

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111919\
 Data File : VD064299.D
 Acq On : 19 Nov 2019 19:44
 Operator : VA/SY
 Sample : K5927-09
 Misc : 7.62G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-7

Quant Time: Nov 20 05:51:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

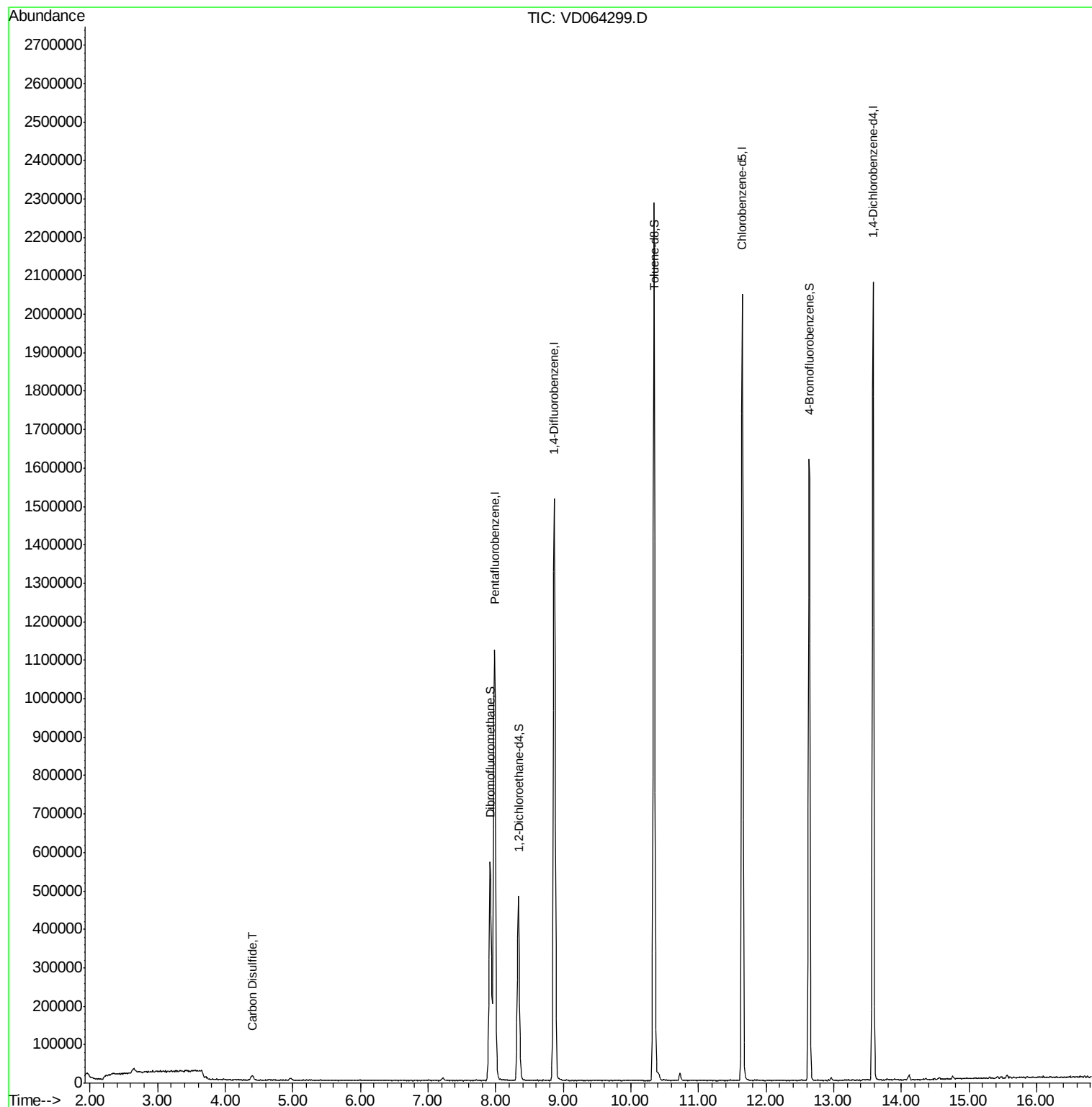
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	927337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1341253	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1171780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	568030	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	373856	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
35) Dibromofluoromethane	7.92	113	399983	51.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.90%	
50) Toluene-d8	10.34	98	1559444	53.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.38%	
62) 4-Bromofluorobenzene	12.64	95	502402	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
Target Compounds						
17) Carbon Disulfide	4.40	76	25540	1.052	ug/l	Qvalue 100

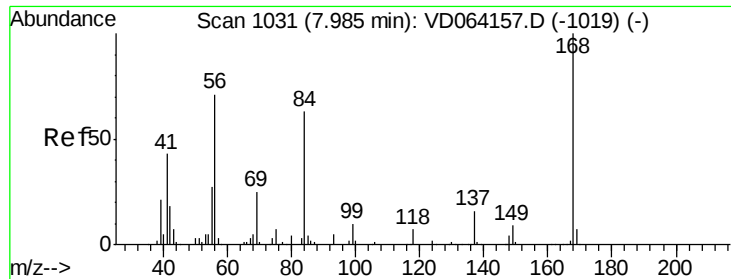
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

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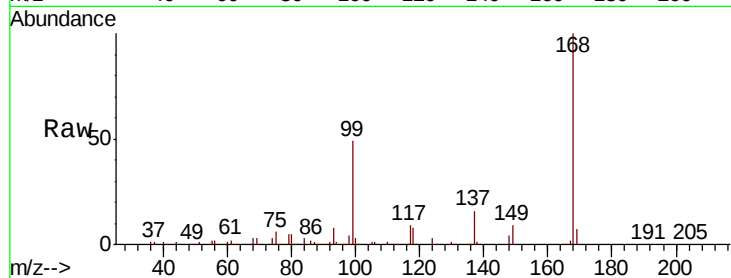
Instrument :
MSVOA_D
ClientSampleId :
B-7

Tot Ion:168 Resp: 927337

Ion Ratio Lower Upper

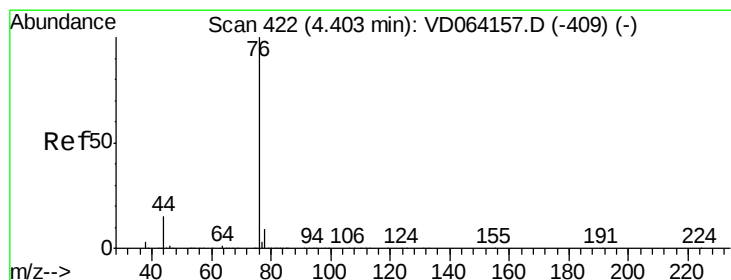
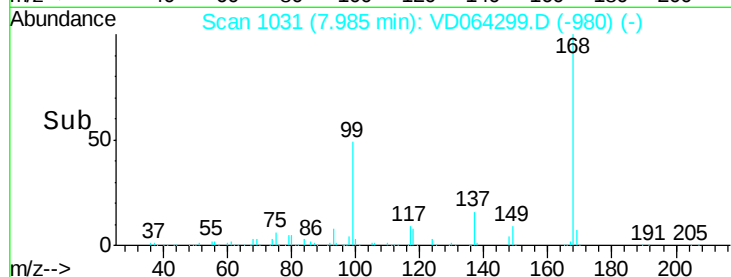
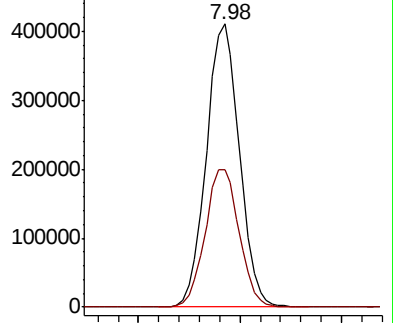
168 100

99 48.6 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#17

Carbon Disulfide

Concen: 1.052 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.00 min

Lab File: VD064299.D

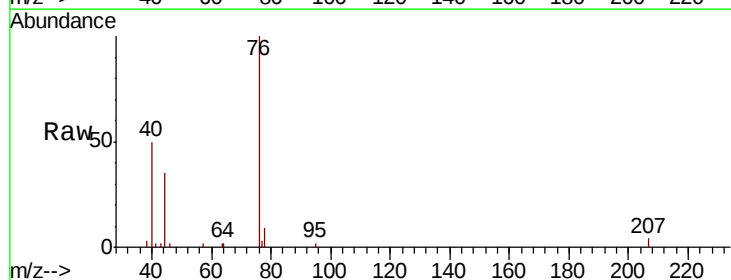
Acq: 19 Nov 2019 19:44

Tgt Ion: 76 Resp: 25540

Ion Ratio Lower Upper

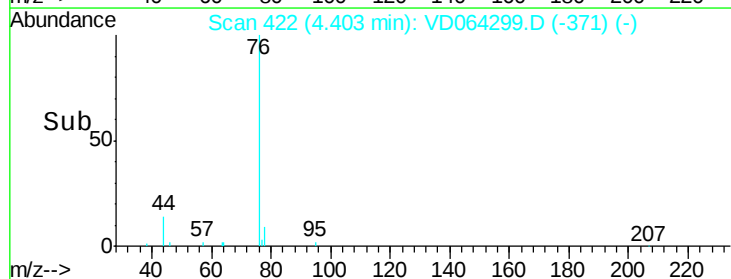
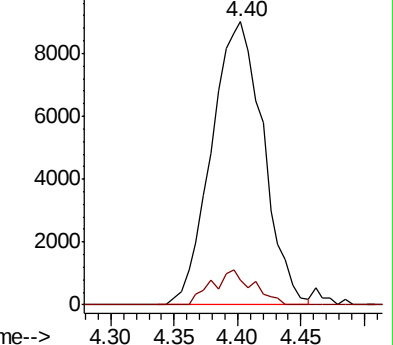
76 100

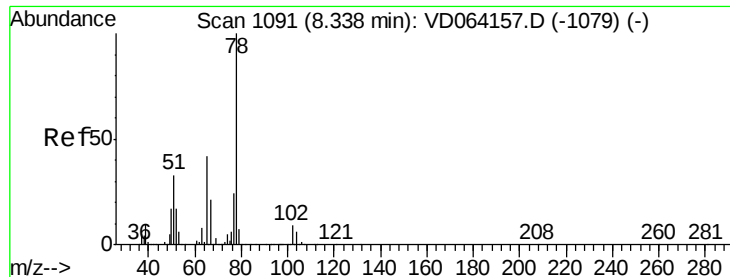
78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 49.019 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064299.D

Acq: 19 Nov 2019 19:44

Instrument :

MSVOA_D

ClientSampleId :

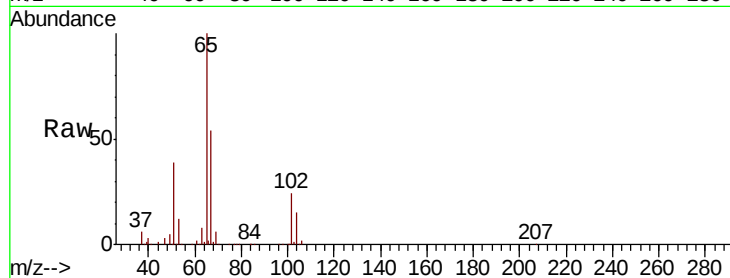
B-7

Tot Ion: 65 Resp: 373856

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

150000

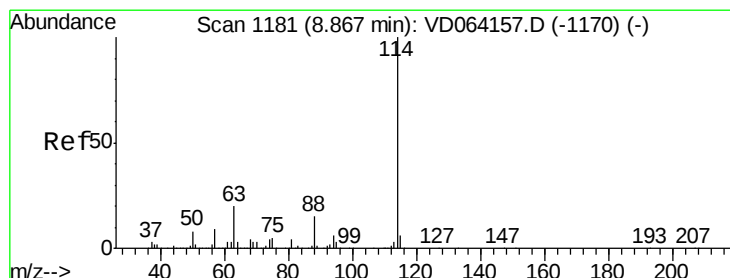
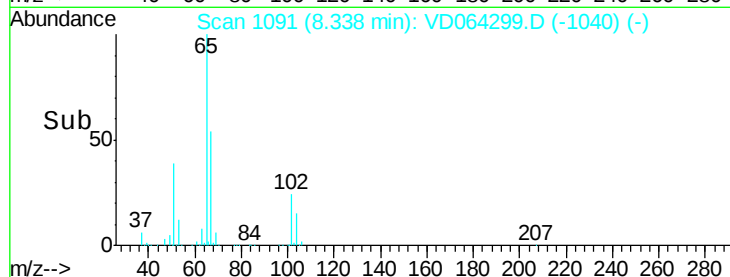
100000

50000

0

Time-->

8.25 8.30 8.35 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD064299.D

Acq: 19 Nov 2019 19:44

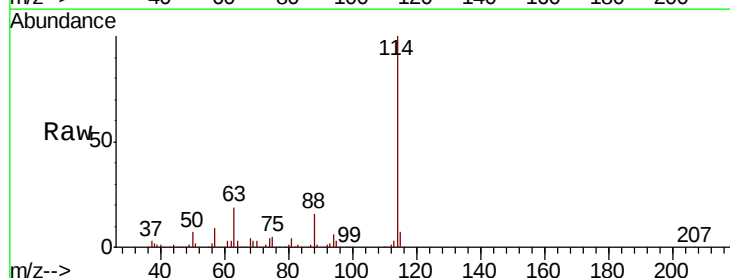
Tgt Ion: 114 Resp: 1341253

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

88 15.7 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

800000

600000

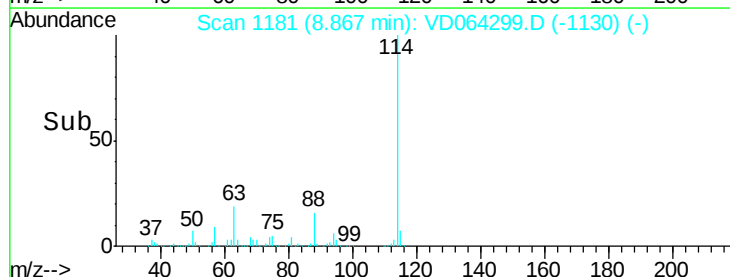
400000

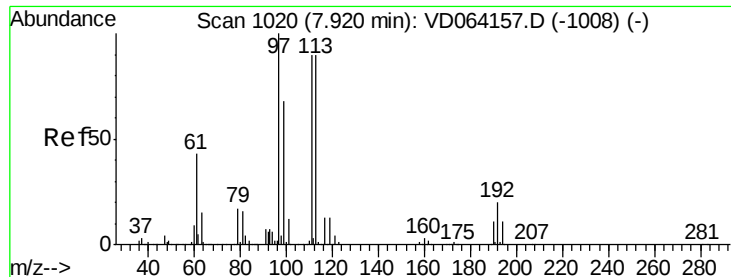
200000

0

Time-->

8.80 8.90 9.00

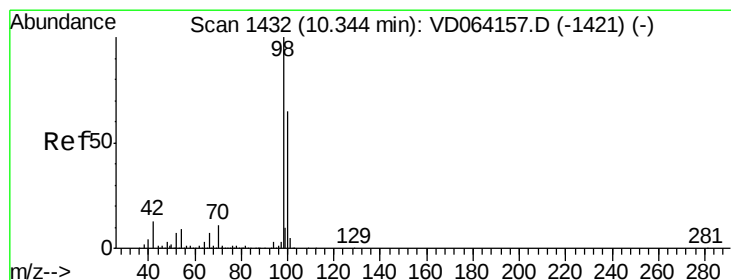
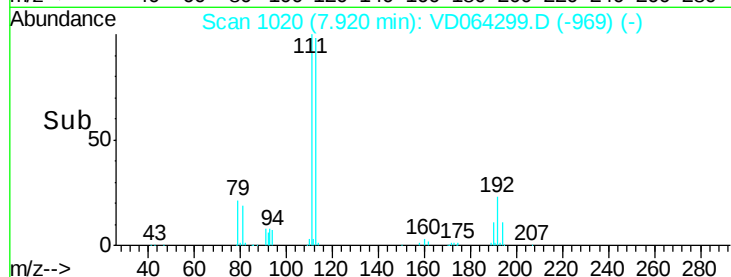
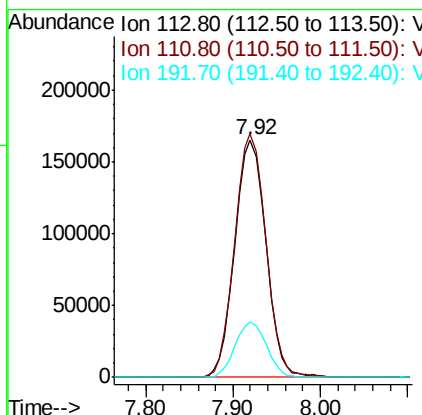
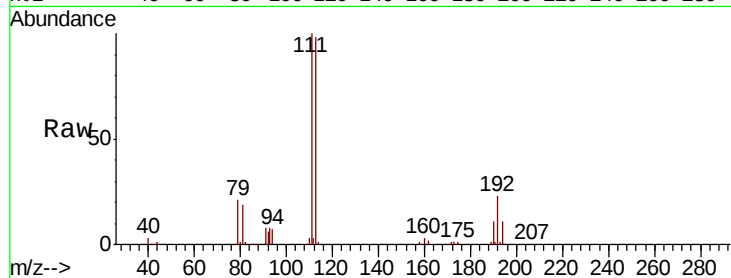




#35
 Dibromofluoromethane
 Concen: 51.953 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064299.D
 Acq: 19 Nov 2019 19:44

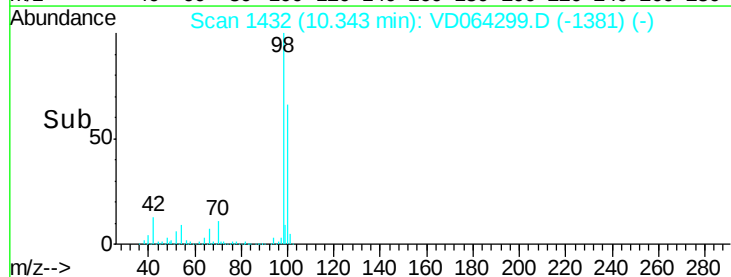
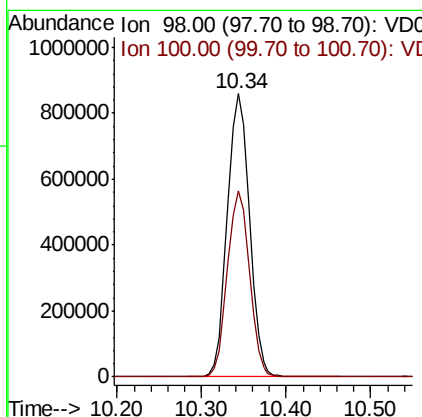
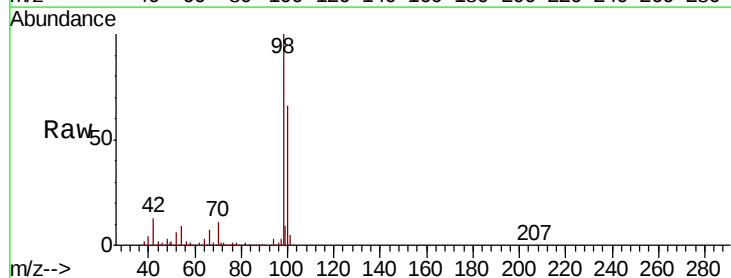
Instrument :
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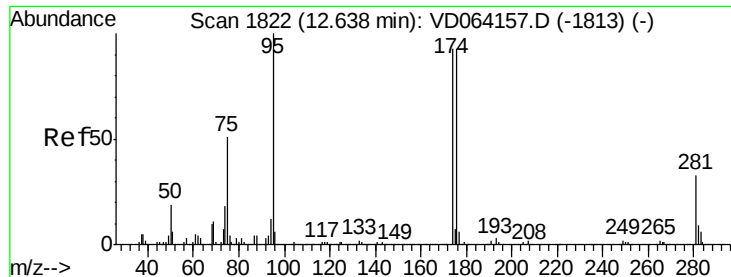
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.5	122.3
192	23.3	18.8	28.2



#50
 Toluene-d8
 Concen: 53.693 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD064299.D
 Acq: 19 Nov 2019 19:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.6	78.8

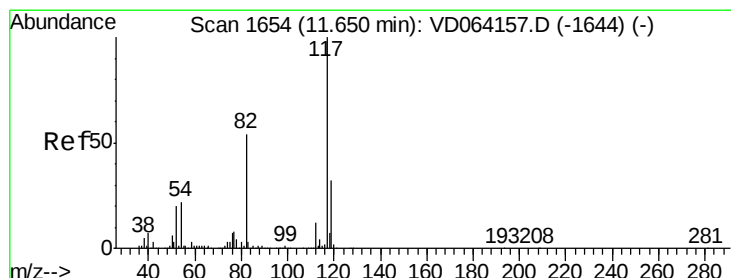
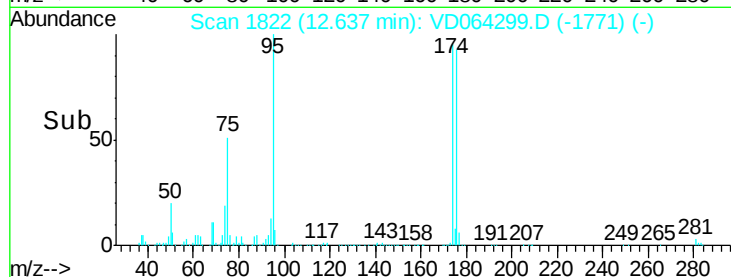
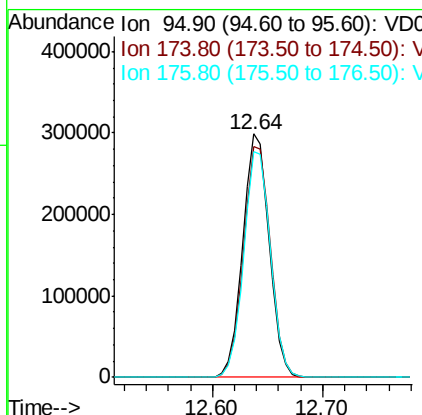
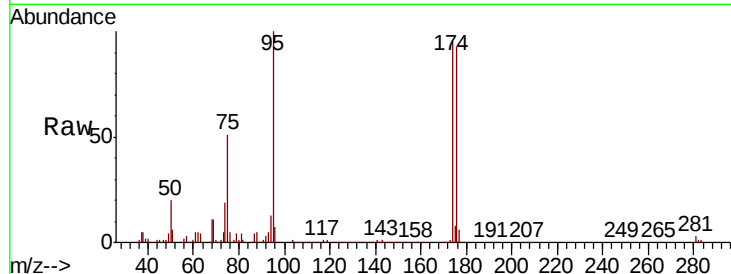




#62
4-Bromofluorobenzene
Concen: 49.950 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064299.D
Acq: 19 Nov 2019 19:44

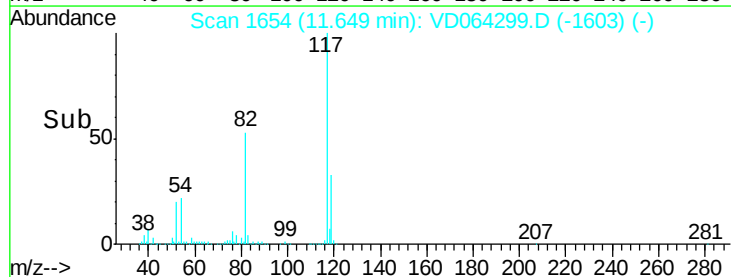
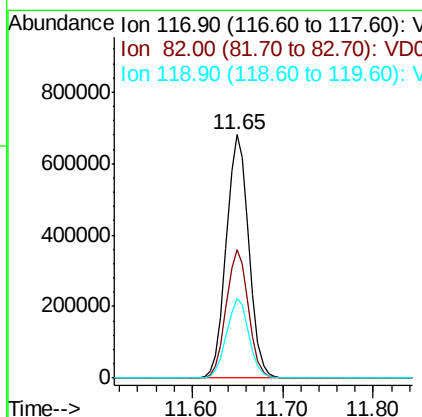
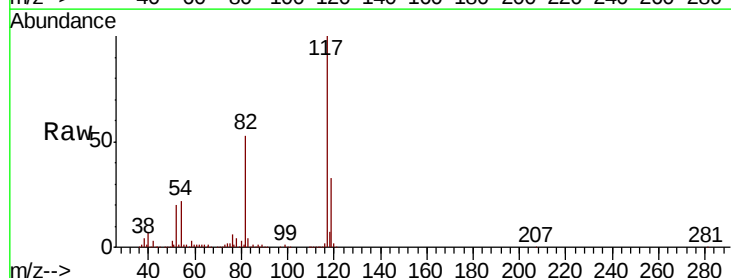
Instrument :
MSVOA_D
ClientSampleId :
B-7

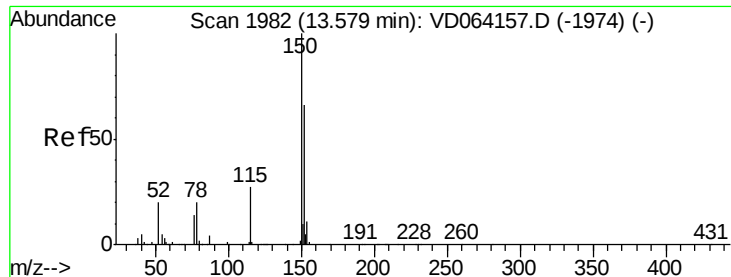
Tot Ion: 95 Resp: 502402
Ion Ratio Lower Upper
95 100
174 97.0 0.0 183.6
176 94.0 0.0 180.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064299.D
Acq: 19 Nov 2019 19:44

Tgt Ion: 117 Resp: 1171780
Ion Ratio Lower Upper
117 100
82 52.7 42.8 64.2
119 32.9 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD064299.D

Acq: 19 Nov 2019 19:44

Instrument :

MSVOA_D

ClientSampleId :

B-7

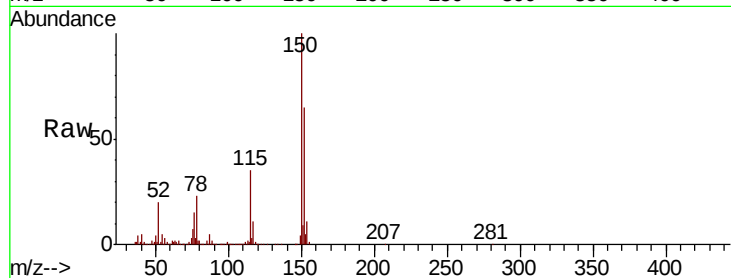
Tot Ion:152 Resp: 568030

Ion Ratio Lower Upper

152 100

115 53.7 27.4 82.2

150 155.8 0.0 351.6



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

