

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021020\
 Data File : VD065138.D
 Acq On : 10 Feb 2020 17:43
 Operator : VA/SY
 Sample : L1470-06
 Misc : 5.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PE-5-(SIDE-WALL)-SOUTH

Quant Time: Feb 11 08:35:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	460784	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	766272	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	792532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	395478	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	219023	55.93	ug/l	0.00
Spiked Amount			Recovery	=	111.86%	
35) Dibromofluoromethane	7.92	113	232545	54.39	ug/l	0.00
Spiked Amount			Recovery	=	108.78%	
50) Toluene-d8	10.34	98	935541	54.98	ug/l	0.00
Spiked Amount			Recovery	=	109.96%	
62) 4-Bromofluorobenzene	12.64	95	348755	64.68	ug/l	0.00
Spiked Amount			Recovery	=	129.36%	

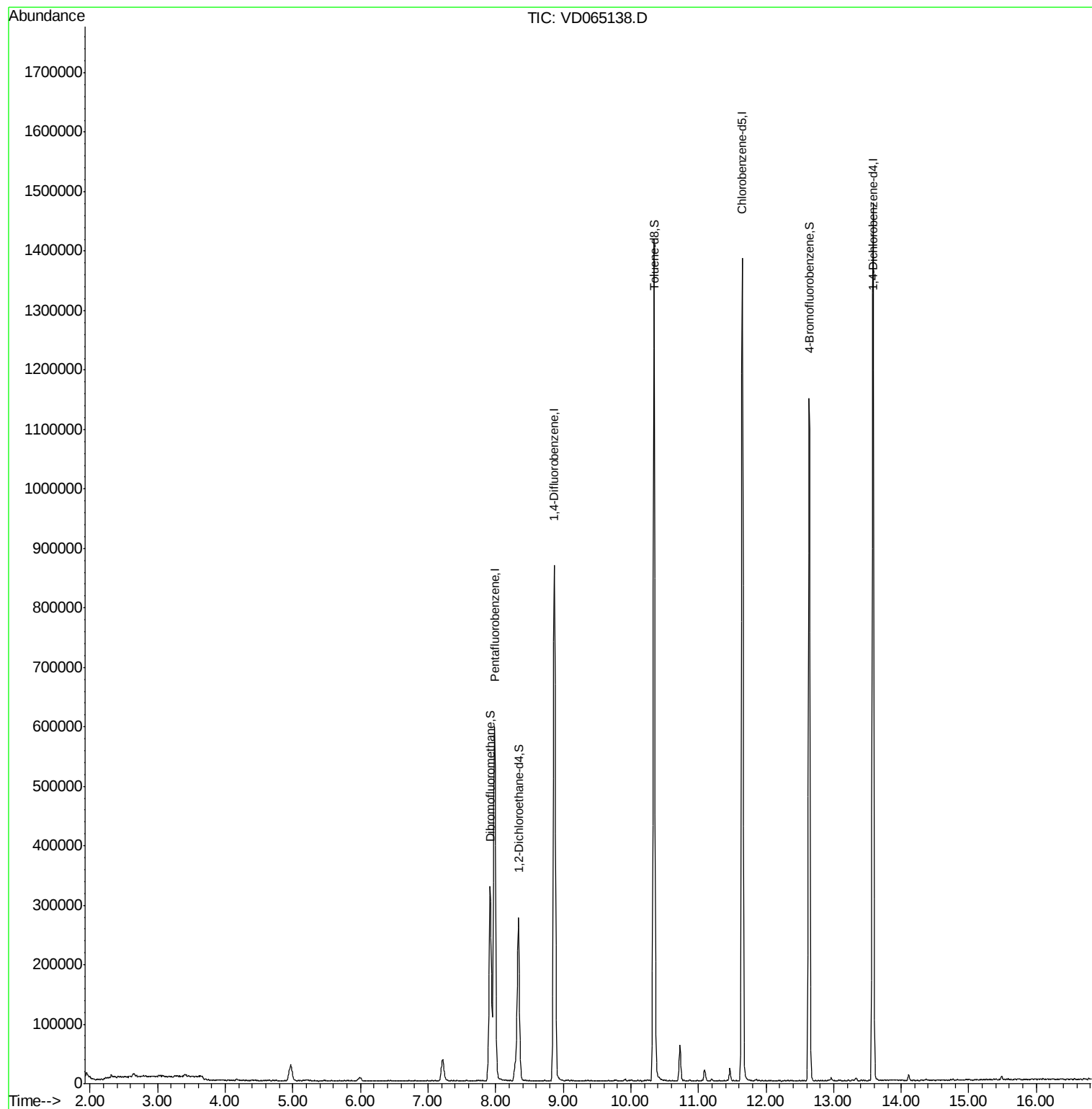
Target Compounds	Qvalue
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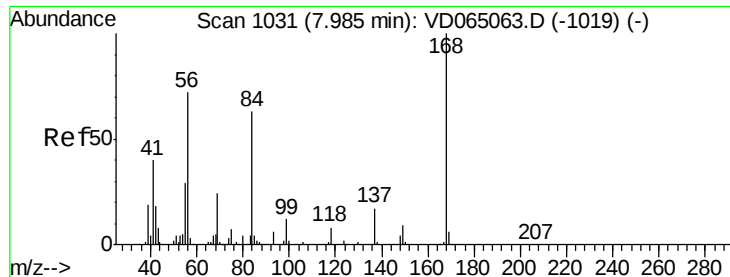
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065138.D

Acq: 10 Feb 2020 17:43

Instrument :

MSVOA_D

ClientSampleId :

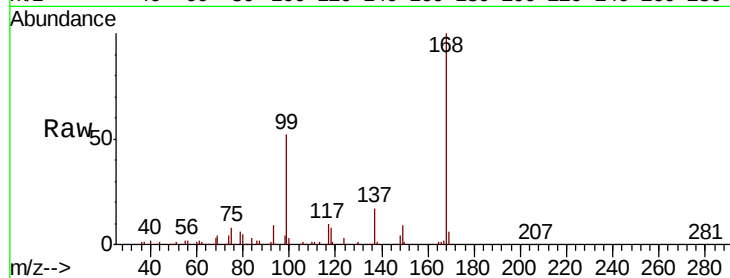
PE-5-(SIDE-WALL)-SOUTH

Tot Ion:168 Resp: 460784

Ion Ratio Lower Upper

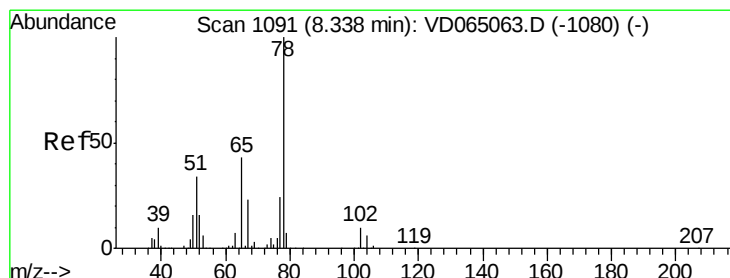
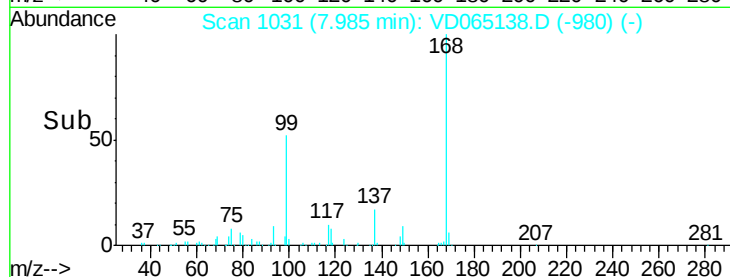
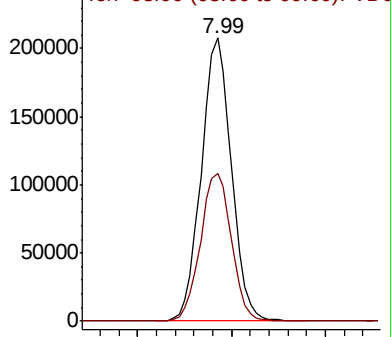
168 100

99 52.0 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 55.926 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065138.D

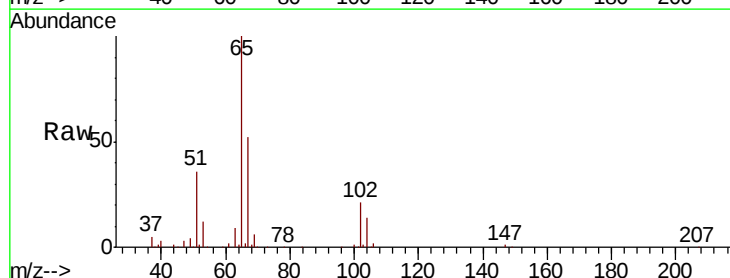
Acq: 10 Feb 2020 17:43

Tgt Ion: 65 Resp: 219023

Ion Ratio Lower Upper

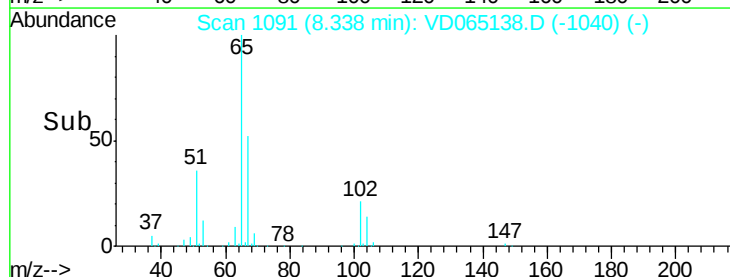
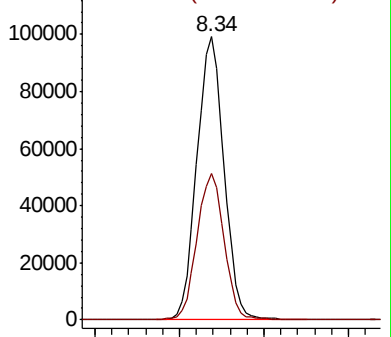
65 100

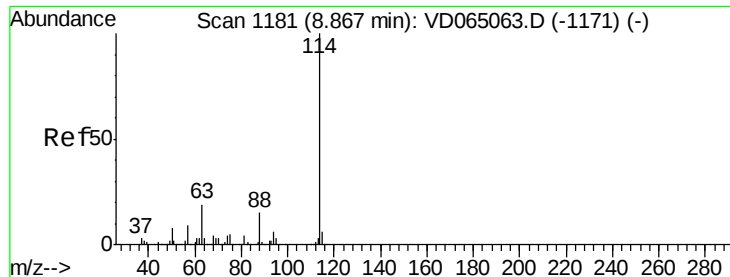
67 51.7 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

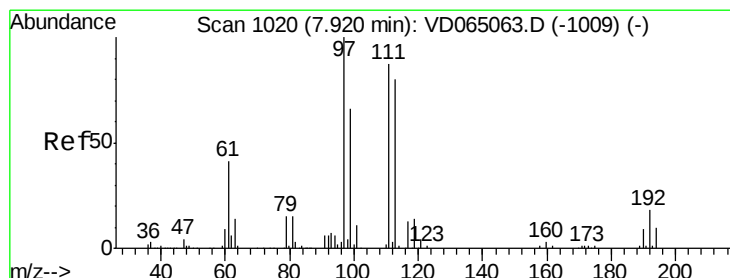
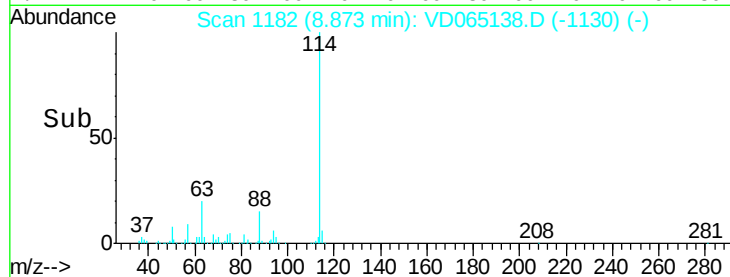
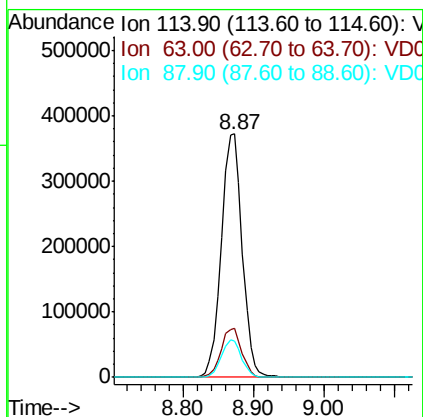
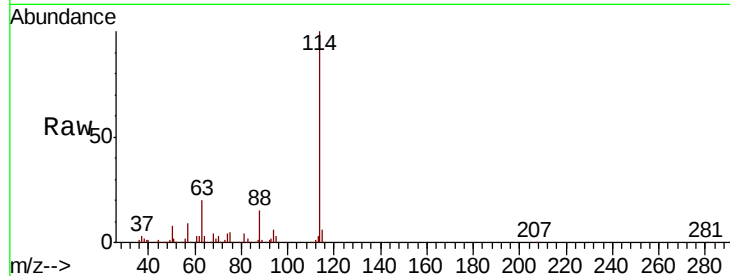




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD065138.D
 Acq: 10 Feb 2020 17:43

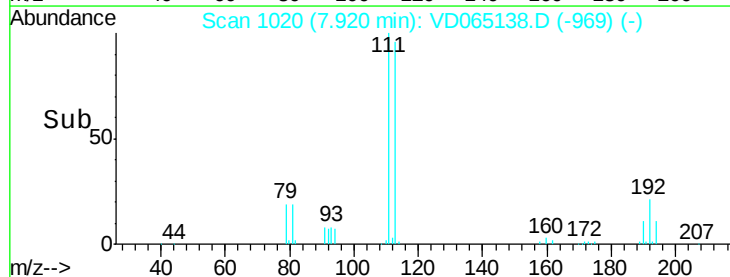
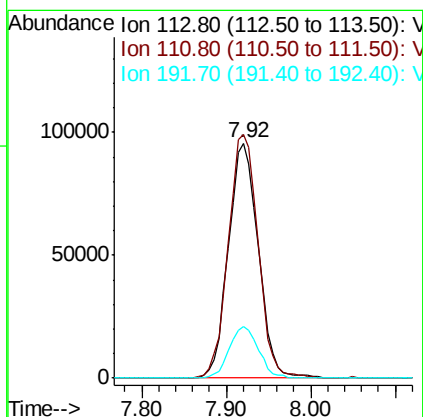
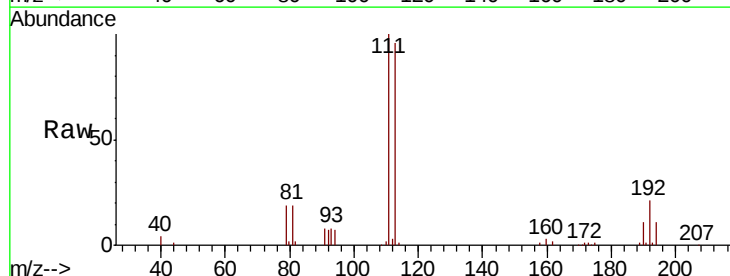
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 PE-5-(SIDE-WALL)-SOUTH

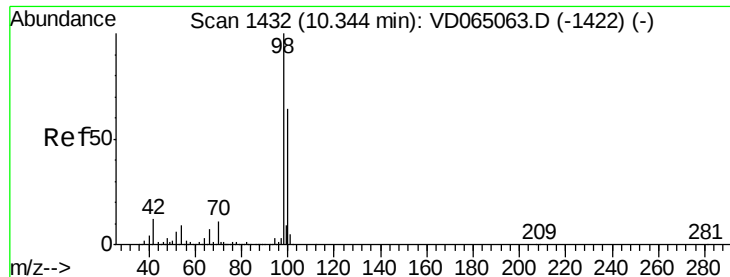
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	38.8
88	15.1	0.0	29.6



#35
 Dibromofluoromethane
 Concen: 54.392 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065138.D
 Acq: 10 Feb 2020 17:43

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.1	124.7
192	21.5	18.1	27.1

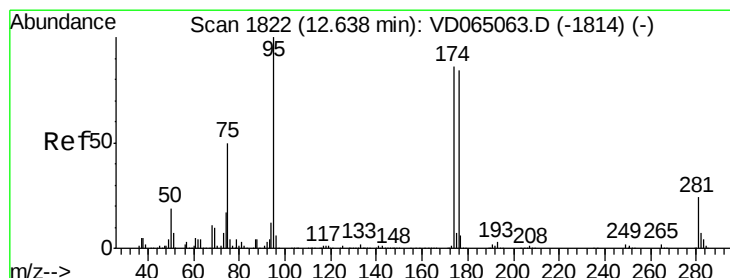
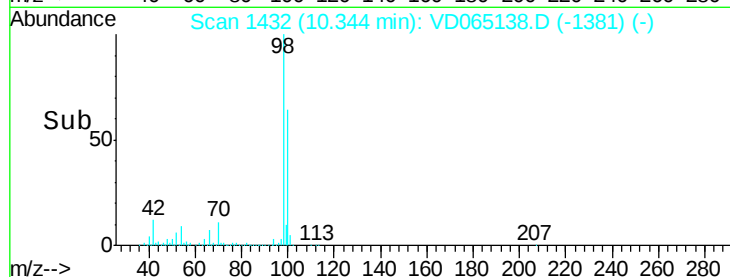
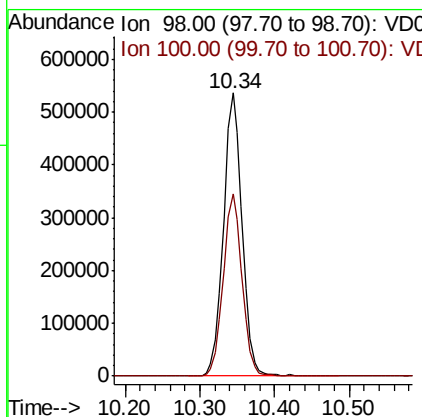
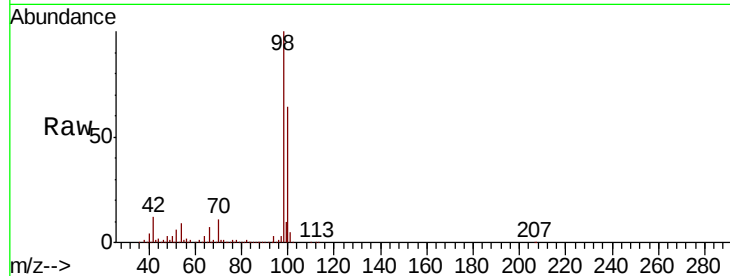




#50
Toluene-d8
Concen: 54.977 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065138.D
Acq: 10 Feb 2020 17:43

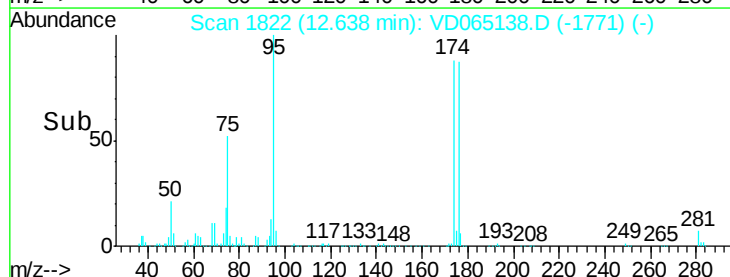
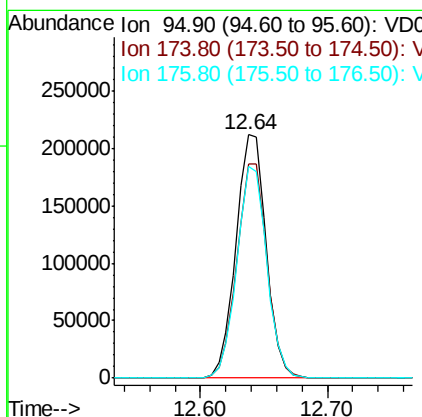
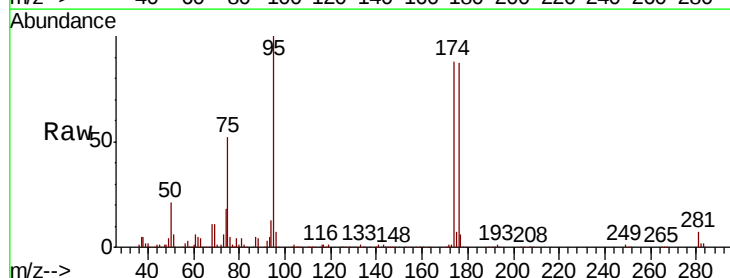
Instrument :
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ClientSampleId :
PE-5-(SIDE-WALL)-SOUTH

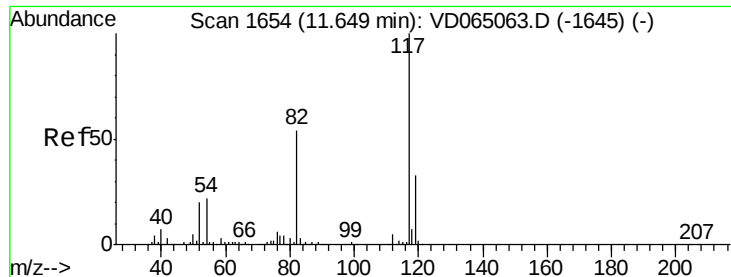
Tot Ion: 98 Resp: 935541
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 64.679 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065138.D
Acq: 10 Feb 2020 17:43

Tgt Ion: 95 Resp: 348755
Ion Ratio Lower Upper
95 100
174 88.2 0.0 180.0
176 86.2 0.0 173.2

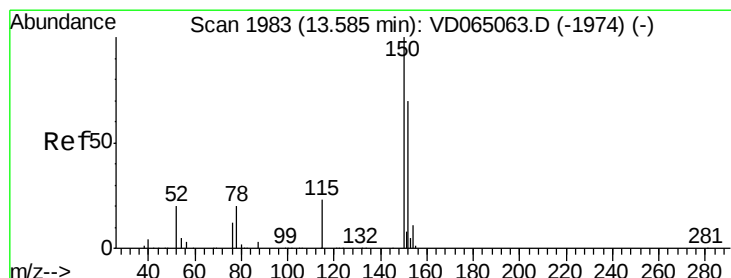
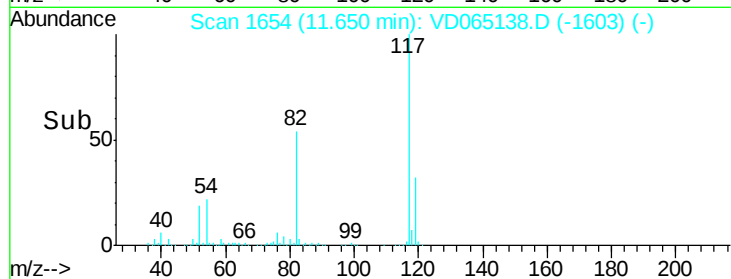
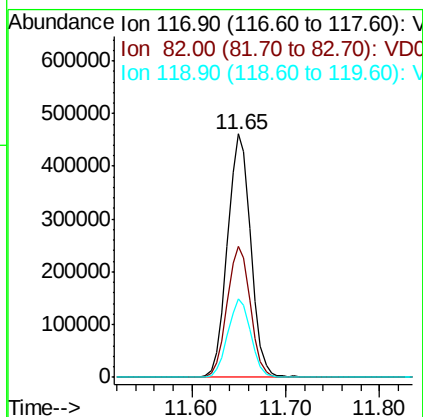
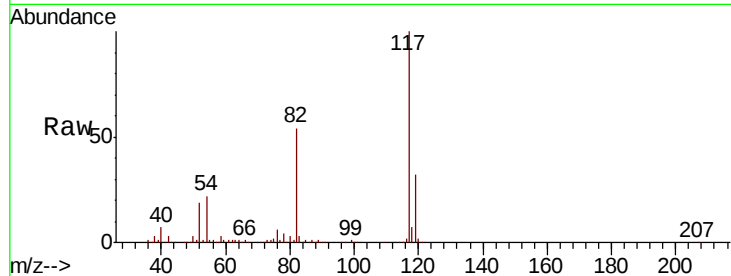




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065138.D
Acq: 10 Feb 2020 17:43

Instrument :
MSVOA_D
ClientSampleId :
PE-5-(SIDE-WALL)-SOUTH

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.1	64.7
119	32.3	26.0	39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065138.D
Acq: 10 Feb 2020 17:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	27.5	82.4
150	154.8	0.0	343.2

