

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030520\
 Data File : VD065433.D
 Acq On : 05 Mar 2020 16:09
 Operator : VA/SY
 Sample : L1792-09
 Misc : 6.83G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Mar 06 04:07:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

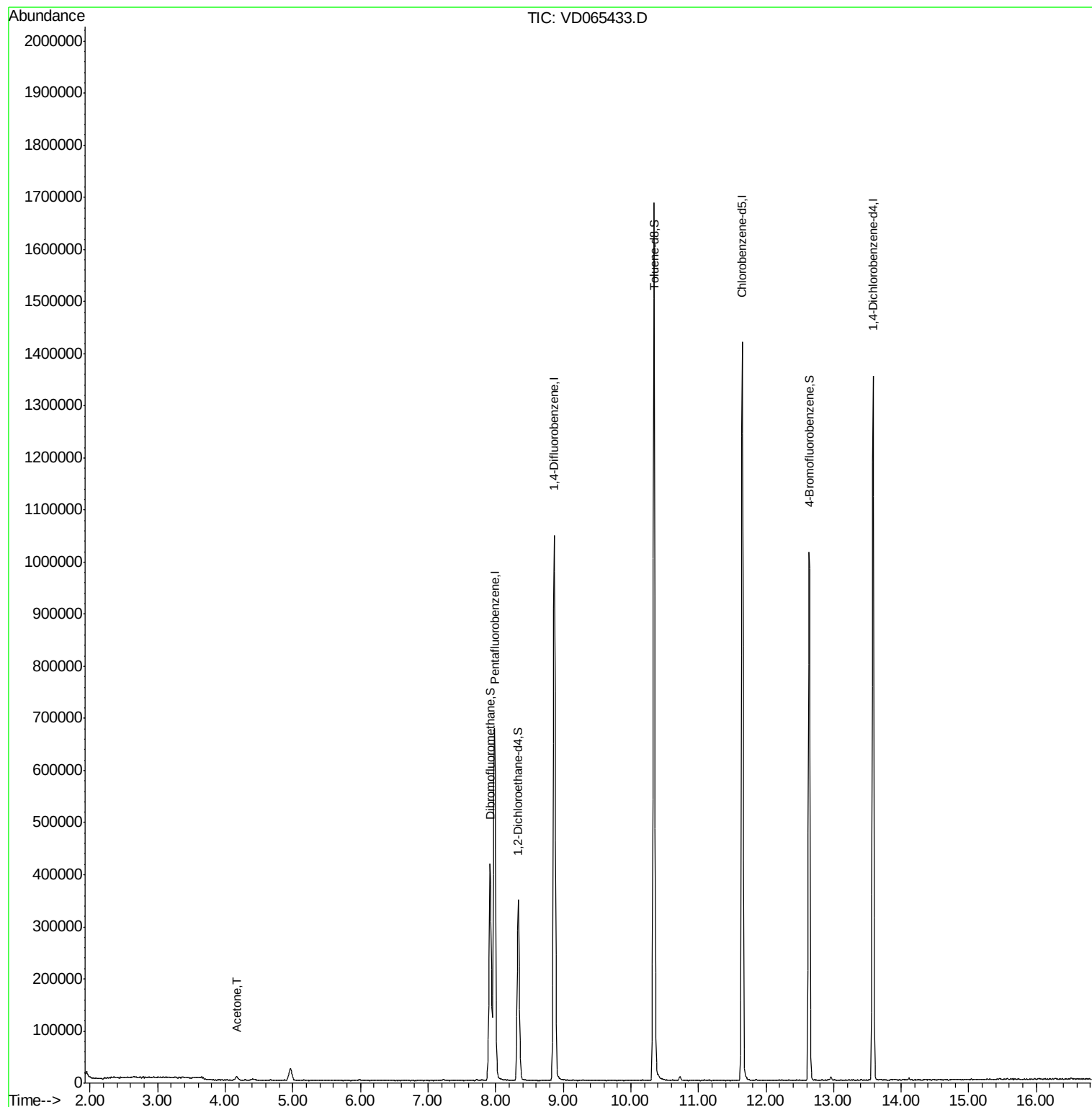
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	541889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	928054	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	846892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	376615	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	279869	60.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.42%	
35) Dibromofluoromethane	7.92	113	300322	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.66%	
50) Toluene-d8	10.34	98	1121353	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
62) 4-Bromofluorobenzene	12.64	95	329235	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
Target Compounds						
16) Acetone	4.17	43	12302	13.086	ug/l	Qvalue 89

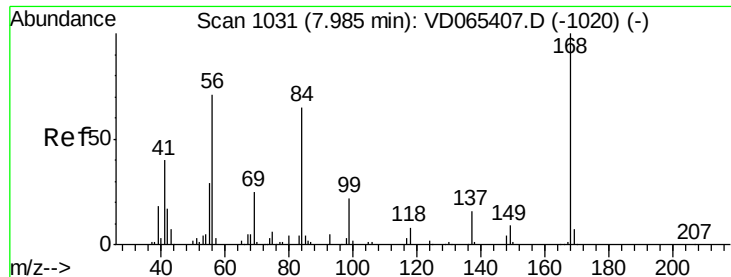
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065433.D

Acq: 05 Mar 2020 16:09

Instrument :

MSVOA_D

ClientSampleId :

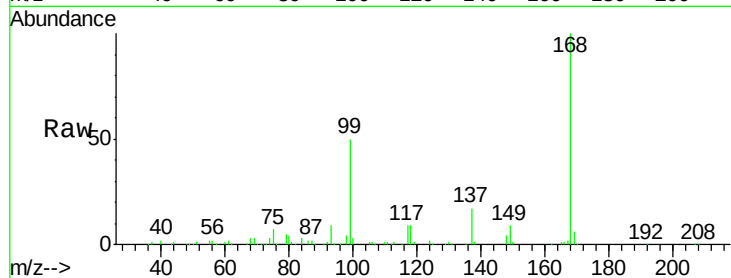
TP-1

Tot Ion:168 Resp: 541889

Ion Ratio Lower Upper

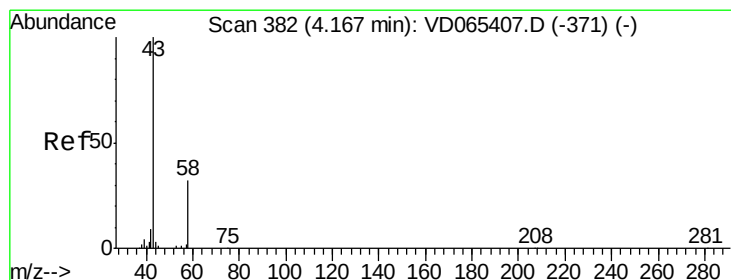
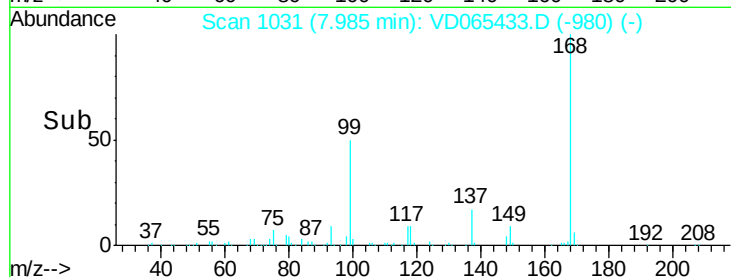
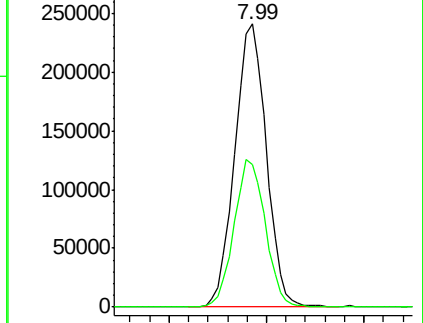
168 100

99 50.4 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 13.086 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065433.D

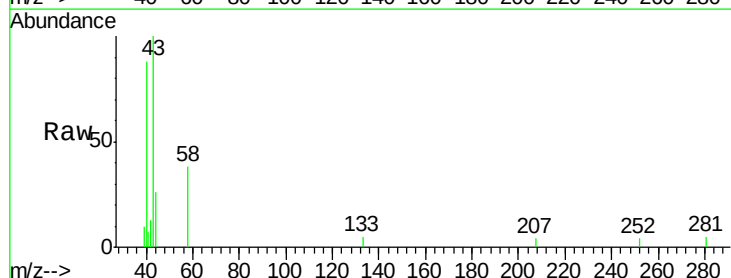
Acq: 05 Mar 2020 16:09

Tgt Ion: 43 Resp: 12302

Ion Ratio Lower Upper

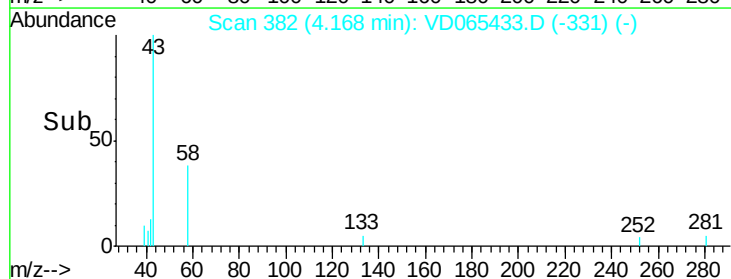
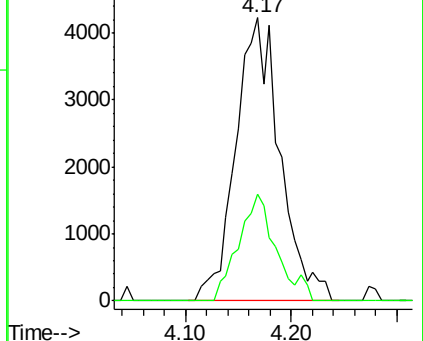
43 100

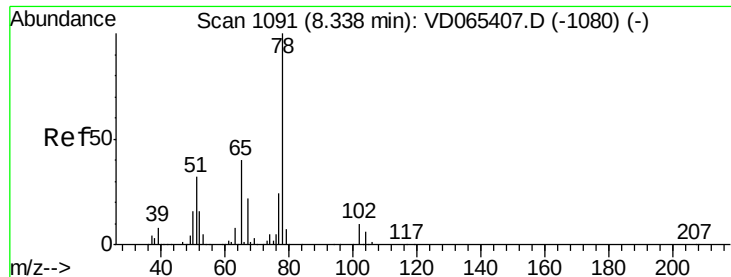
58 37.6 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

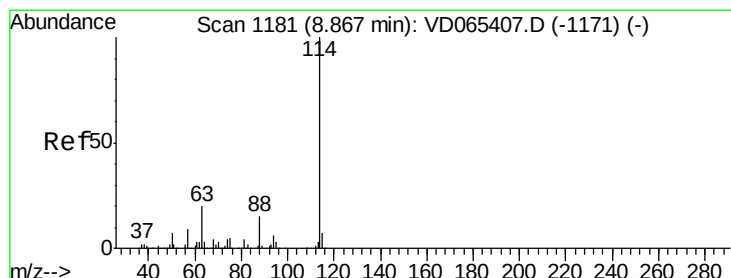
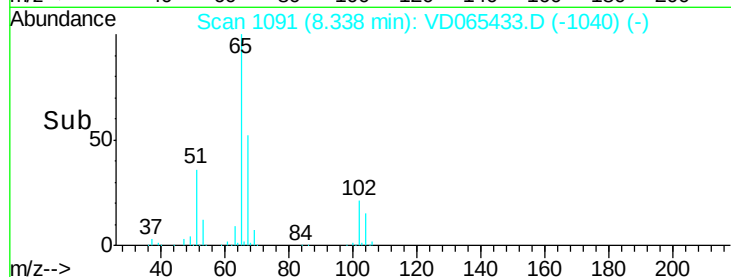
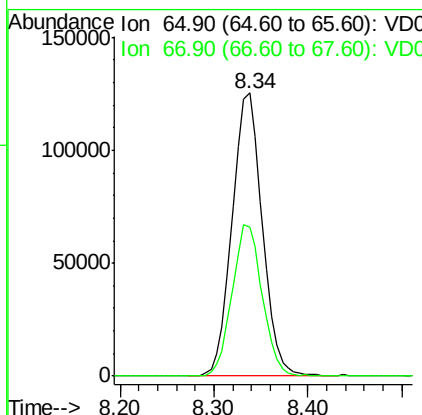
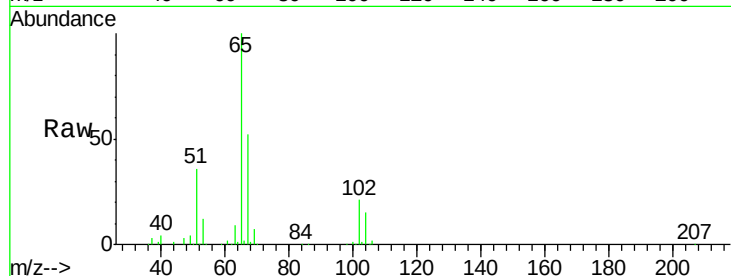




#33
 1,2-Dichloroethane-d4
 Concen: 60.209 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065433.D
 Acq: 05 Mar 2020 16:09

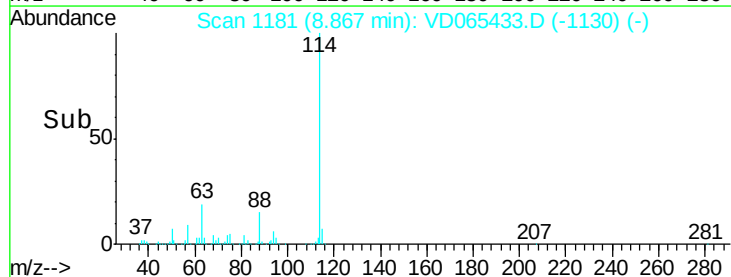
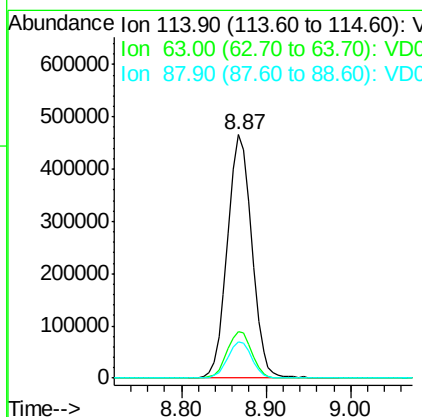
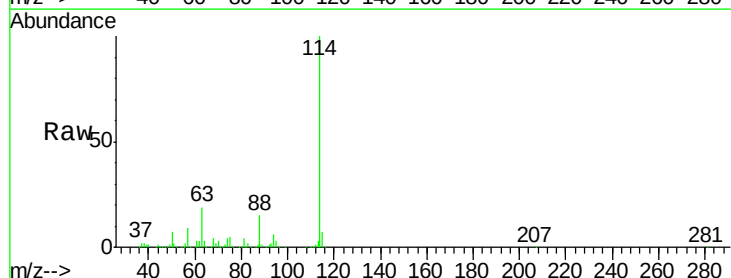
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

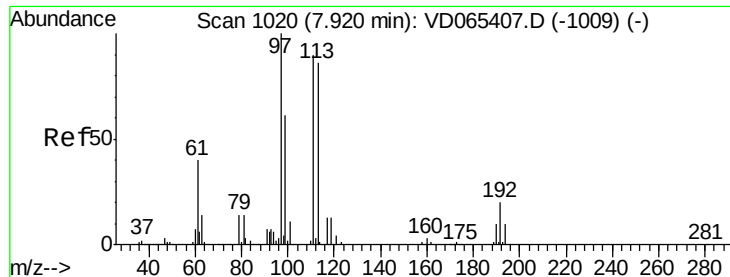
Tot Ion: 65 Resp: 279869
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065433.D
 Acq: 05 Mar 2020 16:09

Tgt Ion: 114 Resp: 928054
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.6
 88 14.8 0.0 30.4

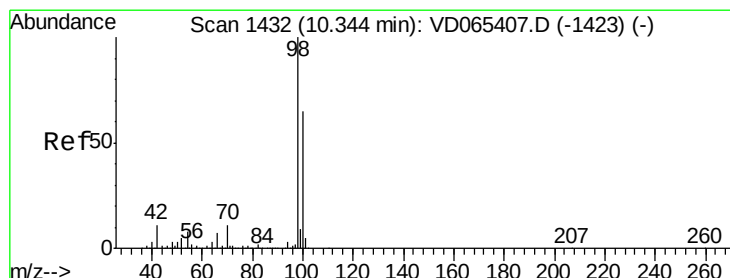
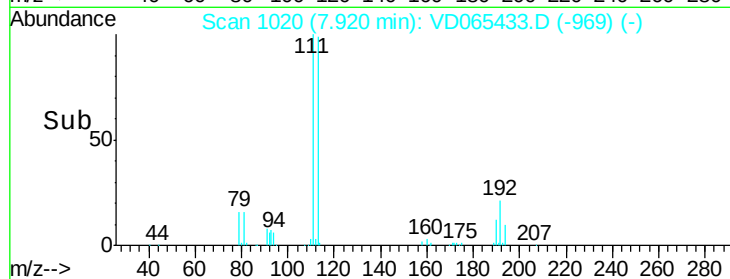
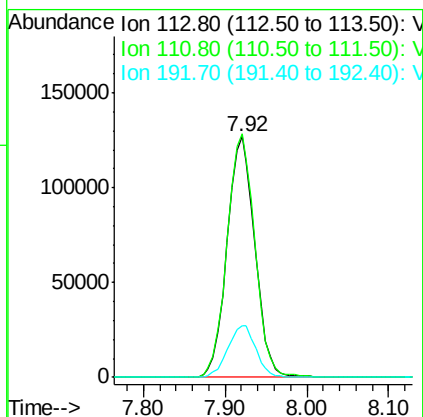
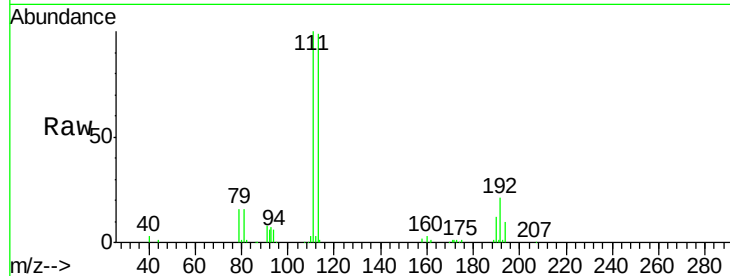




#35
Dibromofluoromethane
Concen: 52.329 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD065433.D
Acq: 05 Mar 2020 16:09

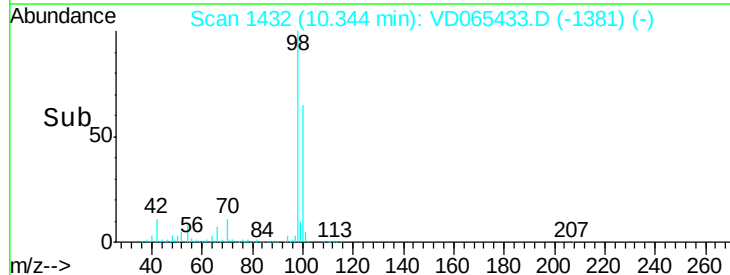
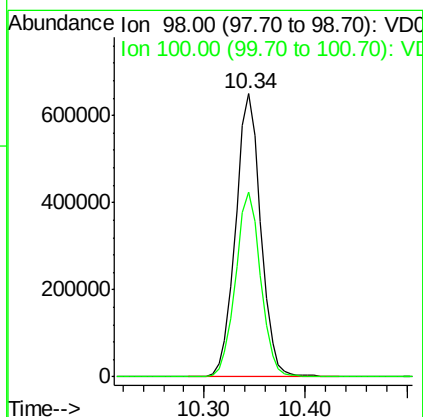
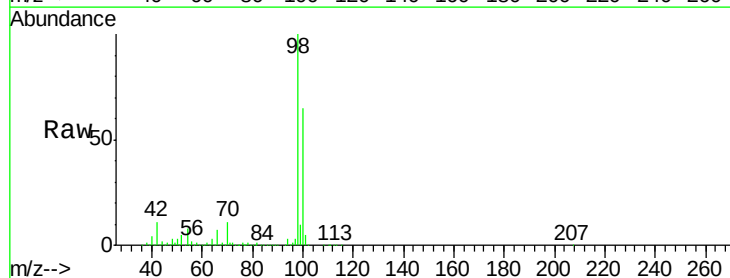
Instrument :
MSVOA_D
ClientSampleId :
TP-1

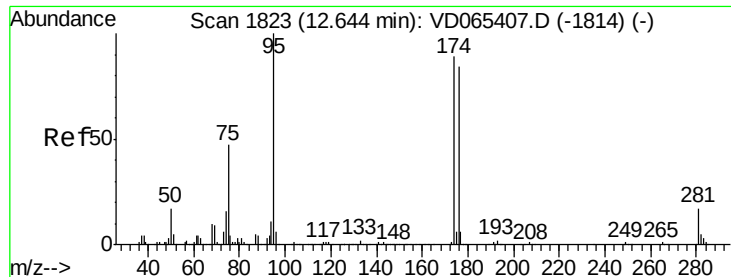
Tot Ion:113 Resp: 300322
Ion Ratio Lower Upper
113 100
111 101.2 82.1 123.1
192 21.7 17.2 25.8



#50
Toluene-d8
Concen: 50.930 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065433.D
Acq: 05 Mar 2020 16:09

Tgt Ion: 98 Resp: 1121353
Ion Ratio Lower Upper
98 100
100 65.2 52.8 79.2

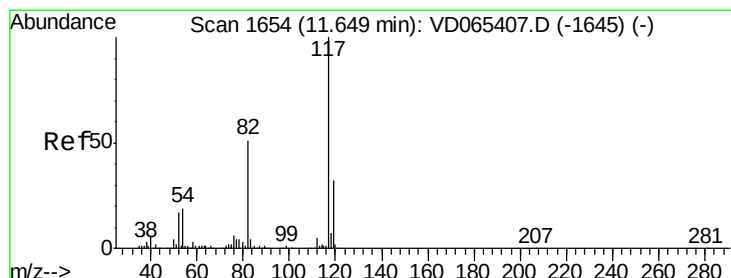
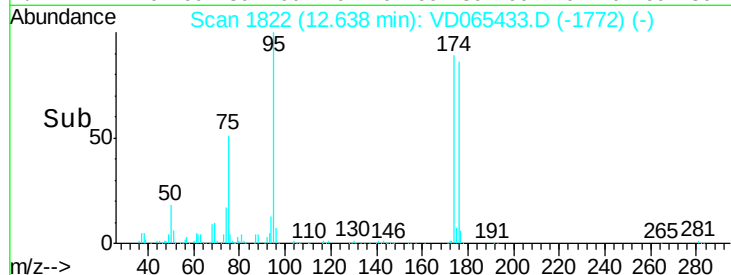
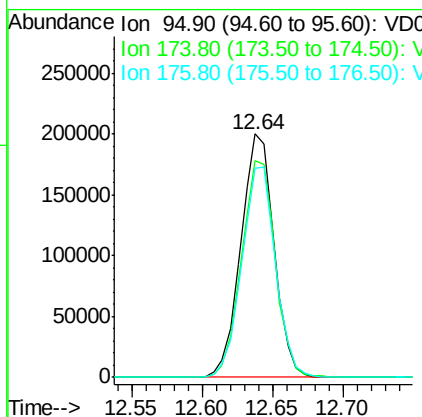
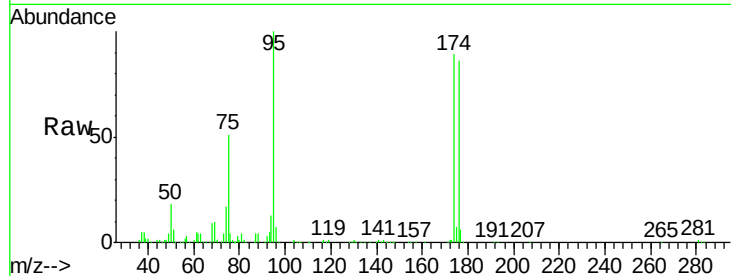




#62
4-Bromofluorobenzene
Concen: 48.438 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.01 min
Lab File: VD065433.D
Acq: 05 Mar 2020 16:09

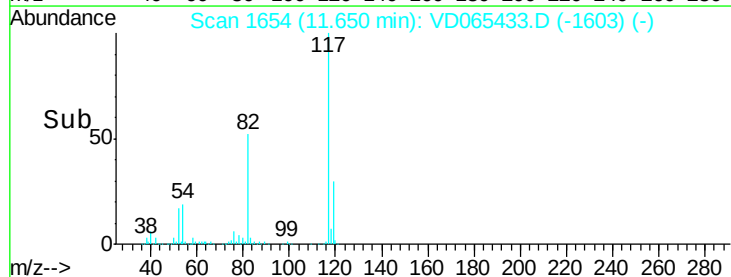
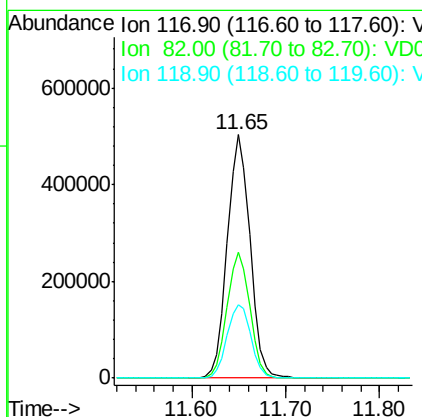
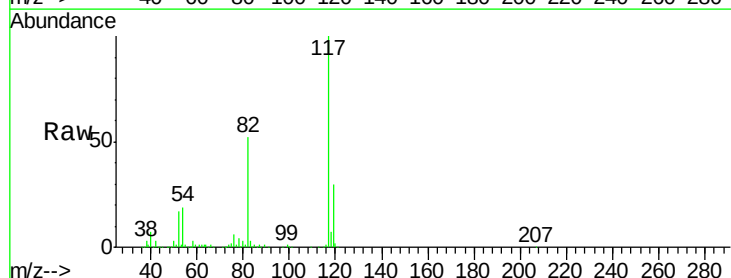
Instrument :
MSVOA_D
ClientSampleId :
TP-1

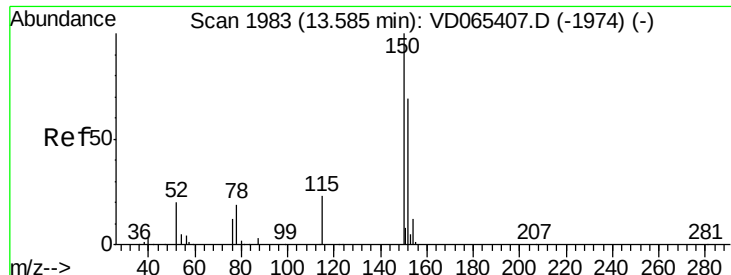
Tot Ion: 95 Resp: 329235
Ion Ratio Lower Upper
95 100
174 90.6 0.0 176.8
176 88.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065433.D
Acq: 05 Mar 2020 16:09

Tgt Ion: 117 Resp: 846892
Ion Ratio Lower Upper
117 100
82 51.8 40.6 60.8
119 30.2 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD065433.D

Acq: 05 Mar 2020 16:09

Instrument :

MSVOA_D

ClientSampleId :

TP-1

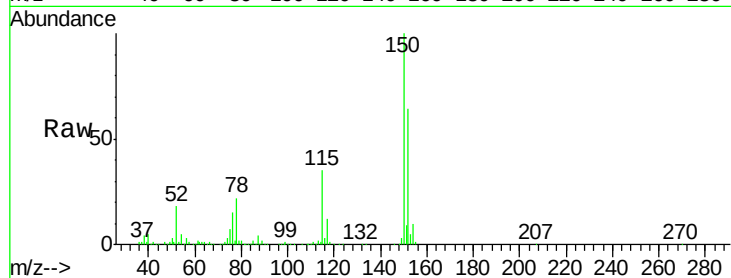
Tot Ion:152 Resp: 376615

Ion Ratio Lower Upper

152 100

115 54.7 27.6 82.8

150 154.9 0.0 345.0



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

