
63 100

65 30.9 23.4 35.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 49.786 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

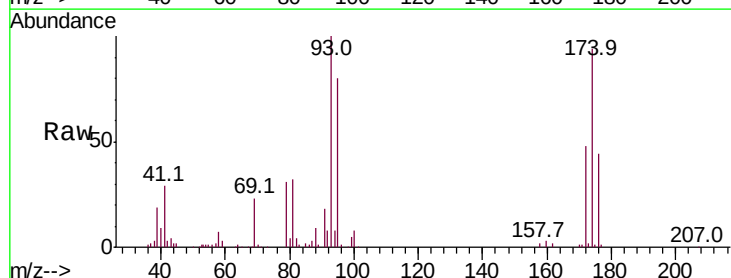
Tgt Ion: 93 Resp: 126508

Ion Ratio Lower Upper

93 100

95 83.8 66.0 99.0

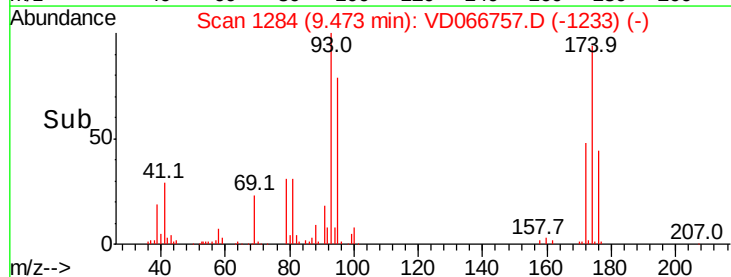
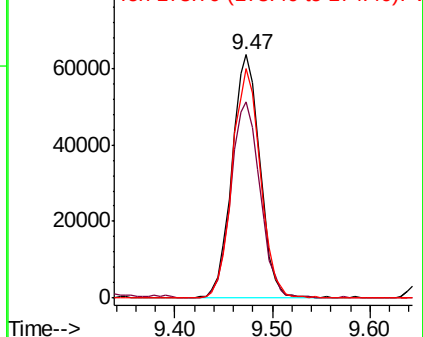
174 94.6 72.3 108.5

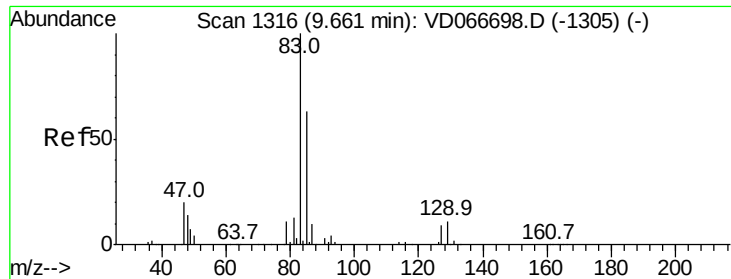


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.653 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

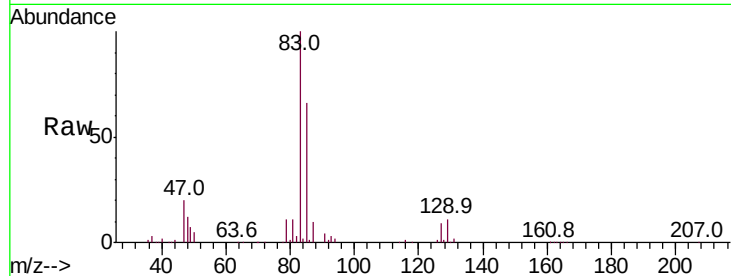
Tot Ion: 83 Resp: 343804

Ion Ratio Lower Upper

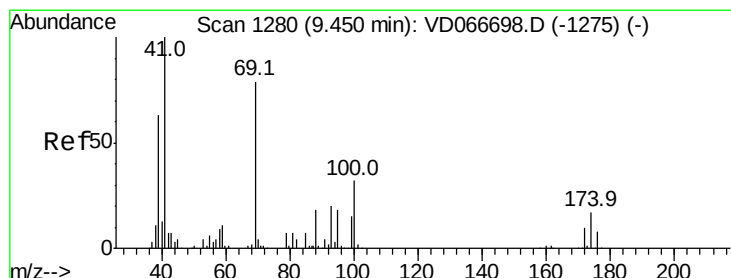
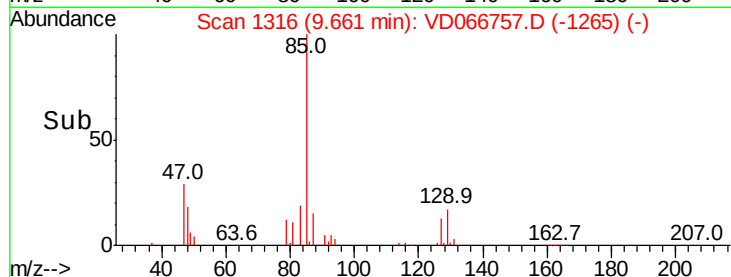
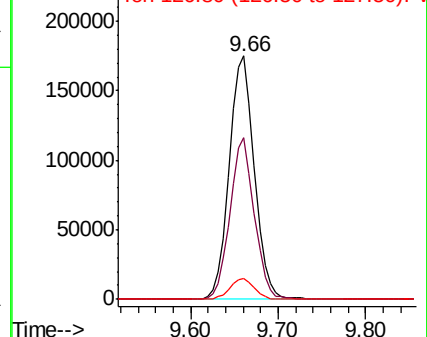
83 100

85 66.4 50.1 75.1

127 8.5 6.9 10.3



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: 53.279 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.01 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

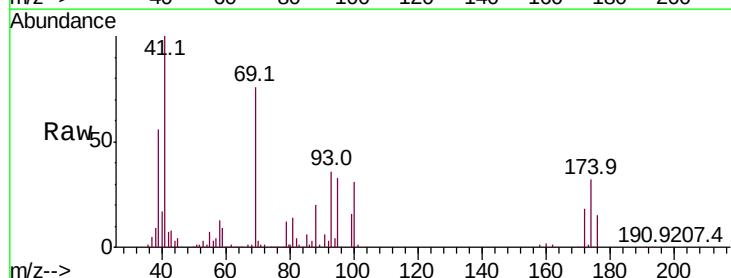
Tgt Ion: 41 Resp: 133514

Ion Ratio Lower Upper

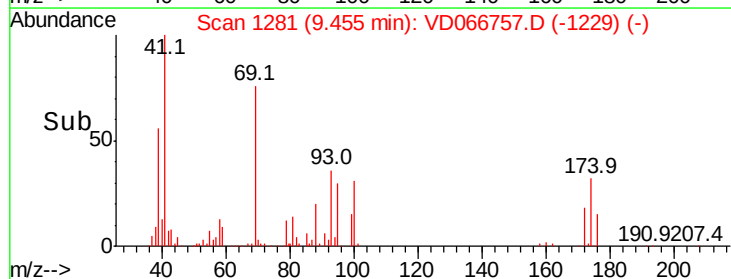
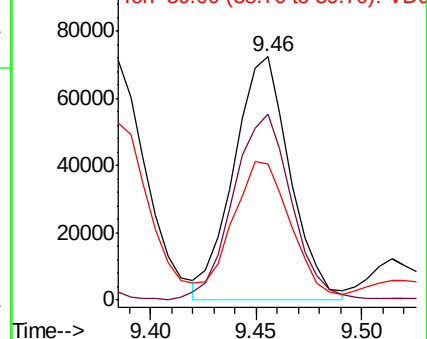
41 100

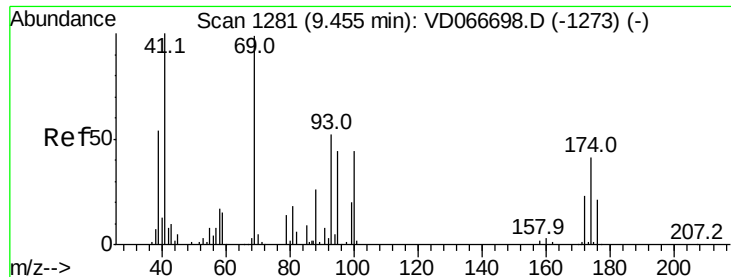
69 80.5 62.4 93.6

39 54.1 44.8 67.2



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





#49

1,4-Dioxane

Concen: 1081.871 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

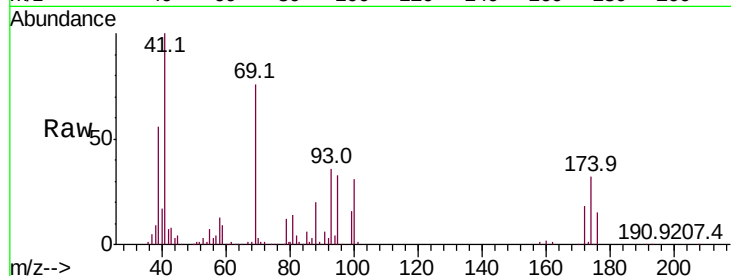
Tot Ion: 88 Resp: 29448

Ion Ratio Lower Upper

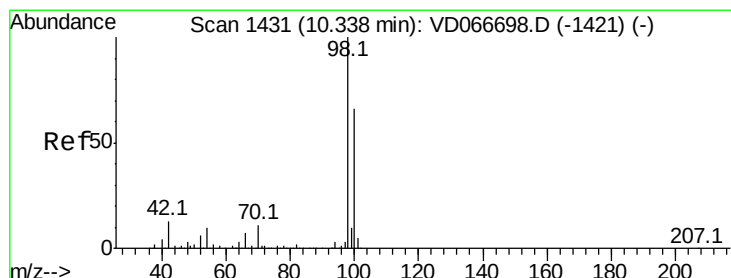
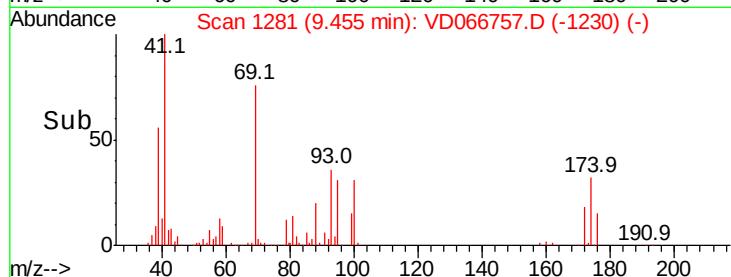
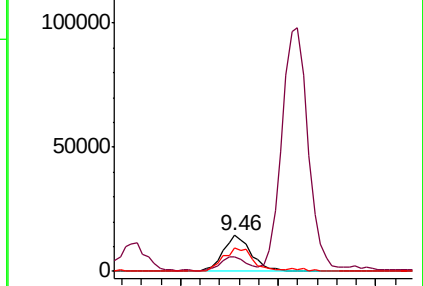
88 100

43 34.5 29.3 43.9

58 65.8 51.4 77.2



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



#50

Toluene-d8

Concen: 56.477 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066757.D

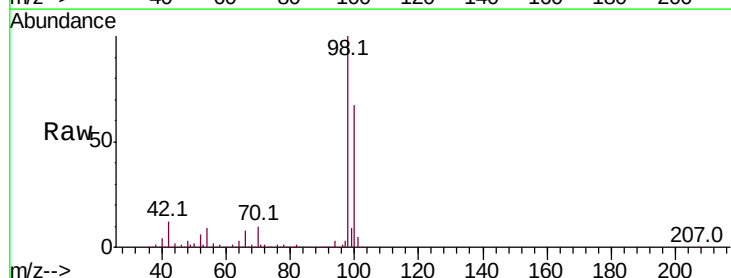
Acq: 18 Sep 2020 11:06

Tgt Ion: 98 Resp: 829581

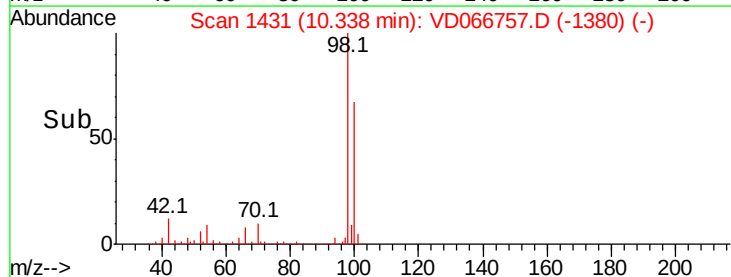
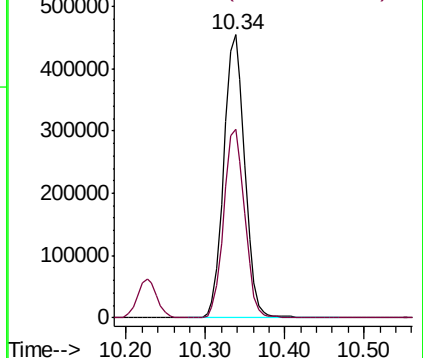
Ion Ratio Lower Upper

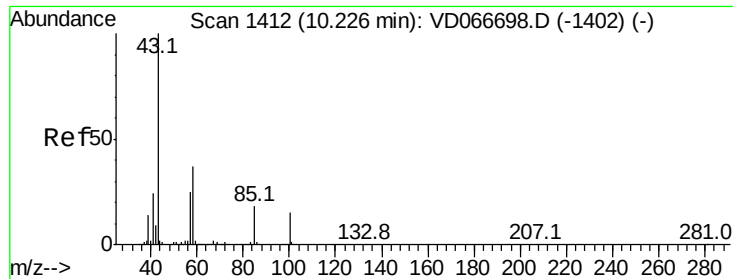
98 100

100 66.5 52.7 79.1



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

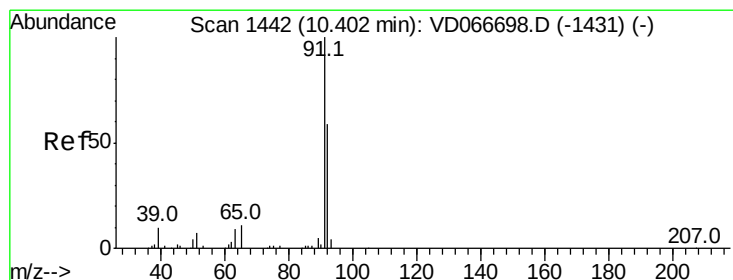
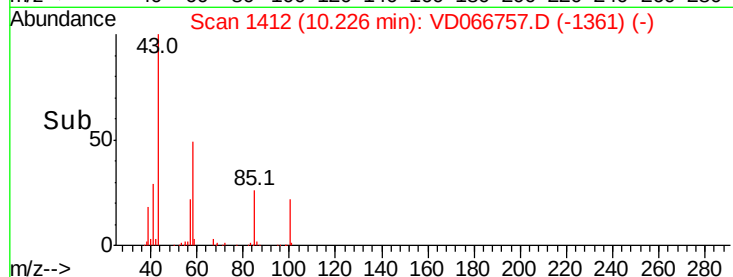
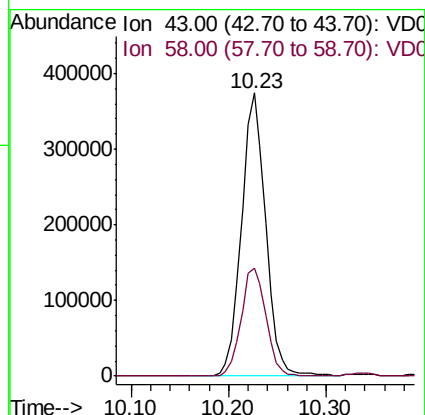
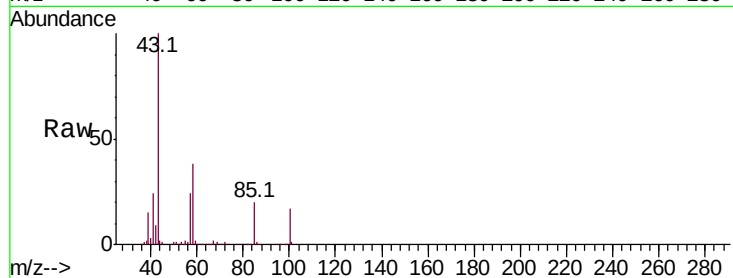




#51
 4-Methyl-2-Pentanone
 Concen: 255.453 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: VD066757.D
 Acq: 18 Sep 2020 11:06

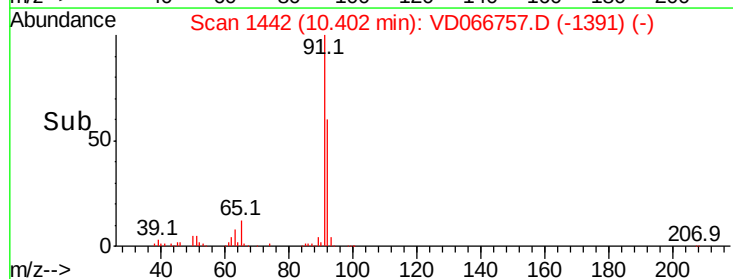
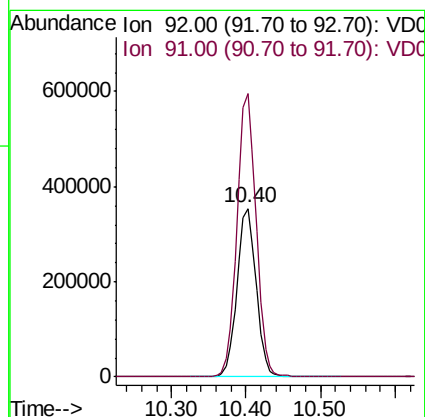
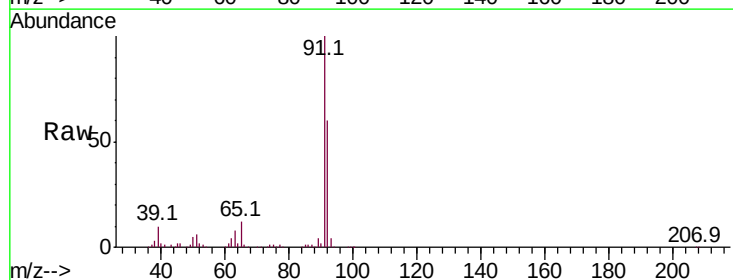
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

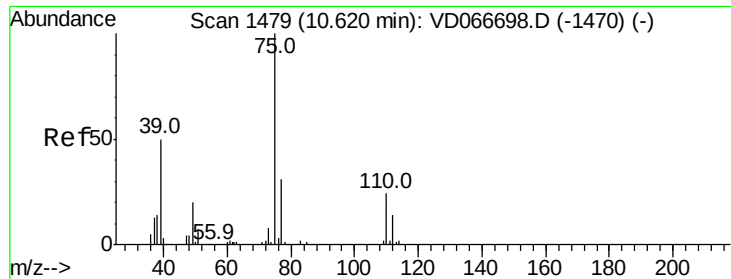
Tot Ion: 43 Resp: 647929
 Ion Ratio Lower Upper
 43 100
 58 39.1 30.4 45.6



#52
 Toluene
 Concen: 52.758 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VD066757.D
 Acq: 18 Sep 2020 11:06

Tgt Ion: 92 Resp: 632183
 Ion Ratio Lower Upper
 92 100
 91 168.7 135.8 203.8





#53

t-1,3-Dichloropropene

Concen: 50.875 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

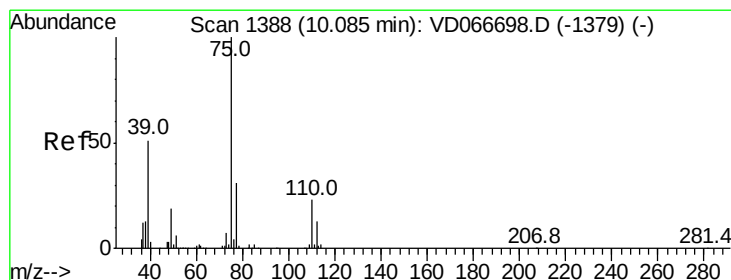
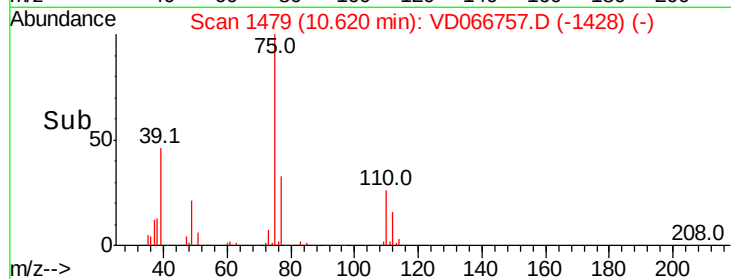
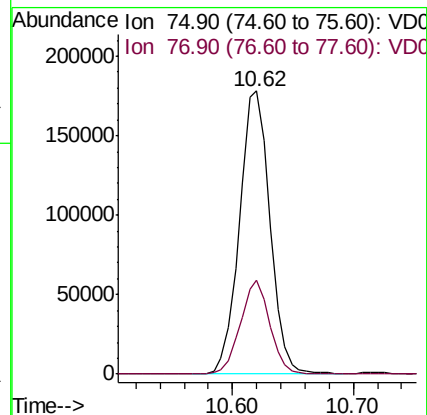
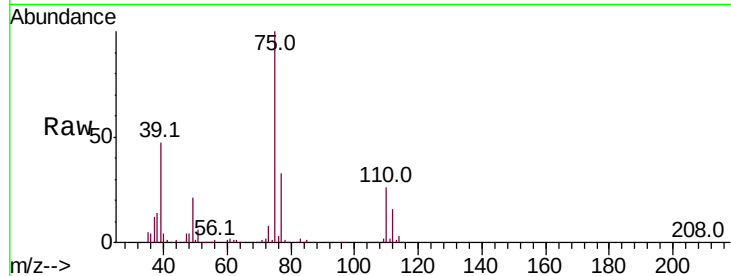
VSTDCCC050

Tot Ion: 75 Resp: 314688

Ion Ratio Lower Upper

75 100

77 33.1 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 51.765 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

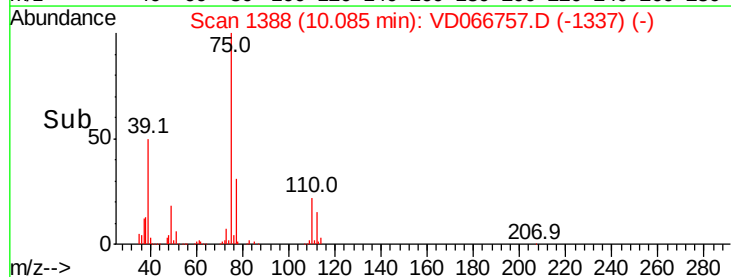
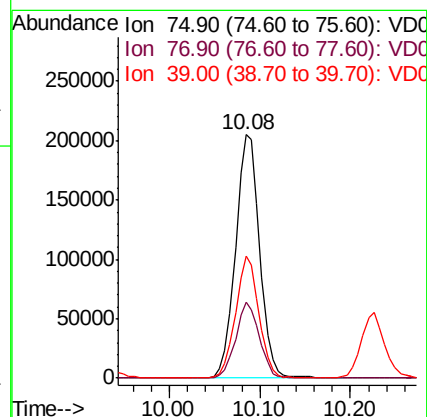
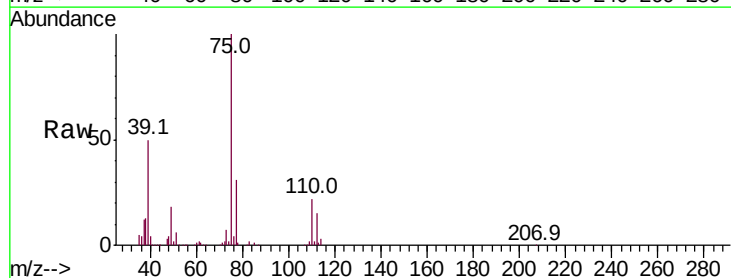
Tgt Ion: 75 Resp: 380311

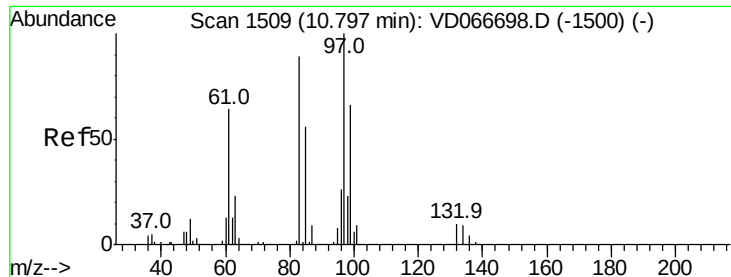
Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6

39 50.1 40.6 61.0





#55

1,1,2-Trichloroethane

Concen: 51.115 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 171251

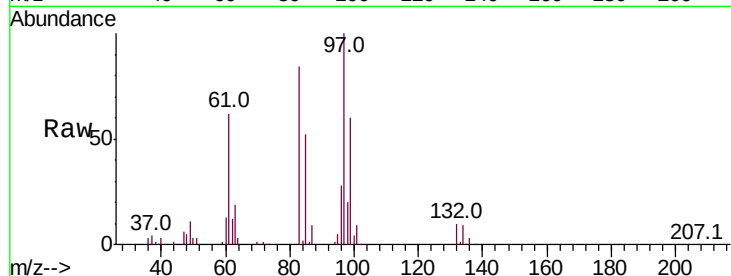
Ion Ratio Lower Upper

97 100

83 84.1 71.4 107.2

85 52.3 44.7 67.1

99 59.8 52.4 78.6

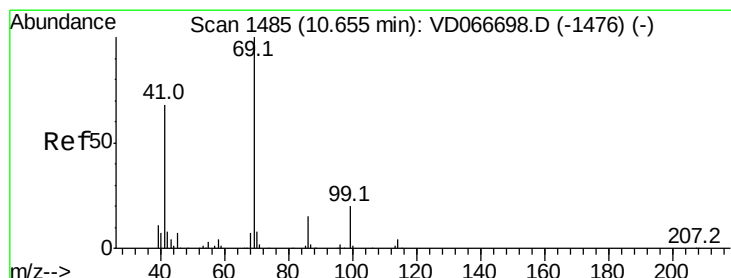
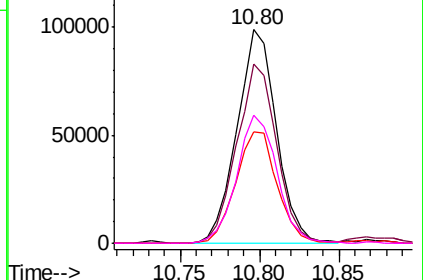
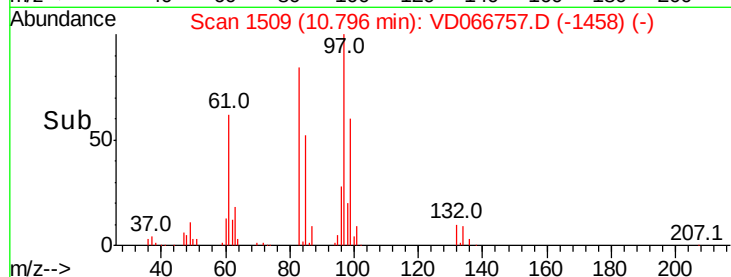


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 53.102 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. 0.01 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

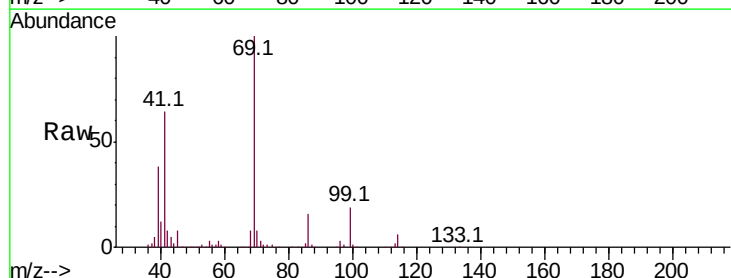
Tgt Ion: 69 Resp: 201889

Ion Ratio Lower Upper

69 100

41 67.4 55.5 83.3

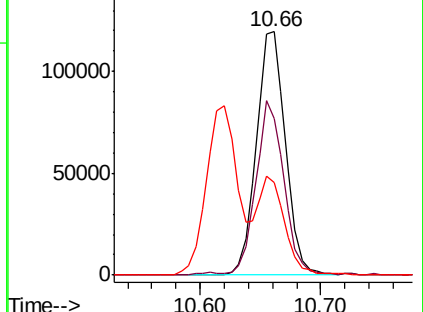
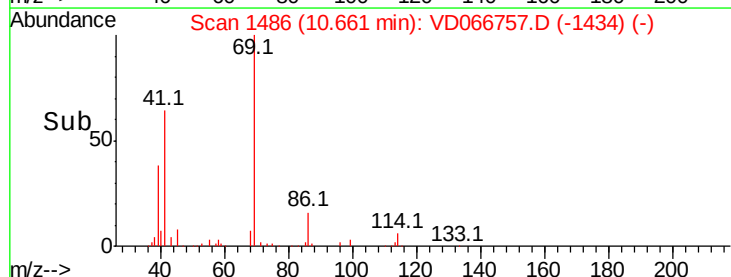
39 35.0 29.7 44.5

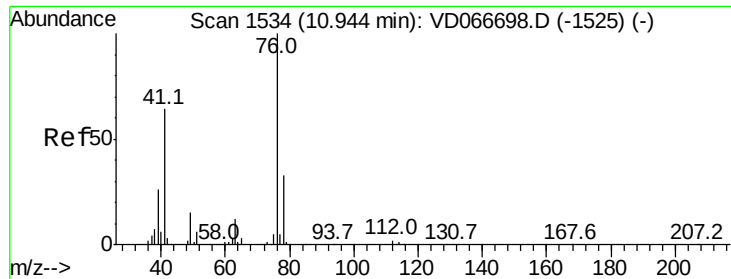


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 50.893 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

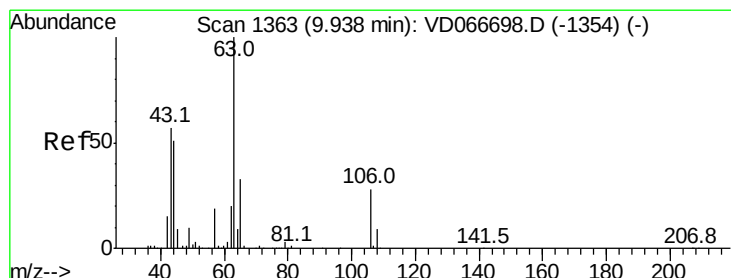
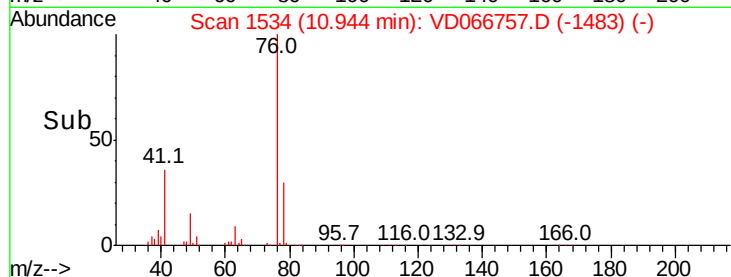
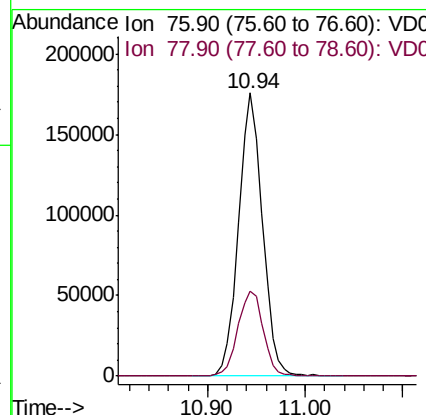
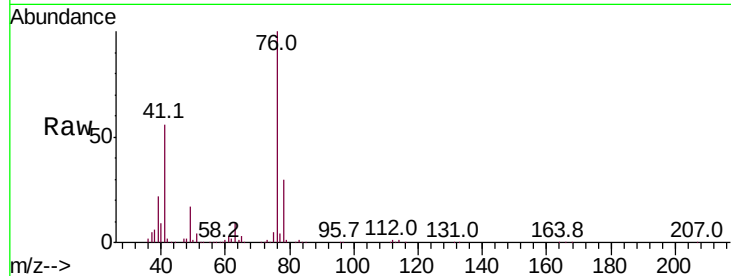
Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 299226

Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.2	39.2



#58

2-Chloroethyl Vinyl ether

Concen: 266.044 ug/l

RT: 9.94 min Scan# 1363

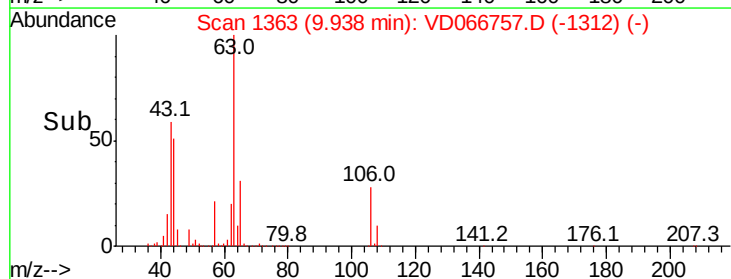
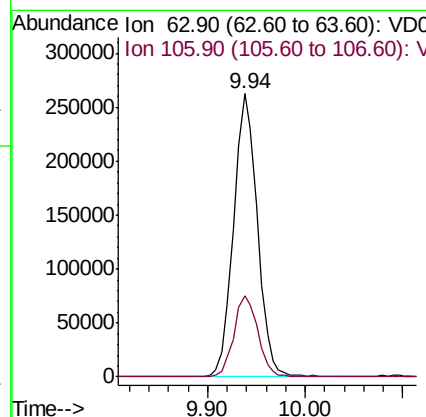
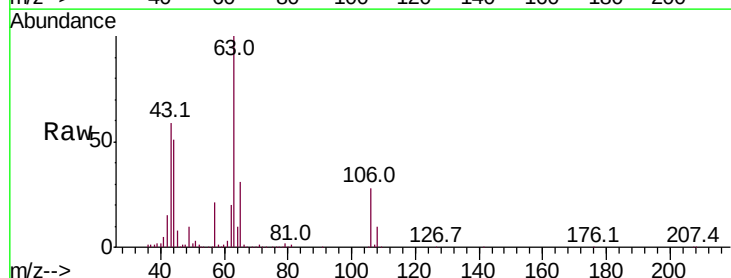
Delta R.T. -0.00 min

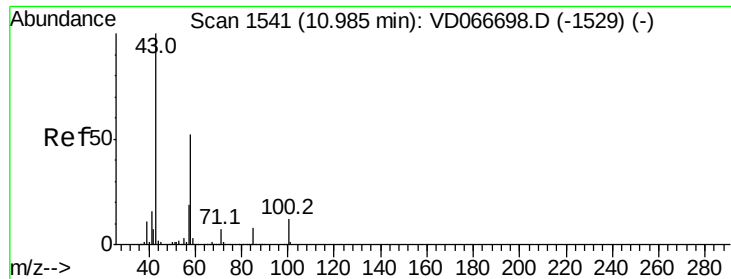
Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Tgt Ion: 63 Resp: 444232

Ion	Ratio	Lower	Upper
63	100		
106	28.9	22.2	33.4





#59

2-Hexanone

Concen: 279.610 ug/l

RT: 10.98 min Scan# 1541

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

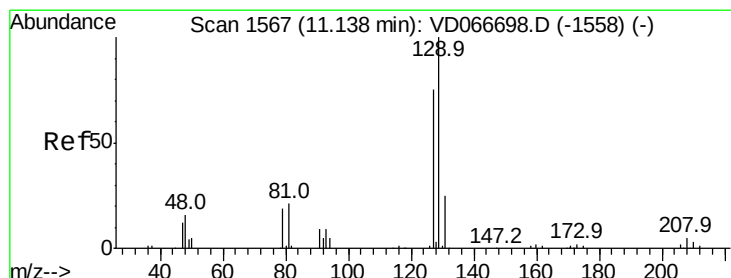
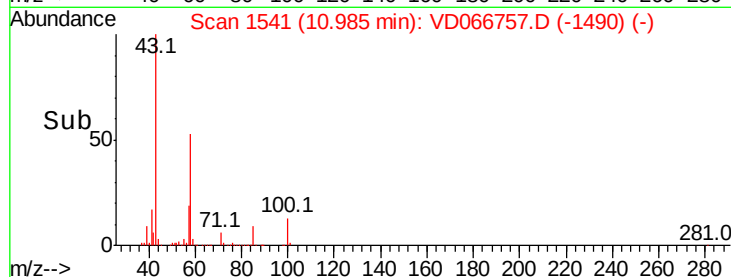
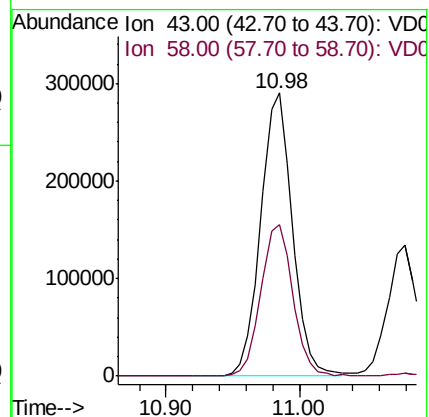
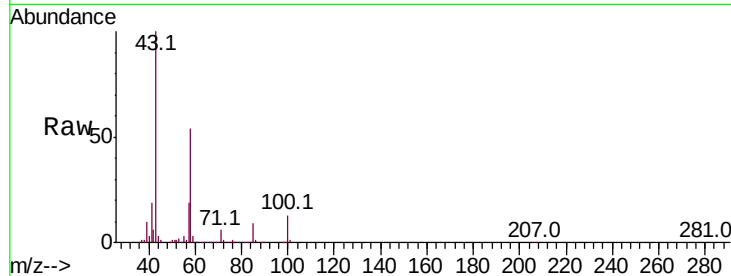
VSTDCCC050

Tot Ion: 43 Resp: 476523

Ion Ratio Lower Upper

43 100

58 54.1 26.2 78.5



#60

Dibromochloromethane

Concen: 51.854 ug/l

RT: 11.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VD066757.D

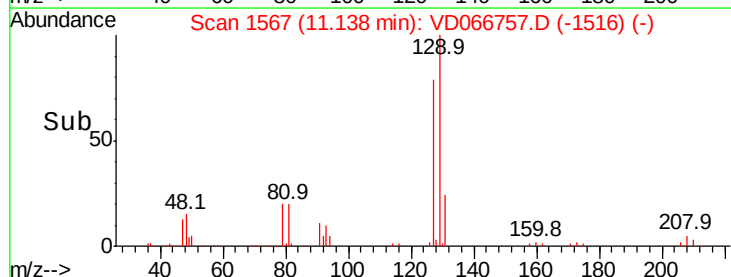
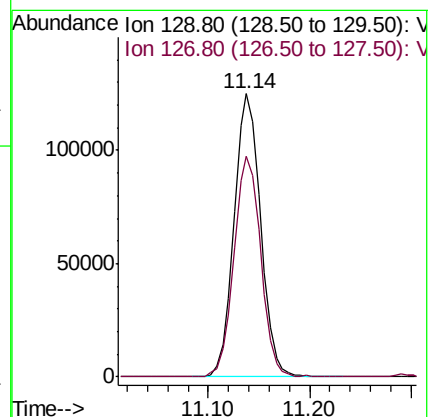
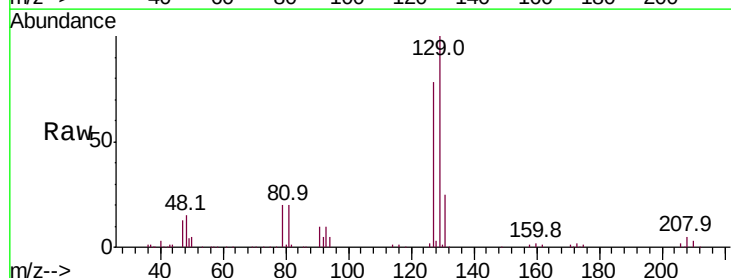
Acq: 18 Sep 2020 11:06

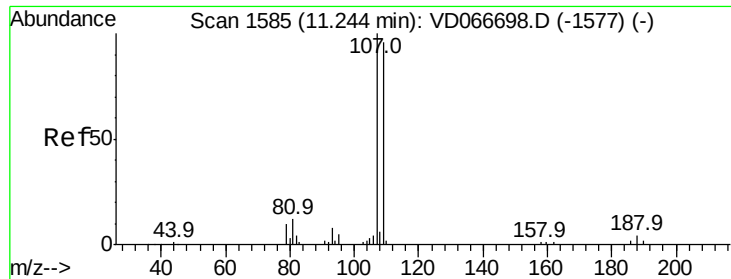
Tgt Ion: 129 Resp: 226364

Ion Ratio Lower Upper

129 100

127 78.9 38.1 114.3

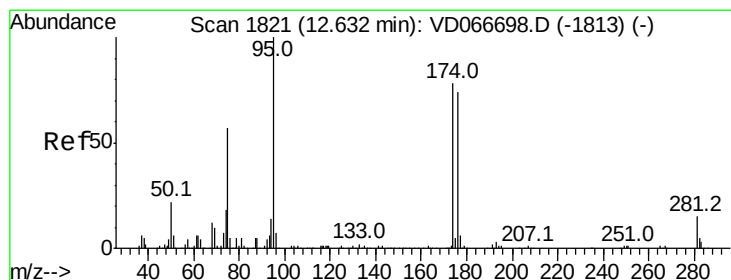
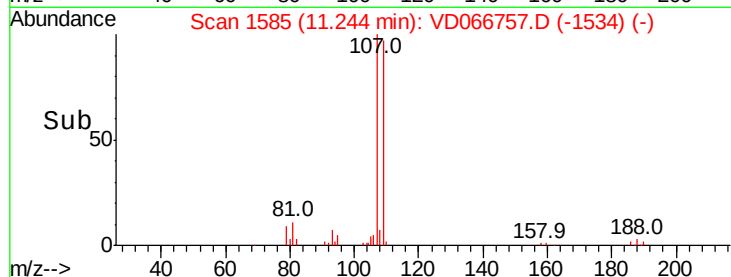
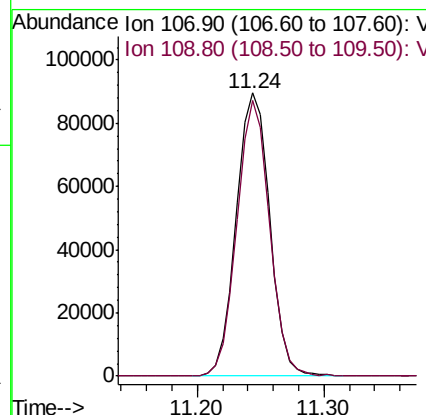
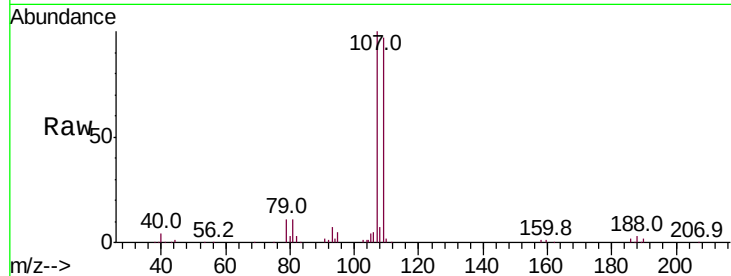




#61
 1,2-Dibromoethane
 Concen: 50.797 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066757.D
 Acq: 18 Sep 2020 11:06

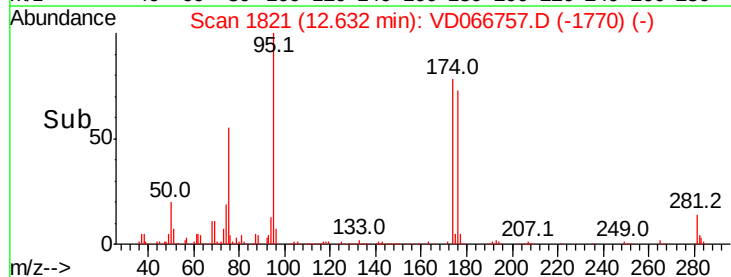
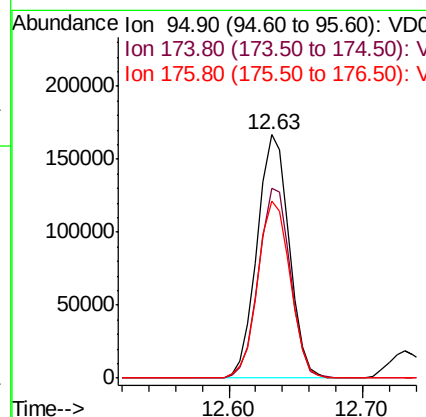
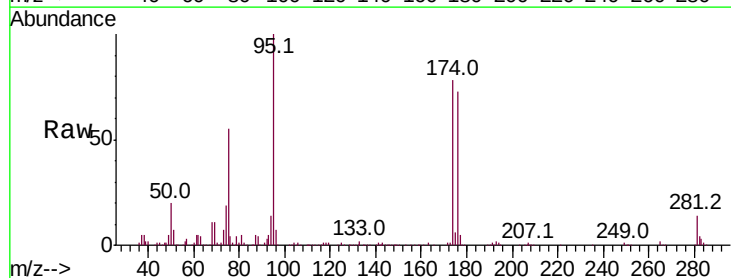
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

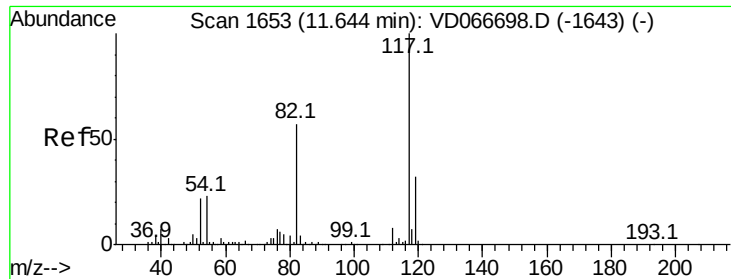
Tot Ion:107 Resp: 163250
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 54.349 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066757.D
 Acq: 18 Sep 2020 11:06

Tgt Ion: 95 Resp: 275572
 Ion Ratio Lower Upper
 95 100
 174 77.5 0.0 156.6
 176 73.8 0.0 150.2

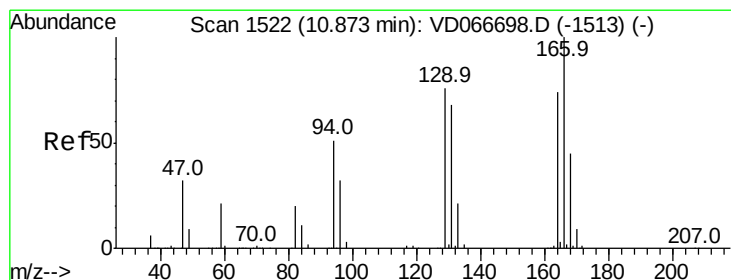
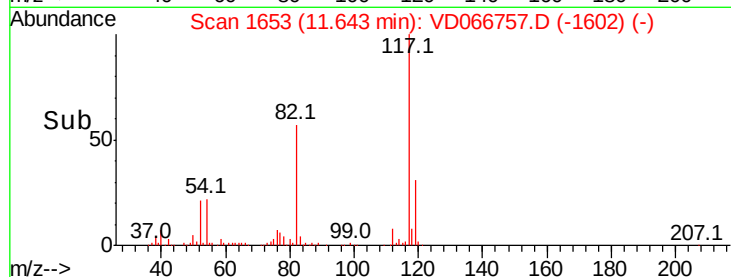
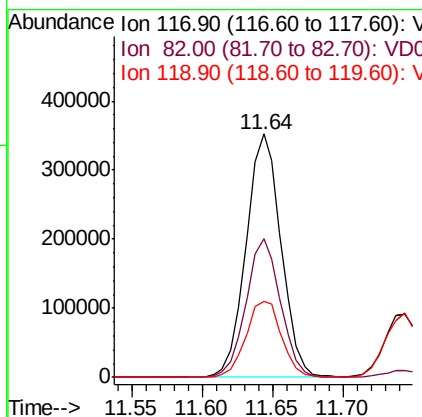
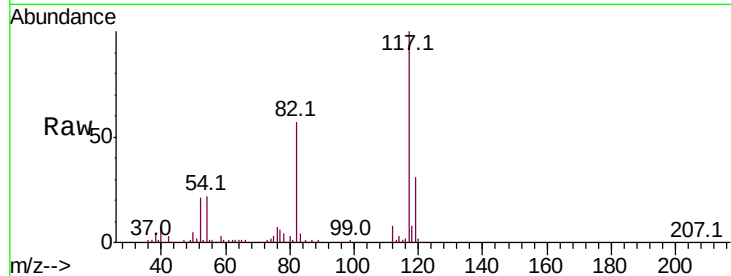




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

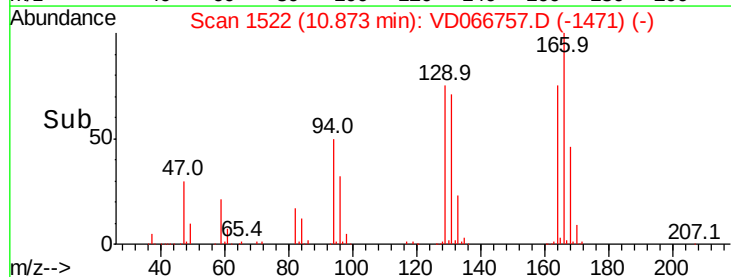
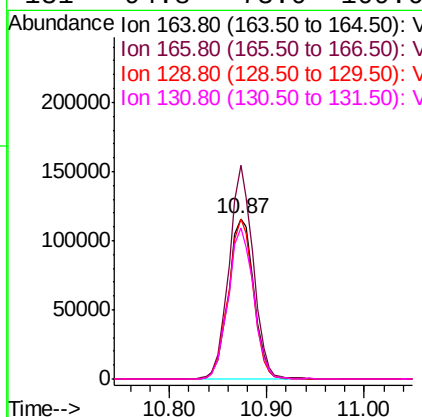
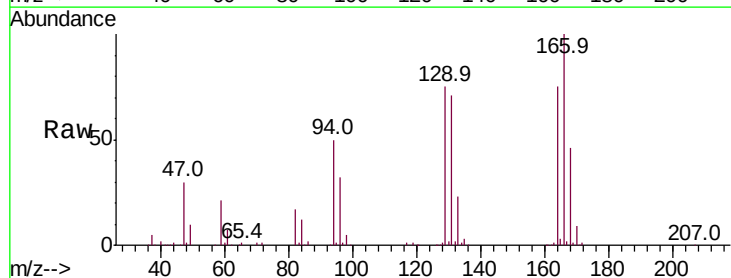
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

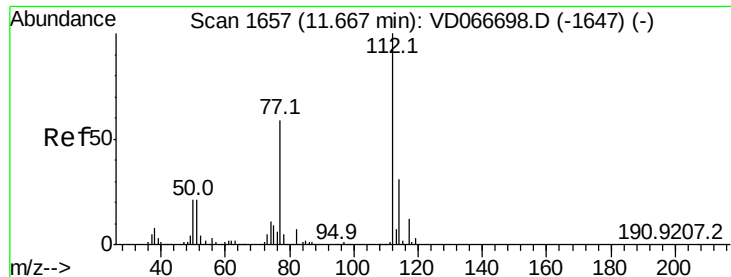
Tot Ion:117 Resp: 610853
Ion Ratio Lower Upper
117 100
82 56.8 45.4 68.0
119 31.3 25.8 38.6



#64
Tetrachloroethene
Concen: 50.222 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Tgt Ion:164 Resp: 209421
Ion Ratio Lower Upper
164 100
166 133.4 107.5 161.3
129 100.0 81.4 122.0
131 94.8 73.0 109.6

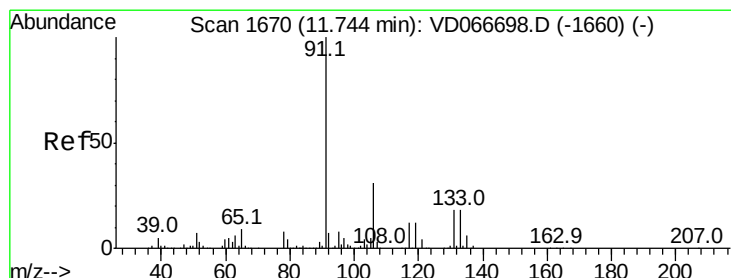
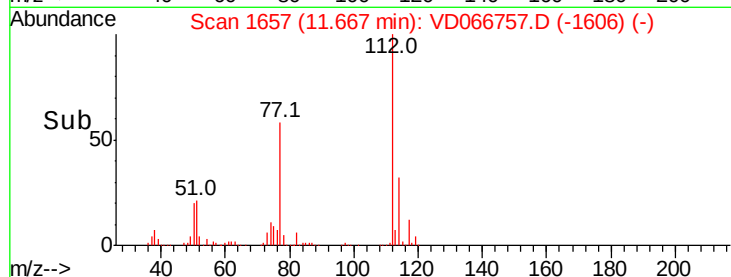
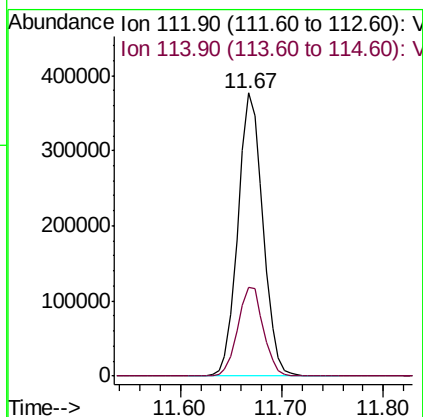
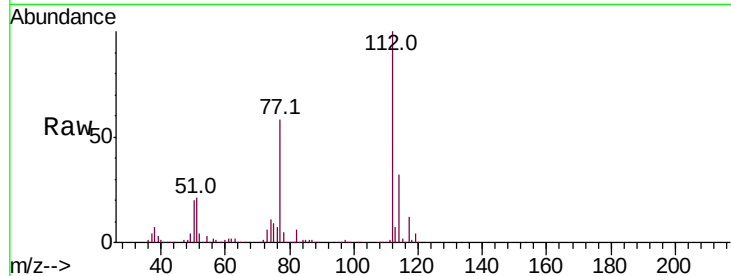




#65
Chlorobenzene
Concen: 50.838 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

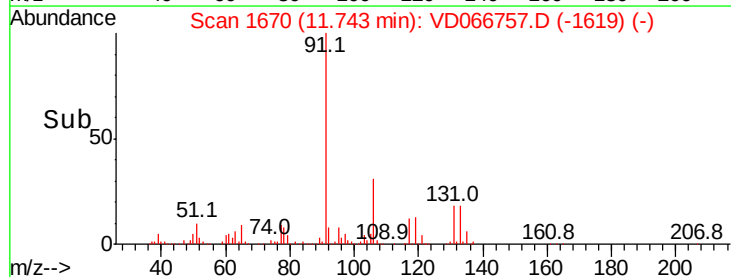
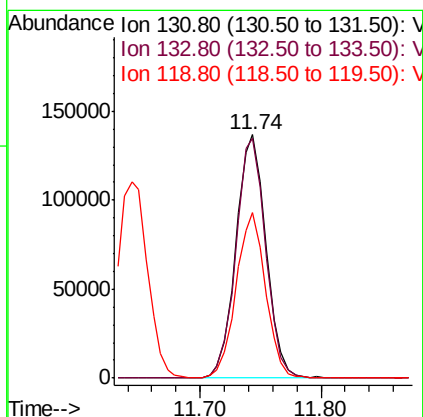
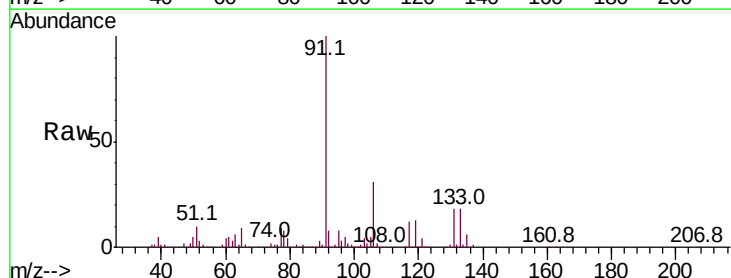
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

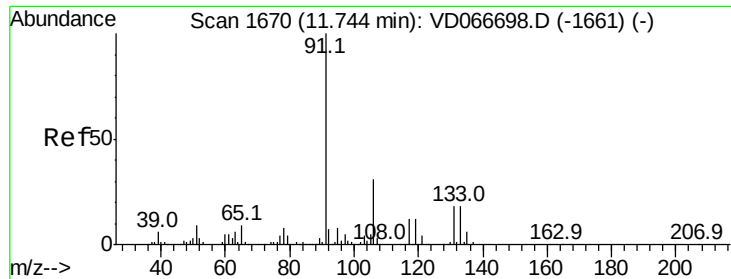
Tot Ion:112 Resp: 642955
Ion Ratio Lower Upper
112 100
114 31.6 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.885 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Tgt Ion:131 Resp: 237448
Ion Ratio Lower Upper
131 100
133 97.4 47.8 143.3
119 66.5 33.6 100.8





#67

Ethyl Benzene

Concen: 52.593 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

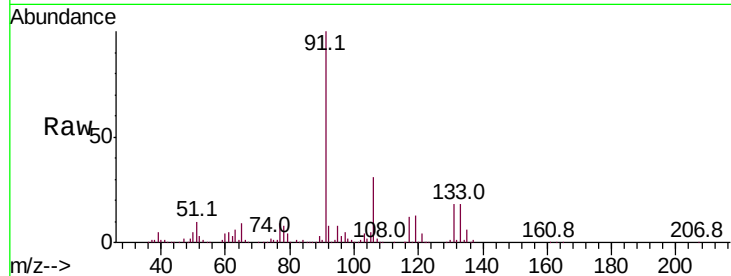
VSTDCCC050

Tot Ion: 91 Resp: 1204800

Ion Ratio Lower Upper

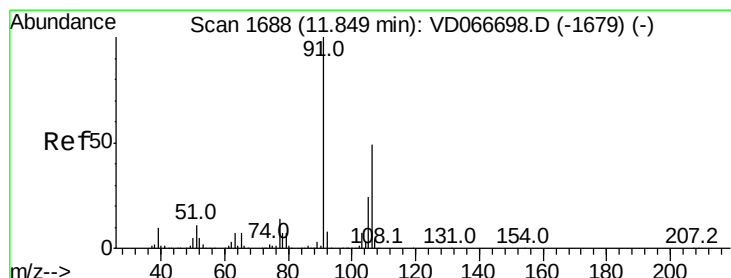
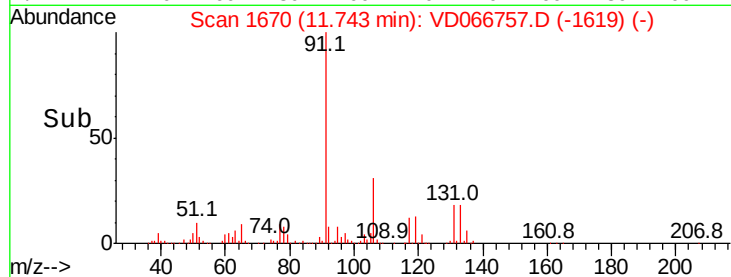
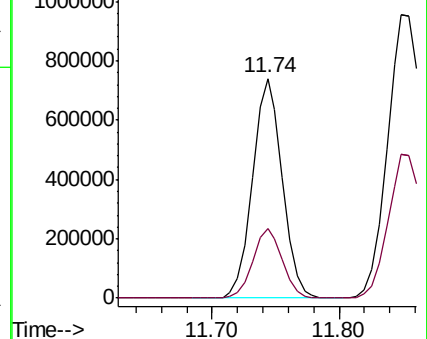
91 100

106 31.4 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 105.980 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VD066757.D

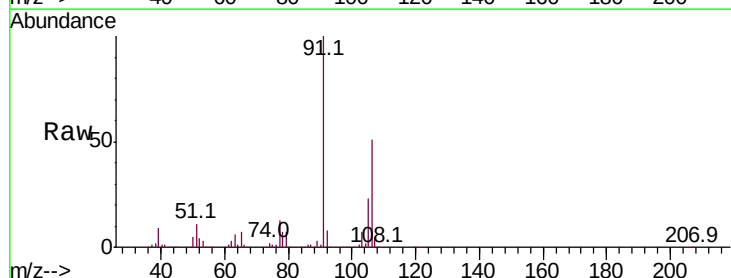
Acq: 18 Sep 2020 11:06

Tgt Ion:106 Resp: 917588

Ion Ratio Lower Upper

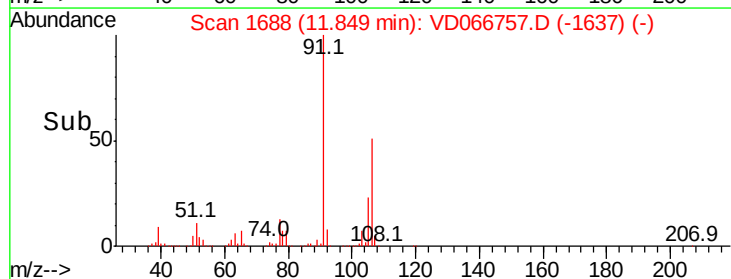
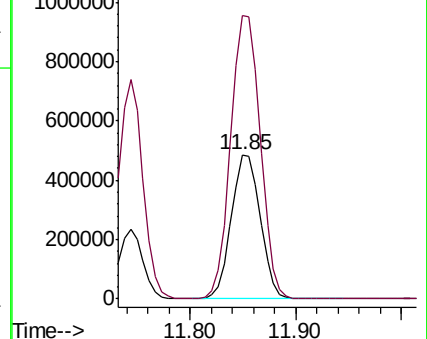
106 100

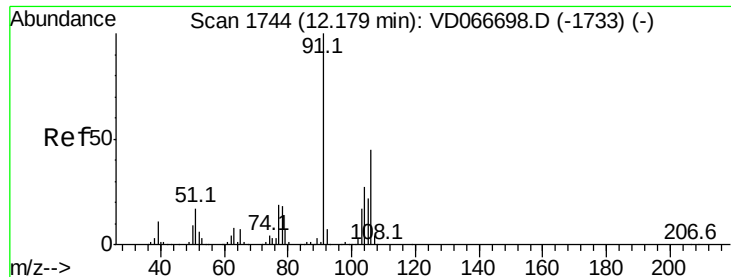
91 201.4 164.8 247.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC

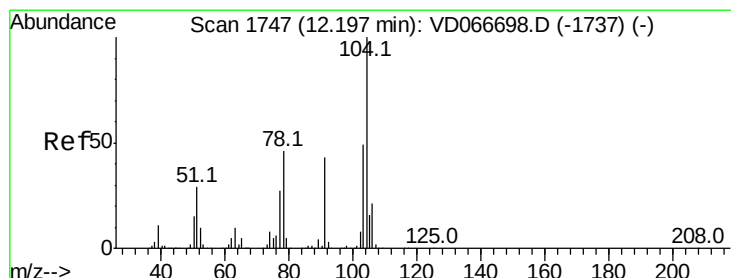
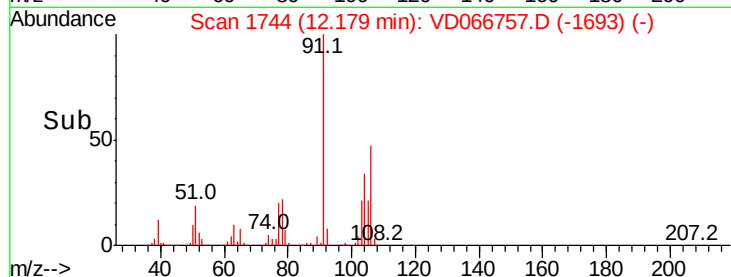
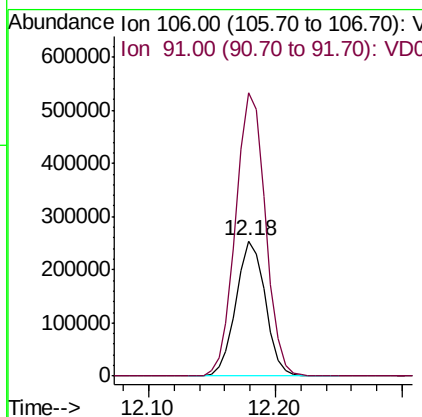
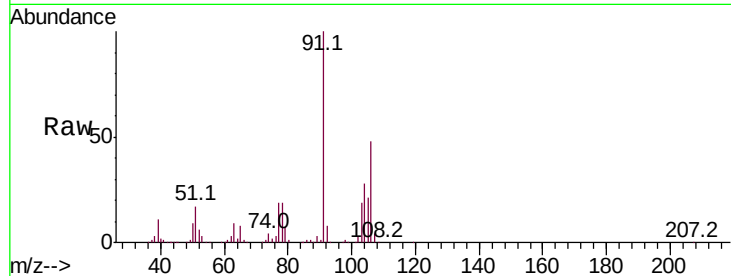




#69
o-Xylene
Concen: 53.336 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

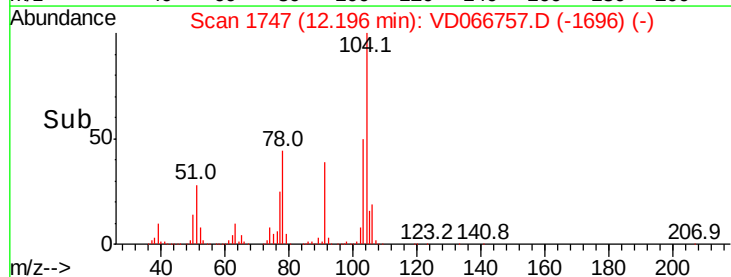
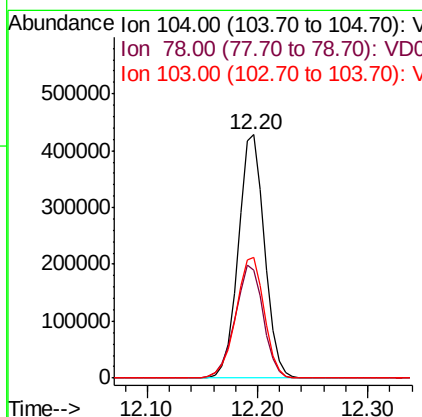
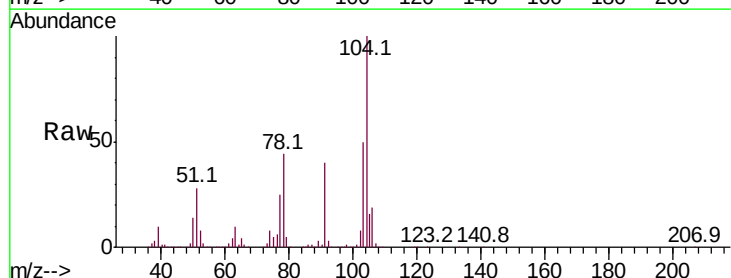
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

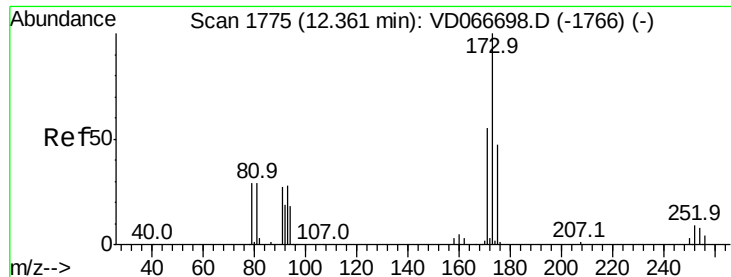
Tot Ion:106 Resp: 408086
Ion Ratio Lower Upper
106 100
91 212.4 109.4 328.2



#70
Styrene
Concen: 53.089 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Tgt Ion:104 Resp: 714925
Ion Ratio Lower Upper
104 100
78 49.9 40.2 60.4
103 53.7 42.5 63.7





#71

Bromoform

Concen: 51.600 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

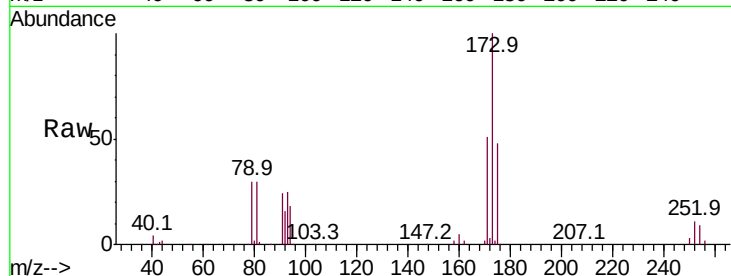
Tot Ion:173 Resp: 120840

Ion Ratio Lower Upper

173 100

175 48.7 24.3 72.8

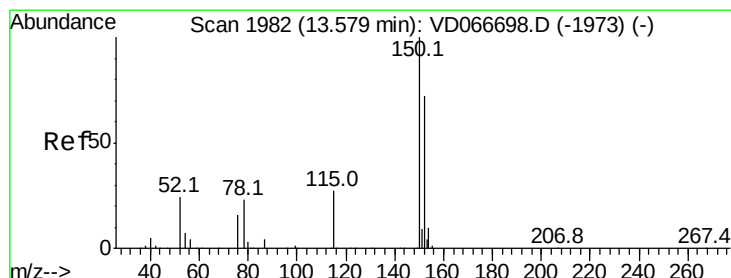
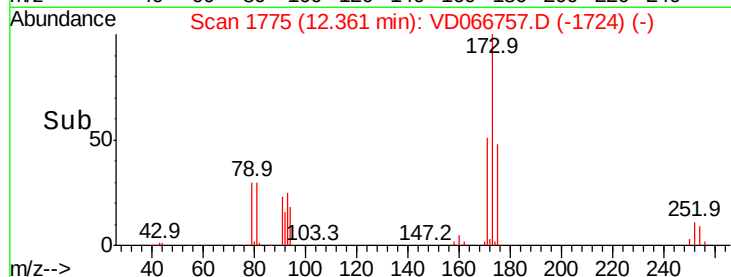
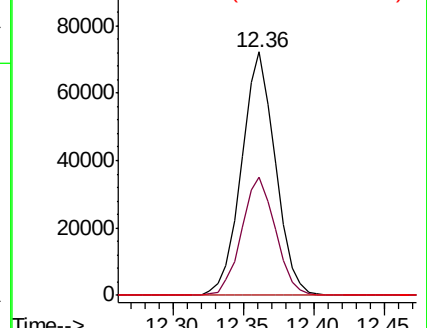
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

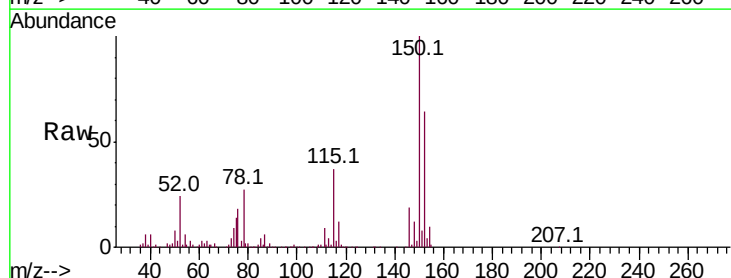
Tgt Ion:152 Resp: 286067

Ion Ratio Lower Upper

152 100

115 58.9 30.5 91.5

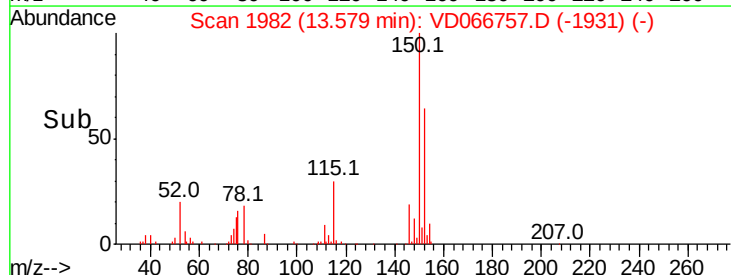
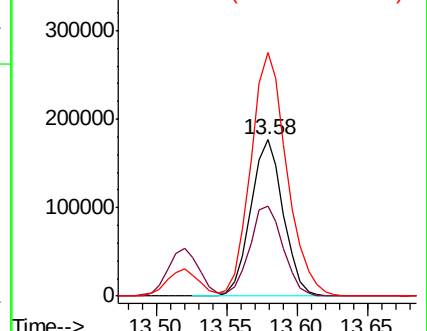
150 172.3 0.0 344.6

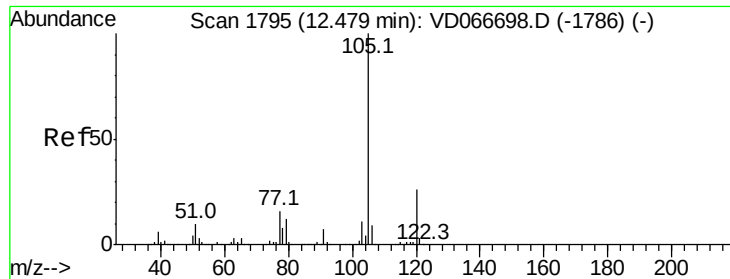


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.943 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

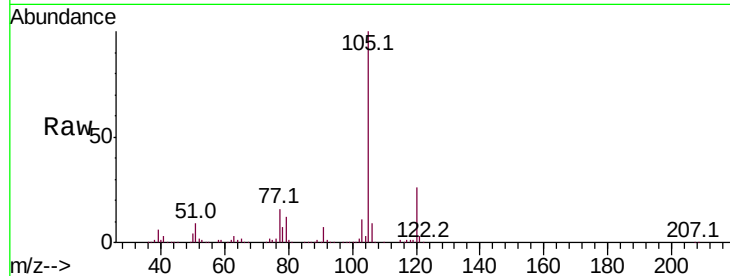
VSTDCCC050

Tot Ion:105 Resp: 1130637

Ion Ratio Lower Upper

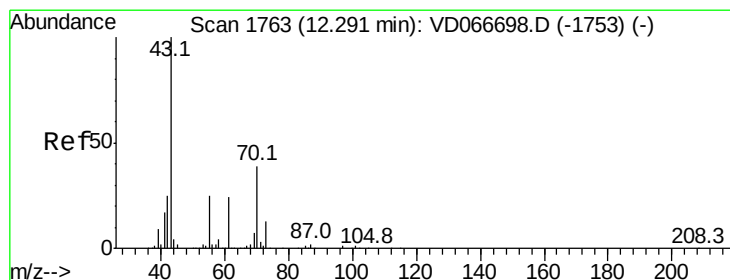
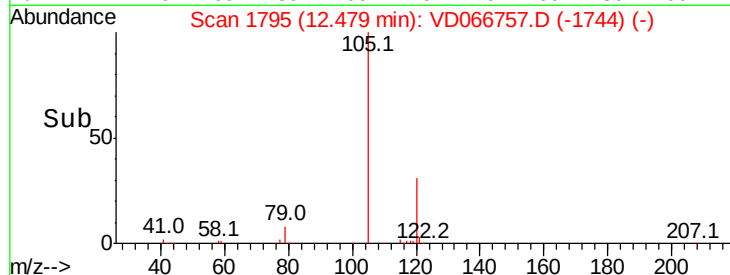
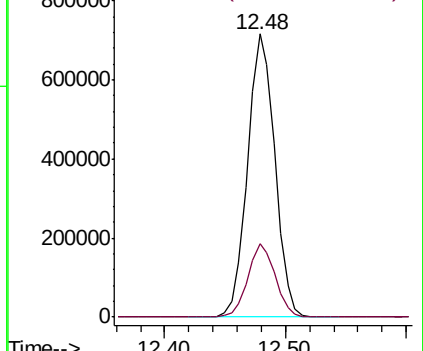
105 100

120 25.8 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.649 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Tgt Ion: 43 Resp: 228166

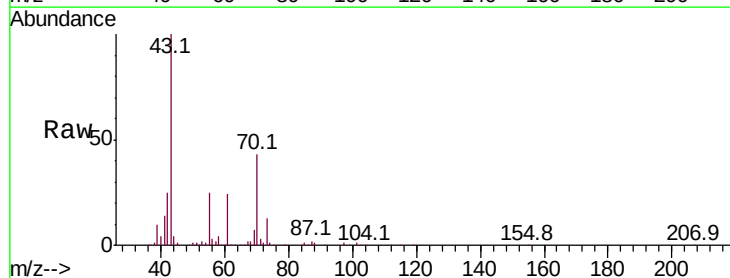
Ion Ratio Lower Upper

43 100

70 43.8 33.0 49.4

55 26.4 20.6 30.8

61 24.1 19.1 28.7

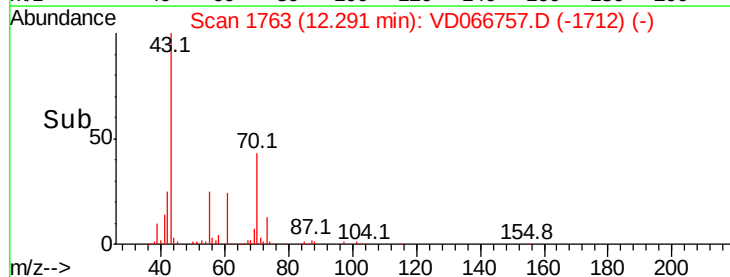
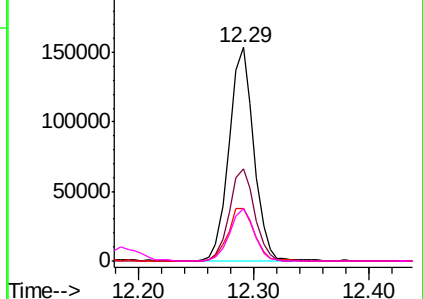


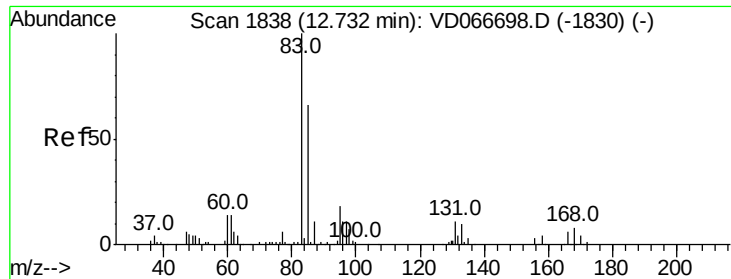
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 49.619 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

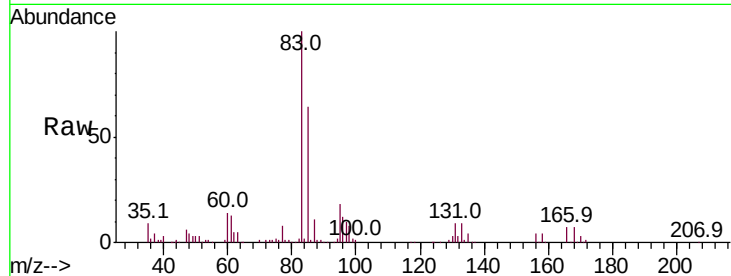
Tot Ion: 83 Resp: 180061

Ion Ratio Lower Upper

83 100

131 10.8 5.8 17.3

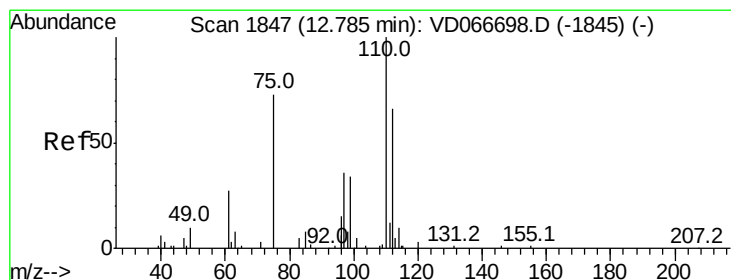
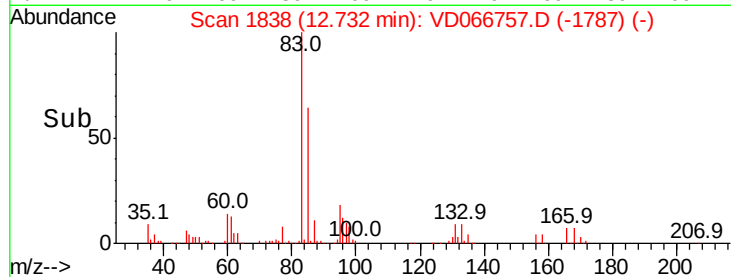
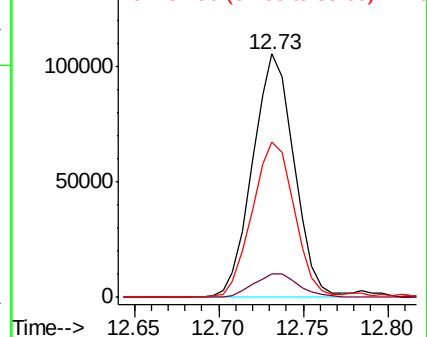
85 66.2 33.3 99.8



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: 100.408 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066757.D

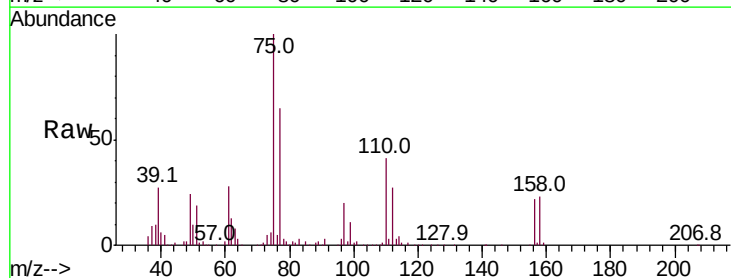
Acq: 18 Sep 2020 11:06

Tgt Ion: 75 Resp: 245860

Ion Ratio Lower Upper

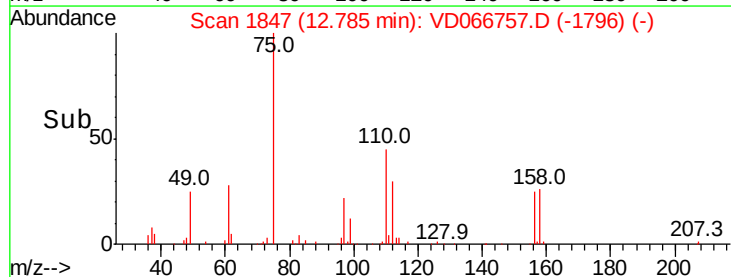
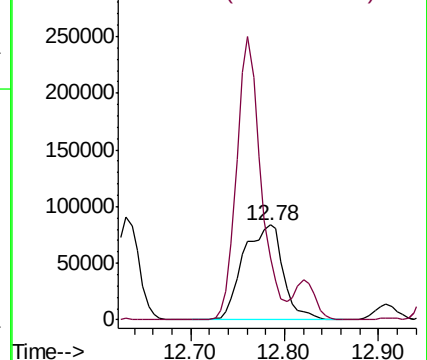
75 100

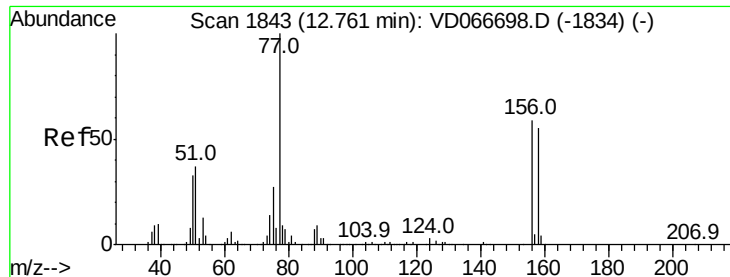
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 50.142 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

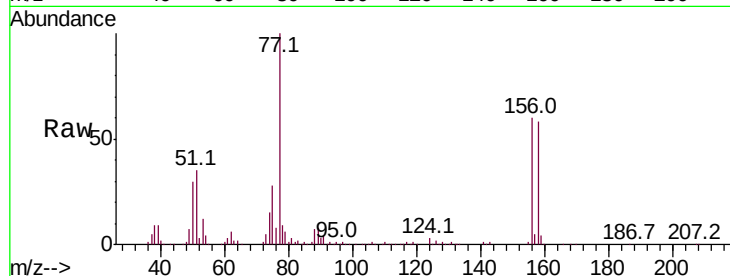
Tot Ion:156 Resp: 246803

Ion Ratio Lower Upper

156 100

77 183.3 95.8 287.3

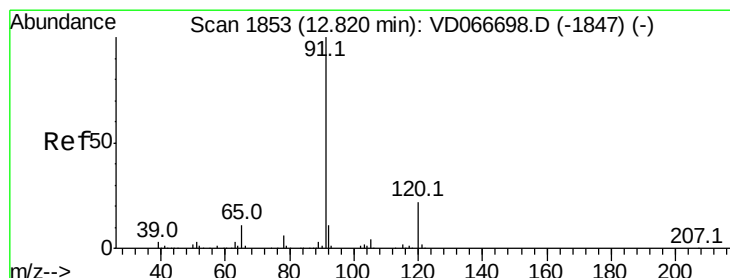
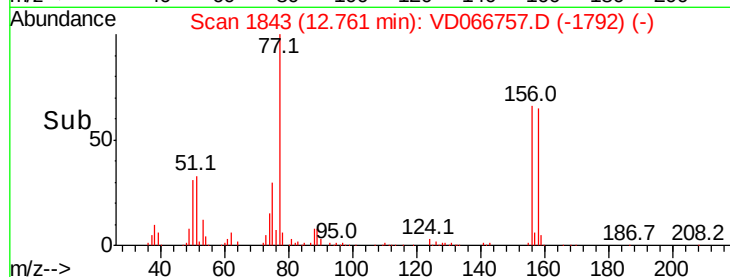
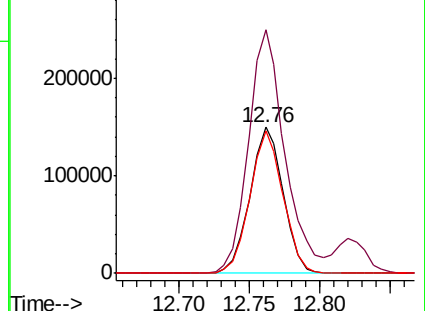
158 97.4 48.4 145.0



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: 52.403 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066757.D

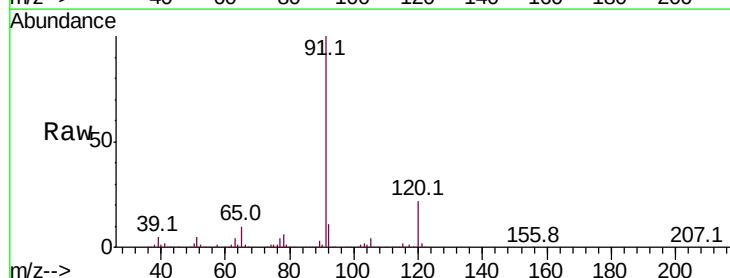
Acq: 18 Sep 2020 11:06

Tgt Ion: 91 Resp: 1364190

Ion Ratio Lower Upper

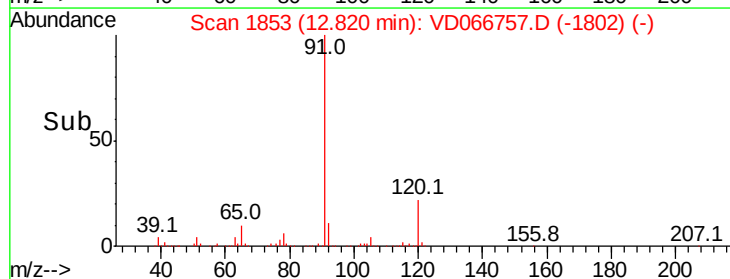
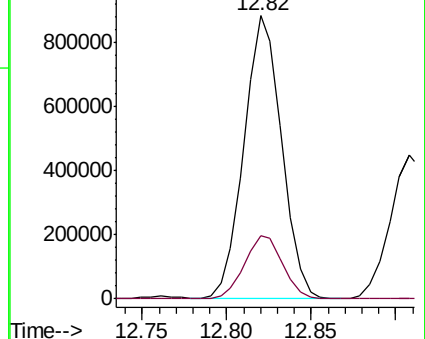
91 100

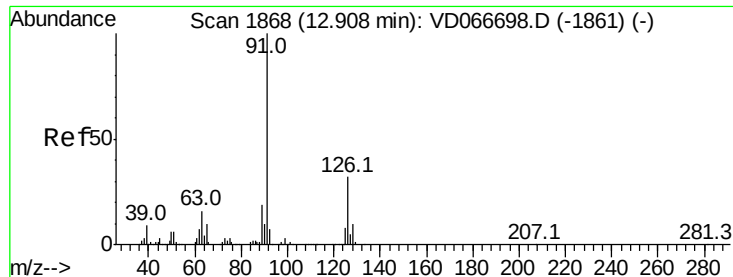
120 22.6 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.343 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

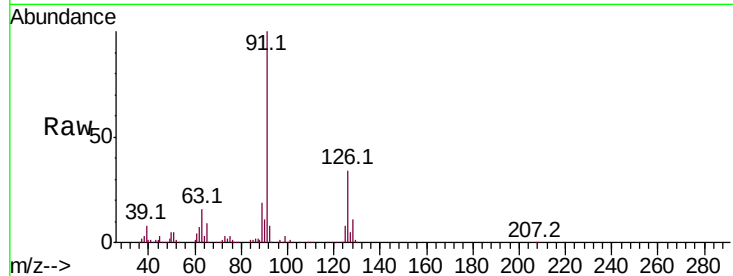
VSTDCCC050

Tot Ion: 91 Resp: 755779

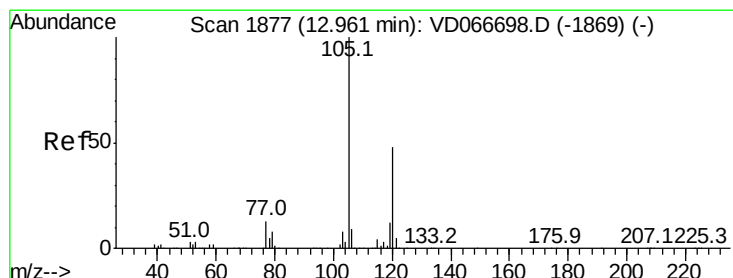
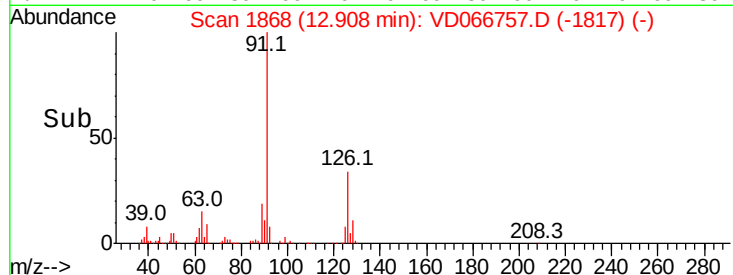
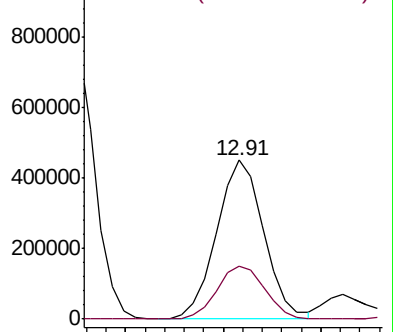
Ion Ratio Lower Upper

91 100

126 33.7 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 52.653 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066757.D

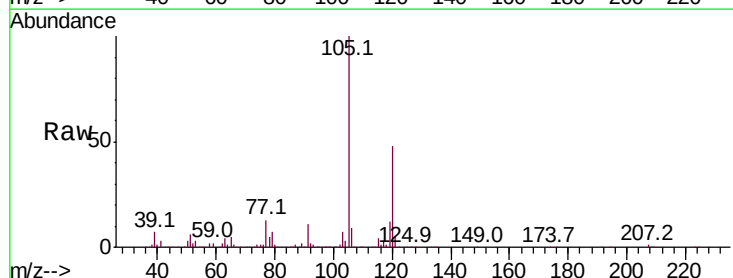
Acq: 18 Sep 2020 11:06

Tgt Ion:105 Resp: 950735

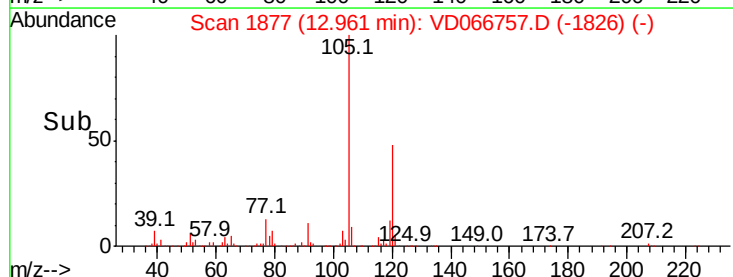
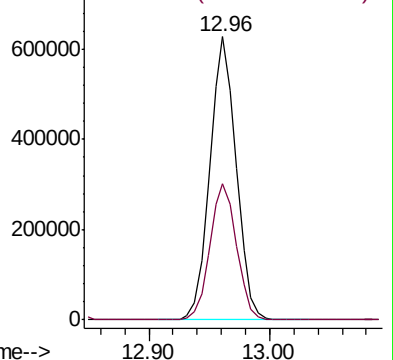
Ion Ratio Lower Upper

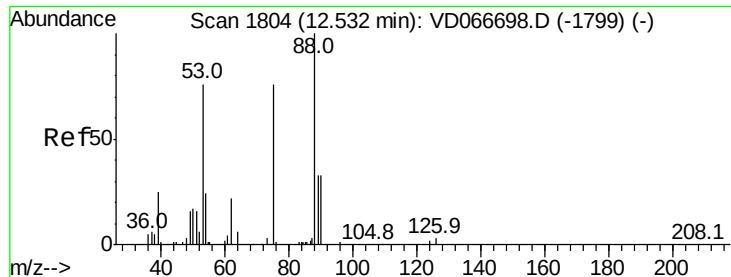
105 100

120 48.7 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 51.510 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

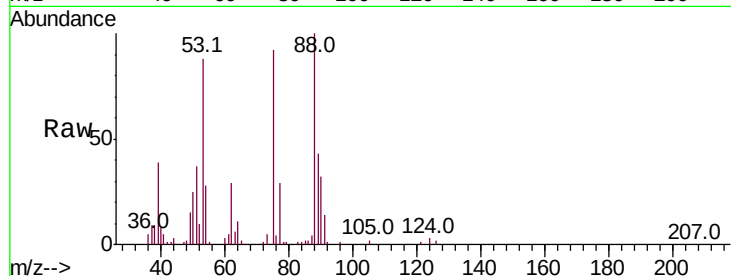
Tot Ion: 75 Resp: 58442

Ion Ratio Lower Upper

75 100

53 103.7 82.2 123.4

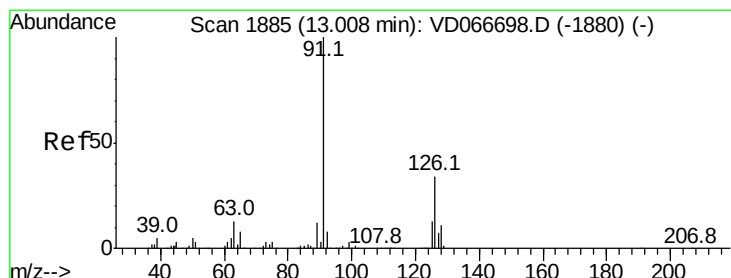
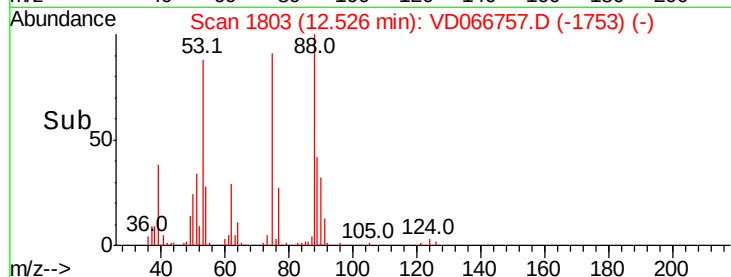
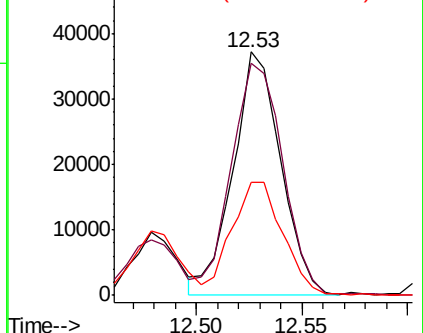
89 50.0 39.6 59.4



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: 50.783 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066757.D

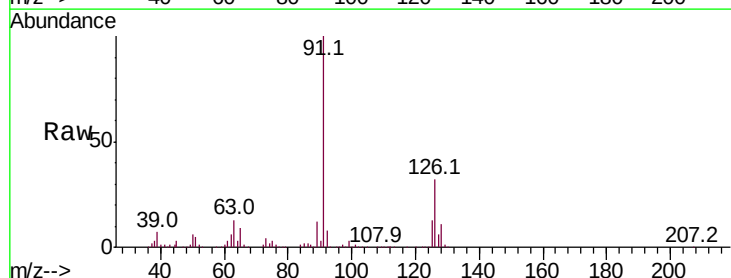
Acq: 18 Sep 2020 11:06

Tgt Ion: 91 Resp: 790415

Ion Ratio Lower Upper

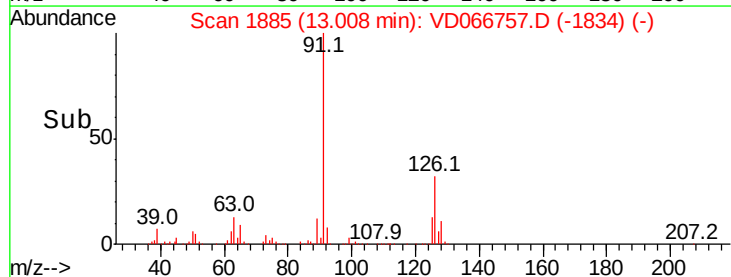
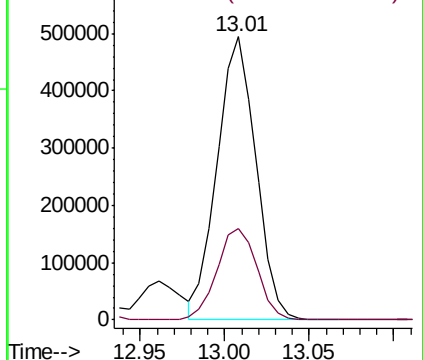
91 100

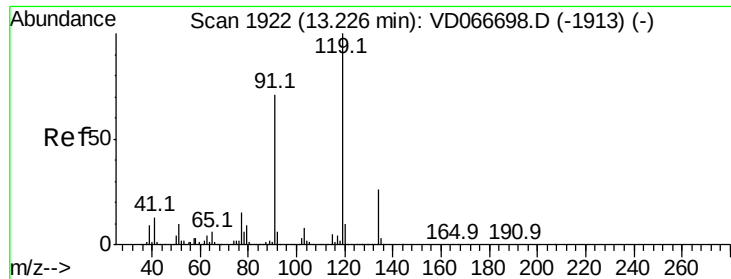
126 33.5 16.8 50.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

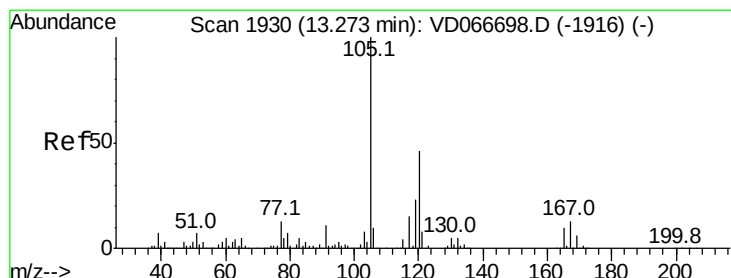
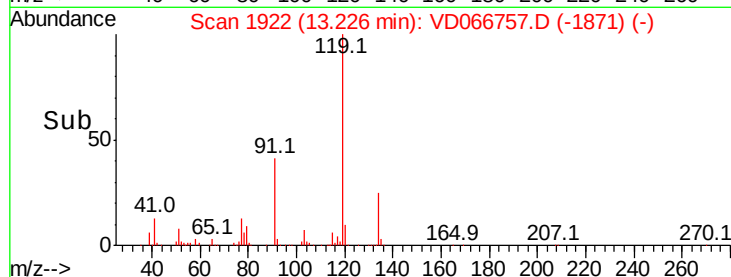
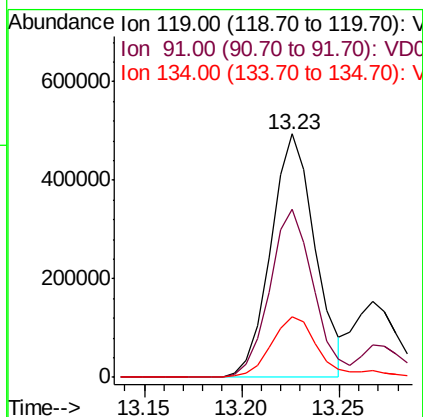
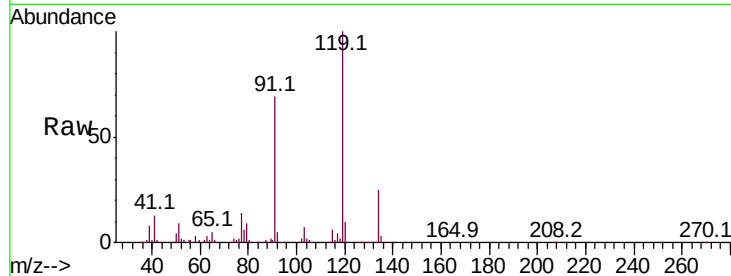




#83
 tert-Butylbenzene
 Concen: 52.106 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD066757.D
 Acq: 18 Sep 2020 11:06

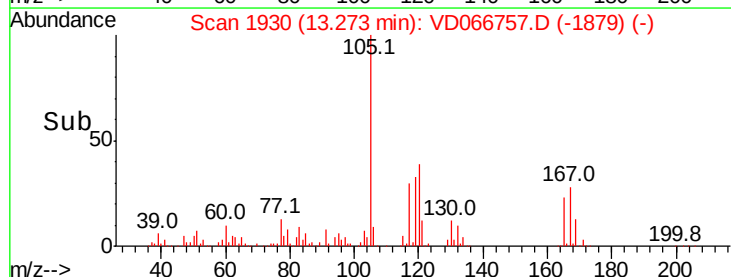
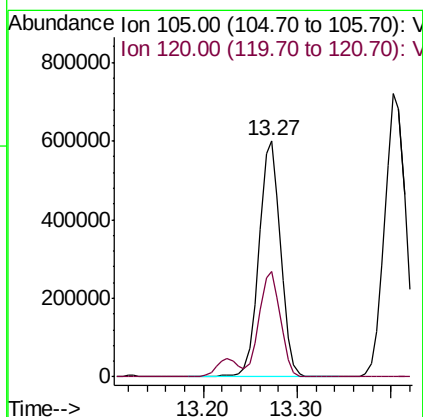
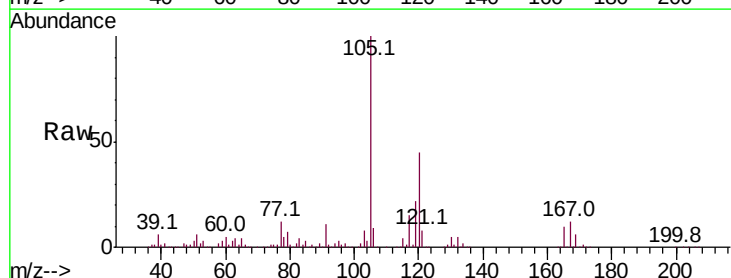
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

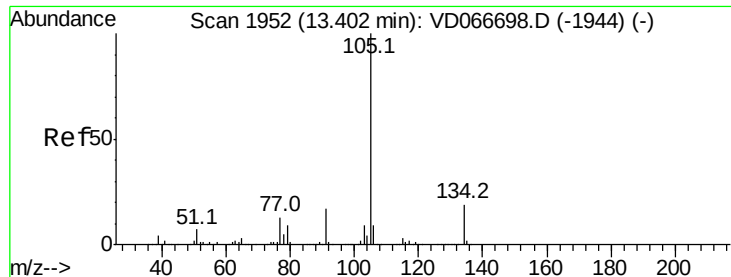
Tot Ion:119 Resp: 775462
 Ion Ratio Lower Upper
 119 100
 91 68.4 35.0 105.1
 134 27.4 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 52.683 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD066757.D
 Acq: 18 Sep 2020 11:06

Tgt Ion:105 Resp: 950684
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.4 67.2





#85

sec-Butylbenzene

Concen: 52.641 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

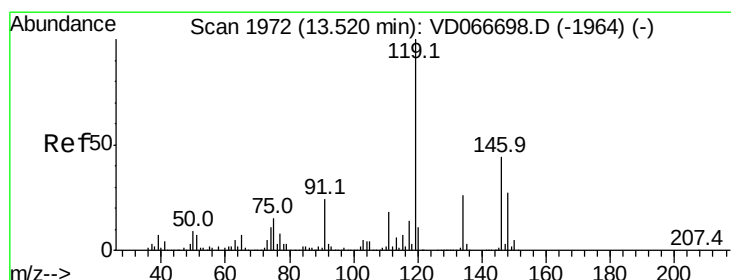
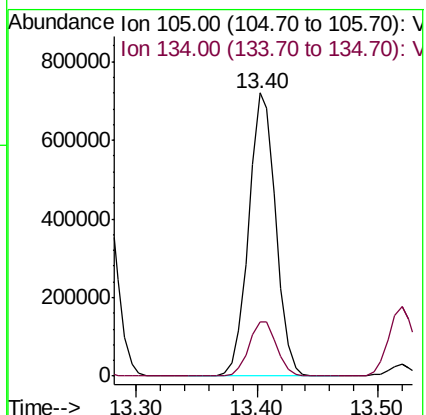
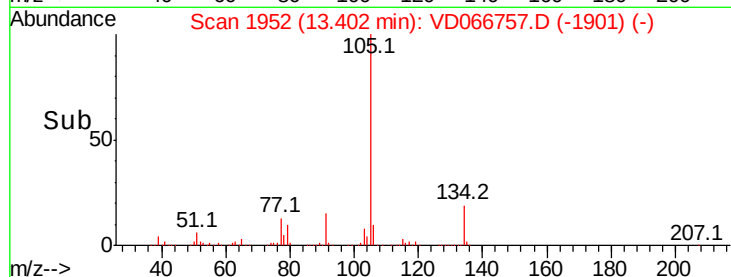
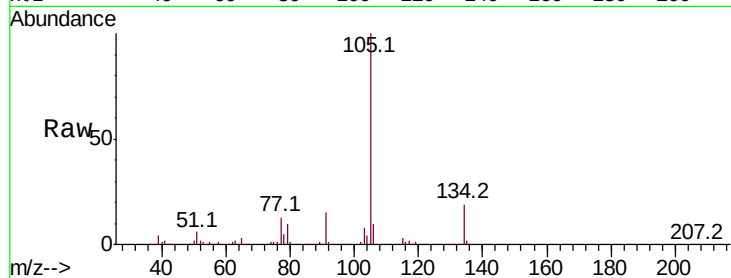
VSTDCCC050

Tot Ion:105 Resp: 1123152

Ion Ratio Lower Upper

105 100

134 19.7 10.0 30.0



#86

p-Isopropyltoluene

Concen: 53.380 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

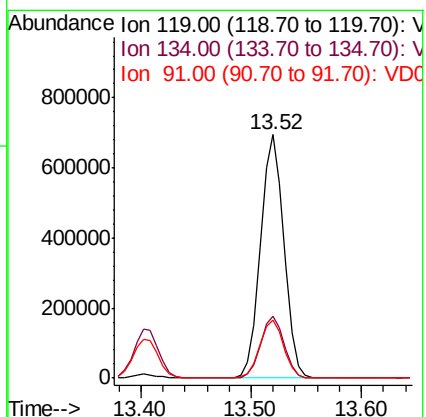
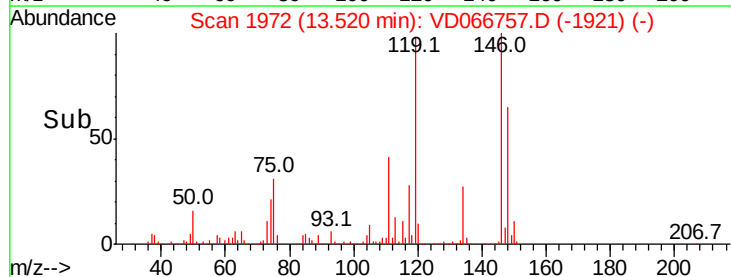
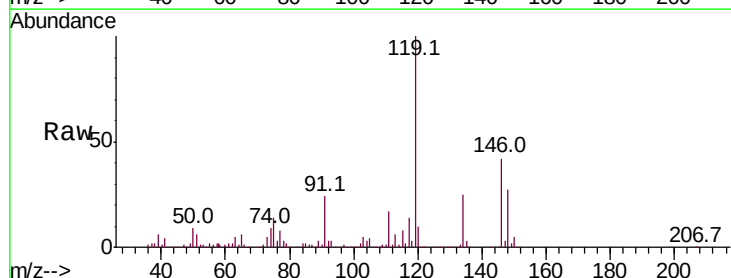
Tgt Ion:119 Resp: 1035410

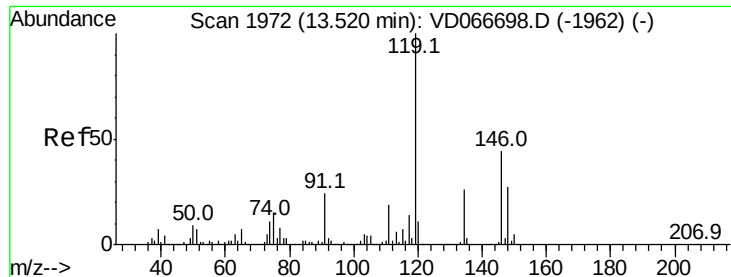
Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.7

91 24.2 12.3 36.9

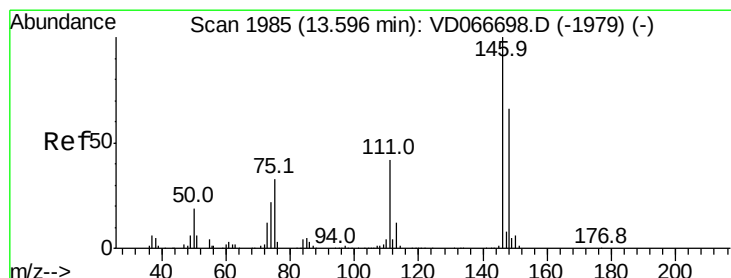
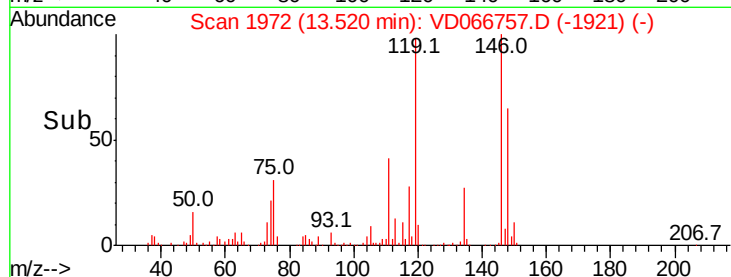
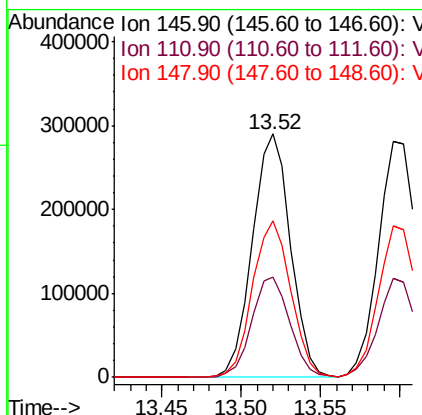
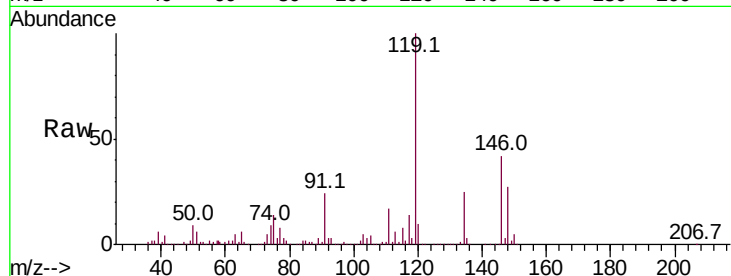




#87
 1,3-Dichlorobenzene
 Concen: 51.514 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066757.D
 Acq: 18 Sep 2020 11:06

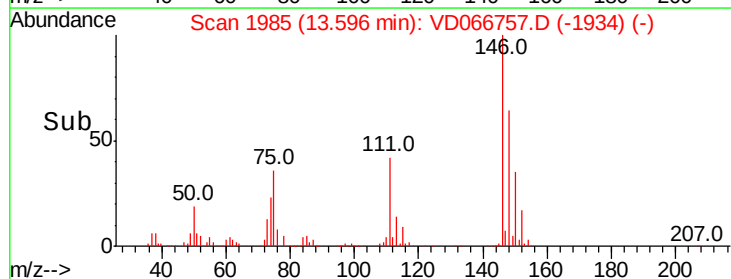
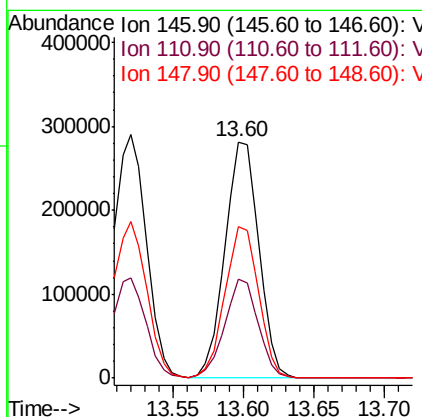
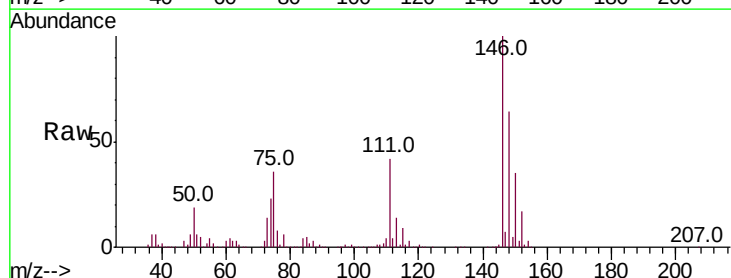
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

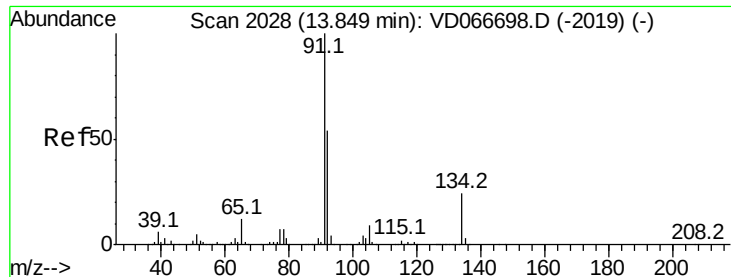
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	21.1	63.3
148	64.5	31.4	94.2



#88
 1,4-Dichlorobenzene
 Concen: 50.140 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066757.D
 Acq: 18 Sep 2020 11:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.5	61.6
148	63.7	32.7	98.1

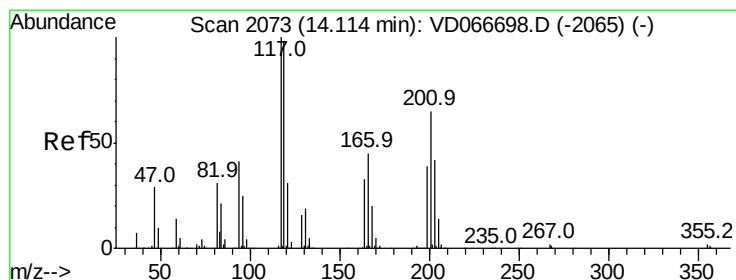
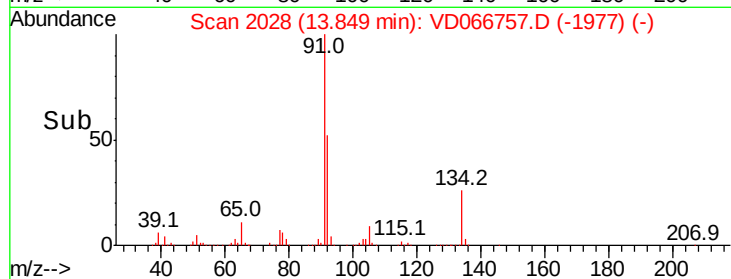
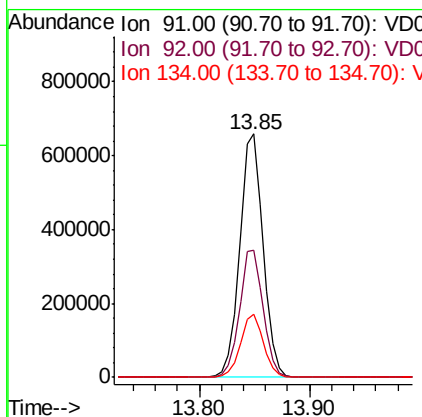
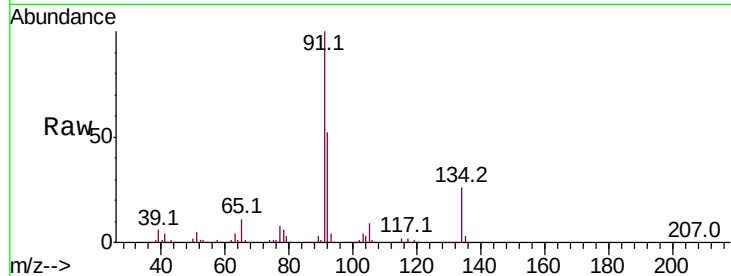




#89
n-Butylbenzene
Concen: 52.922 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

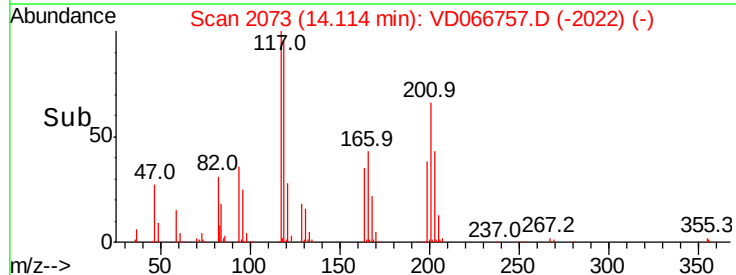
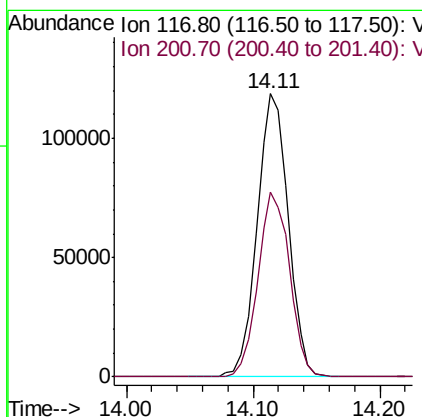
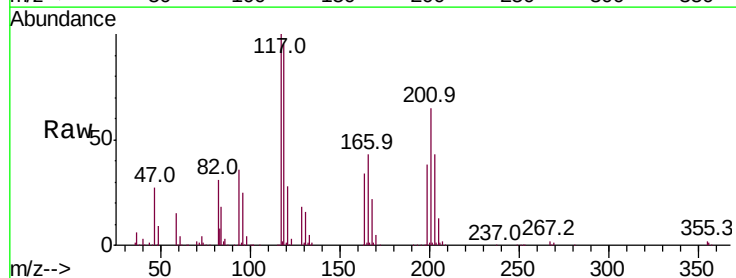
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

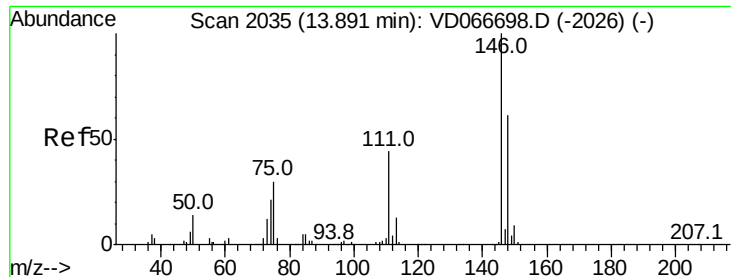
Tot Ion: 91 Resp: 976103
Ion Ratio Lower Upper
91 100
92 52.7 27.0 81.0
134 25.6 12.4 37.0



#90
Hexachloroethane
Concen: 50.873 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Tgt Ion: 117 Resp: 202713
Ion Ratio Lower Upper
117 100
201 66.3 33.1 99.3

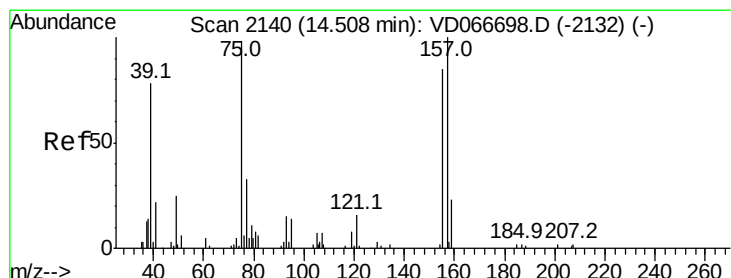
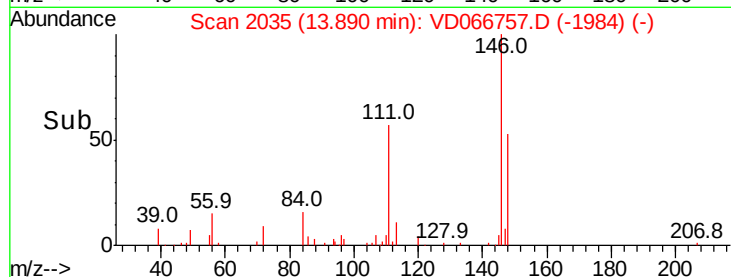
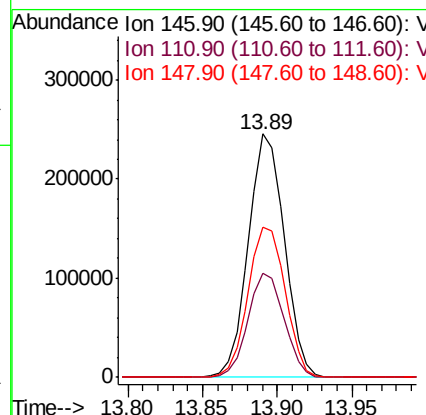
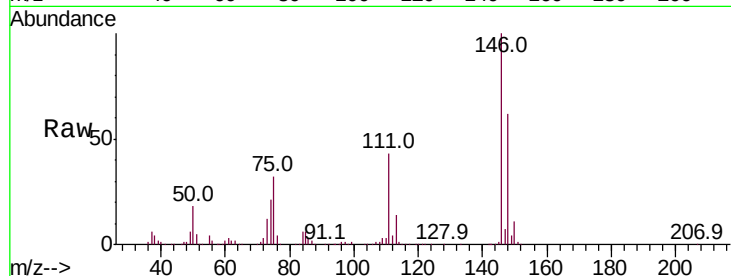




#91
 1,2-Dichlorobenzene
 Concen: 50.648 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066757.D
 Acq: 18 Sep 2020 11:06

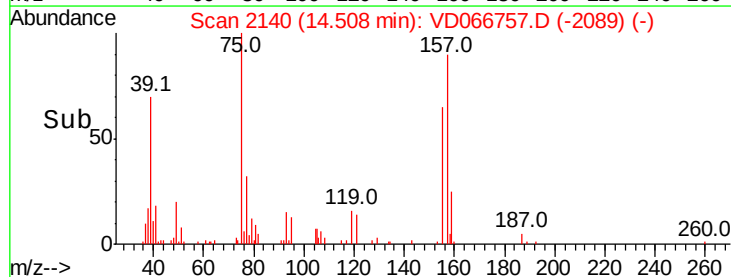
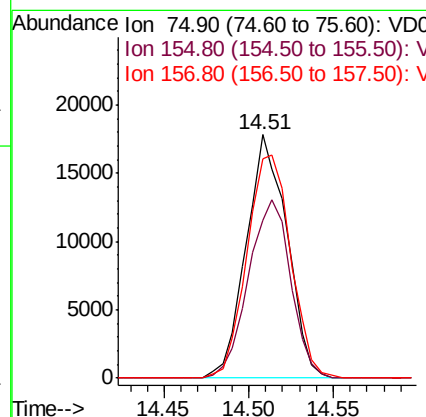
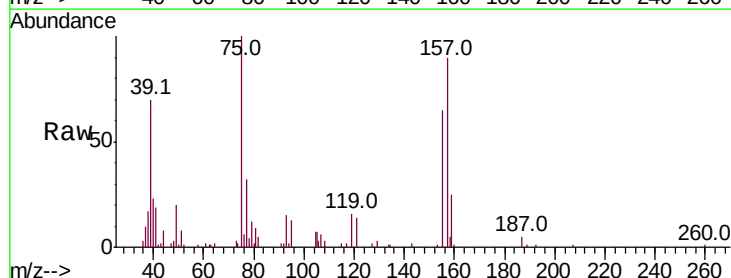
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

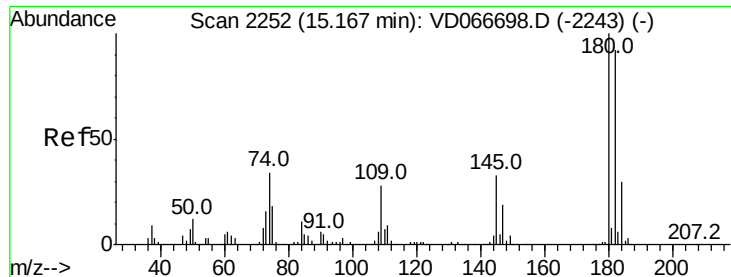
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.6	64.6
148	64.0	31.4	94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.004 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: VD066757.D
 Acq: 18 Sep 2020 11:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.8	38.9	116.7
157	98.3	46.4	139.2

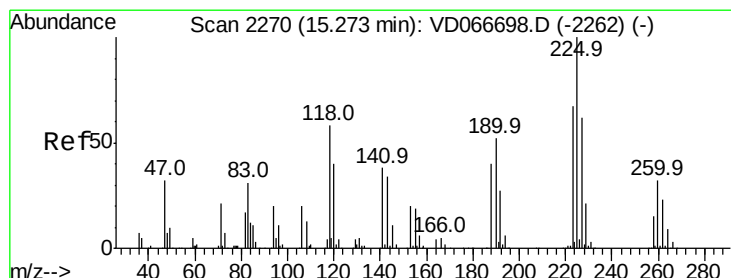
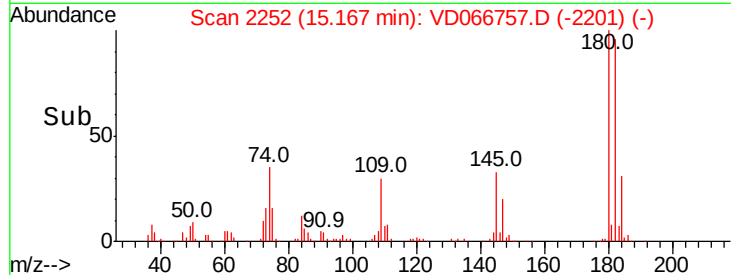
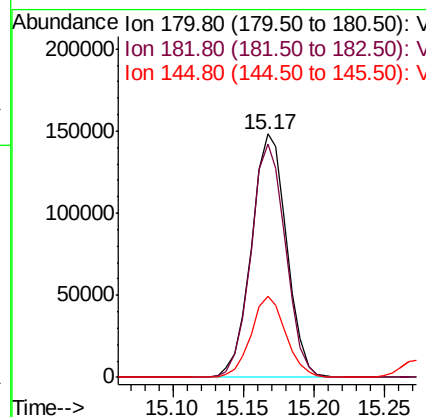
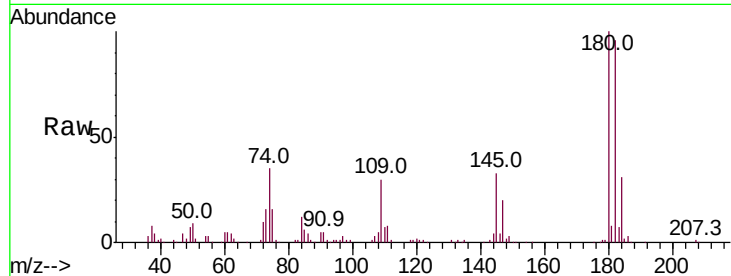




#93
 1,2,4-Trichlorobenzene
 Concen: 53.022 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066757.D
 Acq: 18 Sep 2020 11:06

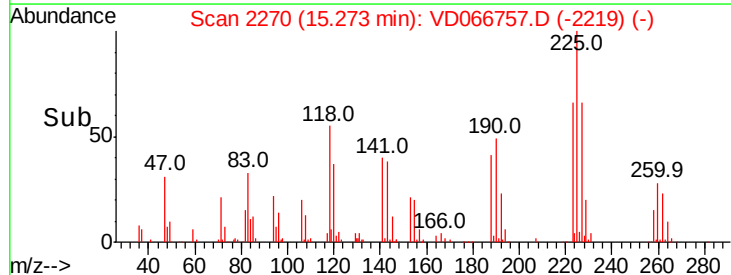
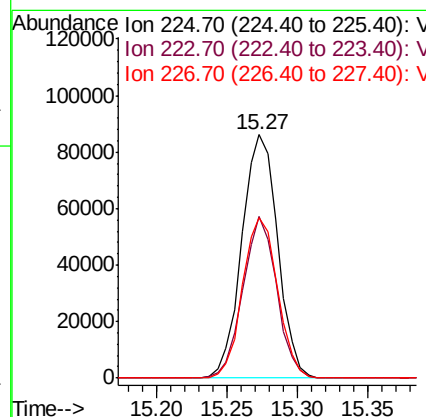
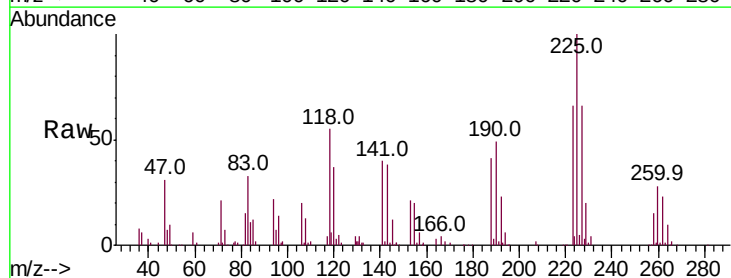
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

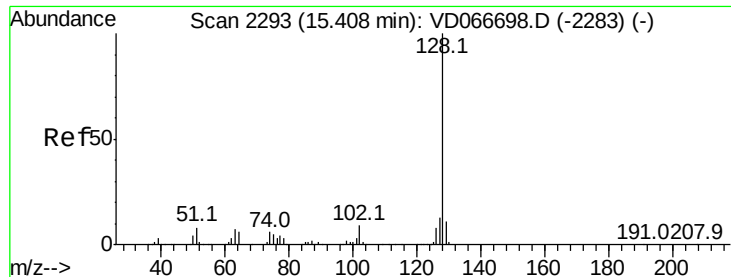
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	46.6	139.7
145	32.8	16.5	49.5



#94
 Hexachlorobutadiene
 Concen: 52.123 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066757.D
 Acq: 18 Sep 2020 11:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.9	95.9
227	64.1	31.3	93.9

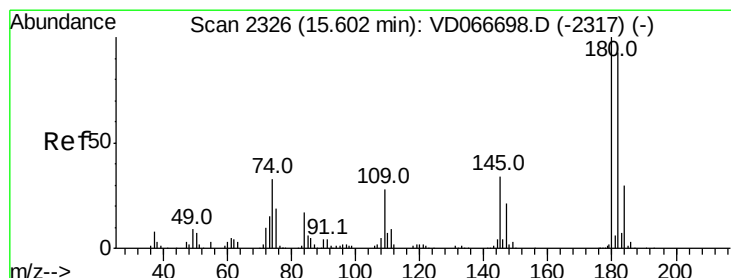
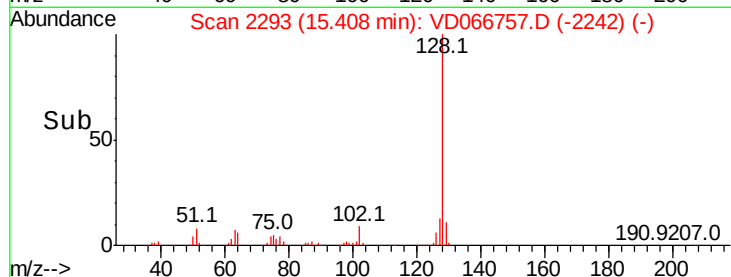
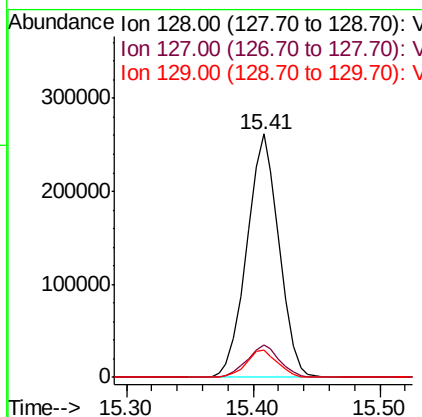
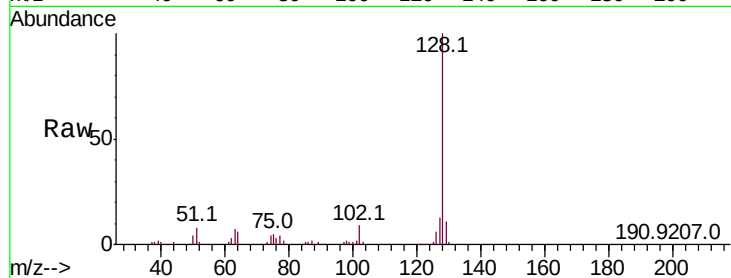




#95
Naphthalene
Concen: 53.850 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 460450
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 11.1 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 51.572 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Tgt Ion:180 Resp: 220451
Ion Ratio Lower Upper
180 100
182 95.7 46.6 139.8
145 33.6 17.1 51.3

