

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080819\
 Data File : VD063445.D
 Acq On : 8 Aug 2019 18:19
 Operator : JC/SY
 Sample : K4092-01RE
 Misc : 6.65g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-080719-ARE

Quant Time: Aug 09 07:45:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

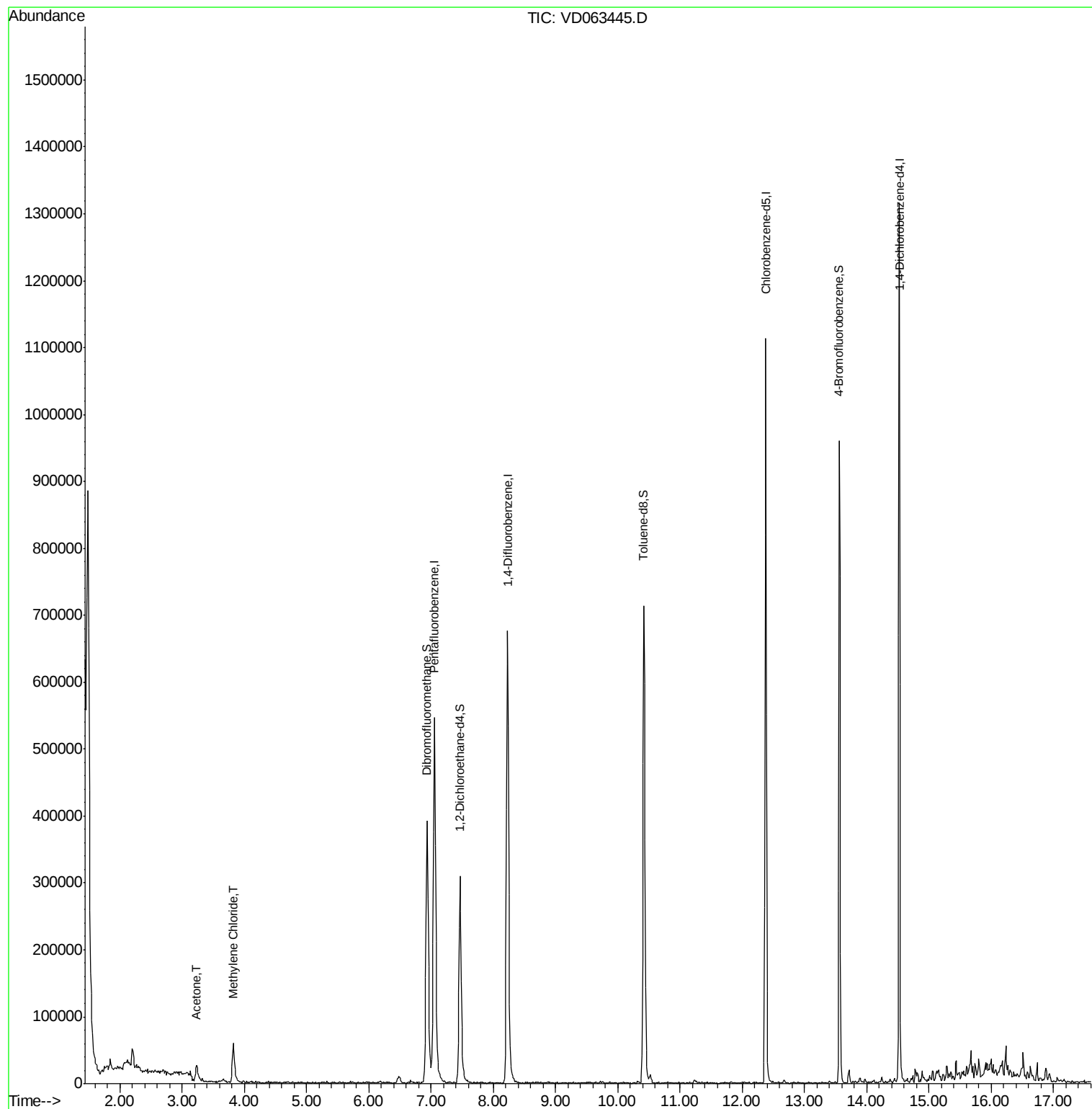
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	525094	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	766668	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	579341	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	266640	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	340366	58.42	ug/l	0.02
Spiked Amount 50.000			Recovery	=	116.84%	
35) Dibromofluoromethane	6.94	113	348151	53.19	ug/l	0.03
Spiked Amount 50.000			Recovery	=	106.38%	
50) Toluene-d8	10.42	98	573736	39.16	ug/l	0.01
Spiked Amount 50.000			Recovery	=	78.32%	
62) 4-Bromofluorobenzene	13.56	95	265371	39.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.50%	
Target Compounds						
16) Acetone	3.23	43	51724	45.563	ug/l	97
20) Methylene Chloride	3.82	84	33461	7.292	ug/l #	89

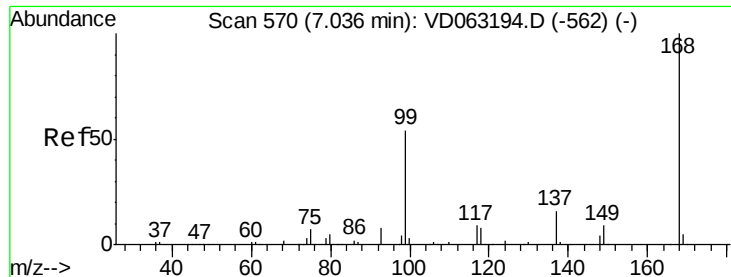
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD063445.D

Acq: 8 Aug 2019 18:19

Instrument :

MSVOA_D

ClientSampleId :

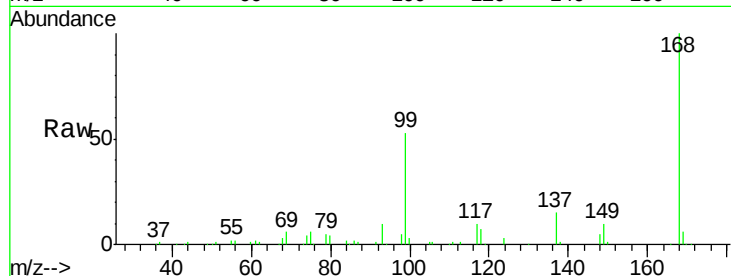
EO-01-080719-ARE

Tot Ion:168 Resp: 525094

Ion Ratio Lower Upper

168 100

99 52.7 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

200000

150000

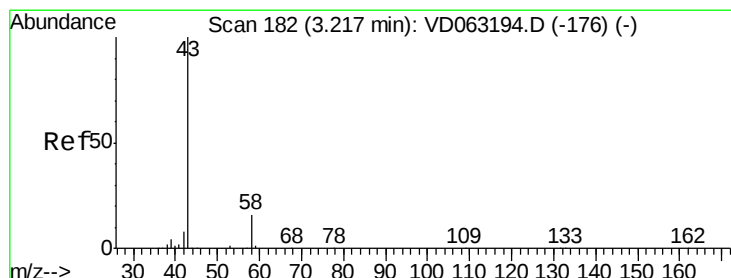
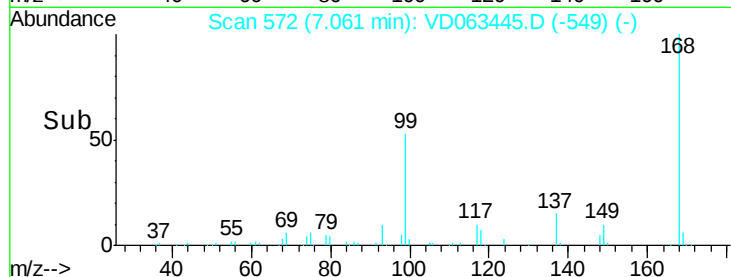
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 45.563 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD063445.D

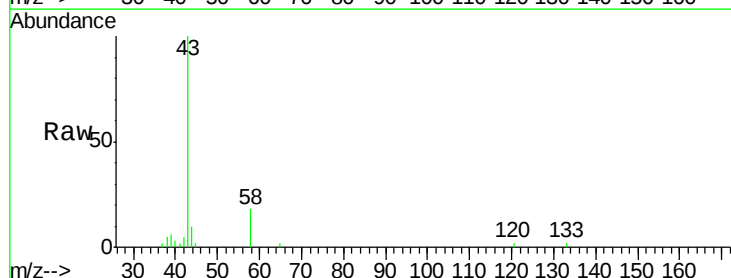
Acq: 8 Aug 2019 18:19

Tgt Ion: 43 Resp: 51724

Ion Ratio Lower Upper

43 100

58 17.6 13.0 19.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

20000

15000

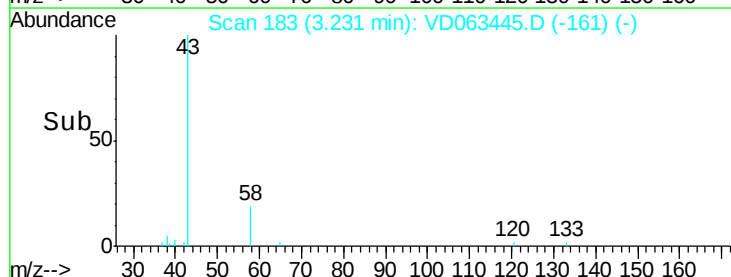
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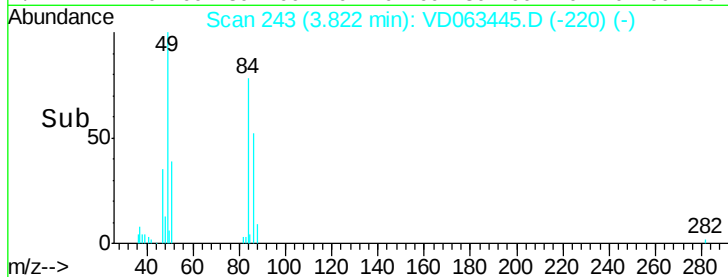
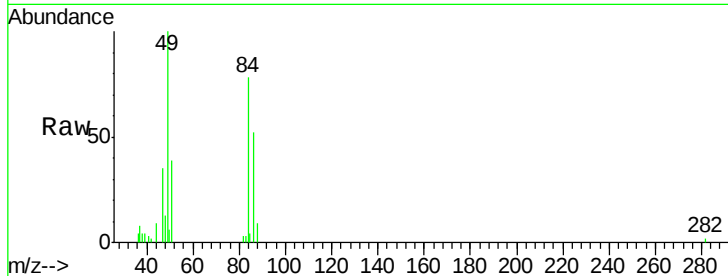
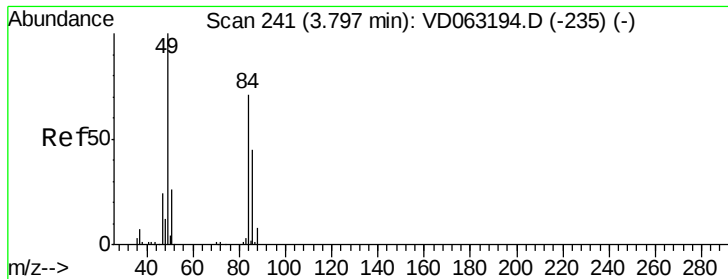
5000

0

Time-->

3.10 3.20 3.30 3.40

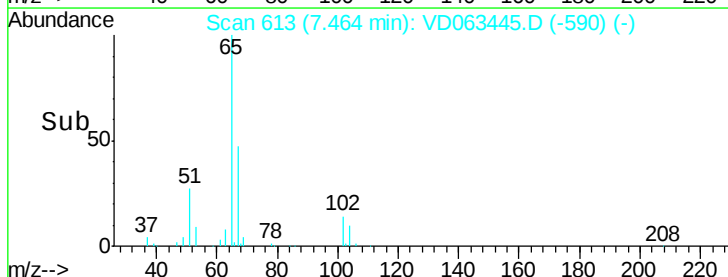
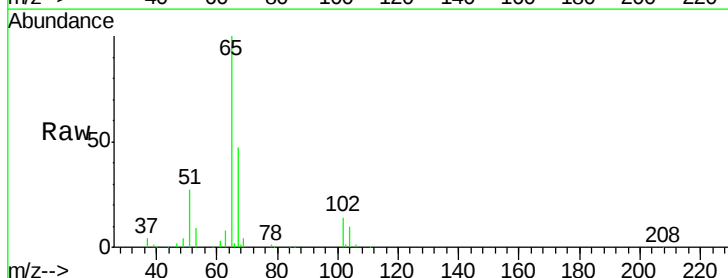
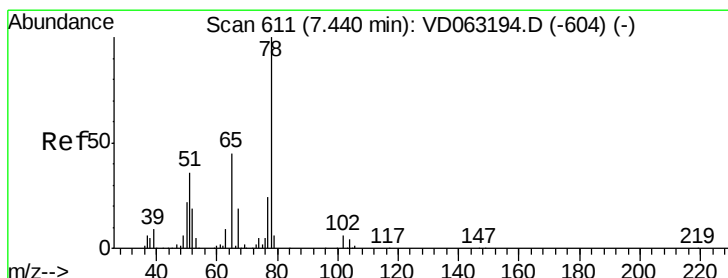
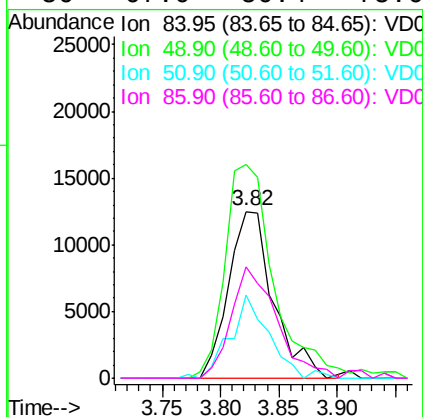




#20
Methvlene Chloride
Concen: 7.292 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.02 min
Lab File: VD063445.D
Acq: 8 Aug 2019 18:19

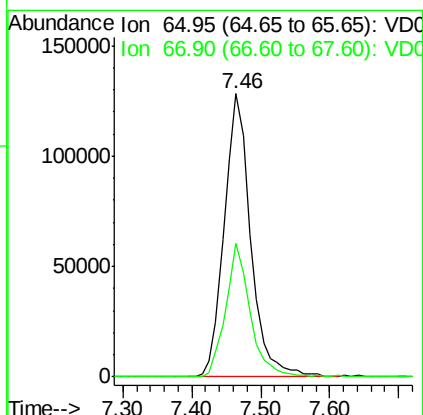
Instrument :
MSVOA_D
ClientSampleId :
EO-01-080719-ARE

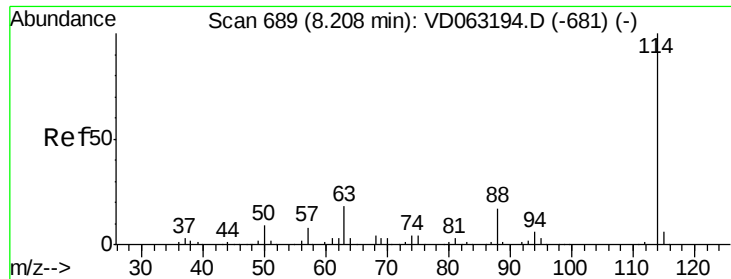
Tot Ion: 84 Resp: 33461
Ion Ratio Lower Upper
84 100
49 127.8 112.5 168.7
51 49.7 29.6 44.4#
86 67.0 50.4 75.6



#33
1,2-Dichloroethane-d4
Concen: 58.418 ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.02 min
Lab File: VD063445.D
Acq: 8 Aug 2019 18:19

Tgt Ion: 65 Resp: 340366
Ion Ratio Lower Upper
65 100
67 47.4 0.0 85.8

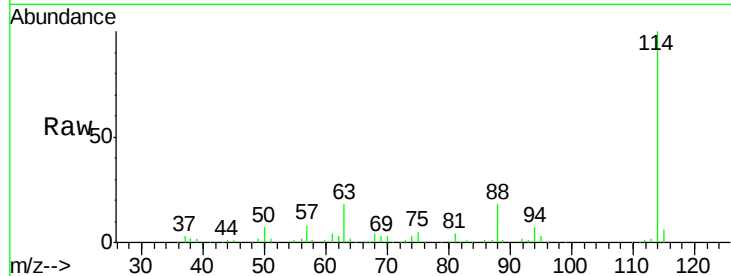




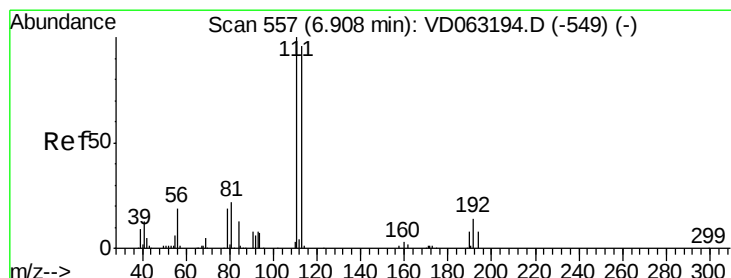
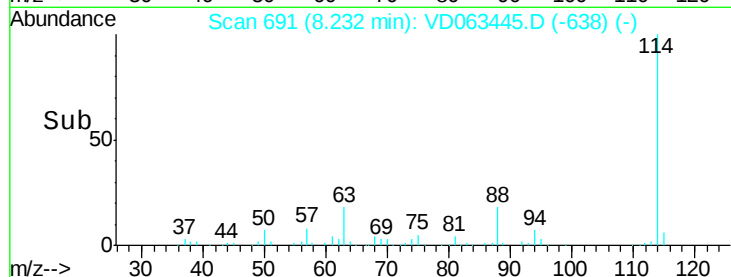
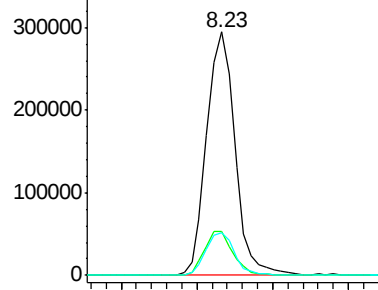
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.02 min
 Lab File: VD063445.D
 Acq: 8 Aug 2019 18:19

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-080719-ARE

Tot Ion:114 Resp: 766668
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 35.2
 88 17.5 0.0 34.6

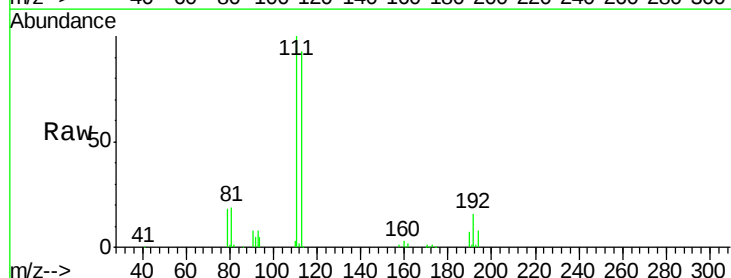


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

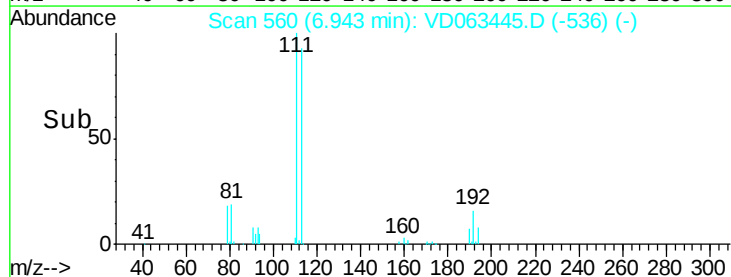
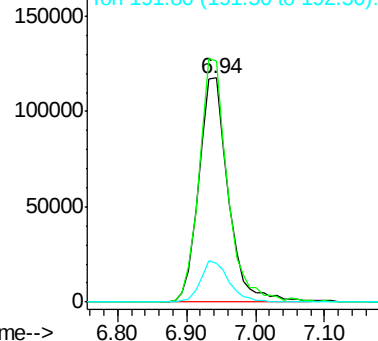


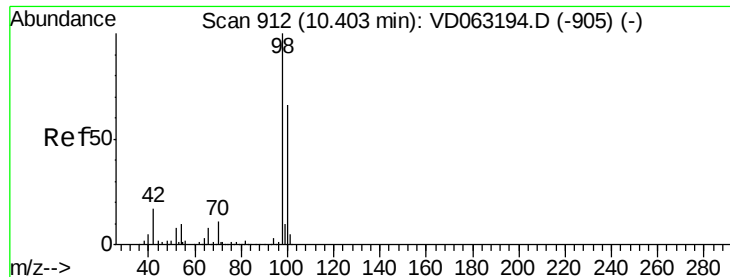
#35
 Dibromofluoromethane
 Concen: 53.188 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.03 min
 Lab File: VD063445.D
 Acq: 8 Aug 2019 18:19

Tgt Ion:113 Resp: 348151
 Ion Ratio Lower Upper
 113 100
 111 107.6 83.2 124.8
 192 17.4 11.8 17.8



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: 39.165 ug/l

RT: 10.42 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD063445.D

Acq: 8 Aug 2019 18:19

Instrument :

MSVOA_D

ClientSampleId :

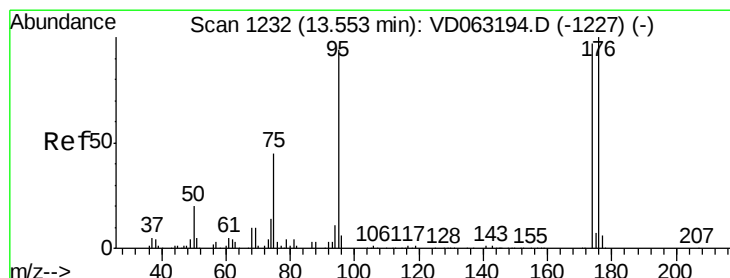
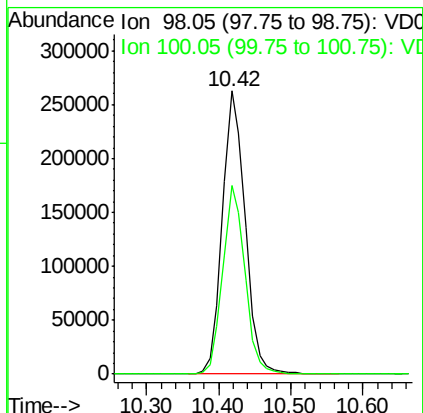
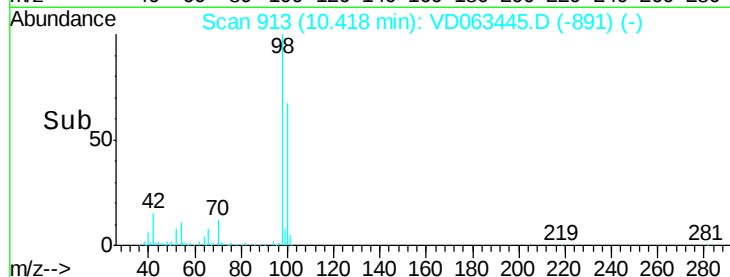
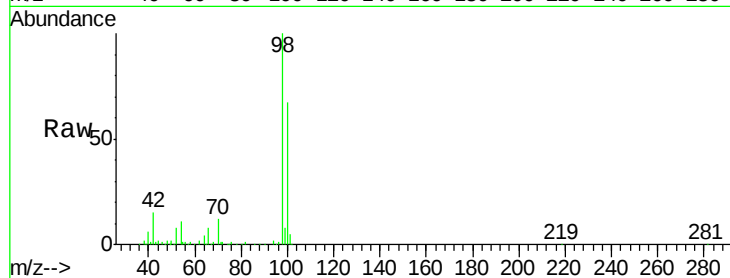
EO-01-080719-ARE

Tot Ion: 98 Resp: 573736

Ion Ratio Lower Upper

98 100

100 66.5 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 39.752 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063445.D

Acq: 8 Aug 2019 18:19

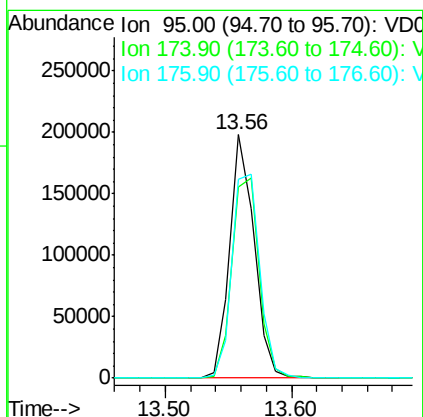
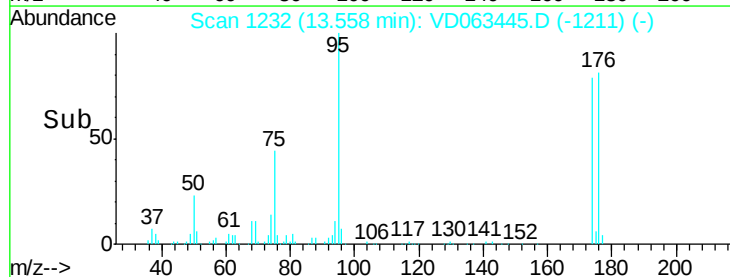
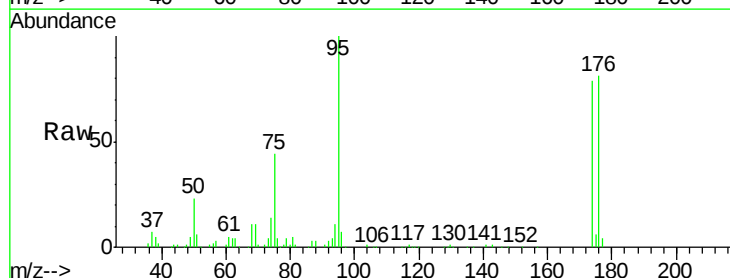
Tgt Ion: 95 Resp: 265371

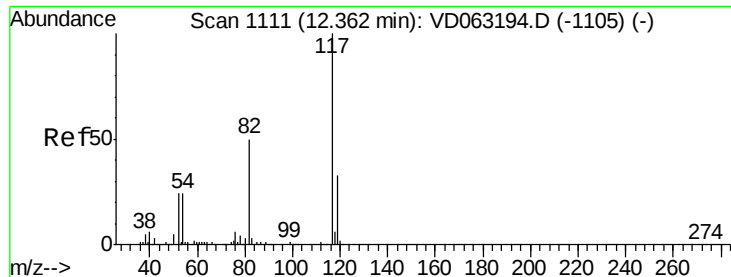
Ion Ratio Lower Upper

95 100

174 78.6 0.0 205.4

176 81.5 0.0 211.8

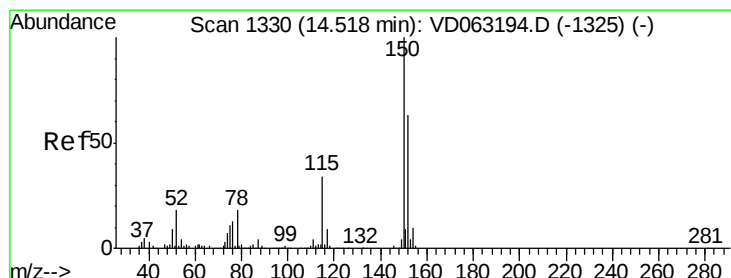
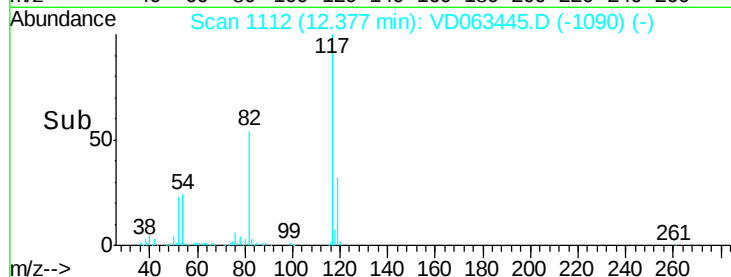
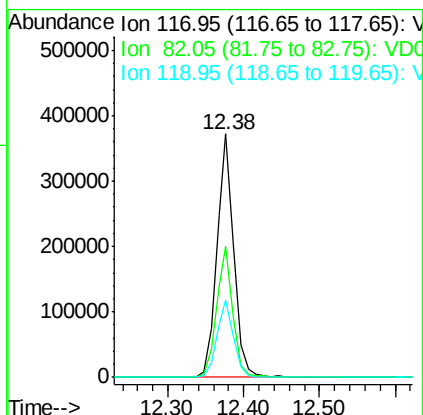
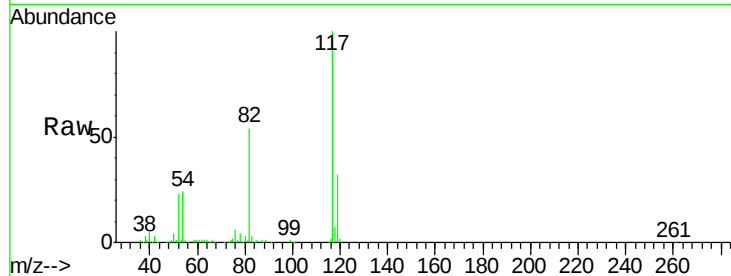




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD063445.D
Acq: 8 Aug 2019 18:19

Instrument :
MSVOA_D
ClientSampleId :
EO-01-080719-ARE

Tot Ion:117 Resp: 579341
Ion Ratio Lower Upper
117 100
82 53.7 40.1 60.1
119 32.0 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD063445.D
Acq: 8 Aug 2019 18:19

Tgt Ion:152 Resp: 266640
Ion Ratio Lower Upper
152 100
115 58.8 27.5 82.4
150 168.0 0.0 320.6

