

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121719\
 Data File : VD064549.D
 Acq On : 17 Dec 2019 17:05
 Operator : VA/SY
 Sample : K6357-06
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PF-A

Quant Time: Dec 18 03:22:49 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

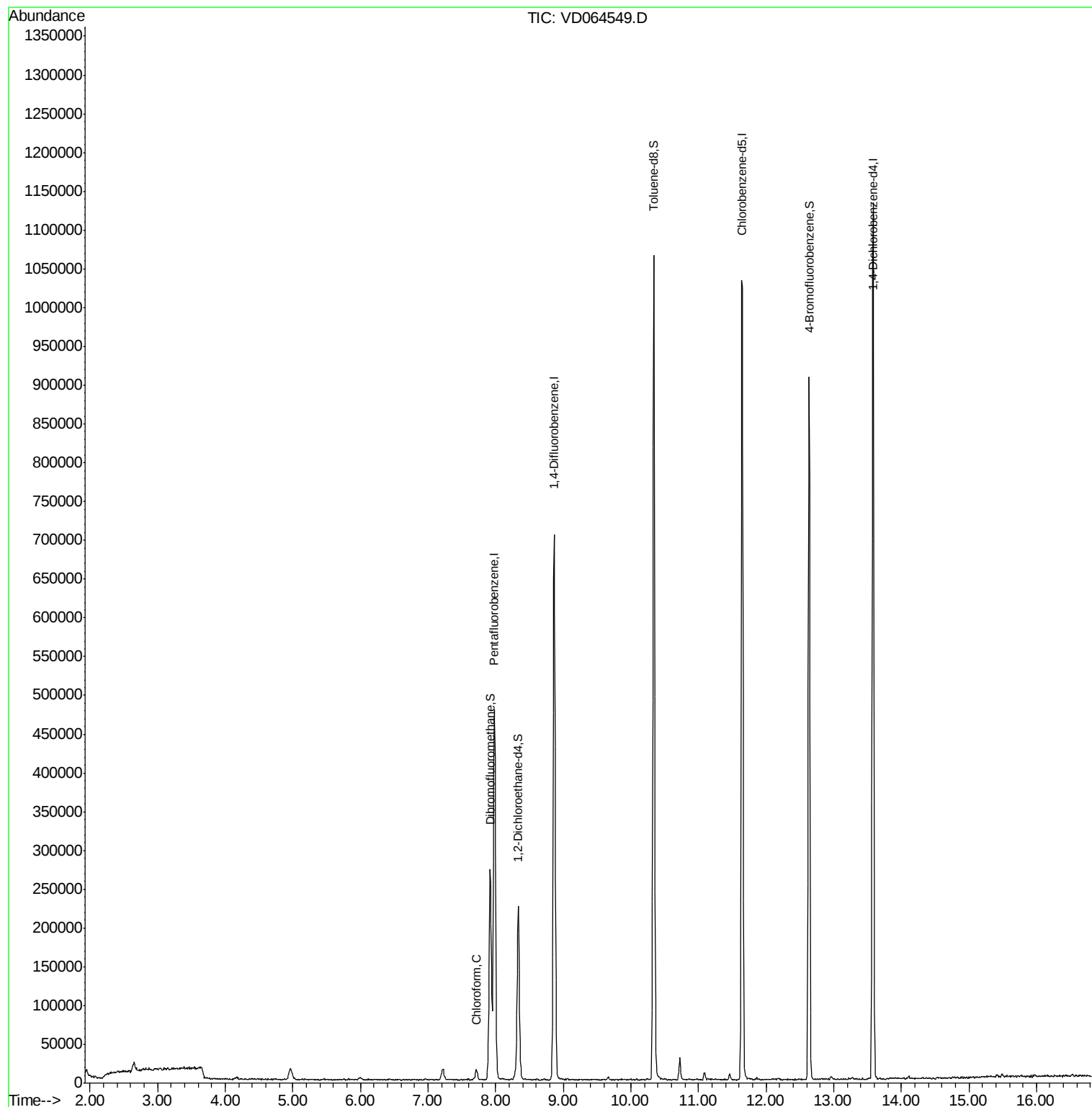
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	382399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	599938	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	601096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	310639	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	176818	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
35) Dibromofluoromethane	7.92	113	187073	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
50) Toluene-d8	10.34	98	723804	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
62) 4-Bromofluorobenzene	12.64	95	267543	58.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.94%	
Target Compounds						
30) Chloroform	7.71	83	11987	1.812	ug/l	Qvalue 91

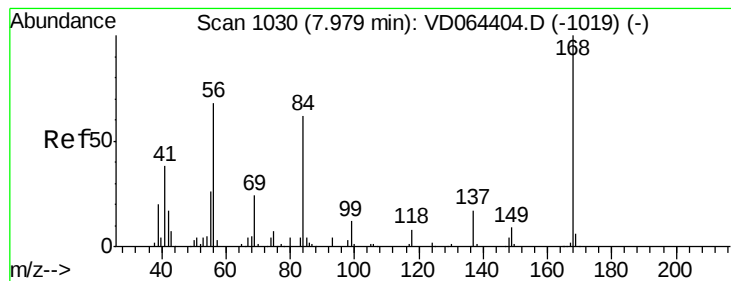
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064549.D

Acq: 17 Dec 2019 17:05

Instrument :

MSVOA_D

ClientSampleId :

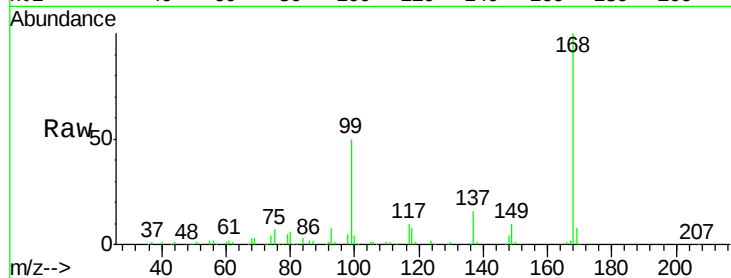
PF-A

Tot Ion:168 Resp: 382399

Ion Ratio Lower Upper

168 100

99 50.0 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

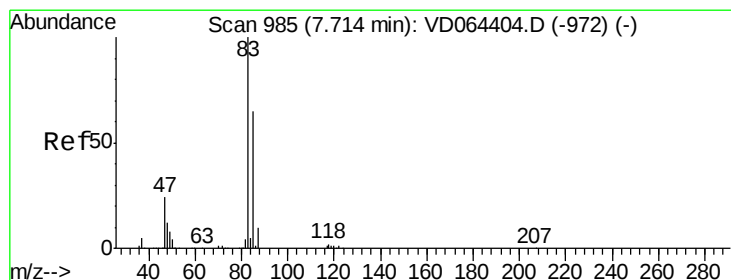
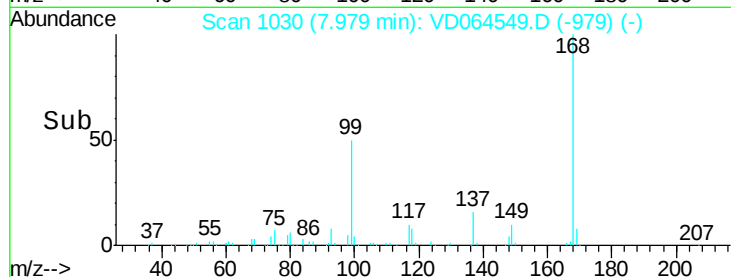
150000

100000

50000

0

Time-->



#30

Chloroform

Concen: 1.812 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.01 min

Lab File: VD064549.D

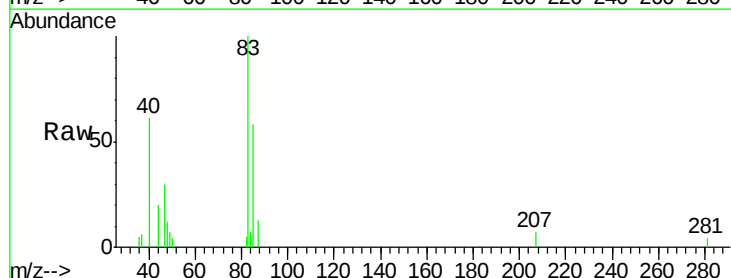
Acq: 17 Dec 2019 17:05

Tgt Ion: 83 Resp: 11987

Ion Ratio Lower Upper

83 100

85 57.9 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

7.71

5000

4000

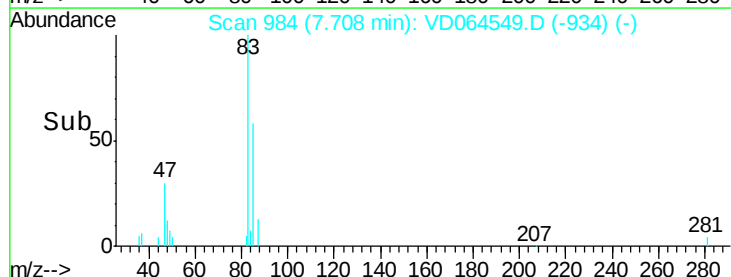
3000

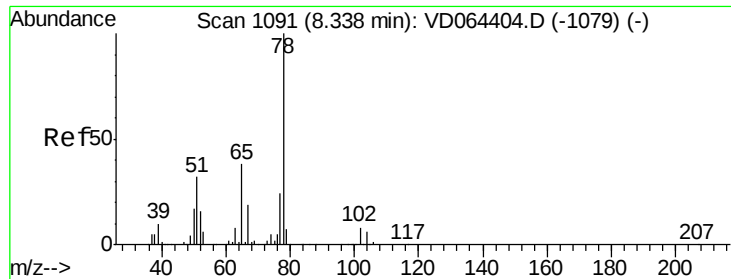
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1000

0

Time-->

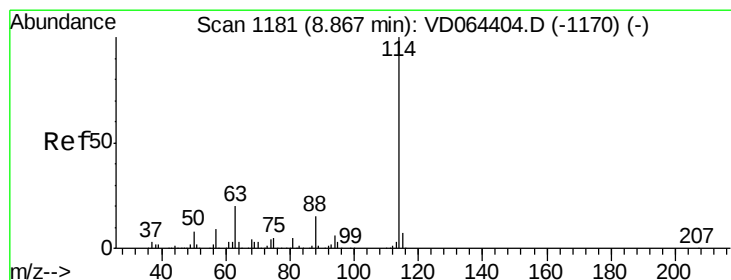
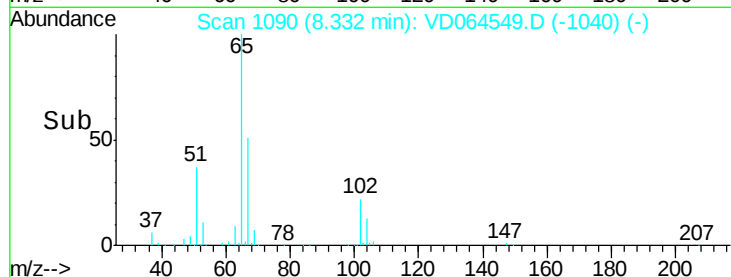
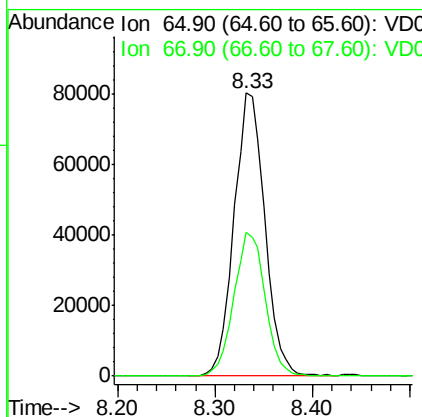
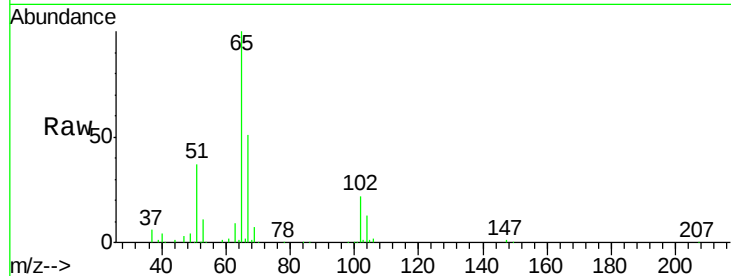




#33
 1,2-Dichloroethane-d4
 Concen: 51.085 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD064549.D
 Acq: 17 Dec 2019 17:05

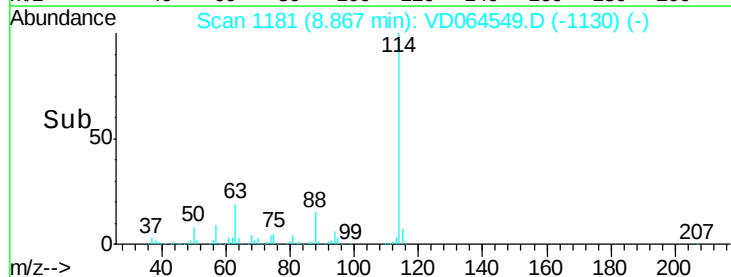
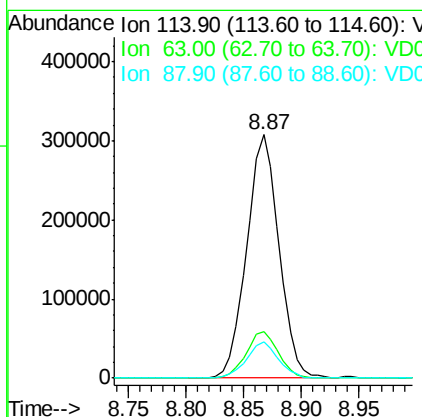
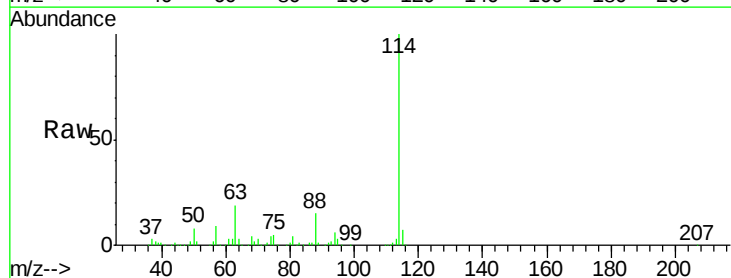
Instrument :
 MSVOA_D
 ClientSampleId :
 PF-A

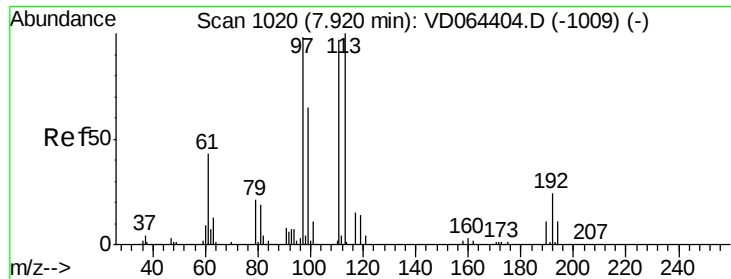
Tot Ion: 65 Resp: 176818
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064549.D
 Acq: 17 Dec 2019 17:05

Tgt Ion: 114 Resp: 599938
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 40.0
 88 14.8 0.0 29.2

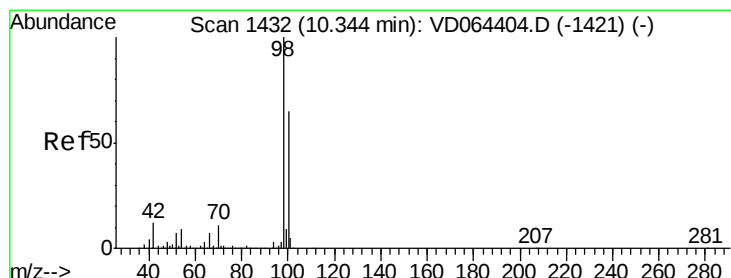
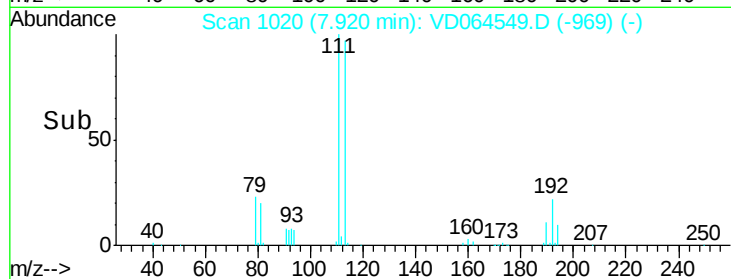
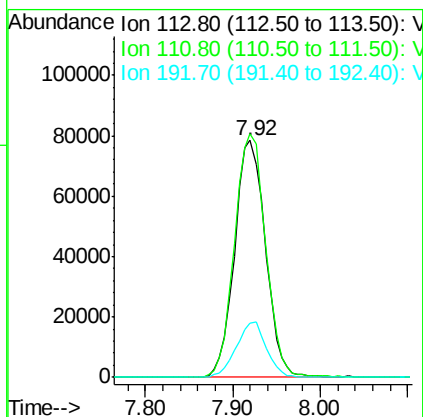
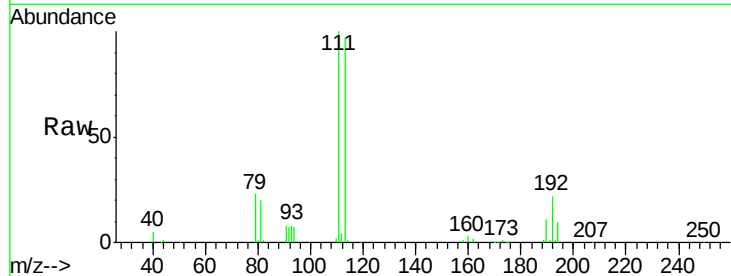




#35
 Dibromofluoromethane
 Concen: 49.491 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064549.D
 Acq: 17 Dec 2019 17:05

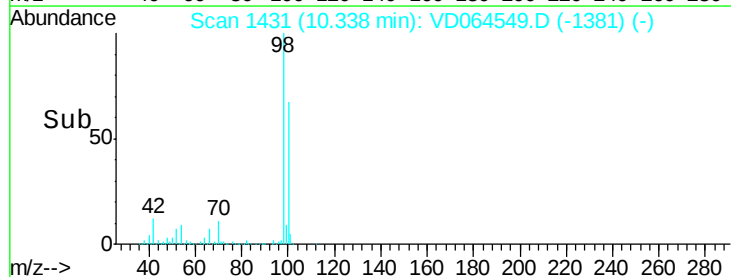
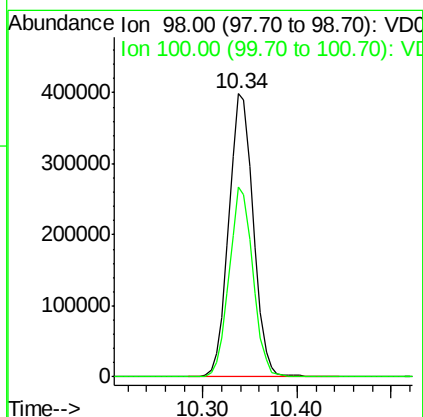
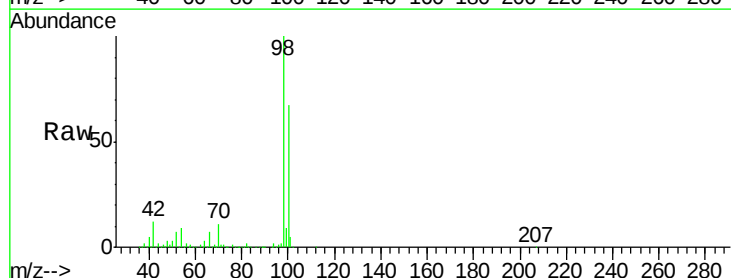
Instrument :
 MSVOA_D
 ClientSampleId :
 PF-A

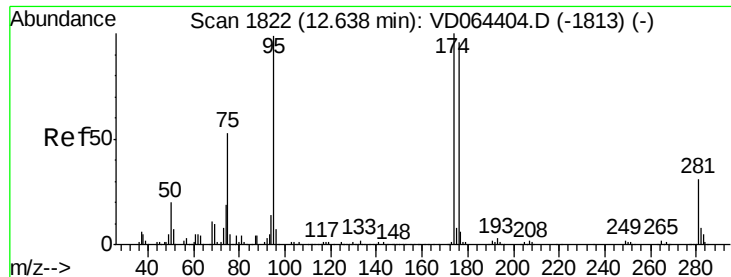
Tot Ion:113 Resp: 187073
 Ion Ratio Lower Upper
 113 100
 111 104.1 79.4 119.2
 192 22.6 18.6 28.0



#50
 Toluene-d8
 Concen: 50.834 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: VD064549.D
 Acq: 17 Dec 2019 17:05

Tgt Ion: 98 Resp: 723804
 Ion Ratio Lower Upper
 98 100
 100 65.0 52.6 79.0

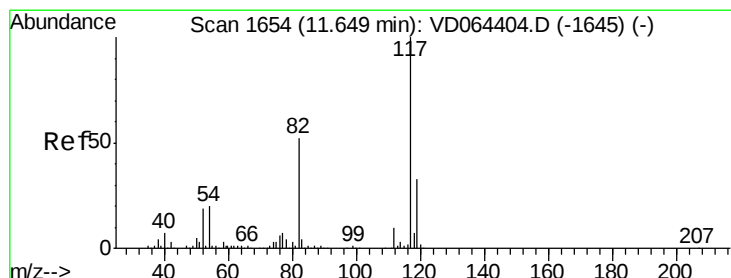
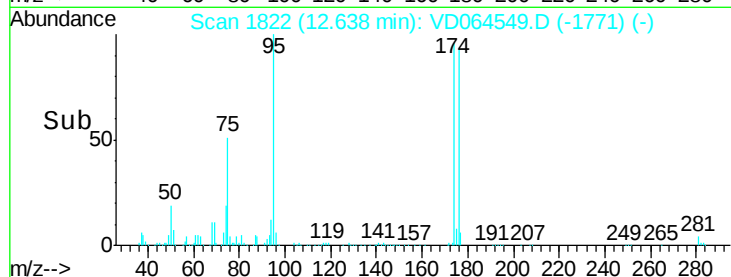
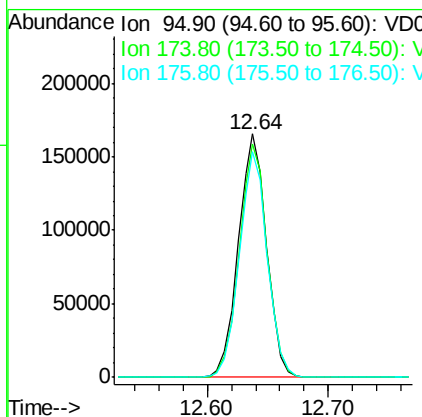
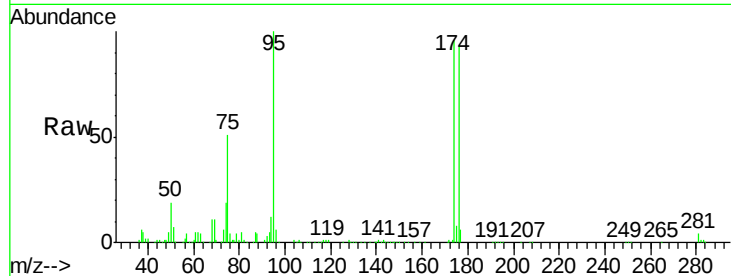




#62
4-Bromofluorobenzene
Concen: 58.468 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064549.D
Acq: 17 Dec 2019 17:05

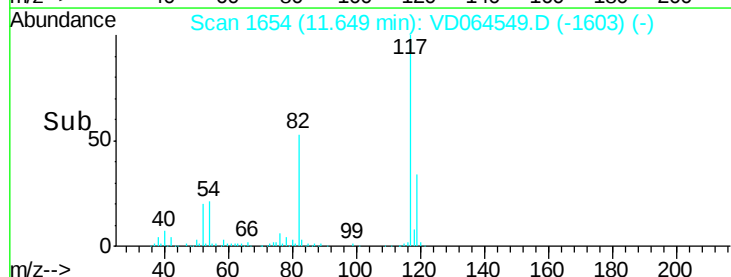
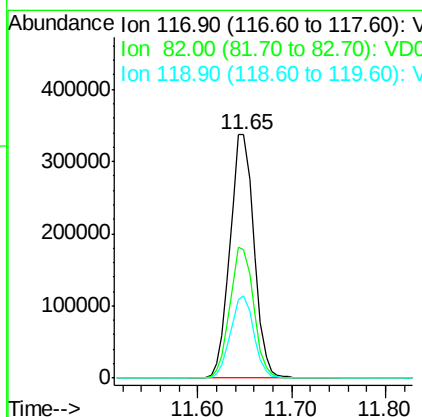
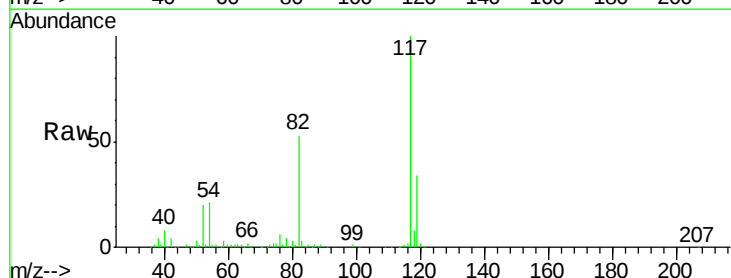
Instrument :
MSVOA_D
ClientSampleId :
PF-A

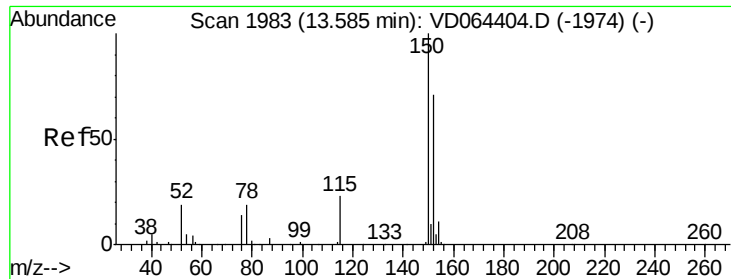
Tot Ion: 95 Resp: 267543
Ion Ratio Lower Upper
95 100
174 95.6 0.0 197.2
176 91.9 0.0 189.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064549.D
Acq: 17 Dec 2019 17:05

Tgt Ion: 117 Resp: 601096
Ion Ratio Lower Upper
117 100
82 52.6 41.4 62.2
119 33.7 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064549.D

Acq: 17 Dec 2019 17:05

Instrument :

MSVOA_D

ClientSampleId :

PF-A

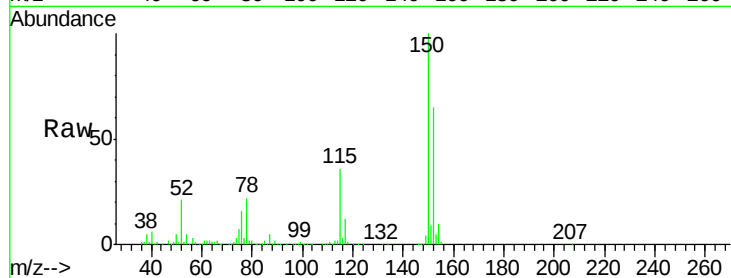
Tot Ion:152 Resp: 310639

Ion Ratio Lower Upper

152 100

115 54.7 26.7 80.1

150 155.7 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

