

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071619\
 Data File : VD063110.D
 Acq On : 16 Jul 2019 16:54
 Operator : VA/AP
 Sample : K3623-01
 Misc : 6.10g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-071519-A

Quant Time: Jul 17 08:18:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 08:11:56 2019
 Response via : Initial Calibration

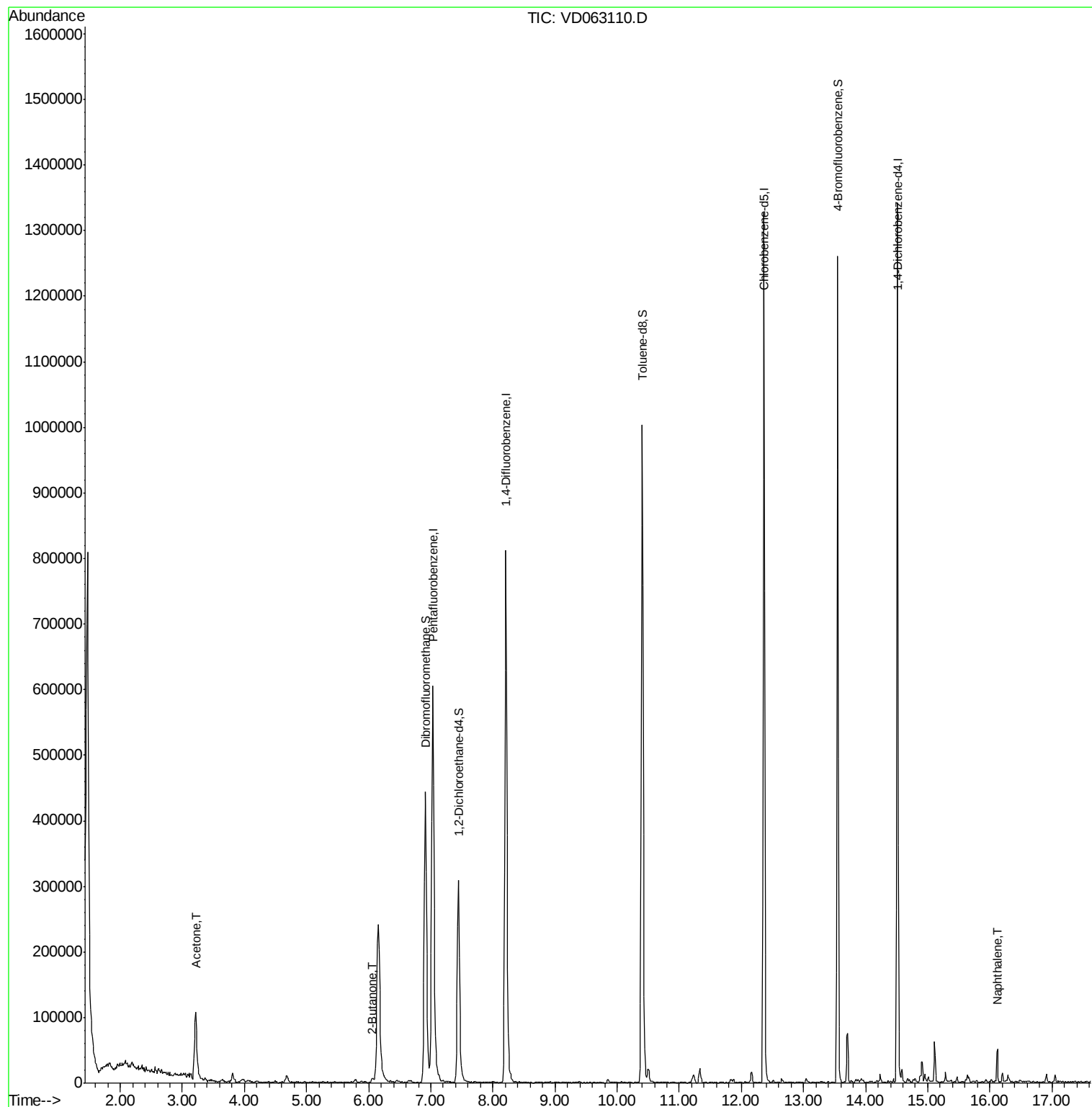
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	572371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	825947	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	687832	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	317536	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	358362	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
35) Dibromofluoromethane	6.92	113	386417	46.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.94%	
50) Toluene-d8	10.40	98	817133	46.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.48%	
62) 4-Bromofluorobenzene	13.55	95	348745	42.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.32%	
Target Compounds						
16) Acetone	3.22	43	217262	126.161	ug/l	97
25) 2-Butanone	6.07	43	13365	8.127	ug/l #	75
95) Naphthalene	16.12	128	30736	2.529	ug/l	99

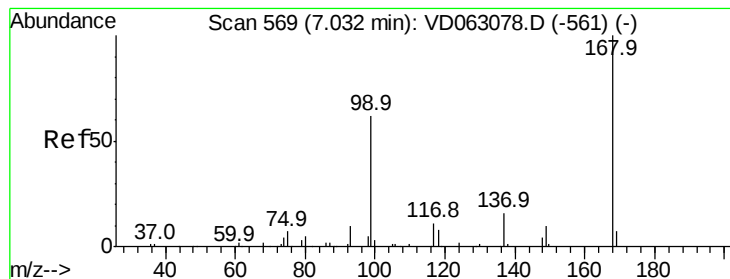
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD071619\
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Quant Title : SW846 8260
QLast Update : Tue Jul 16 08:11:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.00 min

Lab File: VD063110.D

Acq: 16 Jul 2019 16:54

Instrument :

MSVOA_D

ClientSampleId :

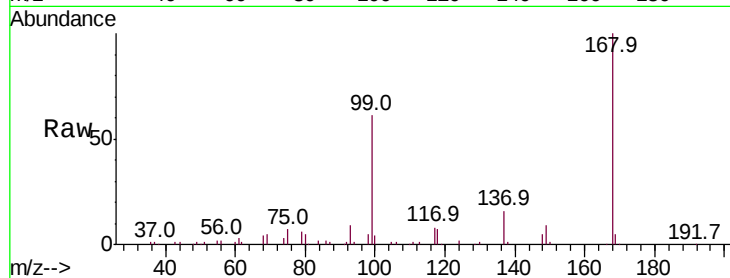
EO-02-071519-A

Tot Ion:168 Resp: 572371

Ion Ratio Lower Upper

168 100

99 60.9 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

250000

200000

150000

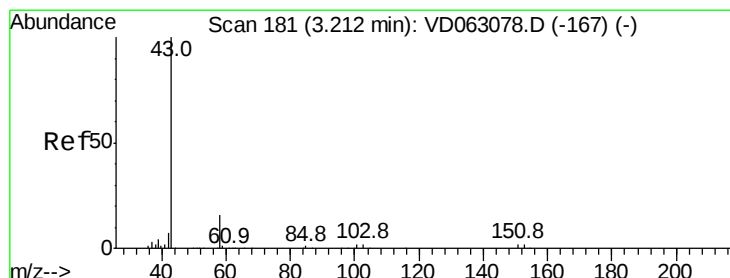
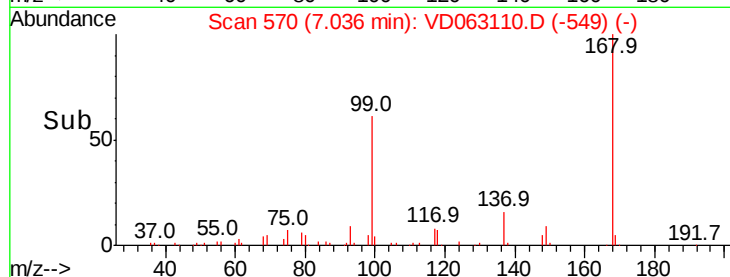
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 126.161 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.00 min

Lab File: VD063110.D

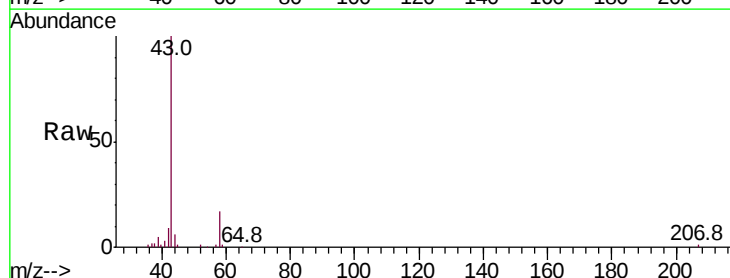
Acq: 16 Jul 2019 16:54

Tgt Ion: 43 Resp: 217262

Ion Ratio Lower Upper

43 100

58 17.3 13.0 19.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

80000

60000

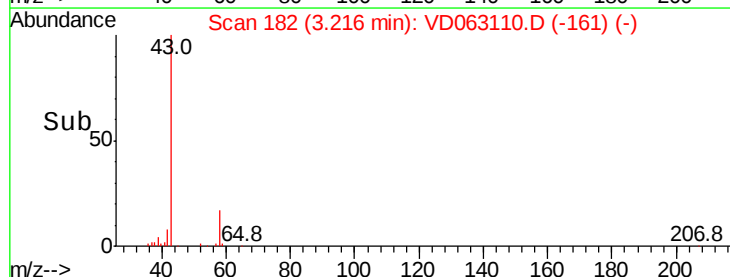
40000

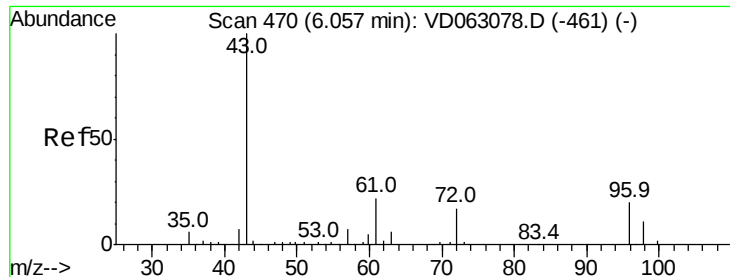
20000

0

Time-->

3.10 3.20 3.30 3.40





#25

2-Butanone

Concen: 8.127 ug/l

RT: 6.07 min Scan# 472

Delta R.T. 0.01 min

Lab File: VD063110.D

Acq: 16 Jul 2019 16:54

Instrument :

MSVOA_D

ClientSampleId :

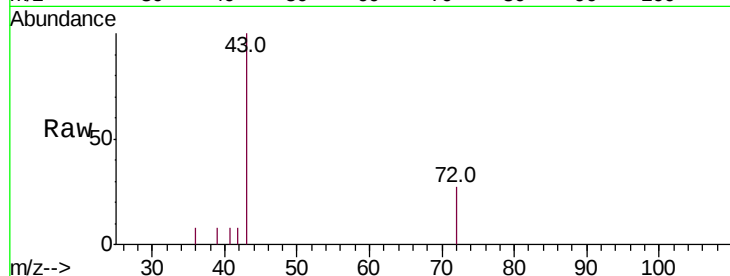
EO-02-071519-A

Tot Ion: 43 Resp: 13365

Ion Ratio Lower Upper

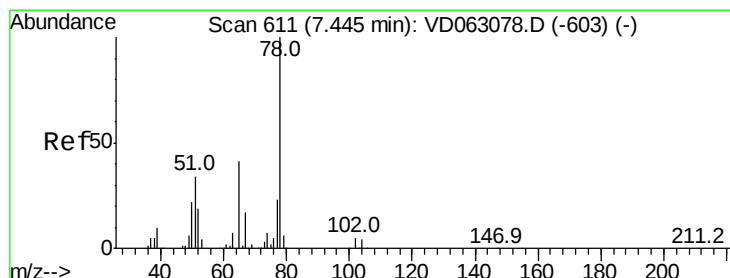
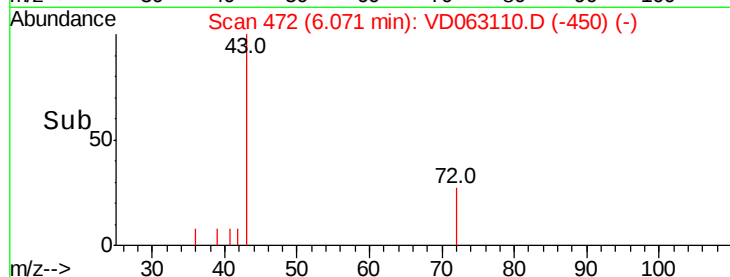
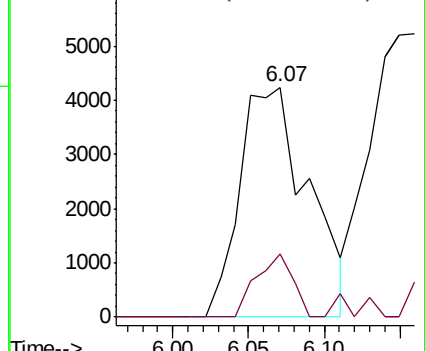
43 100

72 27.5 13.4 20.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 50.261 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.00 min

Lab File: VD063110.D

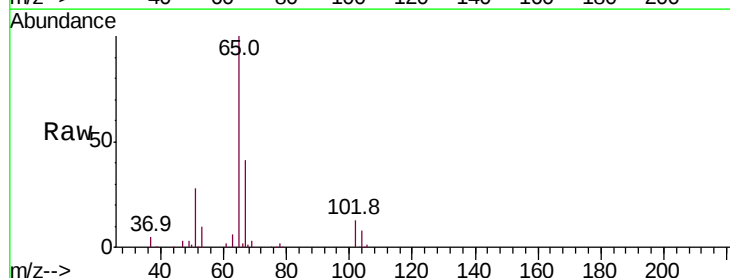
Acq: 16 Jul 2019 16:54

Tgt Ion: 65 Resp: 358362

Ion Ratio Lower Upper

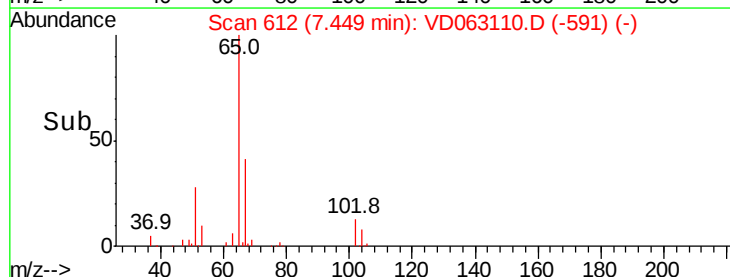
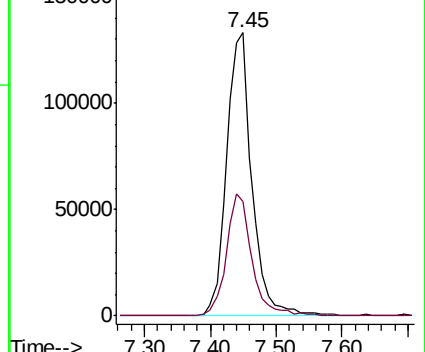
65 100

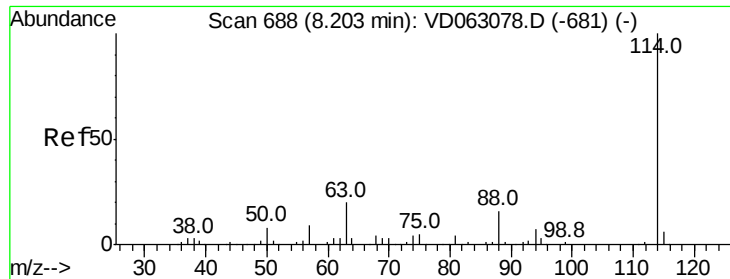
67 40.5 0.0 86.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

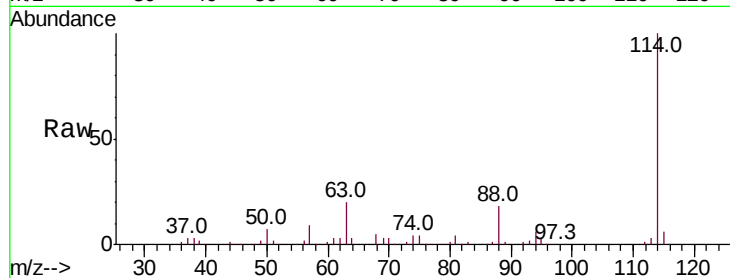




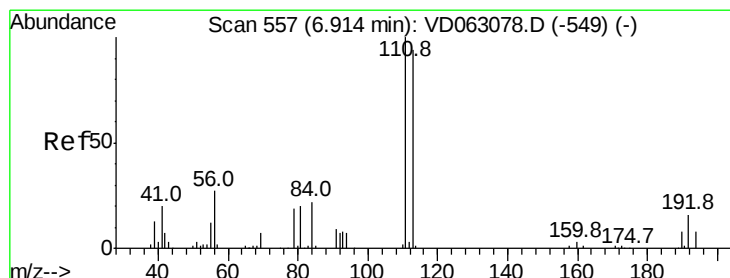
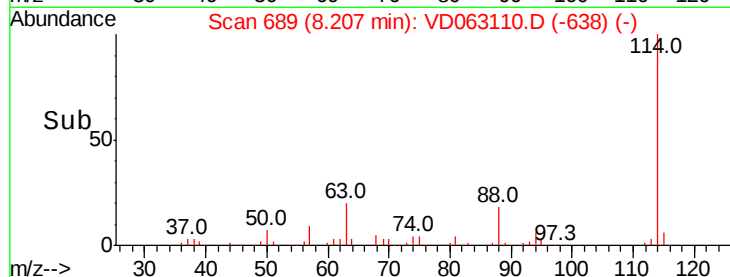
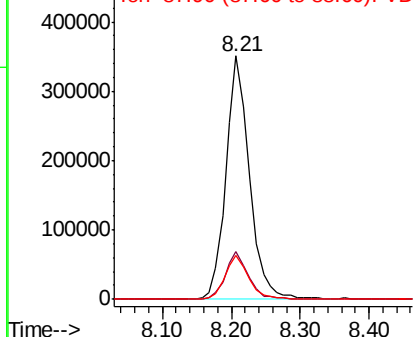
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: VD063110.D
 Acq: 16 Jul 2019 16:54

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-071519-A

Tot Ion:114 Resp: 825947
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.6
 88 17.8 0.0 32.6

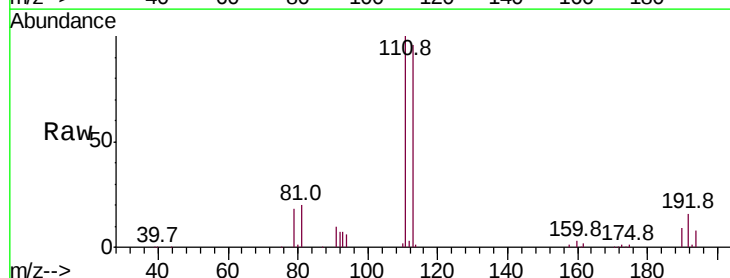


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

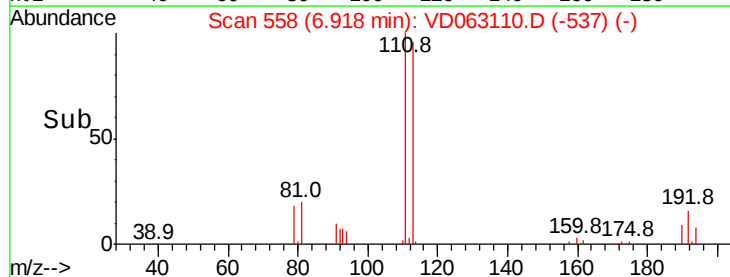
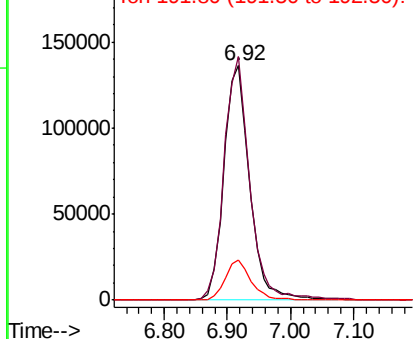


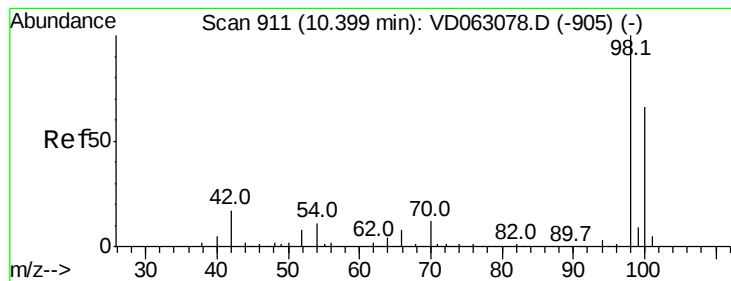
#35
 Dibromofluoromethane
 Concen: 46.971 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: VD063110.D
 Acq: 16 Jul 2019 16:54

Tgt Ion:113 Resp: 386417
 Ion Ratio Lower Upper
 113 100
 111 103.9 84.8 127.2
 192 17.0 13.4 20.0



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: 46.242 ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD063110.D

Acq: 16 Jul 2019 16:54

Instrument :

MSVOA_D

ClientSampleId :

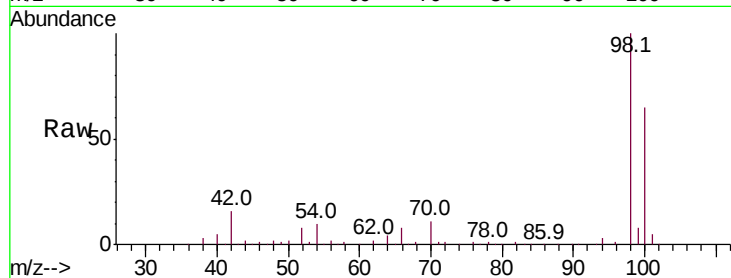
EO-02-071519-A

Tot Ion: 98 Resp: 817133

Ion Ratio Lower Upper

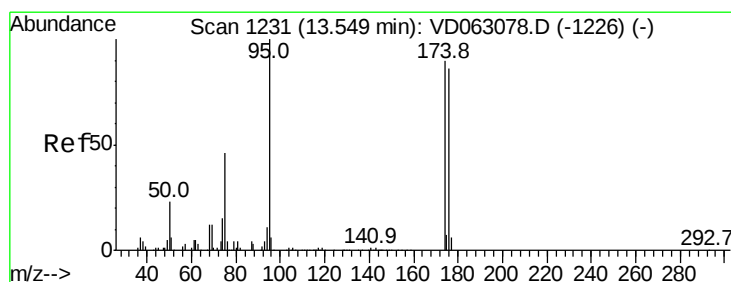
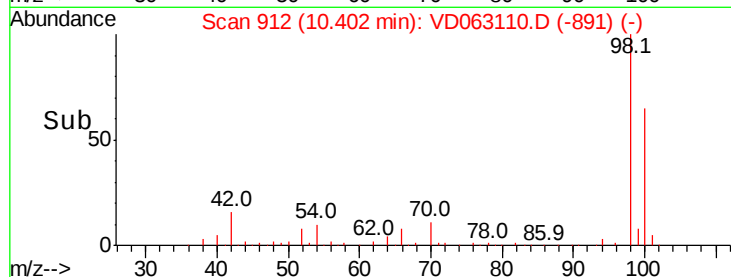
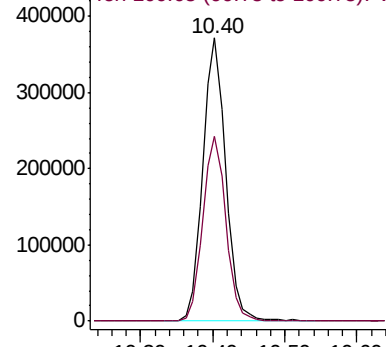
98 100

100 65.3 53.5 80.3



Abundance Ion 98.05 (97.75 to 98.75): VD0

Ion 100.05 (99.75 to 100.75): VD



#62

4-Bromofluorobenzene

Concen: 42.659 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063110.D

Acq: 16 Jul 2019 16:54

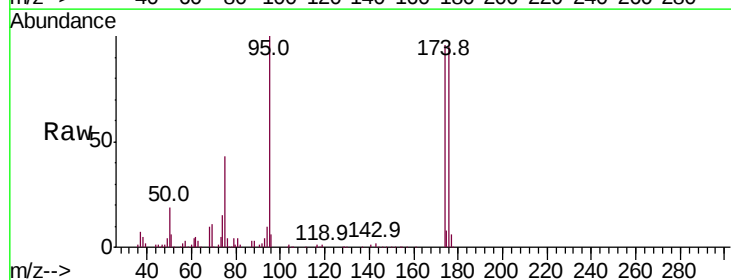
Tgt Ion: 95 Resp: 348745

Ion Ratio Lower Upper

95 100

174 95.7 0.0 180.6

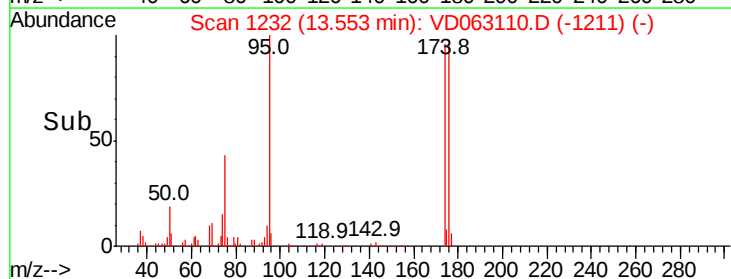
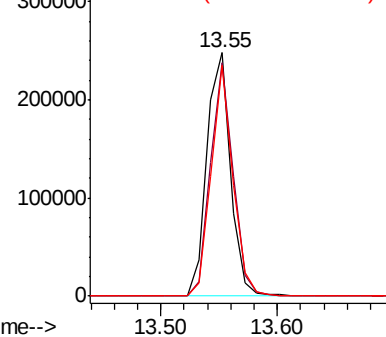
176 94.6 0.0 172.2

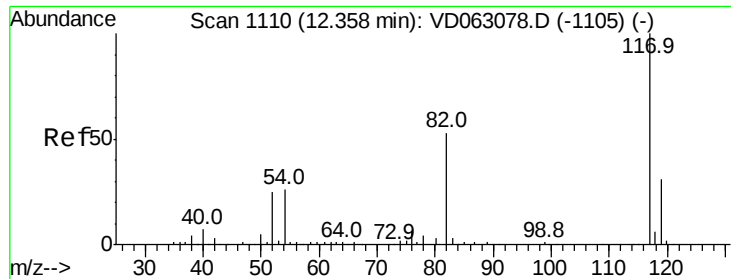


Abundance Ion 95.00 (94.70 to 95.70): VD0

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

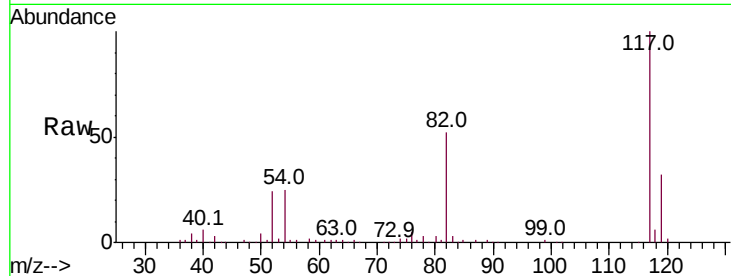




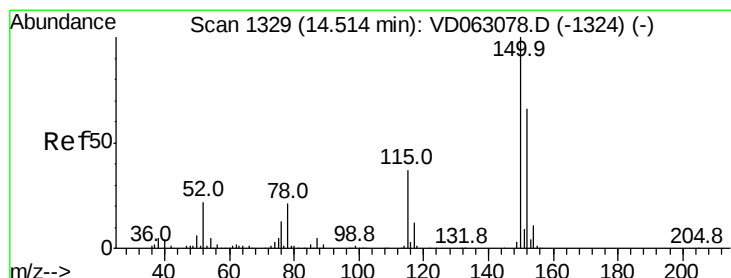
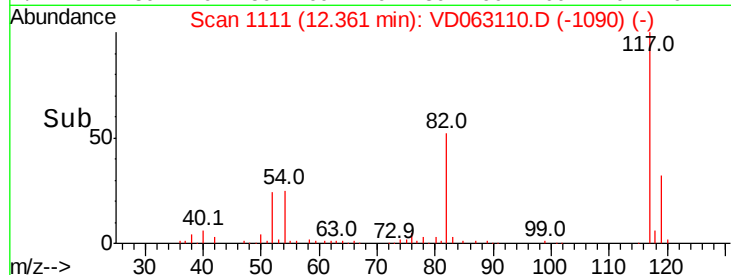
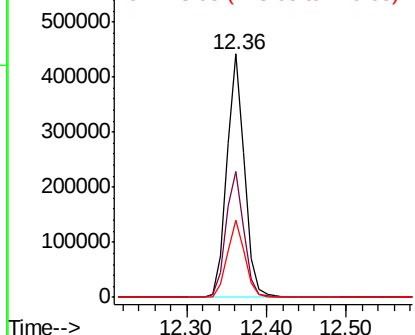
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063110.D
Acq: 16 Jul 2019 16:54

Instrument :
MSVOA_D
ClientSampleId :
EO-02-071519-A

Tot Ion:117 Resp: 687832
Ion Ratio Lower Upper
117 100
82 51.7 42.3 63.5
119 31.8 25.2 37.8

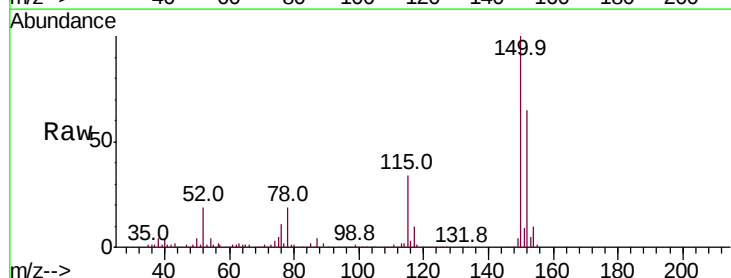


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

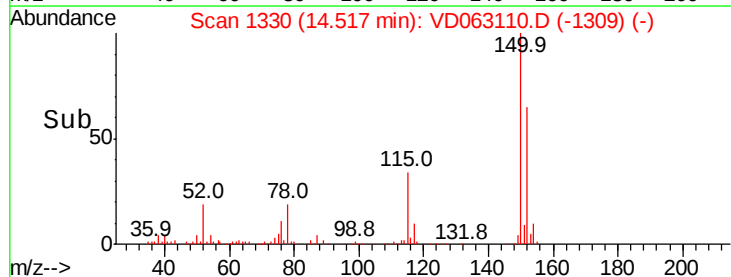
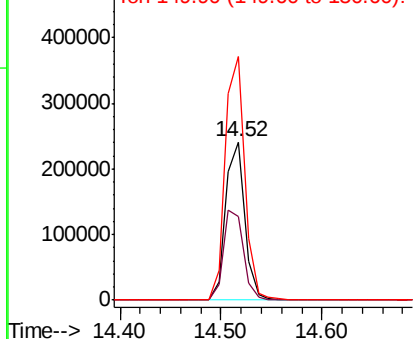


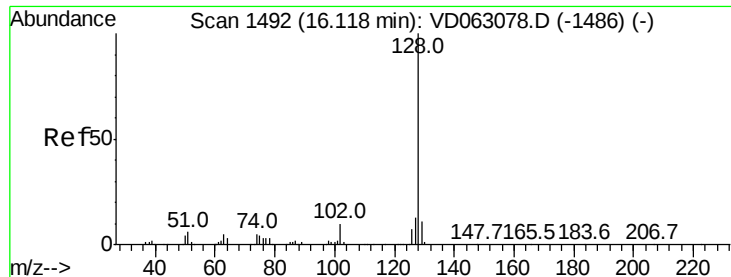
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD063110.D
Acq: 16 Jul 2019 16:54

Tgt Ion:152 Resp: 317536
Ion Ratio Lower Upper
152 100
115 53.1 28.9 86.8
150 154.1 0.0 313.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

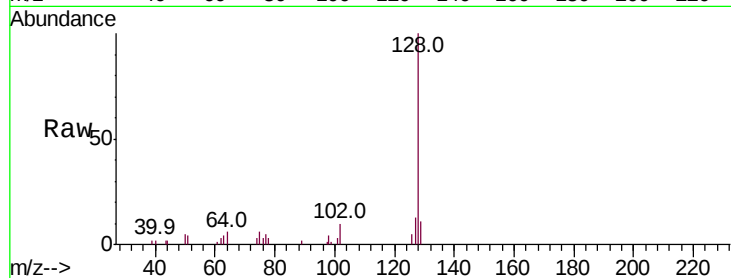




#95
Naphthalene
Concen: 2.529 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VD063110.D
Acq: 16 Jul 2019 16:54

Instrument :
MSVOA_D
ClientSampleId :
EO-02-071519-A

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.7	16.1
129	10.7	8.7	13.1



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

