

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070119\
 Data File : VD062990.D
 Acq On : 1 Jul 2019 15:14
 Operator : VA/AP
 Sample : K3160-07
 Misc : 5.77g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-062819-A

Quant Time: Jul 02 08:00:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

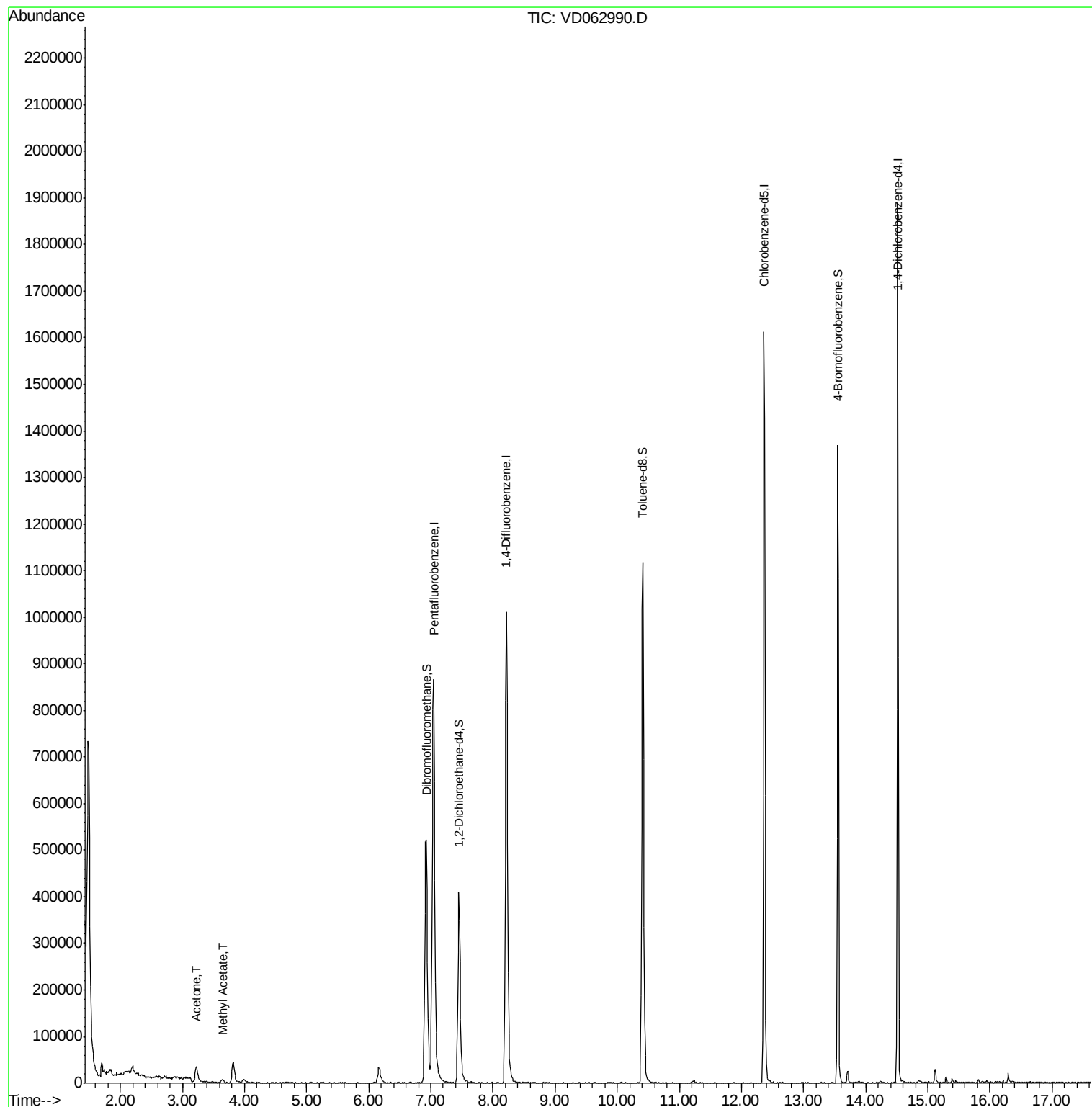
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	826654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1084051	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	866124	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	376841	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	465903	51.85	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	103.70%	
35) Dibromofluoromethane	6.92	113	474280	51.89	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	103.78%	
50) Toluene-d8	10.41	98	887270	44.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.20%	
62) 4-Bromofluorobenzene	13.55	95	383670	42.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.82%	
Target Compounds						
16) Acetone	3.23	43	74723	34.990	ug/l #	88
18) Methyl Acetate	3.64	43	11827	4.360	ug/l #	87

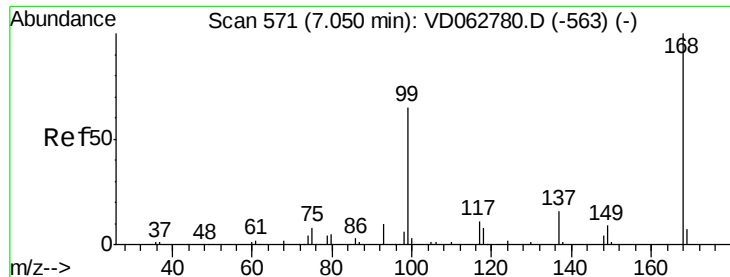
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD070119\
Data File : VD062990.D
Acq On : 1 Jul 2019 15:14
Operator : VA/AP
Sample : K3160-07
Misc : 5.77g/5ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EO-01-062819-A

Quant Time: Jul 02 08:00:15 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD062990.D

Acq: 1 Jul 2019 15:14

Instrument :

MSVOA_D

ClientSampleId :

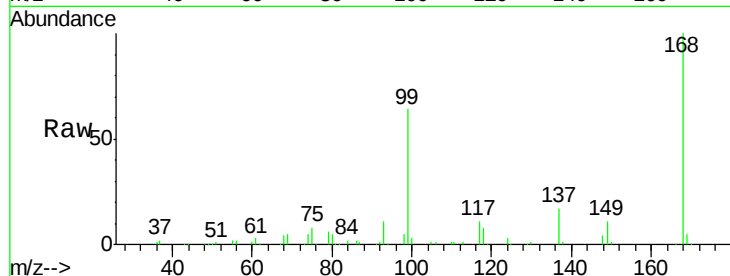
EO-01-062819-A

Tot Ion:168 Resp: 826654

Ion Ratio Lower Upper

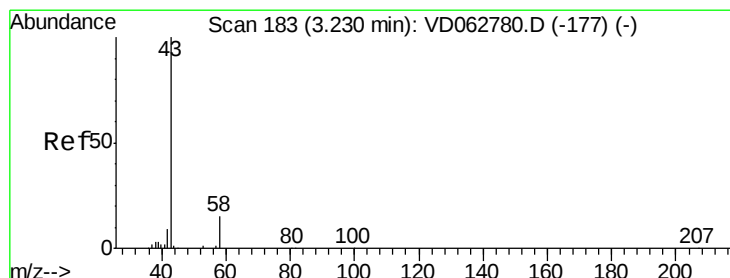
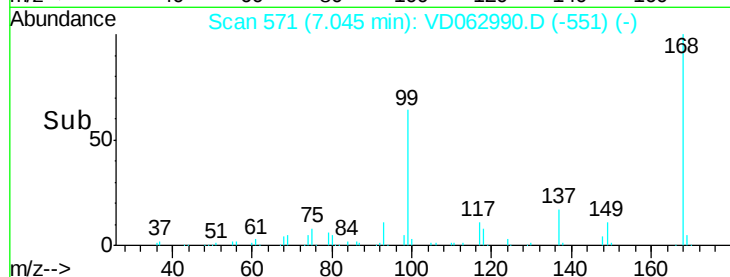
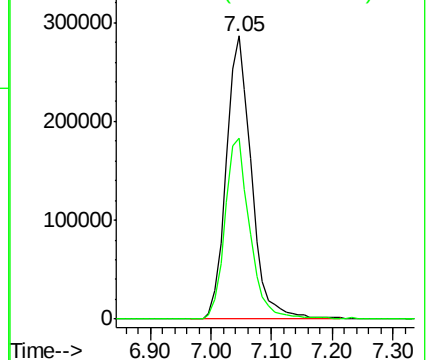
168 100

99 64.0 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 34.990 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD062990.D

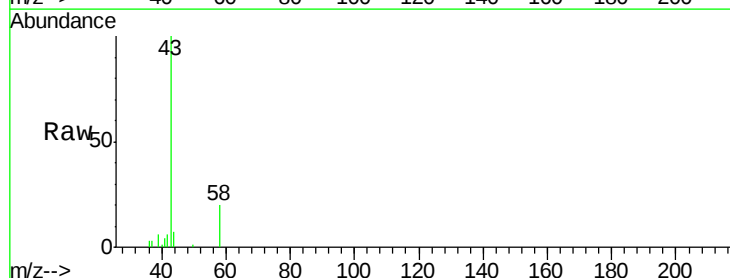
Acq: 1 Jul 2019 15:14

Tgt Ion: 43 Resp: 74723

Ion Ratio Lower Upper

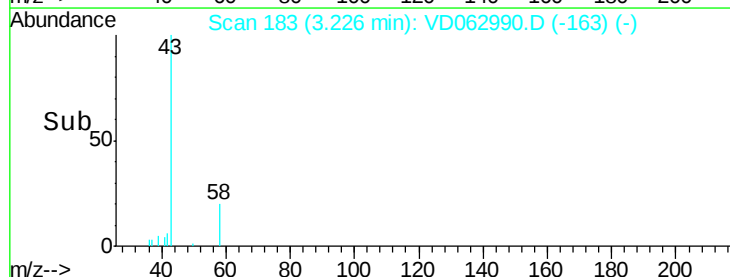
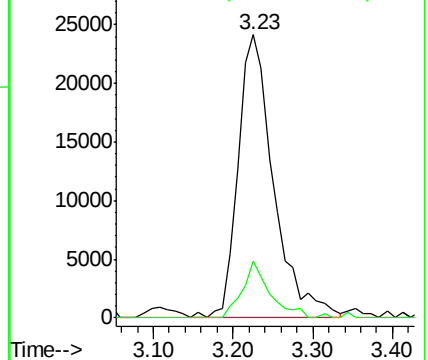
43 100

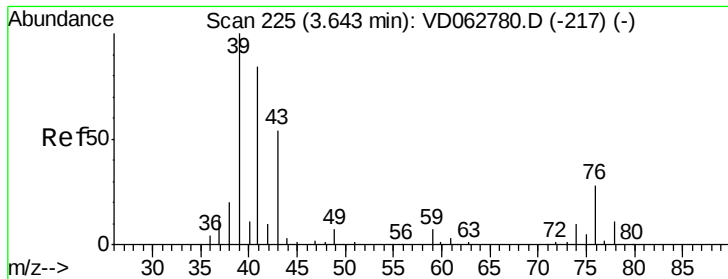
58 20.0 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

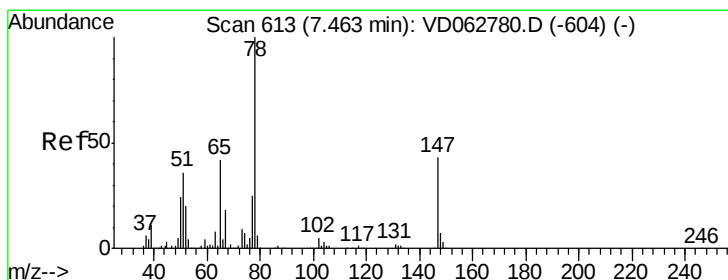
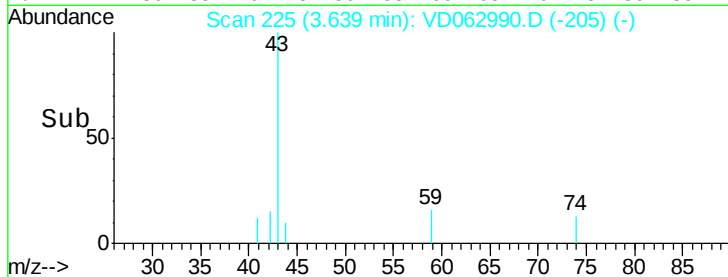
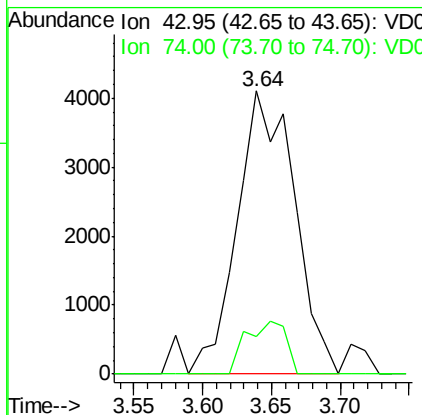
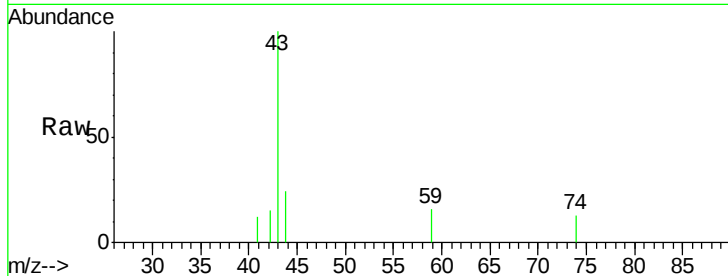




#18
Methvl Acetate
Concen: 4.360 ug/l
RT: 3.64 min Scan# 225
Delta R.T. -0.00 min
Lab File: VD062990.D
Acq: 1 Jul 2019 15:14

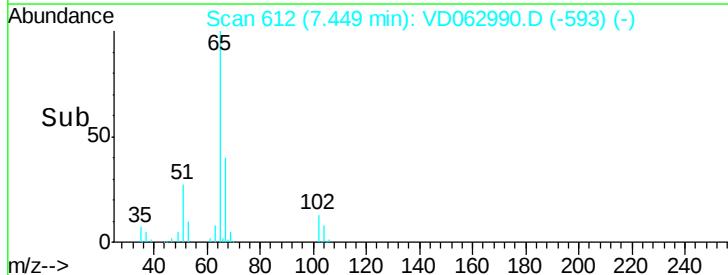
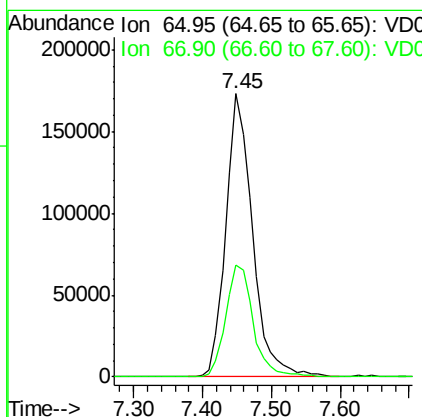
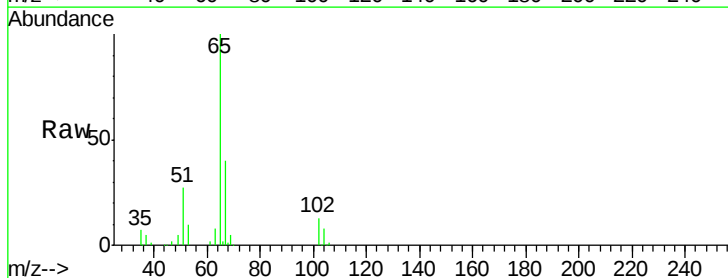
Instrument :
MSVOA_D
ClientSampleId :
EO-01-062819-A

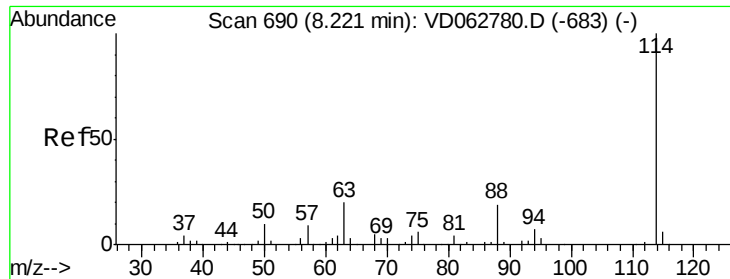
Tot Ion: 43 Resp: 11827
Ion Ratio Lower Upper
43 100
74 13.3 15.2 22.8#



#33
1,2-Dichloroethane-d4
Concen: 51.850 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.01 min
Lab File: VD062990.D
Acq: 1 Jul 2019 15:14

Tgt Ion: 65 Resp: 465903
Ion Ratio Lower Upper
65 100
67 39.5 0.0 87.4

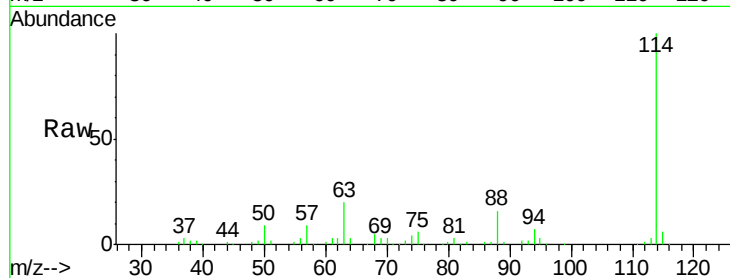




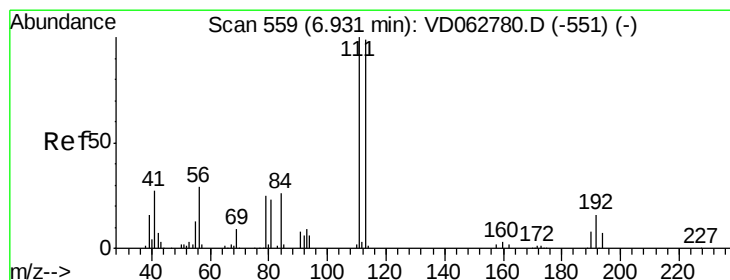
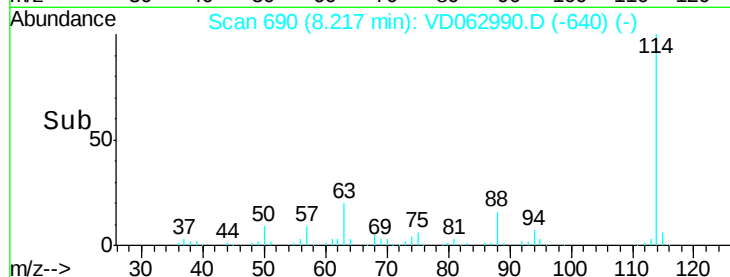
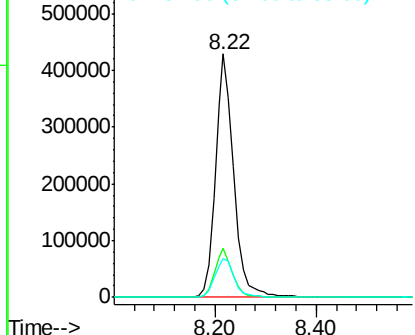
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VD062990.D
 Acq: 1 Jul 2019 15:14

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-062819-A

Tot Ion:114 Resp: 1084051
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.0
 88 16.1 0.0 38.8

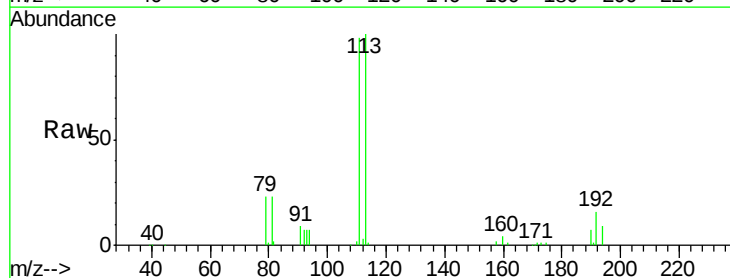


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

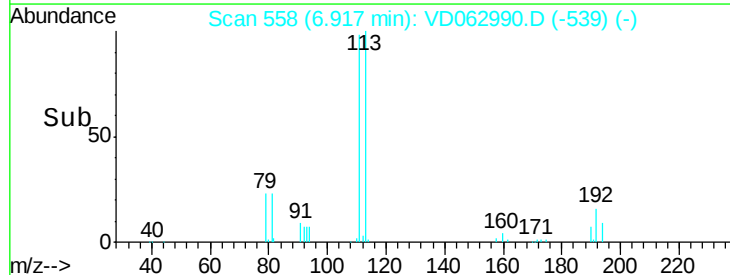
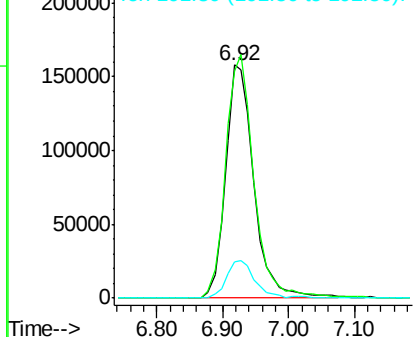


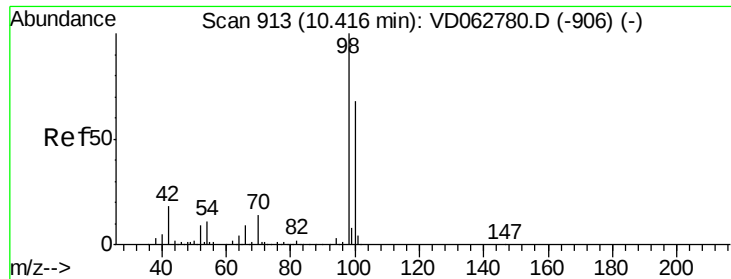
#35
 Dibromofluoromethane
 Concen: 51.887 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD062990.D
 Acq: 1 Jul 2019 15:14

Tgt Ion:113 Resp: 474280
 Ion Ratio Lower Upper
 113 100
 111 97.5 81.2 121.8
 192 15.5 12.9 19.3



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: 44.599 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.00 min

Lab File: VD062990.D

Acq: 1 Jul 2019 15:14

Instrument :

MSVOA_D

ClientSampleId :

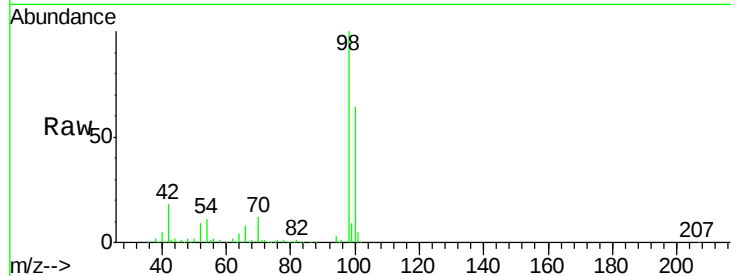
EO-01-062819-A

Tot Ion: 98 Resp: 887270

Ion Ratio Lower Upper

98 100

100 63.9 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): VD062780.D (-906) (-)

Ion 100.05 (99.75 to 100.75): VD062780.D (-906) (-)

10.41

400000

300000

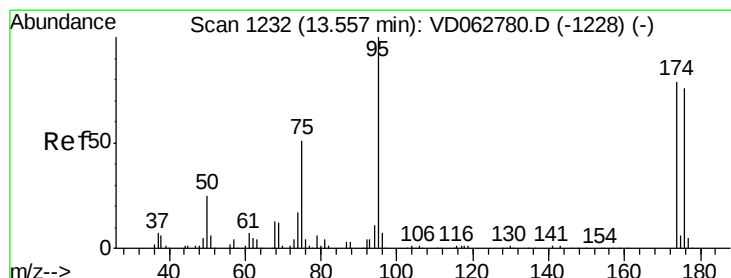
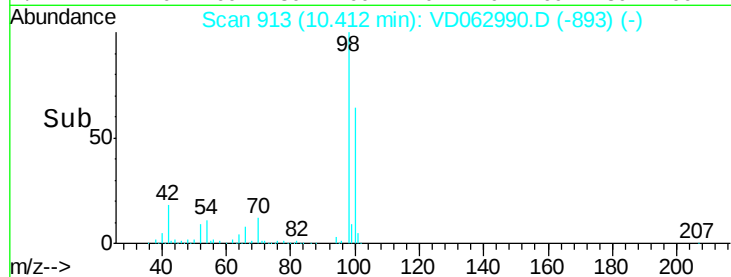
200000

100000

0

10.30 10.40 10.50 10.60

Time-->



#62

4-Bromofluorobenzene

Concen: 42.413 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD062990.D

Acq: 1 Jul 2019 15:14

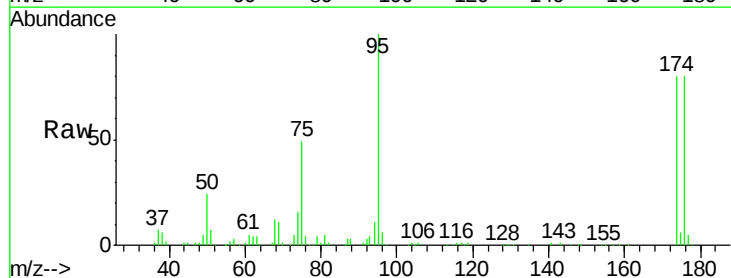
Tgt Ion: 95 Resp: 383670

Ion Ratio Lower Upper

95 100

174 79.6 0.0 158.0

176 79.9 0.0 151.6



Abundance Ion 95.00 (94.70 to 95.70): VD062780.D (-1228) (-)

Ion 173.90 (173.60 to 174.60): VD062780.D (-1228) (-)

Ion 175.90 (175.60 to 176.60): VD062780.D (-1228) (-)

13.55

300000

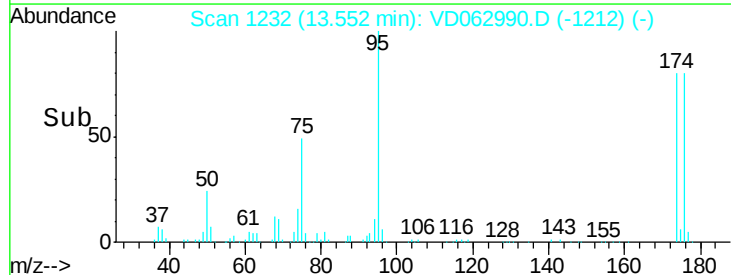
200000

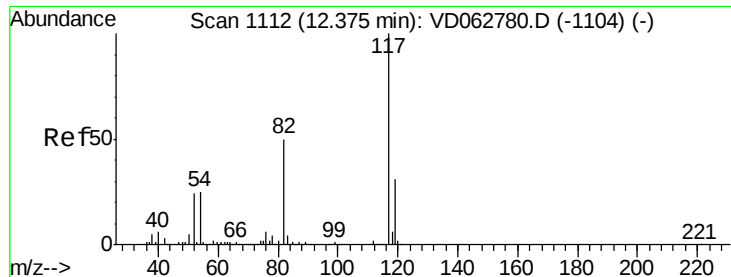
100000

0

13.50 13.60

Time-->

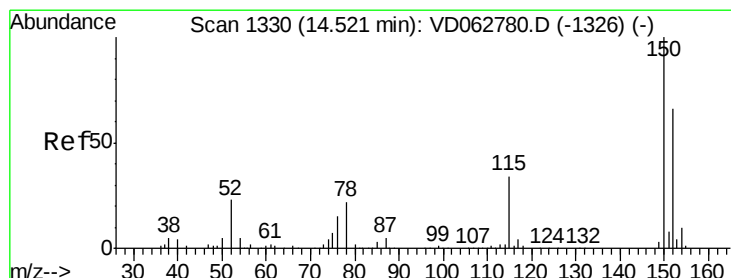
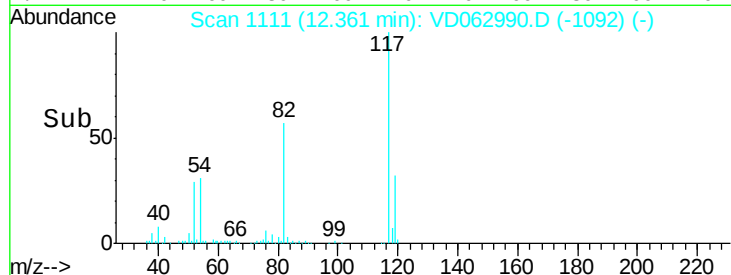
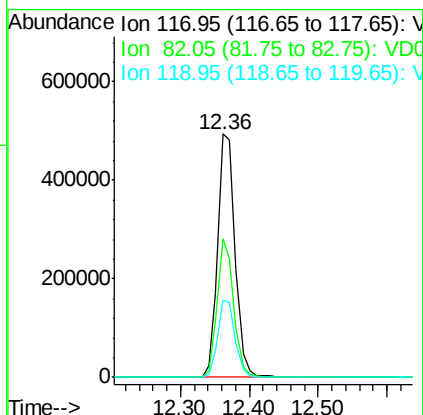
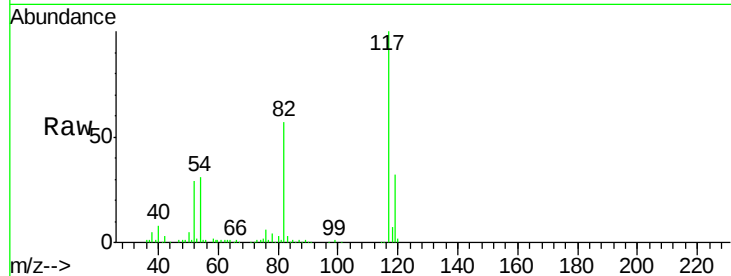




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD062990.D
Acq: 1 Jul 2019 15:14

Instrument :
MSVOA_D
ClientSampleId :
EO-01-062819-A

Tot Ion:117 Resp: 866124
Ion Ratio Lower Upper
117 100
82 56.8 40.4 60.6
119 31.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062990.D
Acq: 1 Jul 2019 15:14

Tgt Ion:152 Resp: 376841
Ion Ratio Lower Upper
152 100
115 60.4 29.2 87.6
150 155.9 0.0 305.8

