

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041219\
 Data File : VD061779.D
 Acq On : 12 Apr 2019 15:37
 Operator : VA/AP
 Sample : K2200-05RE
 Misc : 6.65g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-040919-CRE

Quant Time: Apr 12 17:18:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

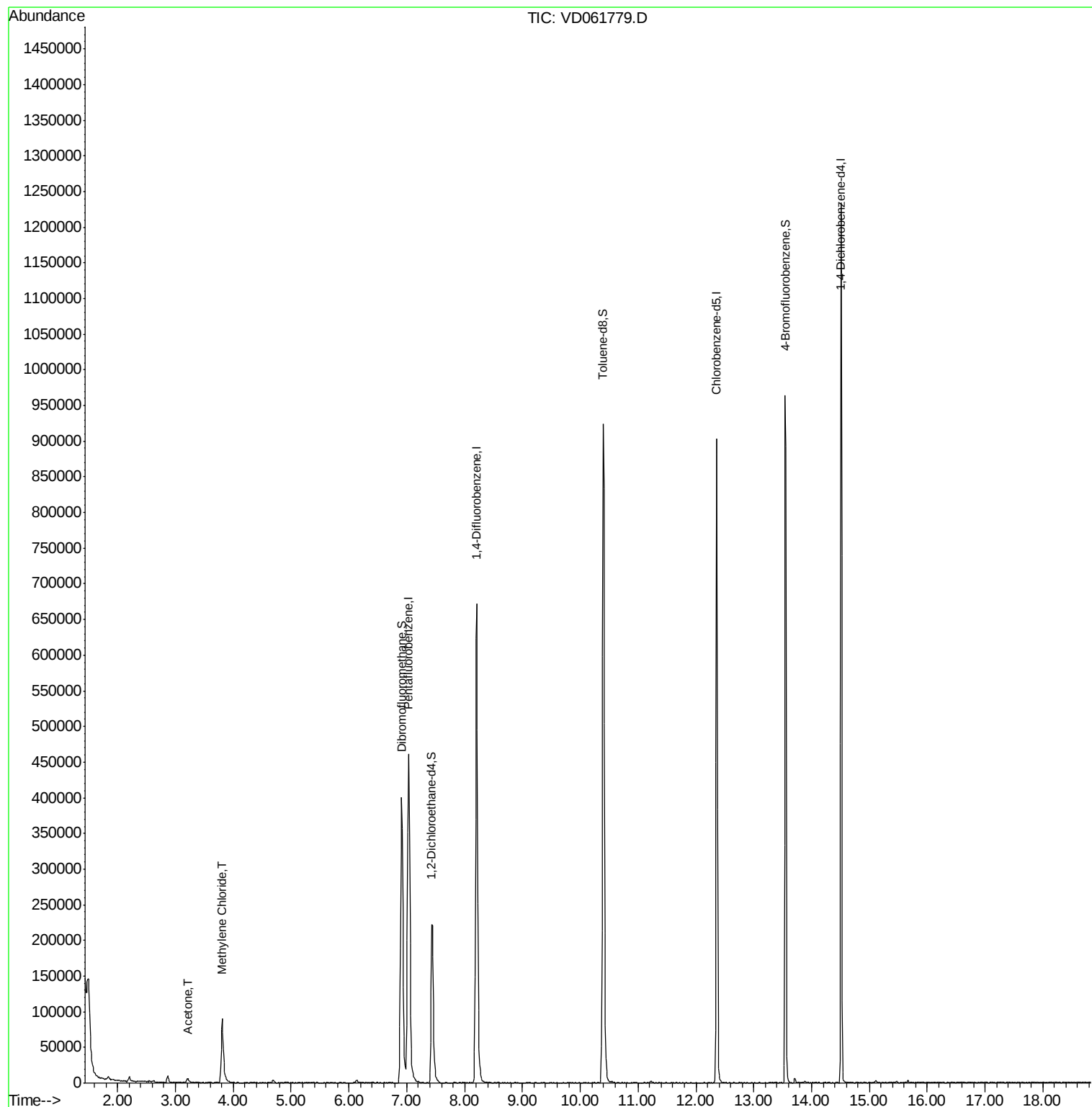
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	495106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	796837	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	619008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	275215	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	238391	63.52	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	127.04%	
35) Dibromofluoromethane	6.91	113	372600	67.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	135.00%	
50) Toluene-d8	10.40	98	802240	57.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.68%	
62) 4-Bromofluorobenzene	13.55	95	327487	74.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	149.18%	
Target Compounds						
16) Acetone	3.22	43	13153	11.724	ug/l #	85
20) Methylene Chloride	3.81	84	67632	10.624	ug/l	97

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

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EO-01-040919-CRE

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Quant Title : SW846 8260
QLast Update : Mon Apr 08 10:04:03 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: VD061779.D

Acq: 12 Apr 2019 15:37

Instrument :

MSVOA_D

ClientSampleId :

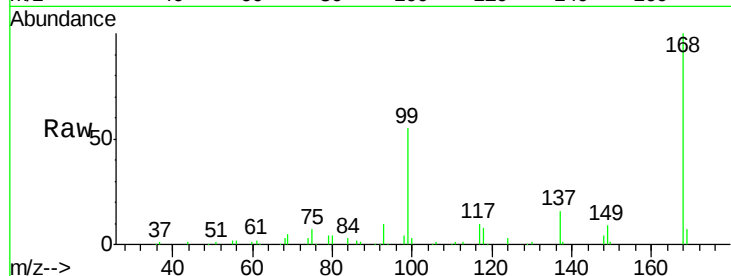
EO-01-040919-CRE

Tot Ion:168 Resp: 495106

Ion Ratio Lower Upper

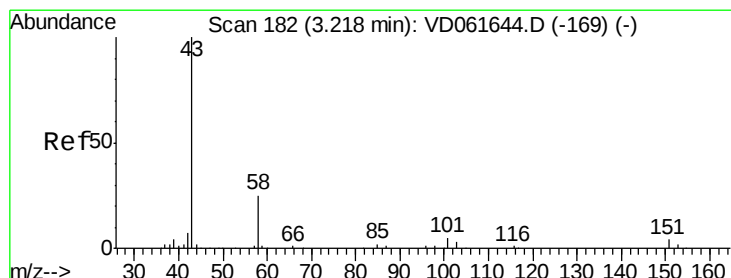
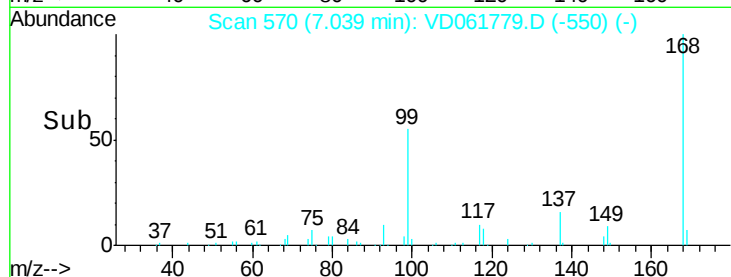
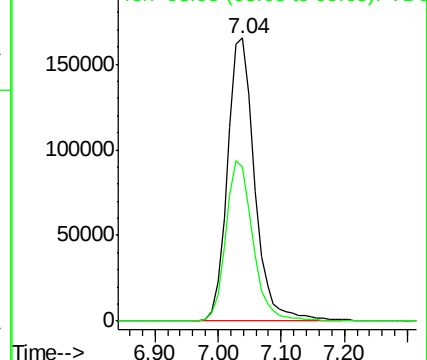
168 100

99 54.6 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 11.724 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.00 min

Lab File: VD061779.D

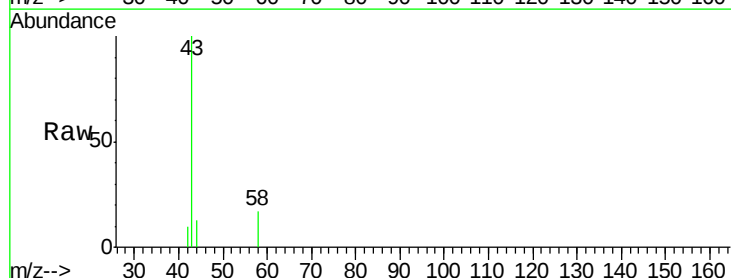
Acq: 12 Apr 2019 15:37

Tgt Ion: 43 Resp: 13153

Ion Ratio Lower Upper

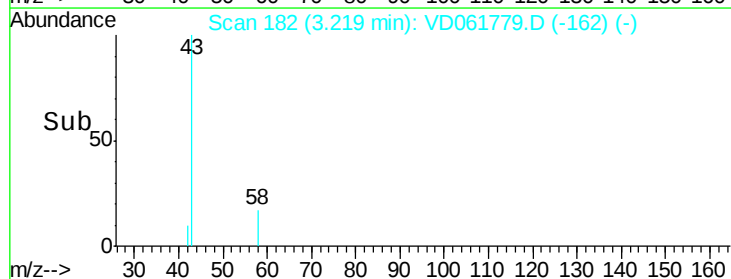
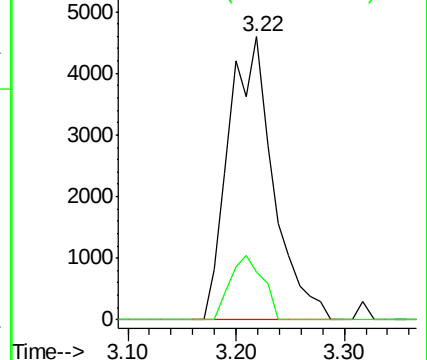
43 100

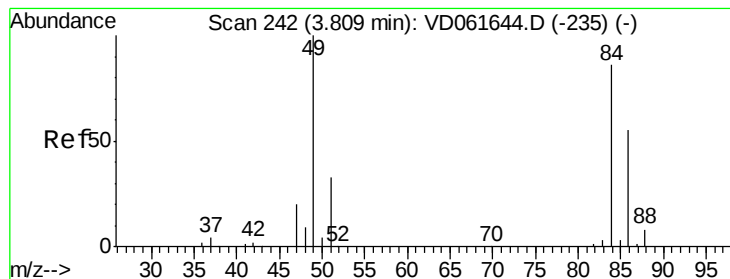
58 17.0 19.7 29.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 10.624 ug/l

RT: 3.81 min Scan# 242

Delta R.T. 0.00 min

Lab File: VD061779.D

Acq: 12 Apr 2019 15:37

Instrument :
MSVOA_D
ClientSampleId :
EO-01-040919-CRE

Tot Ion: 84 Resp: 67632

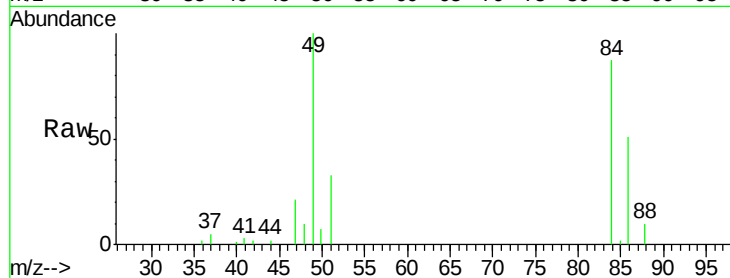
Ion Ratio Lower Upper

84 100

49 114.6 93.0 139.4

51 37.7 30.4 45.6

86 58.8 51.0 76.4

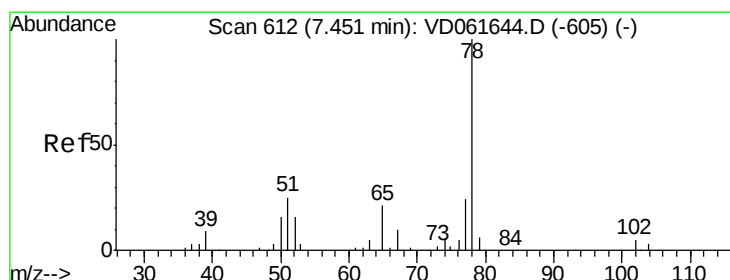
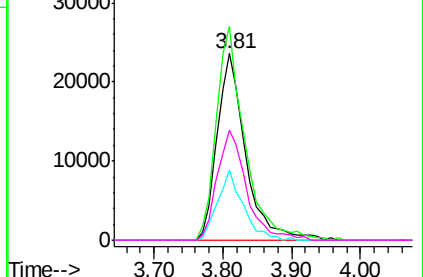
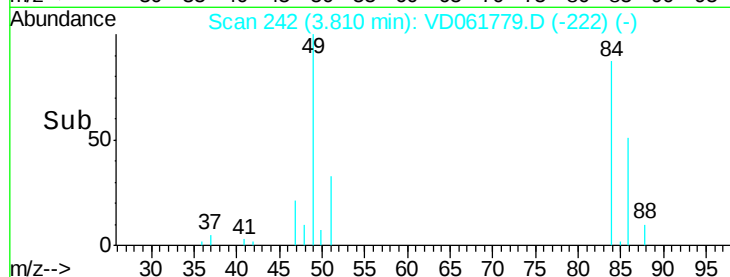


Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.02 min

Lab File: VD061779.D

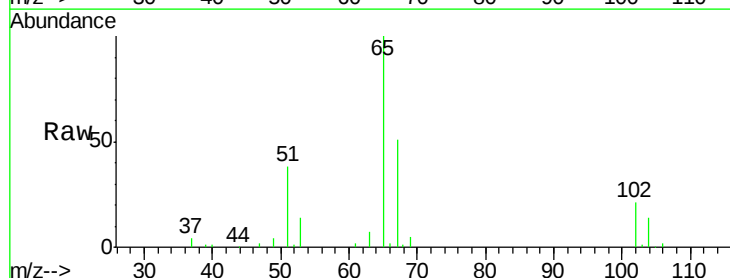
Acq: 12 Apr 2019 15:37

Tgt Ion: 65 Resp: 238391

Ion Ratio Lower Upper

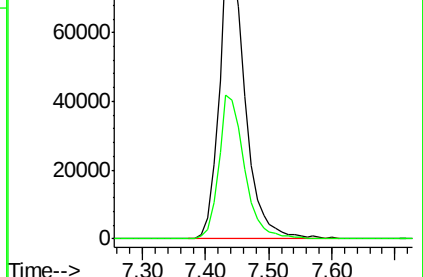
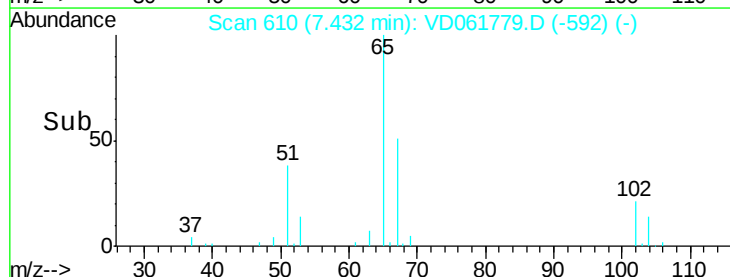
65 100

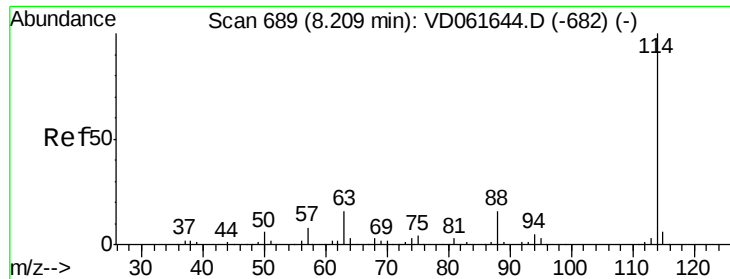
67 51.0 0.0 99.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

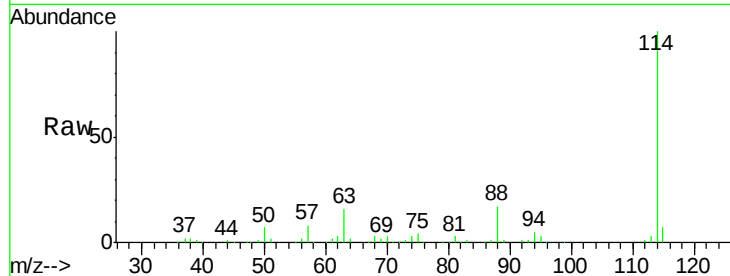




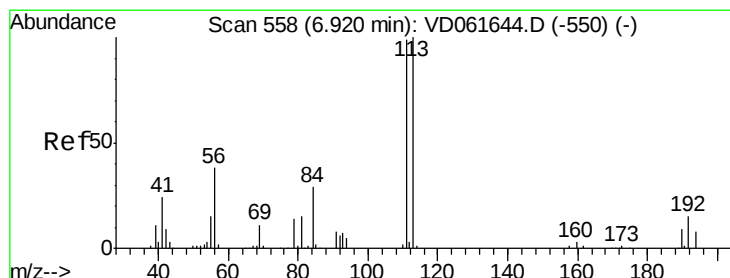
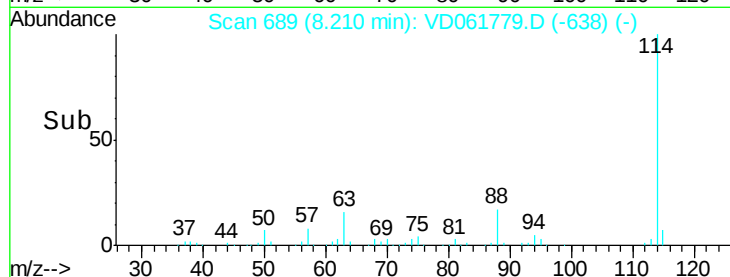
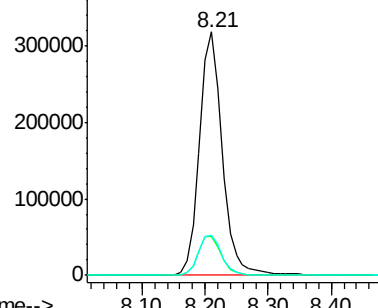
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: VD061779.D
 Acq: 12 Apr 2019 15:37

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-040919-CRE

Tot Ion:114 Resp: 796837
 Ion Ratio Lower Upper
 114 100
 63 15.8 0.0 31.2
 88 16.7 0.0 31.8

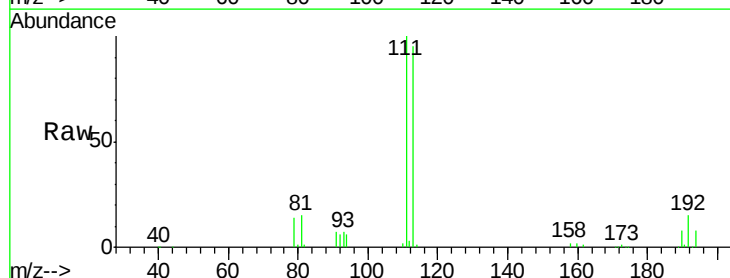


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

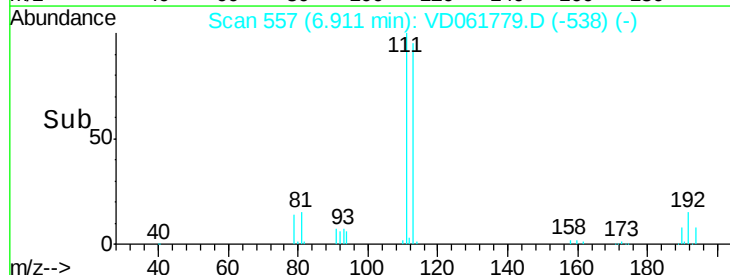
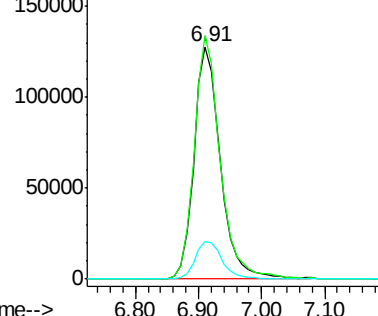


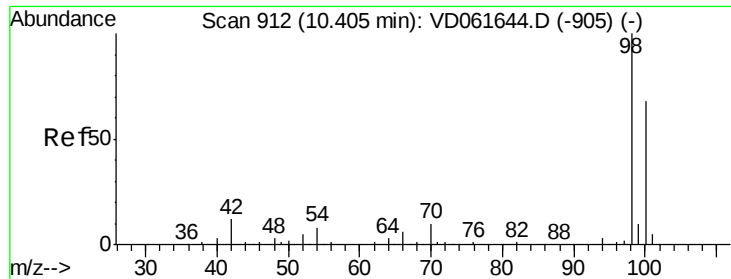
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: VD061779.D
 Acq: 12 Apr 2019 15:37

Tgt Ion:113 Resp: 372600
 Ion Ratio Lower Upper
 113 100
 111 104.8 79.3 118.9
 192 16.1 12.3 18.5



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

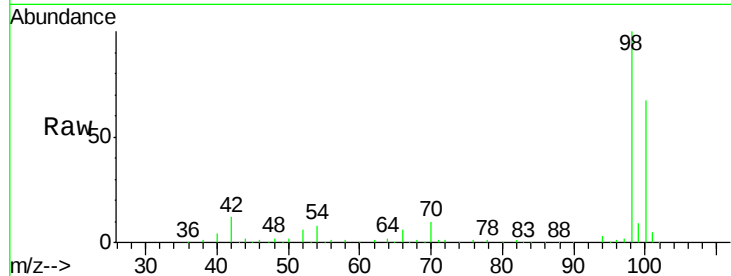




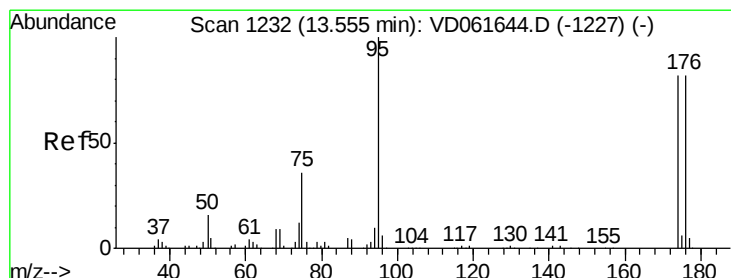
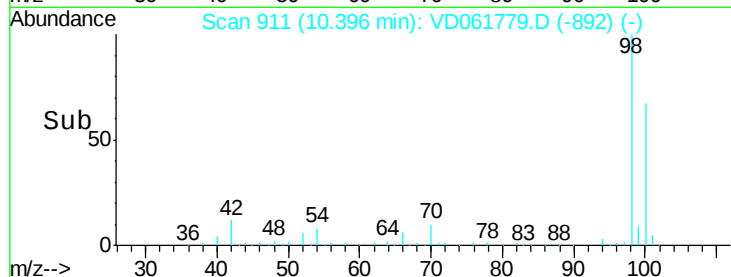
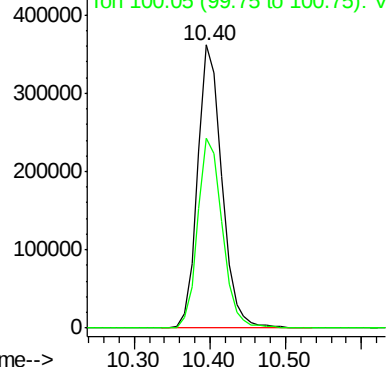
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 911
Delta R.T. -0.01 min
Lab File: VD061779.D
Acq: 12 Apr 2019 15:37

Instrument :
MSVOA_D
ClientSampleId :
EO-01-040919-CRE

Tot Ion: 98 Resp: 802240
Ion Ratio Lower Upper
98 100
100 67.3 55.4 83.0

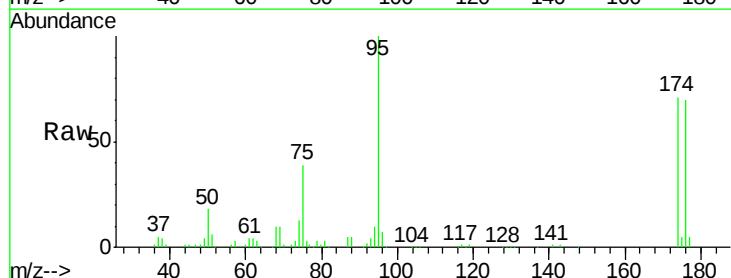


Abundance Ion 98.05 (97.75 to 98.75): VD061644.D (-905) (-)
Ion 100.05 (99.75 to 100.75): VD061644.D (-905) (-)

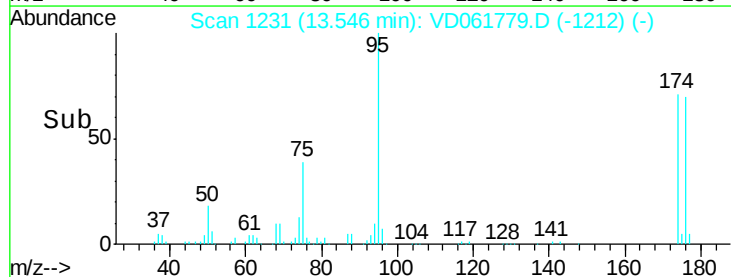
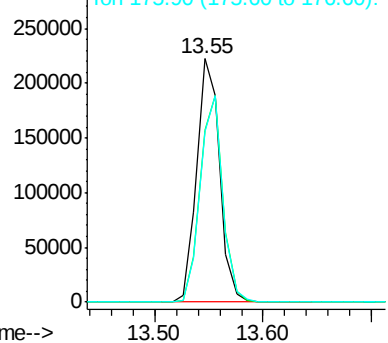


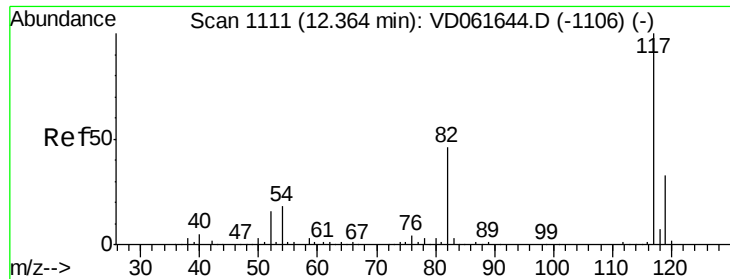
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD061779.D
Acq: 12 Apr 2019 15:37

Tgt Ion: 95 Resp: 327487
Ion Ratio Lower Upper
95 100
174 70.7 0.0 164.6
176 70.0 0.0 165.0



Abundance Ion 95.00 (94.70 to 95.70): VD061644.D (-1227) (-)
Ion 173.90 (173.60 to 174.60): VD061644.D (-1227) (-)
Ion 175.90 (175.60 to 176.60): VD061644.D (-1227) (-)

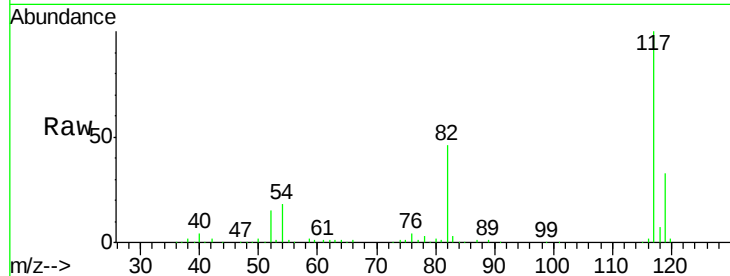




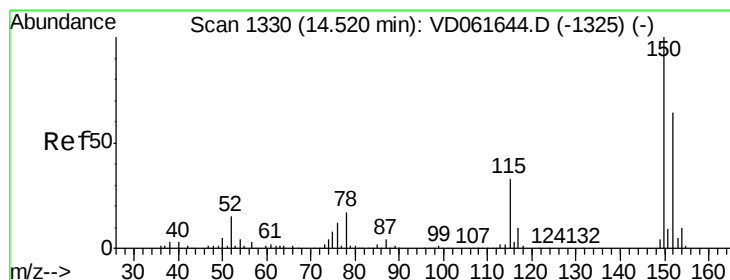
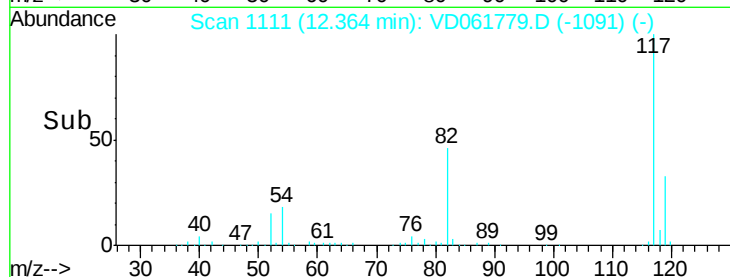
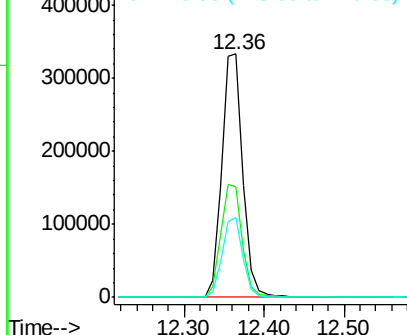
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061779.D
Acq: 12 Apr 2019 15:37

Instrument :
MSVOA_D
ClientSampleId :
EO-01-040919-CRE

Tot Ion:117 Resp: 619008
Ion Ratio Lower Upper
117 100
82 45.6 36.8 55.2
119 32.8 26.1 39.1

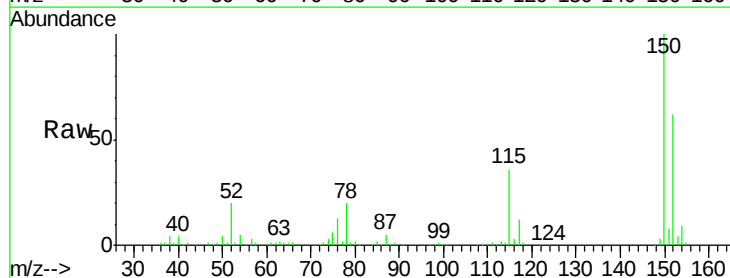


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD061779.D
Acq: 12 Apr 2019 15:37

Tgt Ion:152 Resp: 275215
Ion Ratio Lower Upper
152 100
115 58.1 26.4 79.2
150 161.7 0.0 320.6



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

