

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120619\
 Data File : VD064454.D
 Acq On : 06 Dec 2019 13:04
 Operator : VA/SY
 Sample : K6176-04
 Misc : 6.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 48-SPRUCE

Quant Time: Dec 06 22:59:35 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	7.99	168	331540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	492292	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	487172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	251354	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	183885	61.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.56%	
35) Dibromofluoromethane	7.92	113	160117	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
50) Toluene-d8	10.34	98	584340	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
62) 4-Bromofluorobenzene	12.64	95	214085	57.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.04%	

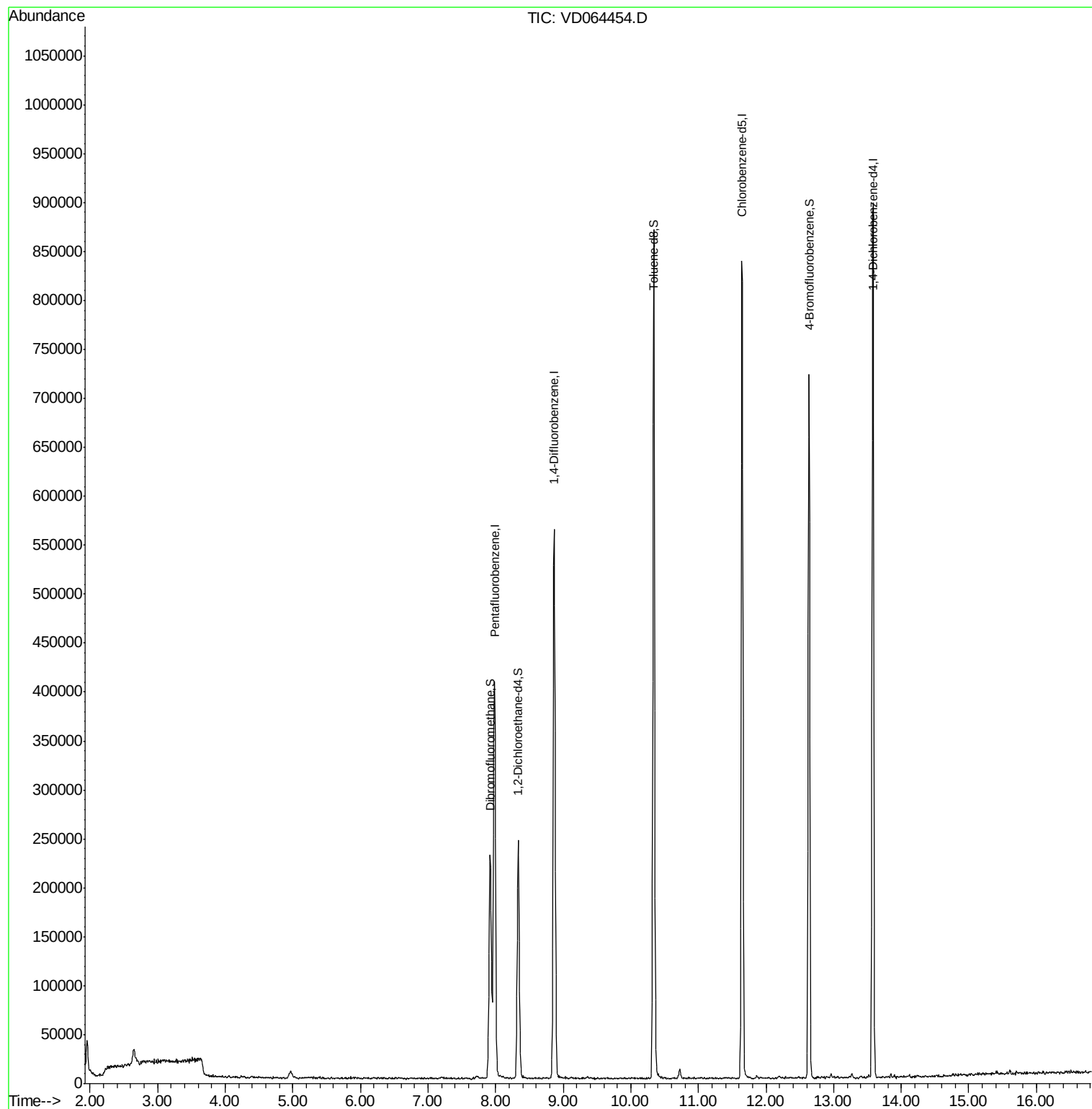
Target Compounds	Qvalue

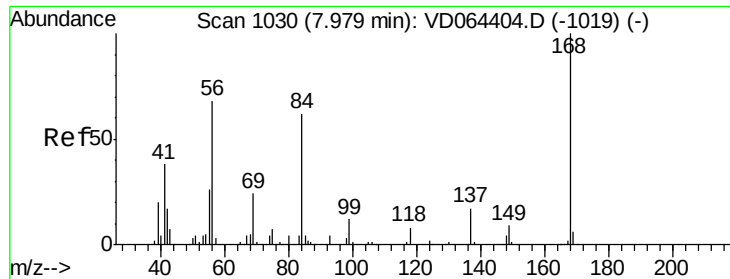
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD064454.D

Acq: 06 Dec 2019 13:04

Instrument :

MSVOA_D

ClientSampleId :

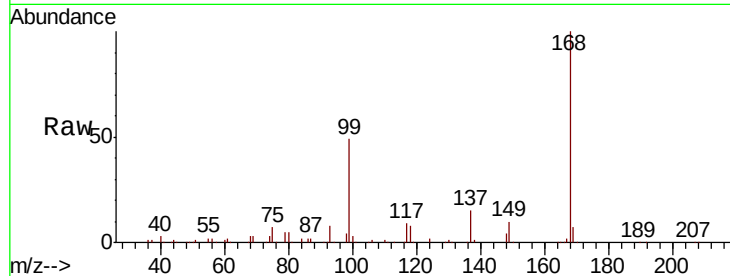
48-SPRUCE

Tot Ion:168 Resp: 331540

Ion Ratio Lower Upper

168 100

99 48.6 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

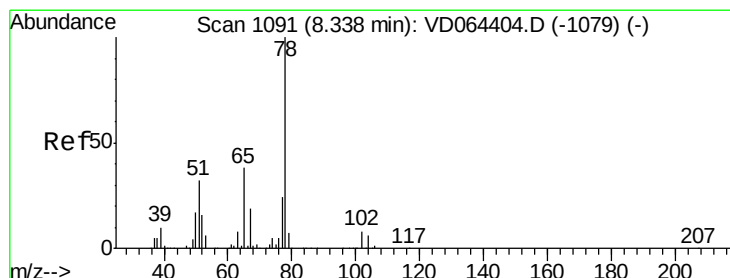
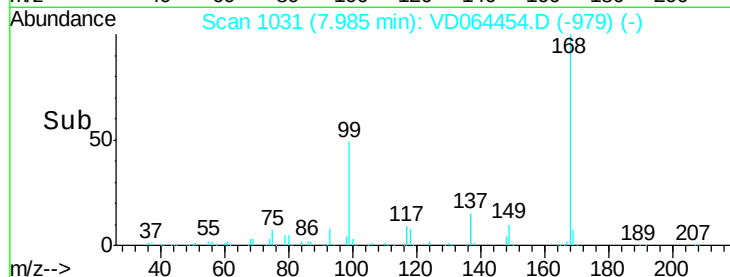
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 61.276 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064454.D

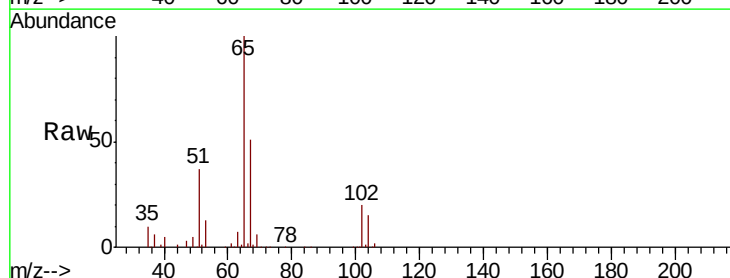
Acq: 06 Dec 2019 13:04

Tgt Ion: 65 Resp: 183885

Ion Ratio Lower Upper

65 100

67 51.4 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

100000

80000

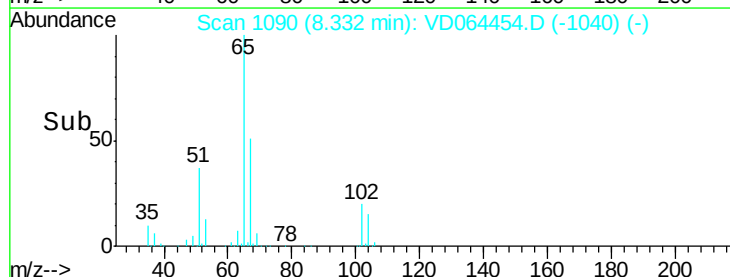
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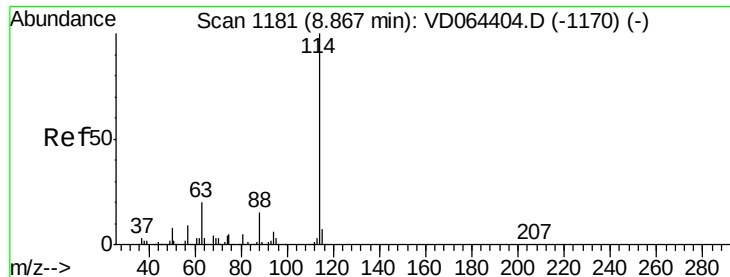
40000

20000

0

Time-->

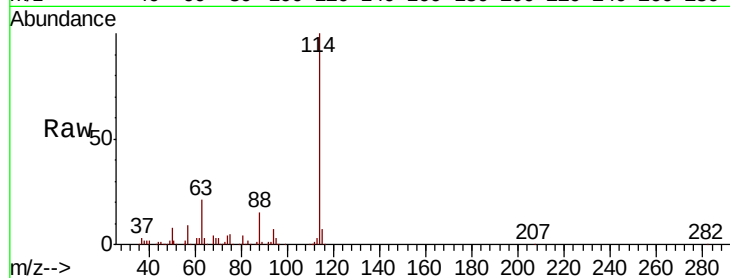




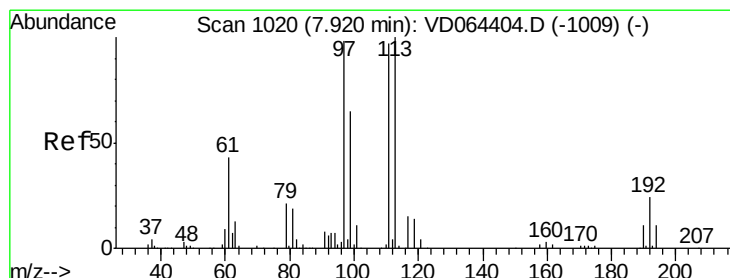
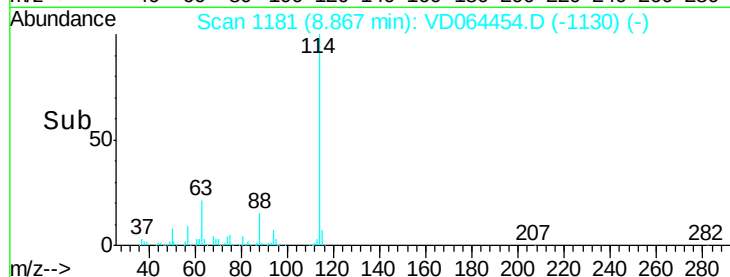
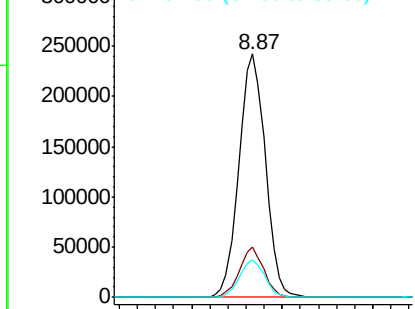
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064454.D
 Acq: 06 Dec 2019 13:04

Instrument :
 MSVOA_D
 ClientSampleId :
 48-SPRUCE

Tot Ion:114 Resp: 492292
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.0
 88 15.5 0.0 29.2

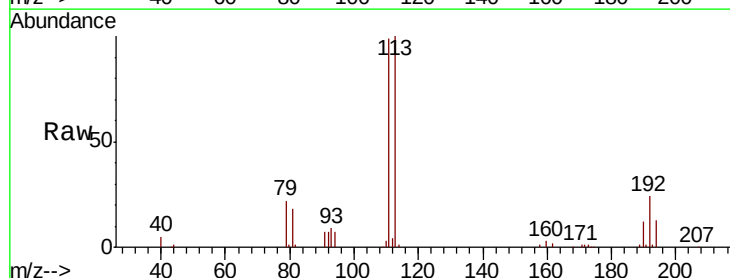


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

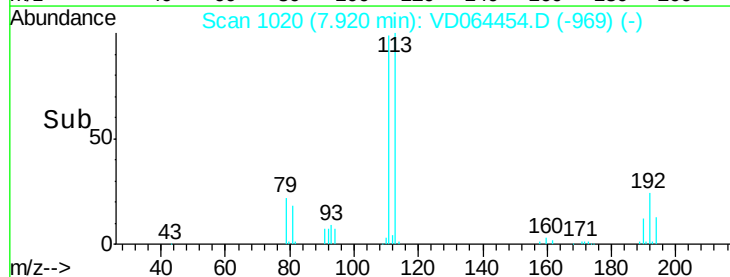
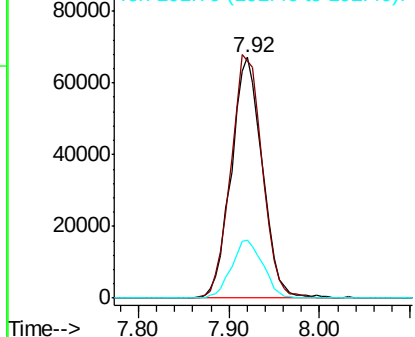


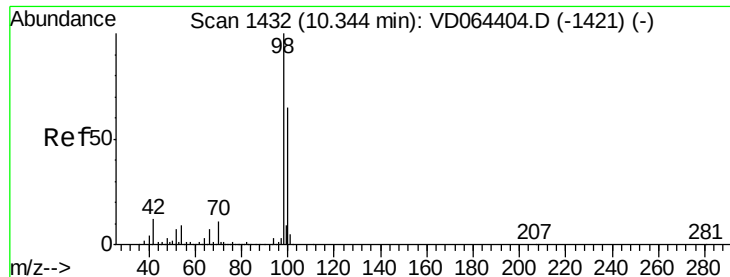
#35
 Dibromofluoromethane
 Concen: 51.623 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064454.D
 Acq: 06 Dec 2019 13:04

Tgt Ion:113 Resp: 160117
 Ion Ratio Lower Upper
 113 100
 111 102.4 79.4 119.2
 192 24.3 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: 50.013 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD064454.D

Acq: 06 Dec 2019 13:04

Instrument :

MSVOA_D

ClientSampleId :

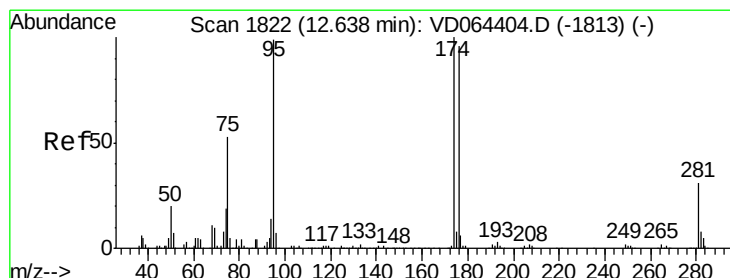
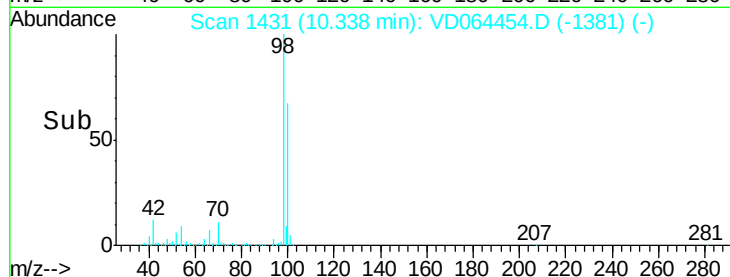
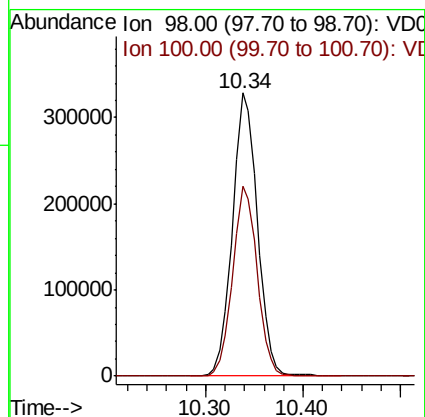
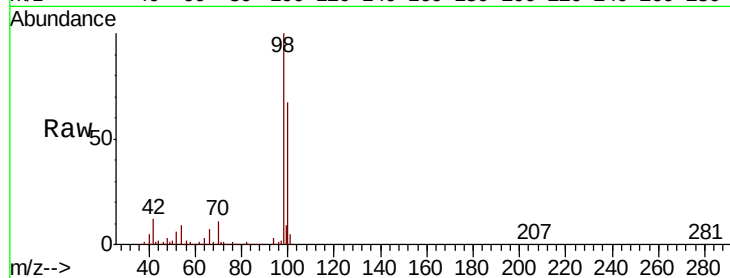
48-SPRUCE

Tot Ion: 98 Resp: 584340

Ion Ratio Lower Upper

98 100

100 65.9 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 57.016 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064454.D

Acq: 06 Dec 2019 13:04

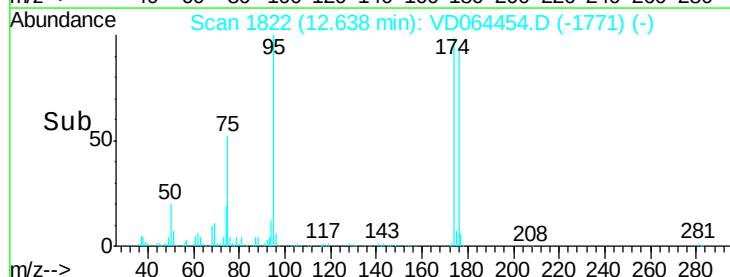
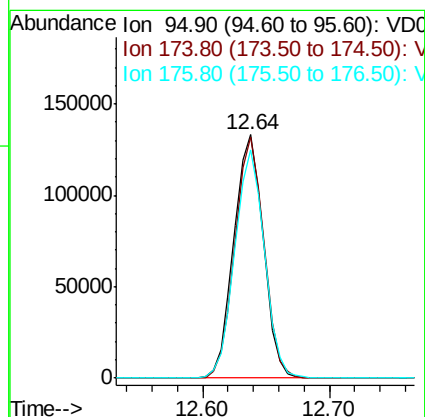
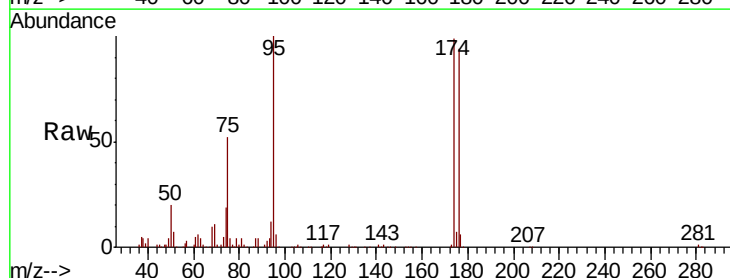
Tgt Ion: 95 Resp: 214085

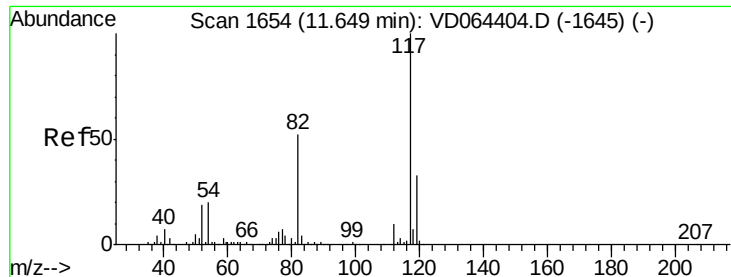
Ion Ratio Lower Upper

95 100

174 97.7 0.0 197.2

176 93.8 0.0 189.6

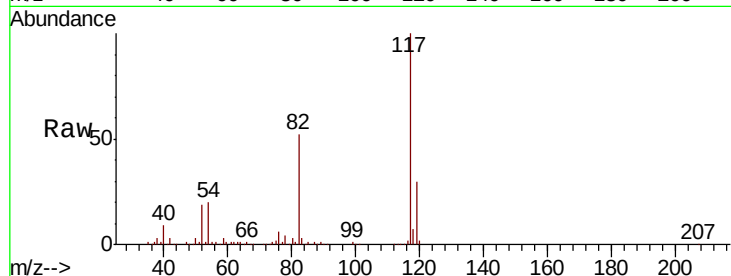




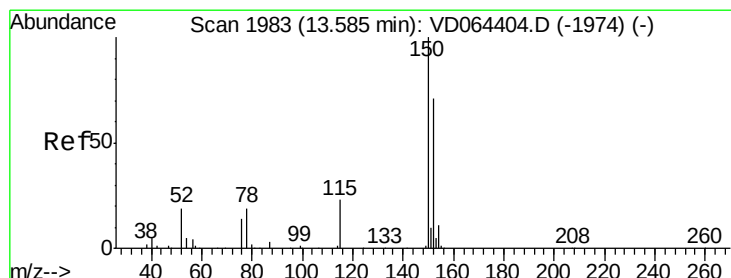
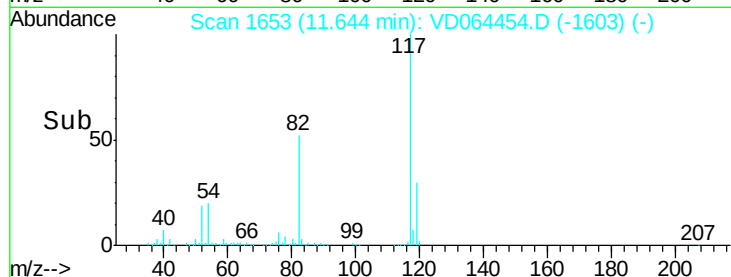
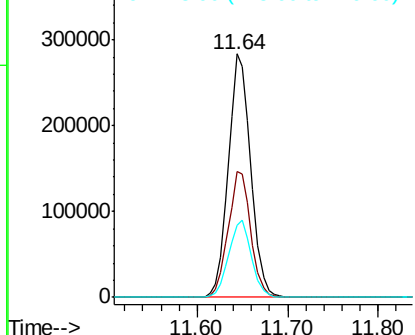
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VD064454.D
Acq: 06 Dec 2019 13:04

Instrument :
MSVOA_D
ClientSampleId :
48-SPRUCE

Tot Ion:117 Resp: 487172
Ion Ratio Lower Upper
117 100
82 51.6 41.4 62.2
119 29.5 26.2 39.2

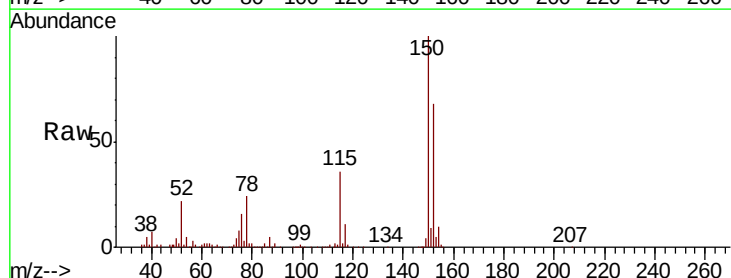


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD064454.D
Acq: 06 Dec 2019 13:04

Tgt Ion:152 Resp: 251354
Ion Ratio Lower Upper
152 100
115 54.1 26.7 80.1
150 156.1 0.0 347.2



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

