

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072720\
 Data File : VD066068.D
 Acq On : 27 Jul 2020 15:47
 Operator : VA/SY
 Sample : L3436-21
 Misc : 7.40G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 21

Quant Time: Jul 27 18:05:04 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

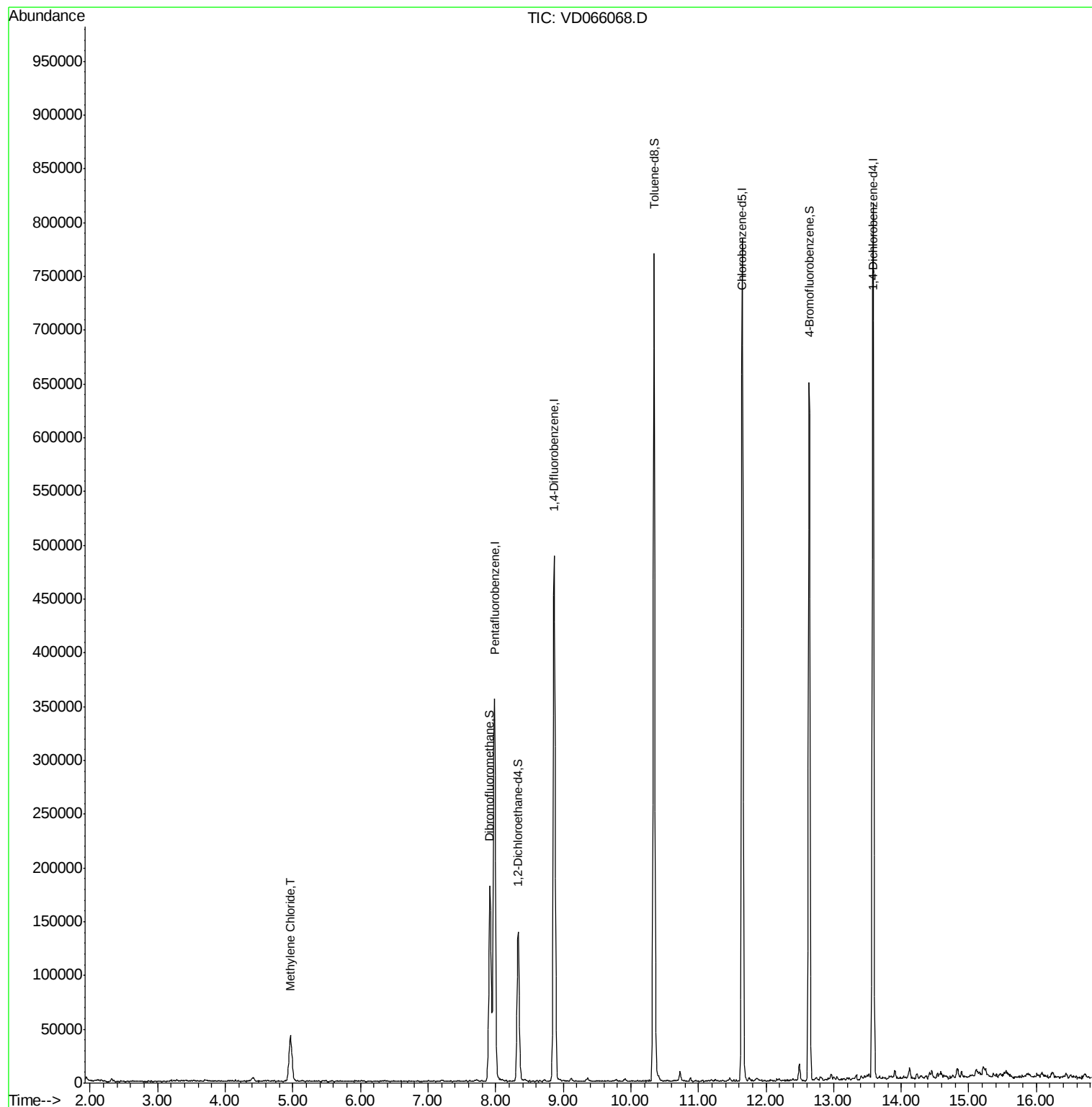
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	292687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	430632	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	450923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	232902	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	115413	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
35) Dibromofluoromethane	7.92	113	128983	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
50) Toluene-d8	10.34	98	525911	54.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.10%	
62) 4-Bromofluorobenzene	12.64	95	205043	60.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.56%	
Target Compounds						
20) Methylene Chloride	4.97	84	32722	9.898	ug/l	Qvalue 87

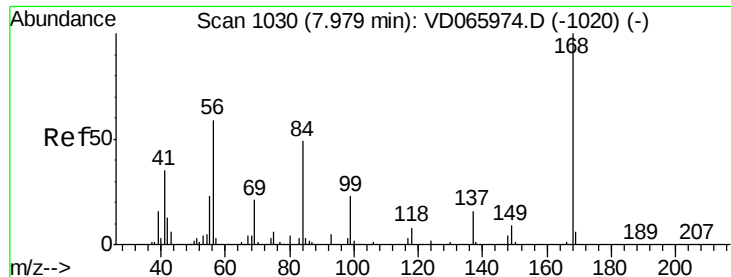
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD066068.D

Acq: 27 Jul 2020 15:47

Instrument :

MSVOA_D

ClientSampleId :

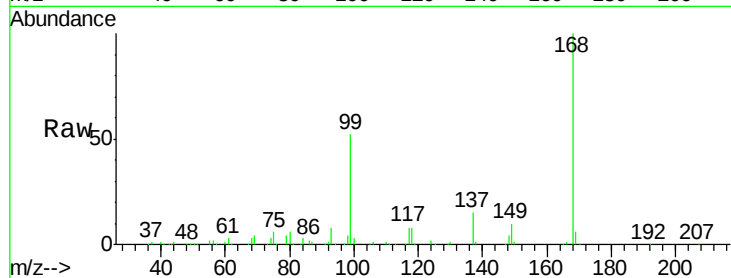
21

Tot Ion:168 Resp: 292687

Ion Ratio Lower Upper

168 100

99 52.3 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

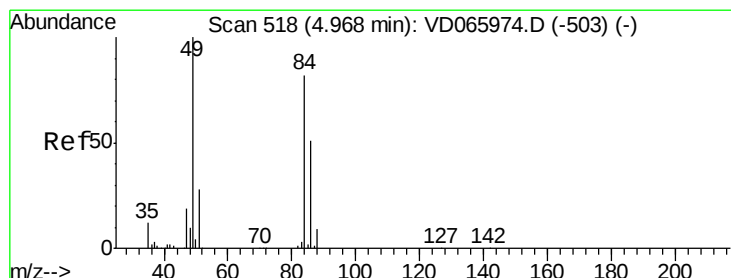
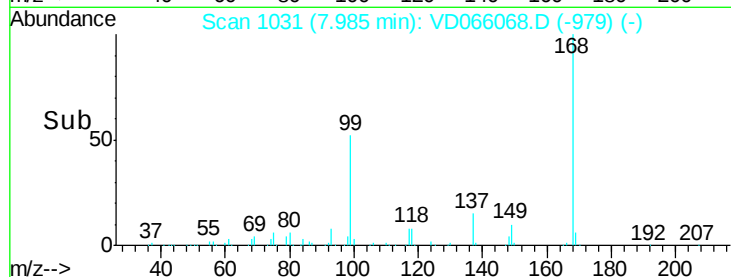
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 9.898 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.00 min

Lab File: VD066068.D

Acq: 27 Jul 2020 15:47

Tgt Ion: 84 Resp: 32722

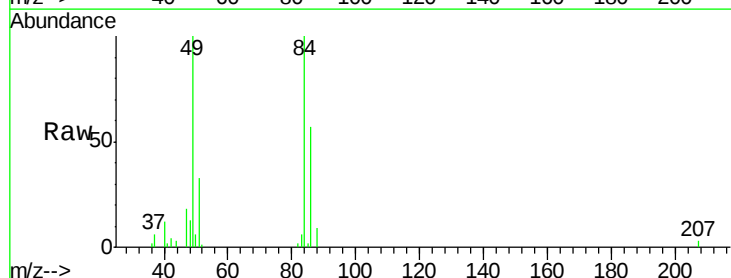
Ion Ratio Lower Upper

84 100

49 99.9 97.7 146.5

51 33.5 27.4 41.2

86 56.5 49.4 74.2



Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

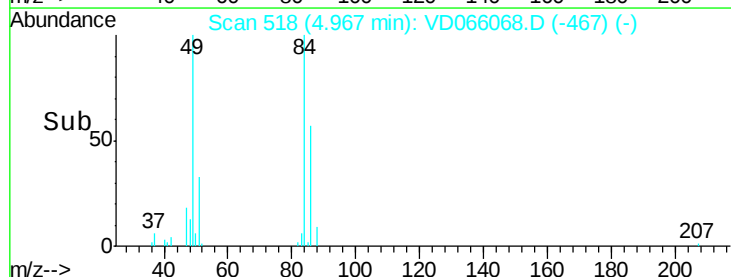
15000

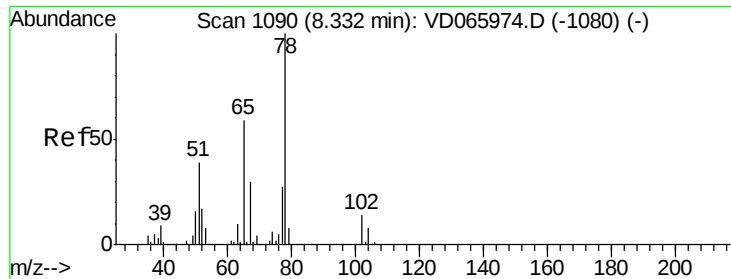
10000

5000

0

Time-->

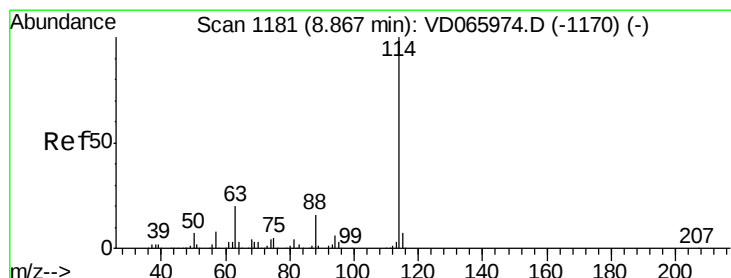
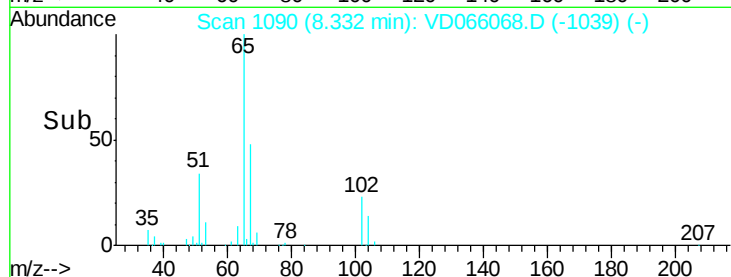
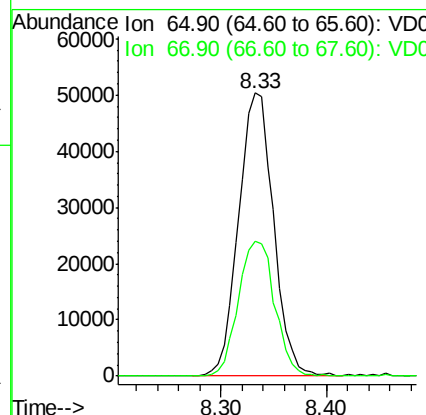
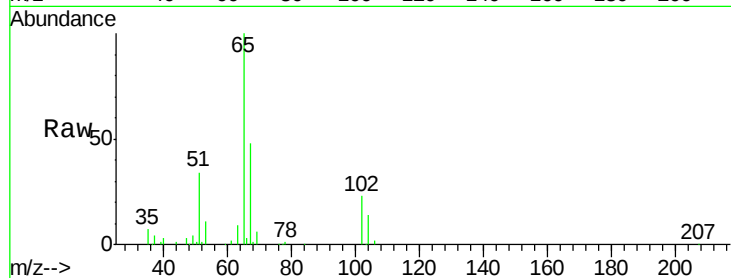




#33
 1,2-Dichloroethane-d4
 Concen: 48.461 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066068.D
 Acq: 27 Jul 2020 15:47

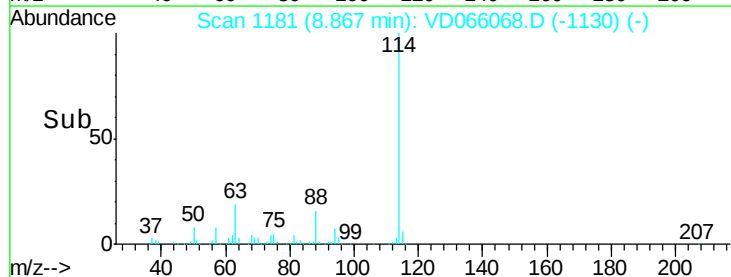
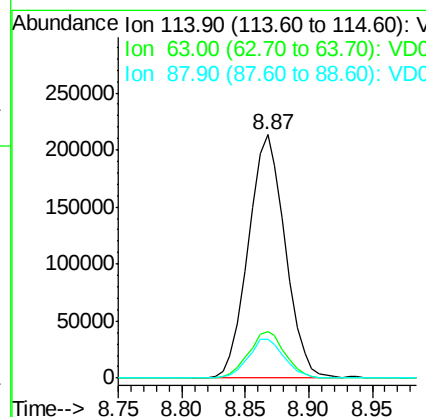
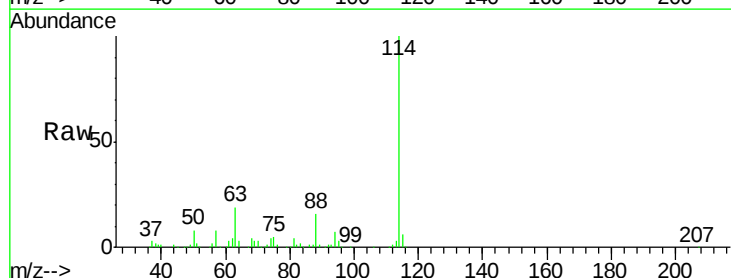
Instrument :
 MSVOA_D
 ClientSampleId :
 21

Tot Ion: 65 Resp: 115413
 Ion Ratio Lower Upper
 65 100
 67 49.7 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: VD066068.D
 Acq: 27 Jul 2020 15:47

Tgt Ion: 114 Resp: 430632
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.6
 88 15.9 0.0 31.2

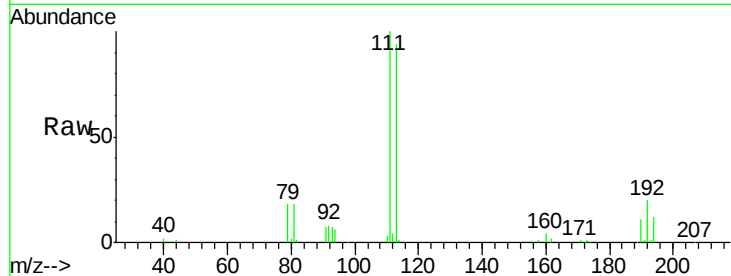




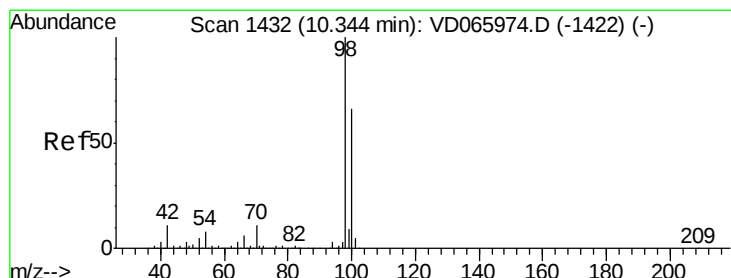
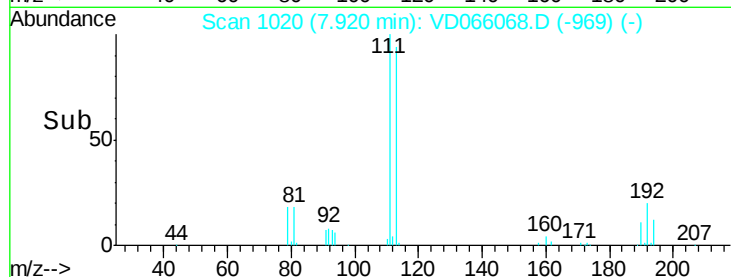
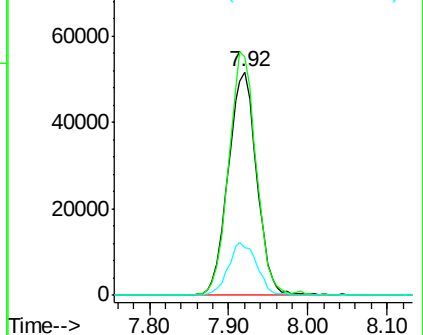
#35
Dibromofluoromethane
Concen: 49.382 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD066068.D
Acq: 27 Jul 2020 15:47

Instrument :
MSVOA_D
ClientSampled :
21

Tot Ion:113 Resp: 128983
Ion Ratio Lower Upper
113 100
111 104.0 83.2 124.8
192 23.6 18.7 28.1

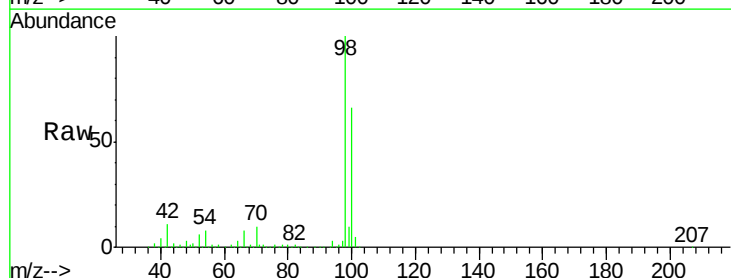


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

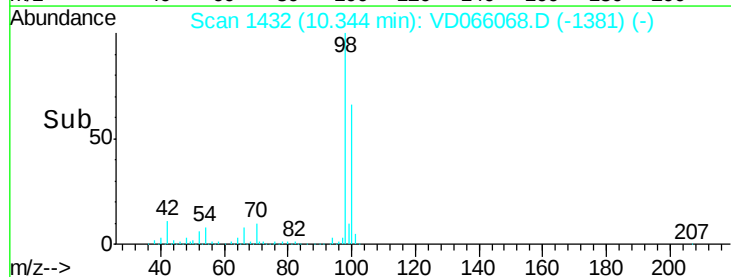
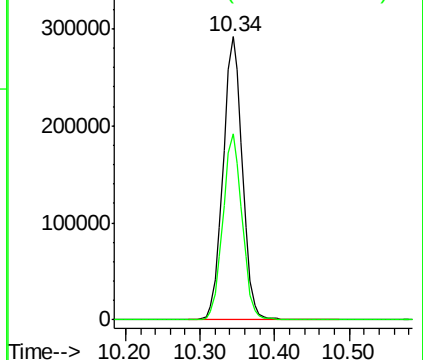


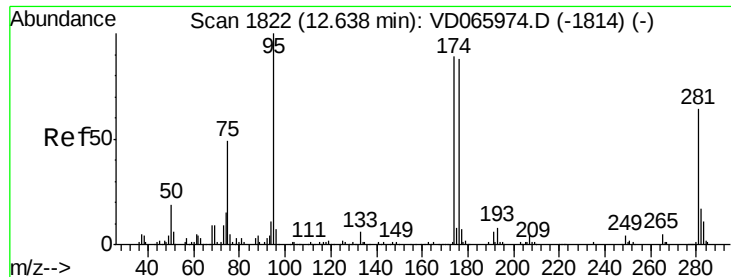
#50
Toluene-d8
Concen: 54.050 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD066068.D
Acq: 27 Jul 2020 15:47

Tgt Ion: 98 Resp: 525911
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1



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

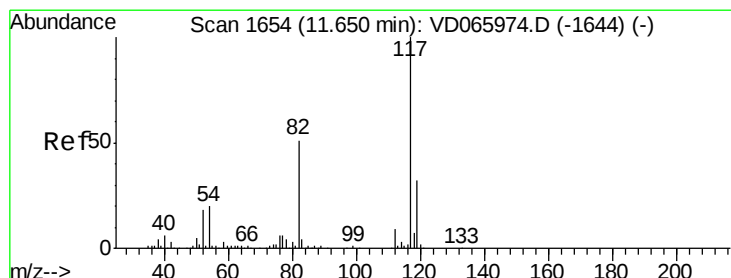
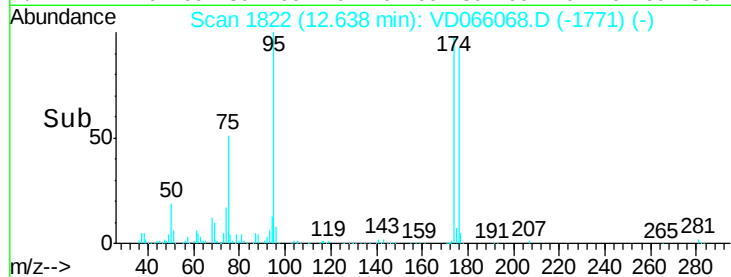
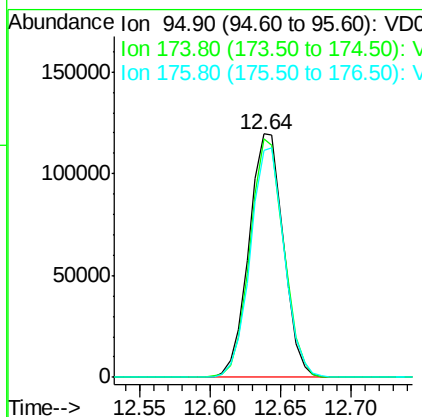
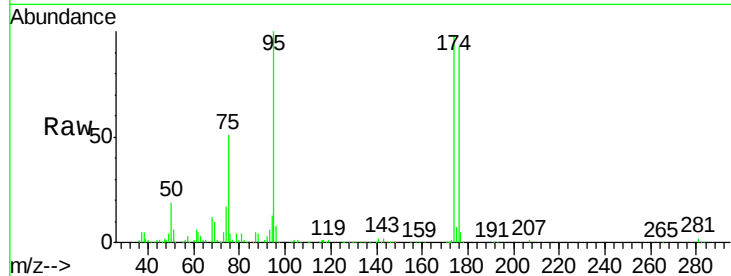




#62
4-Bromofluorobenzene
Concen: 60.775 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD066068.D
Acq: 27 Jul 2020 15:47

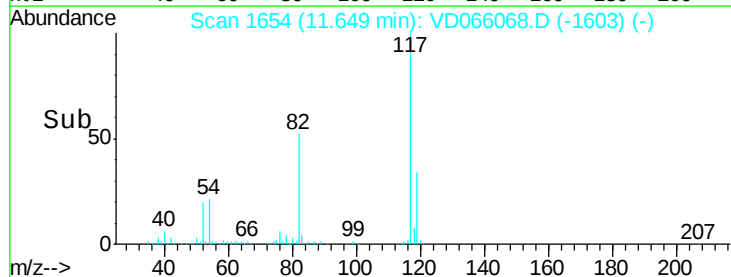
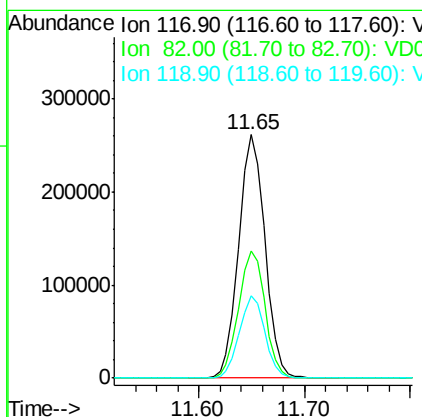
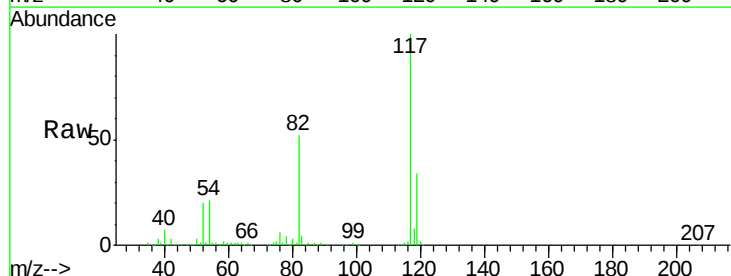
Instrument :
MSVOA_D
ClientSampleId :
21

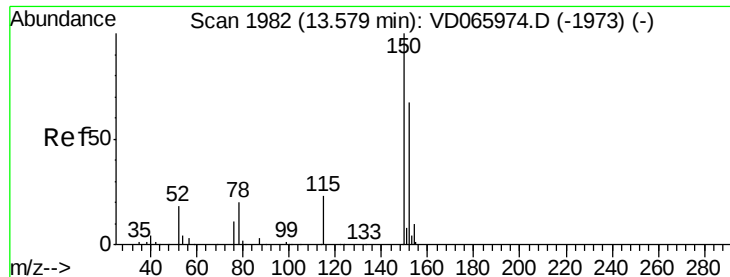
Tot Ion	95	Resp	205043
Ion	Ratio	Lower	Upper
95	100		
174	96.3	0.0	178.8
176	93.1	0.0	172.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066068.D
Acq: 27 Jul 2020 15:47

Tgt Ion	117	Resp	450923
Ion	Ratio	Lower	Upper
117	100		
82	52.0	41.1	61.7
119	33.8	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: VD066068.D

Acq: 27 Jul 2020 15:47

Instrument :

MSVOA_D

ClientSampleId :

21

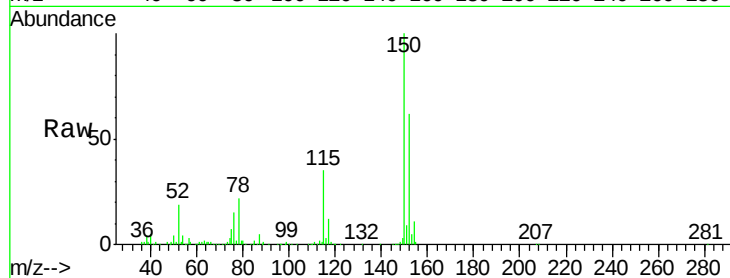
Tot Ion:152 Resp: 232902

Ion Ratio Lower Upper

152 100

115 56.0 27.9 83.7

150 158.0 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

