

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082319\
 Data File : VD063776.D
 Acq On : 23 Aug 2019 19:43
 Operator : JC/SY
 Sample : K4090-13
 Misc : 5.96g/5ml/MSVOA D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-082219

Quant Time: Aug 26 11:44:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

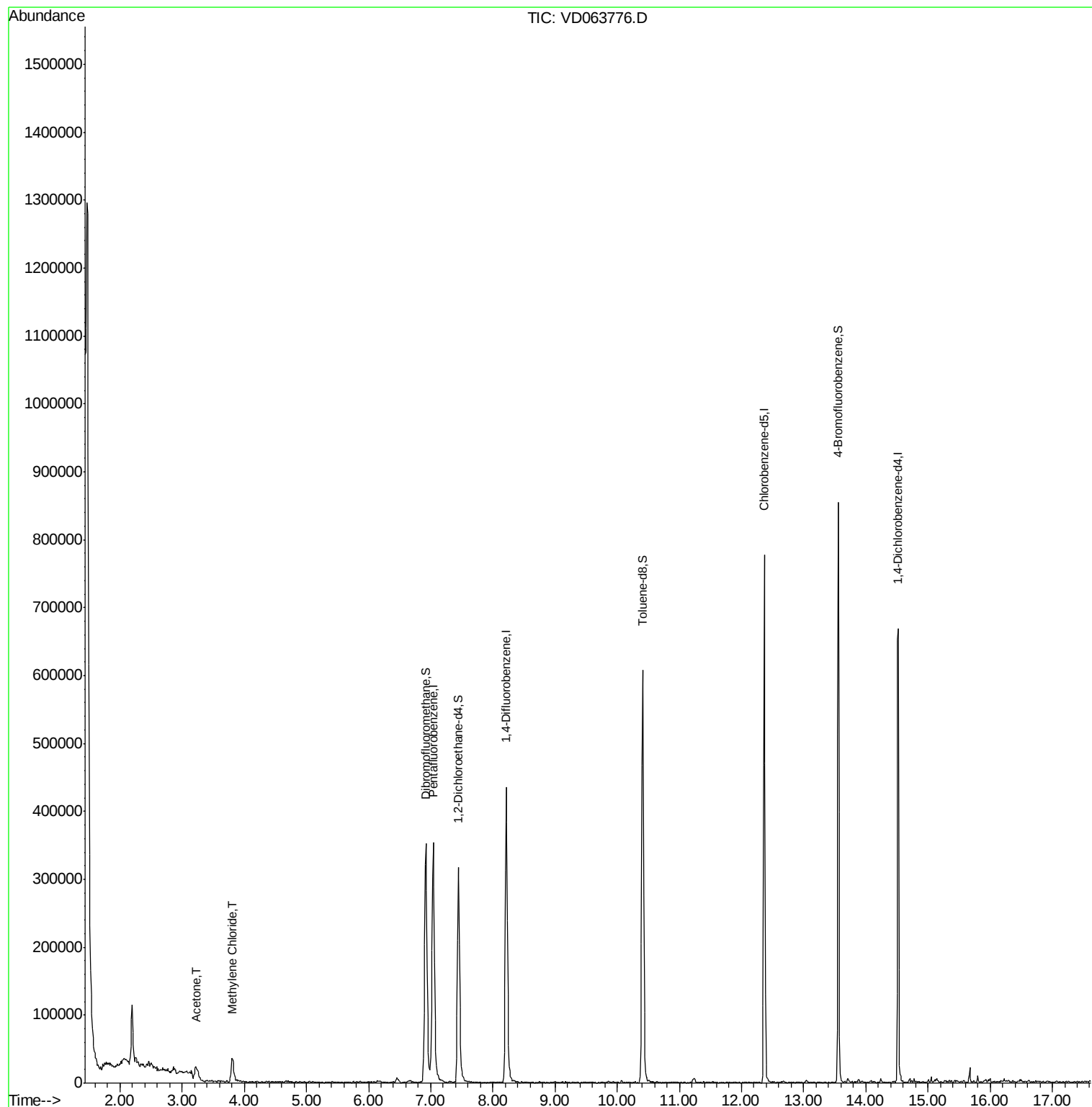
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	334953	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	455899	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	397397	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	162456	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	351462	98.16	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	196.32%	
35) Dibromofluoromethane	6.92	113	305106	79.46	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	158.92%	
50) Toluene-d8	10.41	98	511406	60.58	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	121.16%	
62) 4-Bromofluorobenzene	13.56	95	224898	58.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.56%	
Target Compounds						
16) Acetone	3.22	43	39135	53.770	ug/l	96
20) Methylene Chloride	3.80	84	22163	7.042	ug/l	92

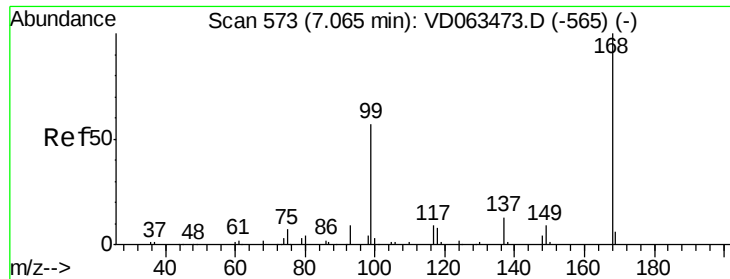
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.02 min

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ClientSampleId :

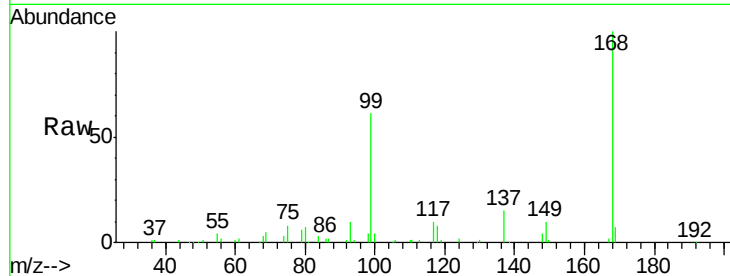
OR-03-082219

Tot Ion:168 Resp: 334953

Ion Ratio Lower Upper

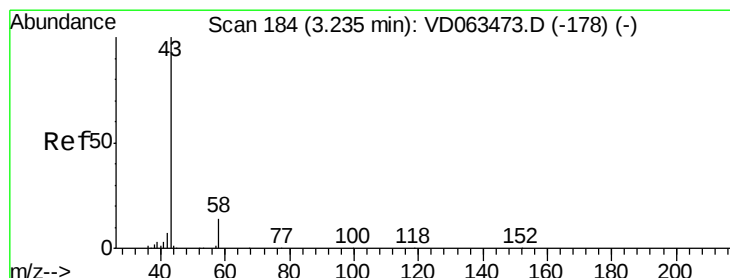
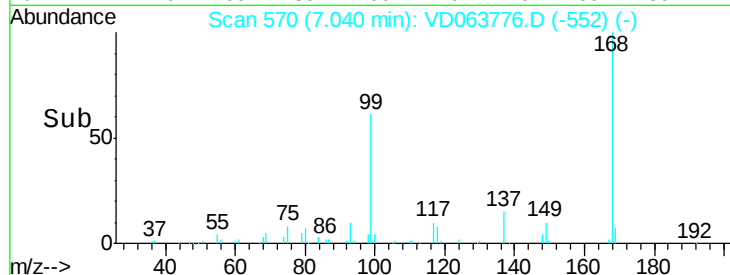
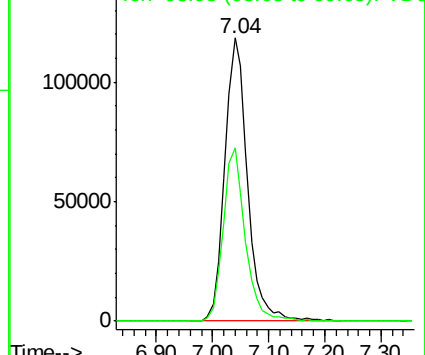
168 100

99 61.3 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 53.770 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.02 min

Lab File: VD063776.D

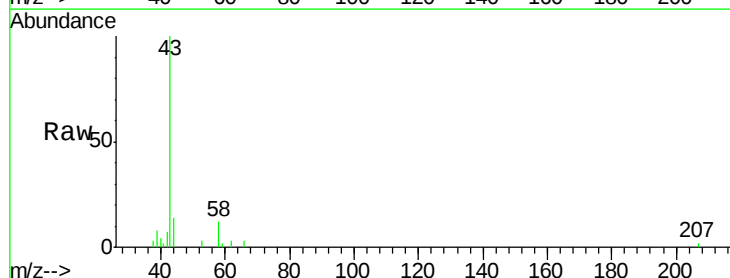
Acq: 23 Aug 2019 19:43

Tgt Ion: 43 Resp: 39135

Ion Ratio Lower Upper

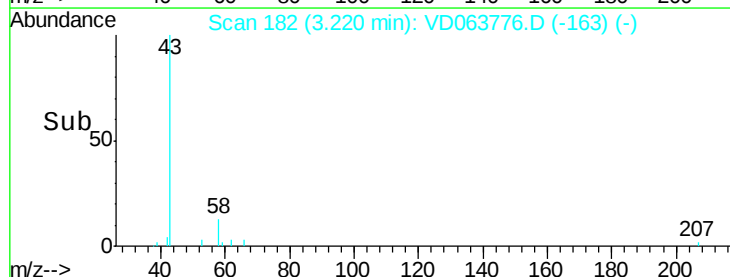
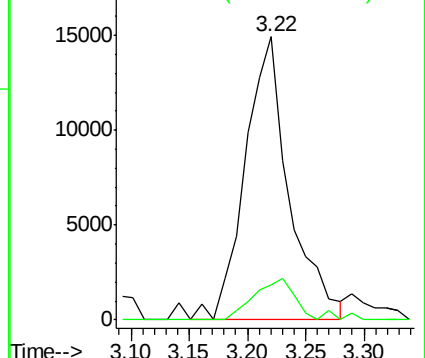
43 100

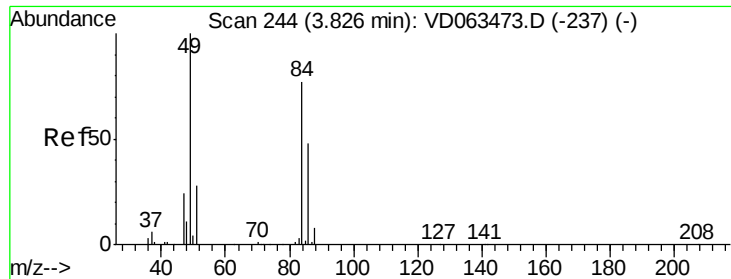
58 12.5 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

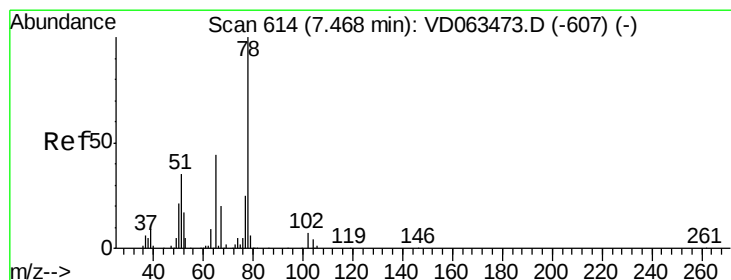
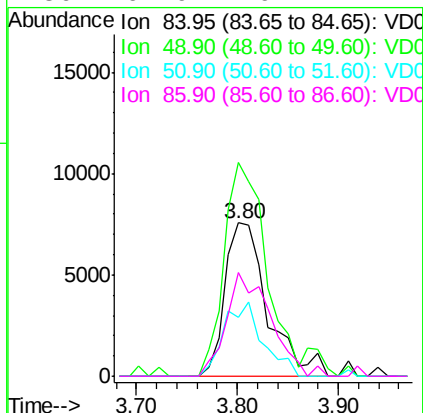
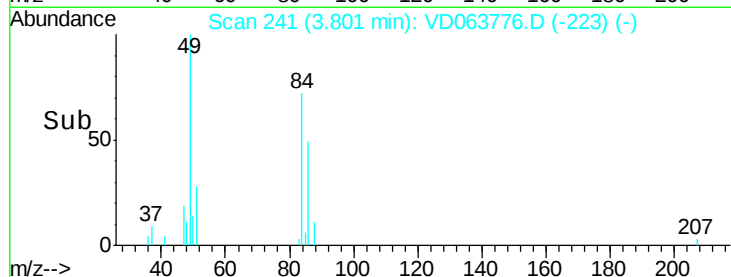
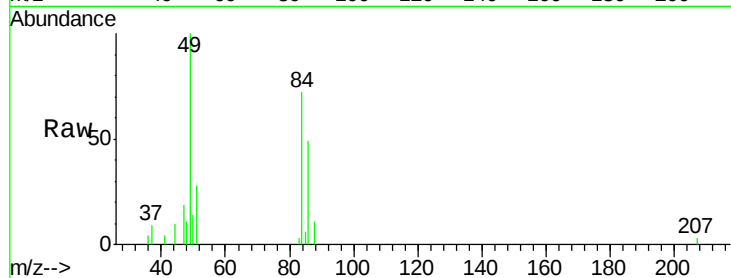




#20
Methylene Chloride
Concen: 7.042 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.02 min
Lab File: VD063776.D
Acq: 23 Aug 2019 19:43

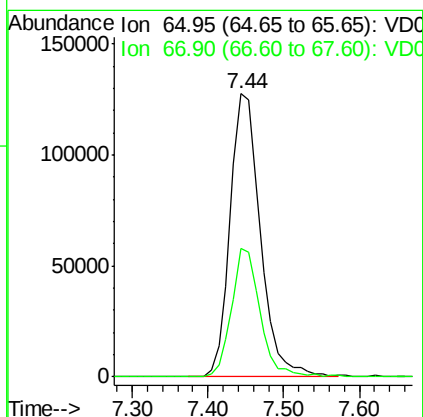
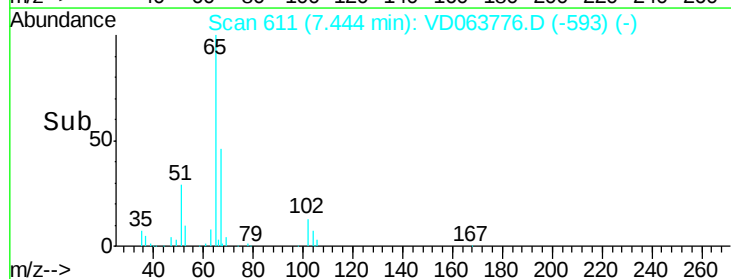
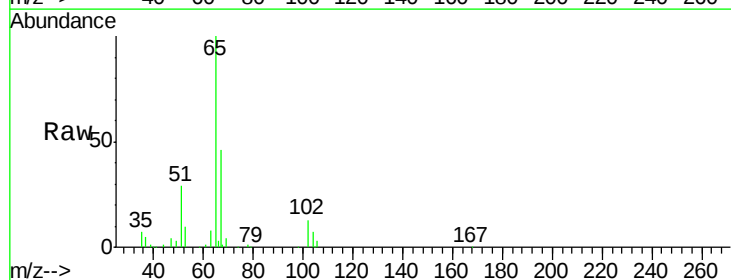
Instrument :
MSVOA_D
ClientSampleId :
OR-03-082219

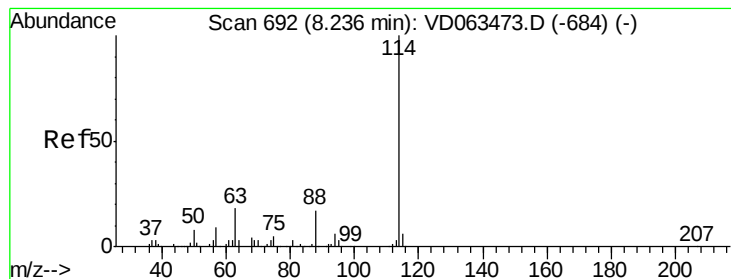
Tot Ion: 84 Resp: 22163
Ion Ratio Lower Upper
84 100
49 139.3 103.4 155.2
51 38.7 28.5 42.7
86 67.9 49.4 74.2



#33
1,2-Dichloroethane-d4
Concen: 98.163 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.02 min
Lab File: VD063776.D
Acq: 23 Aug 2019 19:43

Tgt Ion: 65 Resp: 351462
Ion Ratio Lower Upper
65 100
67 45.6 0.0 89.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.02 min

Lab File: VD063776.D

Acq: 23 Aug 2019 19:43

Instrument :

MSVOA_D

ClientSampleId :

OR-03-082219

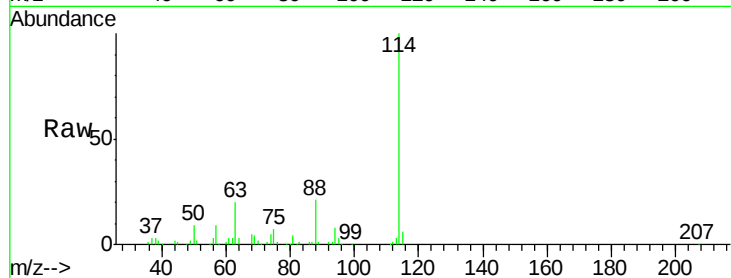
Tot Ion:114 Resp: 455899

Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.2

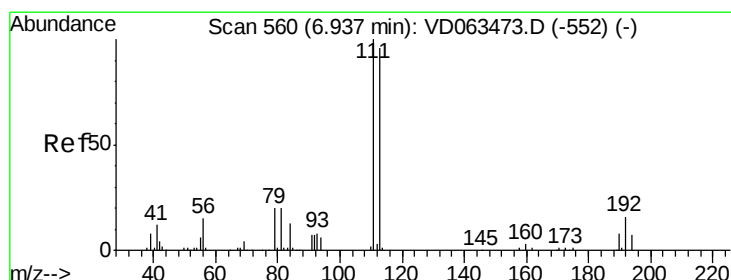
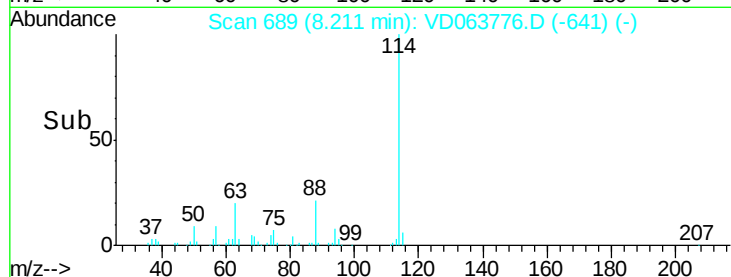
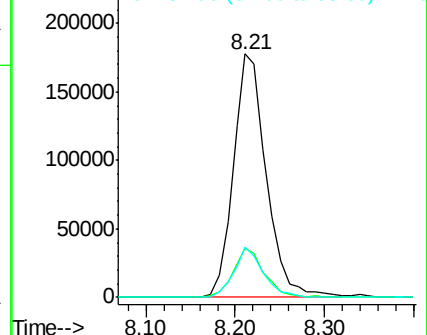
88 20.5 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 79.463 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063776.D

Acq: 23 Aug 2019 19:43

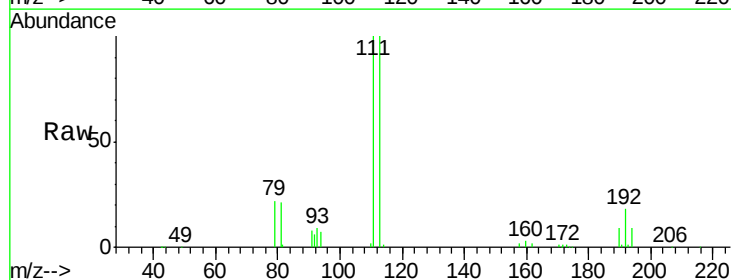
Tgt Ion:113 Resp: 305106

Ion Ratio Lower Upper

113 100

111 99.7 83.1 124.7

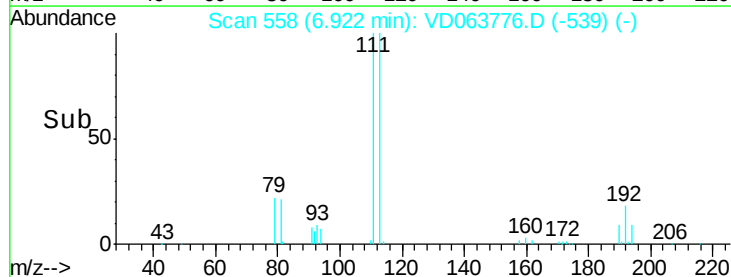
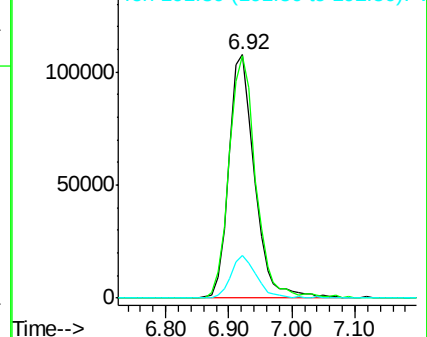
192 17.7 13.1 19.7

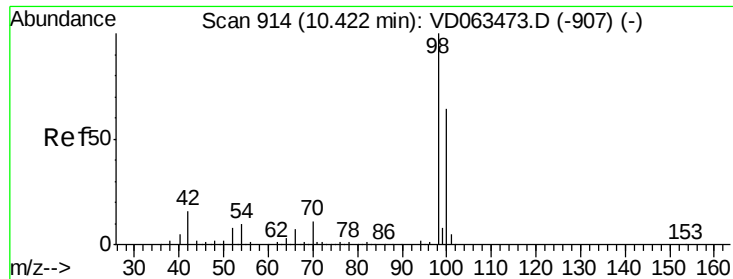


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

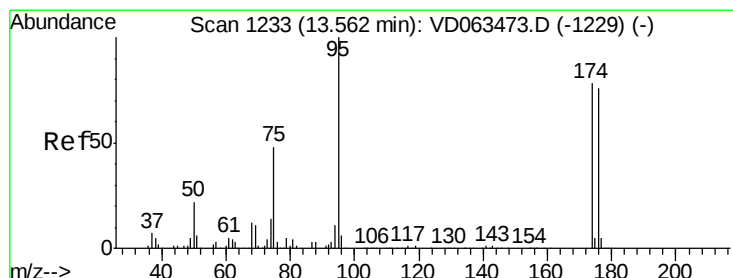
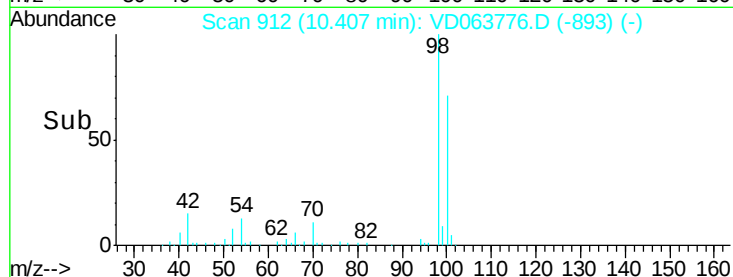
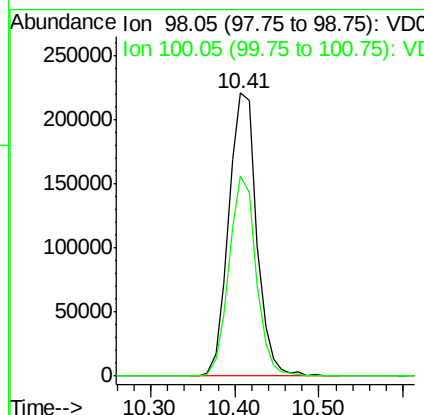
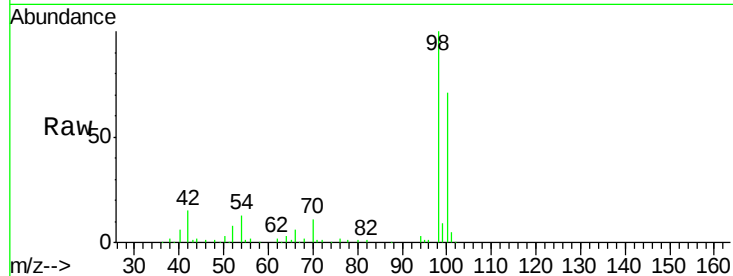




#50
Toluene-d8
Concen: 60.582 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.02 min
Lab File: VD063776.D
Acq: 23 Aug 2019 19:43

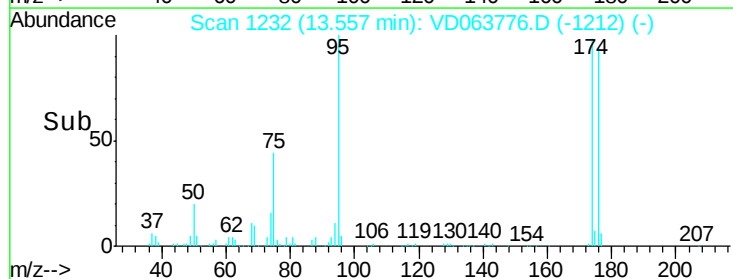
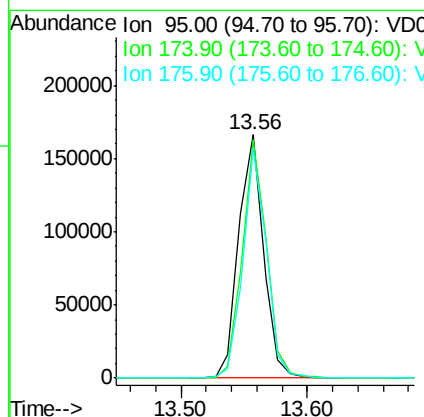
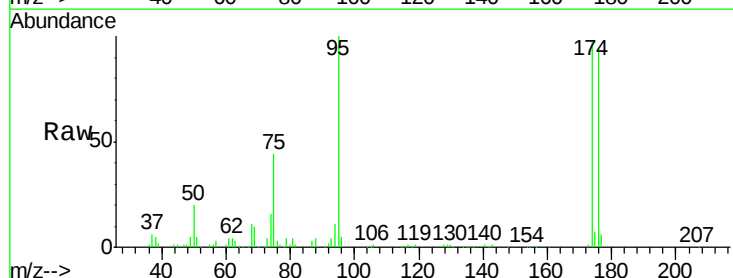
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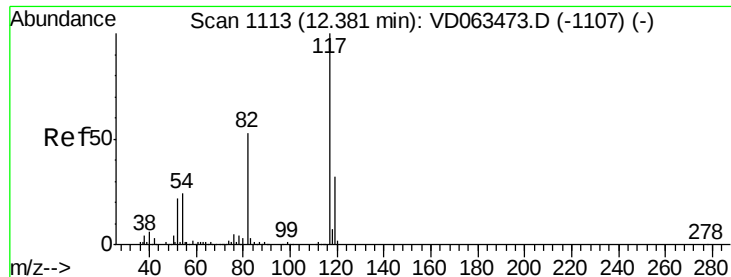
Tot Ion: 98 Resp: 511406
Ion Ratio Lower Upper
98 100
100 70.5 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 58.780 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063776.D
Acq: 23 Aug 2019 19:43

Tgt Ion: 95 Resp: 224898
Ion Ratio Lower Upper
95 100
174 98.0 0.0 155.4
176 94.2 0.0 152.4

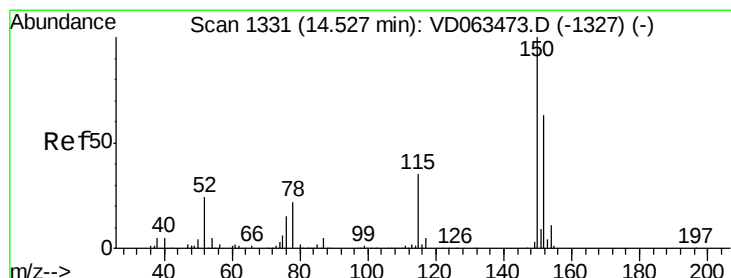
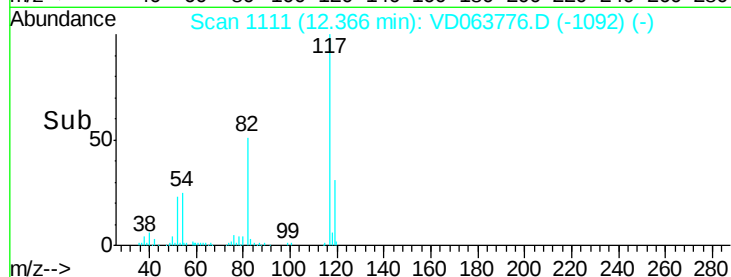
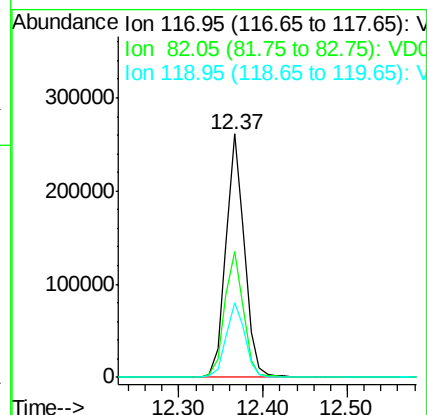
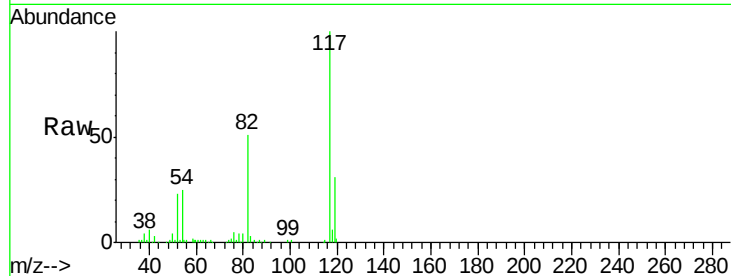




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063776.D
Acq: 23 Aug 2019 19:43

Instrument :
MSVOA_D
ClientSampleId :
OR-03-082219

Tot Ion:117 Resp: 397397
Ion Ratio Lower Upper
117 100
82 51.5 42.0 63.0
119 30.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063776.D
Acq: 23 Aug 2019 19:43

Tgt Ion:152 Resp: 162456
Ion Ratio Lower Upper
152 100
115 52.9 30.9 92.7
150 164.7 0.0 318.6

