

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111919\
 Data File : VD064297.D
 Acq On : 19 Nov 2019 18:46
 Operator : VA/SY
 Sample : K5927-07
 Misc : 7.09G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-5B

Quant Time: Nov 20 05:46:40 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

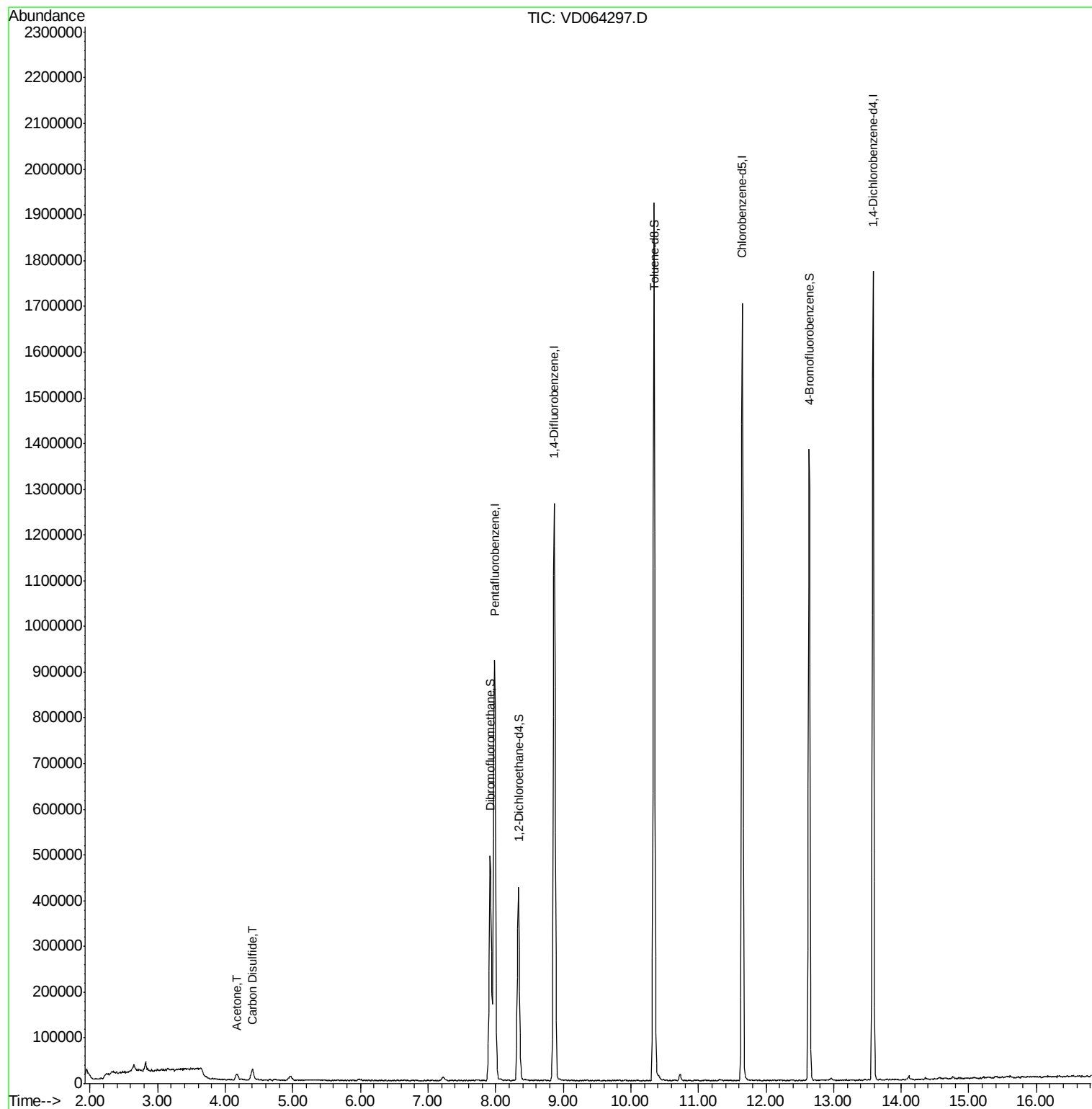
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	758811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1103919	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	979591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	487331	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	336959	53.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.98%	
35) Dibromofluoromethane	7.92	113	338964	53.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.98%	
50) Toluene-d8	10.34	98	1286613	53.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.64%	
62) 4-Bromofluorobenzene	12.64	95	421317	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.78%	
Target Compounds						
16) Acetone	4.18	43	23795	16.095	ug/l	89
17) Carbon Disulfide	4.40	76	47620	2.398	ug/l	97

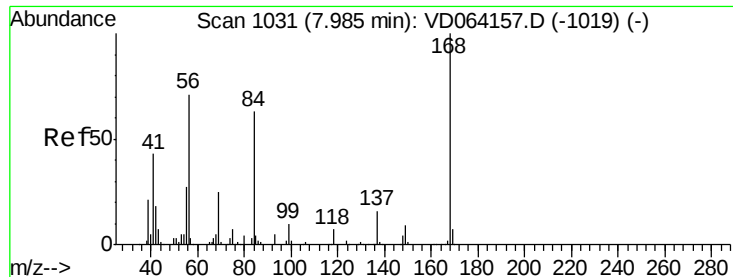
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064297.D

Acq: 19 Nov 2019 18:46

Instrument :

MSVOA_D

ClientSampleId :

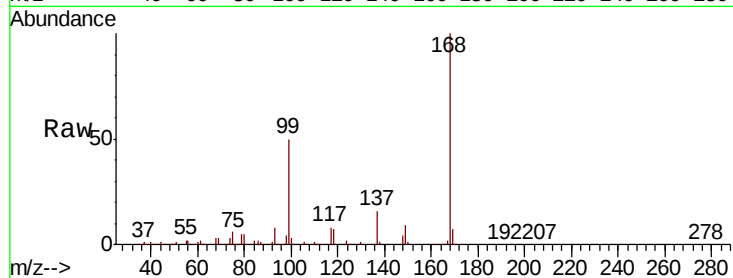
B-5B

Tot Ion:168 Resp: 758811

Ion Ratio Lower Upper

168 100

99 49.6 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

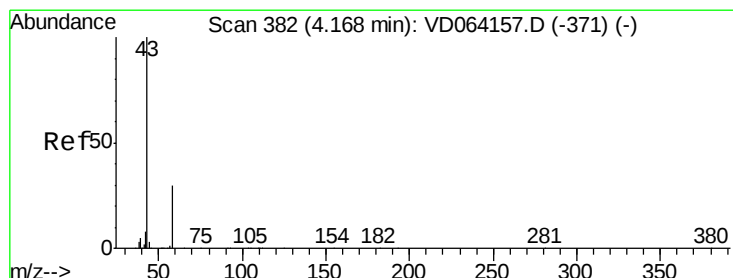
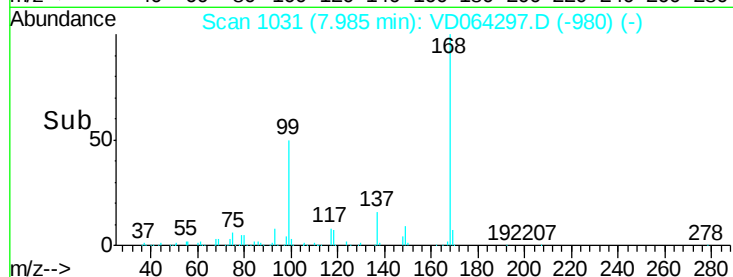
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 16.095 ug/l

RT: 4.18 min Scan# 384

Delta R.T. 0.01 min

Lab File: VD064297.D

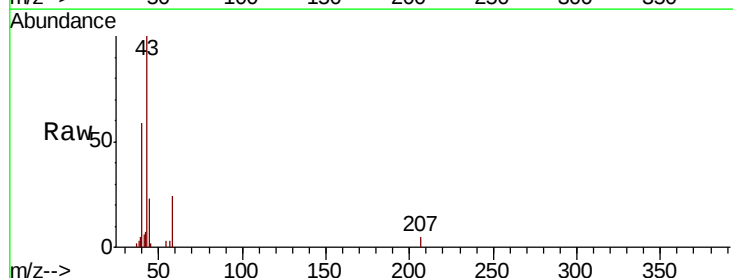
Acq: 19 Nov 2019 18:46

Tgt Ion: 43 Resp: 23795

Ion Ratio Lower Upper

43 100

58 24.1 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.18

8000

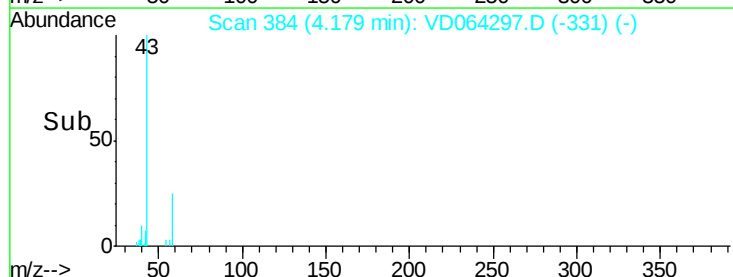
6000

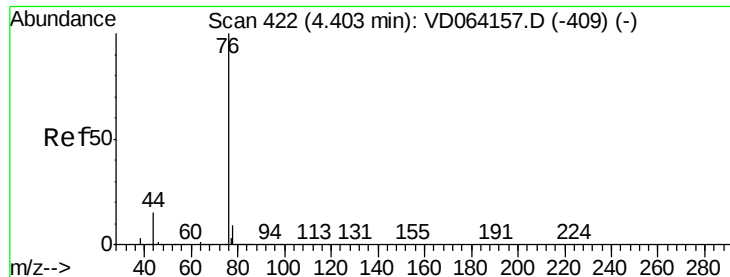
4000

2000

0

Time-->

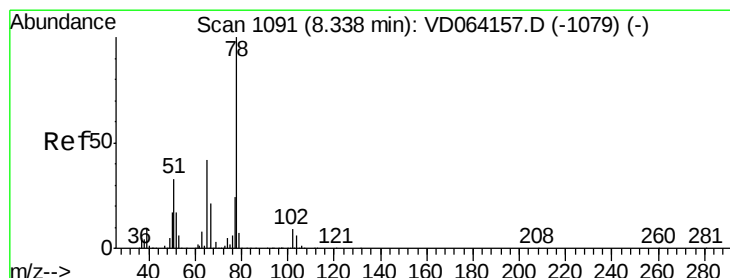
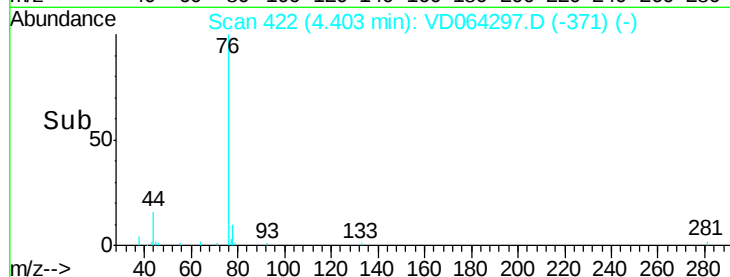
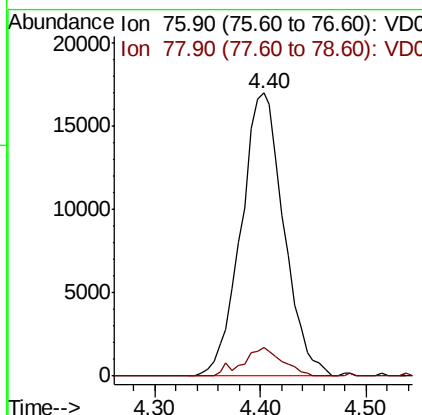
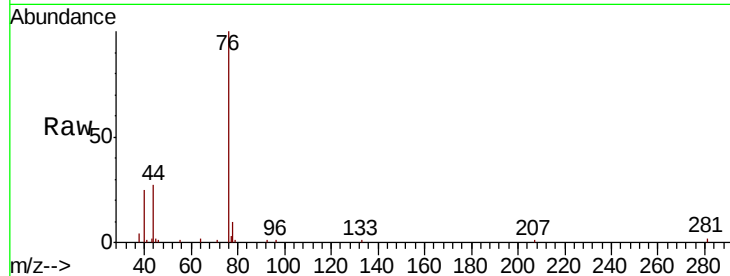




#17
Carbon Disulfide
Concen: 2.398 ug/l
RT: 4.40 min Scan# 422
Delta R.T. 0.00 min
Lab File: VD064297.D
Acq: 19 Nov 2019 18:46

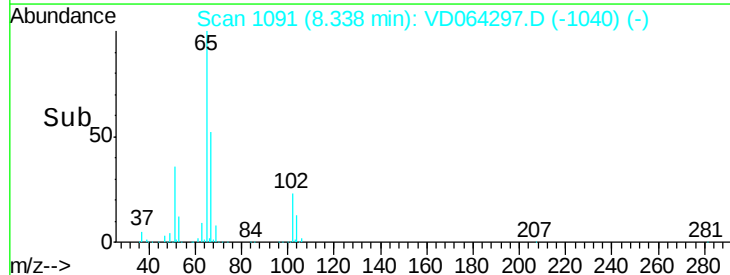
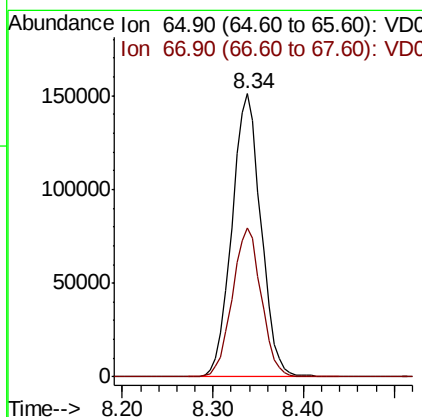
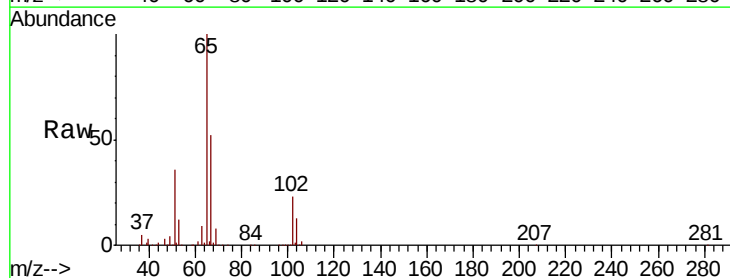
Instrument :
MSVOA_D
ClientSampleId :
B-5B

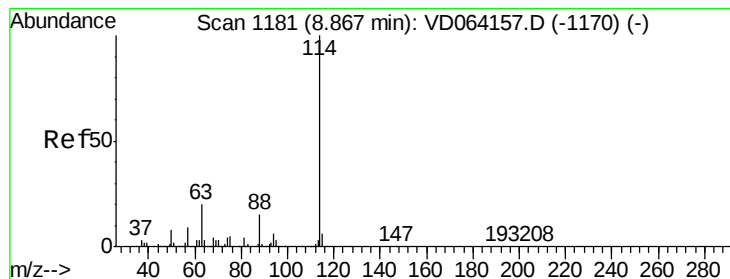
Tot Ion: 76 Resp: 47620
Ion Ratio Lower Upper
76 100
78 10.2 7.2 10.8



#33
1,2-Dichloroethane-d4
Concen: 53.993 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD064297.D
Acq: 19 Nov 2019 18:46

Tgt Ion: 65 Resp: 336959
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064297.D

Acq: 19 Nov 2019 18:46

Instrument :

MSVOA_D

ClientSampleId :

B-5B

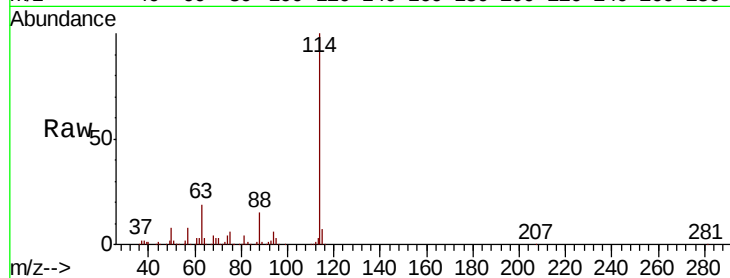
Tot Ion:114 Resp: 1103919

Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.0

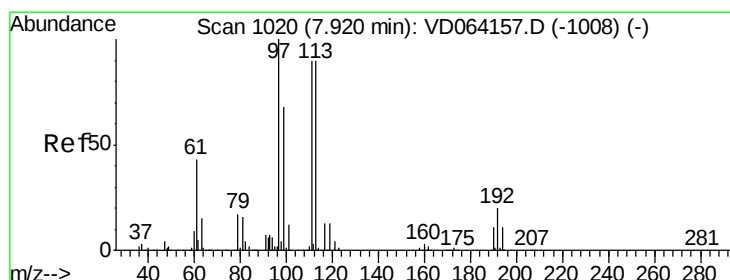
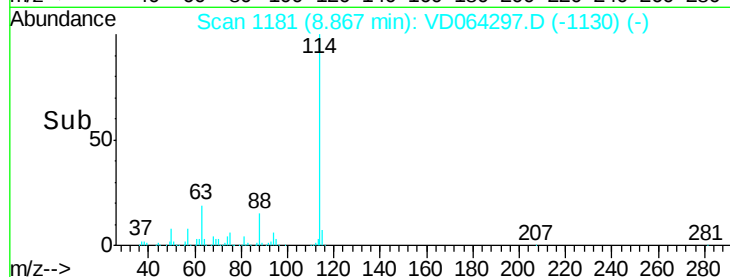
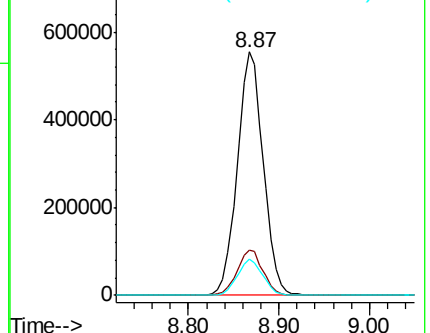
88 14.9 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 53.492 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064297.D

Acq: 19 Nov 2019 18:46

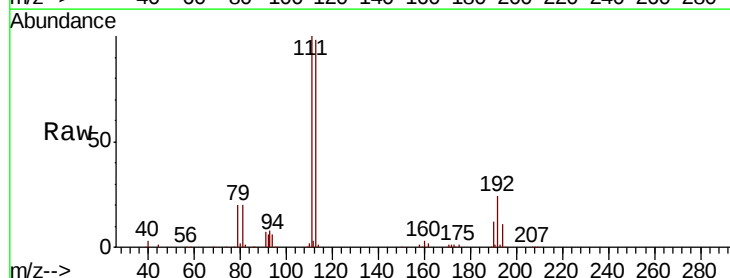
Tgt Ion:113 Resp: 338964

Ion Ratio Lower Upper

113 100

111 102.0 81.5 122.3

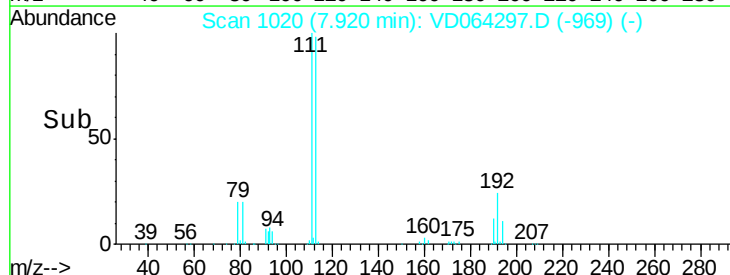
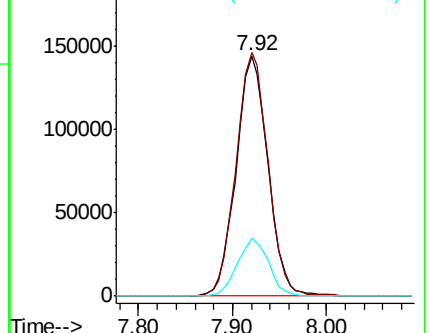
192 23.7 18.8 28.2

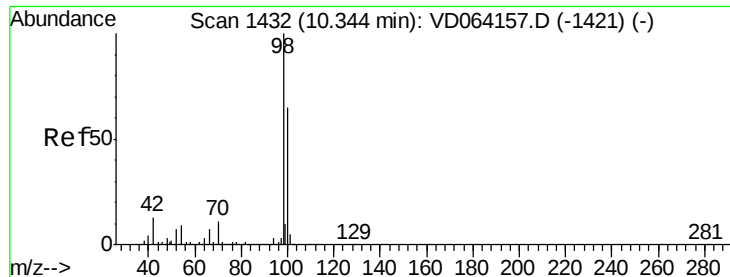


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

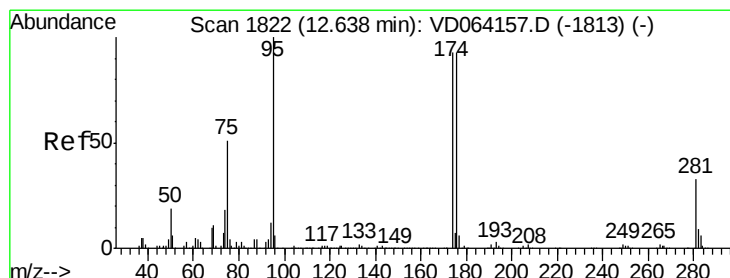
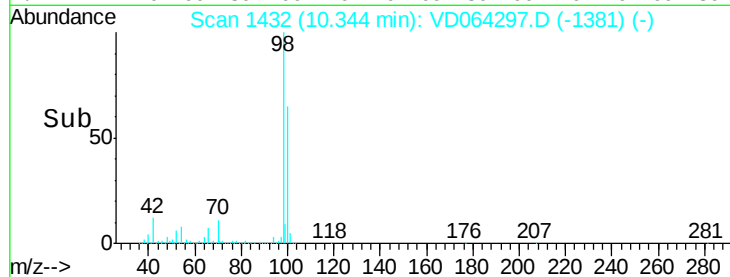
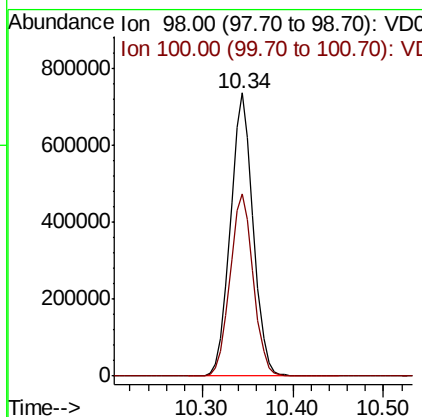
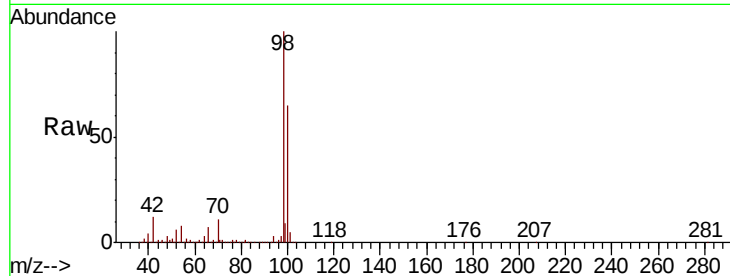




#50
Toluene-d8
Concen: 53.823 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064297.D
Acq: 19 Nov 2019 18:46

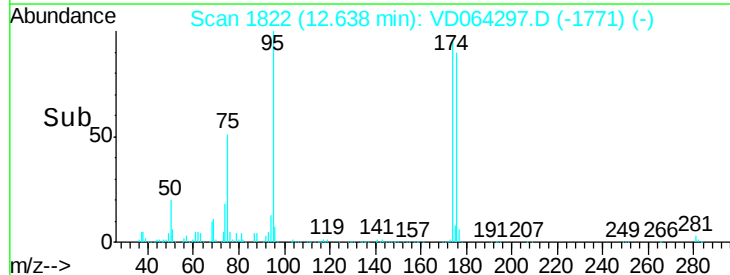
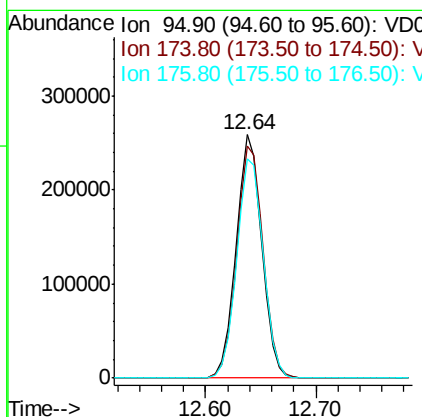
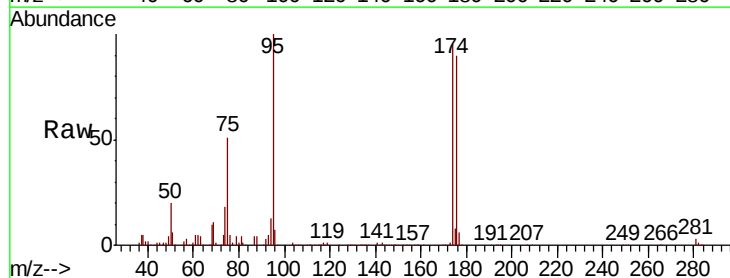
Instrument :
MSVOA_D
ClientSampleId :
B-5B

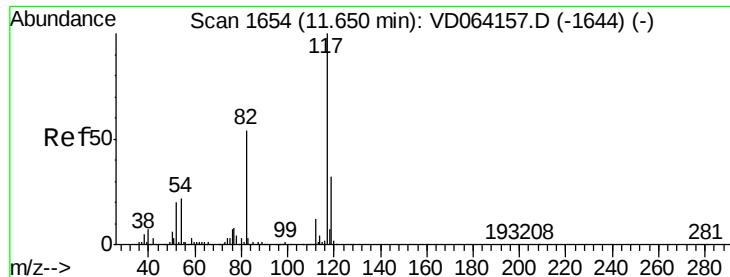
Tot Ion: 98 Resp: 1286613
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.894 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064297.D
Acq: 19 Nov 2019 18:46

Tgt Ion: 95 Resp: 421317
Ion Ratio Lower Upper
95 100
174 98.1 0.0 183.6
176 93.7 0.0 180.2

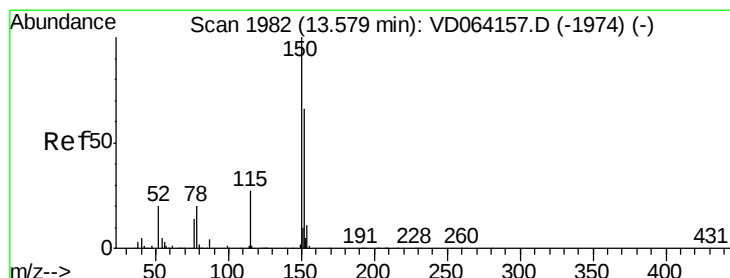
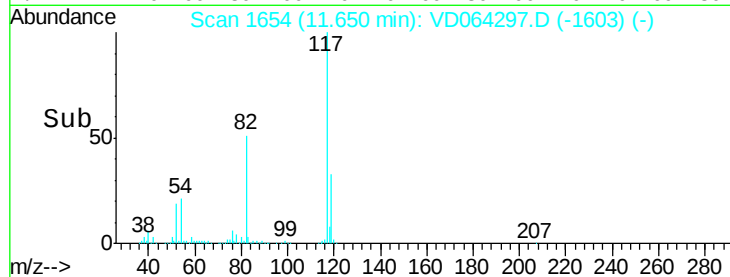
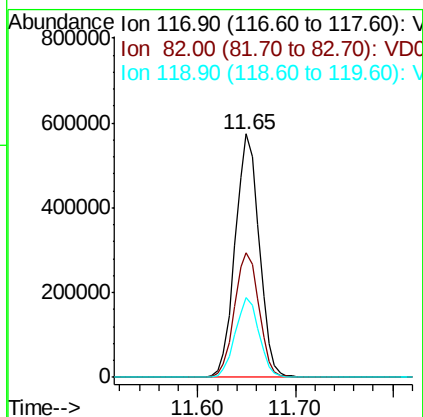
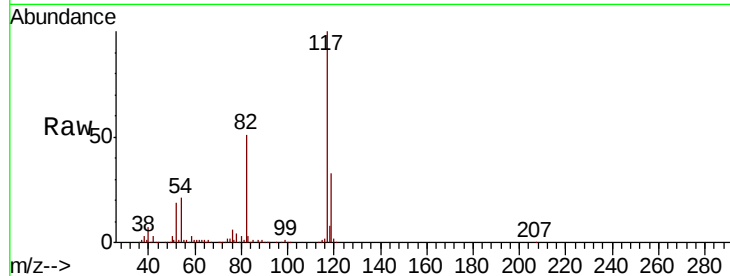




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064297.D
Acq: 19 Nov 2019 18:46

Instrument :
MSVOA_D
ClientSampleId :
B-5B

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.0	42.8	64.2
119	32.7	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: VD064297.D
Acq: 19 Nov 2019 18:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.5	27.4	82.2
150	154.3	0.0	351.6

