

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100220\
 Data File : VD067062.D
 Acq On : 03 Oct 2020 04:44
 Operator : VA/SY
 Sample : L4247-08
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-19(5-7)

Quant Time: Oct 03 07:17:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

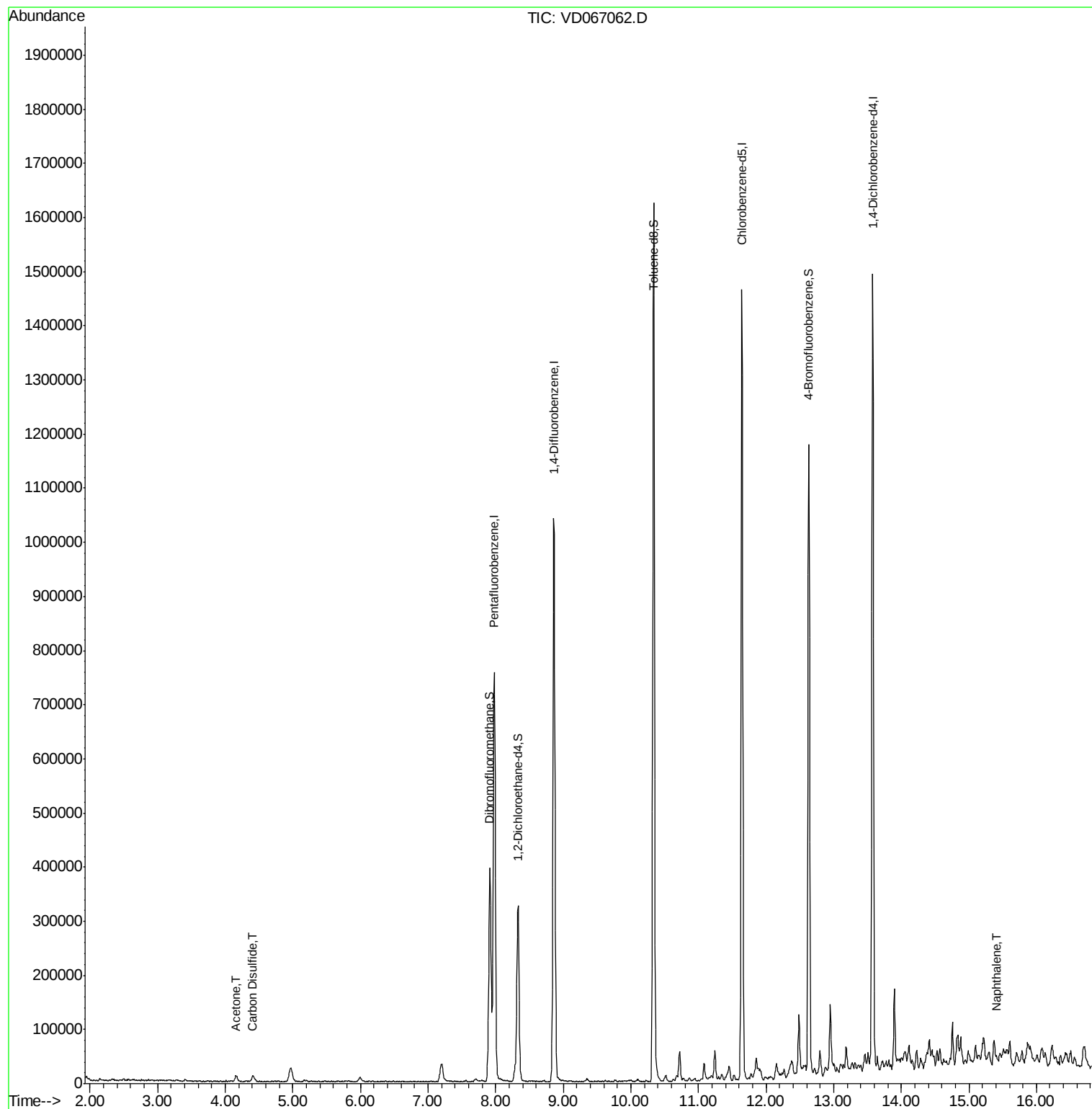
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	574424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	938637	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	878630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	407191	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	263044	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
35) Dibromofluoromethane	7.91	113	293645	47.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.58%	
50) Toluene-d8	10.34	98	1106427	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.82%	
62) 4-Bromofluorobenzene	12.63	95	383522	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
Target Compounds						
16) Acetone	4.16	43	17306	20.490	ug/l #	86
17) Carbon Disulfide	4.41	76	22941	1.380	ug/l	95
95) Naphthalene	15.41	128	12857	1.049	ug/l #	93

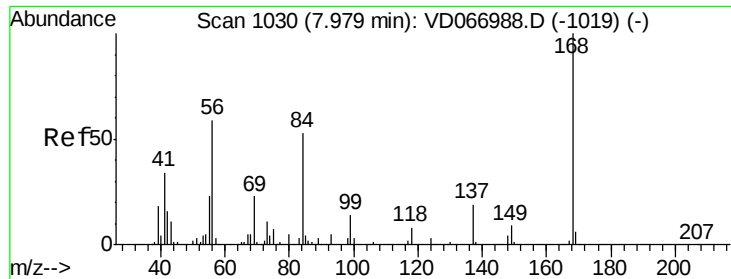
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067062.D

Acq: 03 Oct 2020 04:44

Instrument :

MSVOA_D

ClientSampleId :

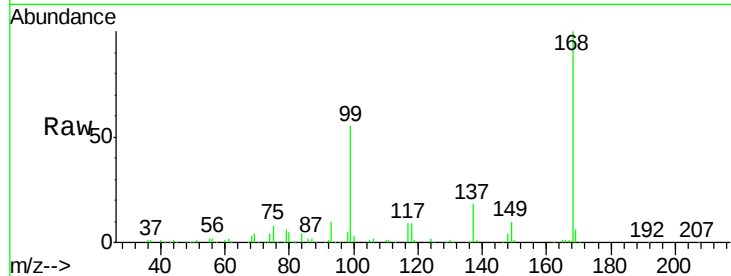
B-19(5-7)

Tot Ion:168 Resp: 574424

Ion Ratio Lower Upper

168 100

99 54.5 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

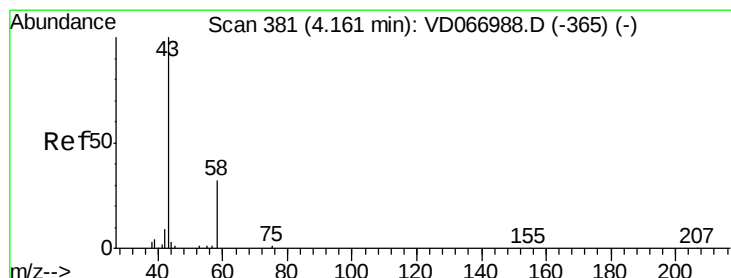
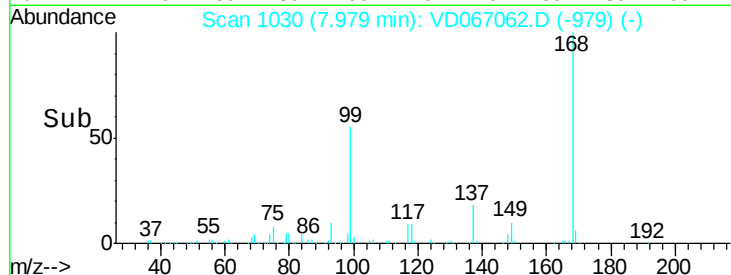
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 20.490 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.00 min

Lab File: VD067062.D

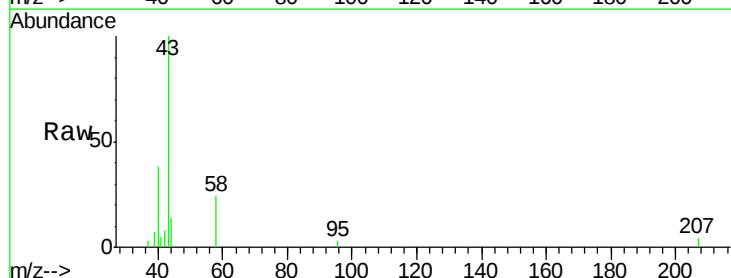
Acq: 03 Oct 2020 04:44

Tgt Ion: 43 Resp: 17306

Ion Ratio Lower Upper

43 100

58 24.5 25.9 38.9#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

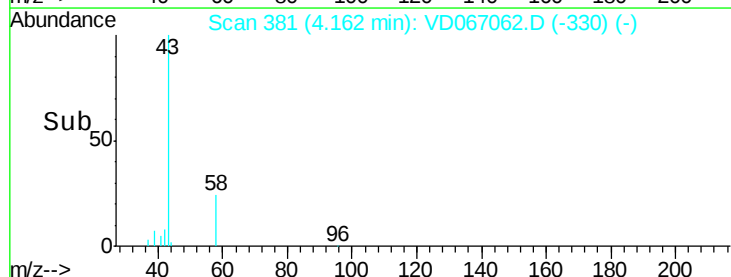
6000

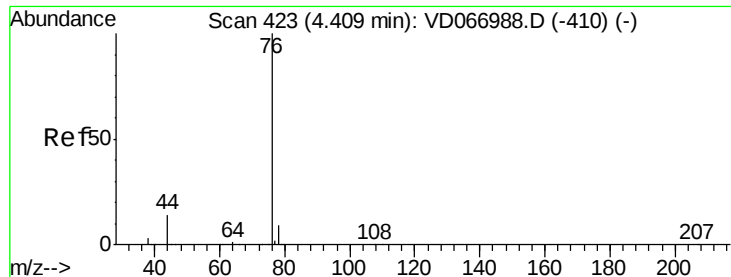
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2000

0

Time-->

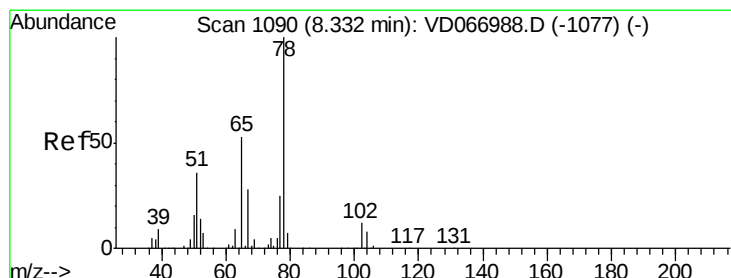
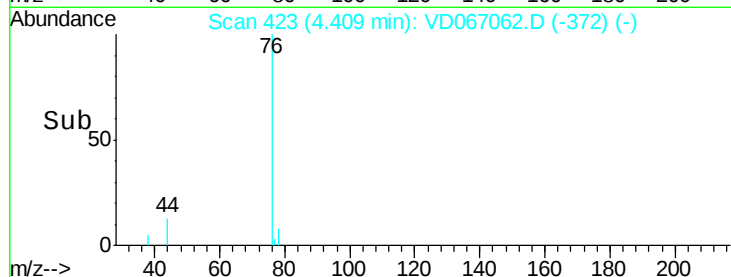
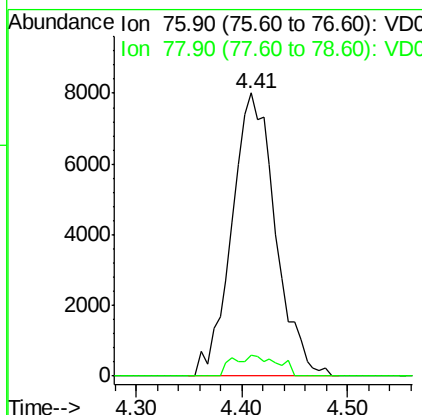
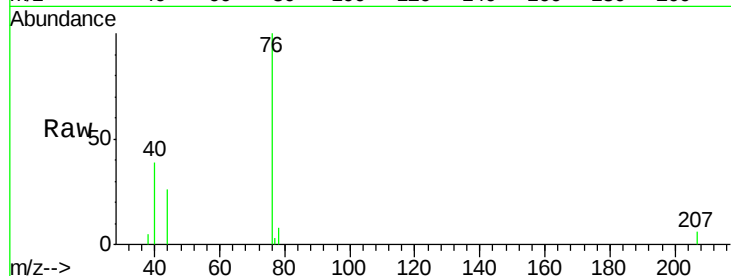




#17
Carbon Disulfide
Concen: 1.380 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067062.D
Acq: 03 Oct 2020 04:44

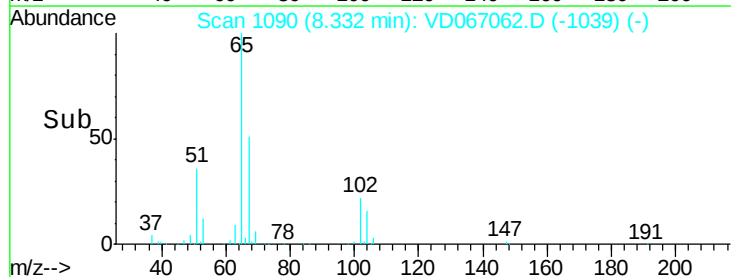
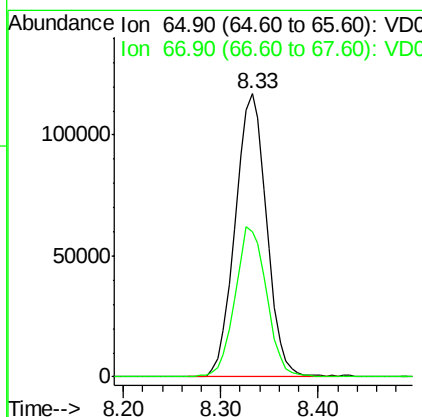
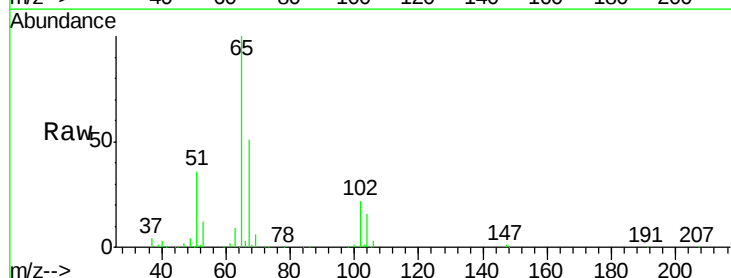
Instrument :
MSVOA_D
ClientSampleId :
B-19(5-7)

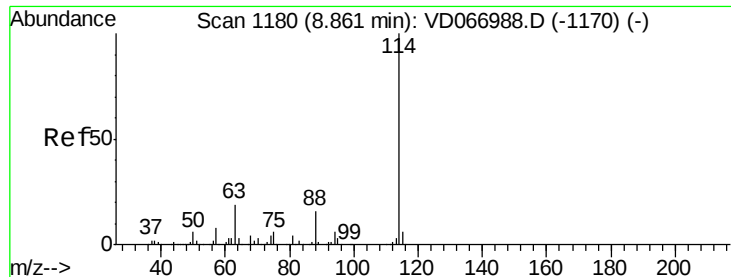
Tot Ion: 76 Resp: 22941
Ion Ratio Lower Upper
76 100
78 7.6 7.5 11.3



#33
1,2-Dichloroethane-d4
Concen: 47.542 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD067062.D
Acq: 03 Oct 2020 04:44

Tgt Ion: 65 Resp: 263044
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.8

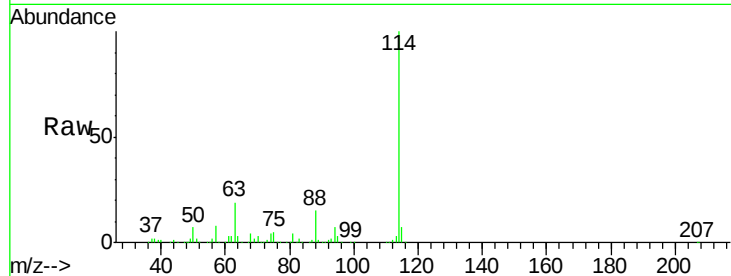




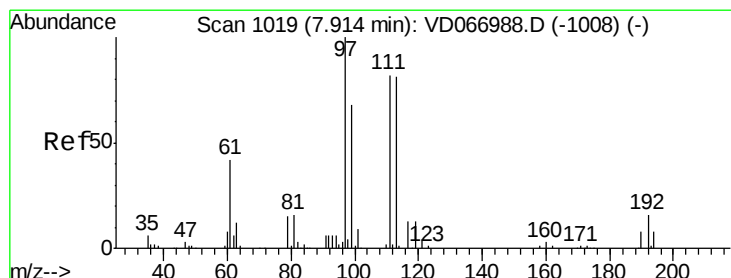
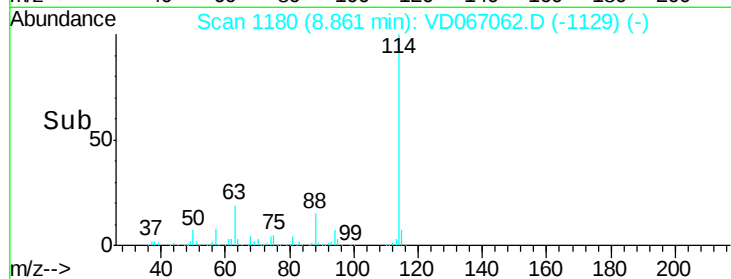
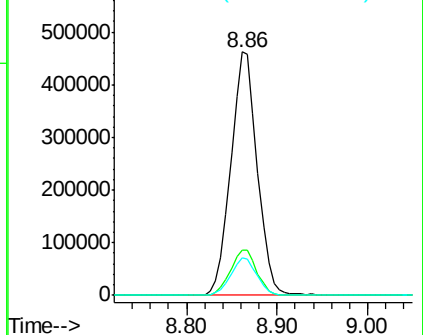
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067062.D
 Acq: 03 Oct 2020 04:44

Instrument :
 MSVOA_D
 ClientSampleId :
 B-19(5-7)

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	38.4
88	15.2	0.0	31.2

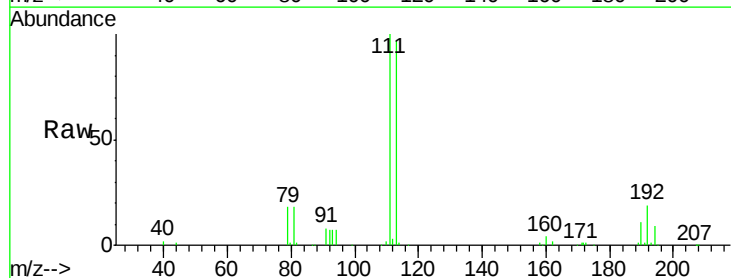


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

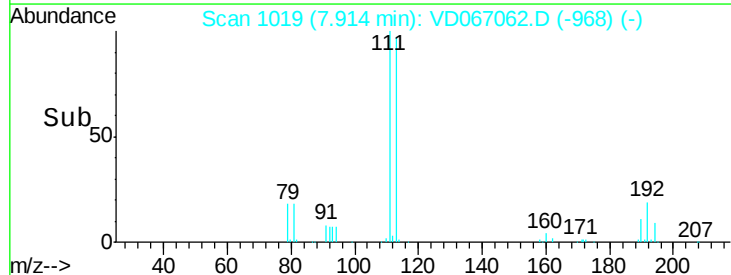
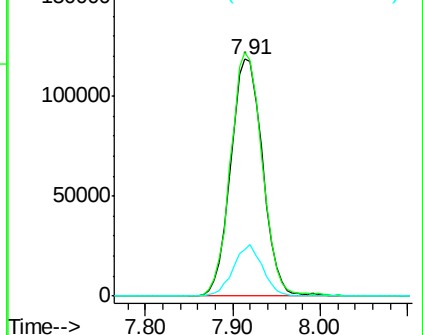


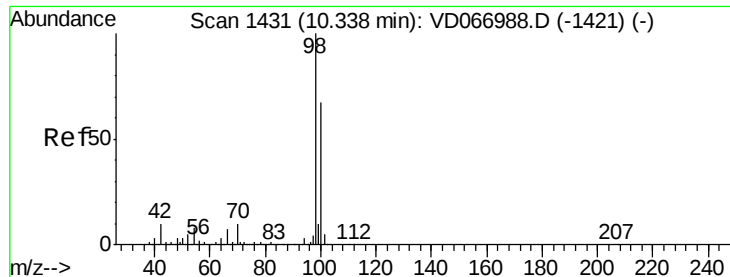
#35
 Dibromofluoromethane
 Concen: 47.785 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067062.D
 Acq: 03 Oct 2020 04:44

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.0	124.4
192	20.0	15.5	23.3



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: 49.412 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067062.D

Acq: 03 Oct 2020 04:44

Instrument :

MSVOA_D

ClientSampleId :

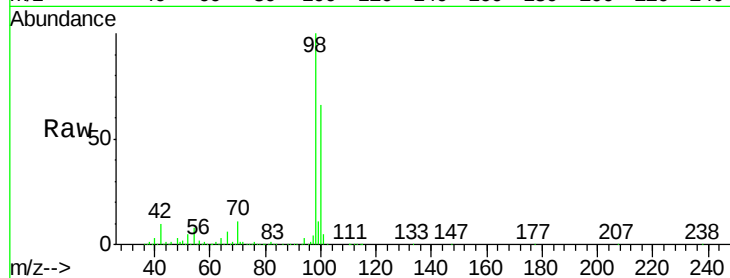
B-19(5-7)

Tot Ion: 98 Resp: 1106427

Ion Ratio Lower Upper

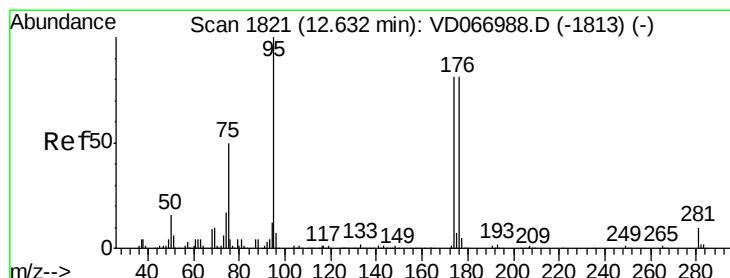
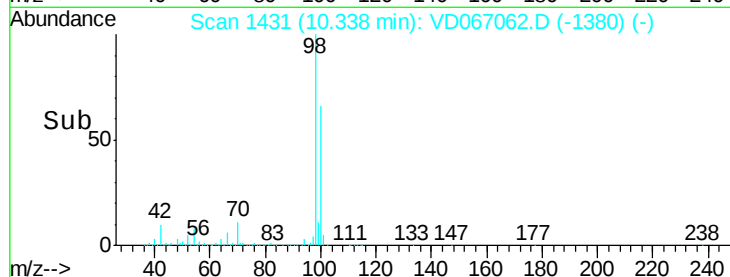
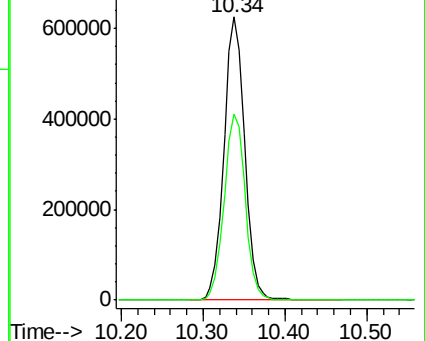
98 100

100 66.8 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 50.453 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD067062.D

Acq: 03 Oct 2020 04:44

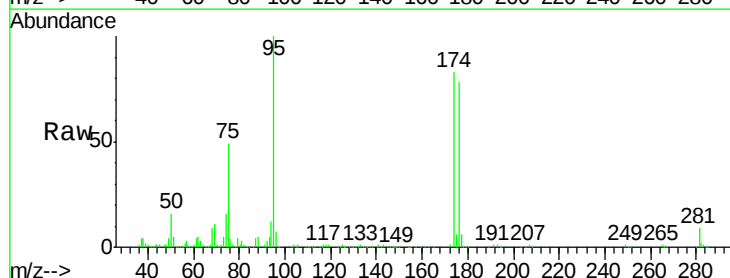
Tgt Ion: 95 Resp: 383522

Ion Ratio Lower Upper

95 100

174 82.7 0.0 167.6

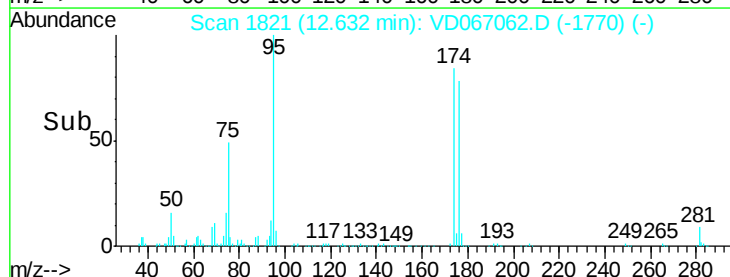
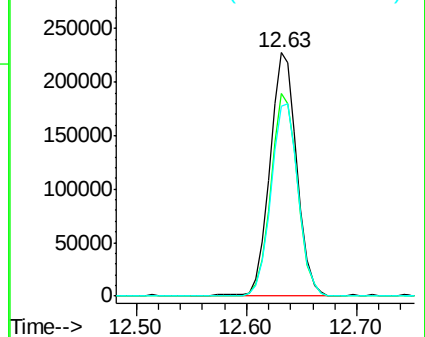
176 80.4 0.0 162.4

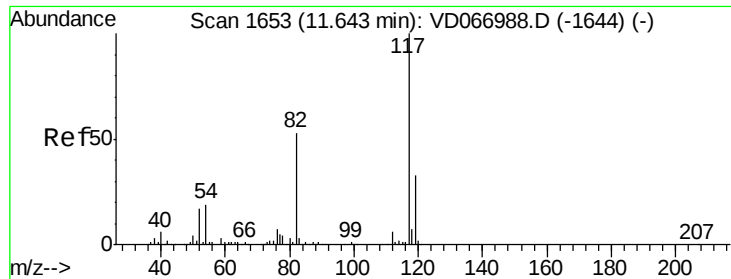


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

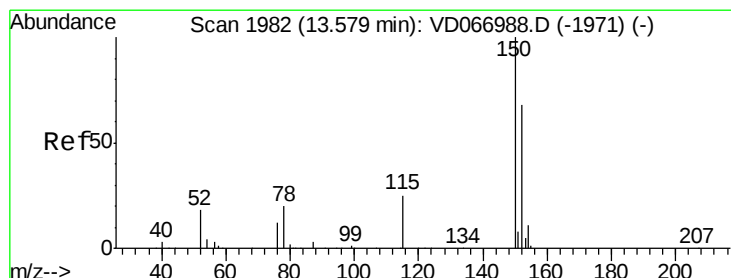
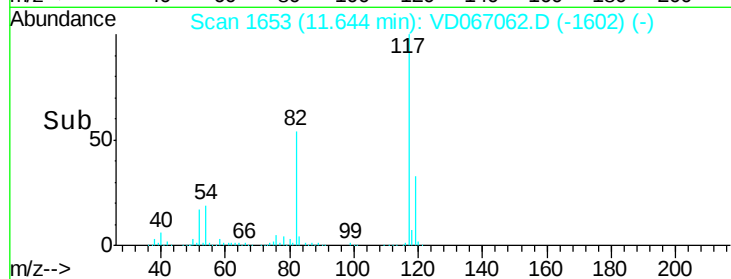
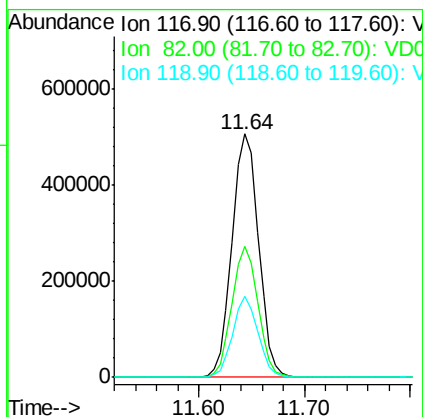
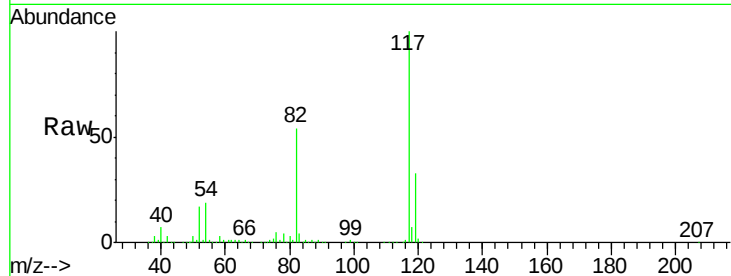




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067062.D
Acq: 03 Oct 2020 04:44

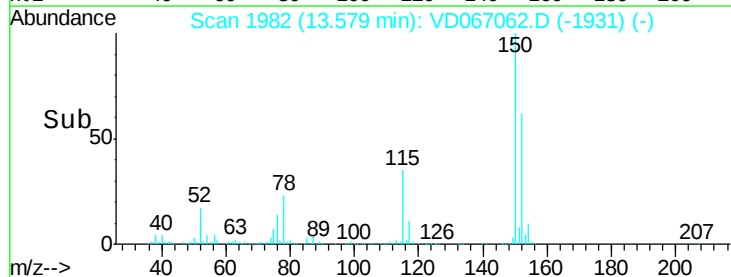
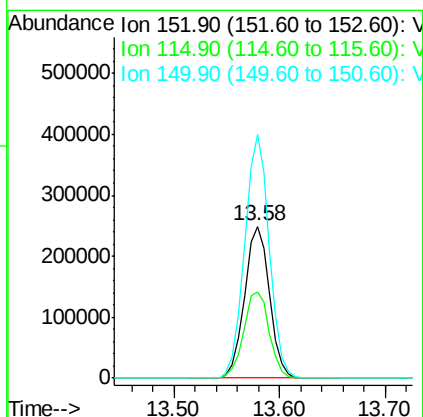
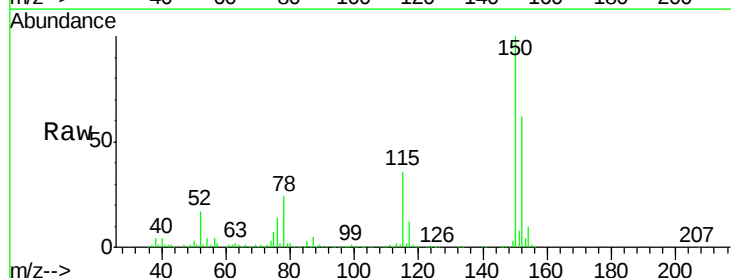
Instrument :
MSVOA_D
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B-19(5-7)

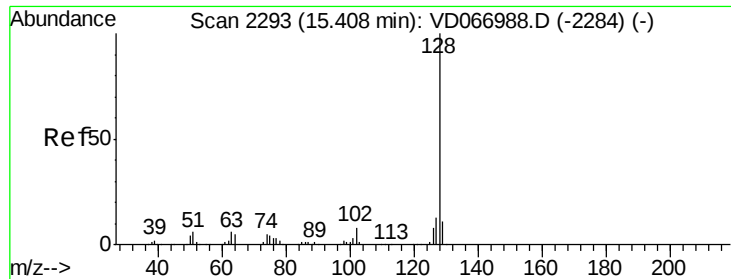
Tot Ion:117 Resp: 878630
Ion Ratio Lower Upper
117 100
82 53.6 42.6 63.8
119 33.1 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067062.D
Acq: 03 Oct 2020 04:44

Tgt Ion:152 Resp: 407191
Ion Ratio Lower Upper
152 100
115 58.3 29.6 88.8
150 157.8 0.0 344.8





#95
Naphthalene
Concen: 1.049 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD067062.D
Acq: 03 Oct 2020 04:44

Instrument :
MSVOA_D
ClientSampleId :
B-19(5-7)

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.9	10.3	15.5#
129	8.0	8.6	13.0#

