

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040419\
 Data File : VD061590.D
 Acq On : 4 Apr 2019 20:27
 Operator : VA/AP
 Sample : K2209-03
 Misc : 5.53g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 E-5

Quant Time: Apr 05 02:05:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

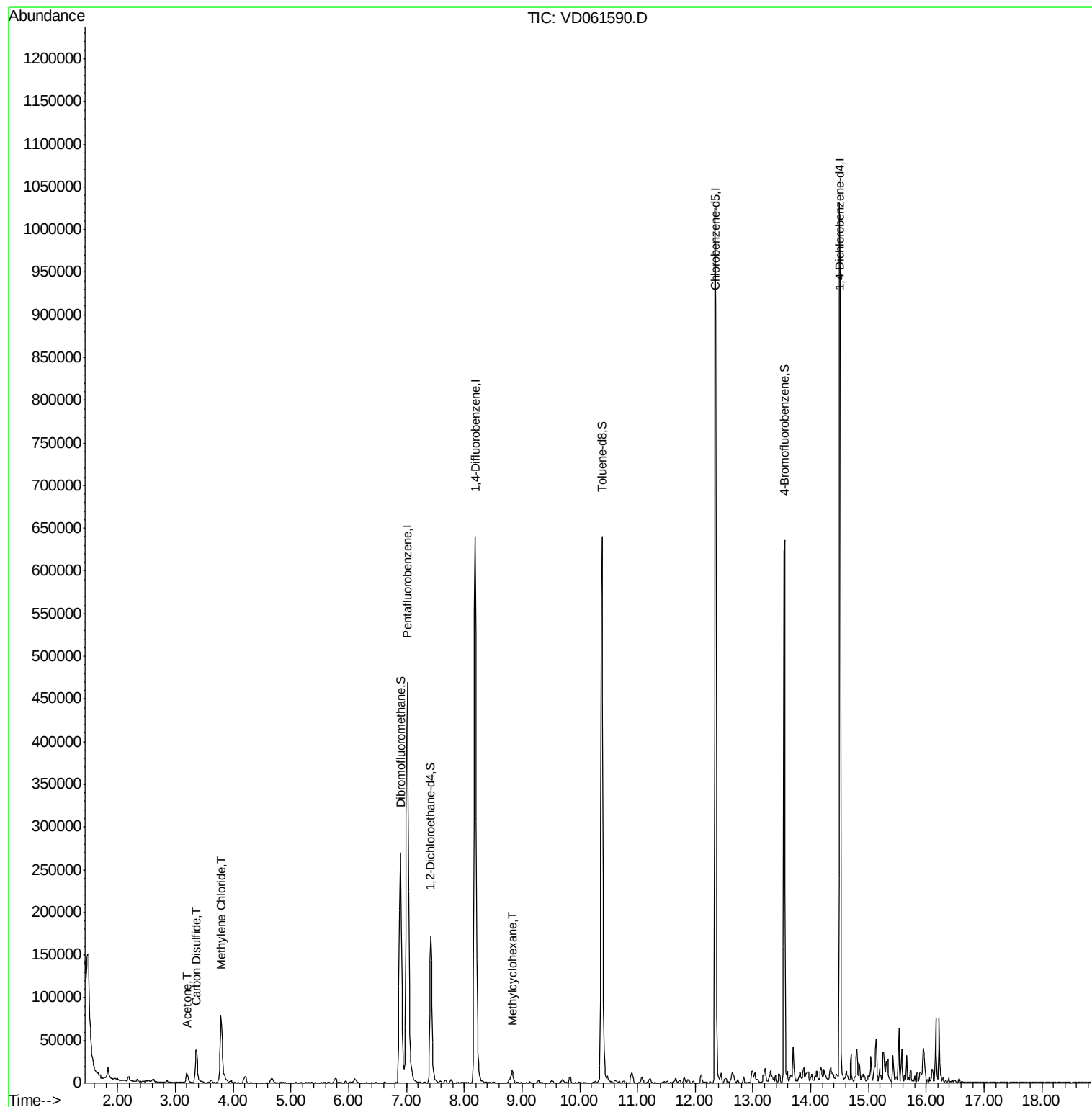
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	481302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	780314	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.34	117	637002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	260639	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	172358	41.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.84%	
35) Dibromofluoromethane	6.89	113	263239	44.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.30%	
50) Toluene-d8	10.39	98	561124	39.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.46%	
62) 4-Bromofluorobenzene	13.54	95	222797	40.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.24%	
Target Compounds						
16) Acetone	3.20	43	24021	22.727	ug/l #	84
17) Carbon Disulfide	3.36	76	79145	4.715	ug/l	99
20) Methylene Chloride	3.79	84	58197	8.225	ug/l	91
39) Methylcyclohexane	8.84	83	8268	1.166	ug/l	96

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

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Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 568

Delta R.T. 0.00 min

Lab File: VD061590.D

Acq: 4 Apr 2019 20:27

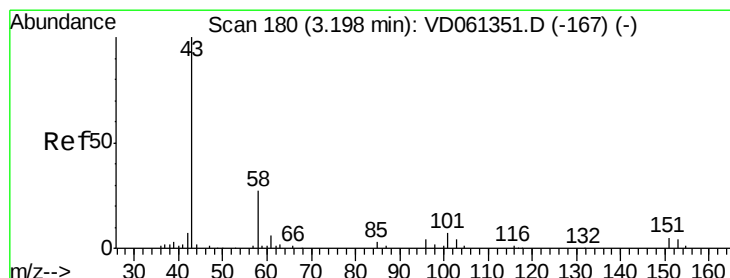
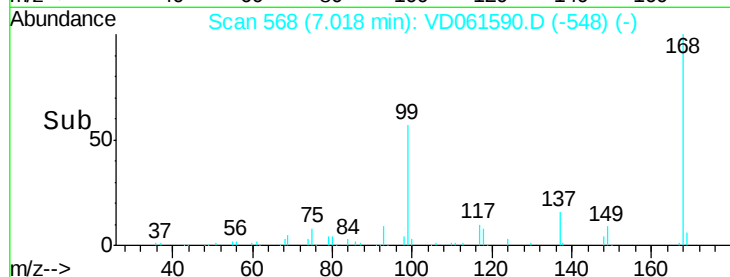
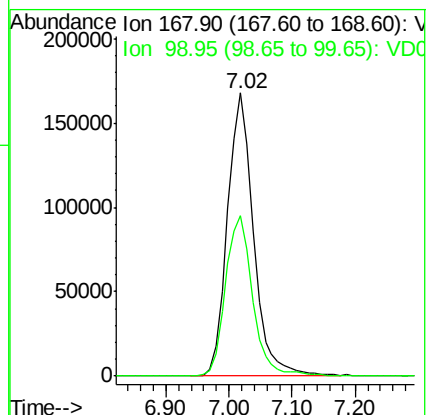
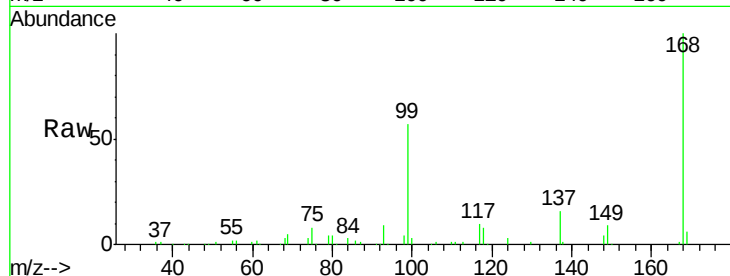
Instrument :
MSVOA_D
ClientSampleId :
E-5

Tot Ion:168 Resp: 481302

Ion Ratio Lower Upper

168 100

99 56.9 43.1 64.7



#16

Acetone

Concen: 22.727 ug/l

RT: 3.20 min Scan# 180

Delta R.T. 0.00 min

Lab File: VD061590.D

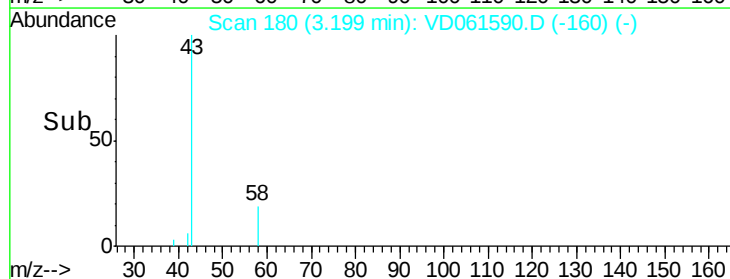
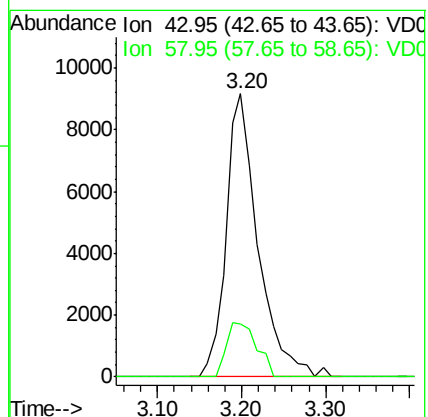
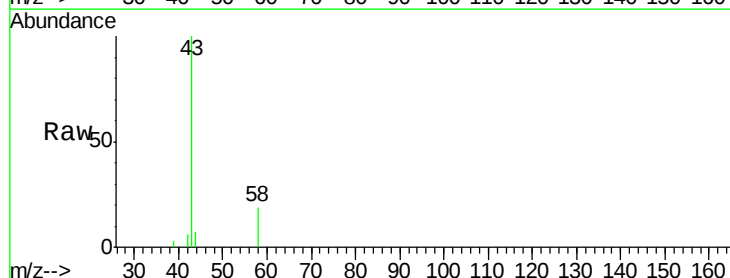
Acq: 4 Apr 2019 20:27

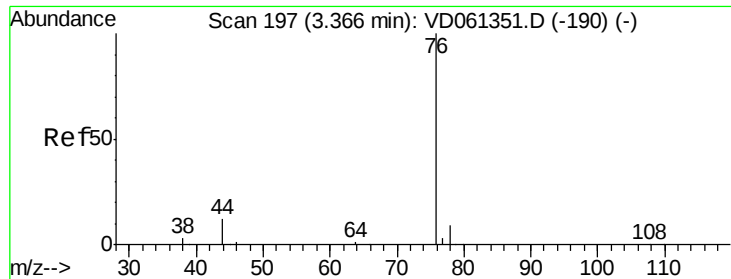
Tgt Ion: 43 Resp: 24021

Ion Ratio Lower Upper

43 100

58 18.8 21.5 32.3#





#17

Carbon Disulfide

Concen: 4.715 ug/l

RT: 3.36 min Scan# 196

Delta R.T. -0.01 min

Lab File: VD061590.D

Acq: 4 Apr 2019 20:27

Instrument :

MSVOA_D

ClientSampleId :

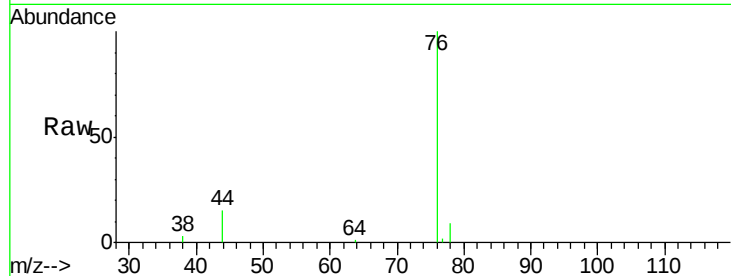
E-5

Tot Ion: 76 Resp: 79145

Ion Ratio Lower Upper

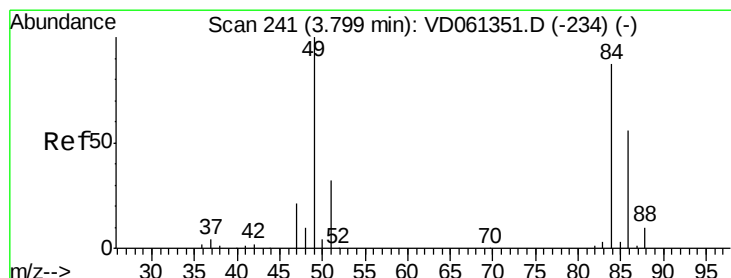
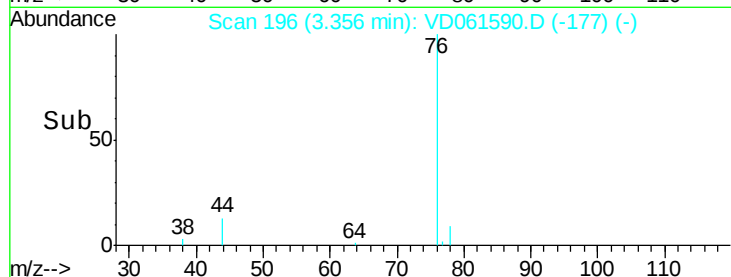
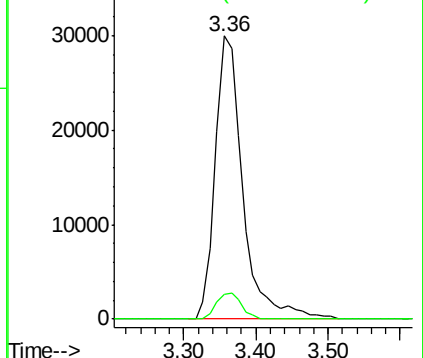
76 100

78 8.7 7.1 10.7



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#20

Methylene Chloride

Concen: 8.225 ug/l

RT: 3.79 min Scan# 240

Delta R.T. -0.01 min

Lab File: VD061590.D

Acq: 4 Apr 2019 20:27

Tgt Ion: 84 Resp: 58197

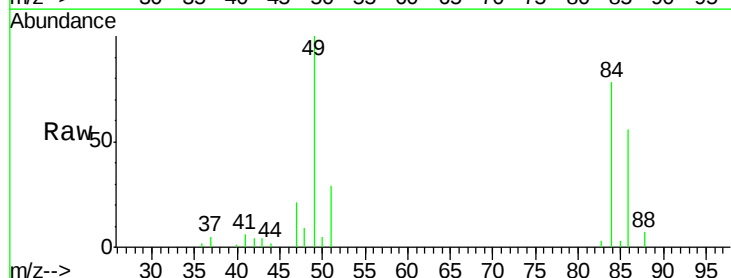
Ion Ratio Lower Upper

84 100

49 127.5 91.8 137.8

51 37.0 29.8 44.8

86 70.8 51.8 77.6

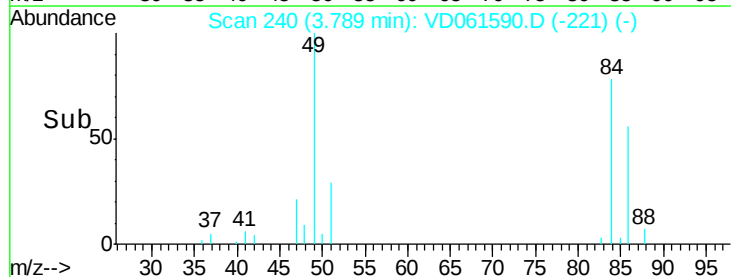
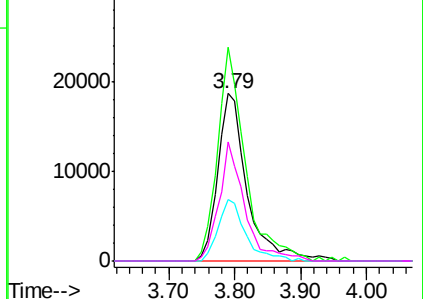


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 7.42 min Scan# 609

Delta R.T. -0.01 min

Lab File: VD061590.D

Acq: 4 Apr 2019 20:27

Instrument :

MSVOA_D

ClientSampleId :

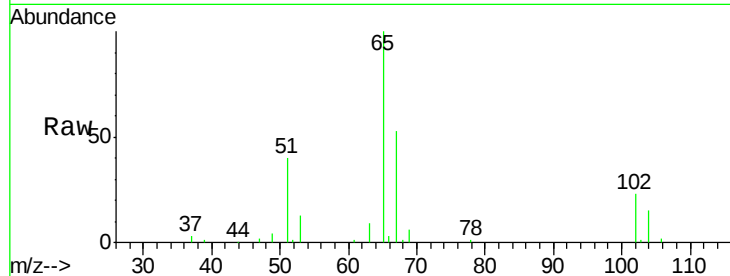
E-5

Tot Ion: 65 Resp: 172358

Ion Ratio Lower Upper

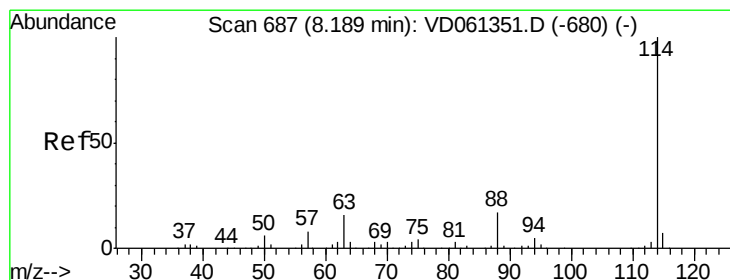
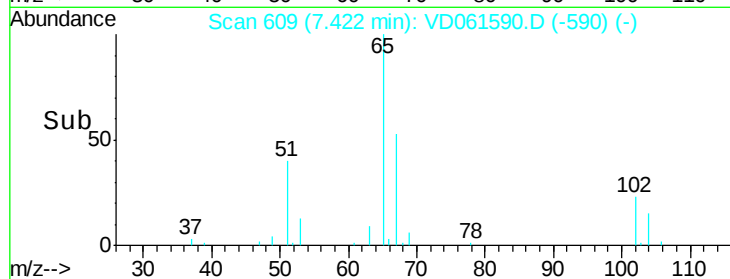
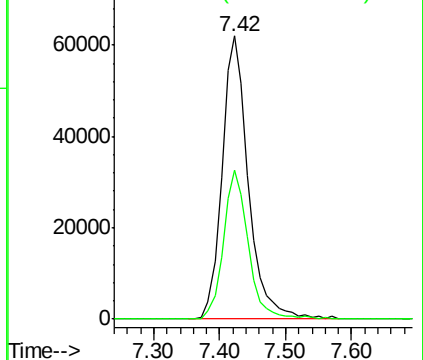
65 100

67 52.9 0.0 99.8



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: 8.19 min Scan# 687

Delta R.T. 0.00 min

Lab File: VD061590.D

Acq: 4 Apr 2019 20:27

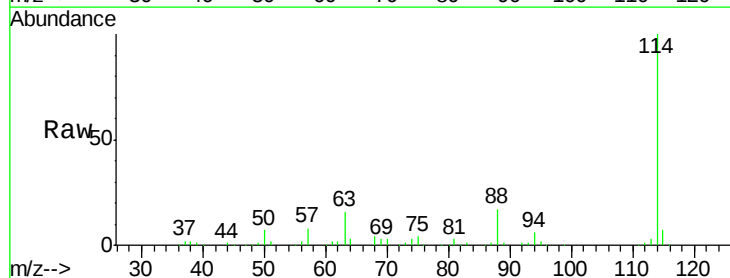
Tgt Ion:114 Resp: 780314

Ion Ratio Lower Upper

114 100

63 15.8 0.0 31.6

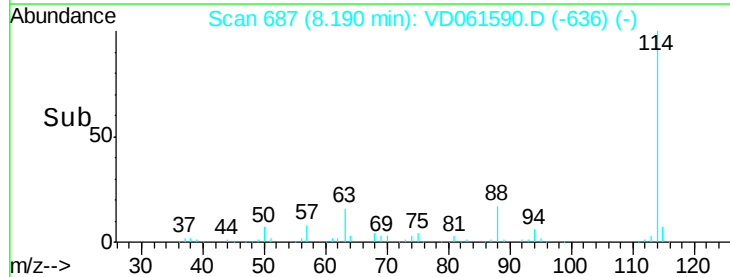
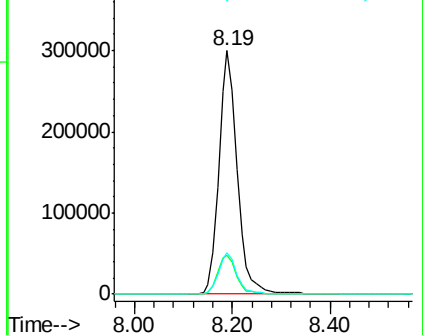
88 17.0 0.0 33.4



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

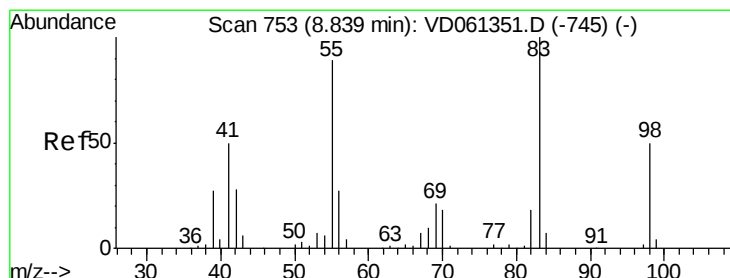
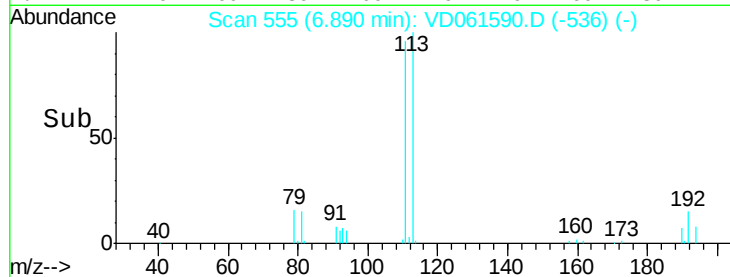
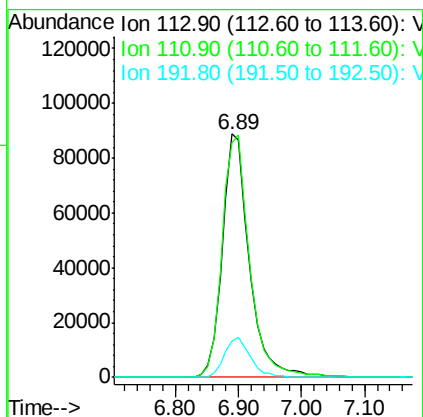
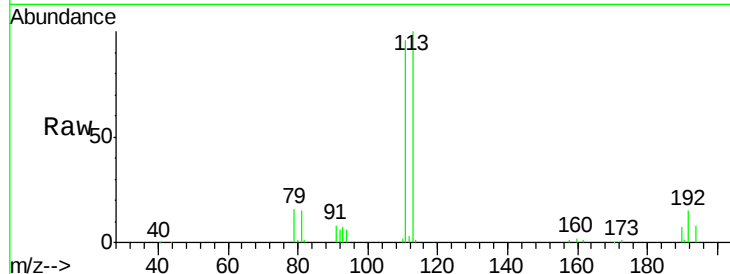




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.89 min Scan# 555
Delta R.T. -0.01 min
Lab File: VD061590.D
Acq: 4 Apr 2019 20:27

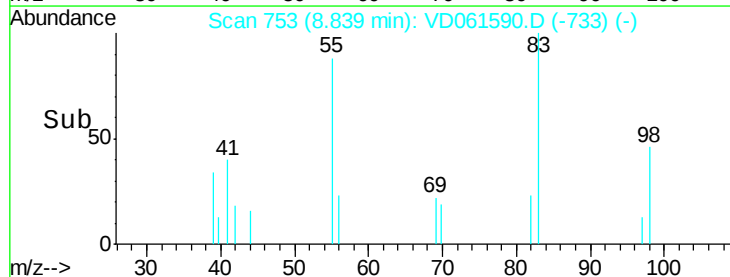
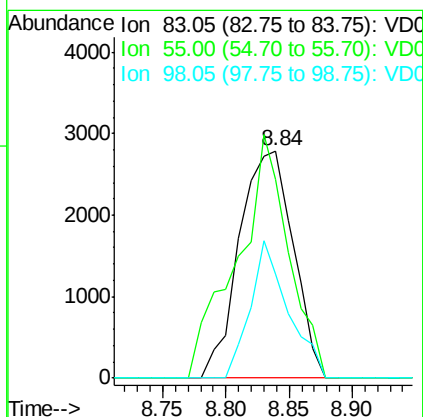
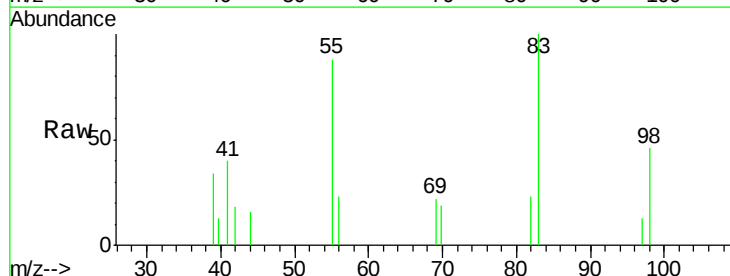
Instrument :
MSVOA_D
ClientSampleId :
E-5

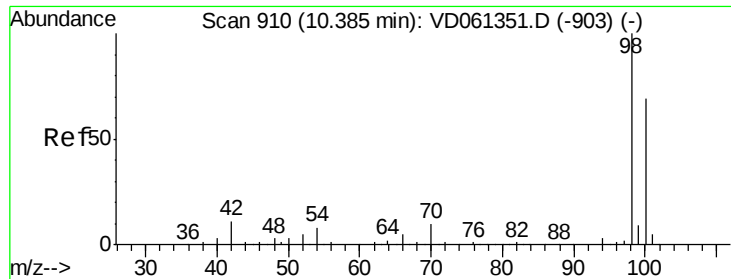
Tot Ion	Ratio	Lower	Upper
113	100		
111	96.2	81.0	121.6
192	15.1	14.4	21.6



#39
Methylcyclohexane
Concen: 1.166 ug/l
RT: 8.84 min Scan# 753
Delta R.T. 0.00 min
Lab File: VD061590.D
Acq: 4 Apr 2019 20:27

Tgt Ion	Ratio	Lower	Upper
83	100		
55	87.6	71.5	107.3
98	45.8	40.3	60.5

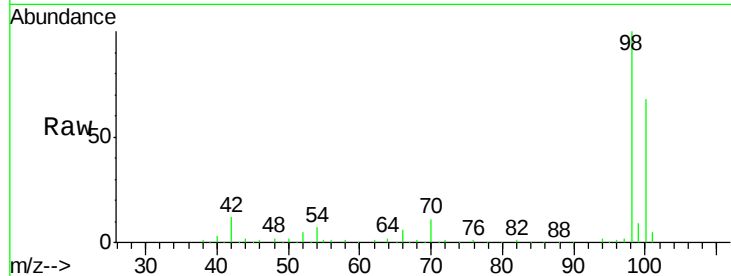




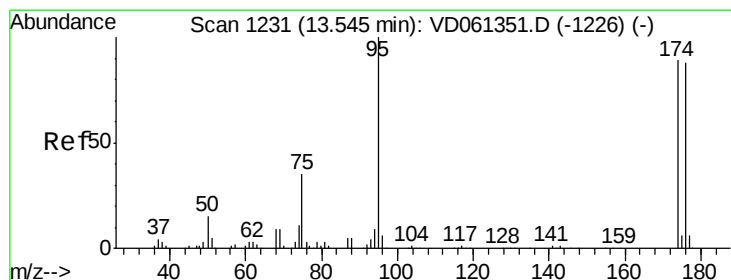
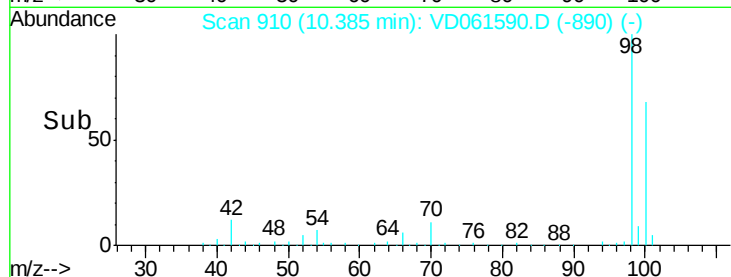
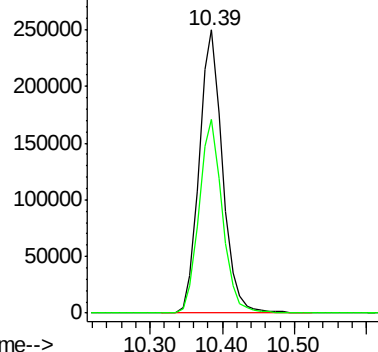
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.39 min Scan# 910
Delta R.T. 0.00 min
Lab File: VD061590.D
Acq: 4 Apr 2019 20:27

Instrument :
MSVOA_D
ClientSampled :
E-5

Tot Ion: 98 Resp: 561124
Ion Ratio Lower Upper
98 100
100 68.5 56.2 84.2

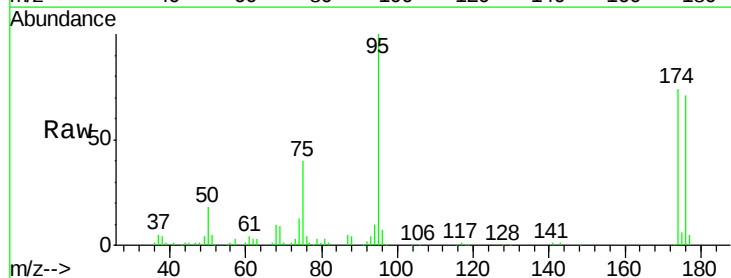


Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)
Ion 100.05 (99.75 to 100.75): VD061351.D (-903) (-)

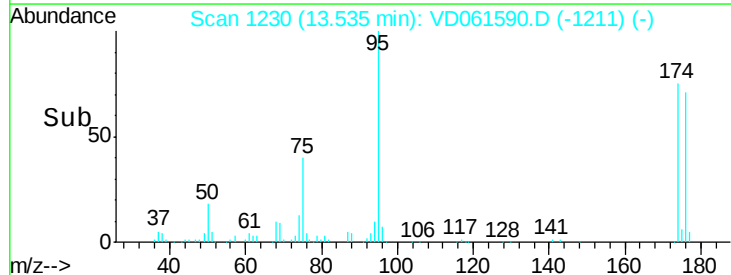
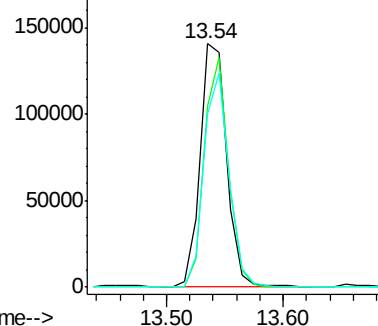


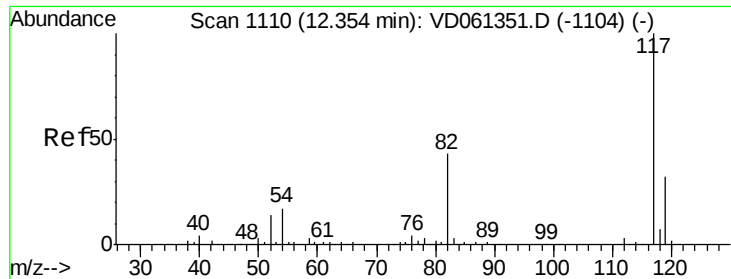
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 13.54 min Scan# 1230
Delta R.T. -0.01 min
Lab File: VD061590.D
Acq: 4 Apr 2019 20:27

Tgt Ion: 95 Resp: 222797
Ion Ratio Lower Upper
95 100
174 74.4 0.0 178.0
176 71.2 0.0 175.0



Abundance Ion 95.00 (94.70 to 95.70): VD061351.D (-1226) (-)
Ion 173.90 (173.60 to 174.60): VD061351.D (-1226) (-)
Ion 175.90 (175.60 to 176.60): VD061351.D (-1226) (-)

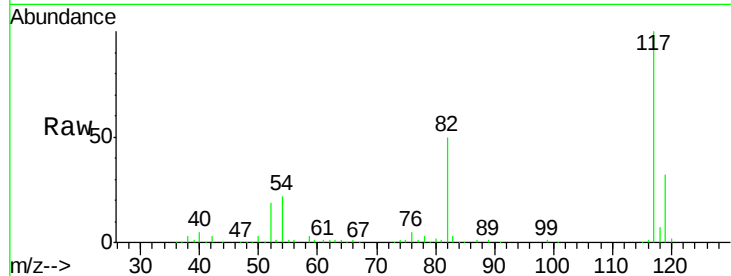




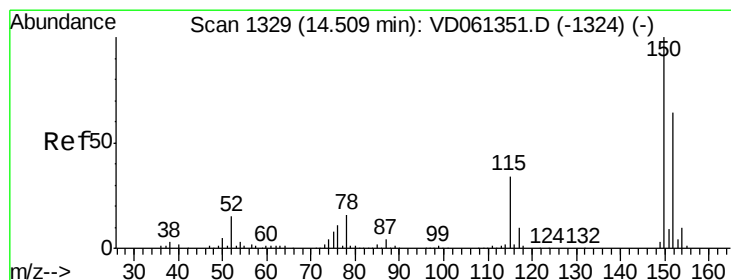
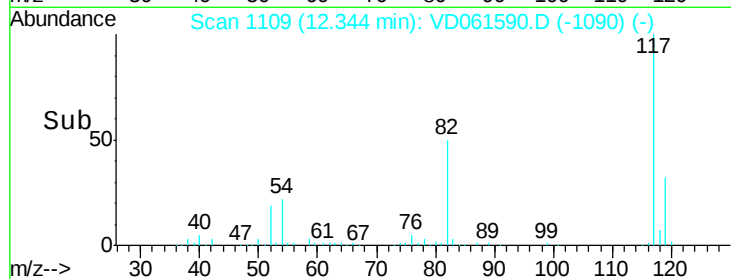
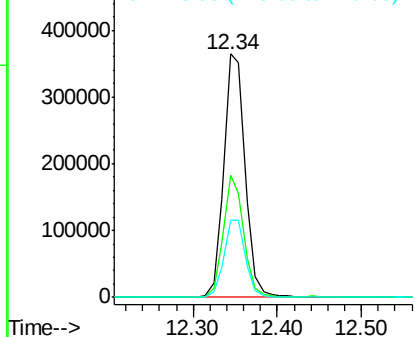
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.34 min Scan# 1109
Delta R.T. -0.01 min
Lab File: VD061590.D
Acq: 4 Apr 2019 20:27

Instrument :
MSVOA_D
ClientSampled :
E-5

Tot Ion:117 Resp: 637002
Ion Ratio Lower Upper
117 100
82 49.9 34.4 51.6
119 31.7 25.8 38.6

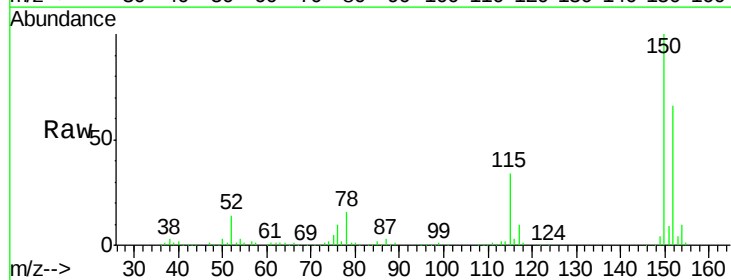


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. 0.00 min
Lab File: VD061590.D
Acq: 4 Apr 2019 20:27

Tgt Ion:152 Resp: 260639
Ion Ratio Lower Upper
152 100
115 51.2 26.9 80.6
150 151.0 0.0 318.0



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

