

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073020\
 Data File : VD066108.D
 Acq On : 30 Jul 2020 13:46
 Operator : VA/SY
 Sample : L3481-02
 Misc : 7.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ROLLOFF-72-12012

Quant Time: Jul 31 01:55:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	251781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	395462	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	440777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	227095	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	106640	52.05	ug/l	0.00
Spiked Amount			Recovery	=	104.10%	
35) Dibromofluoromethane	7.91	113	118771	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	
50) Toluene-d8	10.34	98	512566	57.36	ug/l	0.00
Spiked Amount			Recovery	=	114.72%	
62) 4-Bromofluorobenzene	12.64	95	239329	77.25	ug/l	0.00
Spiked Amount			Recovery	=	154.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.79	94	143	Below Cal	#	4
10) Methyl Iodide	4.30	142	80	8.842	ug/l #	42
13) Acrolein	3.88	56	472	2.735	ug/l #	1
16) Acetone	4.16	43	2502	6.033	ug/l #	71
17) Carbon Disulfide	4.41	76	8645	1.280	ug/l #	90
31) Cyclohexane	7.97	56	7791	2.114	ug/l #	58
36) 1,1-Dichloropropene	7.98	75	16972	5.029	ug/l #	52
38) Carbon Tetrachloride	7.98	117	23478	6.411	ug/l #	17
40) Benzene	8.35	78	129147	13.678	ug/l	99
43) Isopropyl Acetate	8.50	43	28939	11.495	ug/l #	50
47) Bromodichloromethane	9.64	83	5708	1.754	ug/l #	36
48) Methyl methacrylate	9.49	41	8973	7.066	ug/l #	36
51) 4-Methyl-2-Pentanone	10.33	43	9028	7.117	ug/l	91
52) Toluene	10.40	92	40389	6.559	ug/l	98
55) 1,1,2-Trichloroethane	10.78	97	72497	41.522	ug/l #	39
56) Ethyl methacrylate	10.63	69	11189	5.512	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.91	63	1474	1.520	ug/l	97
59) 2-Hexanone	10.96	43	257897	293.391	ug/l #	32
60) Dibromochloromethane	11.06	129	3078	1.307	ug/l	91
67) Ethyl Benzene	11.75	91	70901	5.105	ug/l	95
68) m/p-Xylenes	11.86	106	57015	10.681	ug/l	98
69) o-Xylene	12.18	106	7626	1.571	ug/l	59
73) Isopropylbenzene	12.48	105	136205	9.912	ug/l	98
74) N-aryl acetate	12.27	43	458986	161.095	ug/l #	66
75) 1,1,2,2-Tetrachloroethane	12.72	83	18205	8.016	ug/l #	1
76) 1,2,3-Trichloropropane	12.83	75	3701	2.164	ug/l #	100
78) n-propylbenzene	12.83	91	478610	30.015	ug/l	99
79) 2-Chlorotoluene	12.83	91	478610	52.538	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.96	105	12525	1.109	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.64	75	103628	139.066	ug/l #	12
82) 4-Chlorotoluene	12.83	91	478610	49.775	ug/l #	39
83) tert-Butylbenzene	13.23	119	25046	2.535	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	39899	3.582	ug/l	95
85) sec-Butylbenzene	13.41	105	340583	25.029	ug/l #	54

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Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration

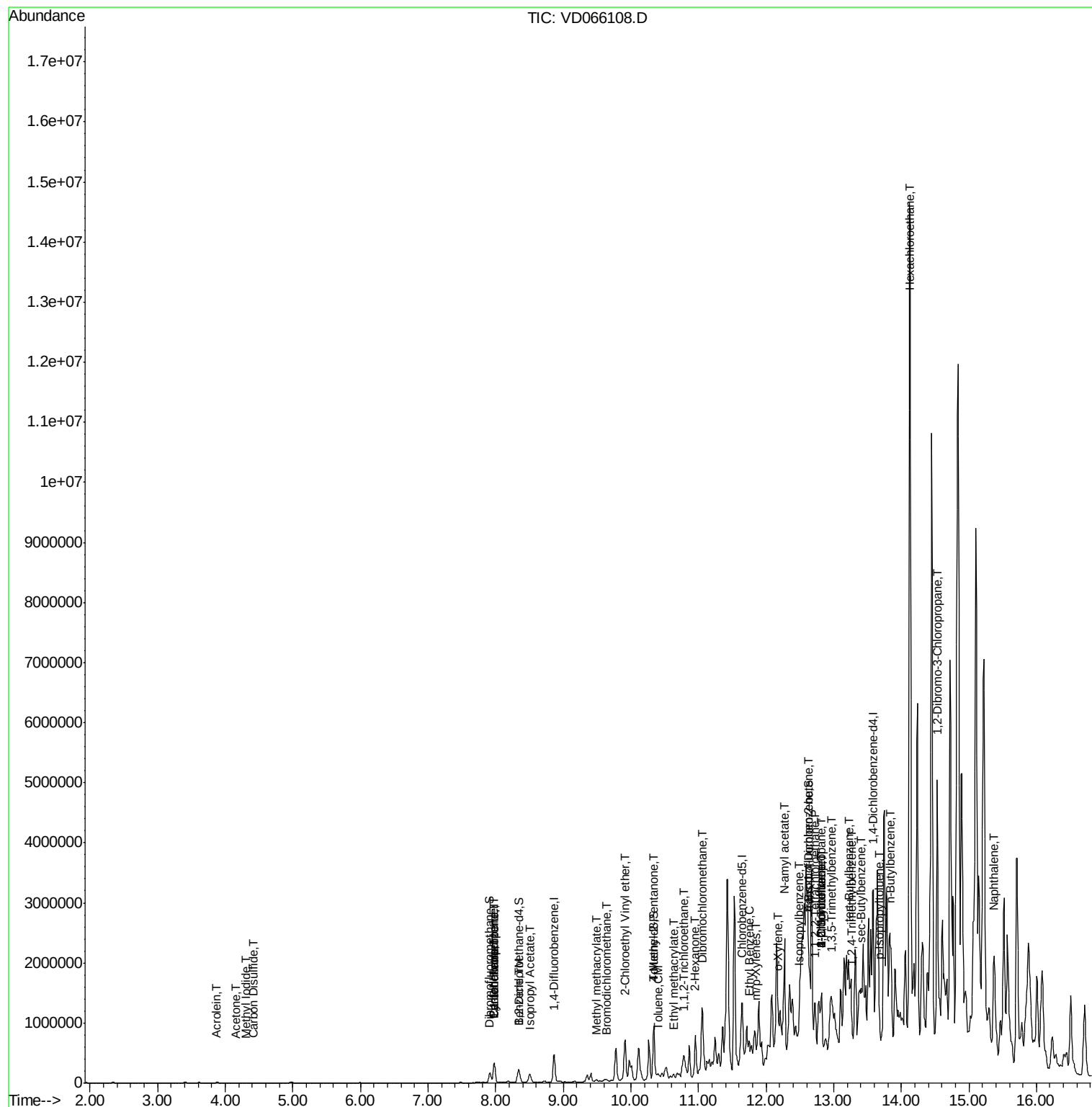
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.68	119	91649	7.414	ug/l	95
89) n-Butylbenzene	13.85	91	881643	76.698	ug/l #	74
90) Hexachloroethane	14.13	117	741119	289.592	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	14.53	75	14421	38.746	ug/l #	2
95) Naphthalene	15.38	128	36023	8.188	ug/l #	1

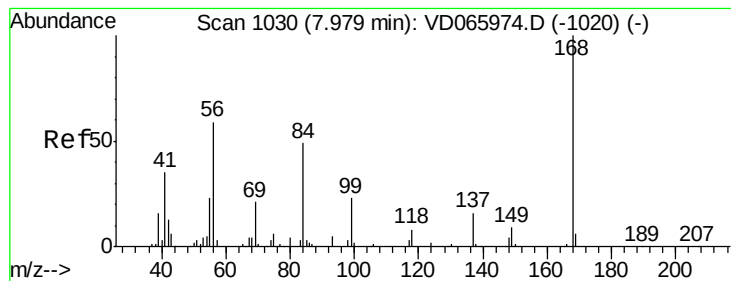
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD073020\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066108.D

Acq: 30 Jul 2020 13:46

Instrument :

MSVOA_D

ClientSampleId :

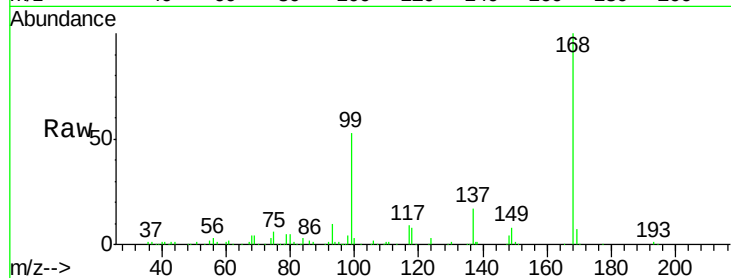
ROLLOFF-72-12012

Tot Ion:168 Resp: 251781

Ion Ratio Lower Upper

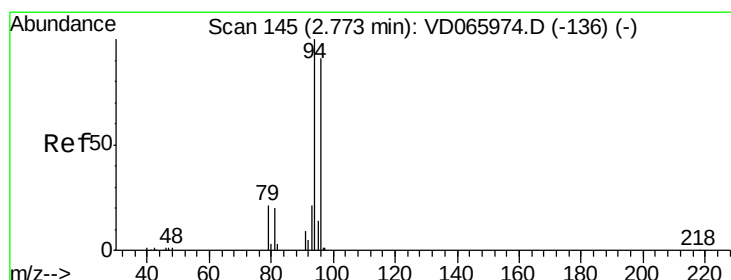
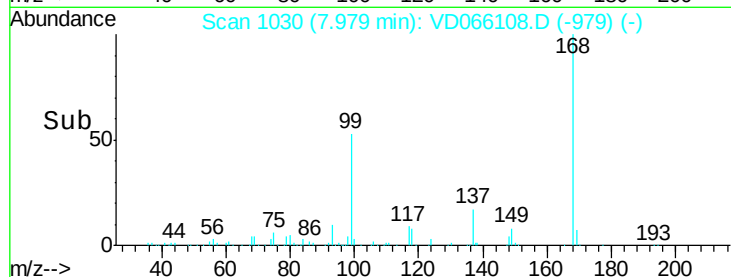
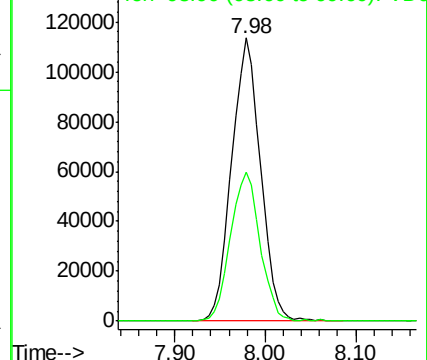
168 100

99 52.5 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#5

Bromomethane

Concen: Below Cal

RT: 2.79 min Scan# 147

Delta R.T. 0.01 min

Lab File: VD066108.D

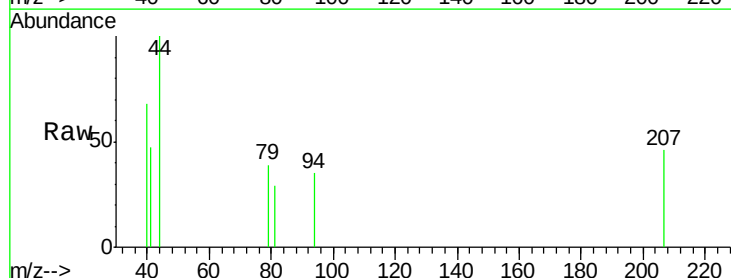
Acq: 30 Jul 2020 13:46

Tgt Ion: 94 Resp: 143

Ion Ratio Lower Upper

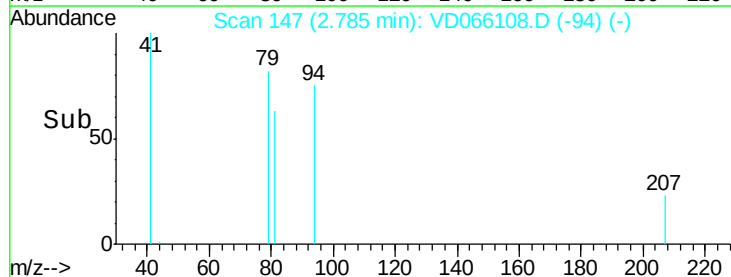
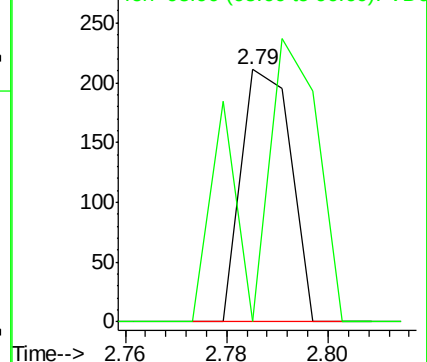
94 100

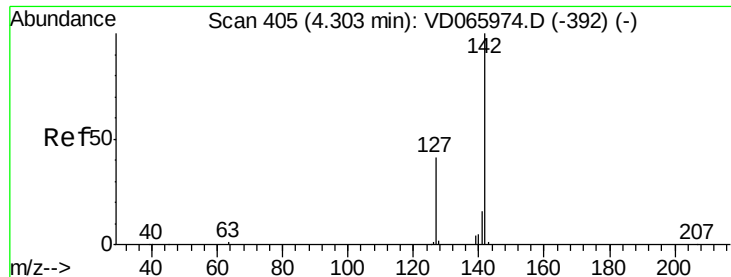
96 0.0 73.0 109.4#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

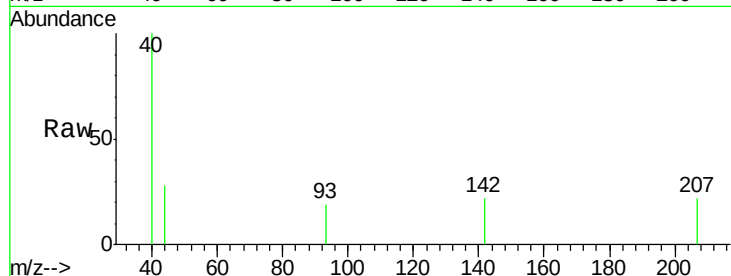




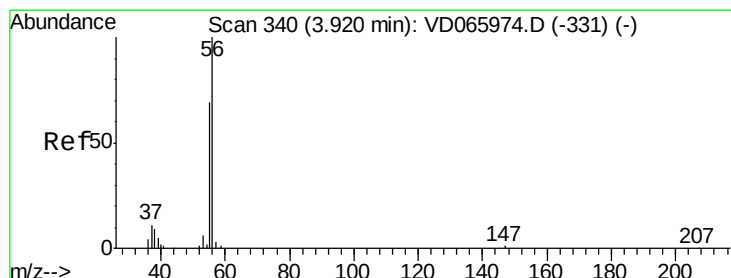
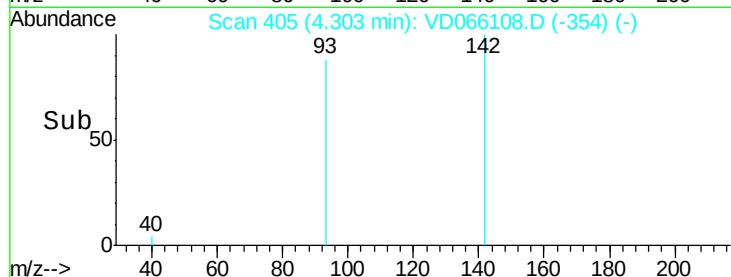
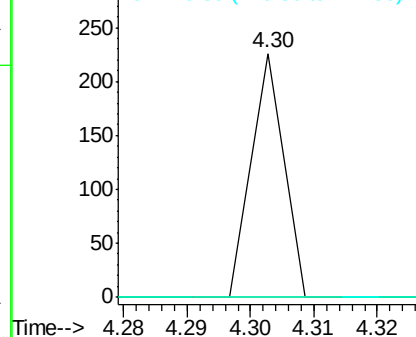
#10
Methvl Iodide
Concen: 8.842 ug/l
RT: 4.30 min Scan# 405
Delta R.T. 0.00 min
Lab File: VD066108.D
Acq: 30 Jul 2020 13:46

Instrument :
MSVOA_D
ClientSampleId :
ROLLOFF-72-12012

Tot Ion:142 Resp: 80
Ion Ratio Lower Upper
142 100
127 0.0 32.9 49.3#
141 0.0 11.8 17.6#

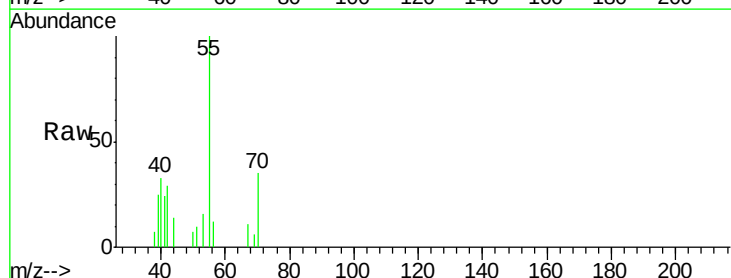


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

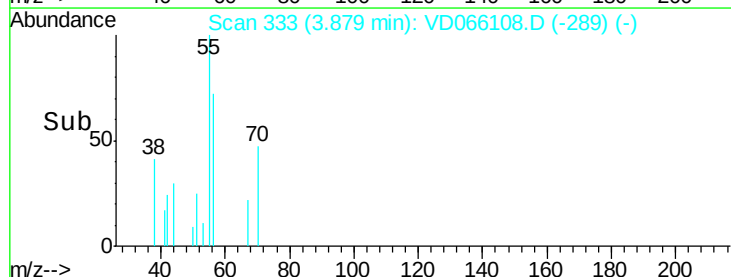
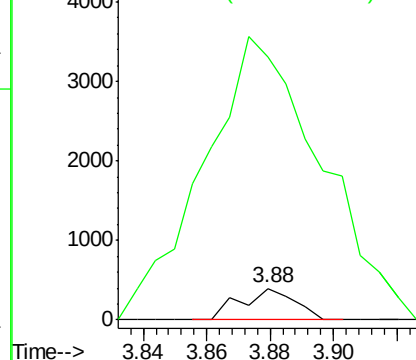


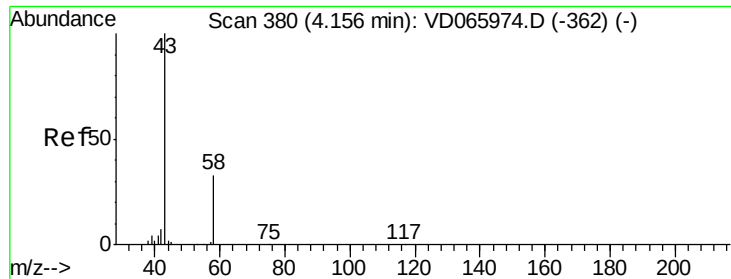
#13
Acrolein
Concen: 2.735 ug/l
RT: 3.88 min Scan# 333
Delta R.T. -0.04 min
Lab File: VD066108.D
Acq: 30 Jul 2020 13:46

Tgt Ion: 56 Resp: 472
Ion Ratio Lower Upper
56 100
55 1957.8 55.8 83.8#



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 55.00 (54.70 to 55.70): VDC





#16

Acetone

Concen: 6.033 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066108.D

Acq: 30 Jul 2020 13:46

Instrument :

MSVOA_D

ClientSampleId :

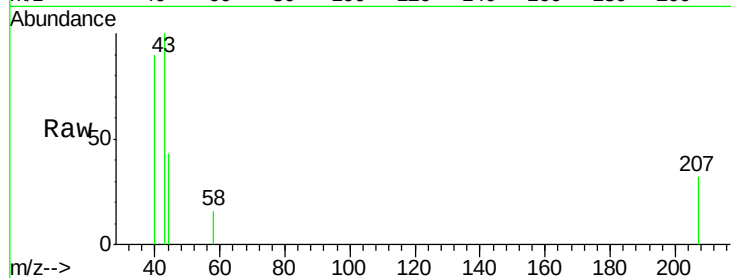
ROLLOFF-72-12012

Tot Ion: 43 Resp: 2502

Ion Ratio Lower Upper

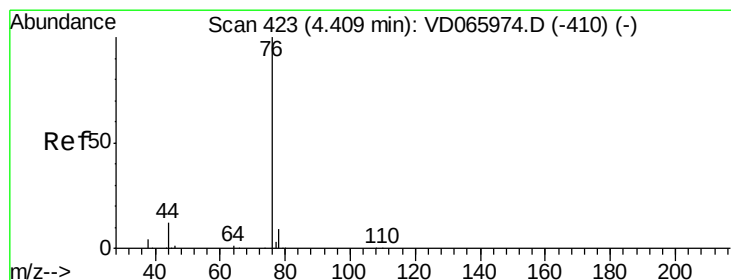
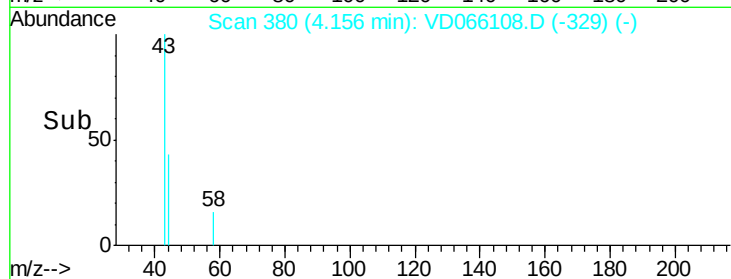
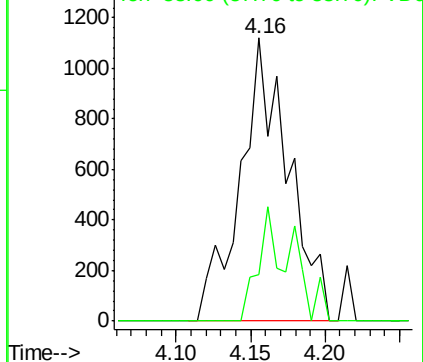
43 100

58 16.4 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#17

Carbon Disulfide

Concen: 1.280 ug/l

RT: 4.41 min Scan# 424

Delta R.T. 0.01 min

Lab File: VD066108.D

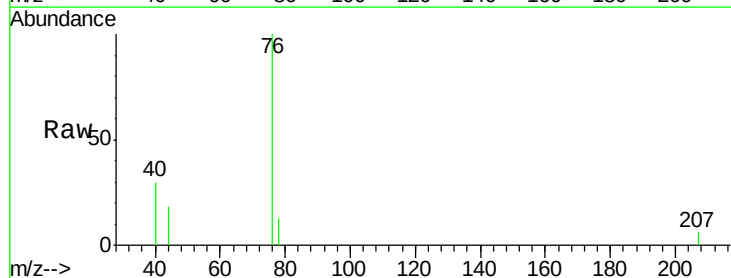
Acq: 30 Jul 2020 13:46

Tgt Ion: 76 Resp: 8645

Ion Ratio Lower Upper

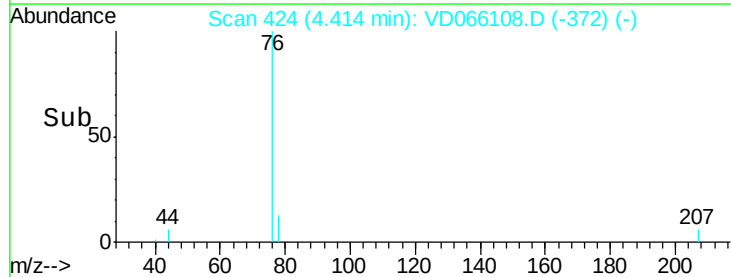
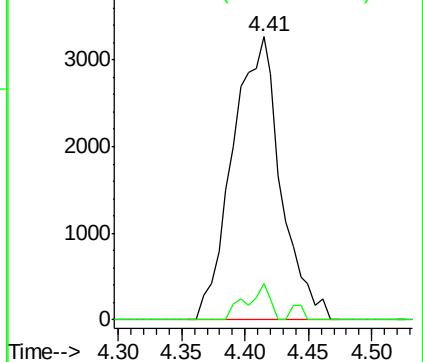
76 100

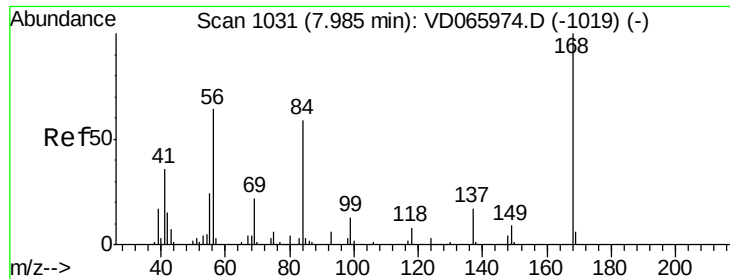
78 12.8 7.4 11.2#



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

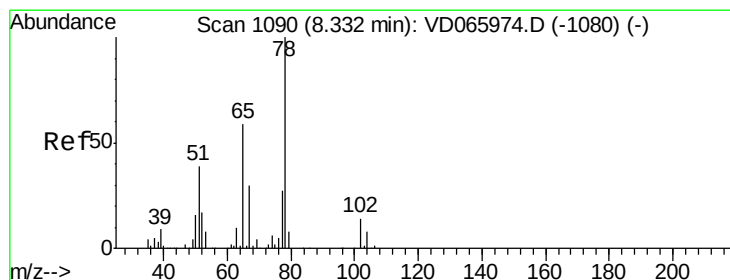
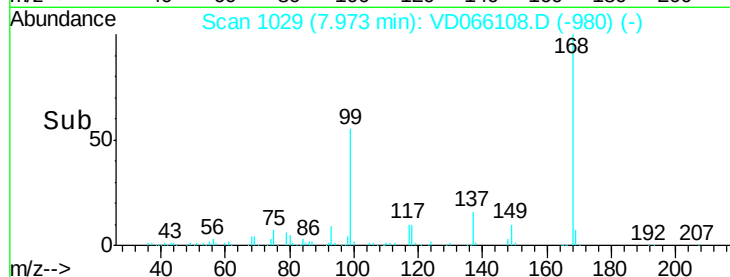
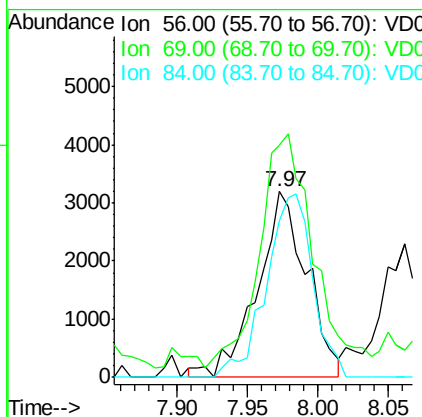
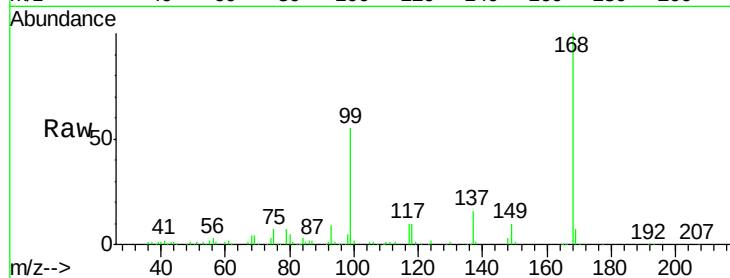




#31
Cyclohexane
Concen: 2.114 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066108.D
Acq: 30 Jul 2020 13:46

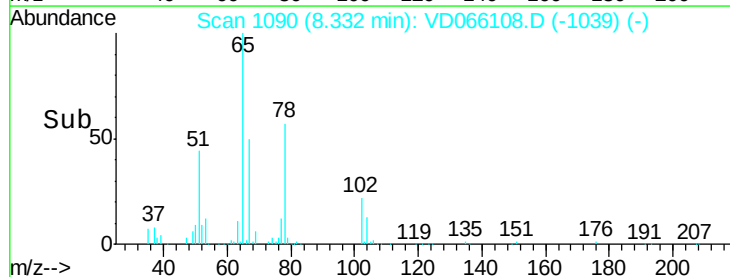
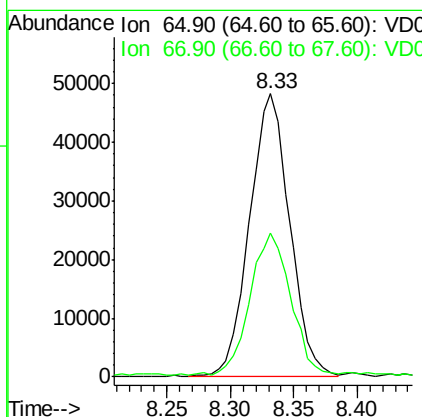
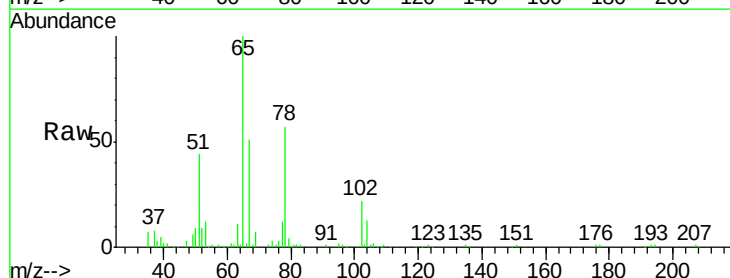
Instrument :
MSVOA_D
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ROLLOFF-72-12012

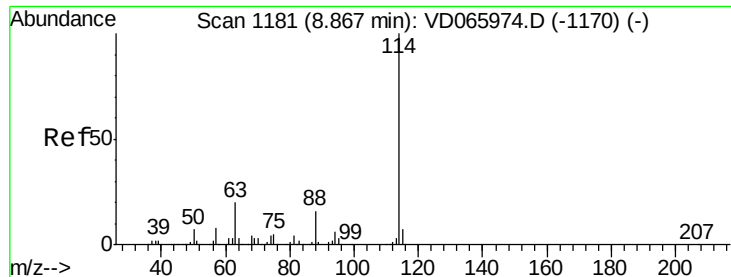
Tot Ion: 56 Resp: 7791
Ion Ratio Lower Upper
56 100
69 119.0 28.0 42.0#
84 88.6 72.6 109.0



#33
1,2-Dichloroethane-d4
Concen: 52.052 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD066108.D
Acq: 30 Jul 2020 13:46

Tgt Ion: 65 Resp: 106640
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.0

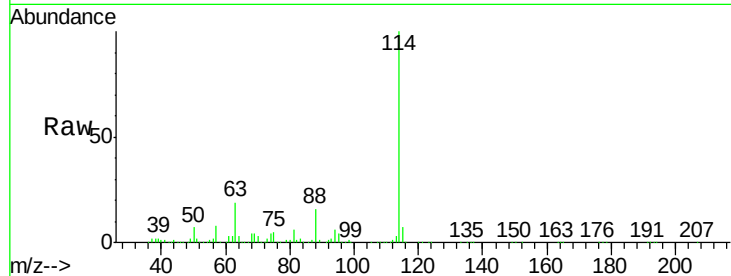




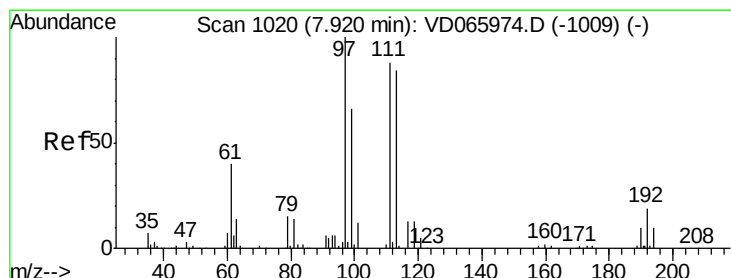
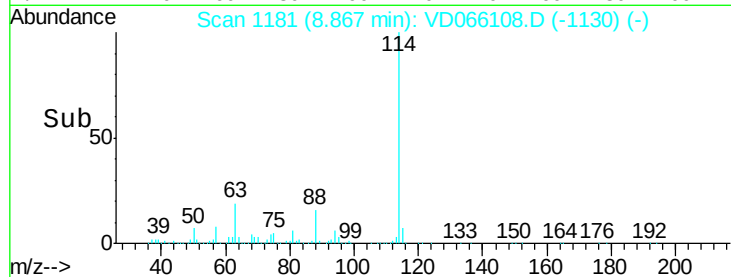
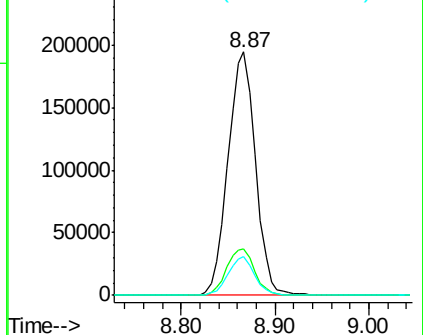
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD066108.D
 Acq: 30 Jul 2020 13:46

Instrument :
 MSVOA_D
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 ROLLOFF-72-12012

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	39.6
88	15.7	0.0	31.2

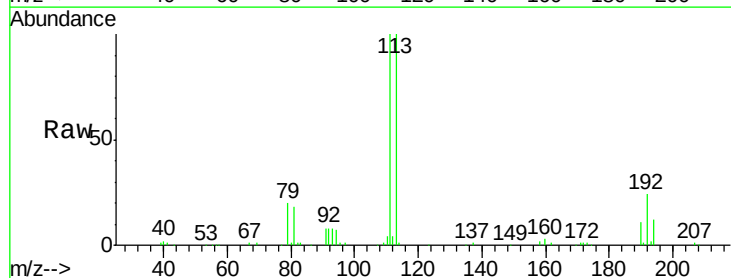


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

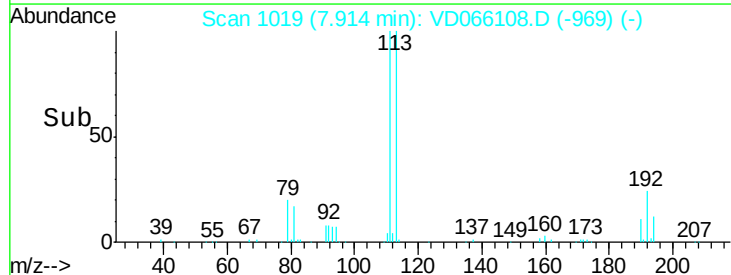
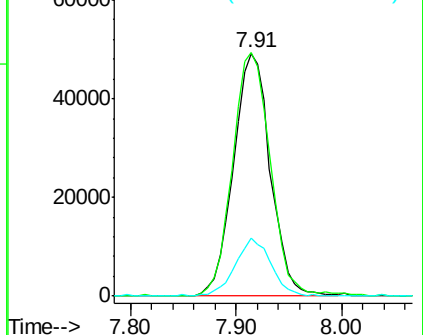


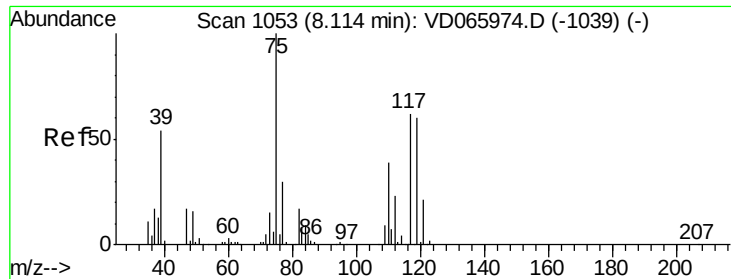
#35
 Dibromofluoromethane
 Concen: 49.517 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD066108.D
 Acq: 30 Jul 2020 13:46

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.2	124.8
192	23.2	18.7	28.1



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: 5.029 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD066108.D

Acq: 30 Jul 2020 13:46

Instrument :

MSVOA_D

ClientSampleId :

ROLLOFF-72-12012

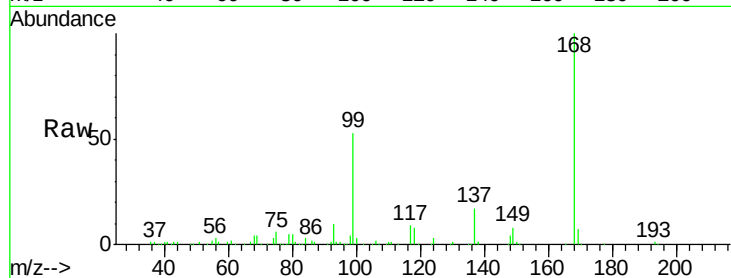
Tot Ion: 75 Resp: 16972

Ion Ratio Lower Upper

75 100

110 13.3 19.5 58.5#

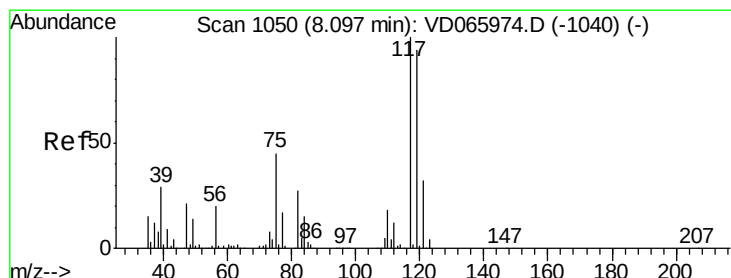
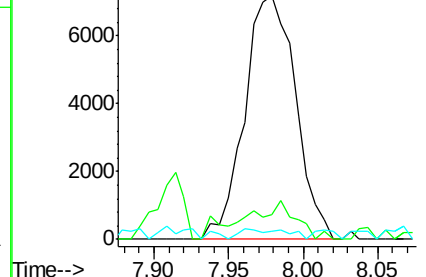
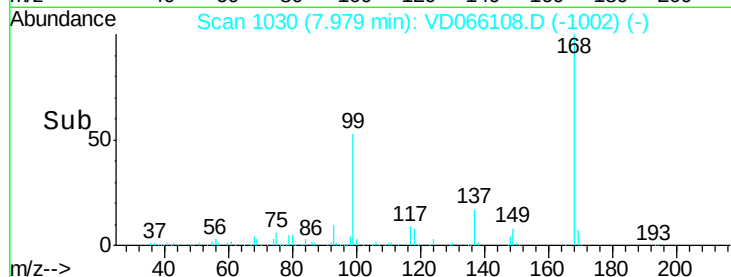
77 0.0 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VD066108.D (-999) (-)

Ion 109.90 (109.60 to 110.60): VD066108.D (-999) (-)

Ion 76.90 (76.60 to 77.60): VD066108.D (-999) (-)



#38

Carbon Tetrachloride

Concen: 6.411 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD066108.D

Acq: 30 Jul 2020 13:46

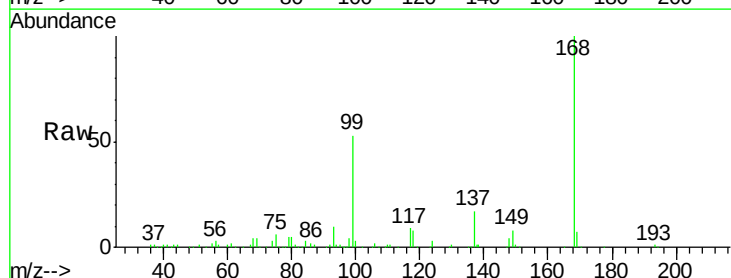
Tgt Ion: 117 Resp: 23478

Ion Ratio Lower Upper

117 100

119 5.1 75.0 112.6#

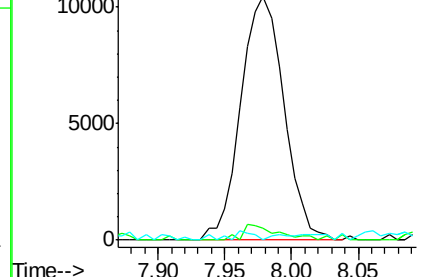
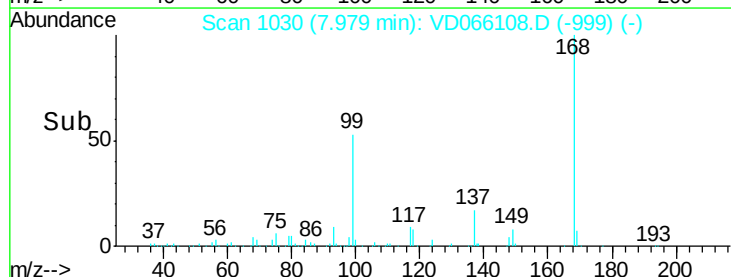
121 0.0 25.5 38.3#

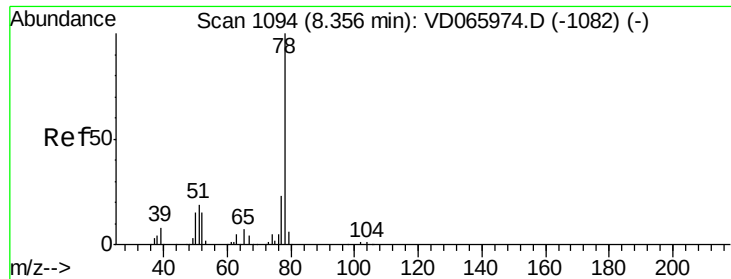


Abundance Ion 116.80 (116.50 to 117.50): VD066108.D (-999) (-)

Ion 118.80 (118.50 to 119.50): VD066108.D (-999) (-)

Ion 120.80 (120.50 to 121.50): VD066108.D (-999) (-)





#40

Benzene

Concen: 13.678 ug/l

RT: 8.35 min Scan# 1093

Delta R.T. -0.01 min

Lab File: VD066108.D

Acq: 30 Jul 2020 13:46

Instrument :

MSVOA_D

ClientSampleId :

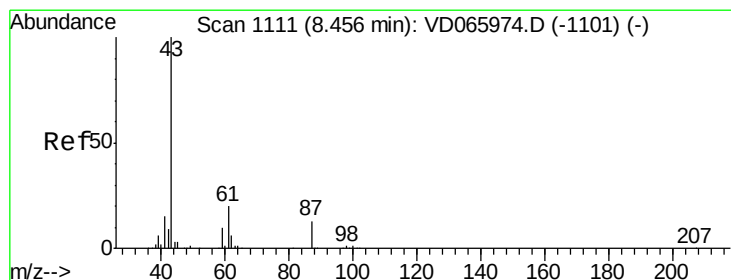
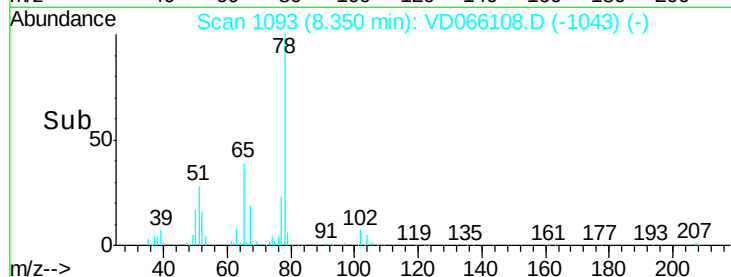
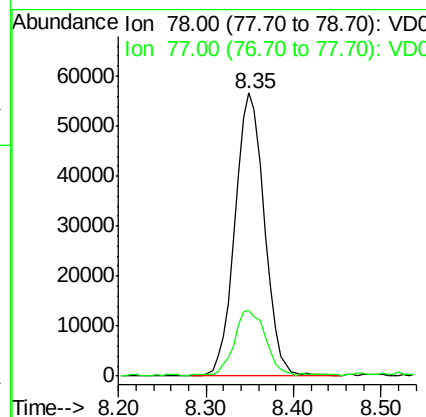
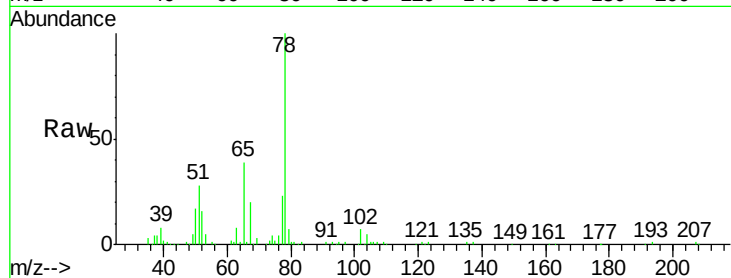
ROLLOFF-72-12012

Tot Ion: 78 Resp: 129147

Ion Ratio Lower Upper

78 100

77 22.8 18.6 27.8



#43

Isopropyl Acetate

Concen: 11.495 ug/l

RT: 8.50 min Scan# 1119

Delta R.T. 0.05 min

Lab File: VD066108.D

Acq: 30 Jul 2020 13:46

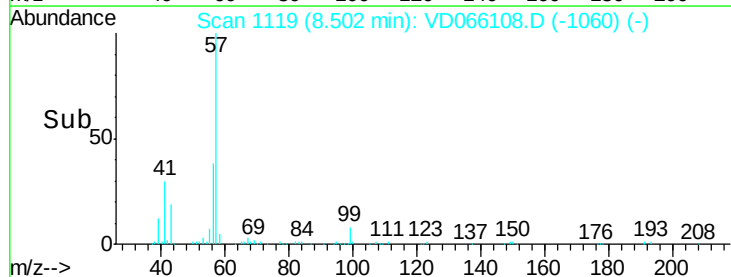
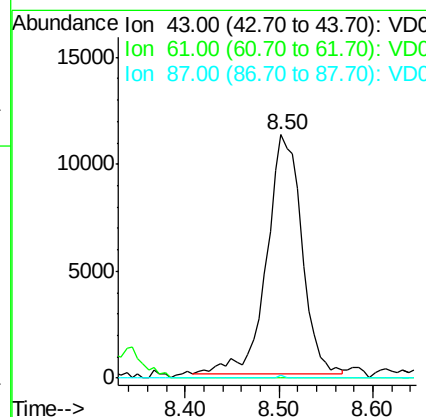
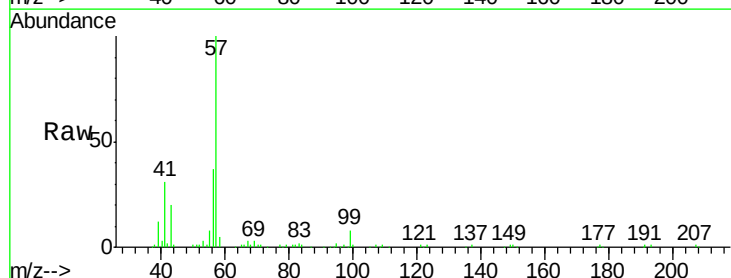
Tgt Ion: 43 Resp: 28939

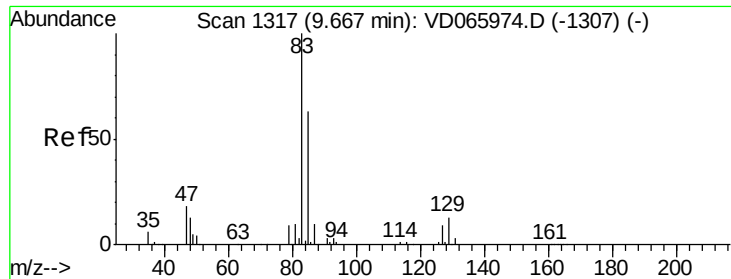
Ion Ratio Lower Upper

43 100

61 0.0 25.8 38.8#

87 0.2 10.9 16.3#





#47

Bromodichloromethane

Concen: 1.754 ug/l

RT: 9.64 min Scan# 1313

Delta R.T. -0.02 min

Lab File: VD066108.D

Acq: 30 Jul 2020 13:46

Instrument :

MSVOA_D

ClientSampleId :

ROLLOFF-72-12012

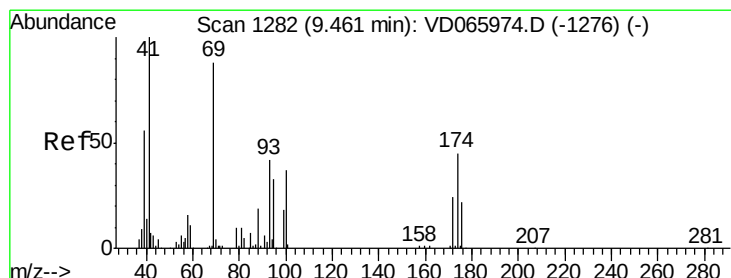
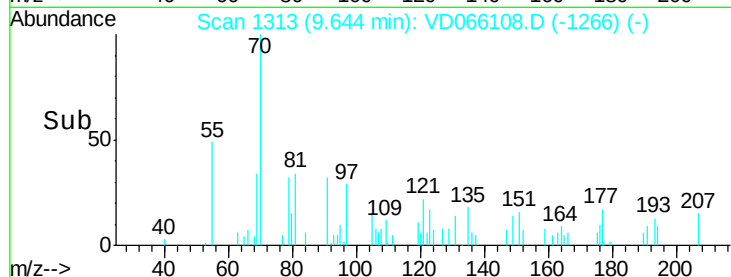
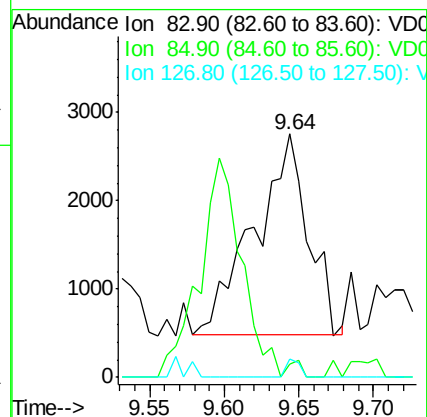
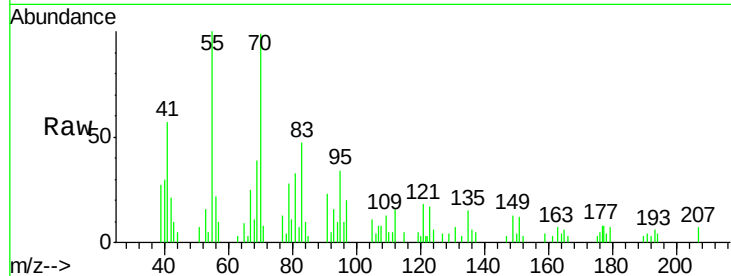
Tot Ion: 83 Resp: 5708

Ion Ratio Lower Upper

83 100

85 6.7 50.6 75.8#

127 9.1 7.1 10.7



#48

Methyl methacrylate

Concen: 7.066 ug/l

RT: 9.49 min Scan# 1287

Delta R.T. 0.03 min

Lab File: VD066108.D

Acq: 30 Jul 2020 13:46

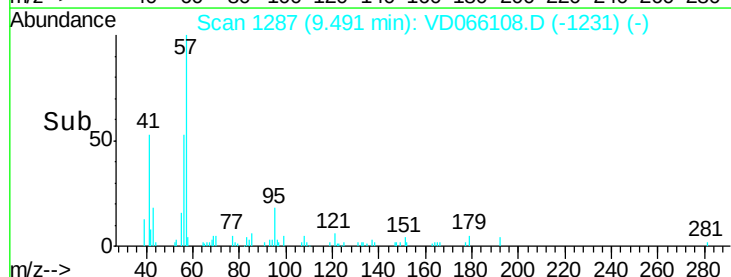
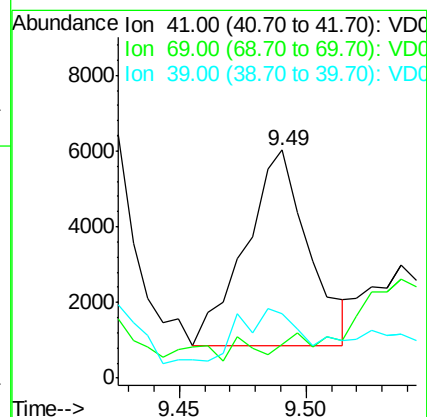
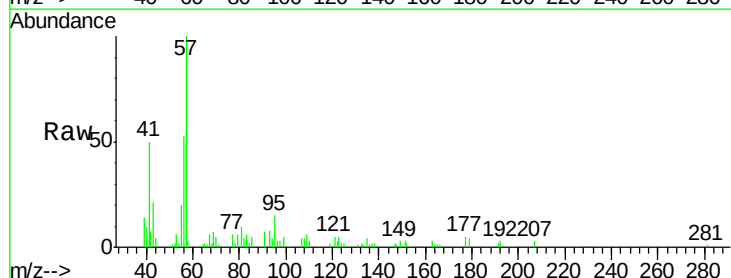
Tgt Ion: 41 Resp: 8973

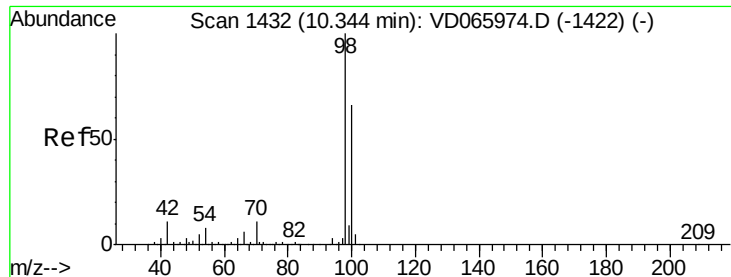
Ion Ratio Lower Upper

41 100

69 4.0 65.1 97.7#

39 32.0 41.5 62.3#





#50

Toluene-d8

Concen: 57.363 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD066108.D

Acq: 30 Jul 2020 13:46

Instrument :

MSVOA_D

ClientSampleId :

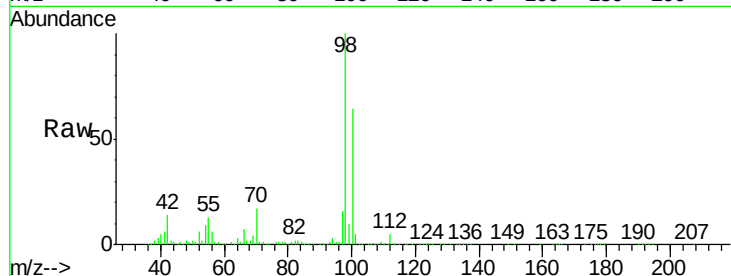
ROLLOFF-72-12012

Tot Ion: 98 Resp: 512566

Ion Ratio Lower Upper

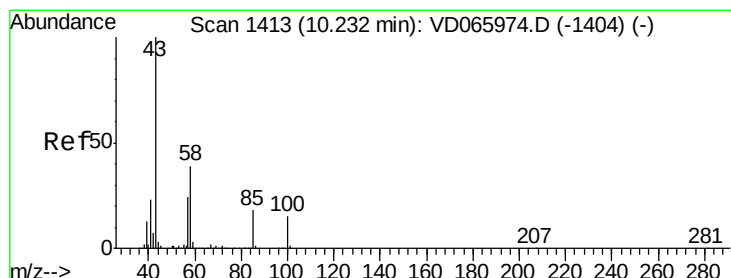
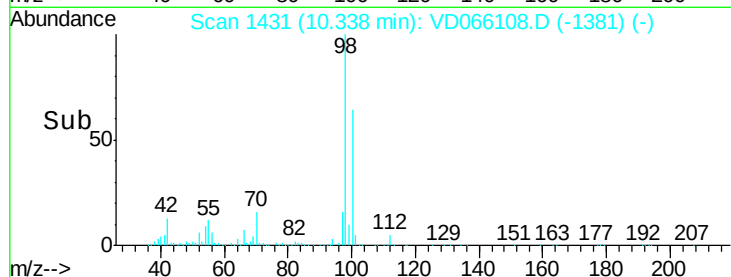
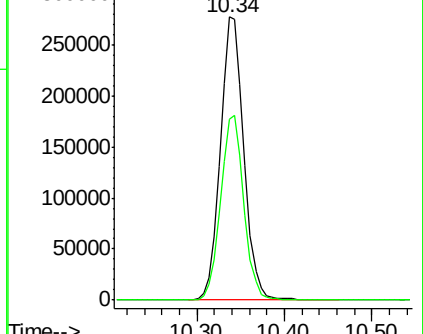
98 100

100 64.4 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: 7.117 ug/l

RT: 10.33 min Scan# 1430

Delta R.T. 0.10 min

Lab File: VD066108.D

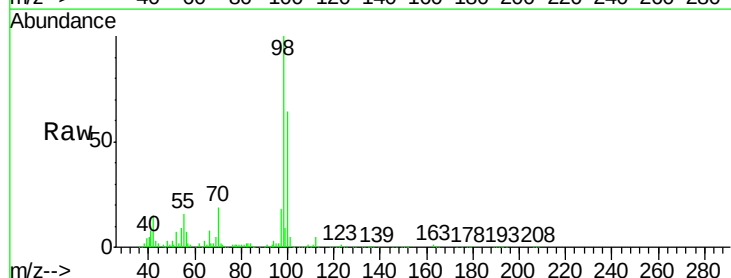
Acq: 30 Jul 2020 13:46

Tgt Ion: 43 Resp: 9028

Ion Ratio Lower Upper

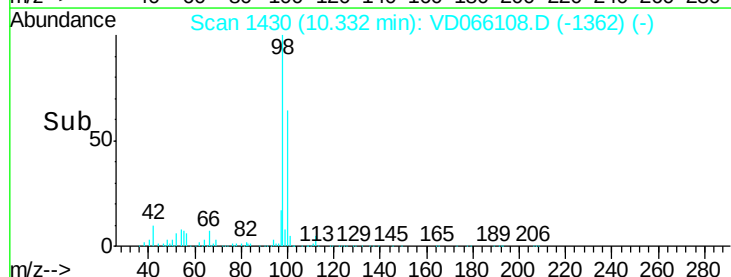
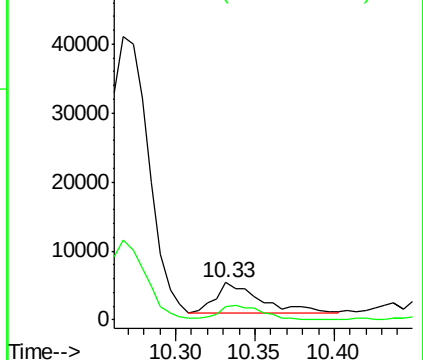
43 100

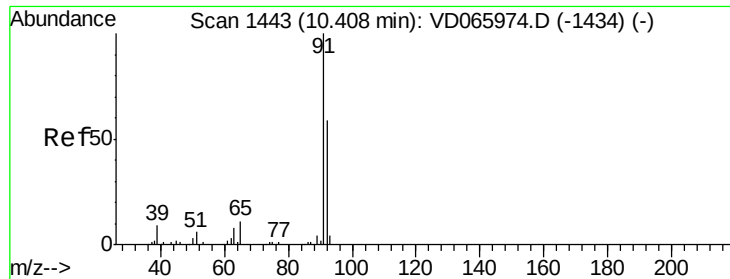
58 44.5 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#52

Toluene

Concen: 6.559 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.01 min

Lab File: VD066108.D

Acq: 30 Jul 2020 13:46

Instrument :

MSVOA_D

ClientSampleId :

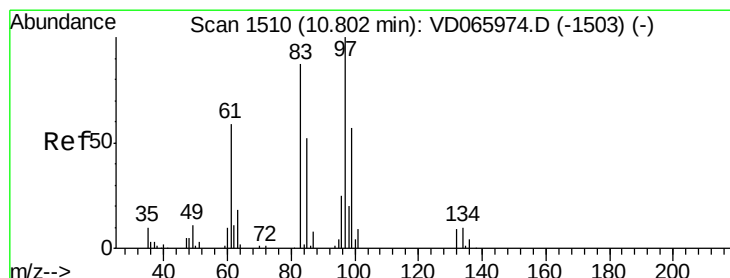
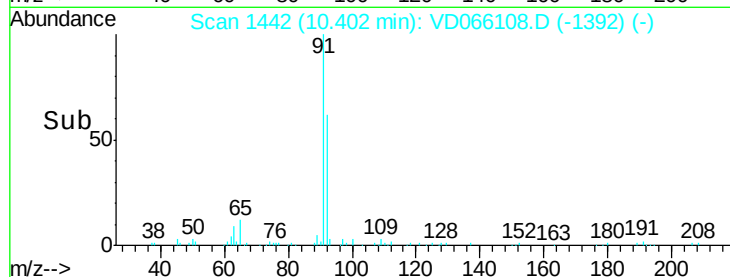
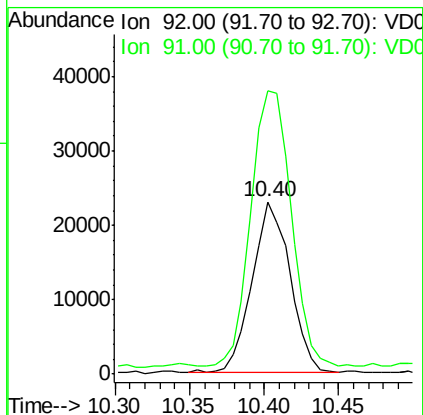
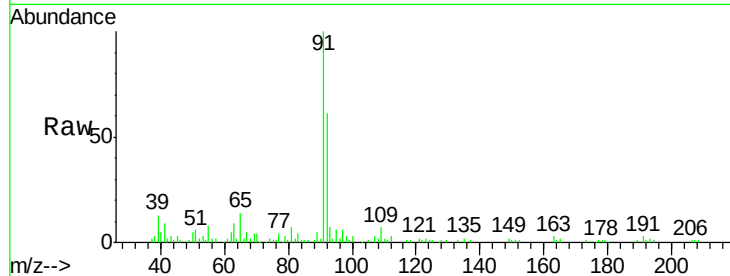
ROLLOFF-72-12012

Tot Ion: 92 Resp: 40389

Ion Ratio Lower Upper

92 100

91 170.5 134.5 201.7



#55

1,1,2-Trichloroethane

Concen: 41.522 ug/l

RT: 10.78 min Scan# 1506

Delta R.T. -0.02 min

Lab File: VD066108.D

Acq: 30 Jul 2020 13:46

Tgt Ion: 97 Resp: 72497

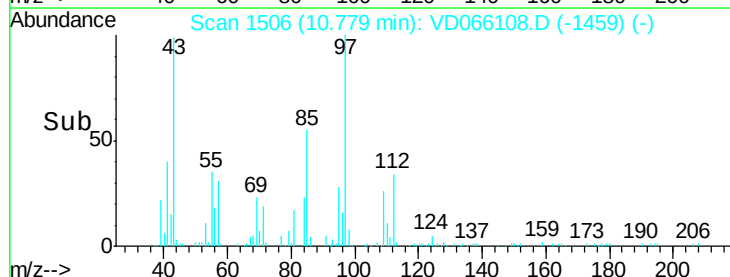
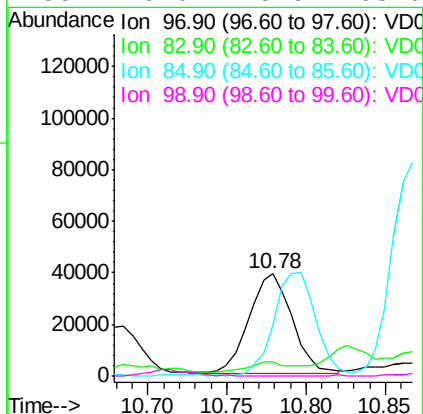
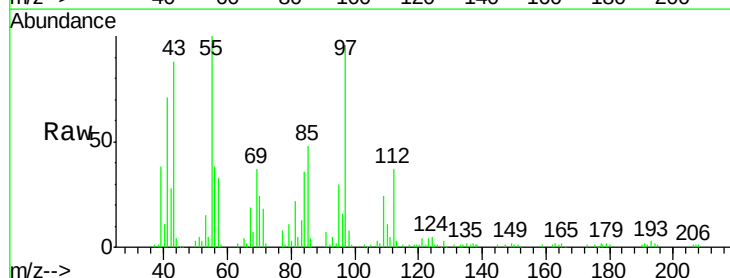
Ion Ratio Lower Upper

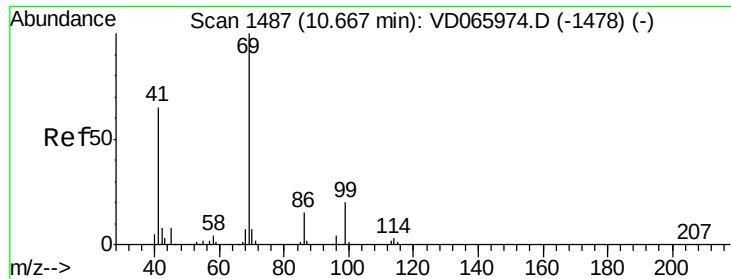
97 100

83 8.7 69.7 104.5#

85 50.6 41.6 62.4

99 0.0 45.9 68.9#

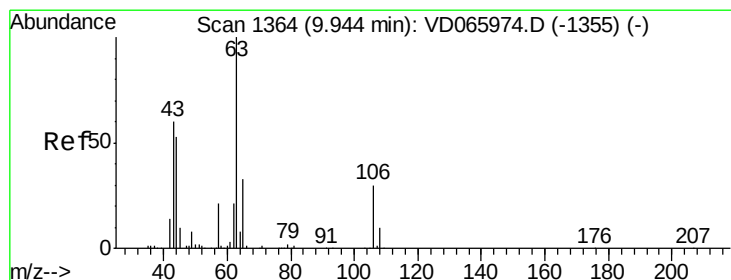
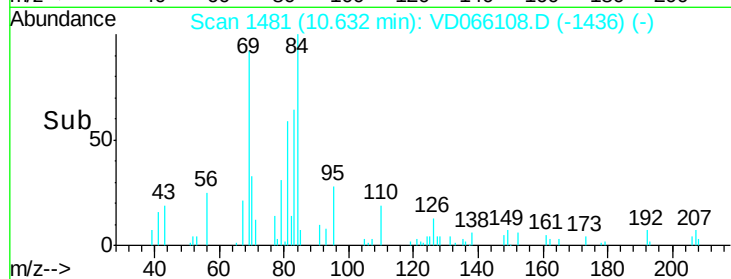
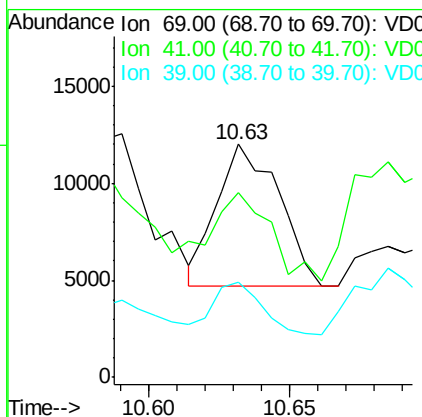
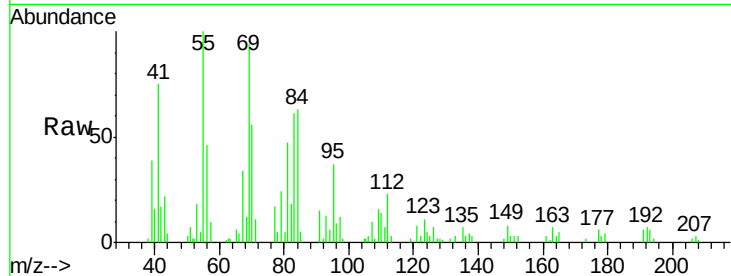




#56
Ethyl methacrylate
Concen: 5.512 ug/l
RT: 10.63 min Scan# 1481
Delta R.T. -0.04 min
Lab File: VD066108.D
Acq: 30 Jul 2020 13:46

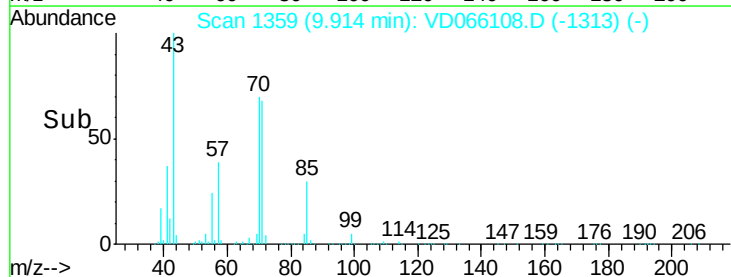
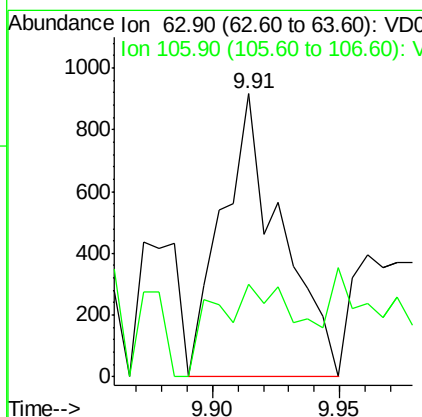
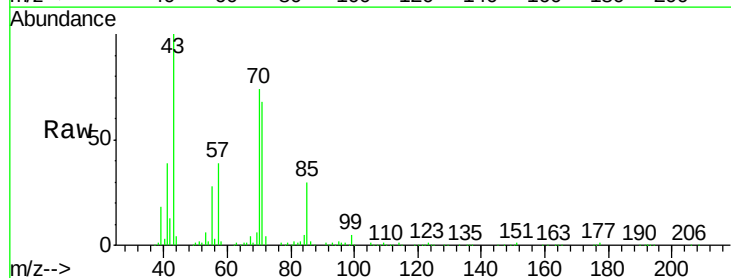
Instrument :
MSVOA_D
ClientSampleId :
ROLLOFF-72-12012

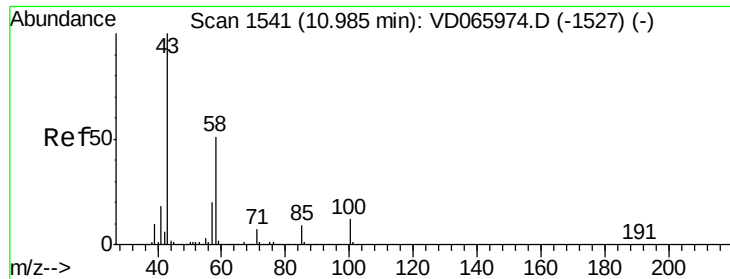
Tot Ion: 69 Resp: 11189
Ion Ratio Lower Upper
69 100
41 71.7 52.3 78.5
39 28.8 25.2 37.8



#58
2-Chloroethyl Vinyl ether
Concen: 1.520 ug/l
RT: 9.91 min Scan# 1359
Delta R.T. -0.03 min
Lab File: VD066108.D
Acq: 30 Jul 2020 13:46

Tgt Ion: 63 Resp: 1474
Ion Ratio Lower Upper
63 100
106 32.3 24.4 36.6

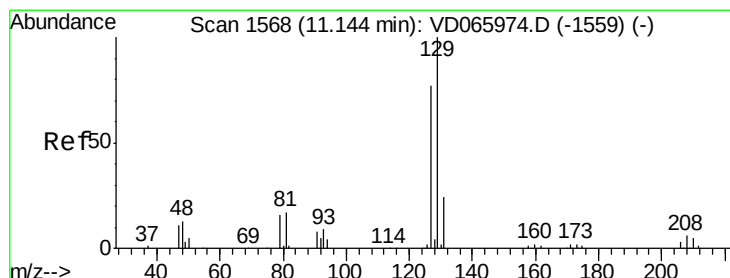
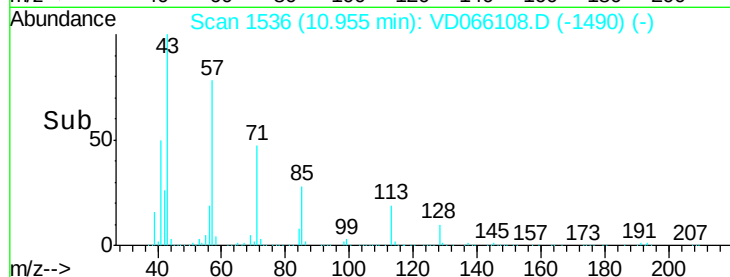
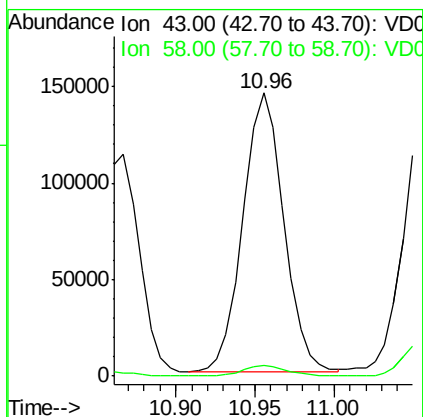
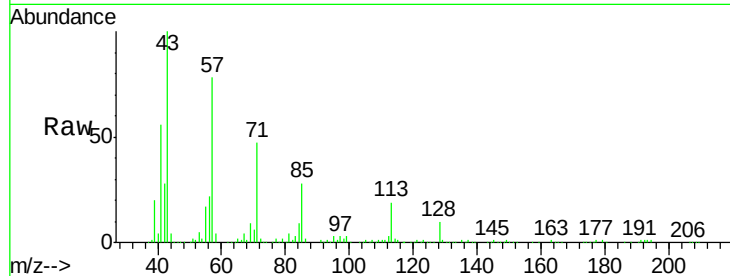




#59
2-Hexanone
Concen: 293.391 ug/l
RT: 10.96 min Scan# 1536
Delta R.T. -0.03 min
Lab File: VD066108.D
Acq: 30 Jul 2020 13:46

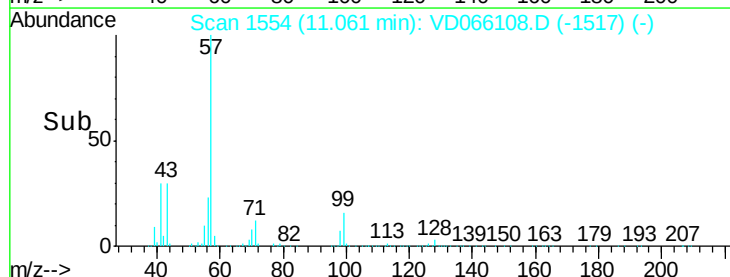
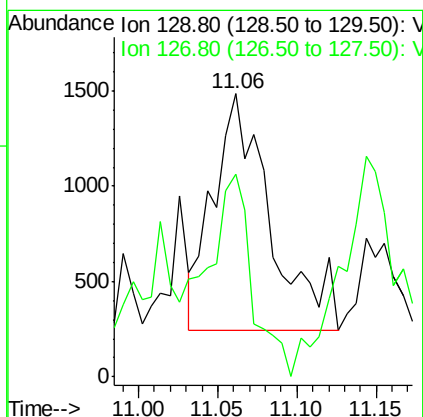
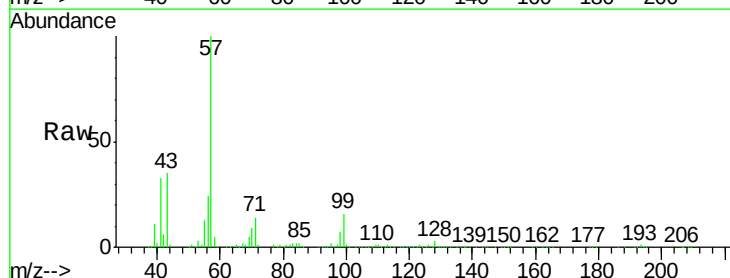
Instrument :
MSVOA_D
ClientSampleId :
ROLLOFF-72-12012

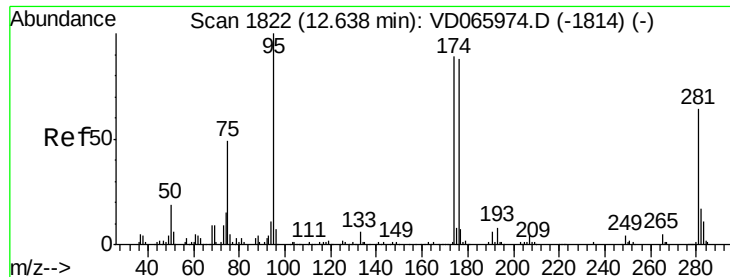
Tot Ion: 43 Resp: 257897
Ion Ratio Lower Upper
43 100
58 4.5 26.2 78.6#



#60
Dibromochloromethane
Concen: 1.307 ug/l
RT: 11.06 min Scan# 1554
Delta R.T. -0.08 min
Lab File: VD066108.D
Acq: 30 Jul 2020 13:46

Tgt Ion: 129 Resp: 3078
Ion Ratio Lower Upper
129 100
127 69.4 38.6 115.7





#62

4-Bromofluorobenzene

Concen: 77.247 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD066108.D

Acq: 30 Jul 2020 13:46

Instrument :

MSVOA_D

ClientSampleId :

ROLLOFF-72-12012

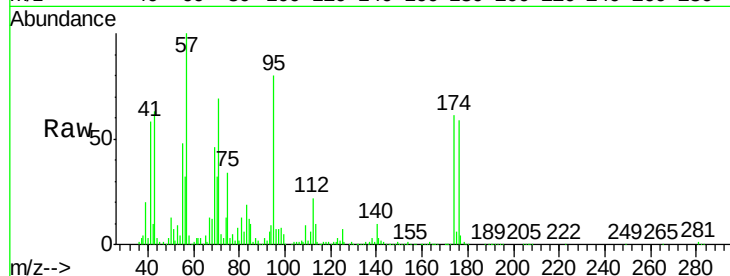
Tot Ion: 95 Resp: 239329

Ion Ratio Lower Upper

95 100

174 76.9 0.0 178.8

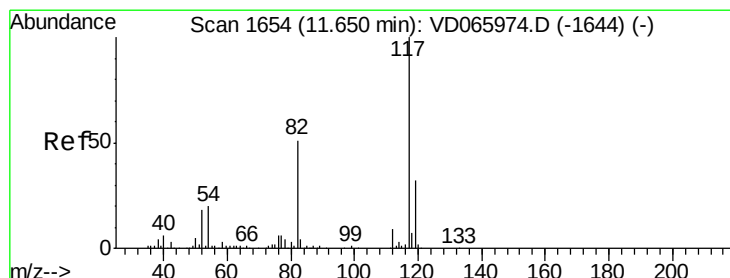
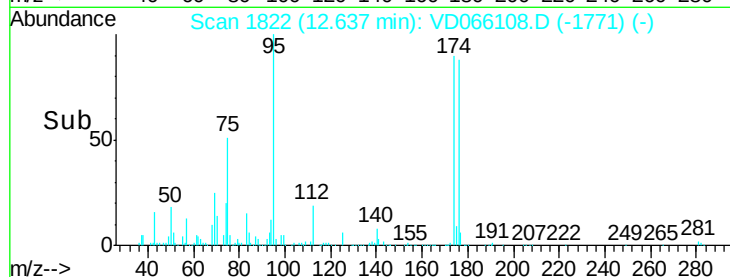
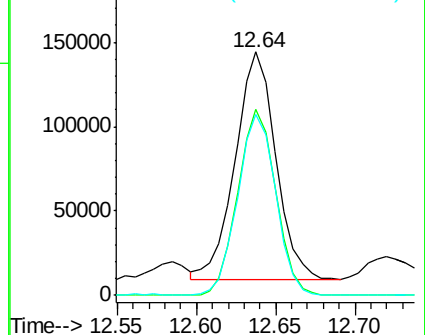
176 74.5 0.0 172.6



Abundance Ion 94.90 (94.60 to 95.60): VD066108.D (-1771) (-)

Ion 173.80 (173.50 to 174.50): VD066108.D (-1771) (-)

Ion 175.80 (175.50 to 176.50): VD066108.D (-1771) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD066108.D

Acq: 30 Jul 2020 13:46

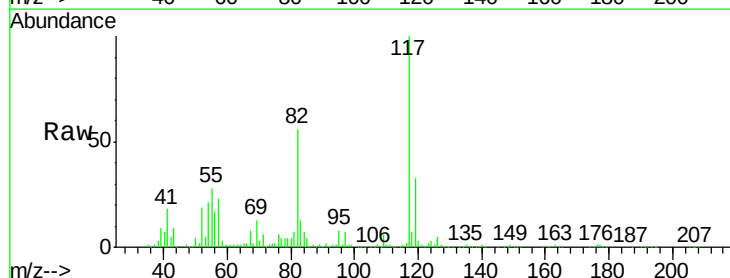
Tgt Ion: 117 Resp: 440777

Ion Ratio Lower Upper

117 100

82 51.2 41.1 61.7

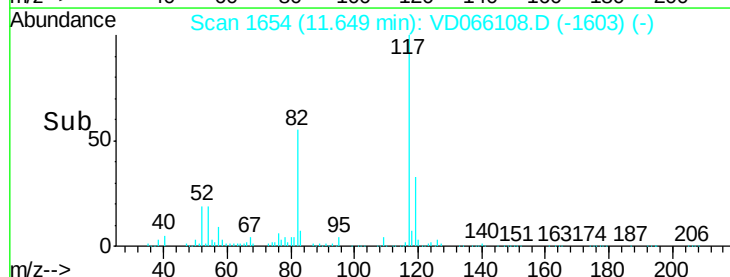
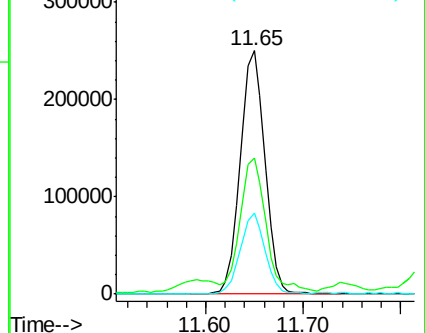
119 33.2 25.9 38.9

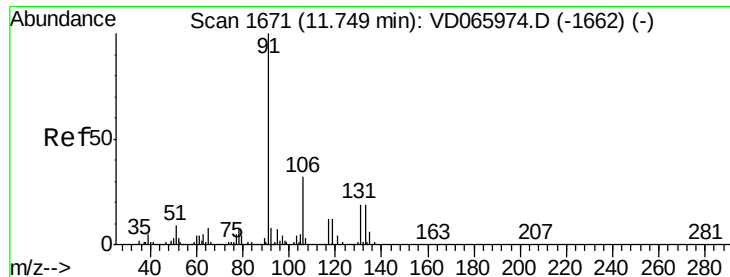


Abundance Ion 116.90 (116.60 to 117.60): VD066108.D (-1603) (-)

Ion 82.00 (81.70 to 82.70): VD066108.D (-1603) (-)

Ion 118.90 (118.60 to 119.60): VD066108.D (-1603) (-)





#67

Ethyl Benzene

Concen: 5.105 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD066108.D

Acq: 30 Jul 2020 13:46

Instrument :

MSVOA_D

ClientSampleId :

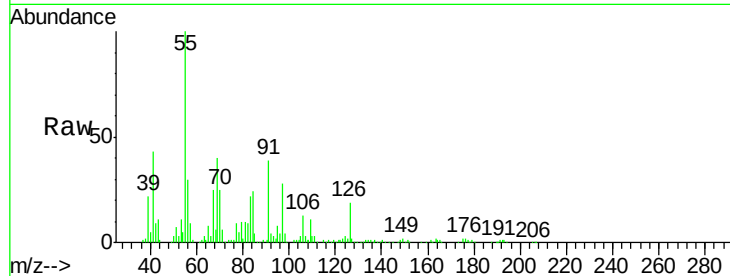
ROLLOFF-72-12012

Tot Ion: 91 Resp: 70901

Ion Ratio Lower Upper

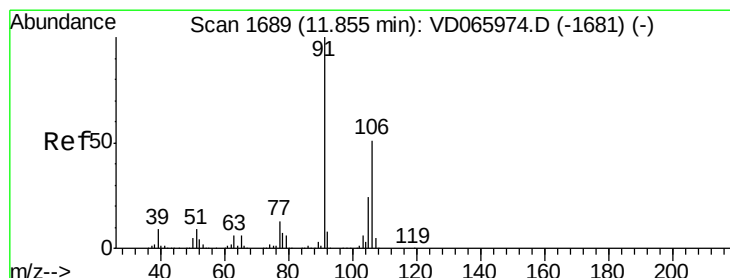
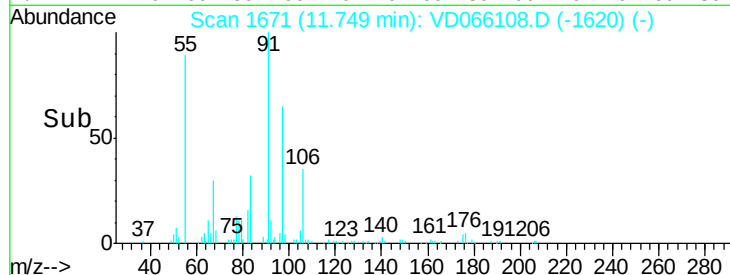
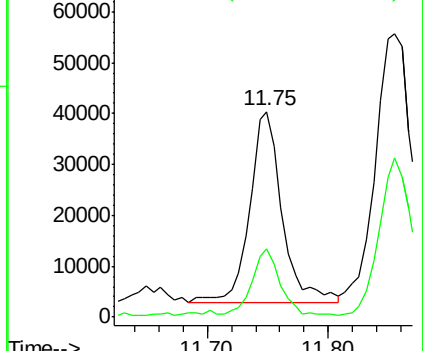
91 100

106 34.7 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 10.681 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD066108.D

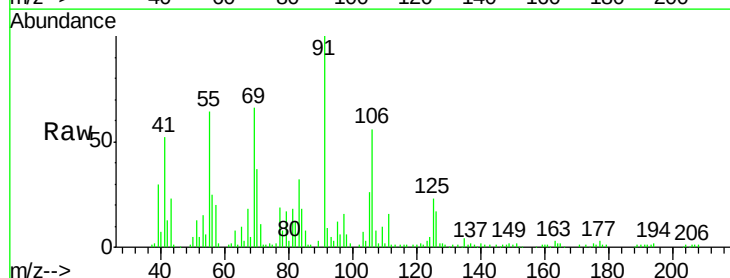
Acq: 30 Jul 2020 13:46

Tgt Ion: 106 Resp: 57015

Ion Ratio Lower Upper

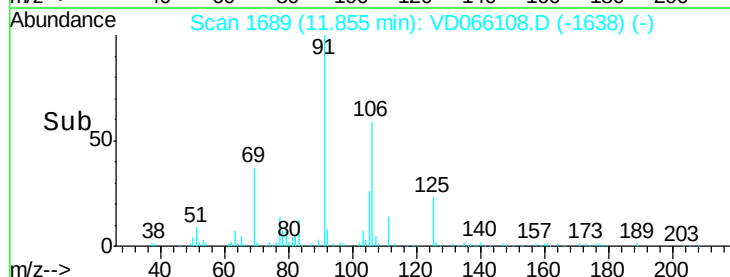
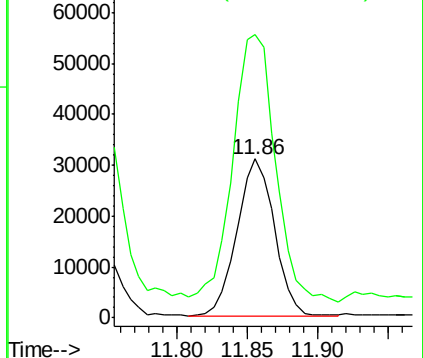
106 100

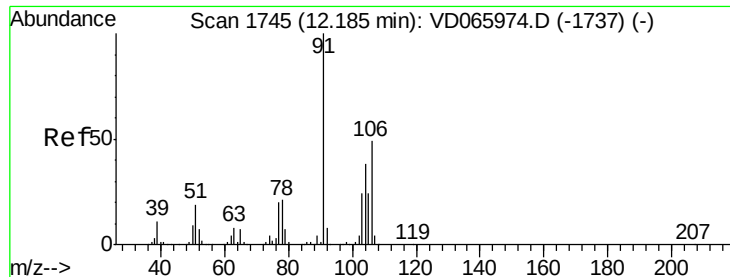
91 193.7 157.0 235.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

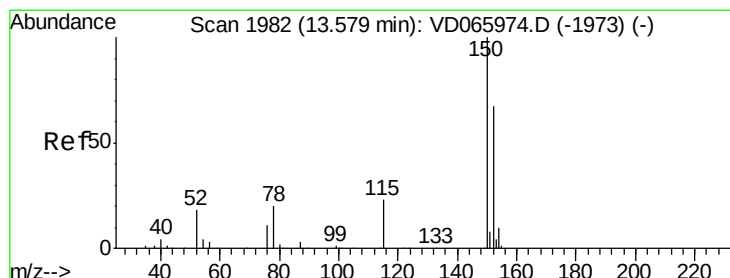
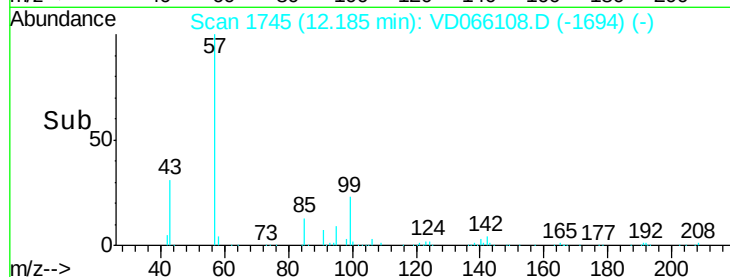
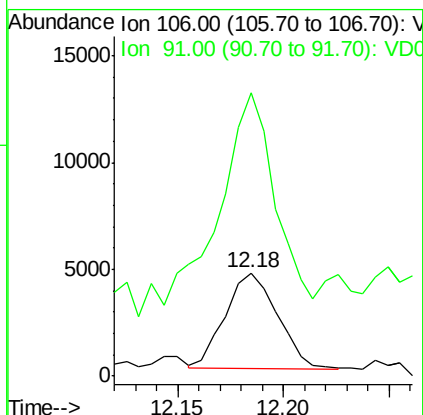
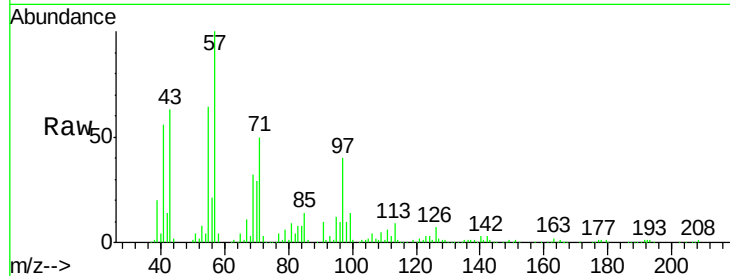




#69
o-Xylene
Concen: 1.571 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD066108.D
Acq: 30 Jul 2020 13:46

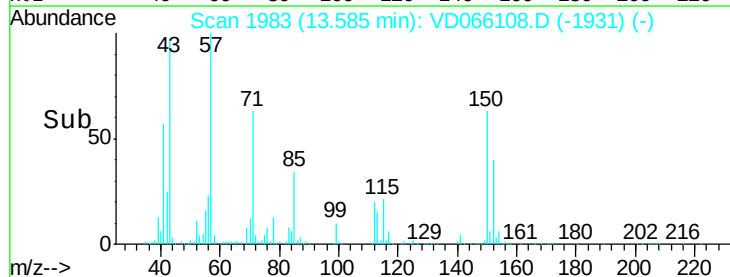
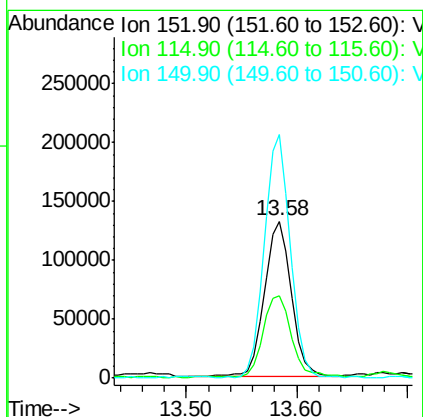
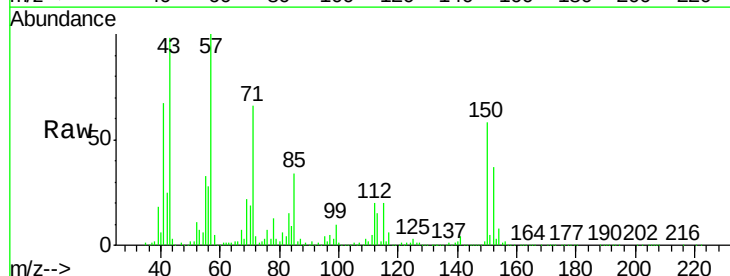
Instrument :
MSVOA_D
ClientSampleId :
ROLLOFF-72-12012

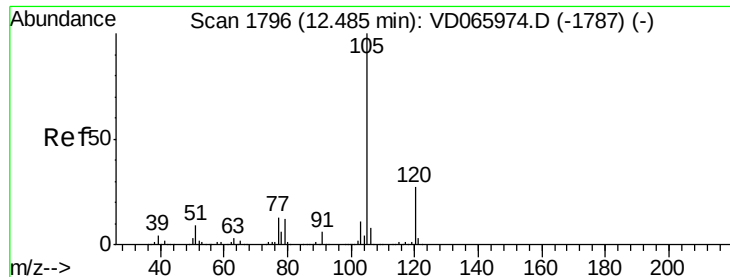
Tot Ion:106 Resp: 7626
Ion Ratio Lower Upper
106 100
91 269.8 103.1 309.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066108.D
Acq: 30 Jul 2020 13:46

Tgt Ion:152 Resp: 227095
Ion Ratio Lower Upper
152 100
115 54.3 27.9 83.7
150 148.6 0.0 348.2





#73

Isopropylbenzene

Concen: 9.912 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD066108.D

Acq: 30 Jul 2020 13:46

Instrument :

MSVOA_D

ClientSampleId :

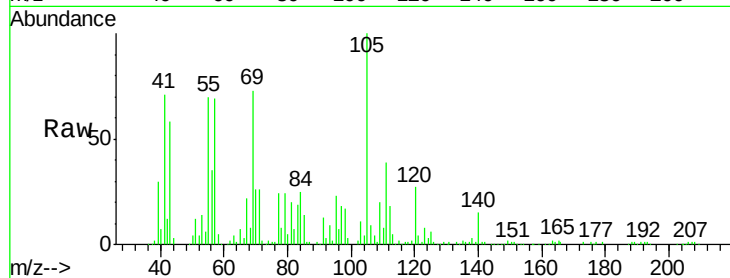
ROLLOFF-72-12012

Tot Ion:105 Resp: 136205

Ion Ratio Lower Upper

105 100

120 26.0 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

80000

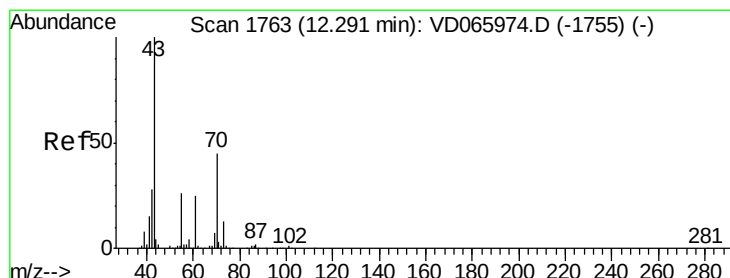
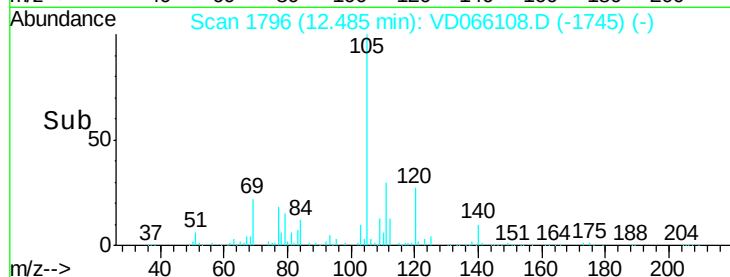
60000

40000

20000

0

Time-->



#74

N-ethyl acetate

Concen: 161.095 ug/l

RT: 12.27 min Scan# 1760

Delta R.T. -0.02 min

Lab File: VD066108.D

Acq: 30 Jul 2020 13:46

Tgt Ion: 43 Resp: 458986

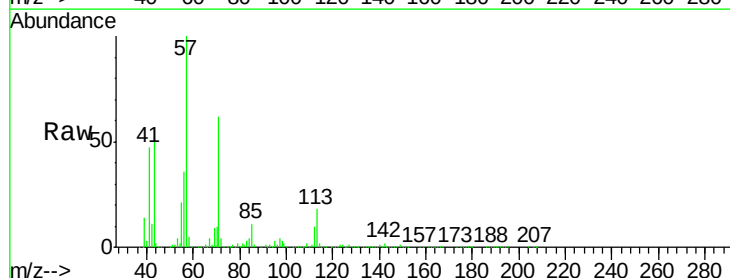
Ion Ratio Lower Upper

43 100

70 19.4 34.6 51.8#

55 17.6 20.3 30.5#

61 0.0 19.5 29.3#



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

400000

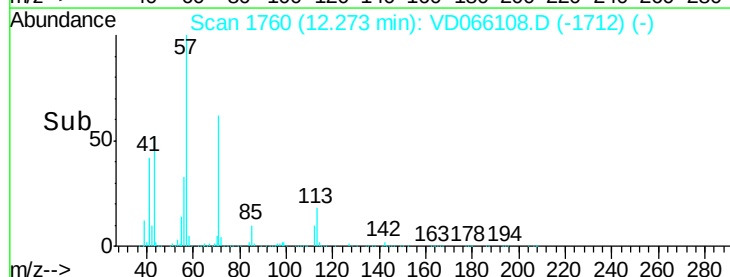
300000

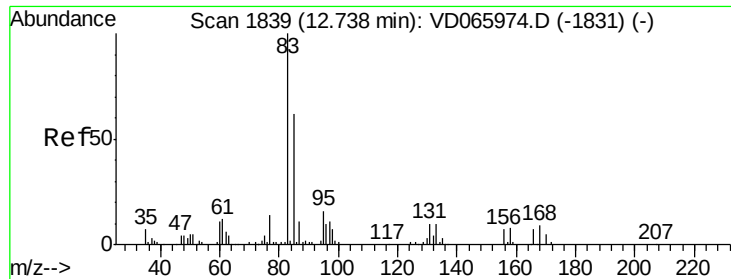
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 8.016 ug/l

RT: 12.72 min Scan# 1836

Delta R.T. -0.02 min

Lab File: VD066108.D

Acq: 30 Jul 2020 13:46

Instrument :

MSVOA_D

ClientSampleId :

ROLLOFF-72-12012

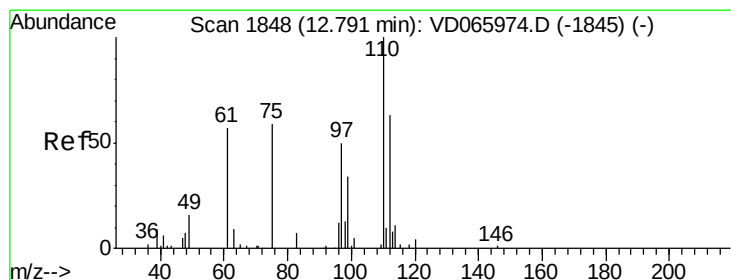
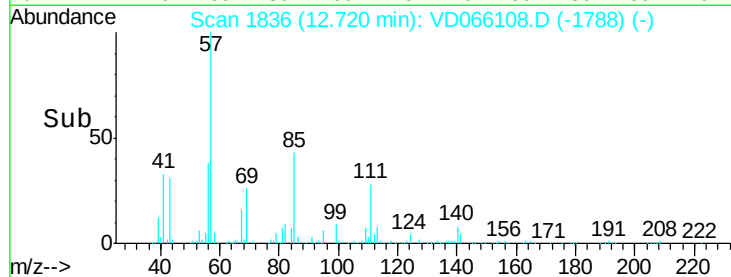
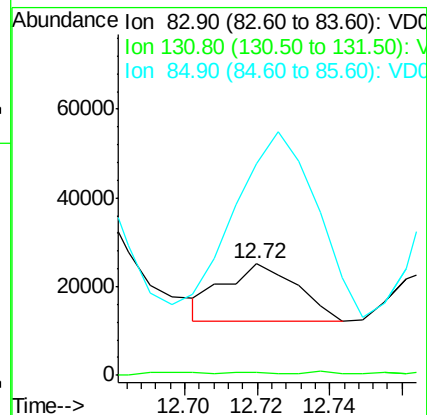
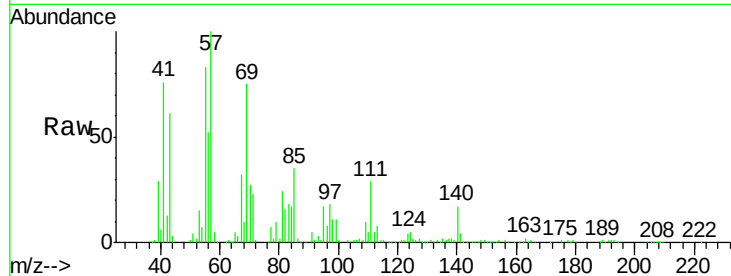
Tot Ion: 83 Resp: 18205

Ion Ratio Lower Upper

83 100

131 2.2 5.7 17.1#

85 390.6 31.9 95.5#



#76

1,2,3-Trichloropropane

Concen: 2.164 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.04 min

Lab File: VD066108.D

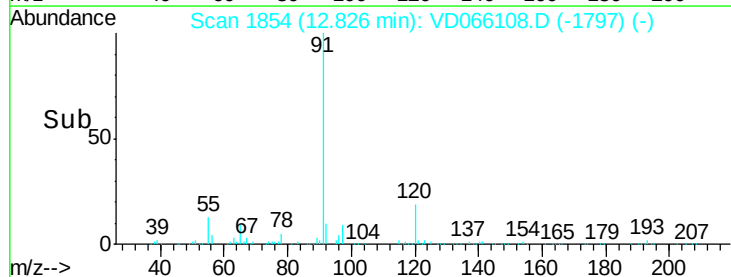
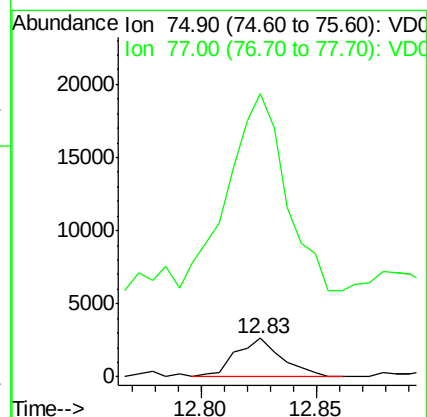
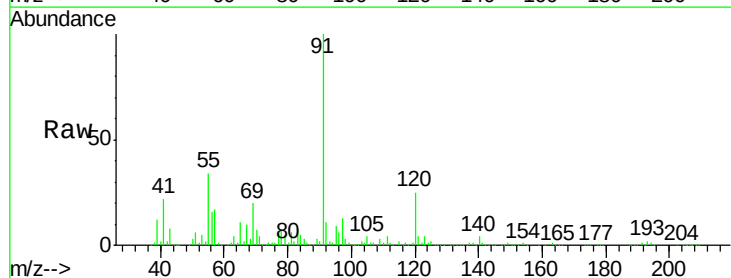
Acq: 30 Jul 2020 13:46

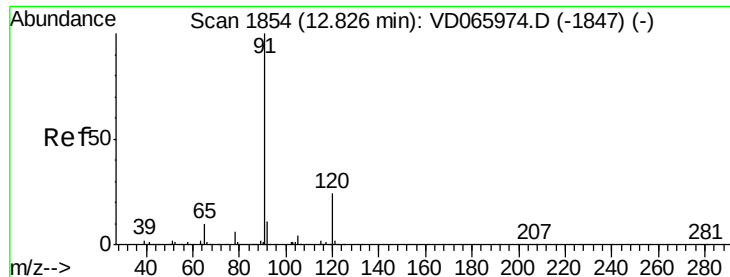
Tgt Ion: 75 Resp: 3701

Ion Ratio Lower Upper

75 100

77 712.2 0.0 0.0#





#78

n-propylbenzene

Concen: 30.015 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD066108.D

Acq: 30 Jul 2020 13:46

Instrument :

MSVOA_D

ClientSampleId :

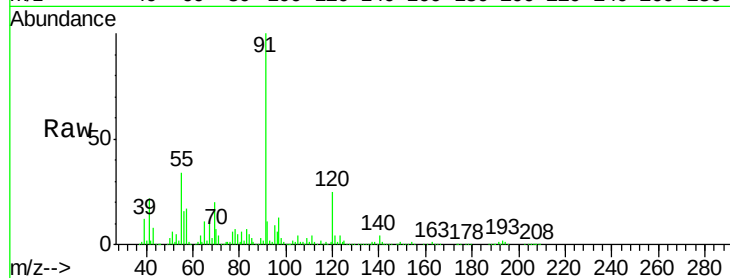
ROLLOFF-72-12012

Tot Ion: 91 Resp: 478610

Ion Ratio Lower Upper

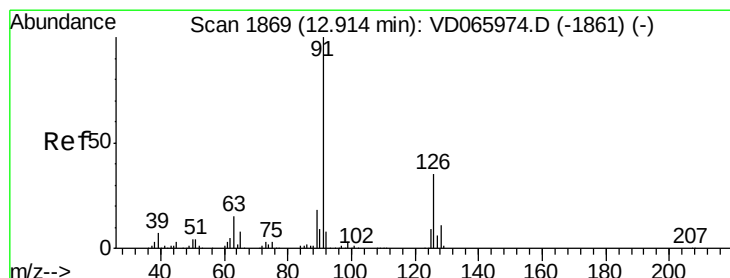
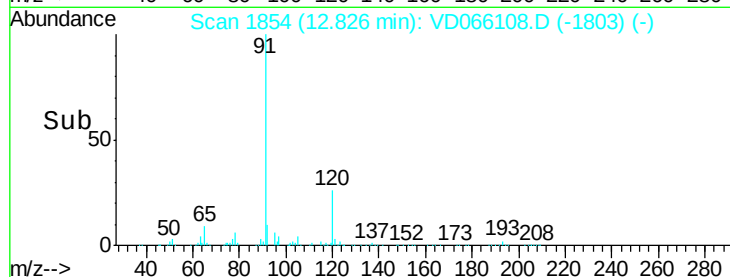
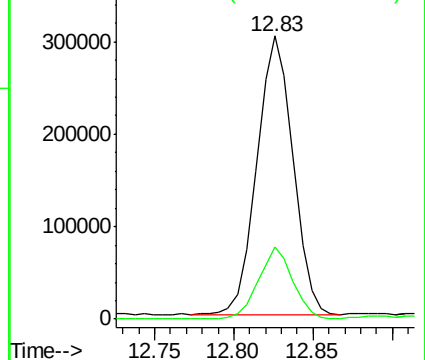
91 100

120 24.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 52.538 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.09 min

Lab File: VD066108.D

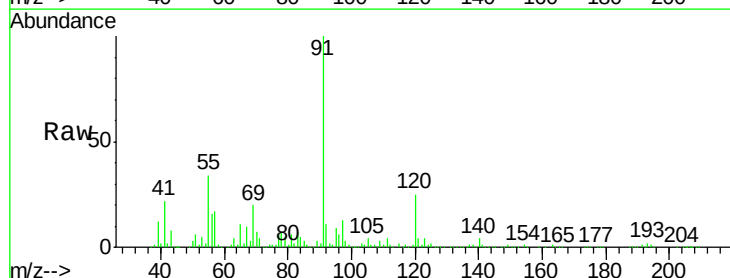
Acq: 30 Jul 2020 13:46

Tgt Ion: 91 Resp: 478610

Ion Ratio Lower Upper

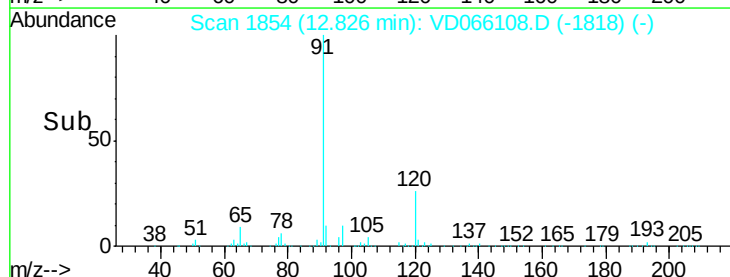
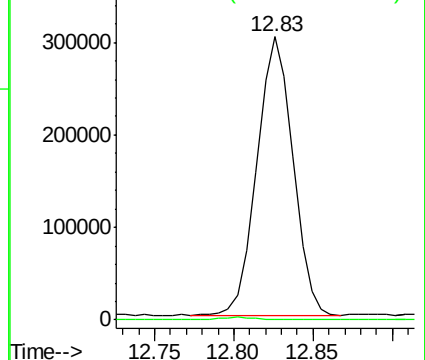
91 100

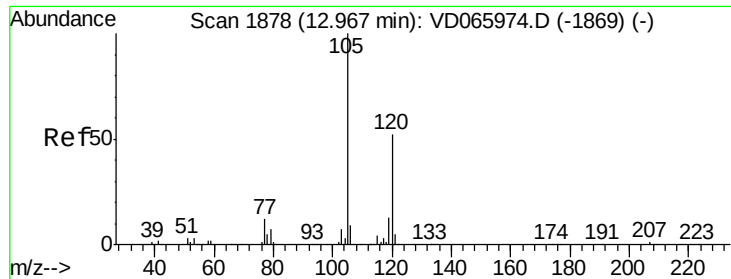
126 0.0 17.7 53.1#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

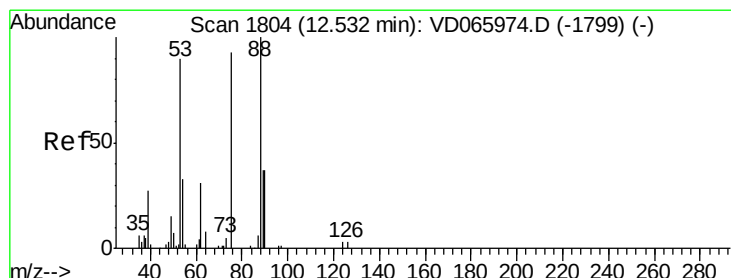
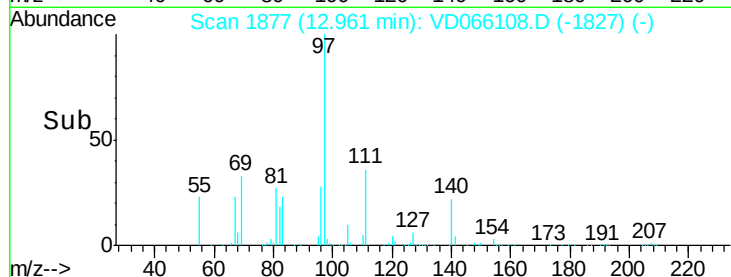
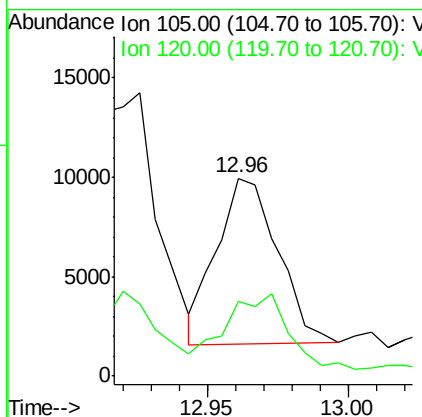
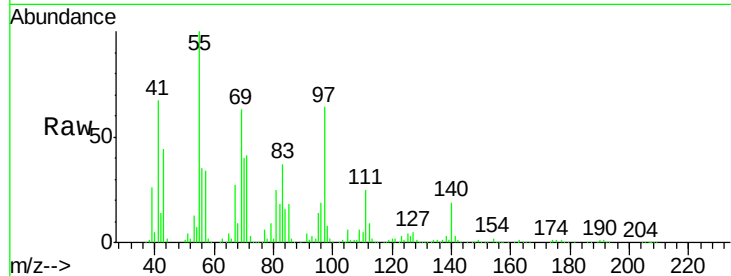




#80
 1,3,5-Trimethylbenzene
 Concen: 1.109 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.01 min
 Lab File: VD066108.D
 Acq: 30 Jul 2020 13:46

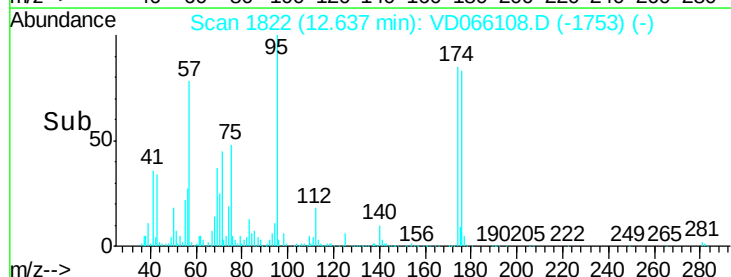
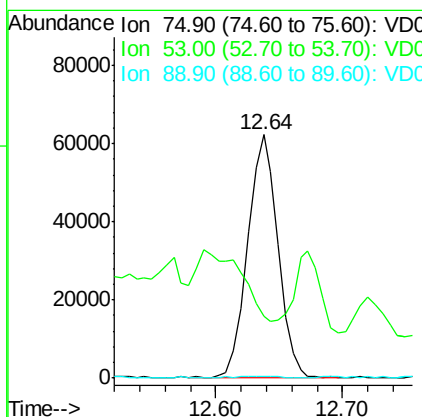
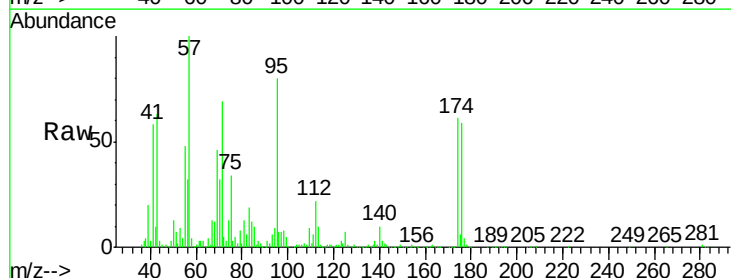
Instrument :
 MSVOA_D
 ClientSampleId :
 ROLLOFF-72-12012

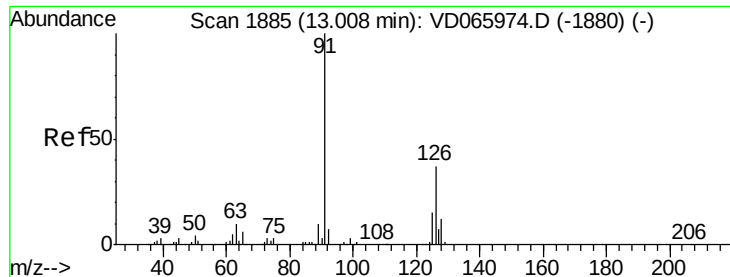
Tot Ion:105 Resp: 12525
 Ion Ratio Lower Upper
 105 100
 120 47.7 25.6 76.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 139.066 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD066108.D
 Acq: 30 Jul 2020 13:46

Tgt Ion: 75 Resp: 103628
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.8 115.2#
 89 1.0 37.0 55.4#





#82

4-Chlorotoluene

Concen: 49.775 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.18 min

Lab File: VD066108.D

Acq: 30 Jul 2020 13:46

Instrument :

MSVOA_D

ClientSampleId :

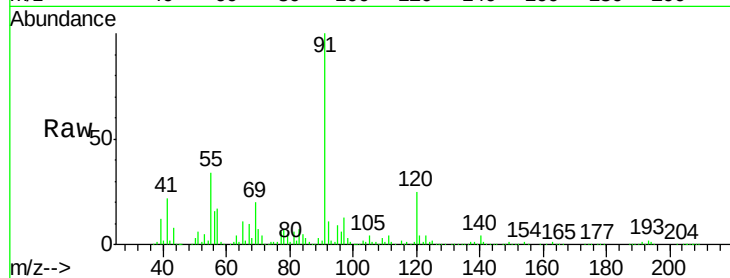
ROLLOFF-72-12012

Tot Ion: 91 Resp: 478610

Ion Ratio Lower Upper

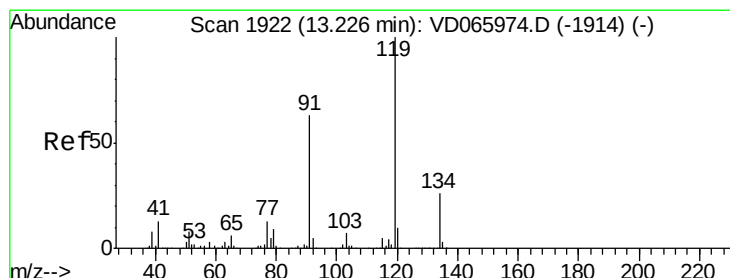
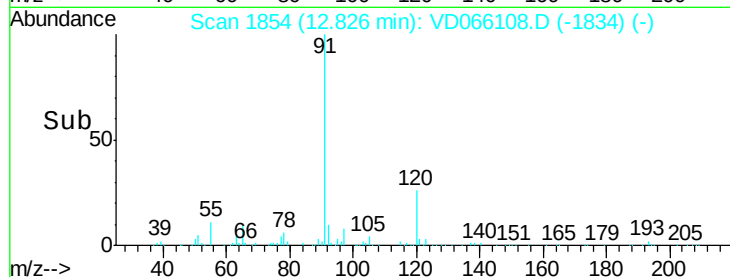
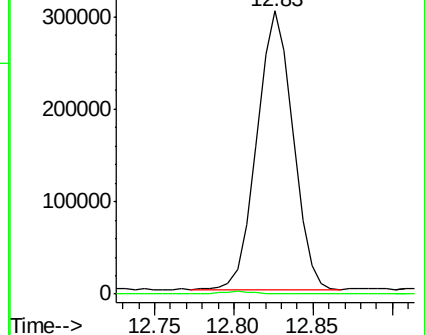
91 100

126 0.0 17.8 53.5#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 2.535 ug/l

RT: 13.23 min Scan# 1923

Delta R.T. 0.01 min

Lab File: VD066108.D

Acq: 30 Jul 2020 13:46

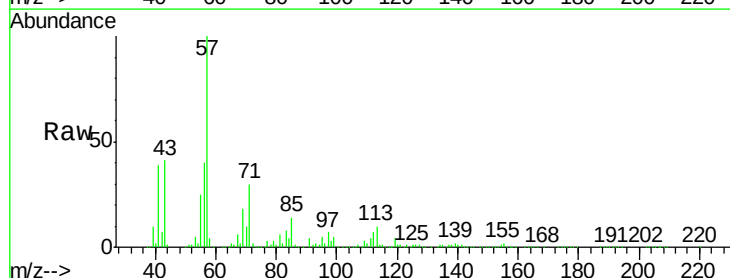
Tgt Ion: 119 Resp: 25046

Ion Ratio Lower Upper

119 100

91 58.8 30.6 91.6

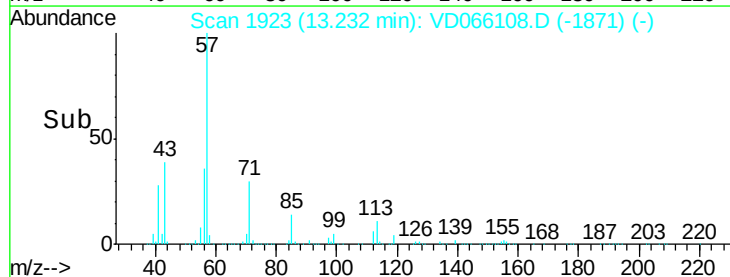
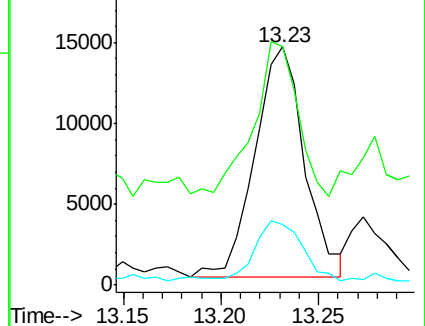
134 25.1 13.9 41.7

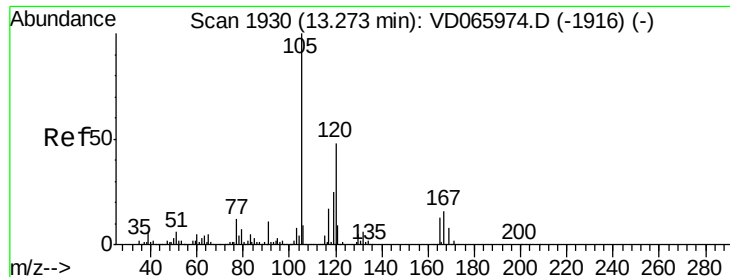


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V

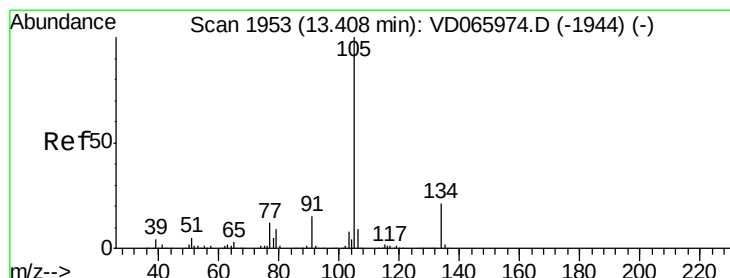
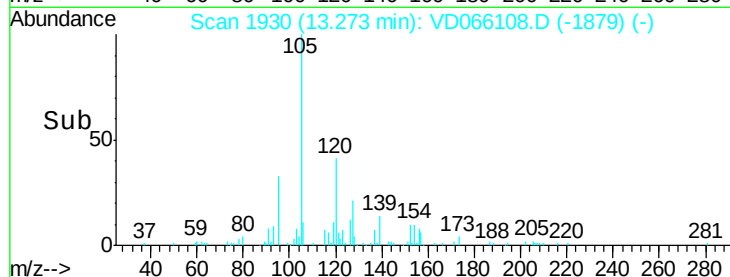
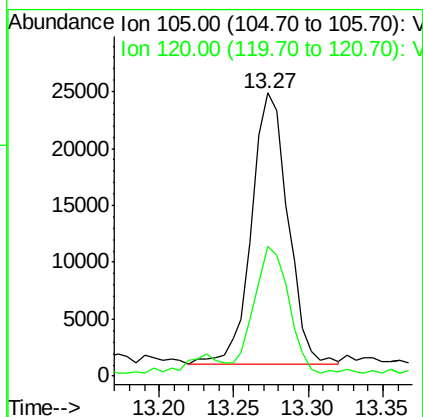
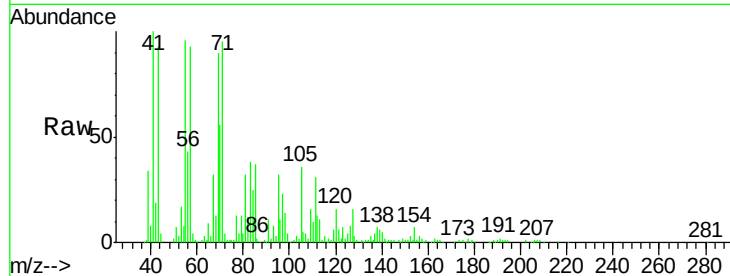




#84
 1,2,4-Trimethylbenzene
 Concen: 3.582 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD066108.D
 Acq: 30 Jul 2020 13:46

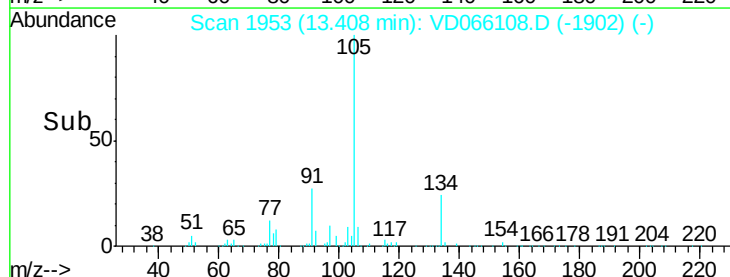
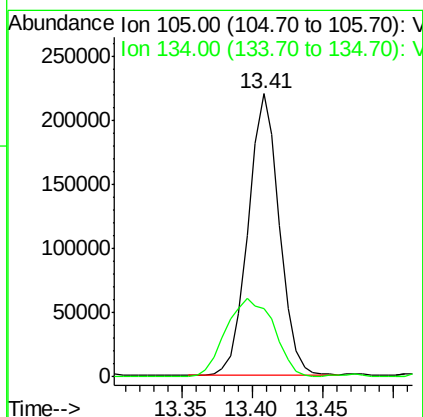
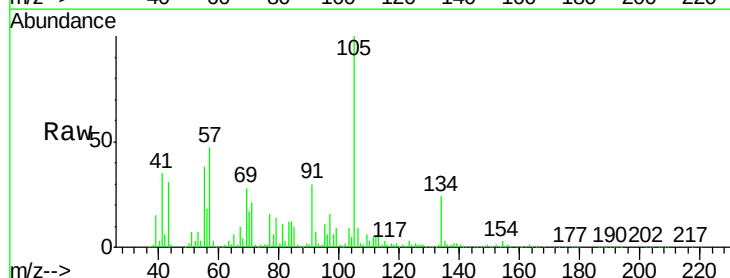
Instrument :
 MSVOA_D
 ClientSampleId :
 ROLLOFF-72-12012

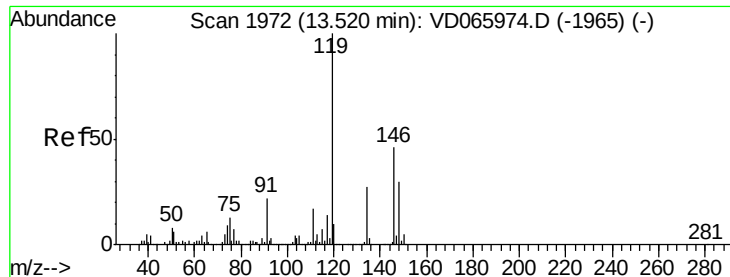
Tot Ion:105 Resp: 39899
 Ion Ratio Lower Upper
 105 100
 120 44.8 23.9 71.8



#85
 sec-Butylbenzene
 Concen: 25.029 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD066108.D
 Acq: 30 Jul 2020 13:46

Tgt Ion:105 Resp: 340583
 Ion Ratio Lower Upper
 105 100
 134 42.6 10.4 31.4#

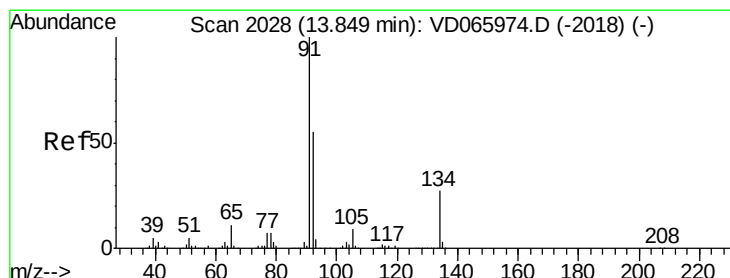
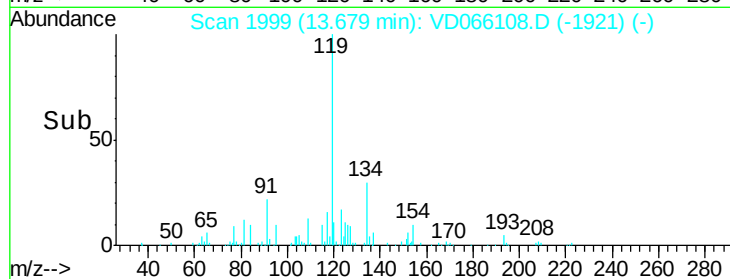
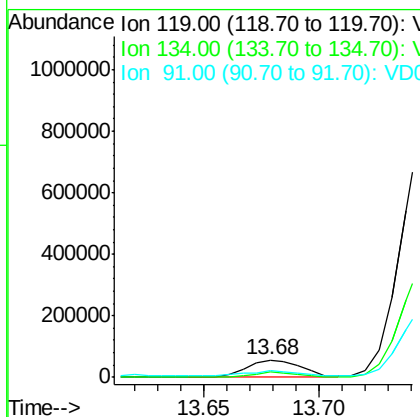
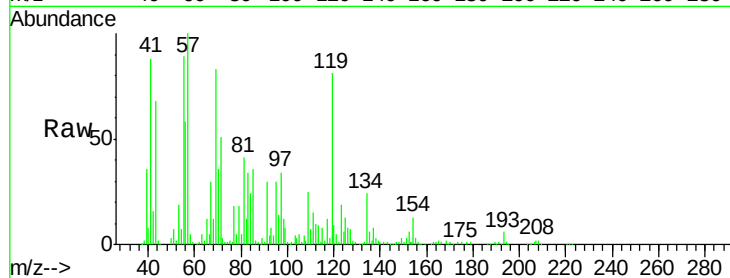




#86
 p-Isopropyltoluene
 Concen: 7.414 ug/l
 RT: 13.68 min Scan# 1999
 Delta R.T. 0.16 min
 Lab File: VD066108.D
 Acq: 30 Jul 2020 13:46

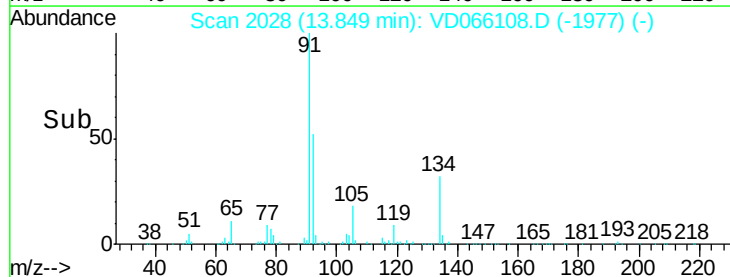
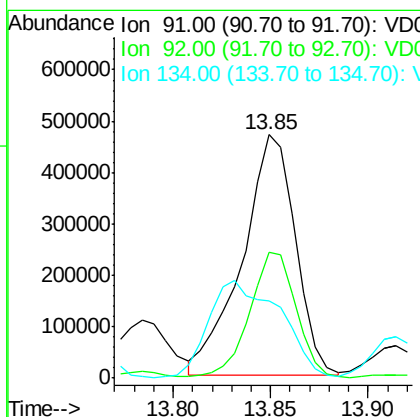
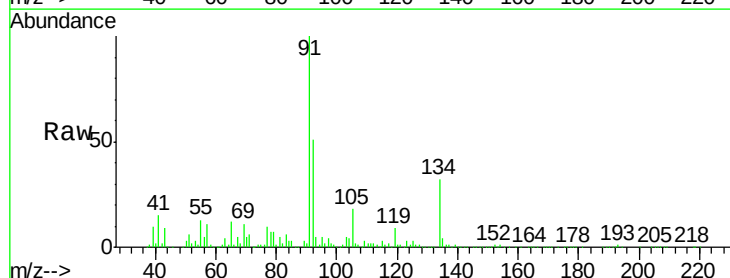
Instrument :
 MSVOA_D
 ClientSampleId :
 ROLLOFF-72-12012

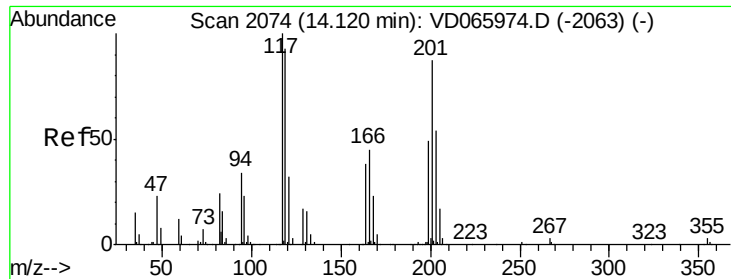
Tot Ion:119 Resp: 91649
 Ion Ratio Lower Upper
 119 100
 134 29.5 13.4 40.2
 91 24.1 11.1 33.3



#89
 n-Butylbenzene
 Concen: 76.698 ug/l
 RT: 13.85 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: VD066108.D
 Acq: 30 Jul 2020 13:46

Tgt Ion: 91 Resp: 881643
 Ion Ratio Lower Upper
 91 100
 92 45.4 27.2 81.6
 134 54.4 13.8 41.4#

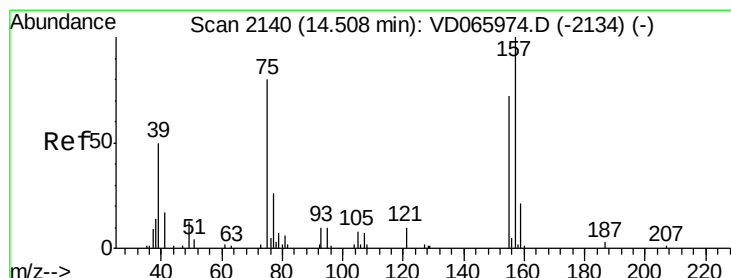
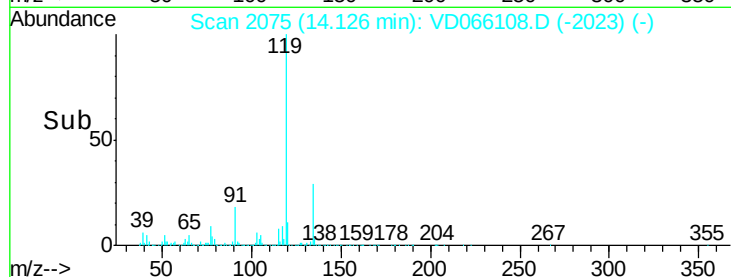
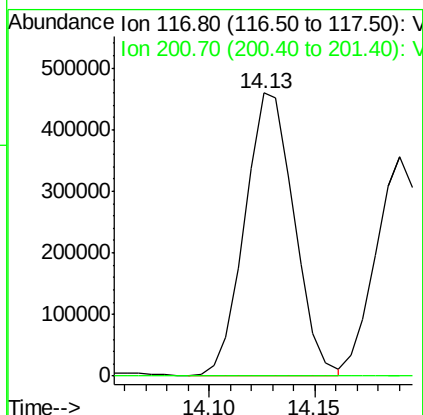
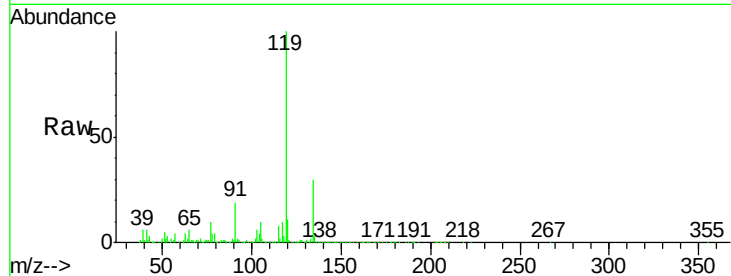




#90
Hexachloroethane
Concen: 289.592 ug/l
RT: 14.13 min Scan# 2075
Delta R.T. 0.01 min
Lab File: VD066108.D
Acq: 30 Jul 2020 13:46

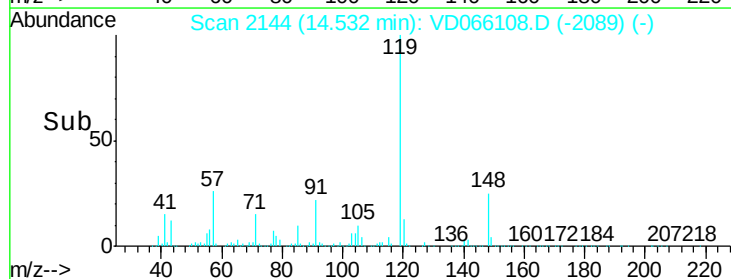
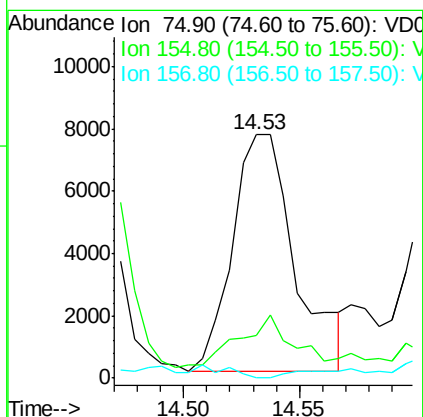
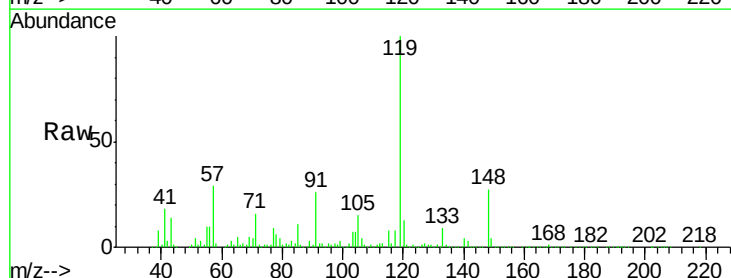
Instrument :
MSVOA_D
ClientSampleId :
ROLLOFF-72-12012

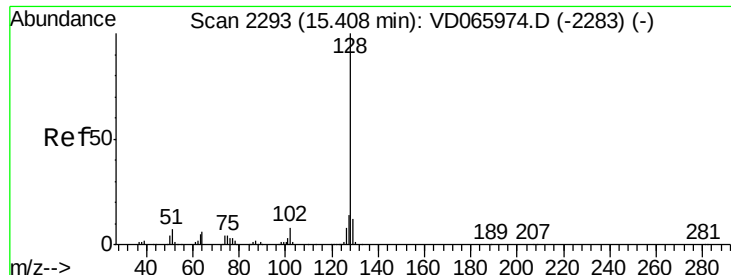
Tot Ion:117 Resp: 741119
Ion Ratio Lower Upper
117 100
201 0.0 42.0 126.1#



#92
1,2-Dibromo-3-Chloropropane
Concen: 38.746 ug/l
RT: 14.53 min Scan# 2144
Delta R.T. 0.02 min
Lab File: VD066108.D
Acq: 30 Jul 2020 13:46

Tgt Ion: 75 Resp: 14421
Ion Ratio Lower Upper
75 100
155 18.7 48.5 145.5#
157 0.0 64.7 194.1#





#95

Naphthalene

Concen: 8.188 ug/l

RT: 15.38 min Scan# 2288

Delta R.T. -0.03 min

Lab File: VD066108.D

Acq: 30 Jul 2020 13:46

Instrument :

MSVOA_D

ClientSampleId :

ROLLOFF-72-12012

Tot Ion:128 Resp: 36023

Ion Ratio Lower Upper

128 100

127 91.5 10.8 16.2#

129 114.8 8.9 13.3#

