

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080620\
 Data File : VD066138.D
 Acq On : 06 Aug 2020 16:54
 Operator : VA/SY
 Sample : L3568-04
 Misc : 7.53G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 8/5-F-J

Quant Time: Aug 07 01:27:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	270177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	457870	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	504833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	256016	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	121574	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
35) Dibromofluoromethane	7.91	113	137163	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
50) Toluene-d8	10.34	98	578361	54.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.06%	
62) 4-Bromofluorobenzene	12.63	95	253620	65.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	131.46%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.30	142	96	6.747	ug/l #	39
11) Tert butyl alcohol	5.22	59	60	Below Cal	#	76
16) Acetone	4.15	43	28056	61.344	ug/l	100
17) Carbon Disulfide	4.41	76	25275	3.322	ug/l	96
20) Methylene Chloride	4.96	84	11398	Below Cal	#	83
25) 2-Butanone	7.21	43	5002	7.436	ug/l	95
31) Cyclohexane	7.97	56	13202	3.126	ug/l #	68
36) 1,1-Dichloropropene	7.97	75	17982	4.179	ug/l #	50
37) Ethyl Acetate	7.21	43	5002	2.934	ug/l #	70
38) Carbon Tetrachloride	7.98	117	25821	5.382	ug/l #	15
39) Methylcyclohexane	9.35	83	50561	9.721	ug/l	95
43) Isopropyl Acetate	8.44	43	3611	1.075	ug/l #	50
48) Methyl methacrylate	9.40	41	4366	2.546	ug/l #	16
55) 1,1,2-Trichloroethane	10.77	97	35421	15.298	ug/l #	23
56) Ethyl methacrylate	10.68	69	17773	6.390	ug/l #	1
59) 2-Hexanone	10.95	43	36979	30.540	ug/l #	28
67) Ethyl Benzene	11.74	91	30523	1.719	ug/l	98
68) m/p-Xylenes	11.85	106	46651	6.780	ug/l	97
69) o-Xylene	12.18	106	37619	6.010	ug/l	96
73) Isopropylbenzene	12.48	105	40624	2.377	ug/l	99
74) N-amyl acetate	12.27	43	51536	13.695	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	12.71	83	9448	3.242	ug/l #	80
76) 1,2,3-Trichloropropane	12.63	75	118451	55.481	ug/l #	100
78) n-propylbenzene	12.83	91	38513	1.939	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	53087	3.714	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.63	75	118451	122.644	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.27	105	136587	9.549	ug/l	99
85) sec-Butylbenzene	13.41	105	91114	5.369	ug/l	79
89) n-Butylbenzene	13.85	91	28911	2.027	ug/l #	78
90) Hexachloroethane	14.12	117	22664	7.140	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	14.53	75	788	1.573	ug/l #	1
95) Naphthalene	15.41	128	162346	18.490	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration

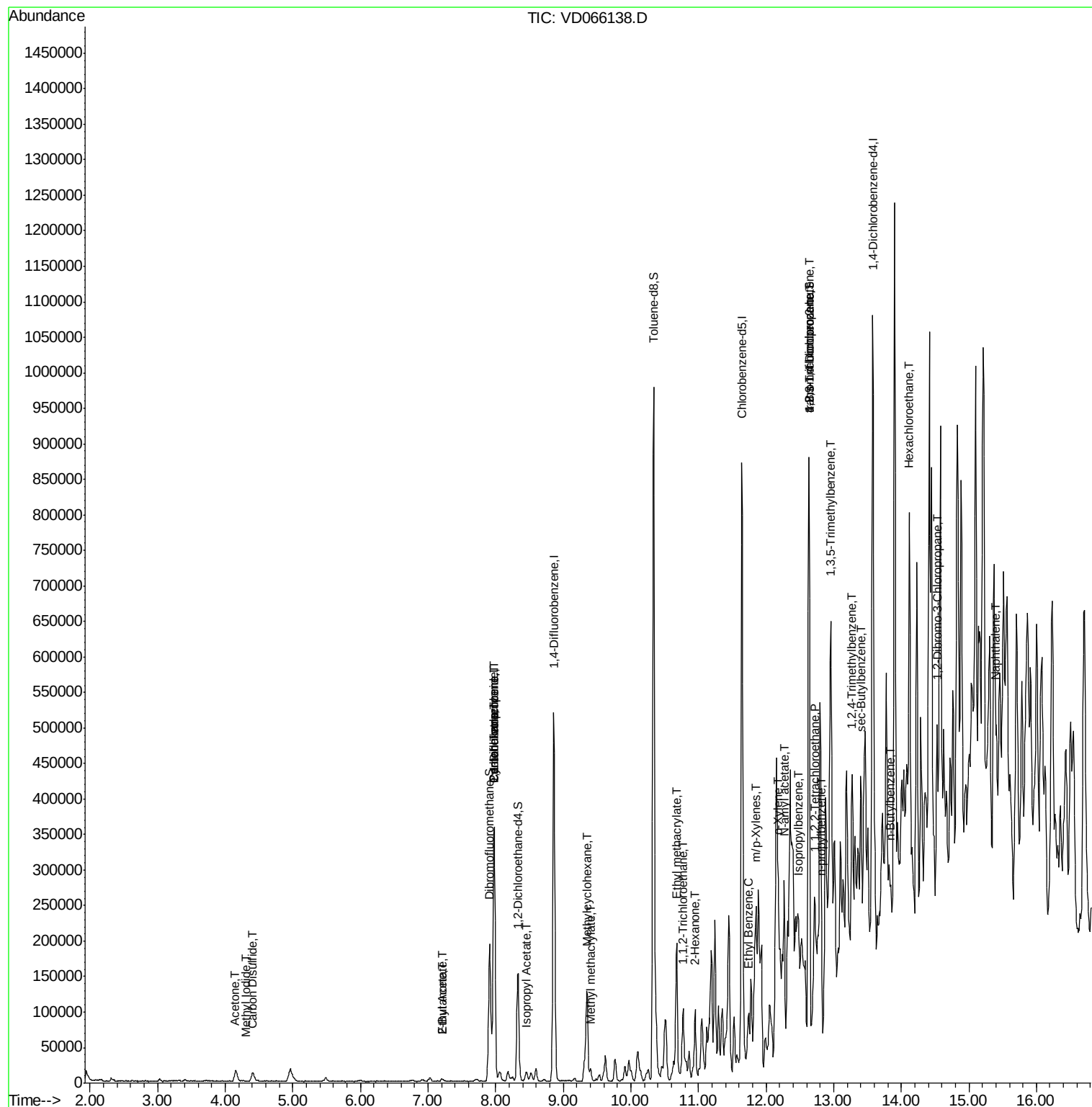
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

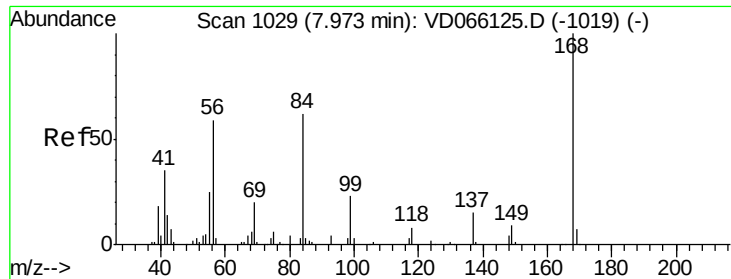
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD080620\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066138.D

Acq: 06 Aug 2020 16:54

Instrument :

MSVOA_D

ClientSampleId :

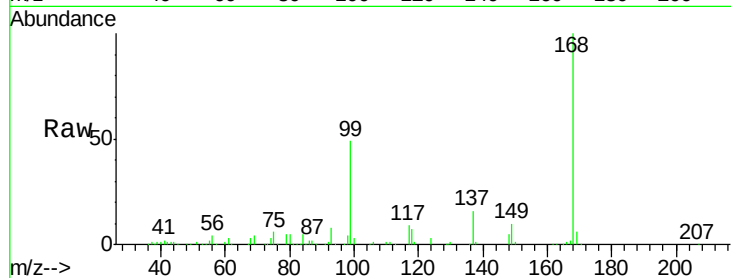
8/5-F-J

Tot Ion:168 Resp: 270177

Ion Ratio Lower Upper

168 100

99 49.4 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.98

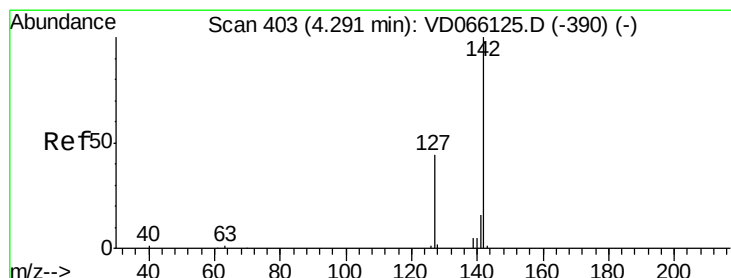
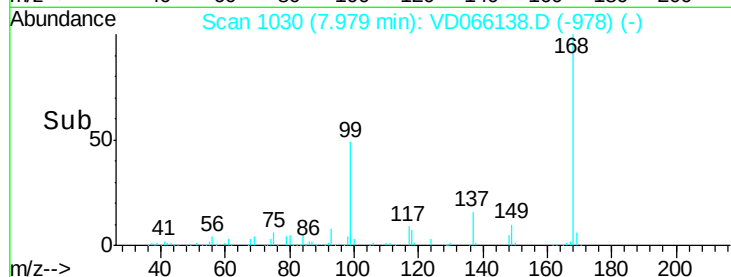
100000

50000

0

Time-->

7.90 8.00 8.10



#10

Methyl Iodide

Concen: 6.747 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066138.D

Acq: 06 Aug 2020 16:54

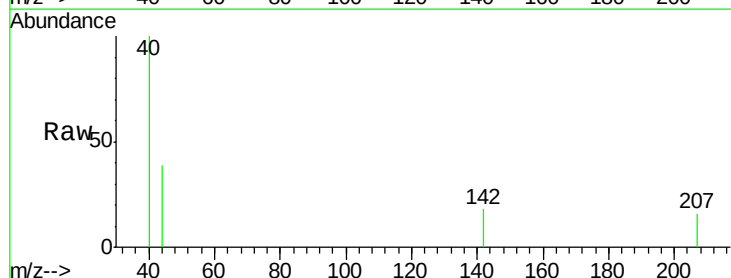
Tgt Ion:142 Resp: 96

Ion Ratio Lower Upper

142 100

127 0.0 36.2 54.4#

141 0.0 12.6 18.8#



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

4.30

300

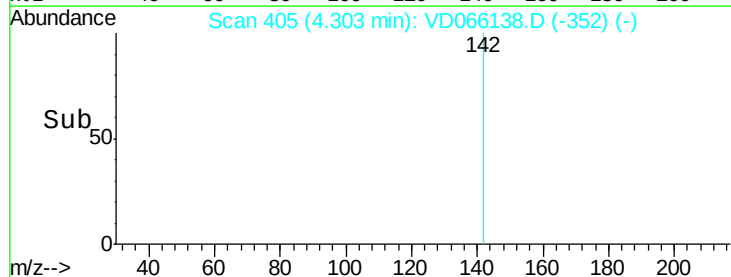
200

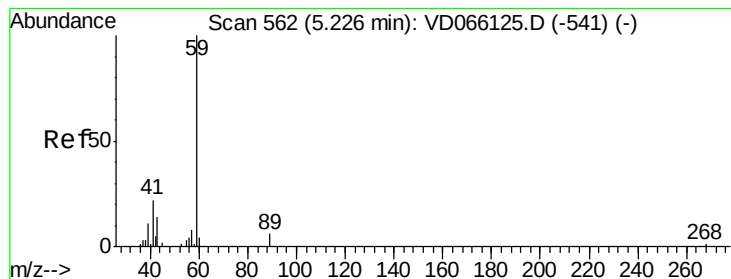
100

0

Time-->

4.28 4.29 4.30 4.31 4.32



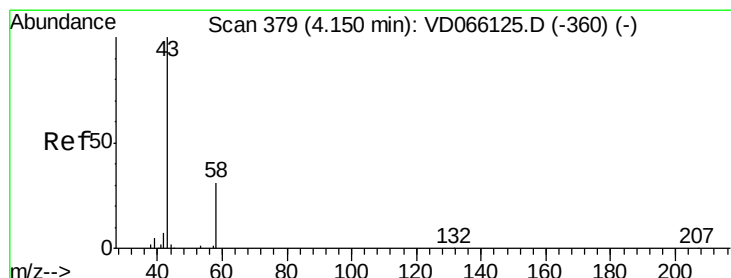
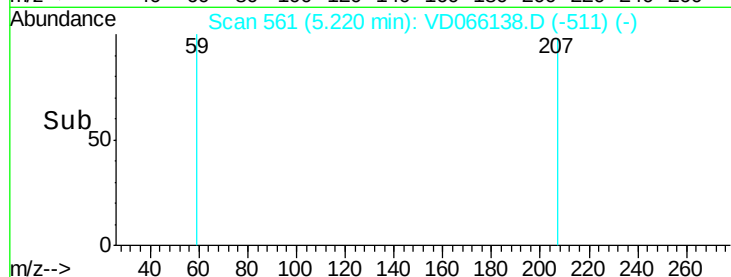
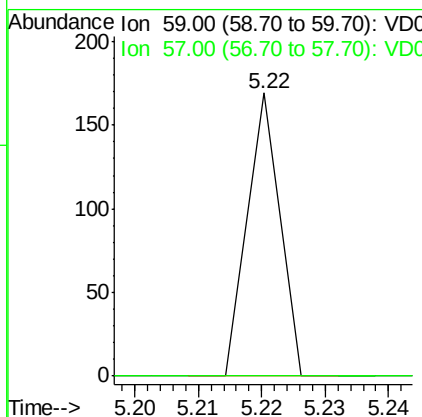
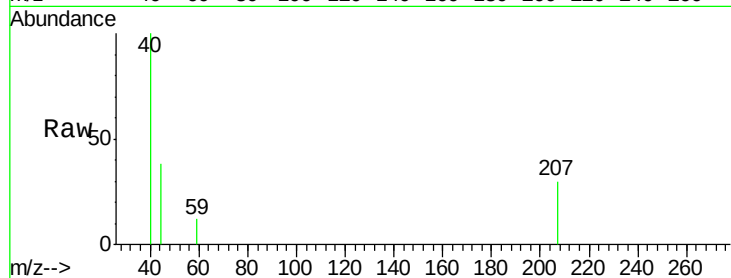


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.22 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: VD066138.D
 Acq: 06 Aug 2020 16:54

Instrument :
 MSVOA_D
 ClientSampleId :
 8/5-F-J

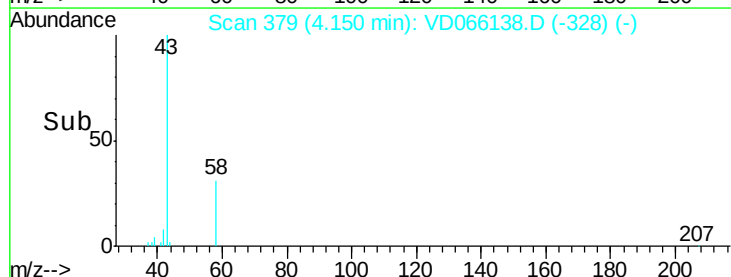
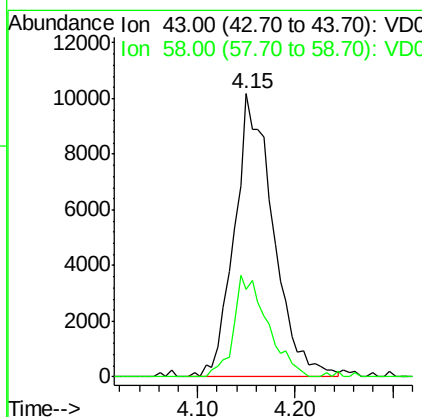
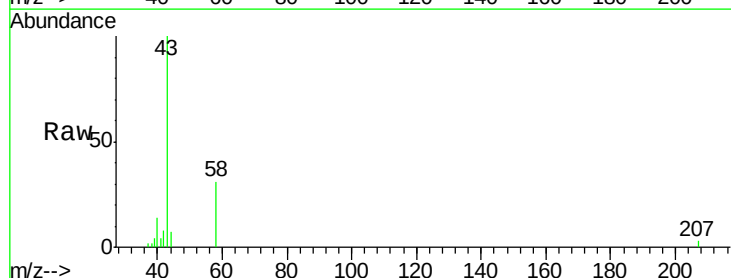
Tot Ion: 59 Resp: 60
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.0 10.4#

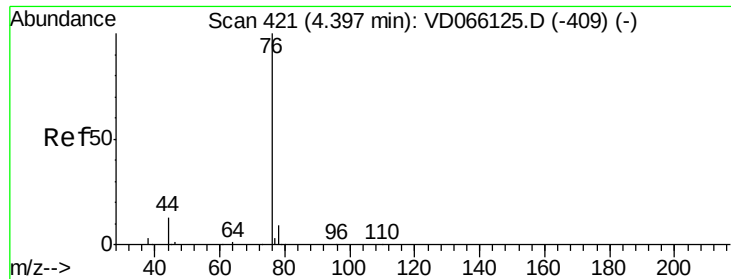


#16

Acetone
 Concen: 61.344 ug/l
 RT: 4.15 min Scan# 379
 Delta R.T. 0.00 min
 Lab File: VD066138.D
 Acq: 06 Aug 2020 16:54

Tgt Ion: 43 Resp: 28056
 Ion Ratio Lower Upper
 43 100
 58 30.8 24.7 37.1

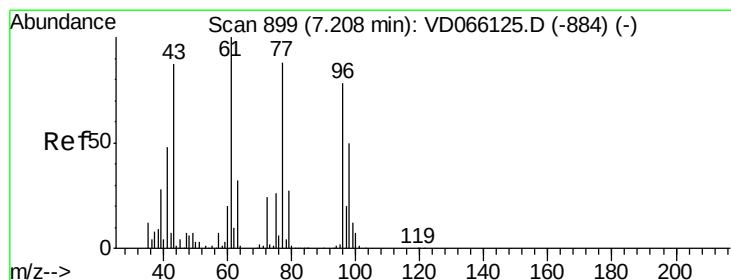
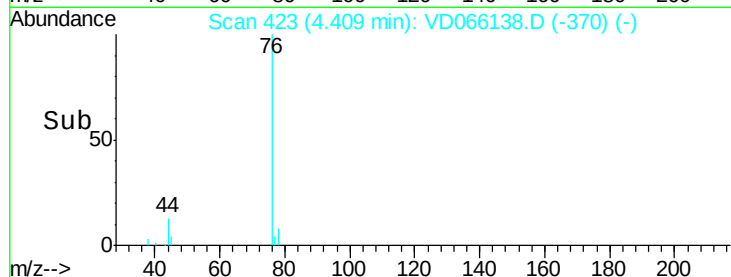
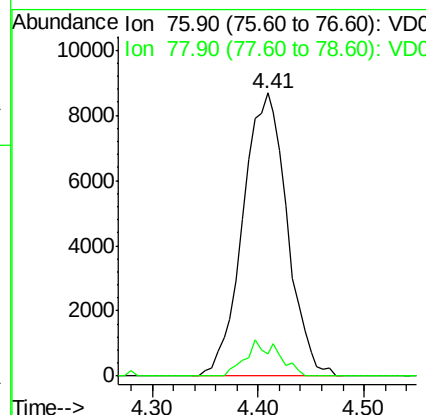
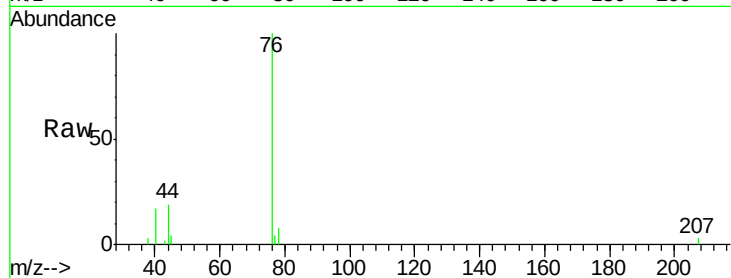




#17
Carbon Disulfide
Concen: 3.322 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.01 min
Lab File: VD066138.D
Acq: 06 Aug 2020 16:54

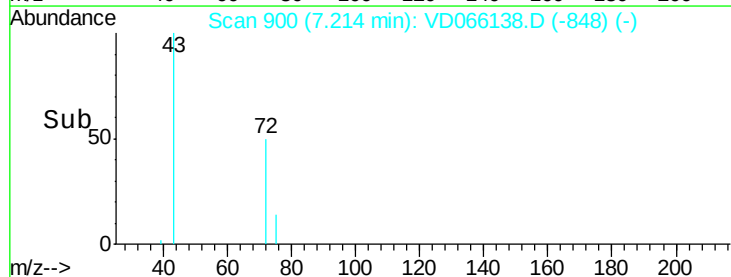
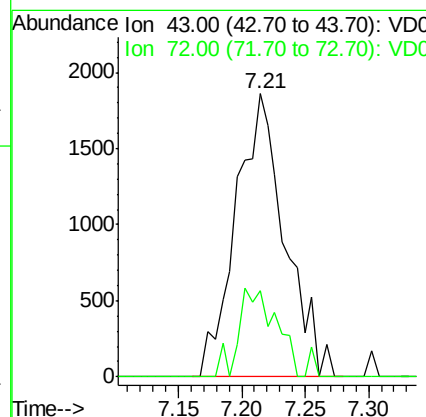
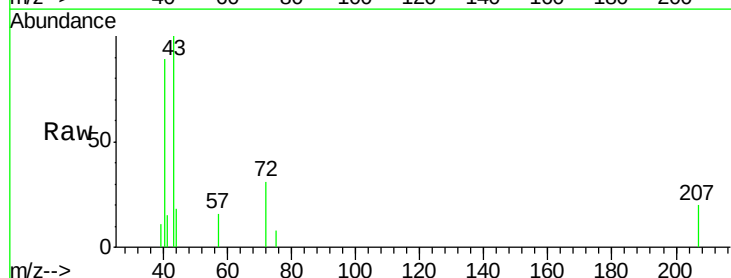
Instrument :
MSVOA_D
ClientSampleId :
8/5-F-J

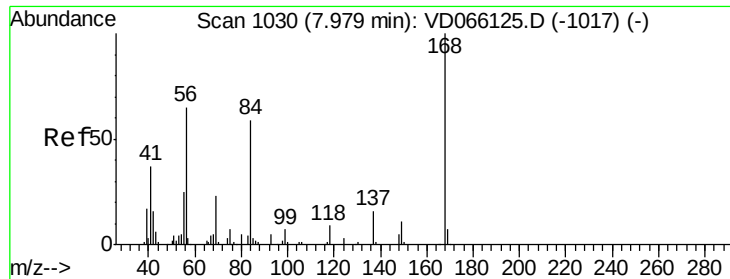
Tot Ion: 76 Resp: 25275
Ion Ratio Lower Upper
76 100
78 8.1 7.5 11.3



#25
2-Butanone
Concen: 7.436 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD066138.D
Acq: 06 Aug 2020 16:54

Tgt Ion: 43 Resp: 5002
Ion Ratio Lower Upper
43 100
72 30.6 22.2 33.2

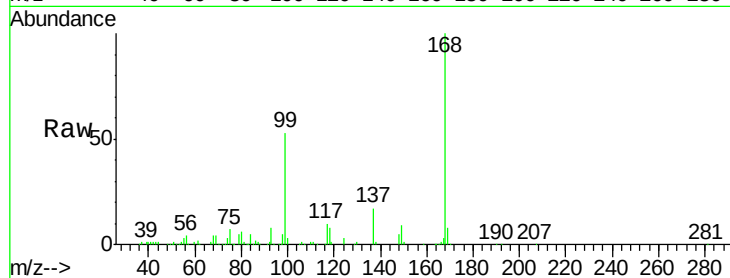




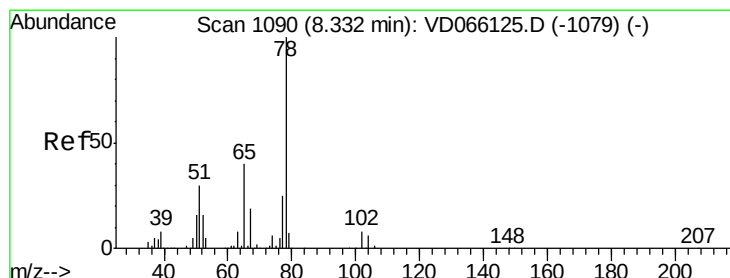
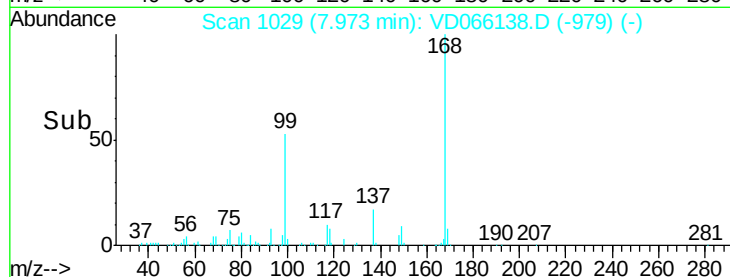
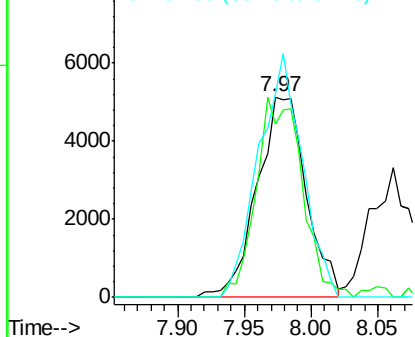
#31
Cyclohexane
Concen: 3.126 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066138.D
Acq: 06 Aug 2020 16:54

Instrument :
MSVOA_D
ClientSampleId :
8/5-F-J

Tot Ion: 56 Resp: 13202
Ion Ratio Lower Upper
56 100
69 86.3 28.8 43.2#
84 102.0 73.0 109.6

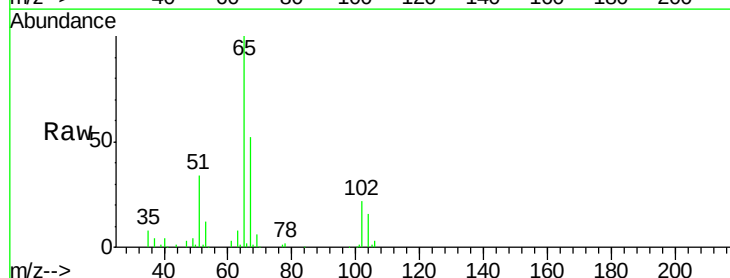


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

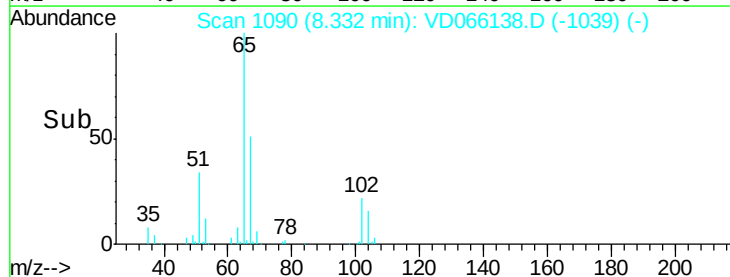
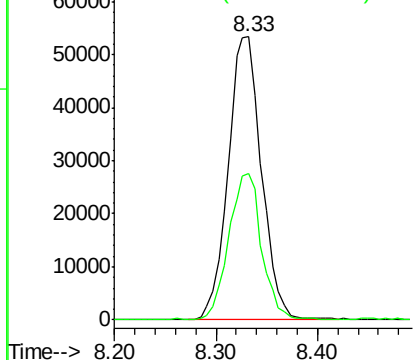


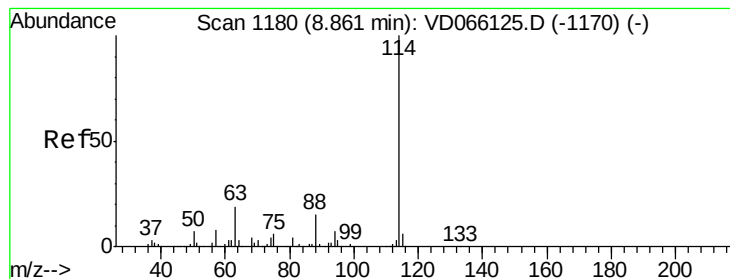
#33
1,2-Dichloroethane-d4
Concen: 50.438 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD066138.D
Acq: 06 Aug 2020 16:54

Tgt Ion: 65 Resp: 121574
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066138.D

Acq: 06 Aug 2020 16:54

Instrument :

MSVOA_D

ClientSampleId :

8/5-F-J

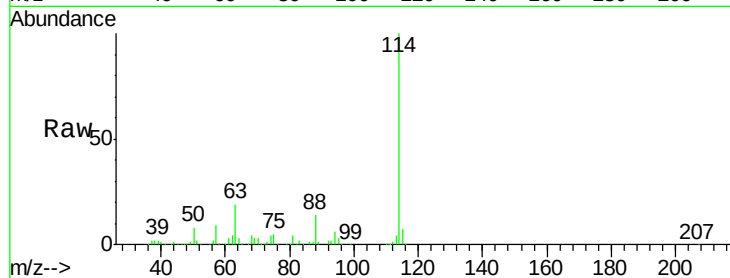
Tot Ion:114 Resp: 457870

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.6

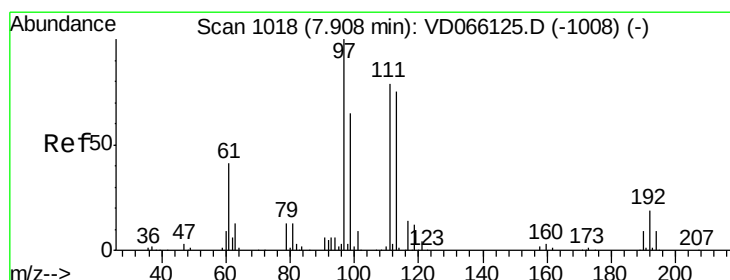
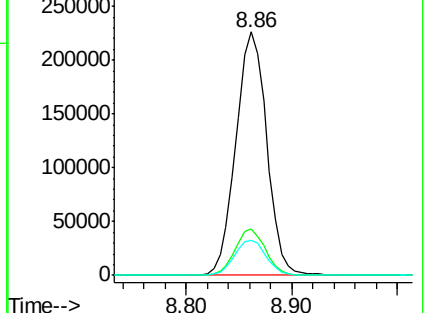
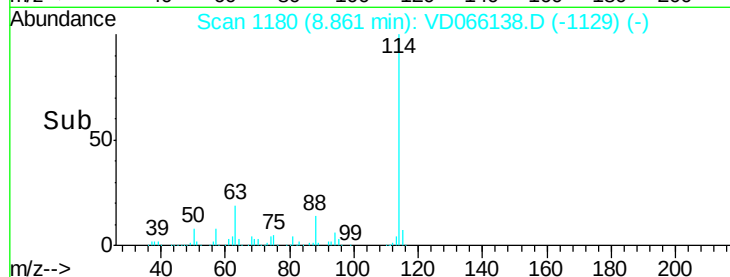
88 14.2 0.0 30.0



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: 47.288 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066138.D

Acq: 06 Aug 2020 16:54

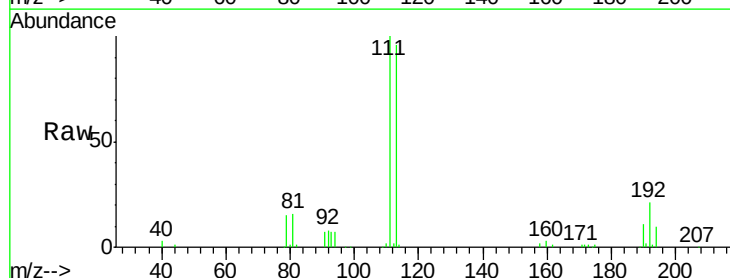
Tgt Ion:113 Resp: 137163

Ion Ratio Lower Upper

113 100

111 103.1 80.7 121.1

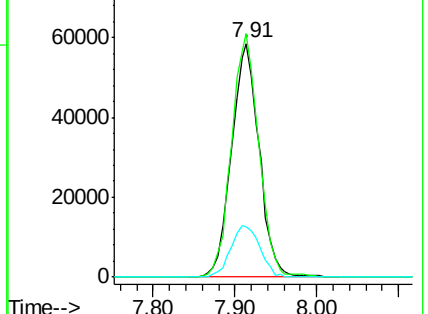
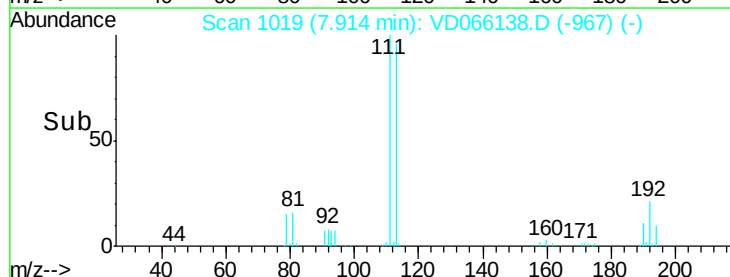
192 23.3 18.4 27.6

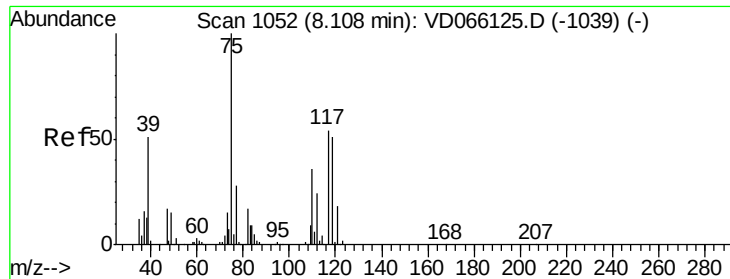


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.179 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.14 min

Lab File: VD066138.D

Acq: 06 Aug 2020 16:54

Instrument :

MSVOA_D

ClientSampled :

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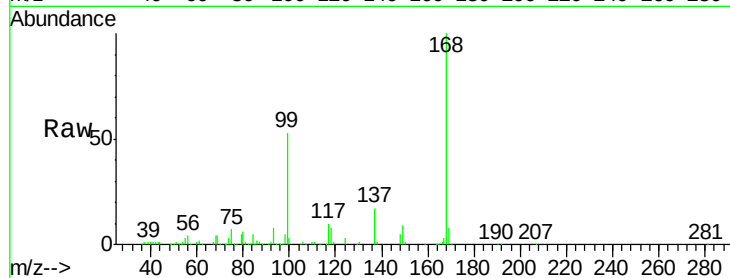
Tot Ion: 75 Resp: 17982

Ion Ratio Lower Upper

75 100

110 9.6 18.8 56.3#

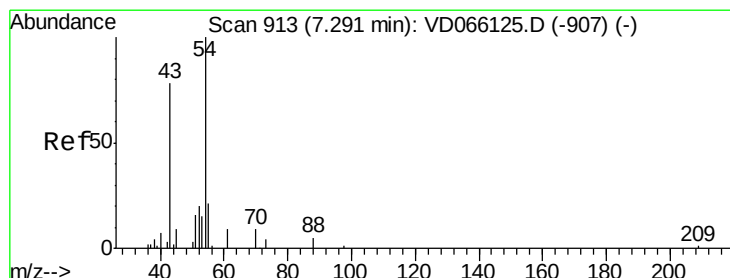
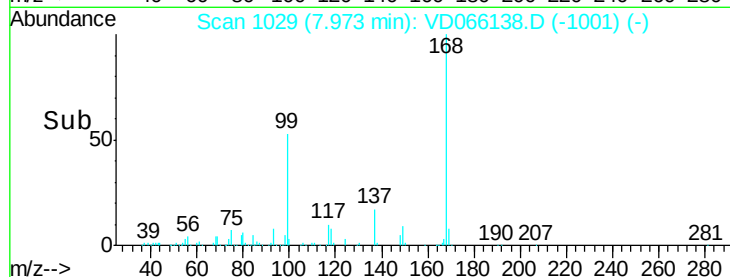
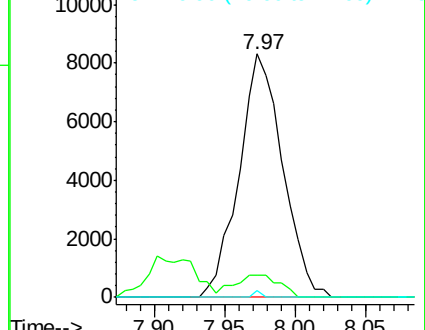
77 0.4 24.2 36.2#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 109.90 (109.60 to 110.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#37

Ethyl Acetate

Concen: 2.934 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.08 min

Lab File: VD066138.D

Acq: 06 Aug 2020 16:54

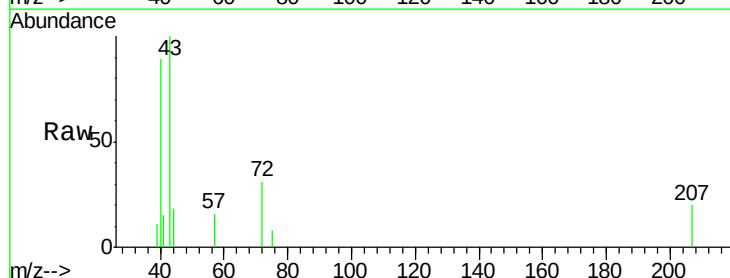
Tgt Ion: 43 Resp: 5002

Ion Ratio Lower Upper

43 100

61 3.0 12.0 18.0#

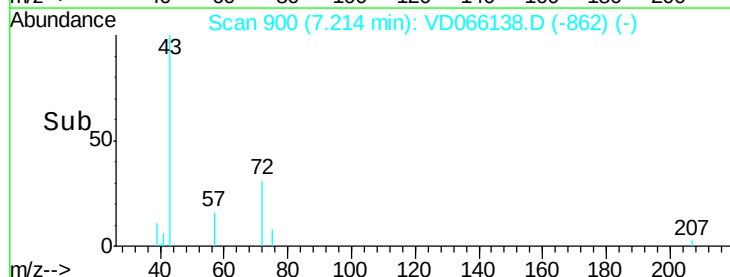
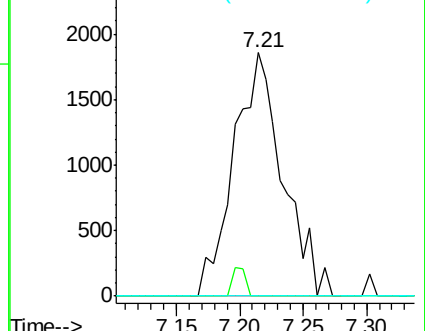
70 0.0 9.7 14.5#

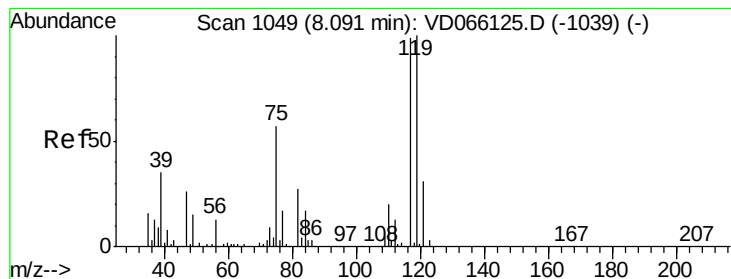


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 70.00 (69.70 to 70.70): VDC





#38

Carbon Tetrachloride

Concen: 5.382 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.11 min

Lab File: VD066138.D

Acq: 06 Aug 2020 16:54

Instrument :

MSVOA_D

ClientSampled :

8/5-F-J

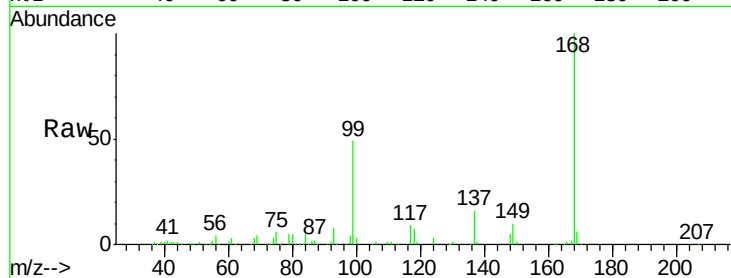
Tot Ion:117 Resp: 25821

Ion Ratio Lower Upper

117 100

119 6.5 81.0 121.4#

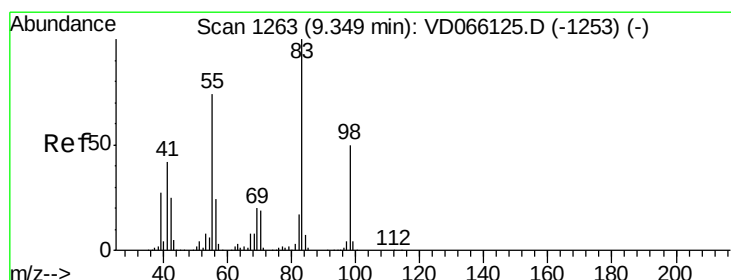
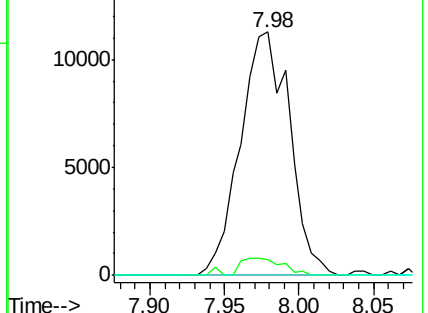
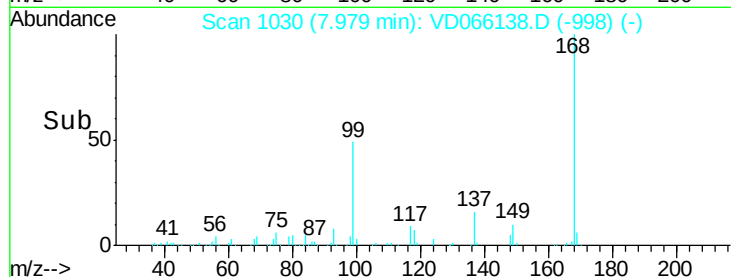
121 0.0 24.8 37.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 9.721 ug/l

RT: 9.35 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VD066138.D

Acq: 06 Aug 2020 16:54

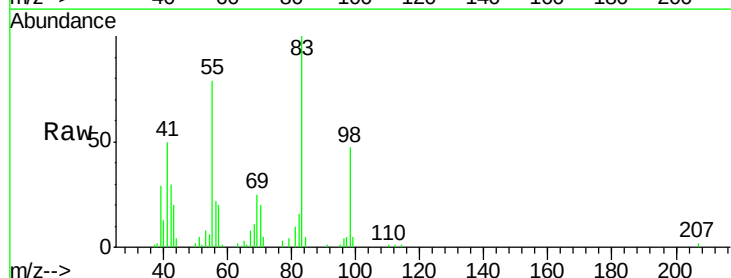
Tgt Ion: 83 Resp: 50561

Ion Ratio Lower Upper

83 100

55 79.0 59.2 88.8

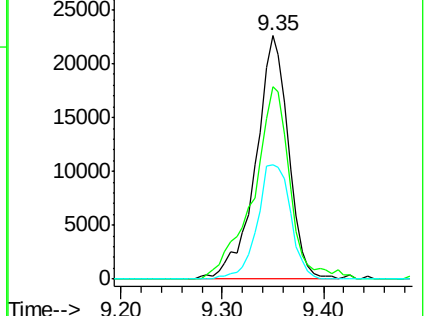
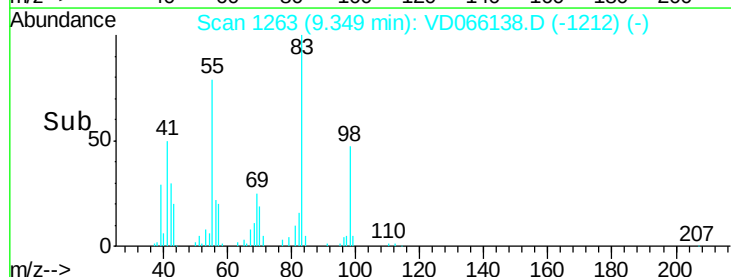
98 47.0 39.8 59.6

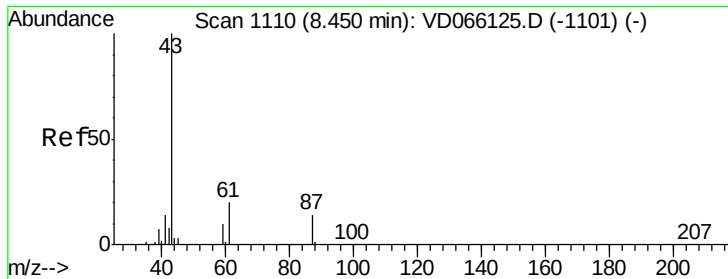


Abundance Ion 83.00 (82.70 to 83.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.00 (97.70 to 98.70): VDC





#43

Isopropyl Acetate

Concen: 1.075 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066138.D

Acq: 06 Aug 2020 16:54

Instrument :

MSVOA_D

ClientSampleId :

8/5-F-J

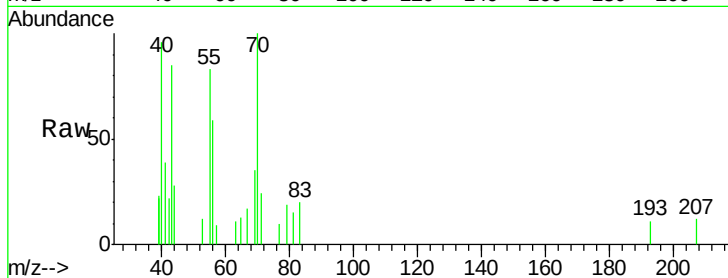
Tot Ion: 43 Resp: 3611

Ion Ratio Lower Upper

43 100

61 0.0 25.5 38.3#

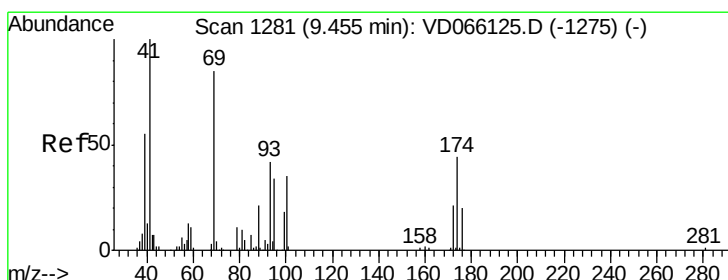
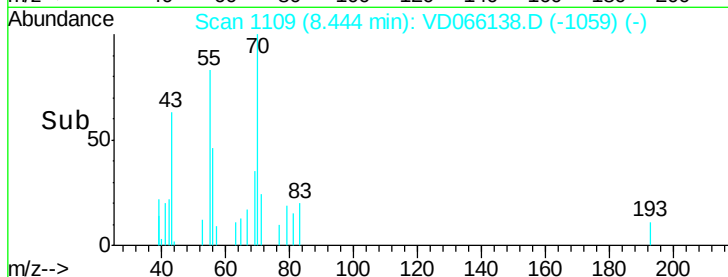
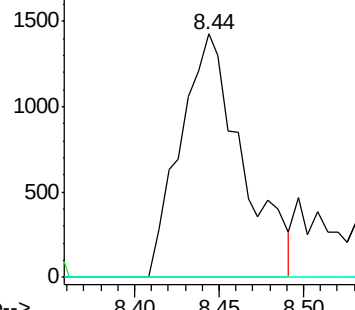
87 0.0 11.2 16.8#



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



#48

Methyl methacrylate

Concen: 2.546 ug/l

RT: 9.40 min Scan# 1271

Delta R.T. -0.06 min

Lab File: VD066138.D

Acq: 06 Aug 2020 16:54

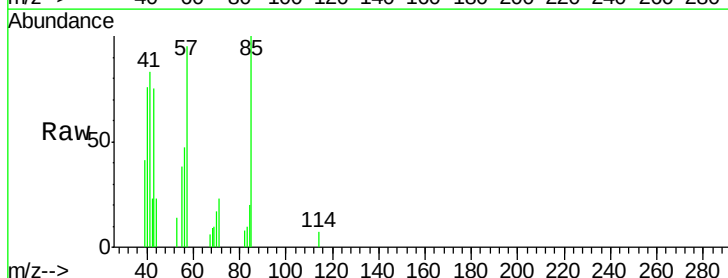
Tgt Ion: 41 Resp: 4366

Ion Ratio Lower Upper

41 100

69 0.0 63.9 95.9#

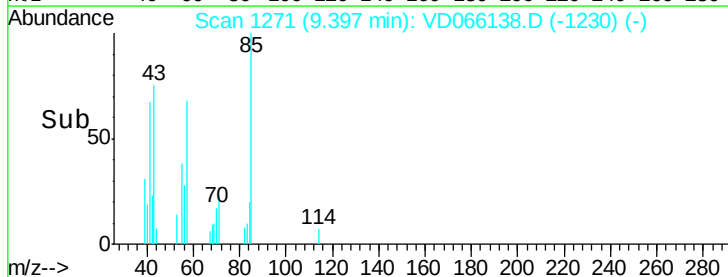
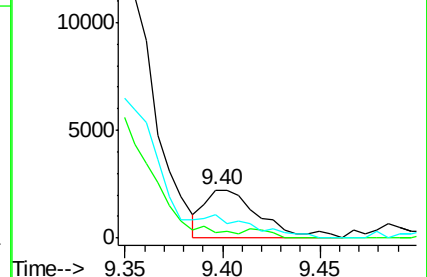
39 0.0 42.6 64.0#

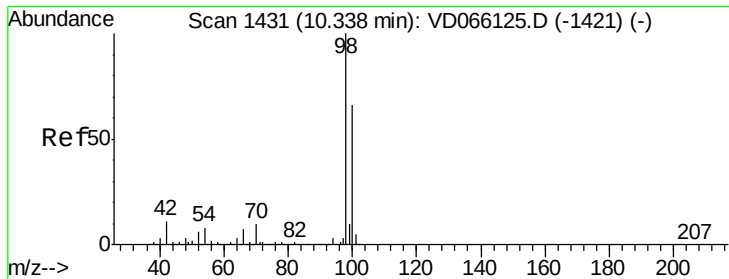


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#50

Toluene-d8

Concen: 54.033 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066138.D

Acq: 06 Aug 2020 16:54

Instrument :

MSVOA_D

ClientSampleId :

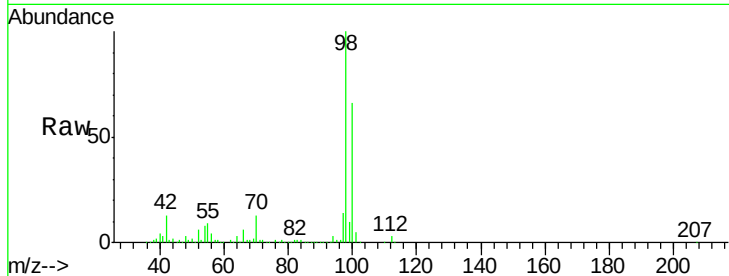
8/5-F-J

Tot Ion: 98 Resp: 578361

Ion Ratio Lower Upper

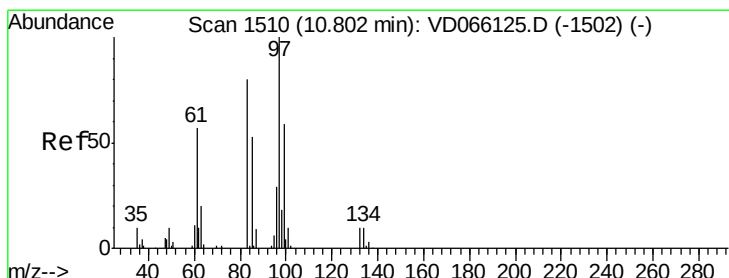
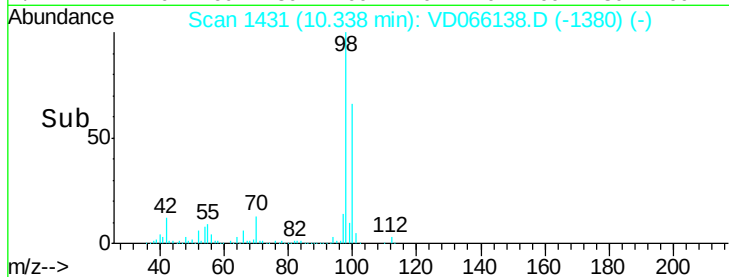
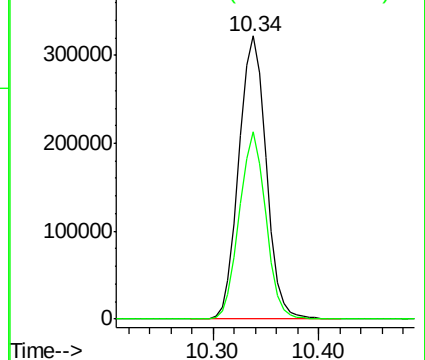
98 100

100 63.9 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#55

1,1,2-Trichloroethane

Concen: 15.298 ug/l

RT: 10.77 min Scan# 1505

Delta R.T. -0.03 min

Lab File: VD066138.D

Acq: 06 Aug 2020 16:54

Tgt Ion: 97 Resp: 35421

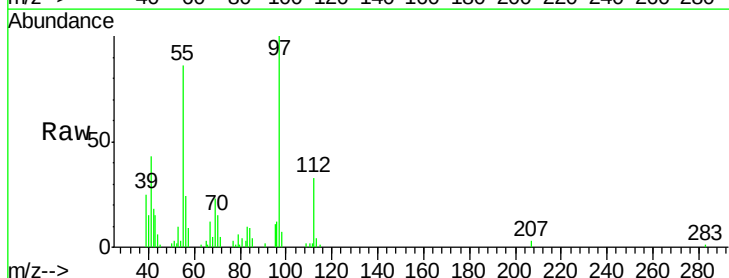
Ion Ratio Lower Upper

97 100

83 9.8 63.9 95.9#

85 3.7 42.5 63.7#

99 0.0 47.4 71.0#

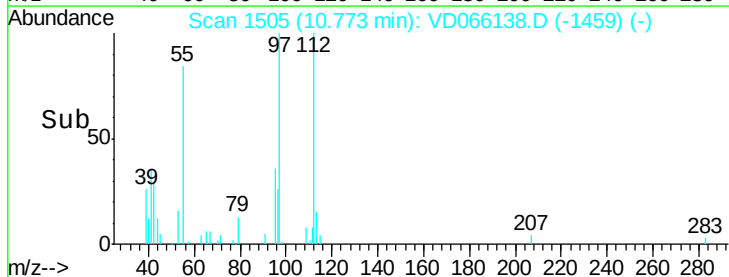
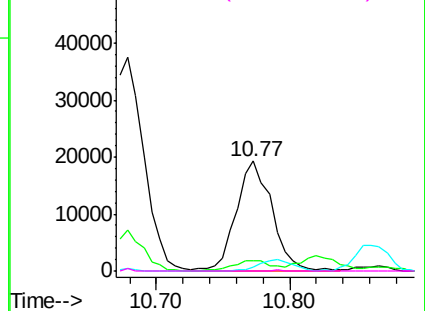


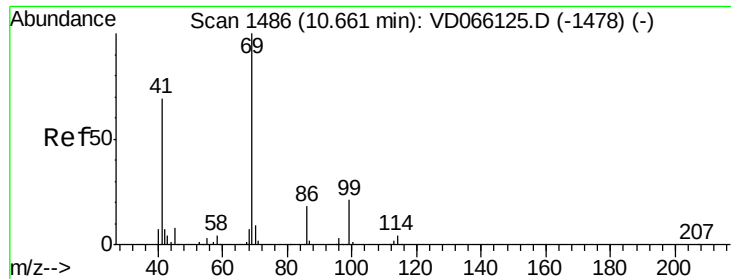
Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 6.390 ug/l

RT: 10.68 min Scan# 1489

Delta R.T. 0.02 min

Lab File: VD066138.D

Acq: 06 Aug 2020 16:54

Instrument :

MSVOA_D

ClientSampled :

8/5-F-J

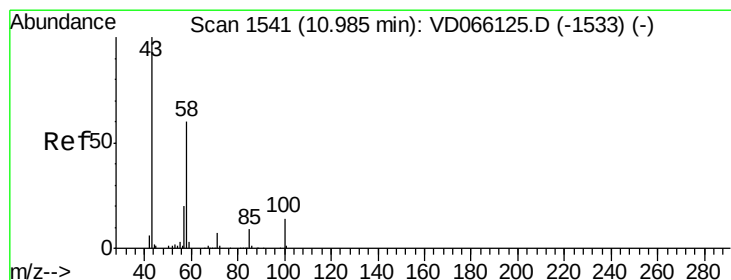
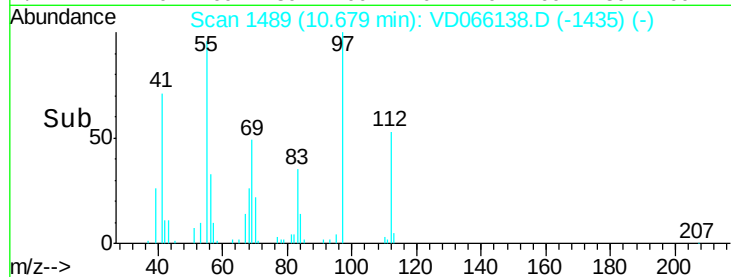
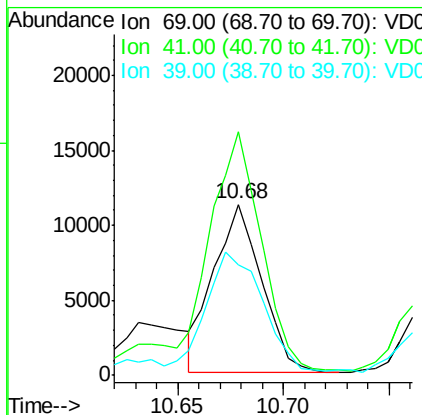
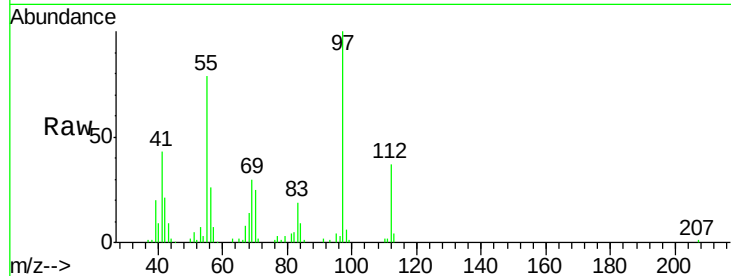
Tot Ion: 69 Resp: 17773

Ion Ratio Lower Upper

69 100

41 171.0 54.1 81.1#

39 83.3 28.6 43.0#



#59

2-Hexanone

Concen: 30.540 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.04 min

Lab File: VD066138.D

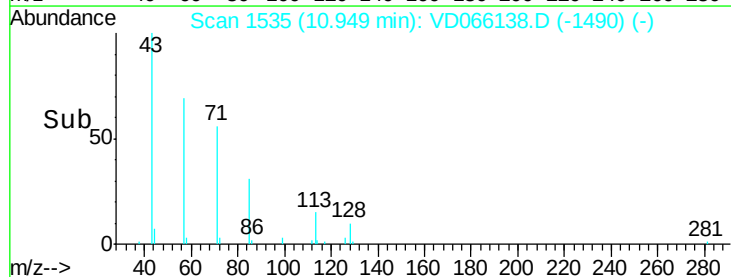
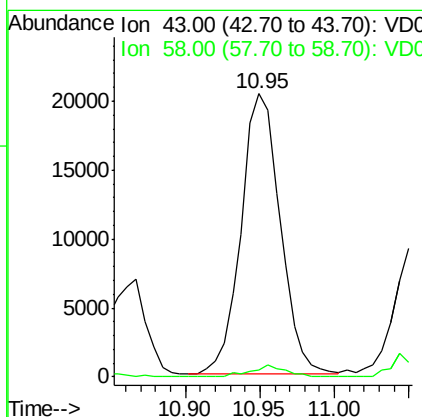
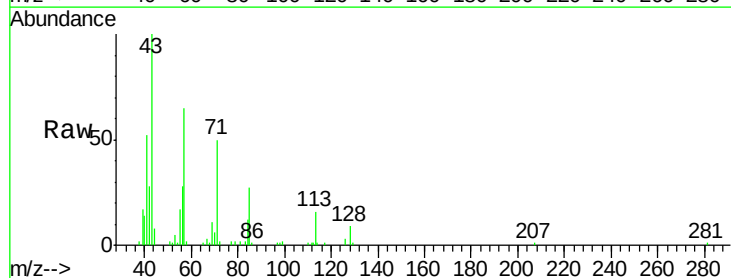
Acq: 06 Aug 2020 16:54

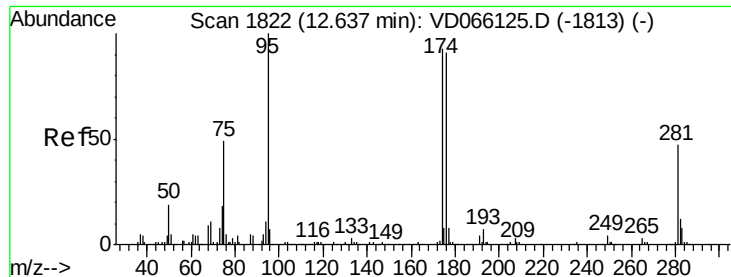
Tgt Ion: 43 Resp: 36979

Ion Ratio Lower Upper

43 100

58 3.6 27.8 83.4#





#62

4-Bromofluorobenzene

Concen: 65.734 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066138.D

Acq: 06 Aug 2020 16:54

Instrument :

MSVOA_D

ClientSampleId :

8/5-F-J

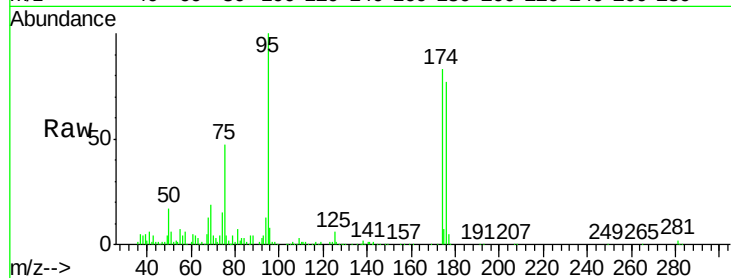
Tot Ion: 95 Resp: 253620

Ion Ratio Lower Upper

95 100

174 84.6 0.0 180.8

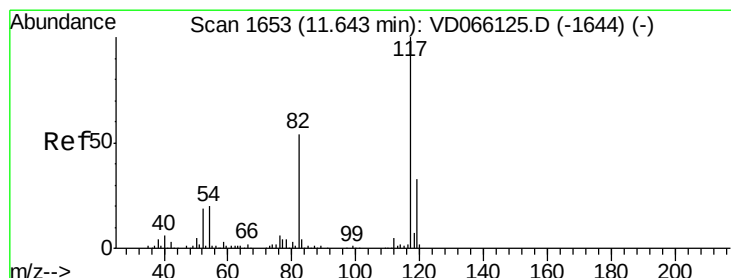
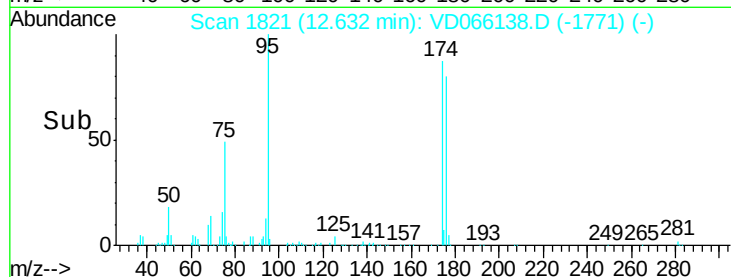
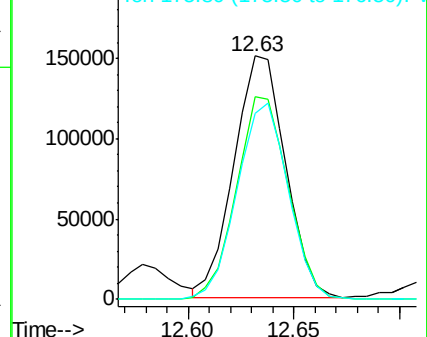
176 81.1 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VD066138.D (-1771) (-)

Ion 173.80 (173.50 to 174.50): VD066138.D (-1771) (-)

Ion 175.80 (175.50 to 176.50): VD066138.D (-1771) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066138.D

Acq: 06 Aug 2020 16:54

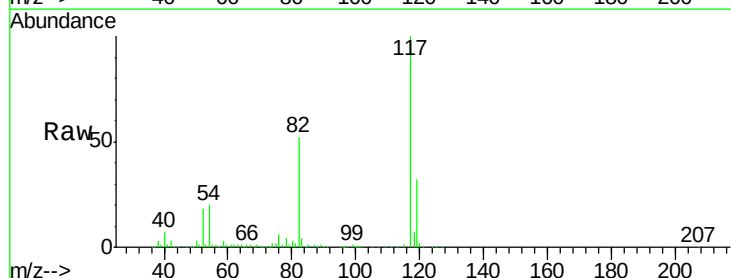
Tgt Ion: 117 Resp: 504833

Ion Ratio Lower Upper

117 100

82 51.1 43.0 64.4

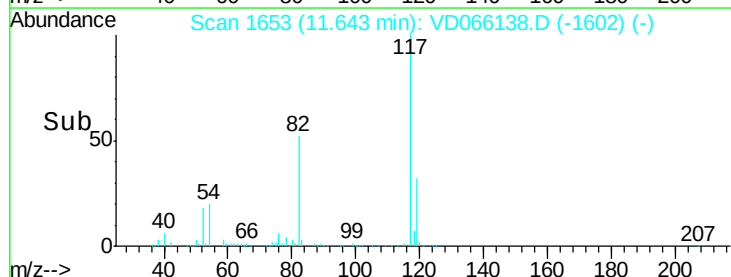
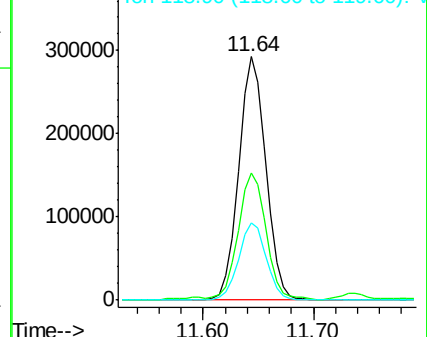
119 31.8 26.1 39.1

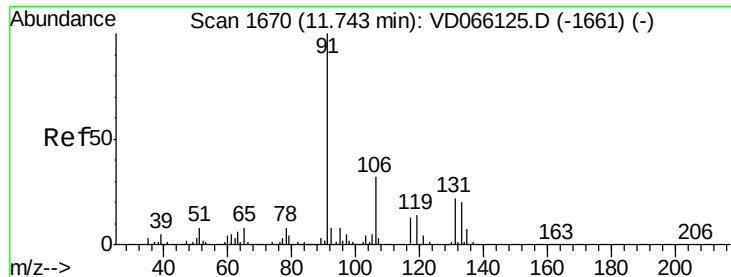


Abundance Ion 116.90 (116.60 to 117.60): VD066138.D (-1602) (-)

Ion 82.00 (81.70 to 82.70): VD066138.D (-1602) (-)

Ion 118.90 (118.60 to 119.60): VD066138.D (-1602) (-)





#67

Ethyl Benzene

Concen: 1.719 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066138.D

Acq: 06 Aug 2020 16:54

Instrument :

MSVOA_D

ClientSampleId :

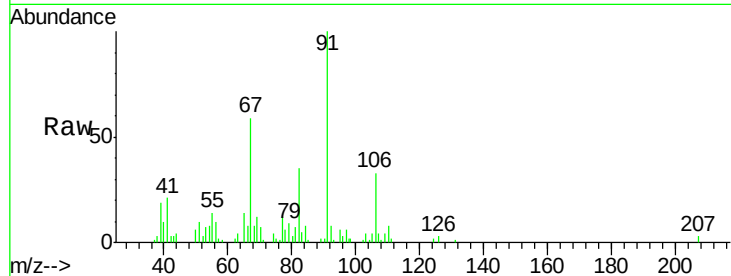
8/5-F-J

Tot Ion: 91 Resp: 30523

Ion Ratio Lower Upper

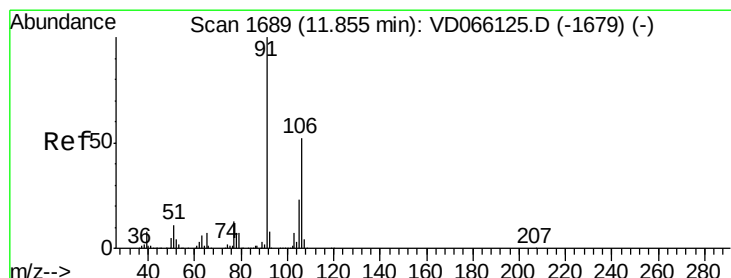
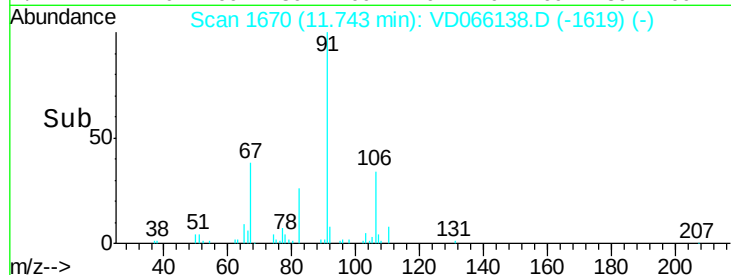
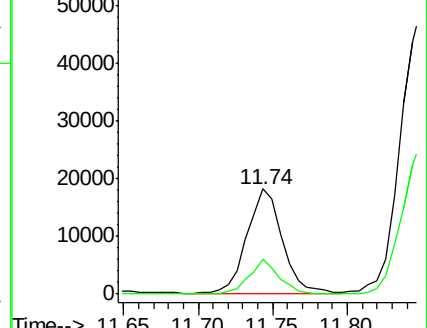
91 100

106 33.3 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: 6.780 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.01 min

Lab File: VD066138.D

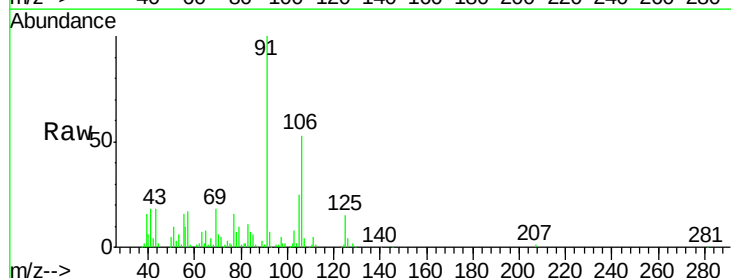
Acq: 06 Aug 2020 16:54

Tgt Ion: 106 Resp: 46651

Ion Ratio Lower Upper

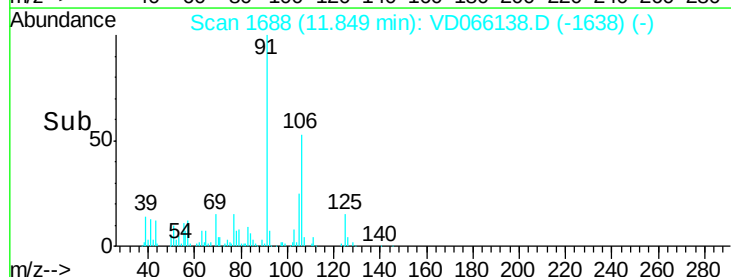
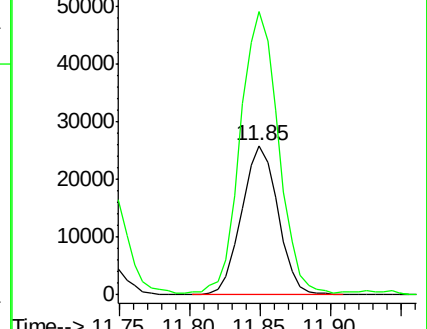
106 100

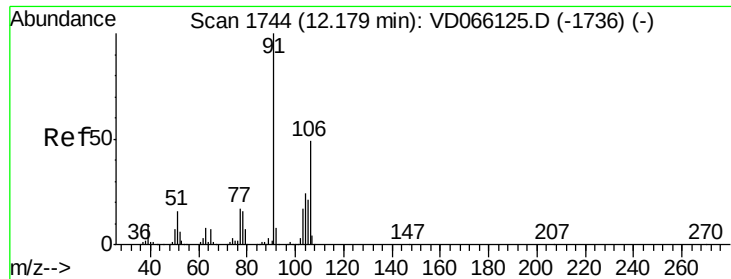
91 200.2 156.6 235.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

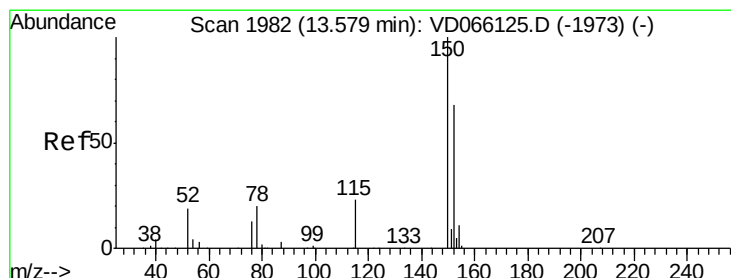
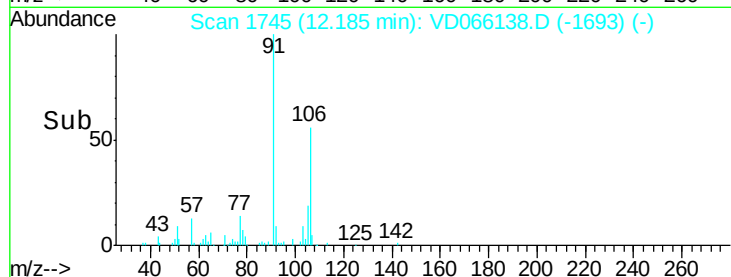
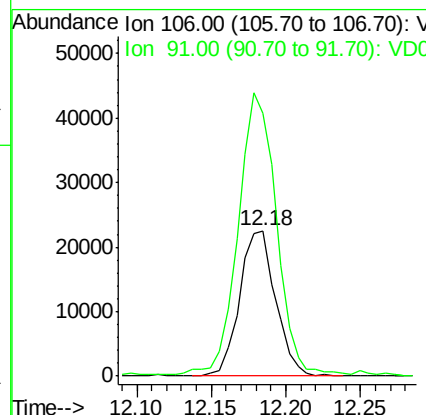
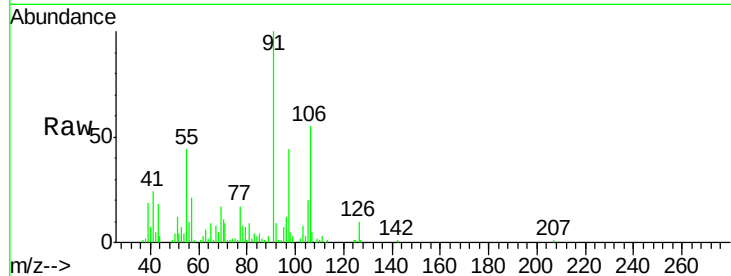




#69
o-Xylene
Concen: 6.010 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD066138.D
Acq: 06 Aug 2020 16:54

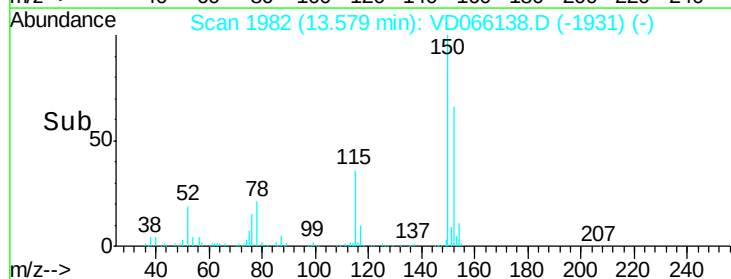
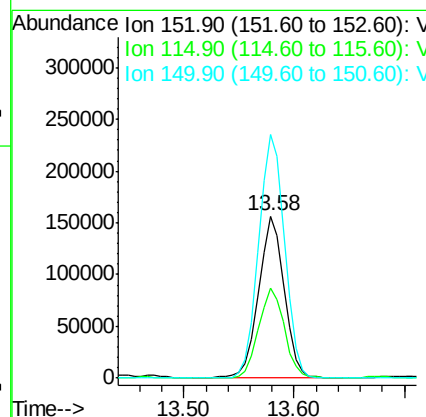
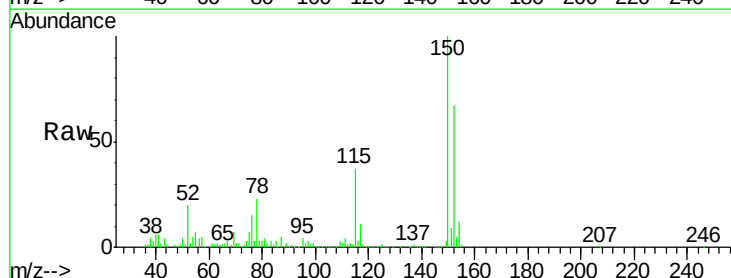
Instrument :
MSVOA_D
ClientSampleId :
8/5-F-J

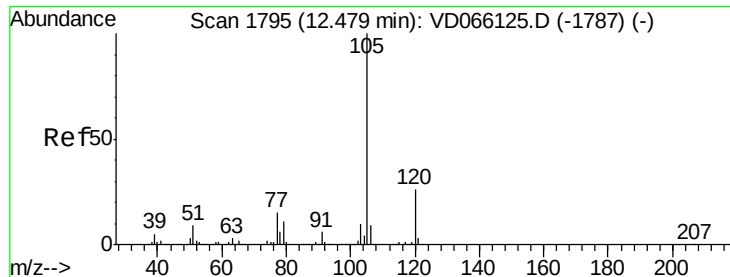
Tot Ion:106 Resp: 37619
Ion Ratio Lower Upper
106 100
91 204.6 105.7 317.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066138.D
Acq: 06 Aug 2020 16:54

Tgt Ion:152 Resp: 256016
Ion Ratio Lower Upper
152 100
115 55.6 28.0 83.9
150 151.9 0.0 346.4





#73

Isopropylbenzene

Concen: 2.377 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD066138.D

Acq: 06 Aug 2020 16:54

Instrument :

MSVOA_D

ClientSampleId :

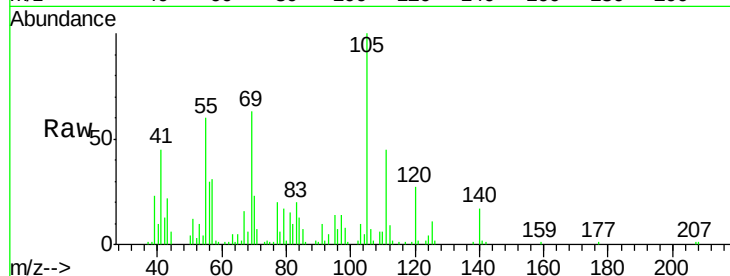
8/5-F-J

Tot Ion:105 Resp: 40624

Ion Ratio Lower Upper

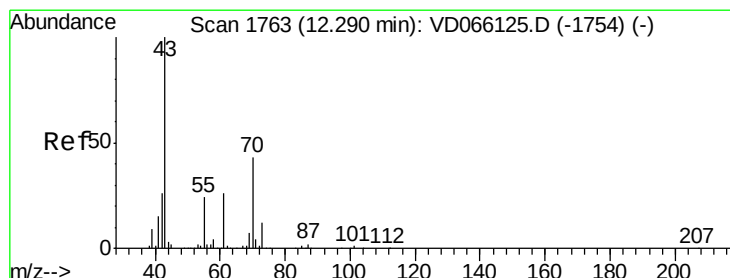
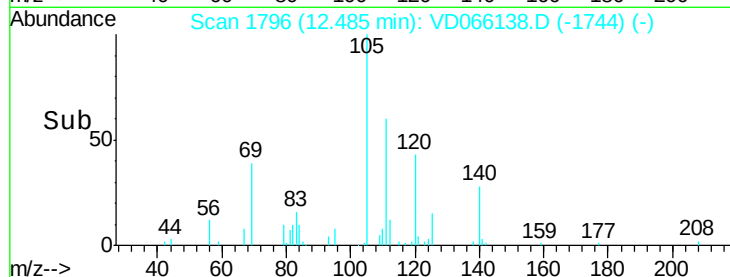
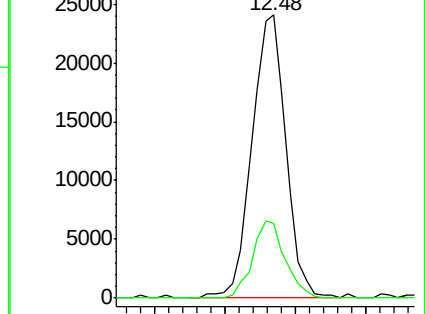
105 100

120 26.3 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 13.695 ug/l

RT: 12.27 min Scan# 1759

Delta R.T. -0.02 min

Lab File: VD066138.D

Acq: 06 Aug 2020 16:54

Tgt Ion: 43 Resp: 51536

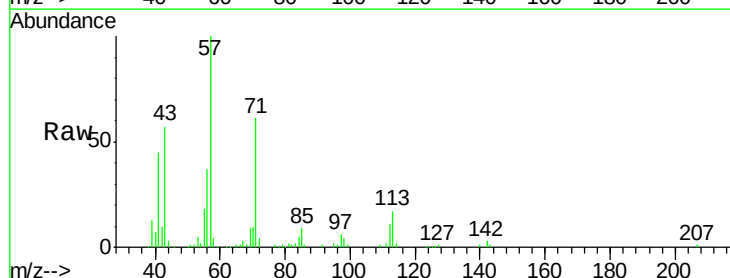
Ion Ratio Lower Upper

43 100

70 0.0 34.9 52.3#

55 0.0 19.2 28.8#

61 0.0 19.7 29.5#

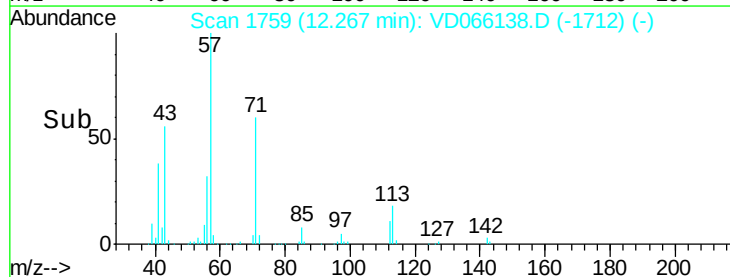
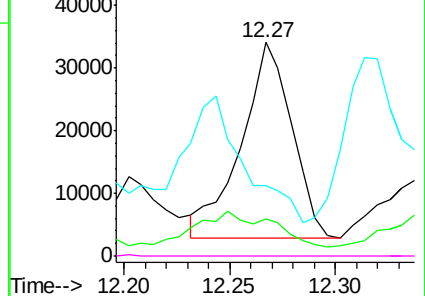


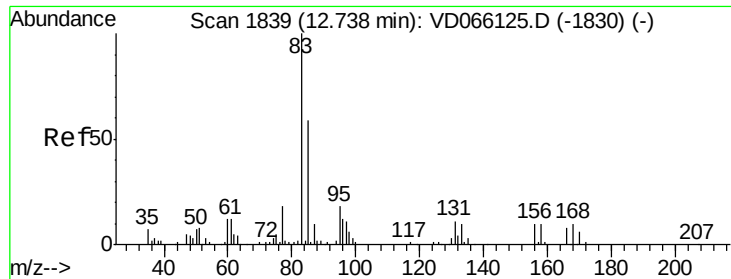
Abundance Ion 43.00 (42.70 to 43.70): VDC

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: 3.242 ug/l

RT: 12.71 min Scan# 1835

Delta R.T. -0.02 min

Lab File: VD066138.D

Acq: 06 Aug 2020 16:54

Instrument :

MSVOA_D

ClientSampleId :

8/5-F-J

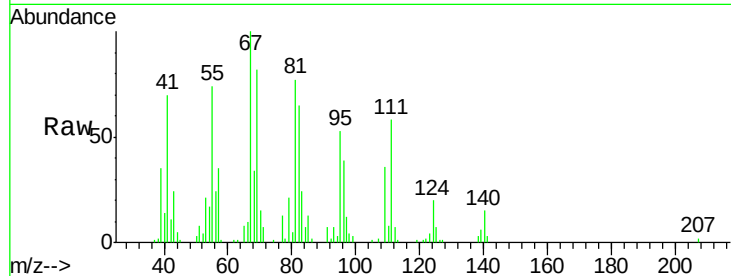
Tot Ion: 83 Resp: 9448

Ion Ratio Lower Upper

83 100

131 0.0 6.2 18.6#

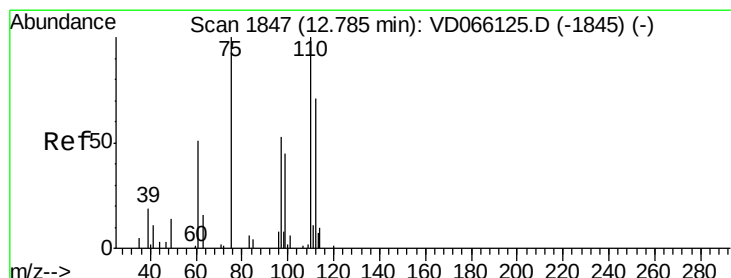
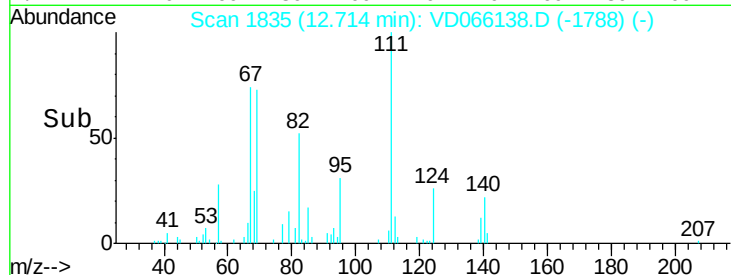
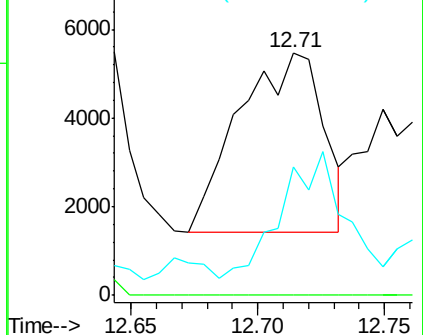
85 50.7 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 55.481 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066138.D

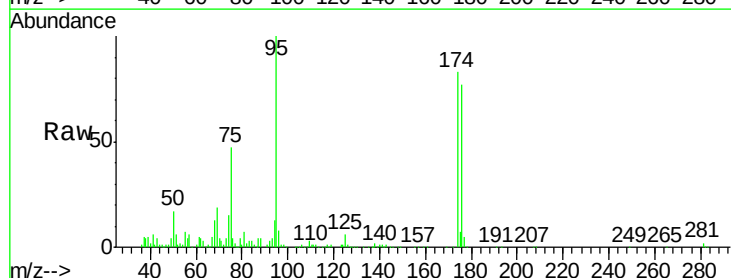
Acq: 06 Aug 2020 16:54

Tgt Ion: 75 Resp: 118451

Ion Ratio Lower Upper

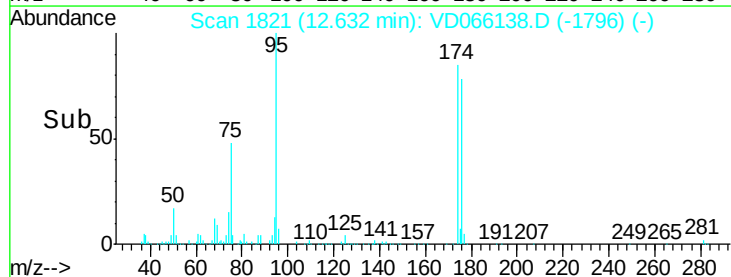
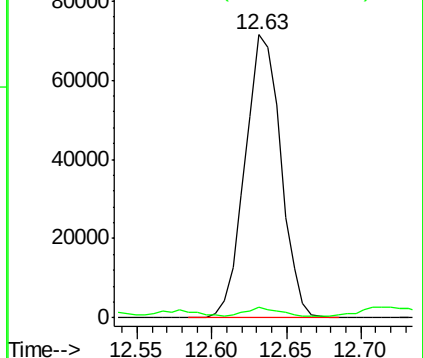
75 100

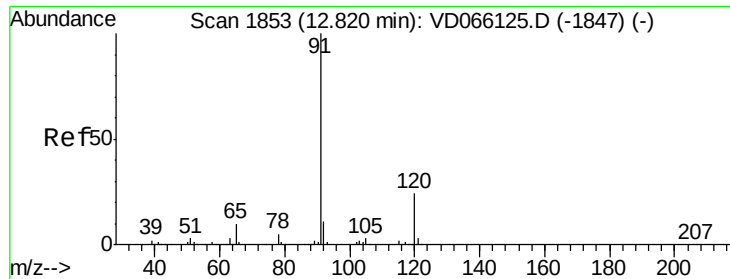
77 2.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#78

n-propylbenzene

Concen: 1.939 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.01 min

Lab File: VD066138.D

Acq: 06 Aug 2020 16:54

Instrument :

MSVOA_D

ClientSampleId :

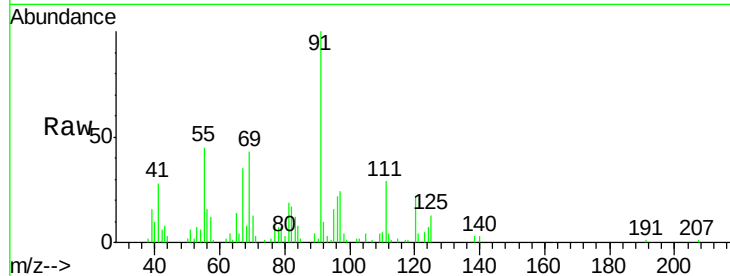
8/5-F-J

Tot Ion: 91 Resp: 38513

Ion Ratio Lower Upper

91 100

120 22.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

12.83

25000

20000

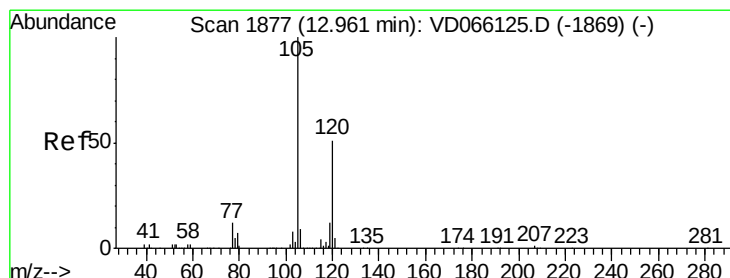
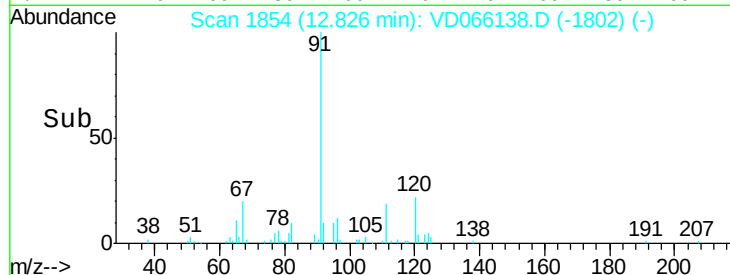
15000

10000

5000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 3.714 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066138.D

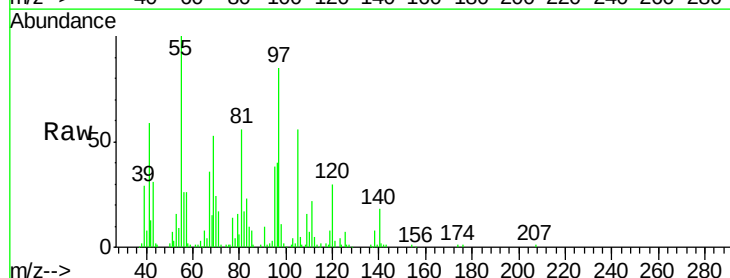
Acq: 06 Aug 2020 16:54

Tgt Ion:105 Resp: 53087

Ion Ratio Lower Upper

105 100

120 51.8 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.96

40000

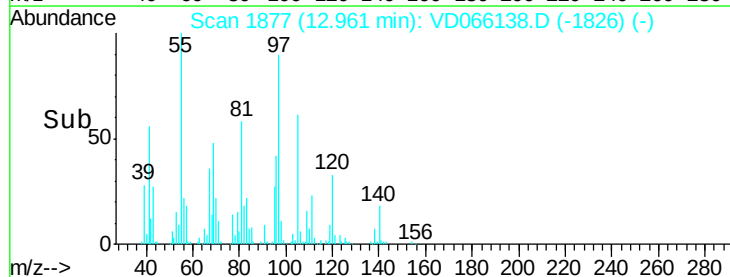
30000

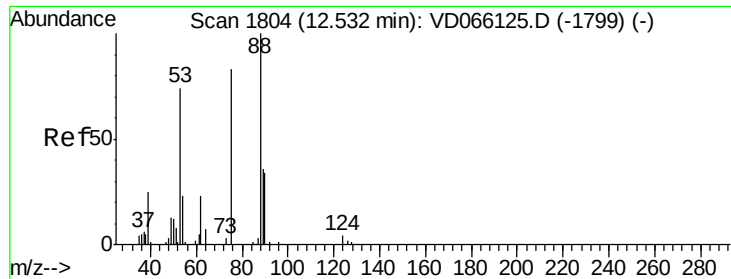
20000

10000

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 122.644 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066138.D

Acq: 06 Aug 2020 16:54

Instrument :

MSVOA_D

ClientSampleId :

8/5-F-J

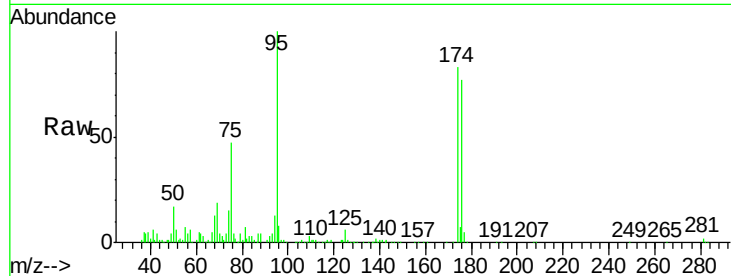
Tot Ion: 75 Resp: 118451

Ion Ratio Lower Upper

75 100

53 2.9 73.4 110.2#

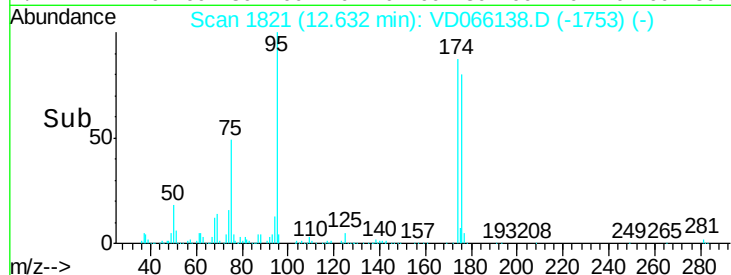
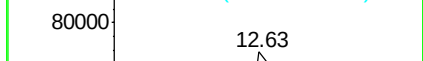
89 0.1 36.6 55.0#



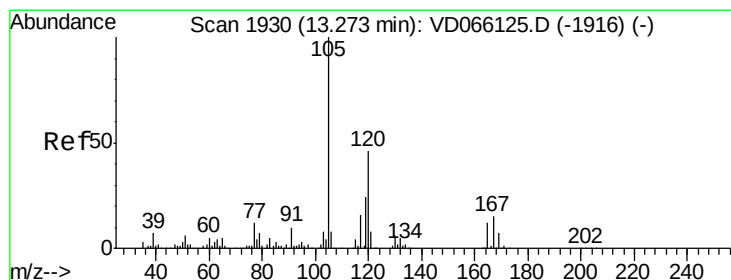
Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



Time-->



#84

1,2,4-Trimethylbenzene

Concen: 9.549 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VD066138.D

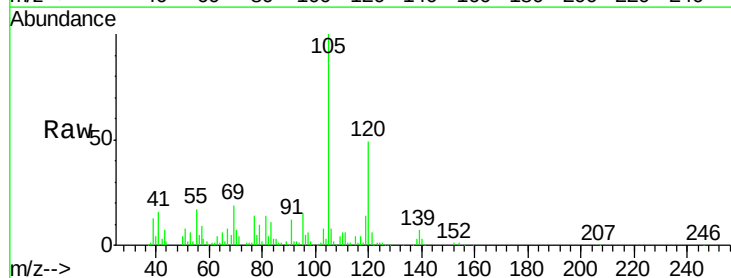
Acq: 06 Aug 2020 16:54

Tgt Ion: 105 Resp: 136587

Ion Ratio Lower Upper

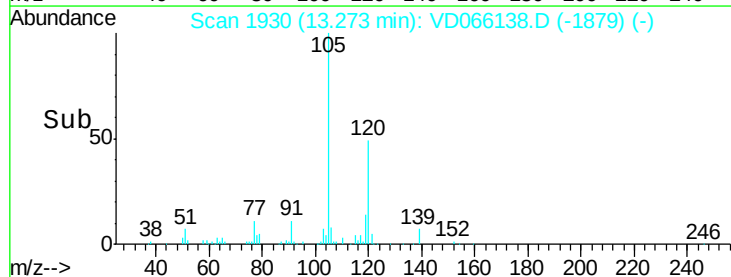
105 100

120 46.7 23.1 69.2

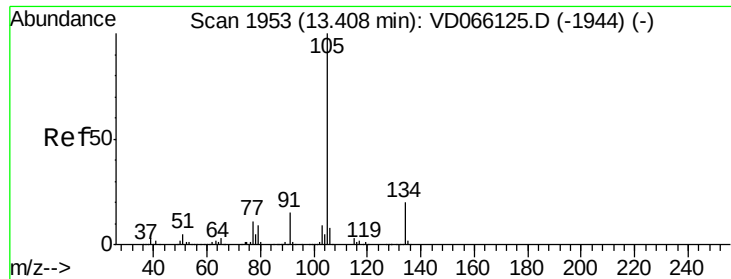


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#85

sec-Butylbenzene

Concen: 5.369 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD066138.D

Acq: 06 Aug 2020 16:54

Instrument :

MSVOA_D

ClientSampleId :

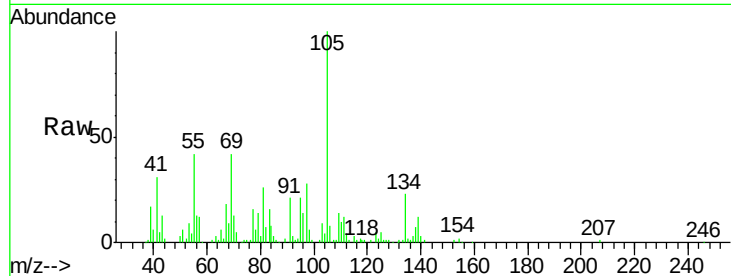
8/5-F-J

Tot Ion:105 Resp: 91114

Ion Ratio Lower Upper

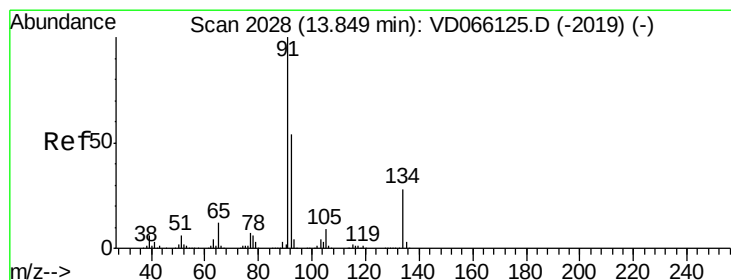
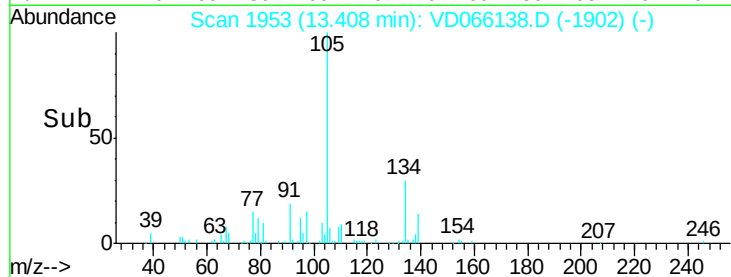
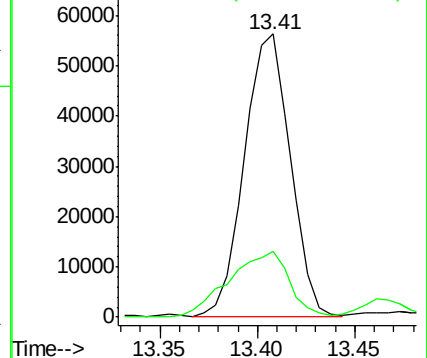
105 100

134 30.6 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 2.027 ug/l

RT: 13.85 min Scan# 2028

Delta R.T. 0.00 min

Lab File: VD066138.D

Acq: 06 Aug 2020 16:54

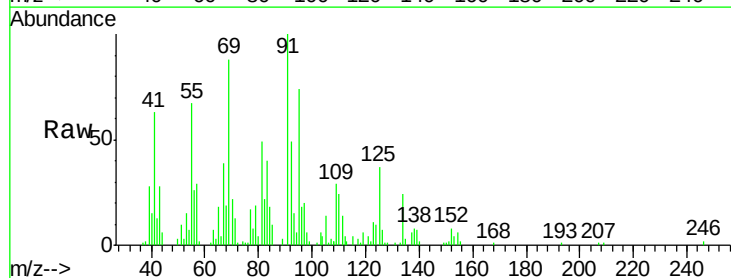
Tgt Ion: 91 Resp: 28911

Ion Ratio Lower Upper

91 100

92 57.4 26.8 80.3

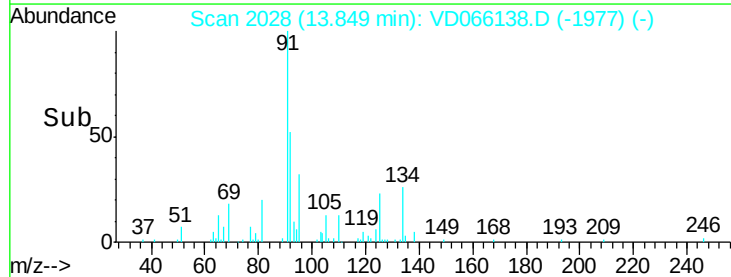
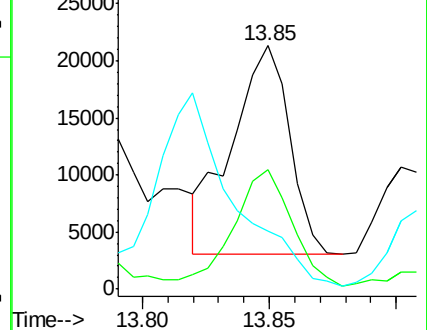
134 0.0 14.0 41.9#

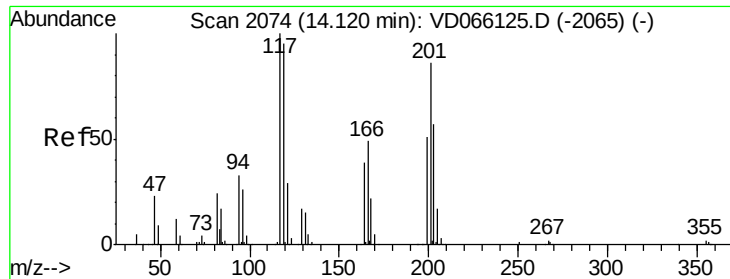


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 7.140 ug/l

RT: 14.12 min Scan# 2074

Delta R.T. 0.00 min

Lab File: VD066138.D

Acq: 06 Aug 2020 16:54

Instrument :

MSVOA_D

ClientSampleId :

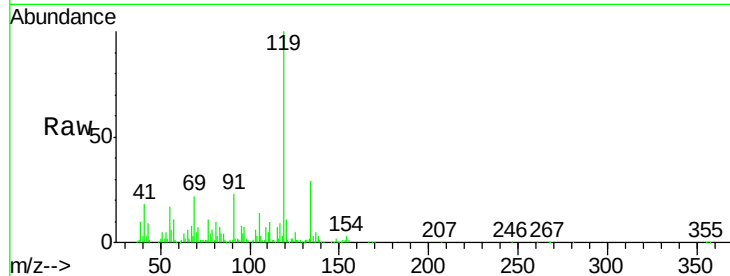
8/5-F-J

Tot Ion:117 Resp: 22664

Ion Ratio Lower Upper

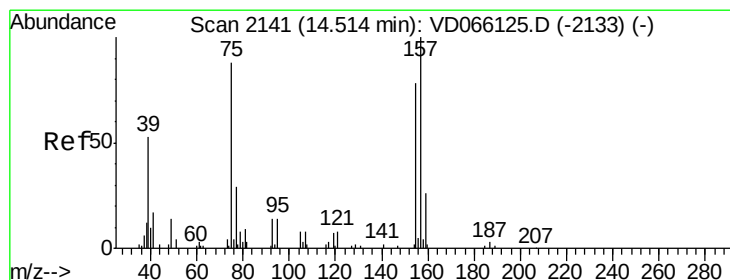
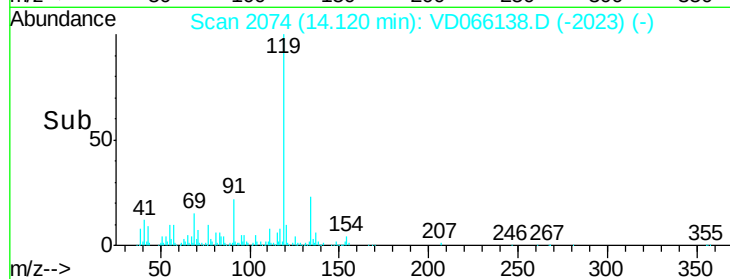
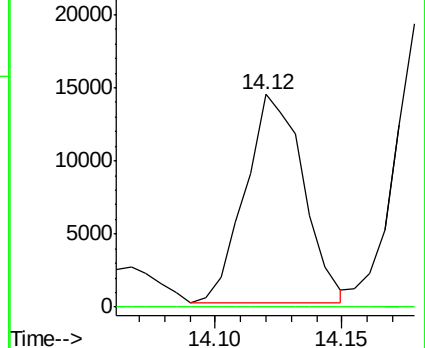
117 100

201 0.0 42.7 128.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.573 ug/l

RT: 14.53 min Scan# 2143

Delta R.T. 0.01 min

Lab File: VD066138.D

Acq: 06 Aug 2020 16:54

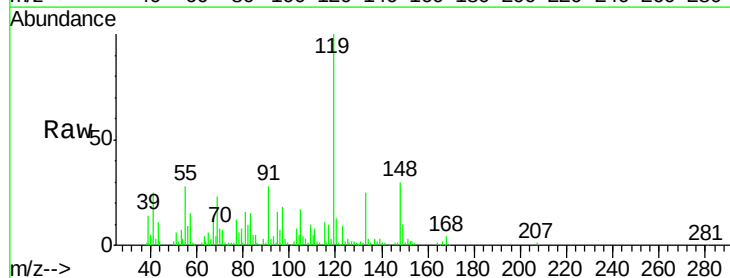
Tgt Ion: 75 Resp: 788

Ion Ratio Lower Upper

75 100

155 7.1 47.7 143.1#

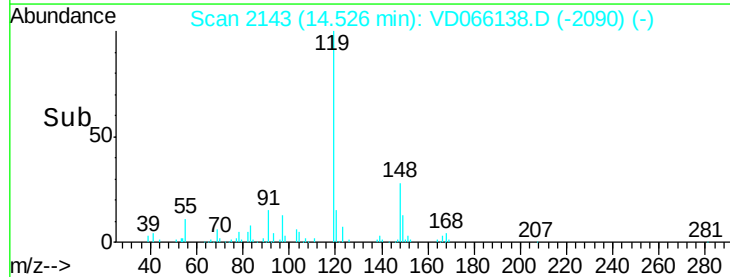
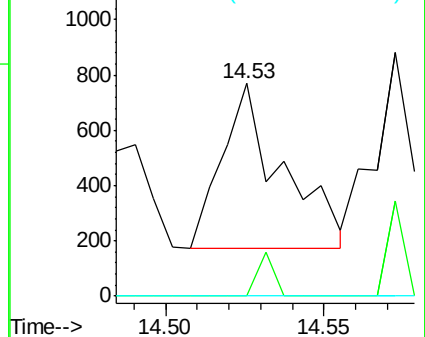
157 0.0 62.1 186.2#

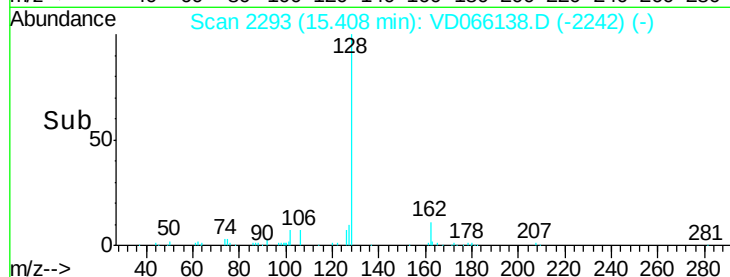
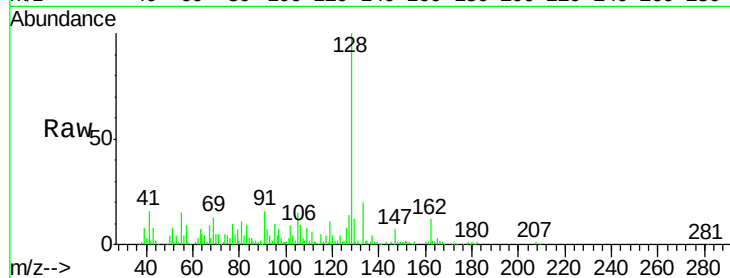
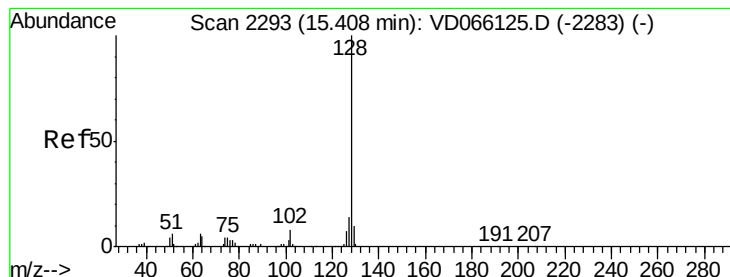


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 18.490 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066138.D

Acq: 06 Aug 2020 16:54

Instrument :

MSVOA_D

ClientSampleId :

8/5-F-J

Tot Ion:128 Resp: 162346

Ion Ratio Lower Upper

128 100

127 13.7 11.0 16.4

129 9.3 8.8 13.2

