

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111819\
 Data File : VD064263.D
 Acq On : 18 Nov 2019 14:33
 Operator : VA/SY
 Sample : K5669-01
 Misc : 7.42G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-111519

Quant Time: Nov 19 05:37:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

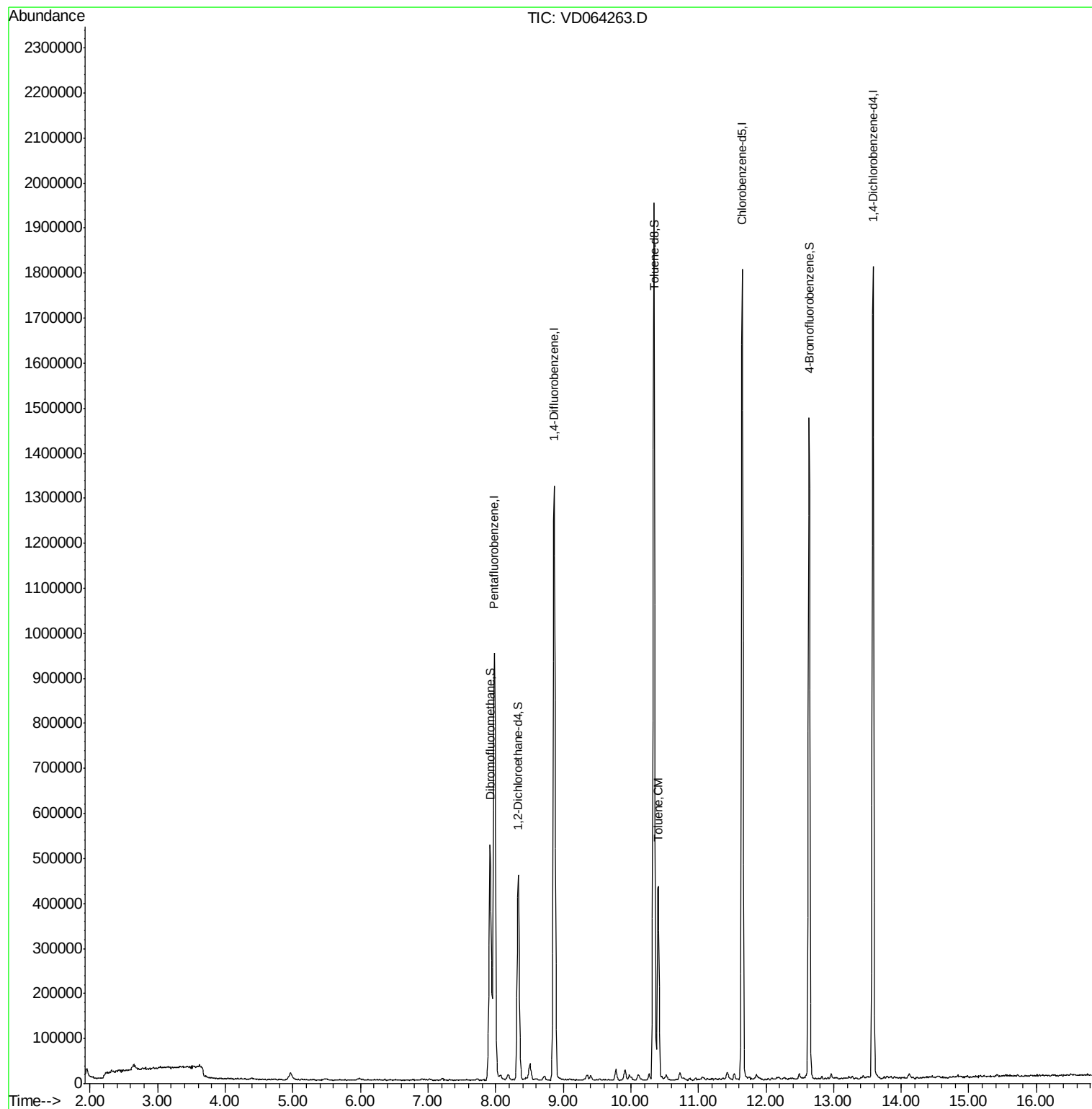
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	780314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1161720	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1029626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	501135	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	366579	57.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.24%	
35) Dibromofluoromethane	7.91	113	360290	54.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.06%	
50) Toluene-d8	10.34	98	1345381	53.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.96%	
62) 4-Bromofluorobenzene	12.64	95	447726	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
Target Compounds						
52) Toluene	10.41	92	185262	9.615	ug/l	99

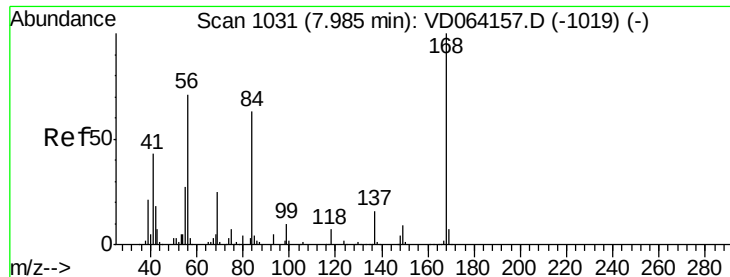
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111819\
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QLast Update : Tue Nov 12 02:43:24 2019
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: VD064263.D

Acq: 18 Nov 2019 14:33

Instrument :

MSVOA_D

ClientSampleId :

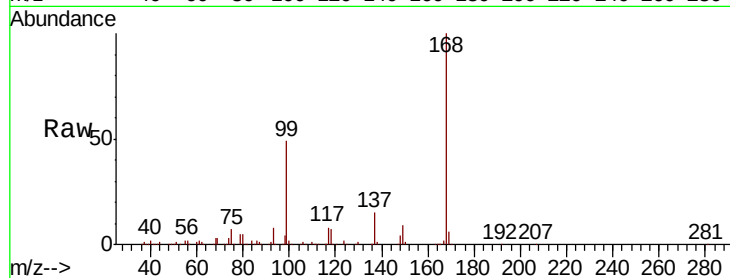
CL-02-111519

Tot Ion:168 Resp: 780314

Ion Ratio Lower Upper

168 100

99 48.9 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

400000

300000

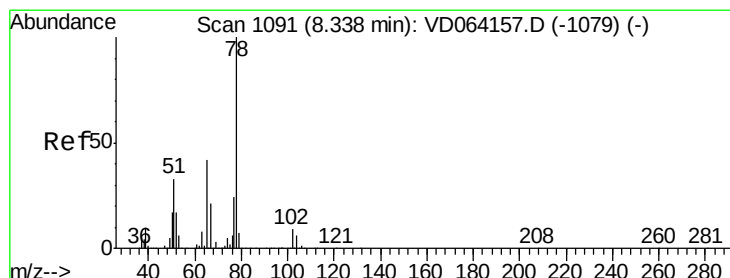
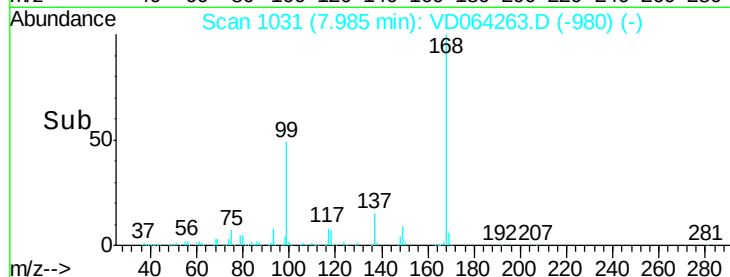
200000

100000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 57.121 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064263.D

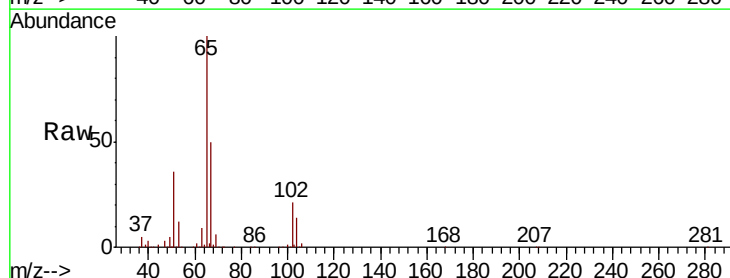
Acq: 18 Nov 2019 14:33

Tgt Ion: 65 Resp: 366579

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

150000

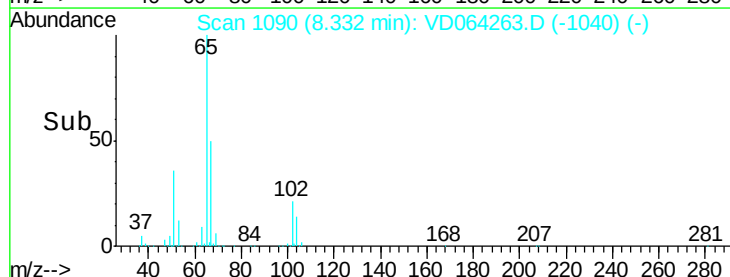
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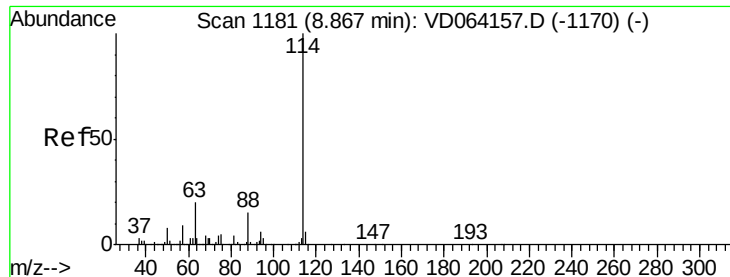
50000

0

Time-->

8.20 8.30 8.40

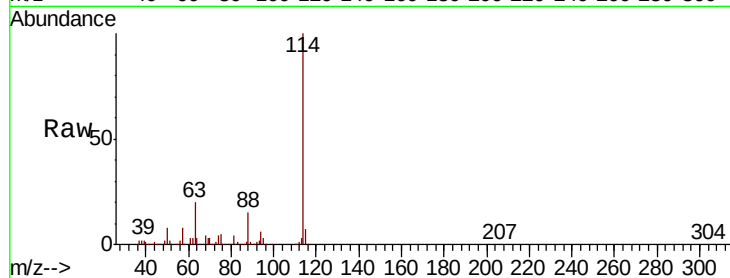




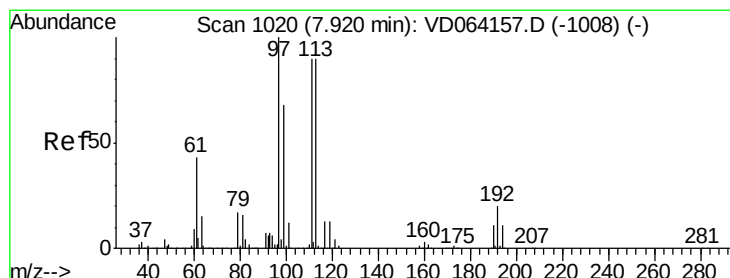
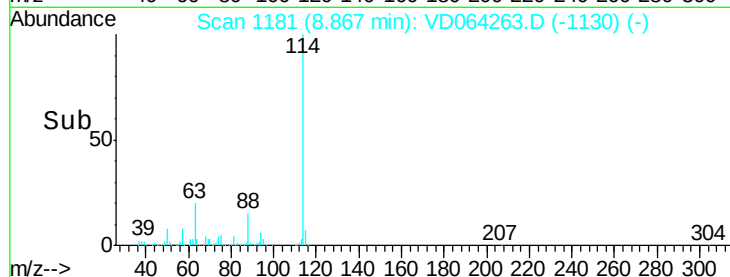
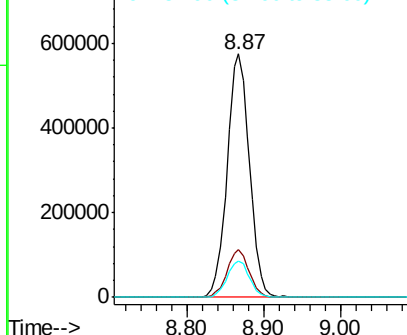
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064263.D
 Acq: 18 Nov 2019 14:33

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-111519

Tot Ion:114 Resp: 1161720
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.0 0.0 30.2

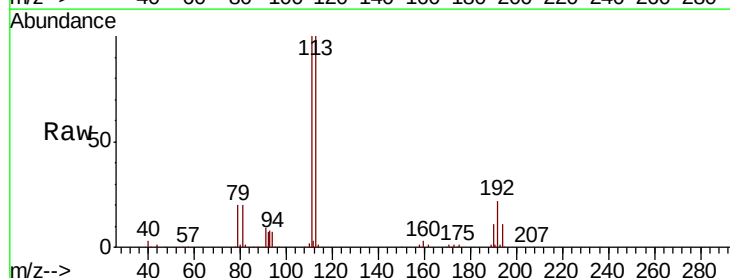


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

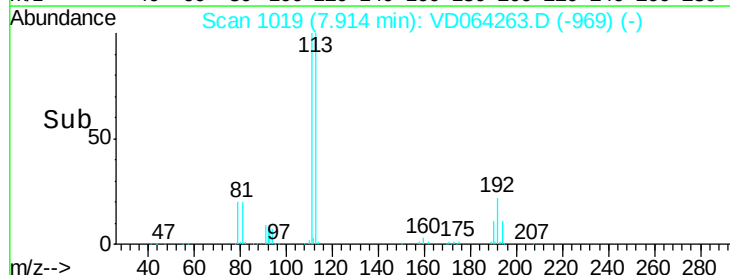
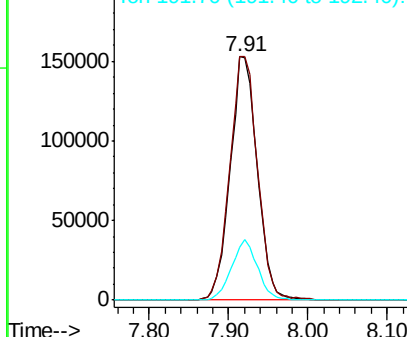


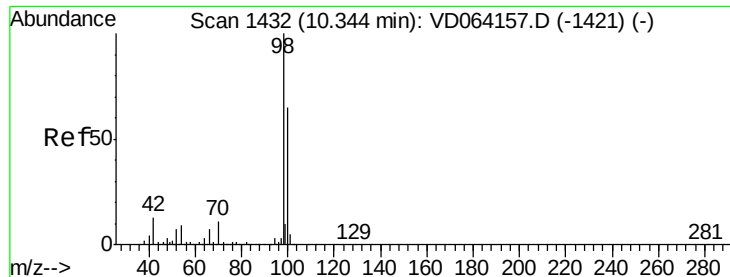
#35
 Dibromofluoromethane
 Concen: 54.029 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064263.D
 Acq: 18 Nov 2019 14:33

Tgt Ion:113 Resp: 360290
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.5 122.3
 192 23.7 18.8 28.2



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

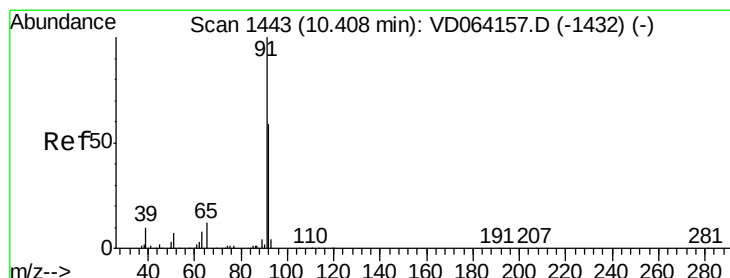
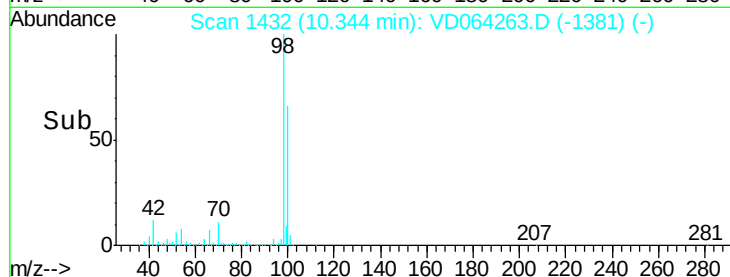
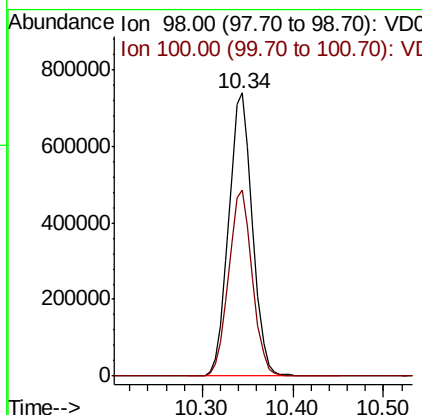
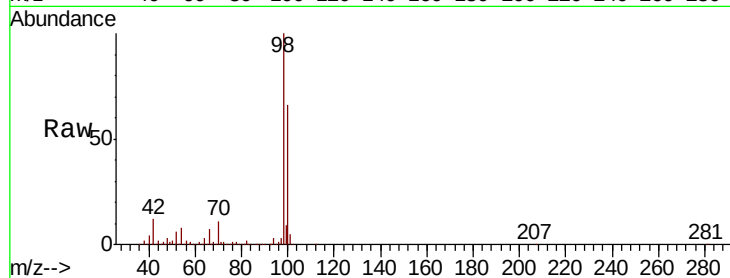




#50
Toluene-d8
Concen: 53.481 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064263.D
Acq: 18 Nov 2019 14:33

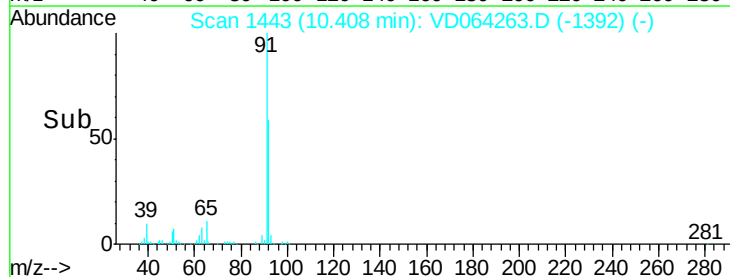
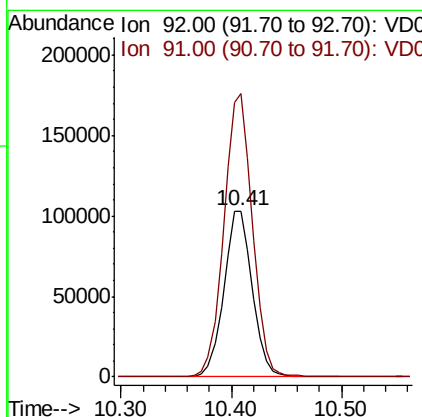
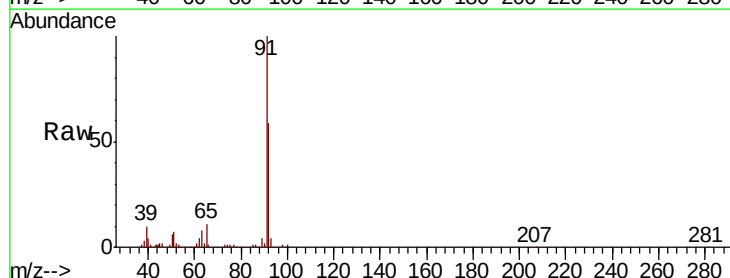
Instrument :
MSVOA_D
ClientSampleId :
CL-02-111519

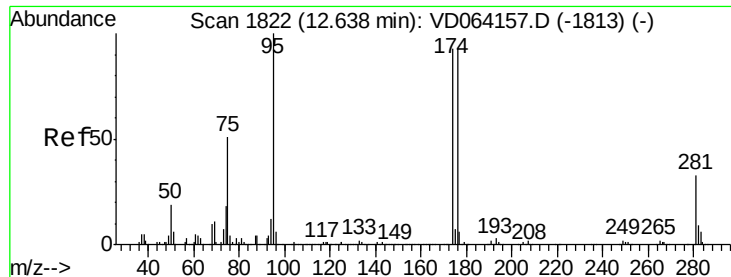
Tot Ion: 98 Resp: 1345381
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



#52
Toluene
Concen: 9.615 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD064263.D
Acq: 18 Nov 2019 14:33

Tgt Ion: 92 Resp: 185262
Ion Ratio Lower Upper
92 100
91 171.3 136.4 204.6

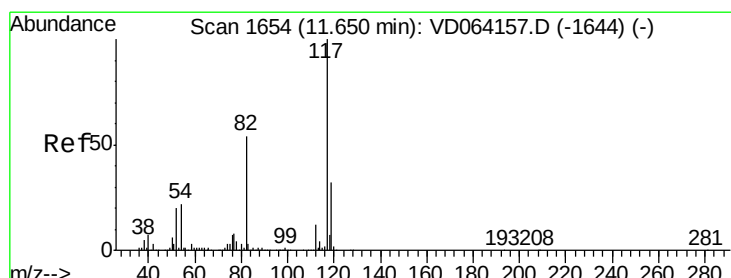
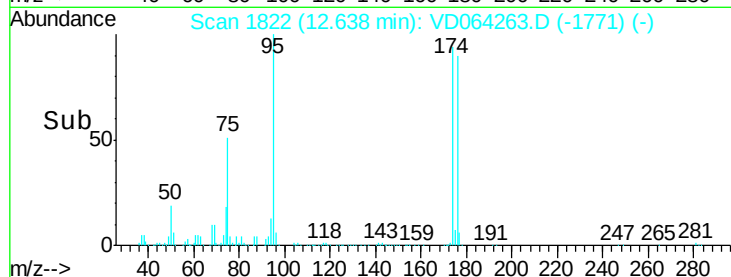
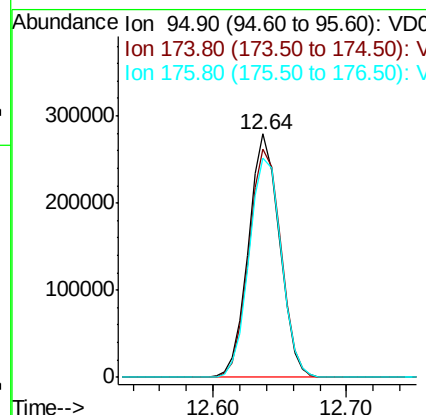
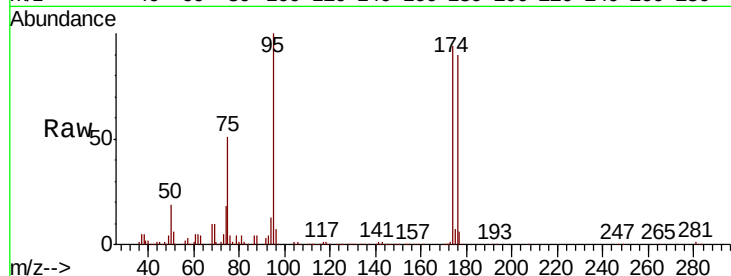




#62
4-Bromofluorobenzene
Concen: 51.393 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064263.D
Acq: 18 Nov 2019 14:33

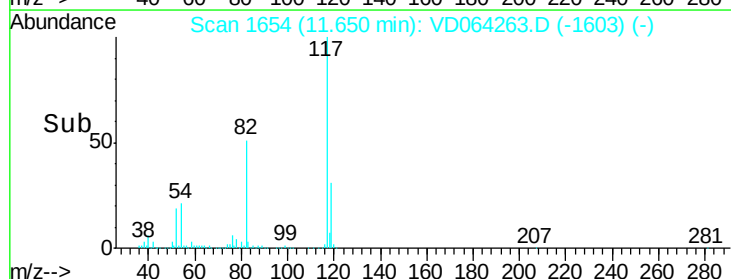
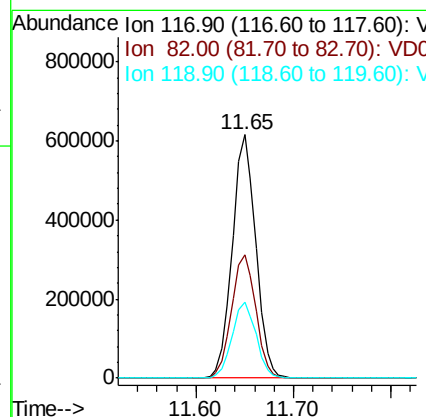
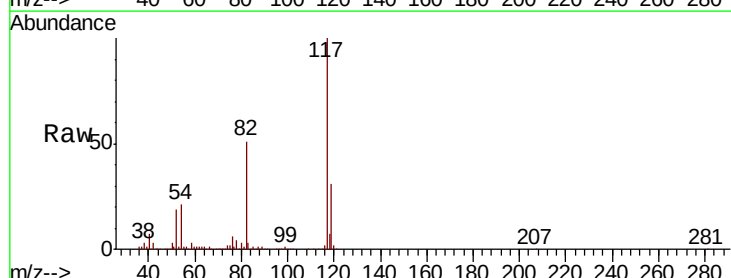
Instrument :
MSVOA_D
ClientSampleId :
CL-02-111519

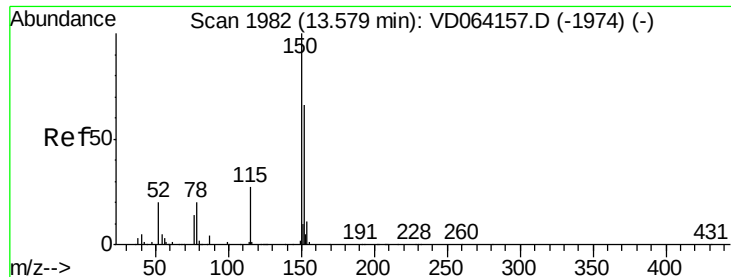
Tot Ion: 95 Resp: 447726
Ion Ratio Lower Upper
95 100
174 96.8 0.0 183.6
176 93.7 0.0 180.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064263.D
Acq: 18 Nov 2019 14:33

Tgt Ion: 117 Resp: 1029626
Ion Ratio Lower Upper
117 100
82 50.7 42.8 64.2
119 31.3 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD064263.D

Acq: 18 Nov 2019 14:33

Instrument :

MSVOA_D

ClientSampleId :

CL-02-111519

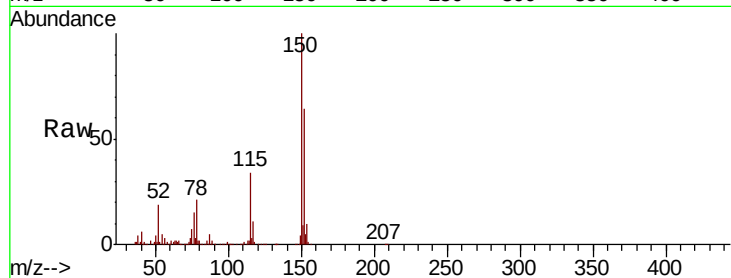
Tot Ion:152 Resp: 501135

Ion Ratio Lower Upper

152 100

115 54.3 27.4 82.2

150 157.0 0.0 351.6



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

