

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072120\
 Data File : VD065982.D
 Acq On : 21 Jul 2020 16:12
 Operator : VA/SY
 Sample : L3308-02
 Misc : 5.06G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 2

Quant Time: Jul 21 17:10:02 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

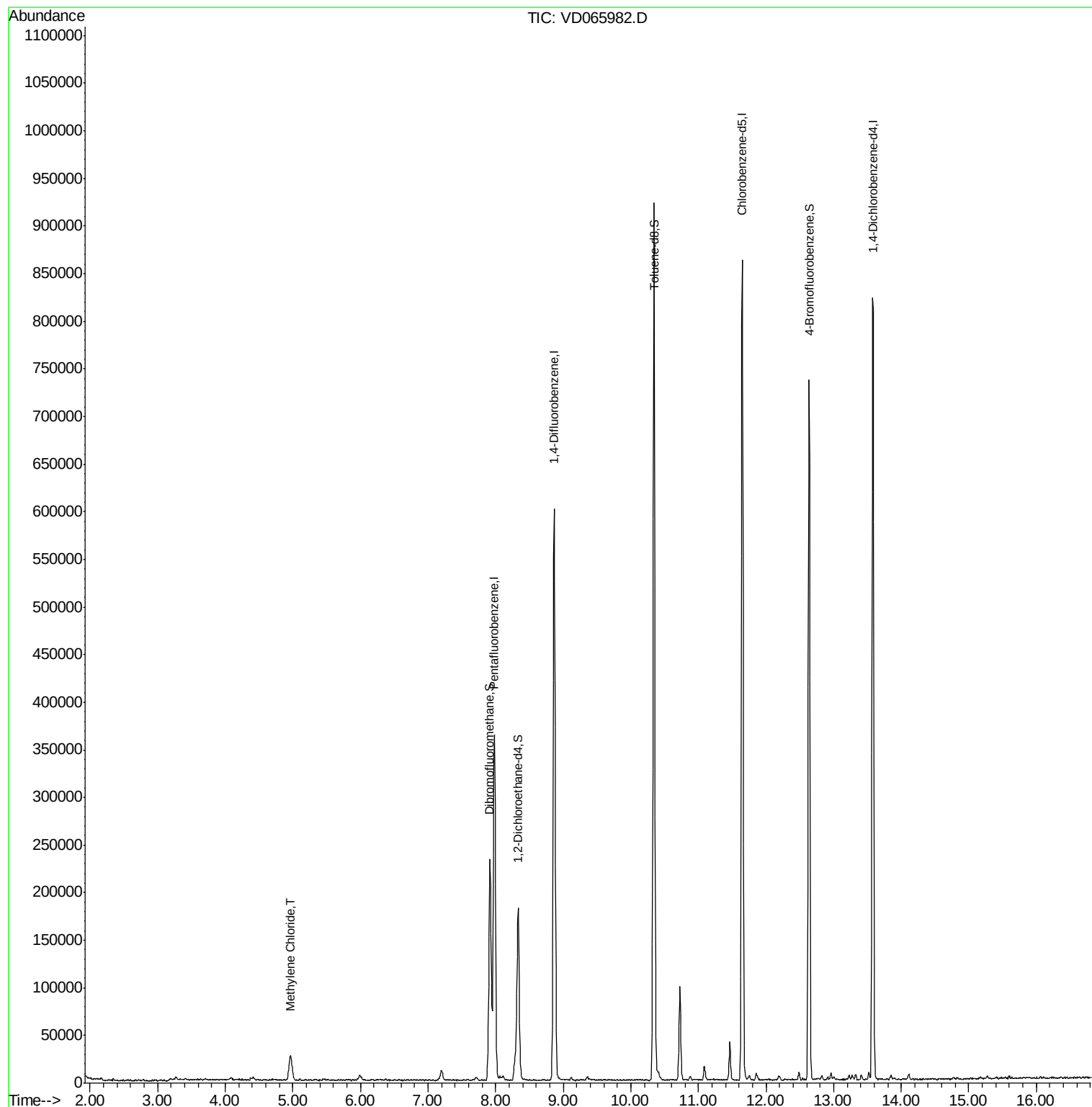
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	297034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	528344	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	523012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	235667	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	141015	58.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.68%	
35) Dibromofluoromethane	7.91	113	164549	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
50) Toluene-d8	10.34	98	624887	52.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.68%	
62) 4-Bromofluorobenzene	12.64	95	222999	53.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.74%	
Target Compounds						
20) Methylene Chloride	4.96	84	19559	4.534	ug/l	Qvalue 90

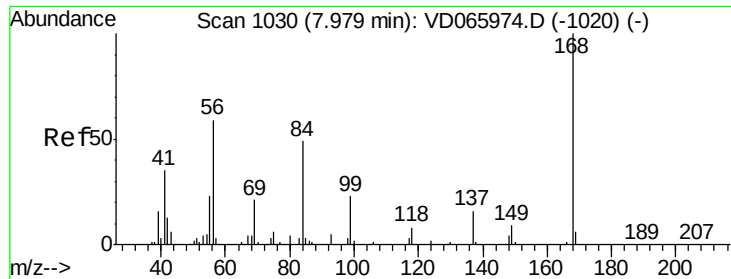
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD065982.D

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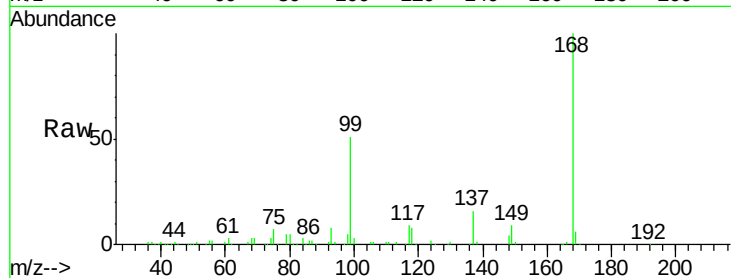
2

Tot Ion:168 Resp: 297034

Ion Ratio Lower Upper

168 100

99 51.3 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

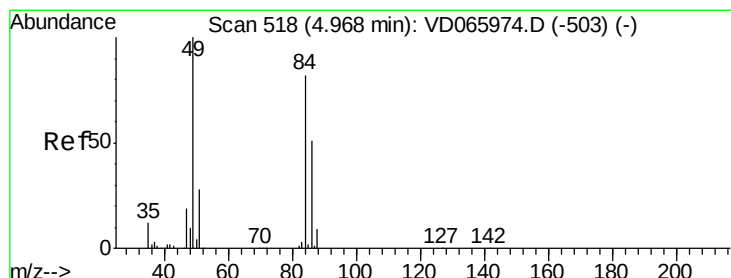
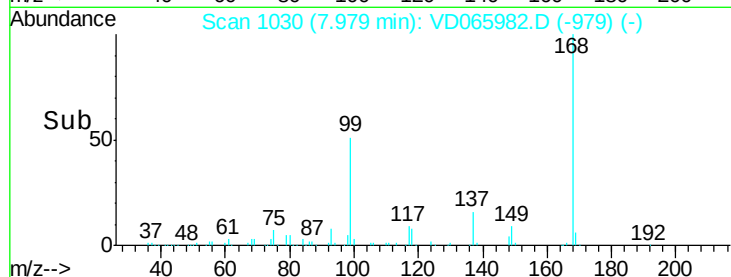
100000

50000

0

7.90 8.00 8.10

Time-->



#20

Methylene Chloride

Concen: 4.534 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD065982.D

Acq: 21 Jul 2020 16:12

Tgt Ion: 84 Resp: 19559

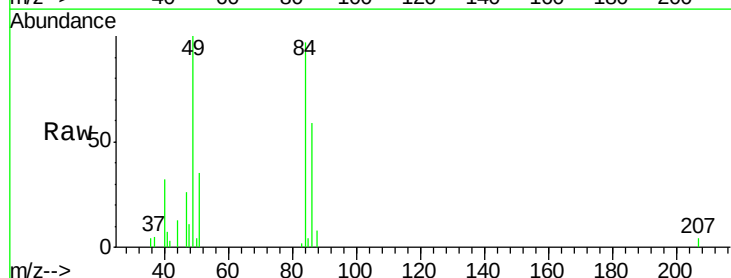
Ion Ratio Lower Upper

84 100

49 103.1 97.7 146.5

51 35.9 27.4 41.2

86 61.3 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

10000

8000

6000

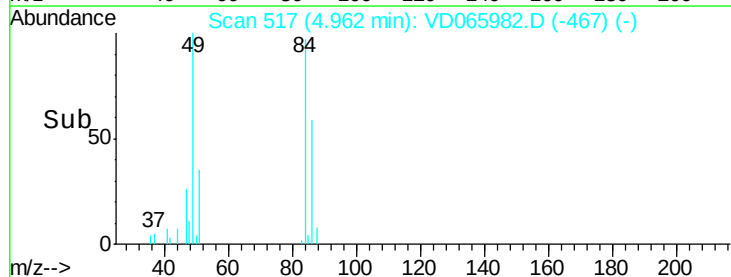
4000

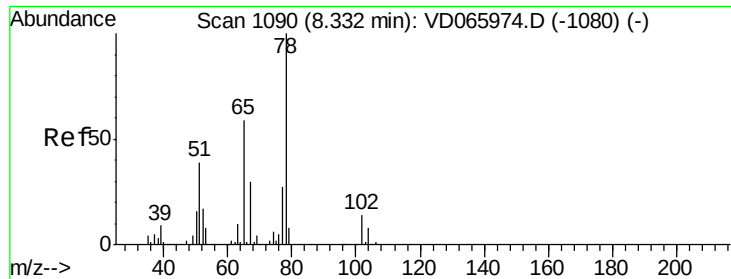
2000

0

4.90 5.00

Time-->

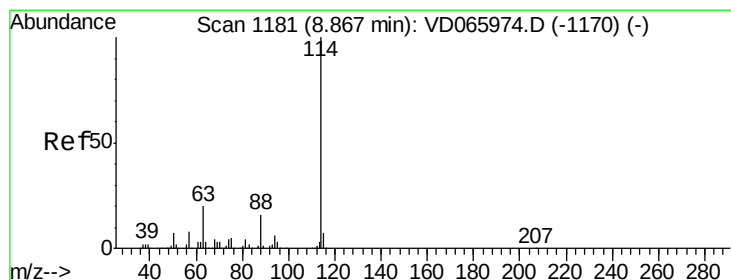
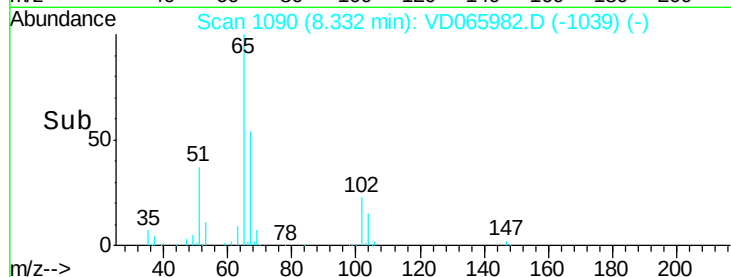
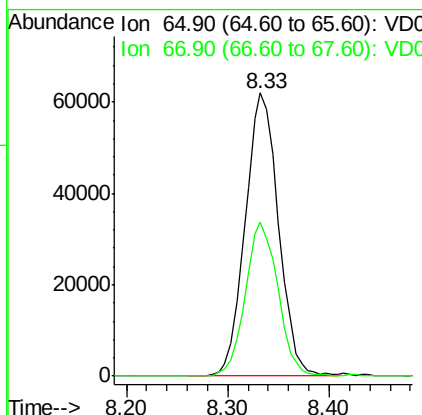
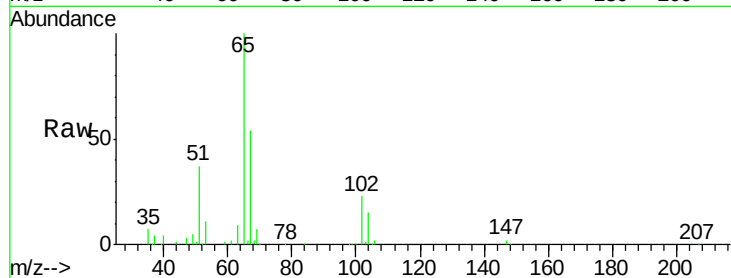




#33
 1,2-Dichloroethane-d4
 Concen: 58.345 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD065982.D
 Acq: 21 Jul 2020 16:12

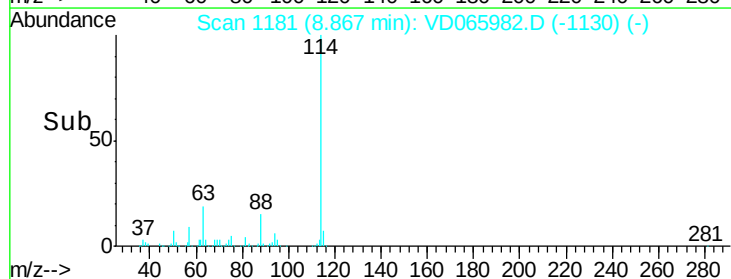
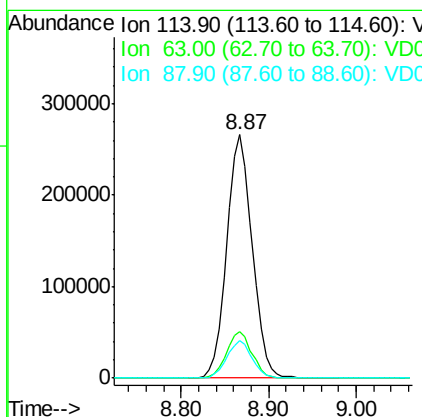
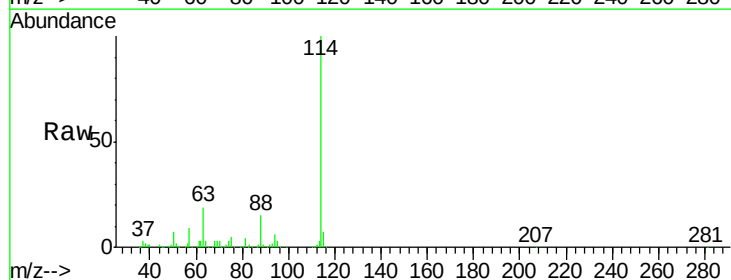
Instrument :
 MSVOA_D
 ClientSampleId :
 2

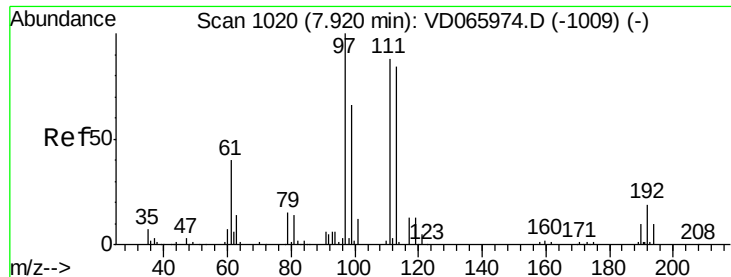
Tot Ion: 65 Resp: 141015
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065982.D
 Acq: 21 Jul 2020 16:12

Tgt Ion: 114 Resp: 528344
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.6
 88 15.3 0.0 31.2

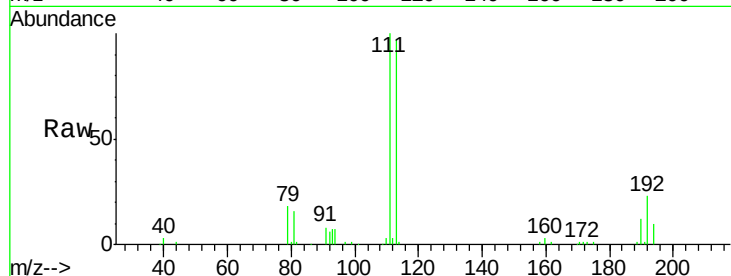




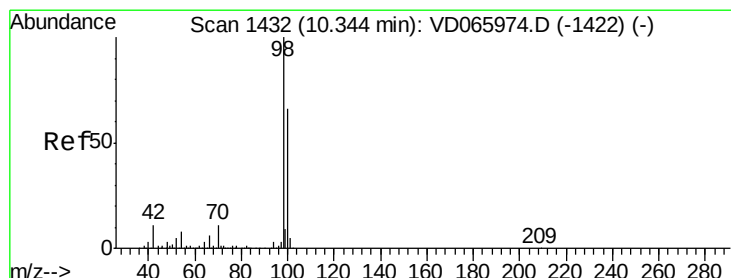
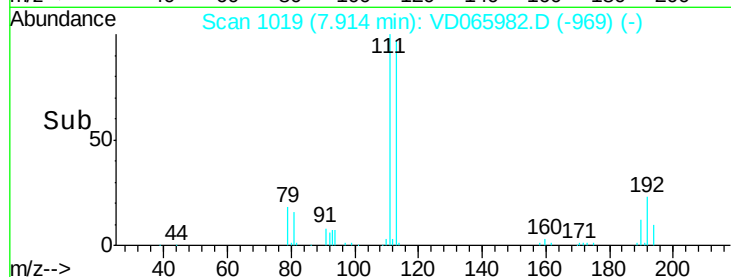
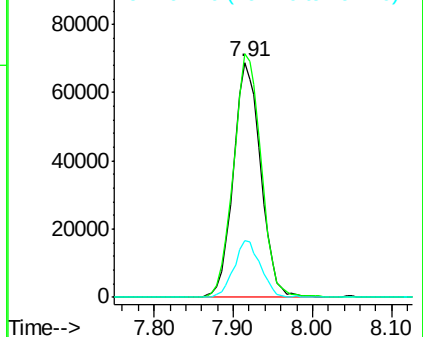
#35
 Dibromofluoromethane
 Concen: 51.348 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065982.D
 Acq: 21 Jul 2020 16:12

Instrument :
 MSVOA_D
 ClientSampleId :
 2

Tot Ion:113 Resp: 164549
 Ion Ratio Lower Upper
 113 100
 111 104.7 83.2 124.8
 192 23.5 18.7 28.1

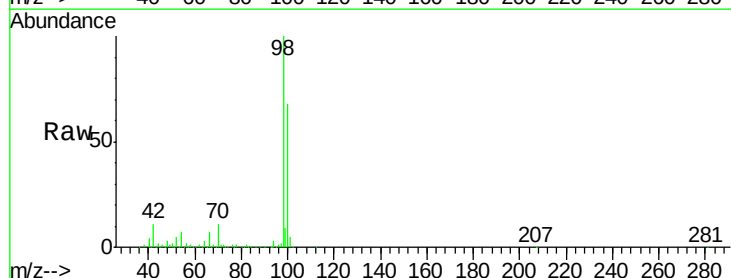


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

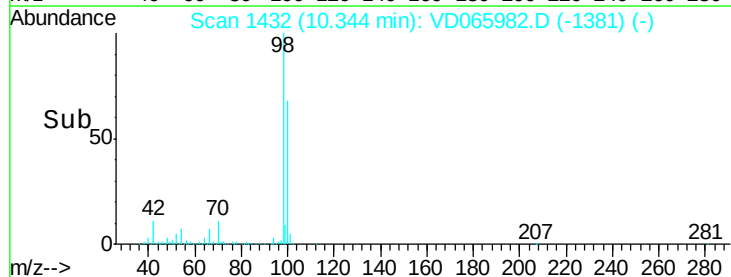
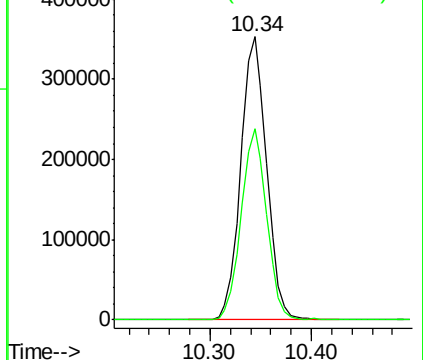


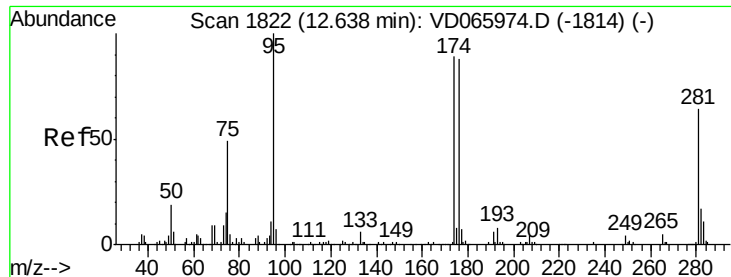
#50
 Toluene-d8
 Concen: 52.345 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD065982.D
 Acq: 21 Jul 2020 16:12

Tgt Ion: 98 Resp: 624887
 Ion Ratio Lower Upper
 98 100
 100 66.8 52.7 79.1



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

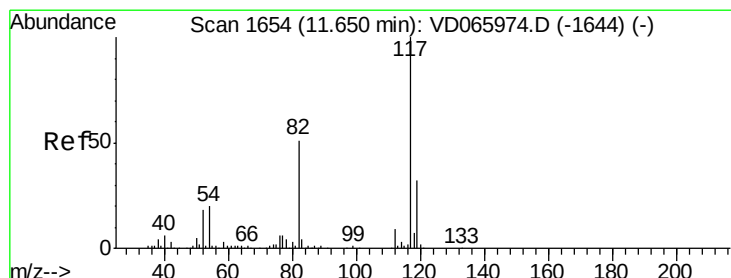
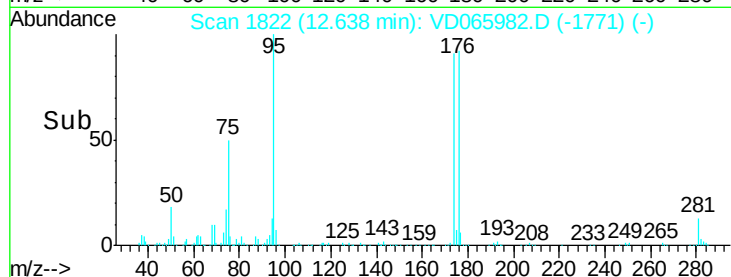
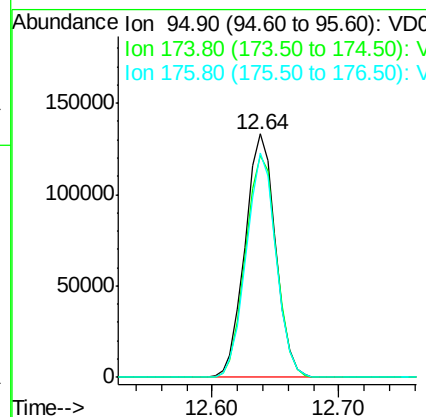
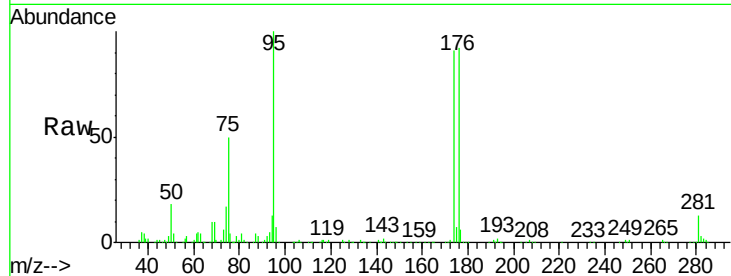




#62
4-Bromofluorobenzene
Concen: 53.873 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065982.D
Acq: 21 Jul 2020 16:12

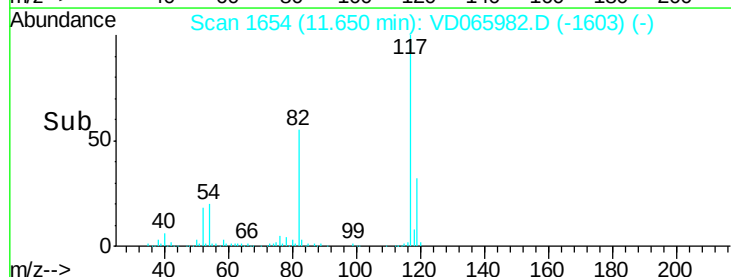
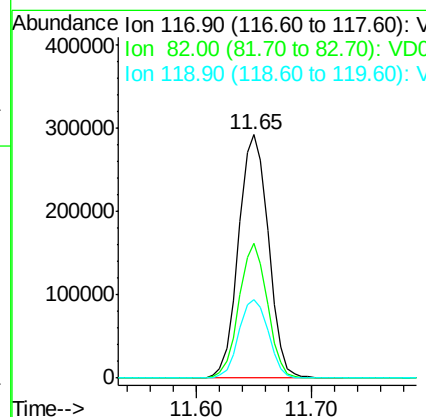
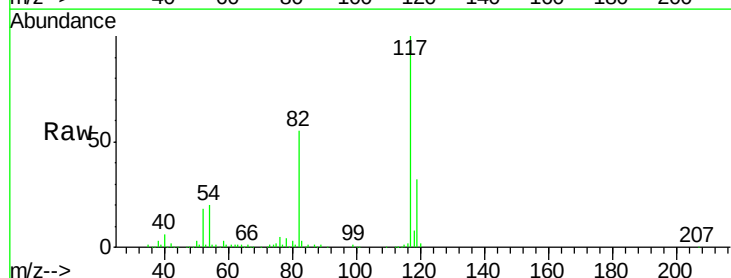
Instrument :
MSVOA_D
ClientSampleId :
2

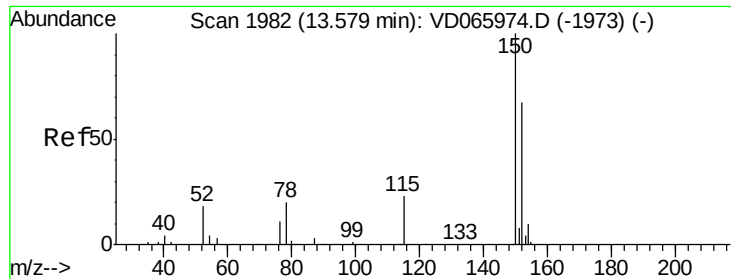
Tot Ion	Ratio	Lower	Upper
95	100		
174	92.3	0.0	178.8
176	89.7	0.0	172.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065982.D
Acq: 21 Jul 2020 16:12

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.4	41.1	61.7
119	32.3	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: VD065982.D

Acq: 21 Jul 2020 16:12

Instrument :

MSVOA_D

ClientSampleId :

2

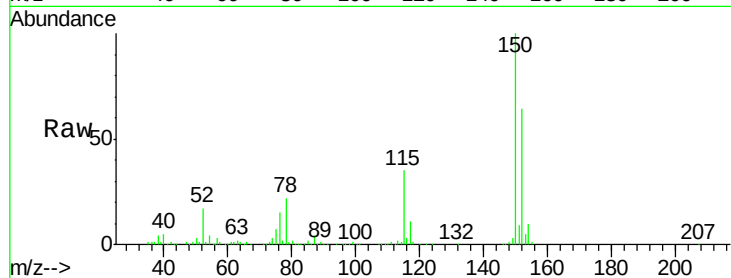
Tot Ion:152 Resp: 235667

Ion Ratio Lower Upper

152 100

115 56.1 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

