

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072220\
 Data File : VD066000.D
 Acq On : 22 Jul 2020 14:33
 Operator : VA/SY
 Sample : L3323-02
 Misc : 5.25G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 221

Quant Time: Jul 23 01:16:46 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

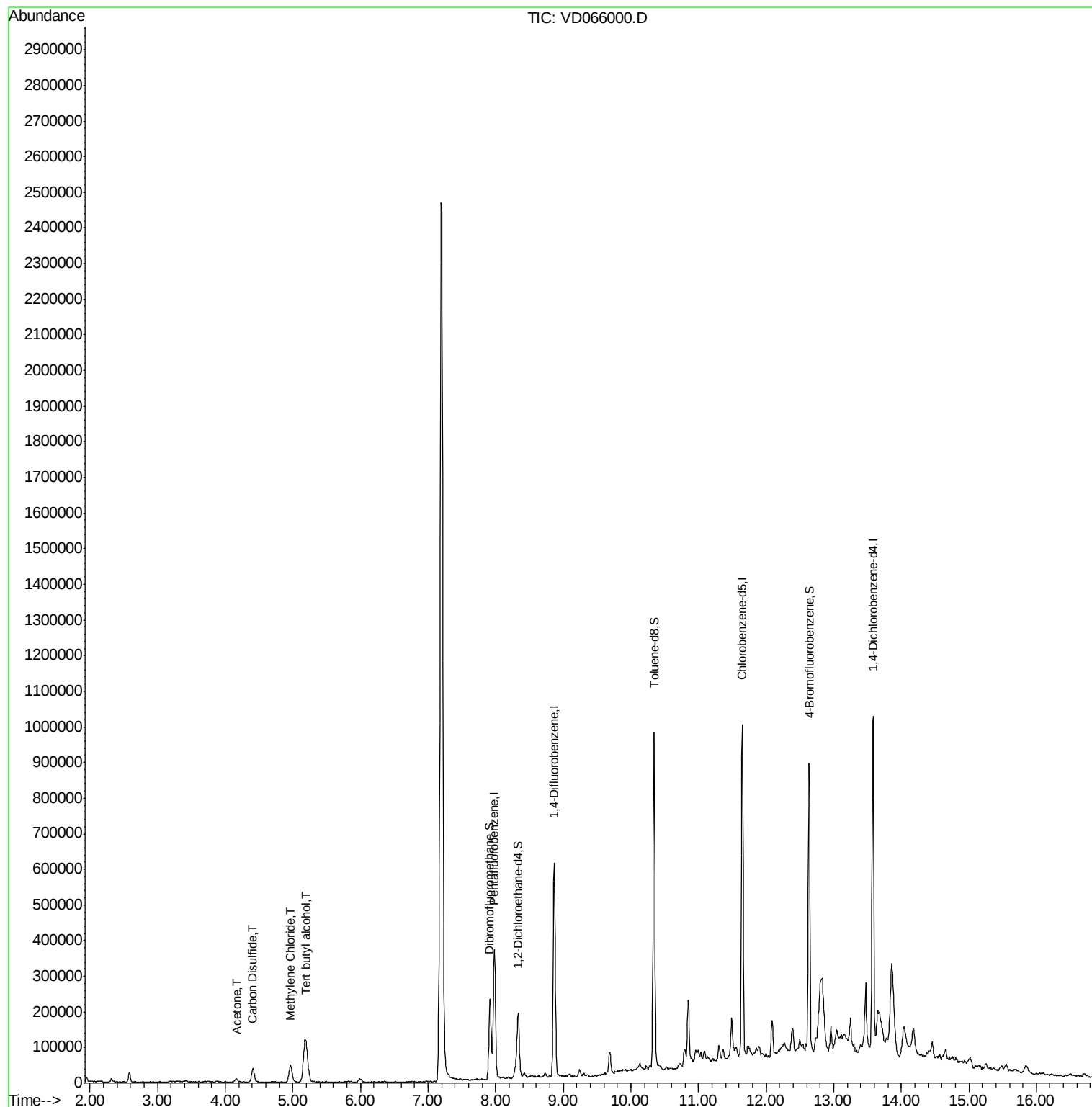
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	297229	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	534592	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	550673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	273858	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	139048	57.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.98%	
35) Dibromofluoromethane	7.92	113	163706	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
50) Toluene-d8	10.34	98	653026	54.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.12%	
62) 4-Bromofluorobenzene	12.64	95	258294	61.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.34%	
Target Compounds						
11) Tert butyl alcohol	5.19	59	156825	1125.704	ug/l #	93
16) Acetone	4.17	43	14657	29.940	ug/l	98
17) Carbon Disulfide	4.41	76	83672	10.496	ug/l #	94
20) Methylene Chloride	4.97	84	37274	11.486	ug/l	95

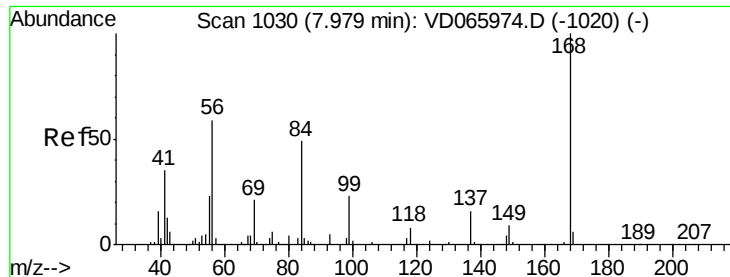
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066000.D

Acq: 22 Jul 2020 14:33

Instrument :

MSVOA_D

ClientSampleId :

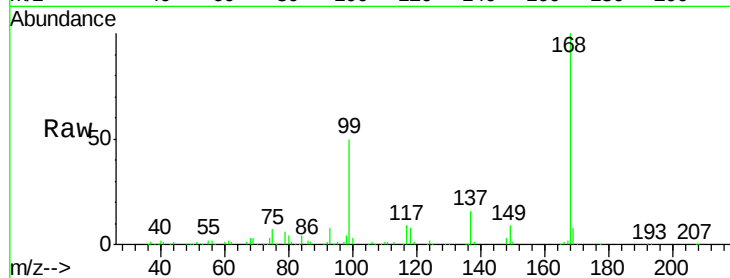
221

Tot Ion:168 Resp: 297229

Ion Ratio Lower Upper

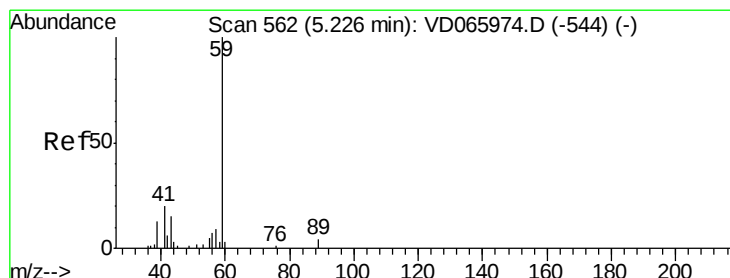
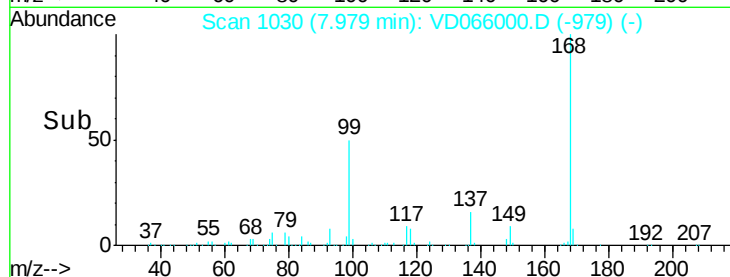
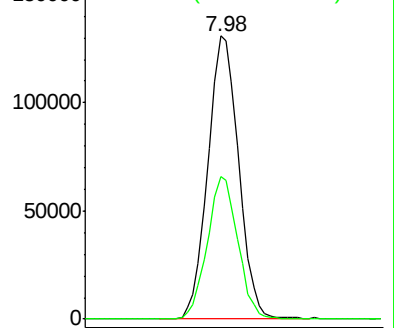
168 100

99 50.4 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#11

Tert butyl alcohol

Concen: 1125.704 ug/l

RT: 5.19 min Scan# 556

Delta R.T. -0.04 min

Lab File: VD066000.D

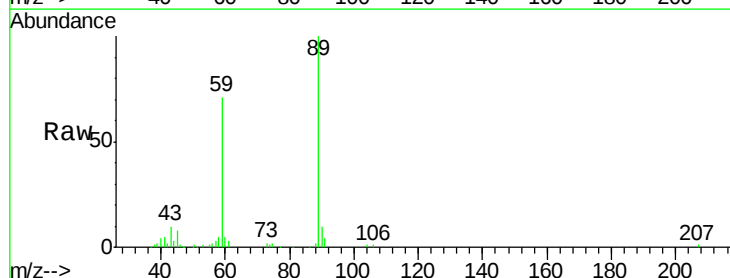
Acq: 22 Jul 2020 14:33

Tgt Ion: 59 Resp: 156825

Ion Ratio Lower Upper

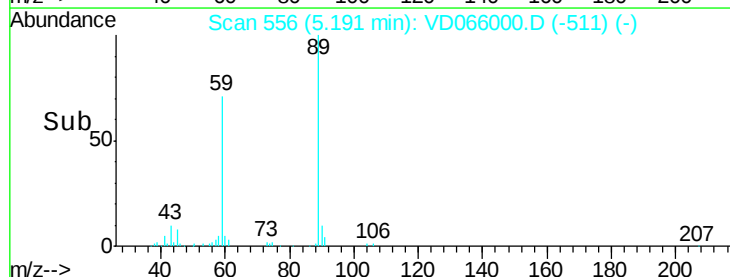
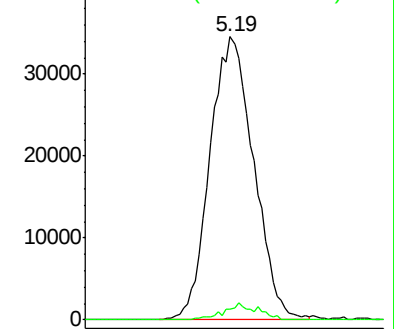
59 100

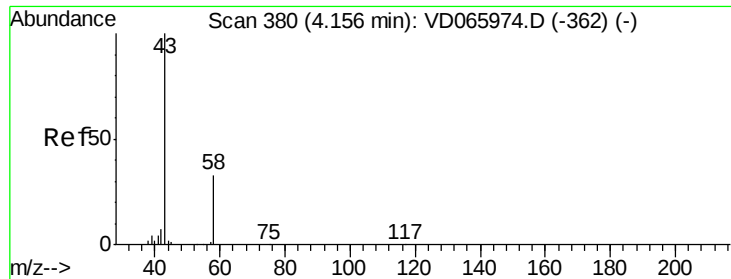
57 3.4 4.5 6.7#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC





#16

Acetone

Concen: 29.940 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD066000.D

Acq: 22 Jul 2020 14:33

Instrument :

MSVOA_D

ClientSampleId :

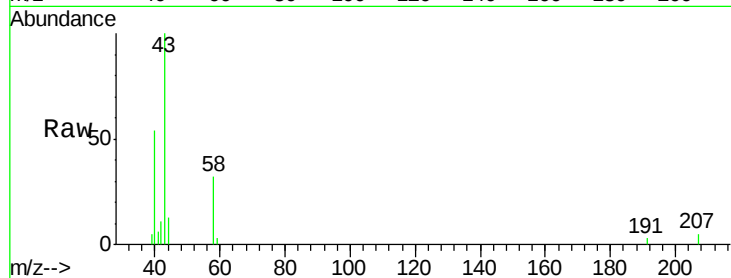
221

Tot Ion: 43 Resp: 14657

Ion Ratio Lower Upper

43 100

58 31.9 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

5000

4000

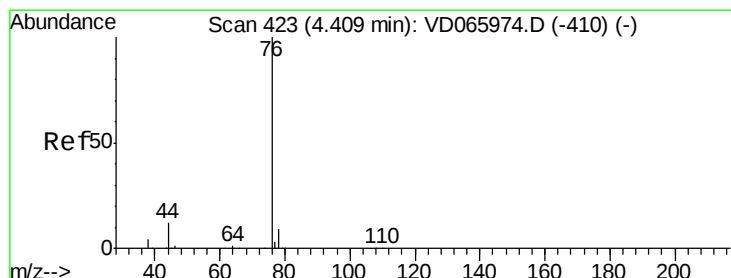
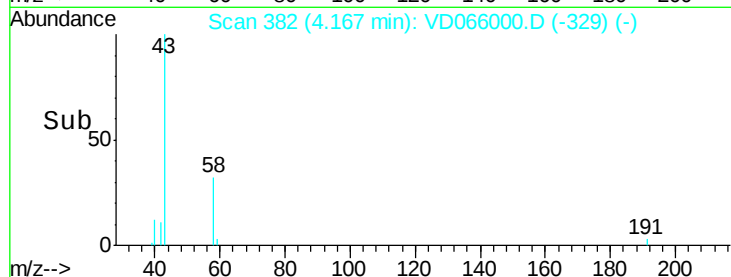
3000

2000

1000

0

Time-->



#17

Carbon Disulfide

Concen: 10.496 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066000.D

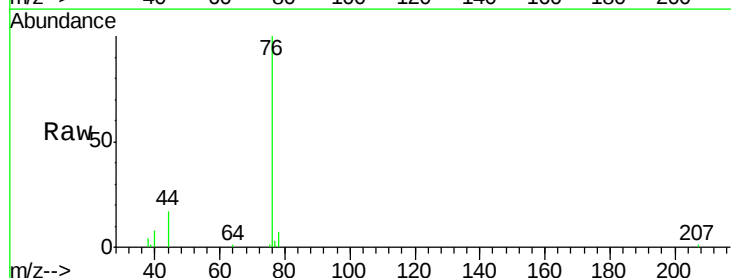
Acq: 22 Jul 2020 14:33

Tgt Ion: 76 Resp: 83672

Ion Ratio Lower Upper

76 100

78 7.3 7.4 11.2#



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.41

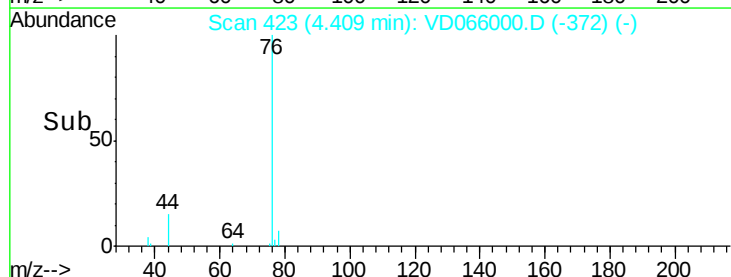
30000

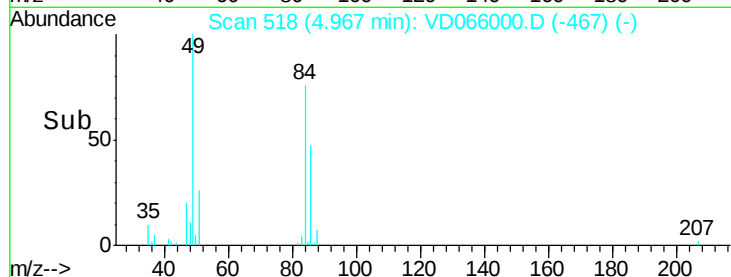
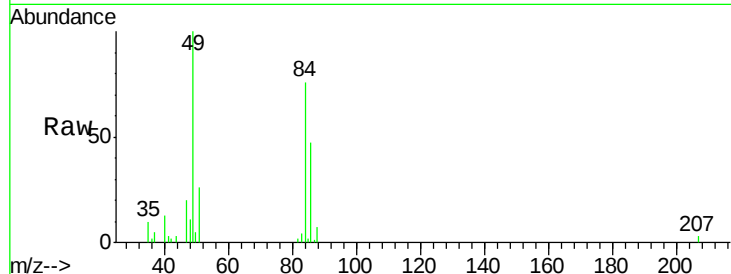
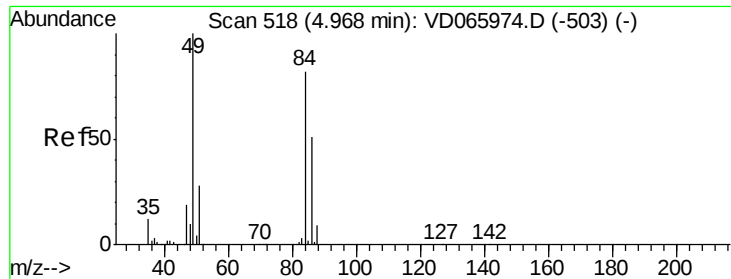
20000

10000

0

Time-->

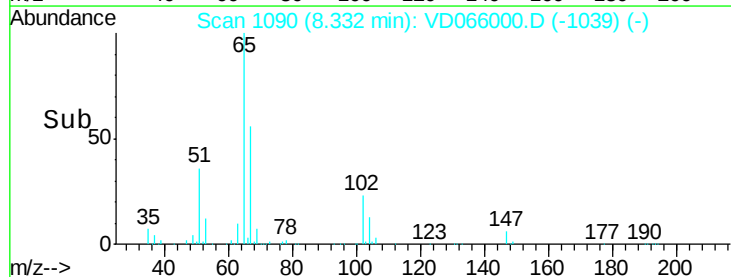
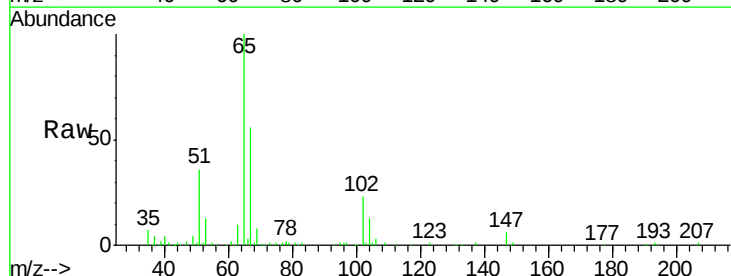
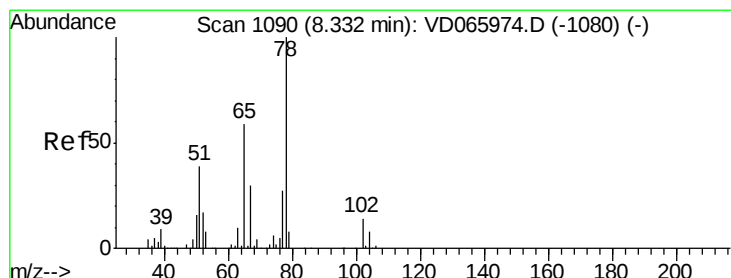
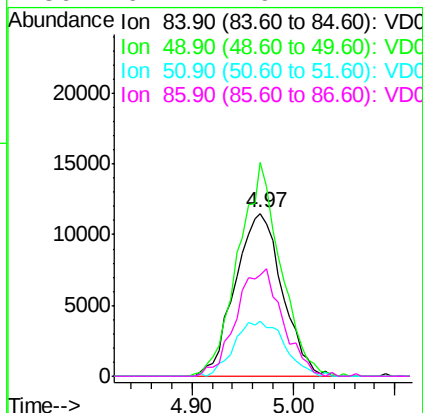




#20
Methvlene Chloride
Concen: 11.486 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066000.D
Acq: 22 Jul 2020 14:33

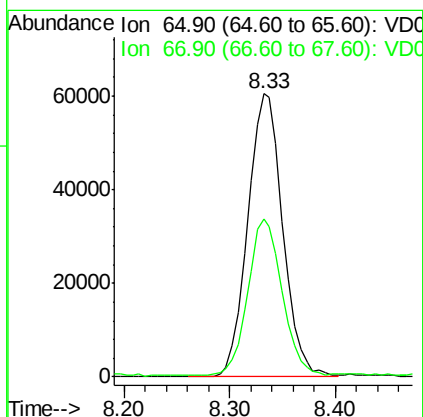
Instrument :
MSVOA_D
ClientSampleId :
221

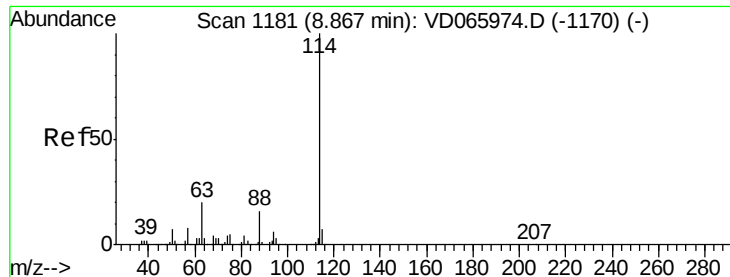
Tot Ion: 84 Resp: 37274
Ion Ratio Lower Upper
84 100
49 130.9 97.7 146.5
51 33.7 27.4 41.2
86 62.1 49.4 74.2



#33
1,2-Dichloroethane-d4
Concen: 57.493 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD066000.D
Acq: 22 Jul 2020 14:33

Tgt Ion: 65 Resp: 139048
Ion Ratio Lower Upper
65 100
67 54.3 0.0 105.0

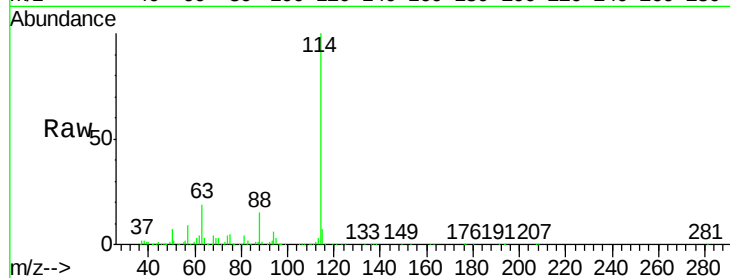




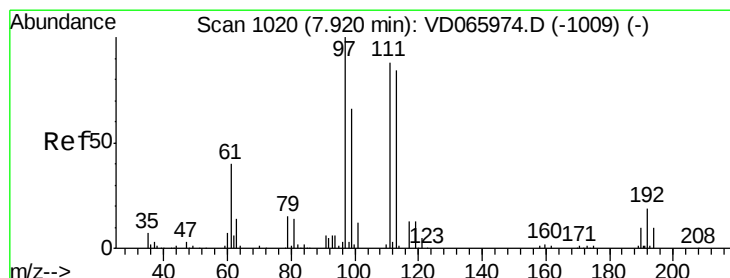
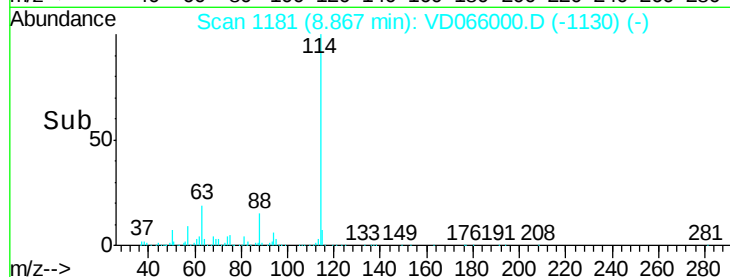
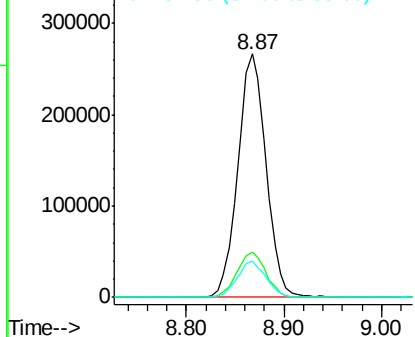
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD066000.D
Acq: 22 Jul 2020 14:33

Instrument :
MSVOA_D
ClientSampleId :
221

Tot Ion:114 Resp: 534592
Ion Ratio Lower Upper
114 100
63 18.8 0.0 39.6
88 14.9 0.0 31.2

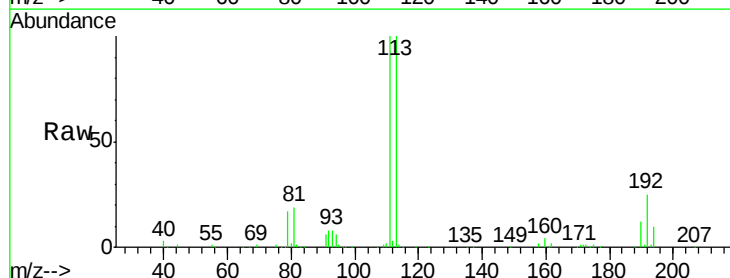


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

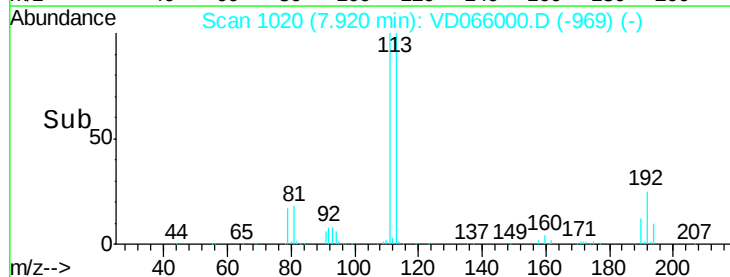
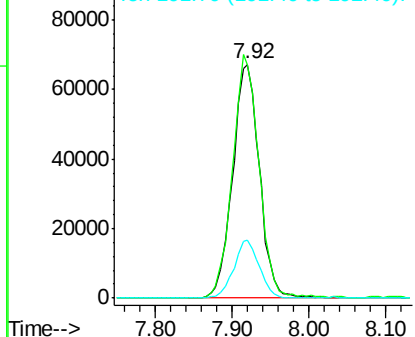


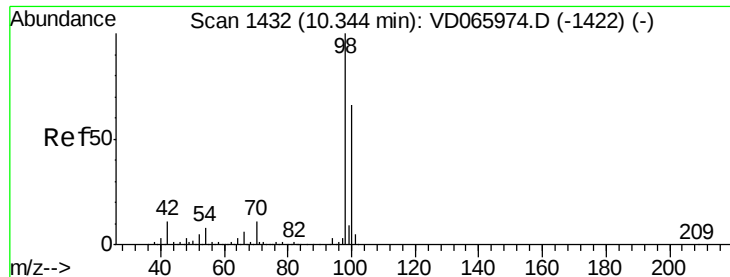
#35
Dibromofluoromethane
Concen: 50.488 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD066000.D
Acq: 22 Jul 2020 14:33

Tgt Ion:113 Resp: 163706
Ion Ratio Lower Upper
113 100
111 102.7 83.2 124.8
192 23.5 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

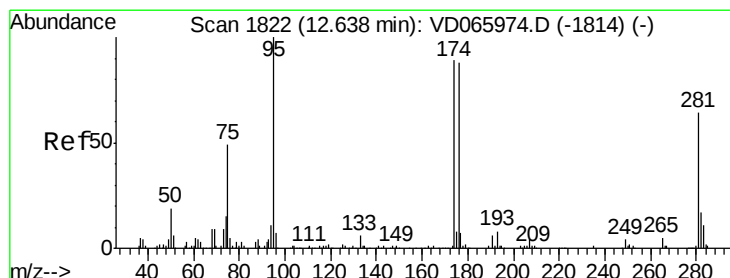
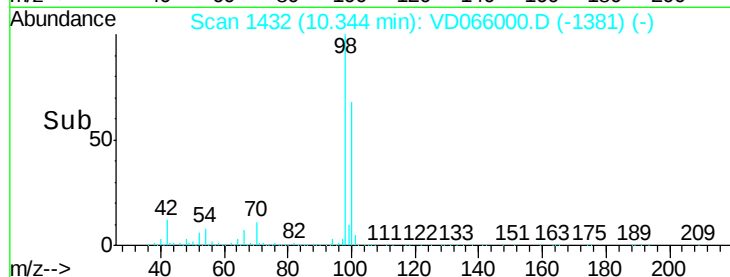
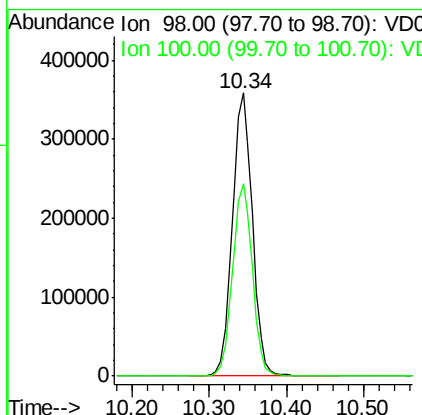
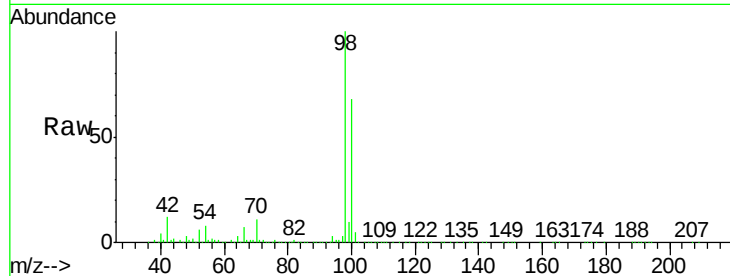




#50
Toluene-d8
Concen: 54.063 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD066000.D
Acq: 22 Jul 2020 14:33

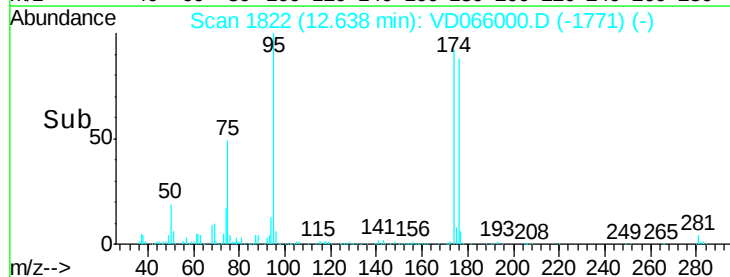
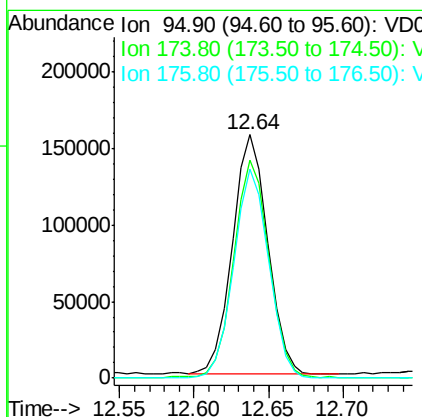
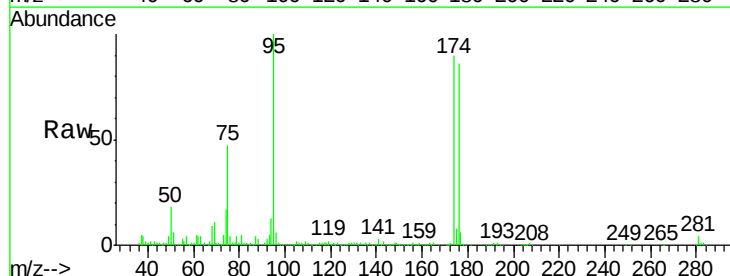
Instrument :
MSVOA_D
ClientSampleId :
221

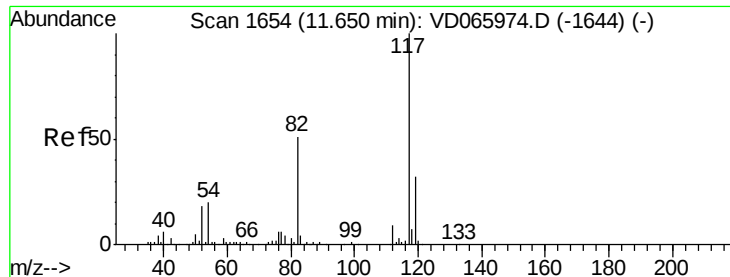
Tot Ion: 98 Resp: 653026
Ion Ratio Lower Upper
98 100
100 67.5 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 61.671 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD066000.D
Acq: 22 Jul 2020 14:33

Tgt Ion: 95 Resp: 258294
Ion Ratio Lower Upper
95 100
174 91.5 0.0 178.8
176 86.4 0.0 172.6

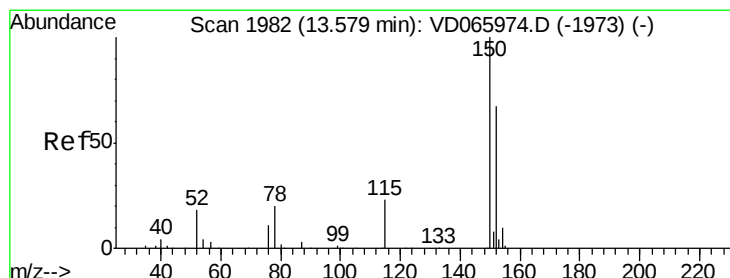
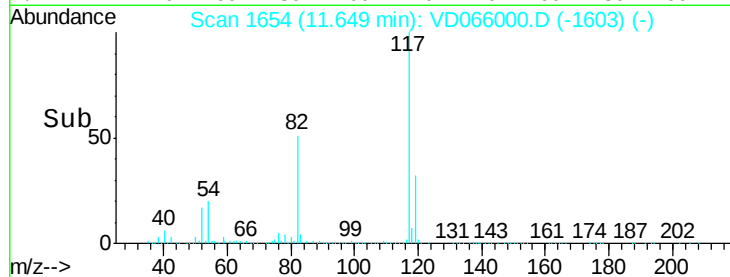
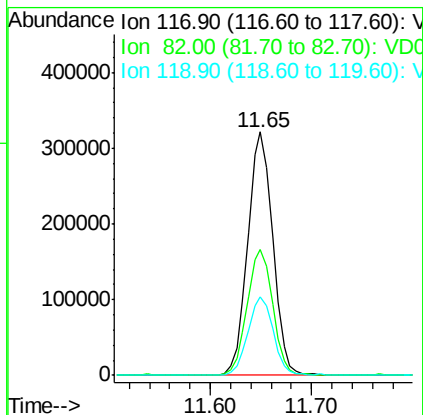
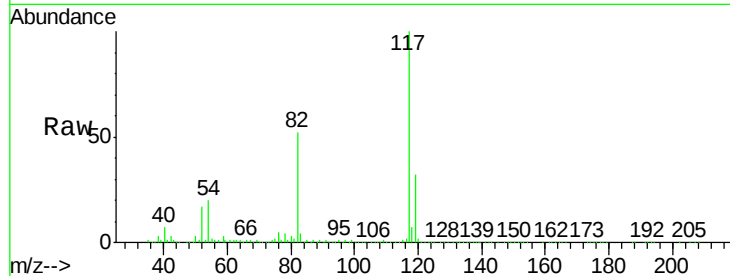




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066000.D
Acq: 22 Jul 2020 14:33

Instrument :
MSVOA_D
ClientSampleId :
221

Tot Ion:117 Resp: 550673
Ion Ratio Lower Upper
117 100
82 51.4 41.1 61.7
119 32.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066000.D
Acq: 22 Jul 2020 14:33

Tgt Ion:152 Resp: 273858
Ion Ratio Lower Upper
152 100
115 56.0 27.9 83.7
150 156.7 0.0 348.2

