

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120619\
 Data File : VD064453.D
 Acq On : 06 Dec 2019 12:35
 Operator : VA/SY
 Sample : K6176-03
 Misc : 2.98G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 42-SPRUCE

Quant Time: Dec 06 22:57:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	773137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1125946	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	1052180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	520428	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	325299	46.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.96%	
35) Dibromofluoromethane	7.92	113	340022	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
50) Toluene-d8	10.34	98	1336557	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
62) 4-Bromofluorobenzene	12.64	95	459265	53.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.96%	

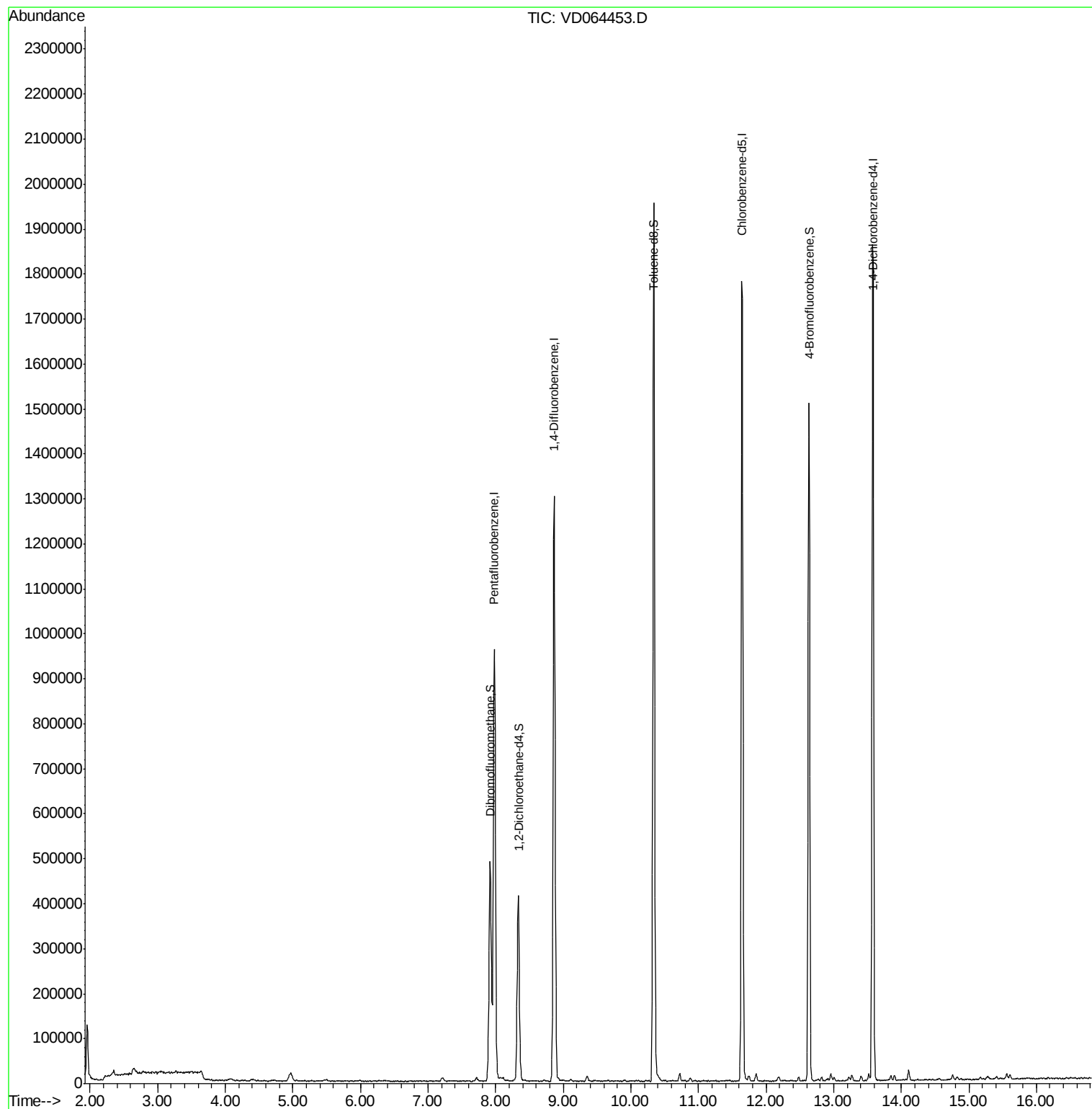
Target Compounds	Qvalue

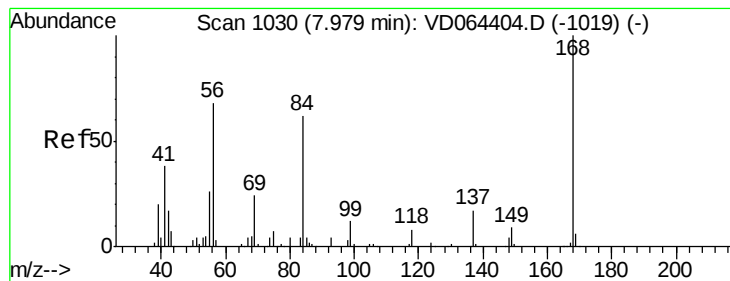
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120619\
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Quant Title : SW846 8260
QLast Update : Fri Nov 29 07:18:03 2019
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: VD064453.D

Acq: 06 Dec 2019 12:35

Instrument :

MSVOA_D

ClientSampleId :

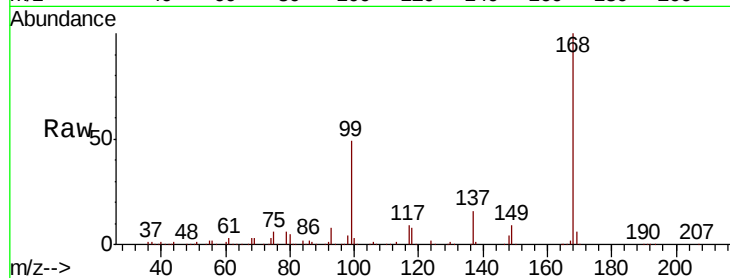
42-SPRUCE

Tot Ion:168 Resp: 773137

Ion Ratio Lower Upper

168 100

99 49.3 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

400000

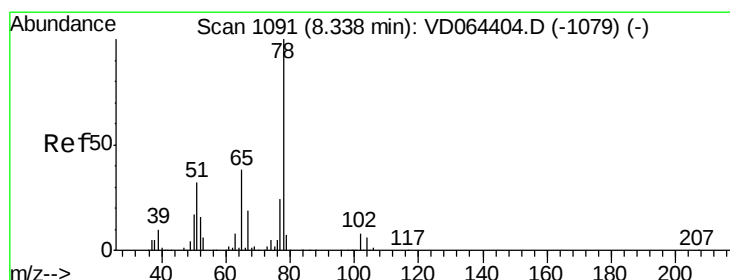
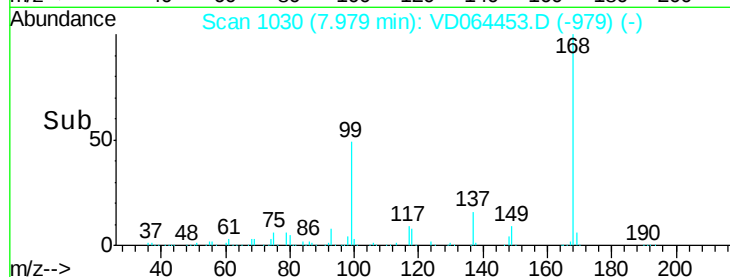
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.484 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064453.D

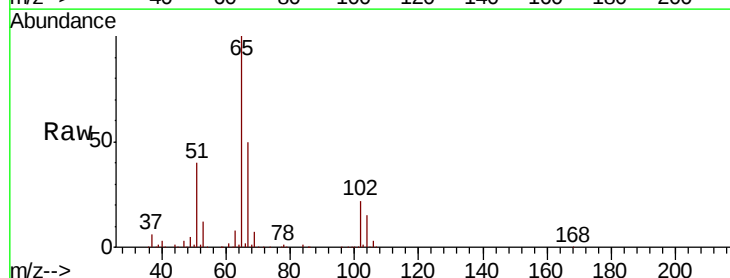
Acq: 06 Dec 2019 12:35

Tgt Ion: 65 Resp: 325299

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

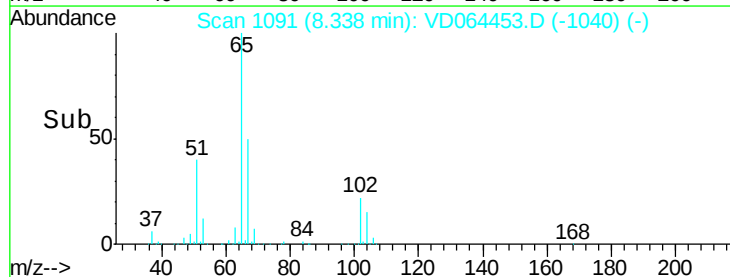
150000

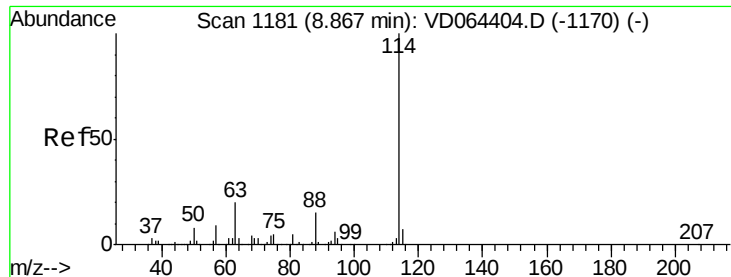
100000

50000

0

Time-->

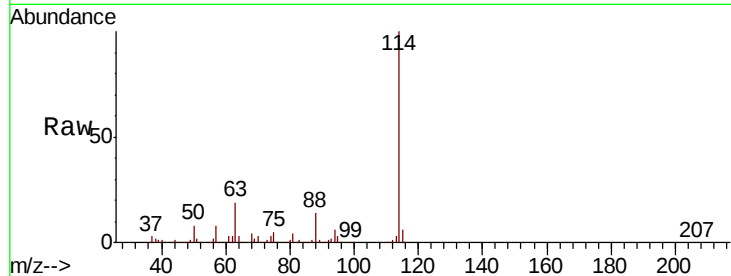




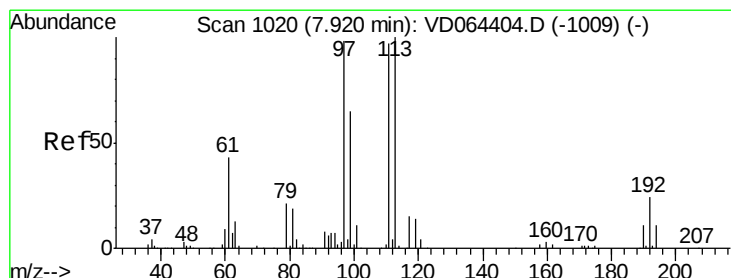
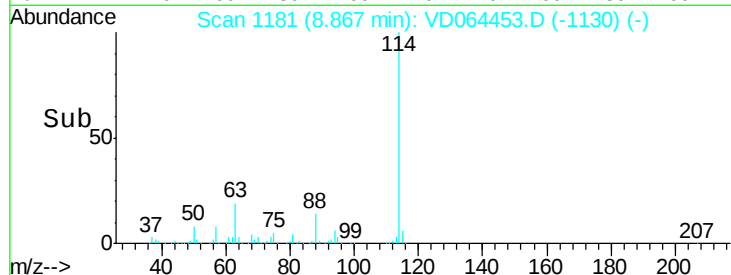
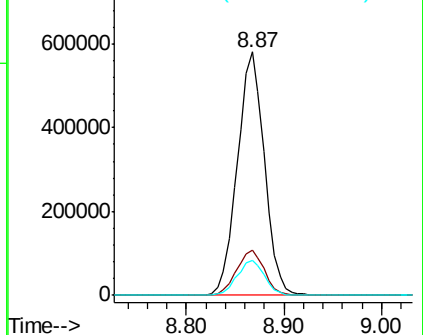
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064453.D
 Acq: 06 Dec 2019 12:35

Instrument :
 MSVOA_D
 ClientSampleId :
 42-SPRUCE

Tot Ion:114 Resp: 1125946
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 40.0
 88 14.3 0.0 29.2

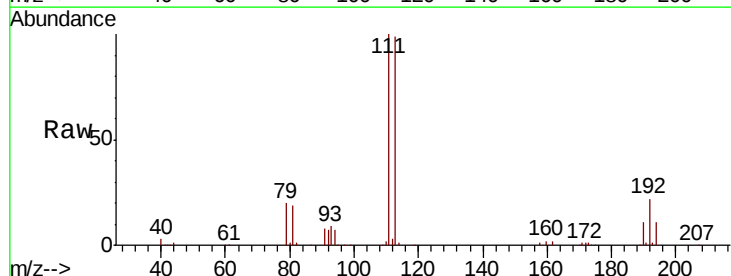


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

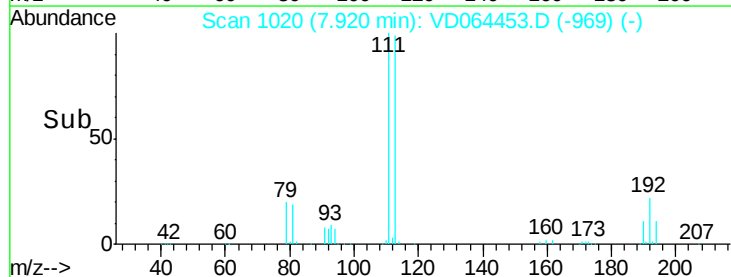
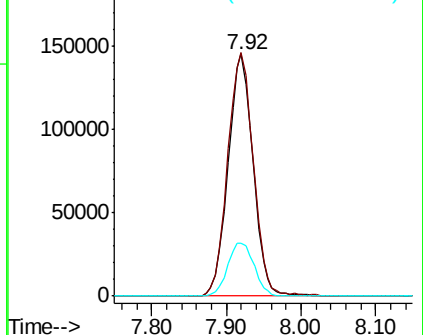


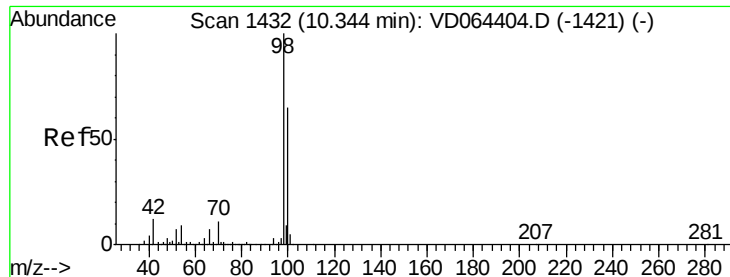
#35
 Dibromofluoromethane
 Concen: 47.931 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064453.D
 Acq: 06 Dec 2019 12:35

Tgt Ion:113 Resp: 340022
 Ion Ratio Lower Upper
 113 100
 111 102.9 79.4 119.2
 192 23.3 18.6 28.0



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: 50.016 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD064453.D

Acq: 06 Dec 2019 12:35

Instrument :

MSVOA_D

ClientSampleId :

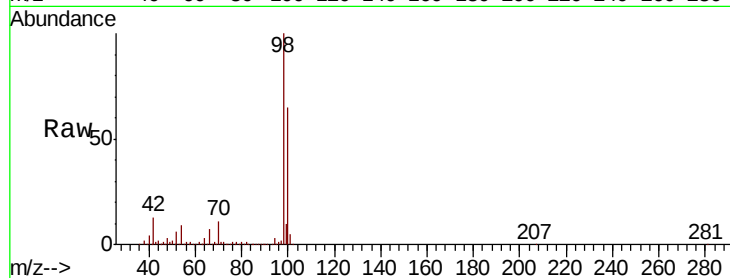
42-SPRUCE

Tot Ion: 98 Resp: 1336557

Ion Ratio Lower Upper

98 100

100 64.9 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

800000

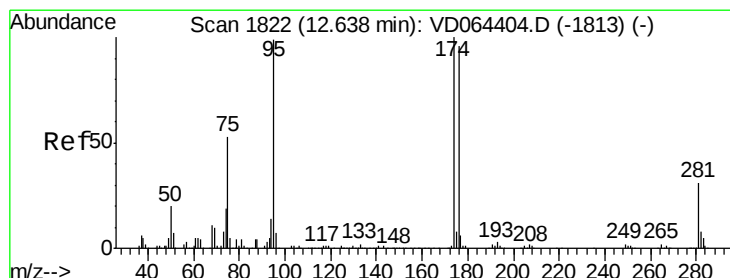
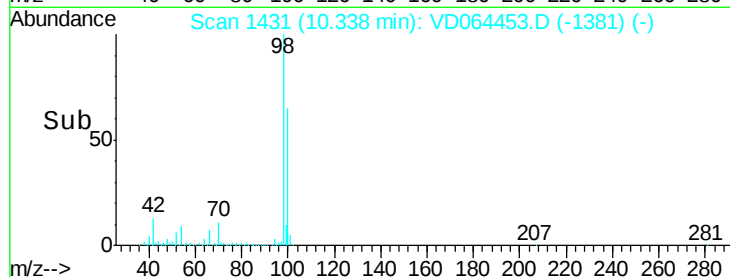
600000

400000

200000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 53.479 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064453.D

Acq: 06 Dec 2019 12:35

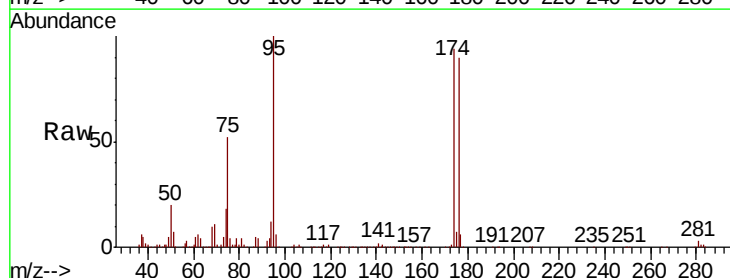
Tgt Ion: 95 Resp: 459265

Ion Ratio Lower Upper

95 100

174 94.4 0.0 197.2

176 91.9 0.0 189.6



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

12.64

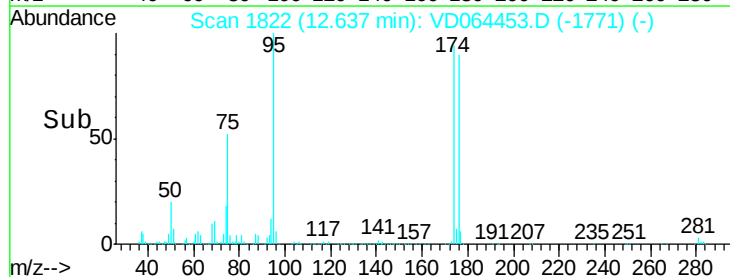
300000

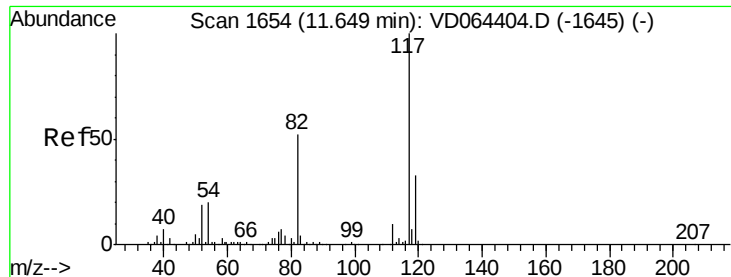
200000

100000

0

Time--> 12.60 12.70

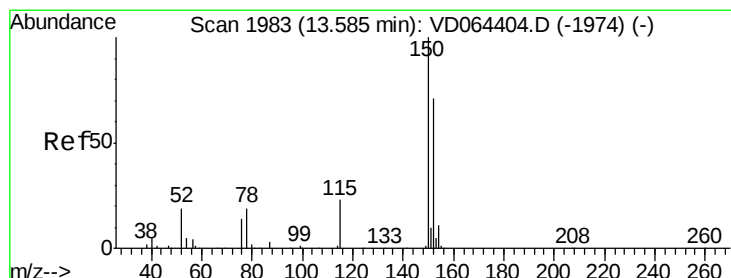
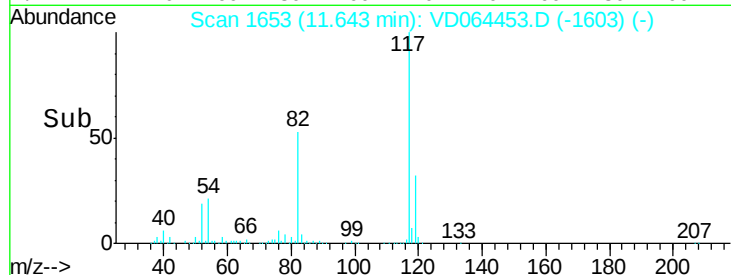
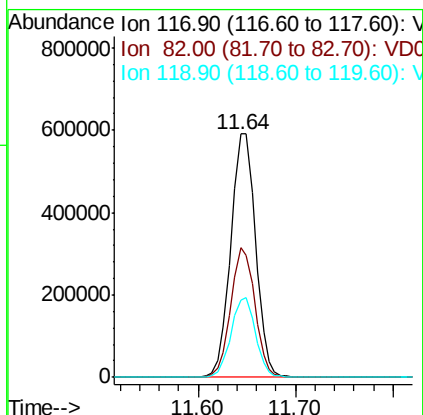
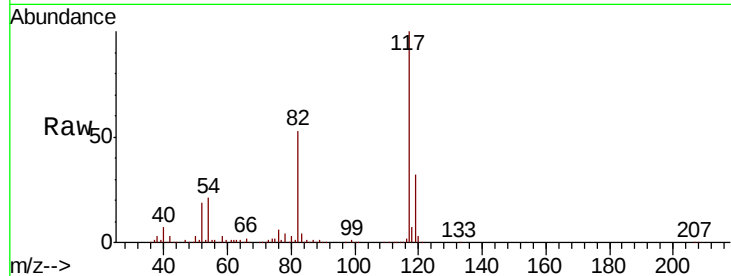




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VD064453.D
Acq: 06 Dec 2019 12:35

Instrument :
MSVOA_D
ClientSampleId :
42-SPRUCE

Tot Ion:117 Resp: 1052180
Ion Ratio Lower Upper
117 100
82 53.4 41.4 62.2
119 31.7 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD064453.D
Acq: 06 Dec 2019 12:35

Tgt Ion:152 Resp: 520428
Ion Ratio Lower Upper
152 100
115 54.0 26.7 80.1
150 156.1 0.0 347.2

