

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112519\
 Data File : VD064358.D
 Acq On : 25 Nov 2019 14:06
 Operator : VA/SY
 Sample : K5676-31
 Misc : 7.25G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-112219

Quant Time: Nov 26 06:05:04 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

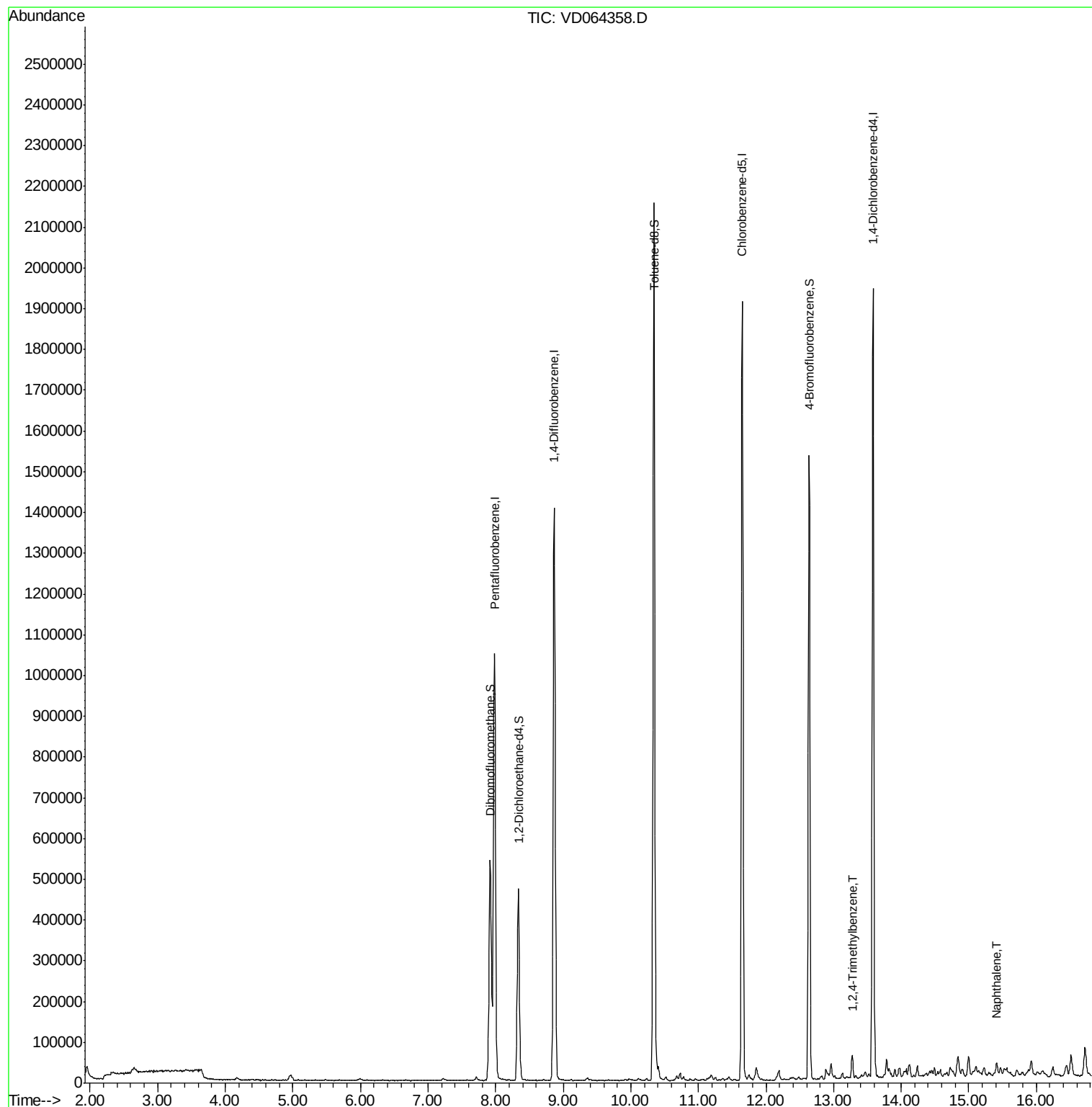
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	848850	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1255934	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1105883	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	522038	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	365353	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.66%	
35) Dibromofluoromethane	7.92	113	378884	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.12%	
50) Toluene-d8	10.34	98	1469143	54.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.04%	
62) 4-Bromofluorobenzene	12.64	95	470789	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.28	105	32111	1.033	ug/l	99
95) Naphthalene	15.41	128	23268	1.258	ug/l	98

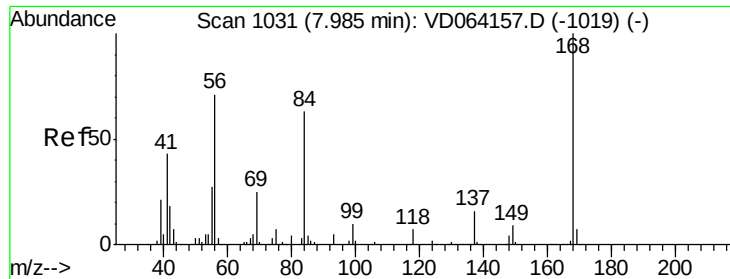
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 12 02:43:24 2019
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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: VD064358.D

Acq: 25 Nov 2019 14:06

Instrument :

MSVOA_D

ClientSampleId :

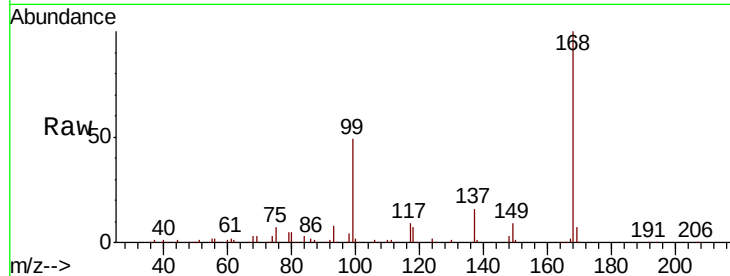
SU-04-112219

Tot Ion:168 Resp: 848850

Ion Ratio Lower Upper

168 100

99 49.3 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

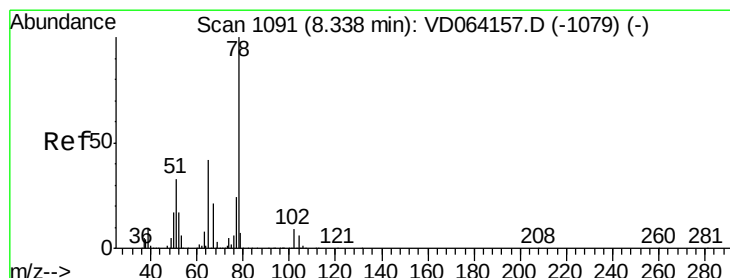
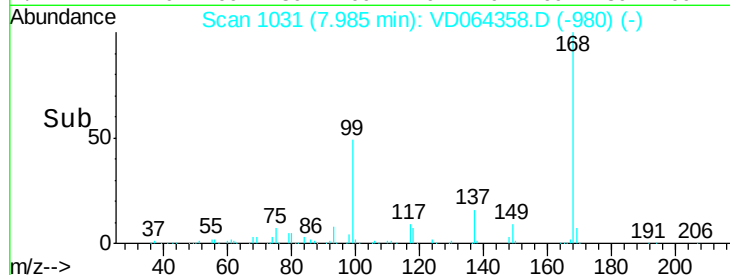
200000

100000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 52.333 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064358.D

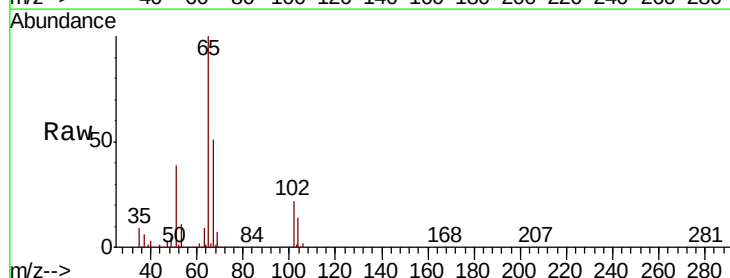
Acq: 25 Nov 2019 14:06

Tgt Ion: 65 Resp: 365353

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

150000

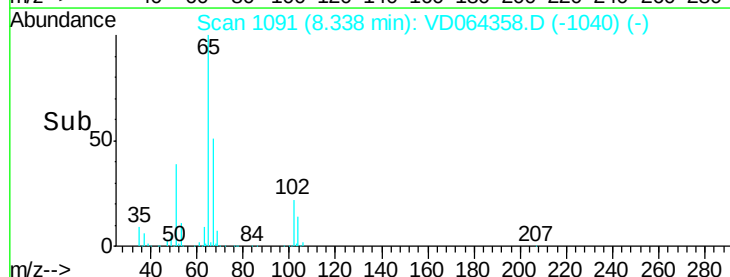
100000

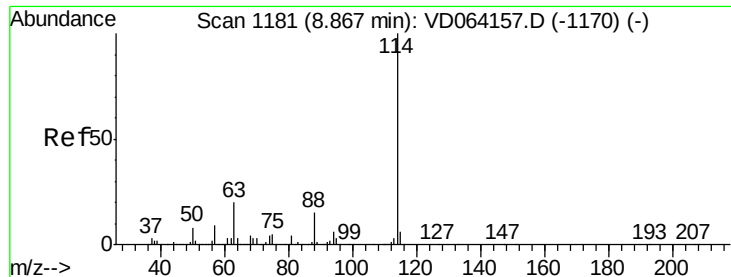
50000

0

Time-->

8.20 8.30 8.40 8.50

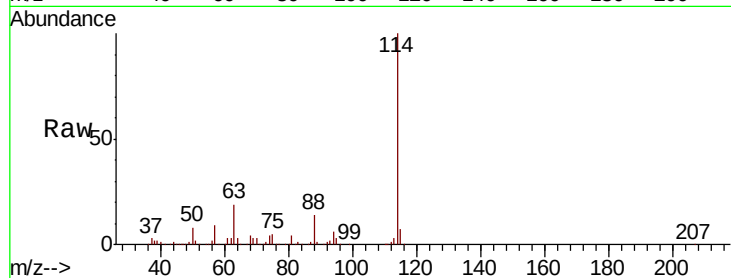




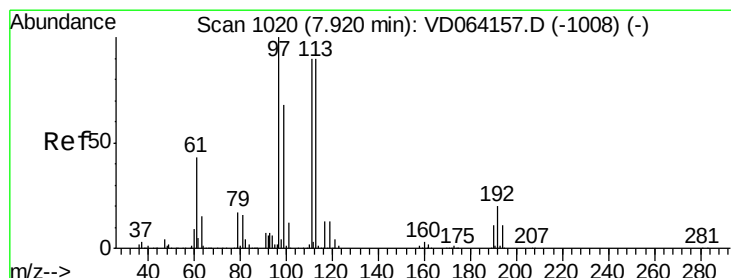
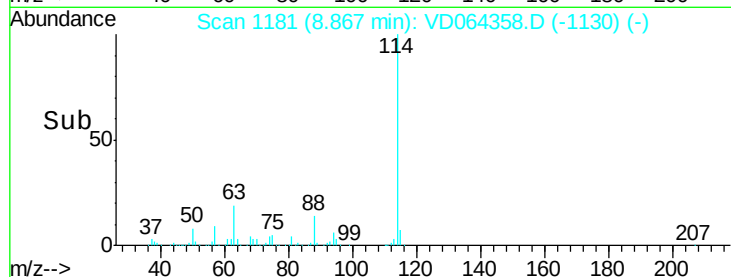
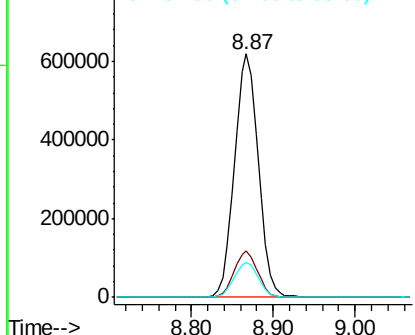
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064358.D
 Acq: 25 Nov 2019 14:06

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-112219

Tot Ion:114 Resp: 1255934
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 40.0
 88 14.2 0.0 30.2

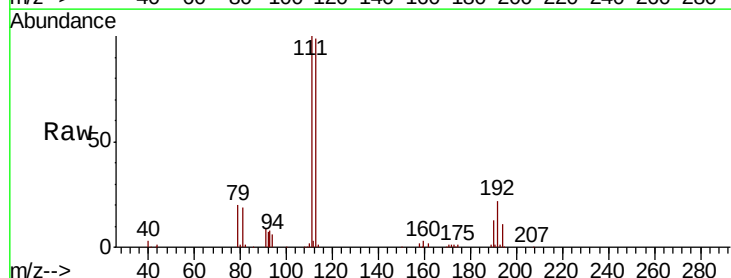


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

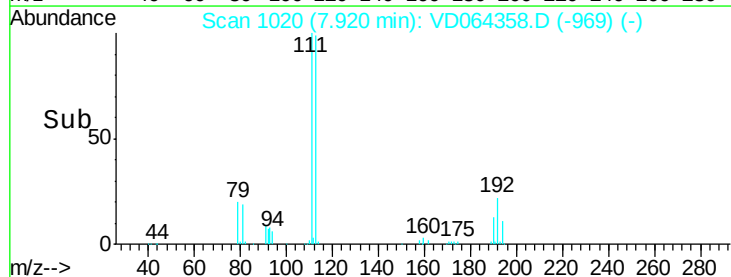
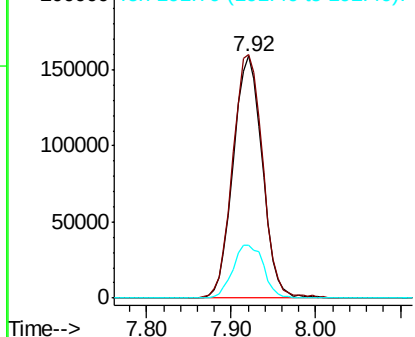


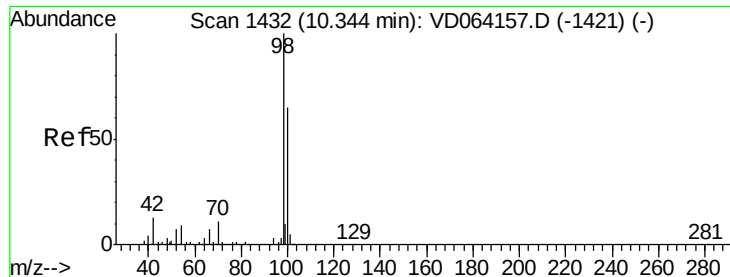
#35
 Dibromofluoromethane
 Concen: 52.555 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064358.D
 Acq: 25 Nov 2019 14:06

Tgt Ion:113 Resp: 378884
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.5 122.3
 192 23.2 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: 54.020 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064358.D

Acq: 25 Nov 2019 14:06

Instrument :

MSVOA_D

ClientSampleId :

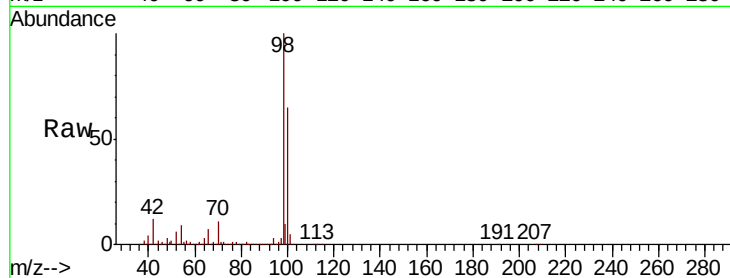
SU-04-112219

Tot Ion: 98 Resp: 1469143

Ion Ratio Lower Upper

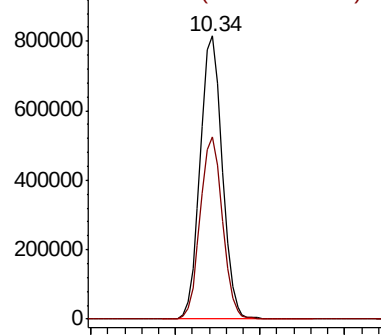
98 100

100 65.0 52.6 78.8

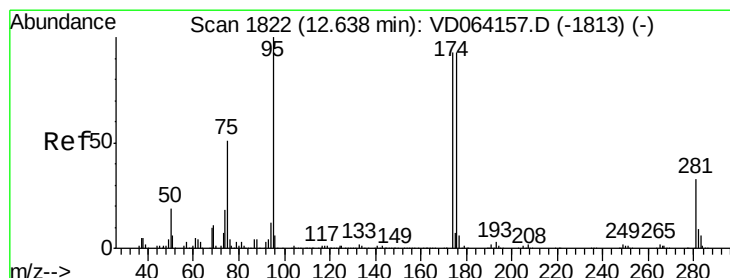
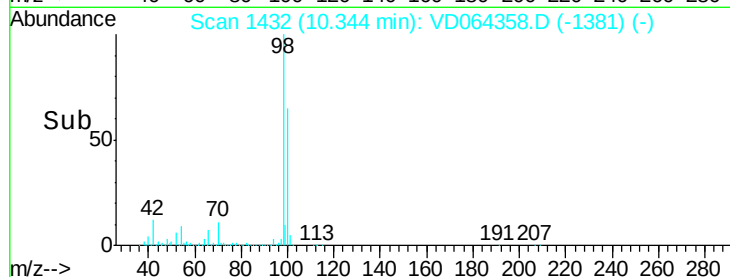


Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



Time-->



#62

4-Bromofluorobenzene

Concen: 49.987 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064358.D

Acq: 25 Nov 2019 14:06

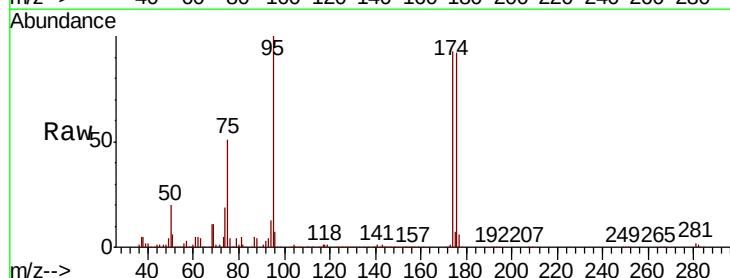
Tgt Ion: 95 Resp: 470789

Ion Ratio Lower Upper

95 100

174 95.7 0.0 183.6

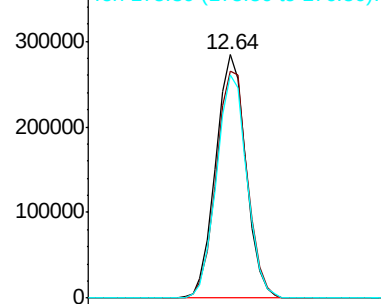
176 92.3 0.0 180.2



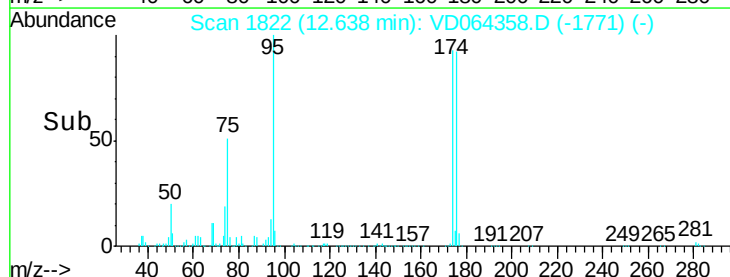
Abundance Ion 94.90 (94.60 to 95.60): VDC

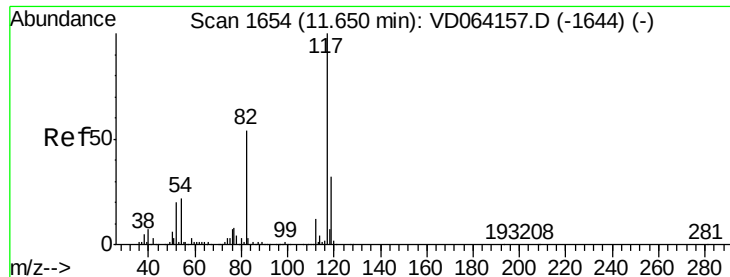
Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC



Time-->

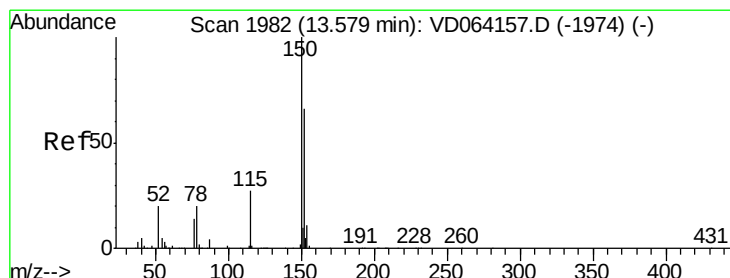
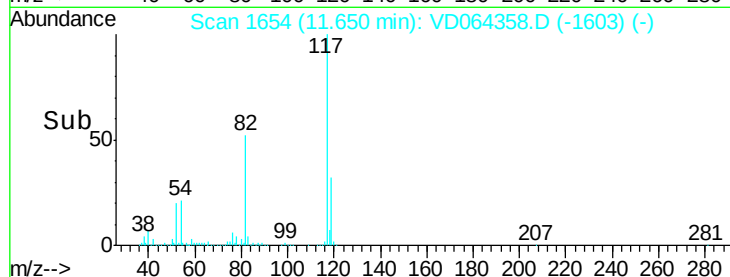
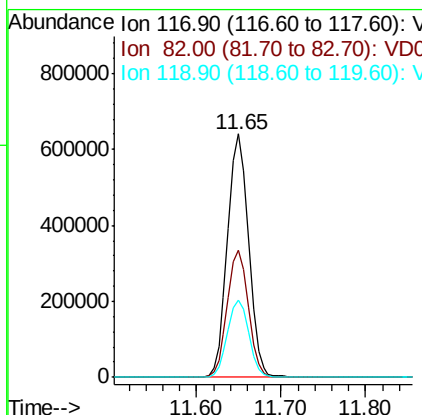
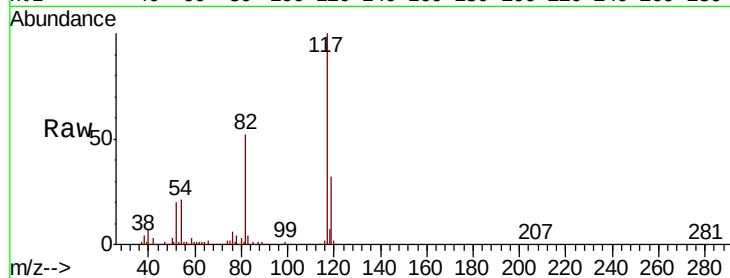




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064358.D
Acq: 25 Nov 2019 14:06

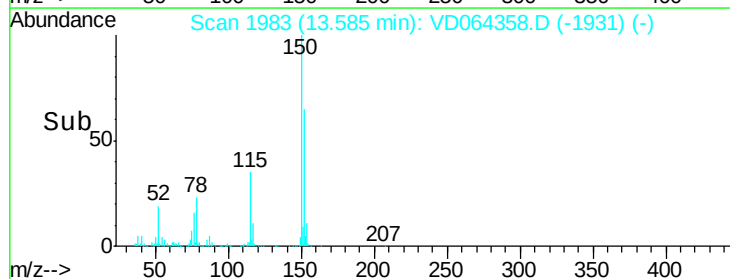
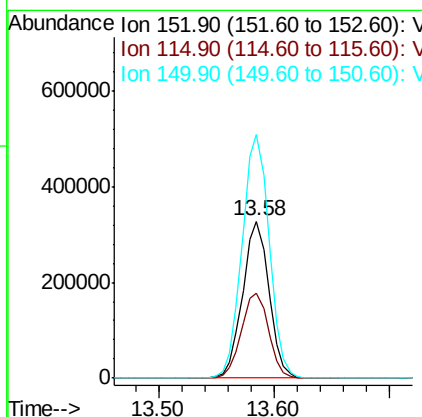
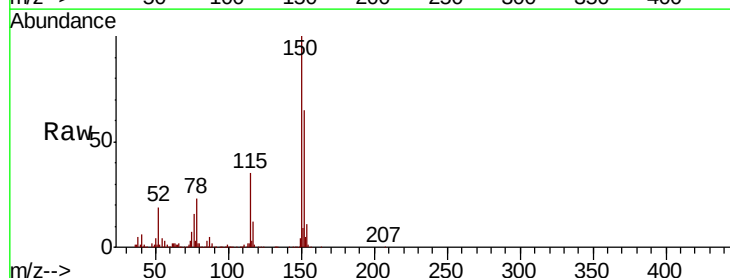
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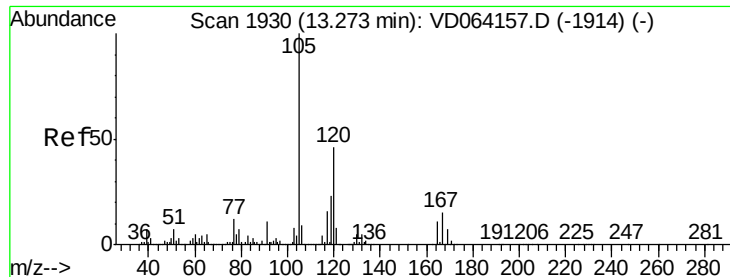
Tot Ion:117 Resp: 1105883
Ion Ratio Lower Upper
117 100
82 52.1 42.8 64.2
119 31.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064358.D
Acq: 25 Nov 2019 14:06

Tgt Ion:152 Resp: 522038
Ion Ratio Lower Upper
152 100
115 56.3 27.4 82.2
150 158.7 0.0 351.6

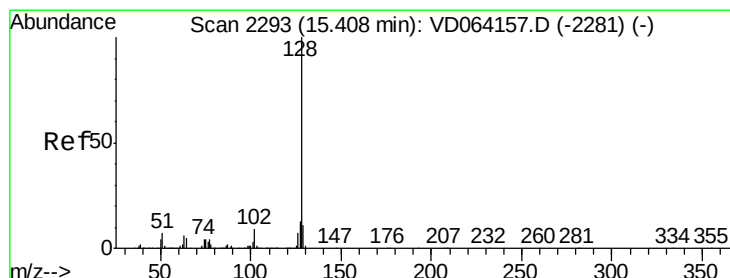
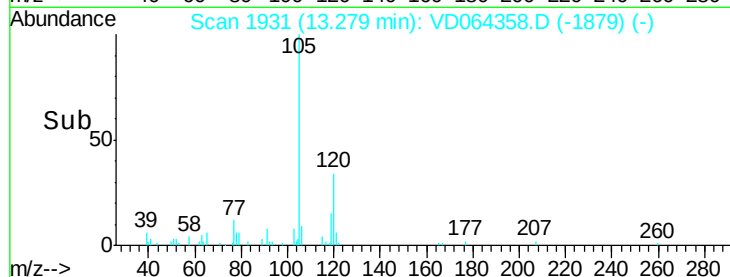
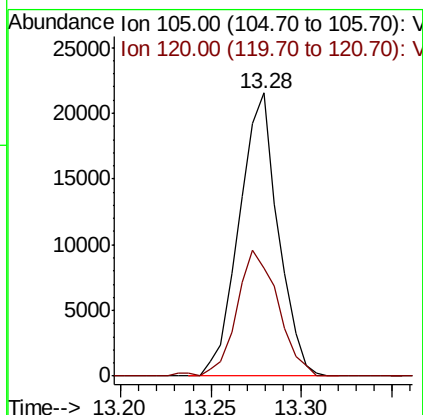
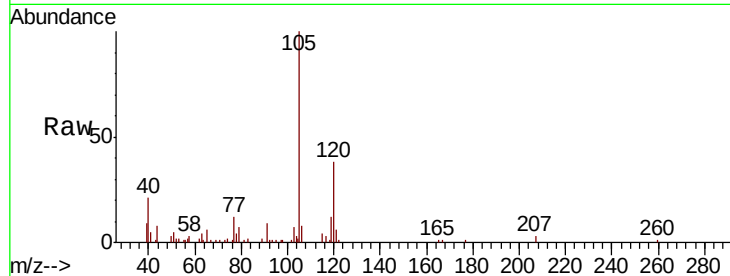




#84
 1,2,4-Trimethylbenzene
 Concen: 1.033 ug/l
 RT: 13.28 min Scan# 1931
 Delta R.T. 0.01 min
 Lab File: VD064358.D
 Acq: 25 Nov 2019 14:06

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-112219

Tot Ion:105 Resp: 32111
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.3 69.8



#95
 Naphthalene
 Concen: 1.258 ug/l
 RT: 15.41 min Scan# 2294
 Delta R.T. 0.01 min
 Lab File: VD064358.D
 Acq: 25 Nov 2019 14:06

Tgt Ion:128 Resp: 23268
 Ion Ratio Lower Upper
 128 100
 127 14.1 10.5 15.7
 129 11.3 8.6 13.0

