

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040419\
 Data File : VD061584.D
 Acq On : 4 Apr 2019 17:40
 Operator : VA/AP
 Sample : K2245-02
 Misc : 5.46g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-S2

Quant Time: Apr 05 01:51:41 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

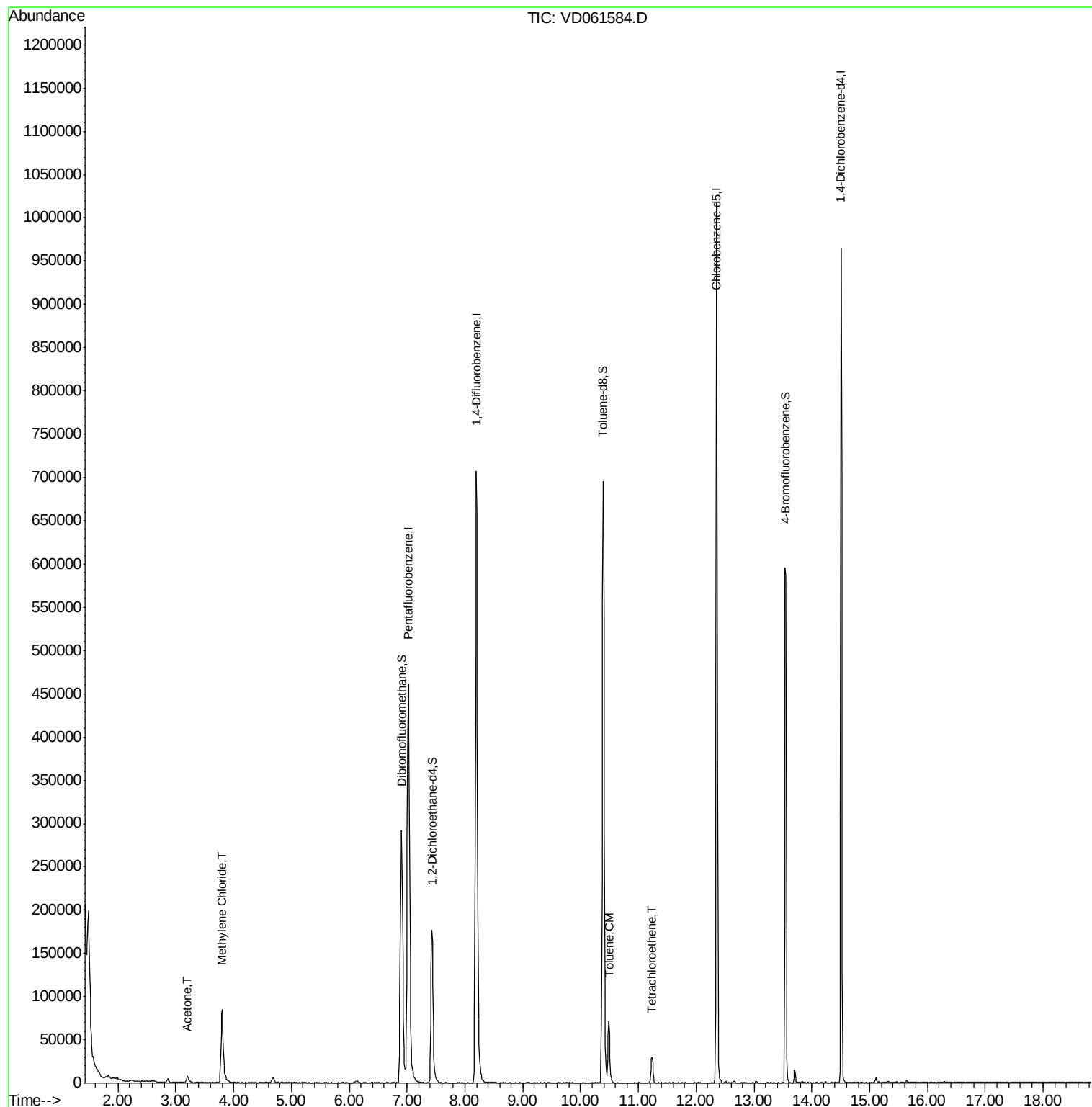
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	490315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	873345	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	655665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	227847	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	172139	41.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.20%	
35) Dibromofluoromethane	6.90	113	282334	42.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.60%	
50) Toluene-d8	10.39	98	601767	37.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.18%	
62) 4-Bromofluorobenzene	13.54	95	210240	34.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.50%	
Target Compounds						
16) Acetone	3.20	43	15770	14.646	ug/l	98
20) Methylene Chloride	3.80	84	63518	8.955	ug/l #	86
52) Toluene	10.49	92	39117	3.352	ug/l	98
64) Tetrachloroethene	11.24	164	9160	1.780	ug/l	96

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040419\
Data File : VD061584.D
Acq On : 4 Apr 2019 17:40
Operator : VA/AP
Sample : K2245-02
Misc : 5.46g/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-1-S2

Quant Time: Apr 05 01:51:41 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 569

Delta R.T. 0.00 min

Lab File: VD061584.D

Acq: 4 Apr 2019 17:40

Instrument :

MSVOA_D

ClientSampleId :

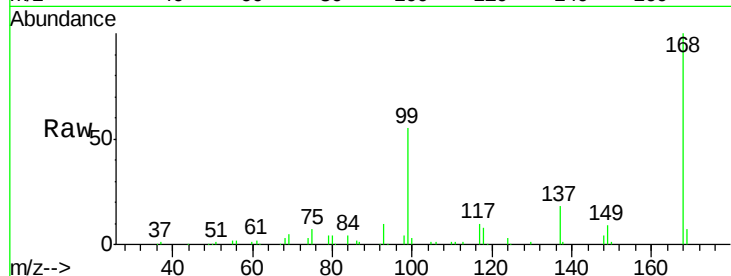
TP-1-S2

Tot Ion:168 Resp: 490315

Ion Ratio Lower Upper

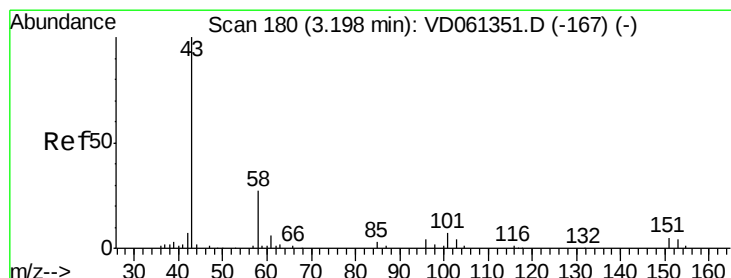
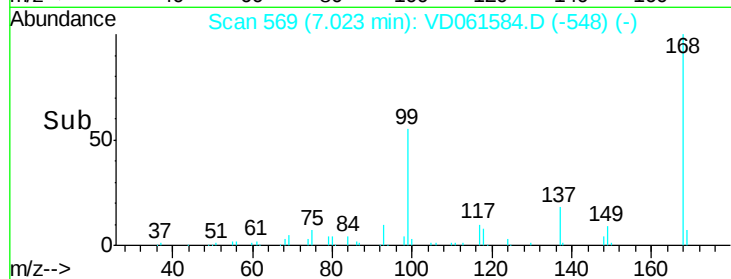
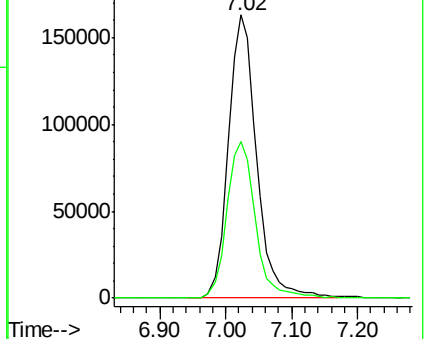
168 100

99 55.5 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 14.646 ug/l

RT: 3.20 min Scan# 181

Delta R.T. 0.00 min

Lab File: VD061584.D

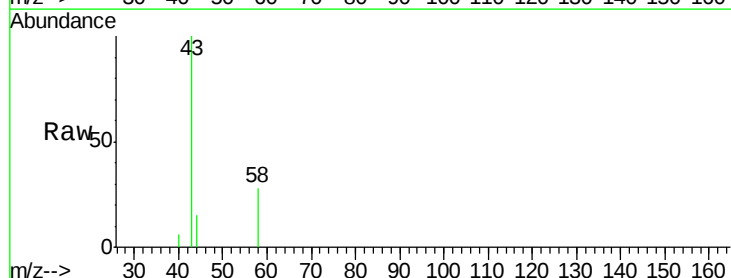
Acq: 4 Apr 2019 17:40

Tgt Ion: 43 Resp: 15770

Ion Ratio Lower Upper

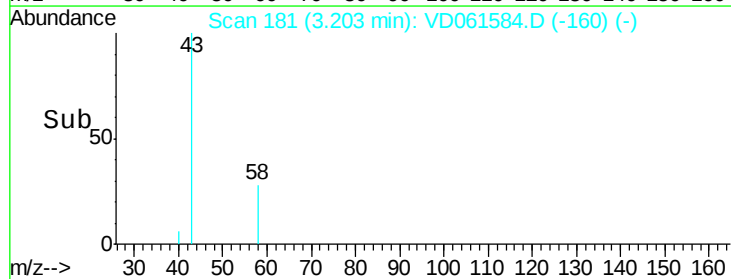
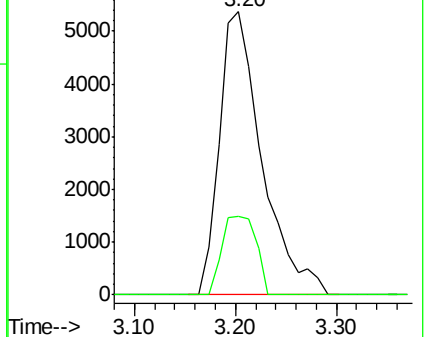
43 100

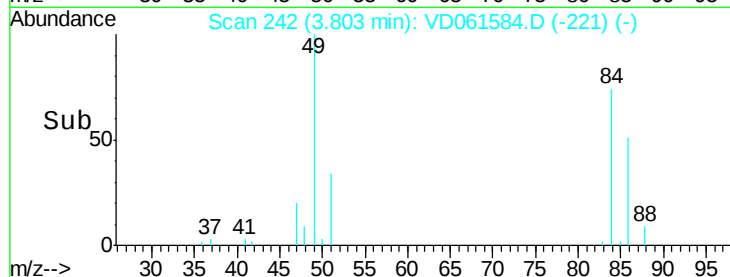
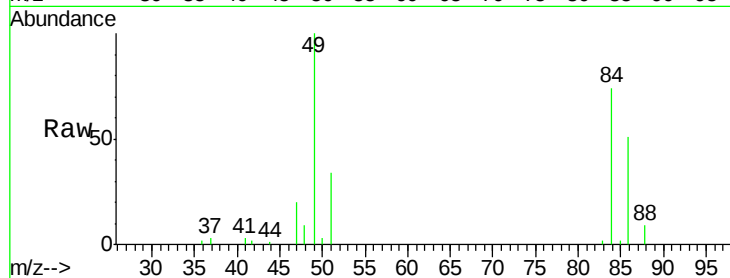
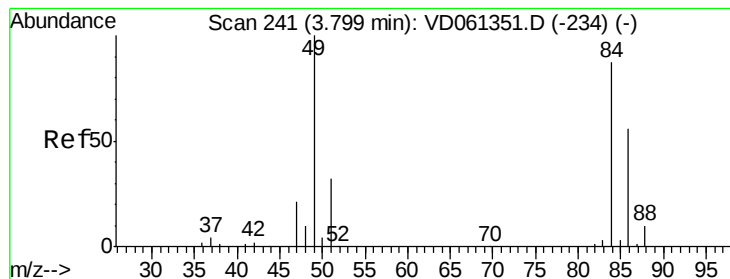
58 27.8 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 8.955 ug/l

RT: 3.80 min Scan# 242

Delta R.T. 0.00 min

Lab File: VD061584.D

Acq: 4 Apr 2019 17:40

Instrument :

MSVOA_D

ClientSampled :

TP-1-S2

Tot Ion: 84 Resp: 63518

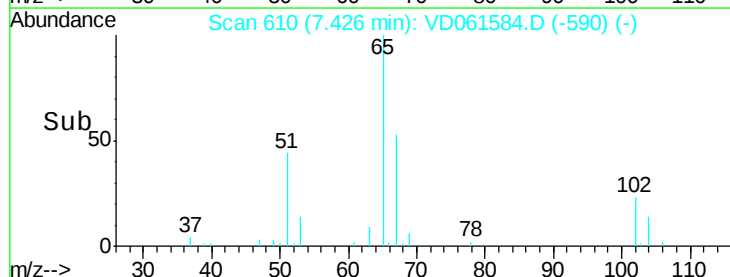
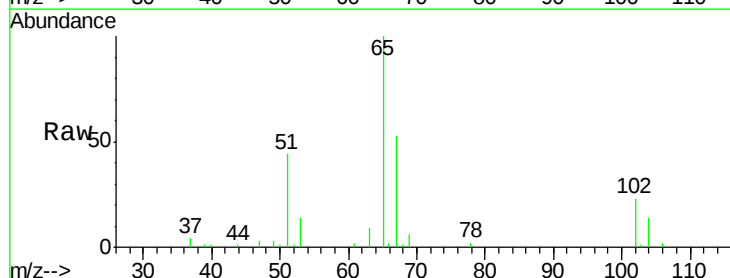
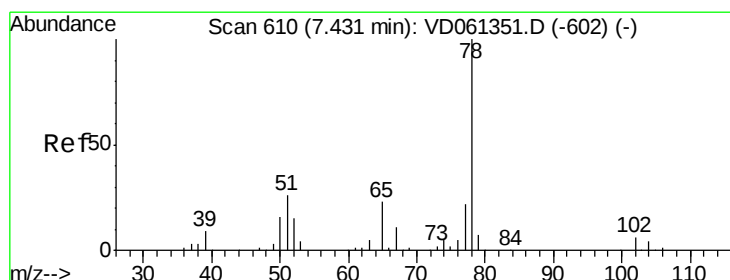
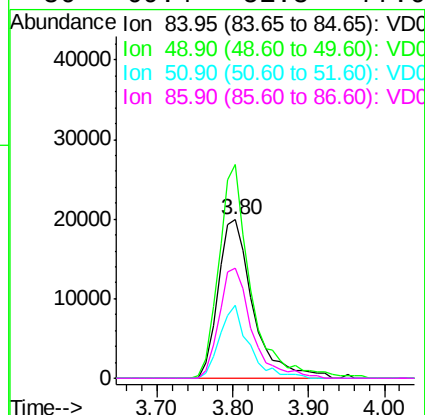
Ion Ratio Lower Upper

84 100

49 135.1 91.8 137.8

51 46.1 29.8 44.8#

86 69.4 51.8 77.6



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.01 min

Lab File: VD061584.D

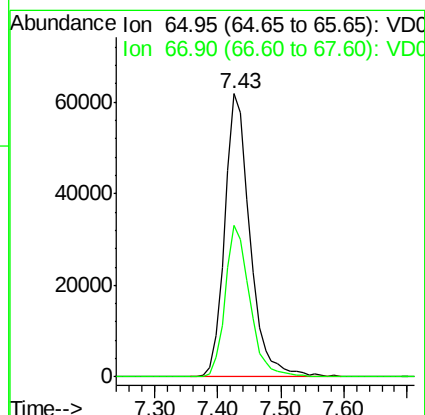
Acq: 4 Apr 2019 17:40

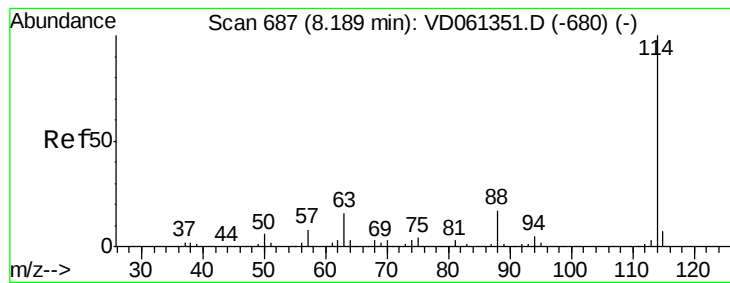
Tgt Ion: 65 Resp: 172139

Ion Ratio Lower Upper

65 100

67 53.4 0.0 99.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.19 min Scan# 688

Delta R.T. 0.00 min

Lab File: VD061584.D

Acq: 4 Apr 2019 17:40

Instrument :

MSVOA_D

ClientSampleId :

TP-1-S2

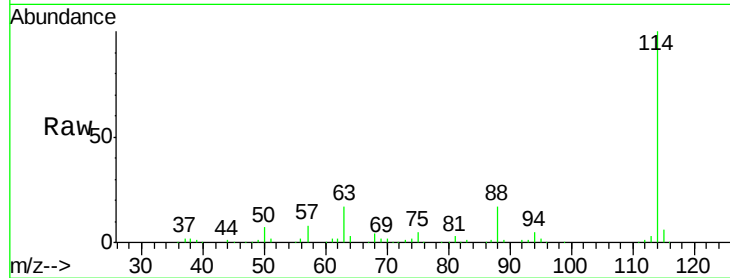
Tot Ion:114 Resp: 873345

Ion Ratio Lower Upper

114 100

63 16.6 0.0 31.6

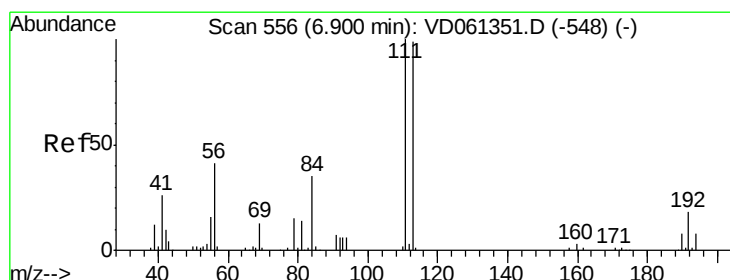
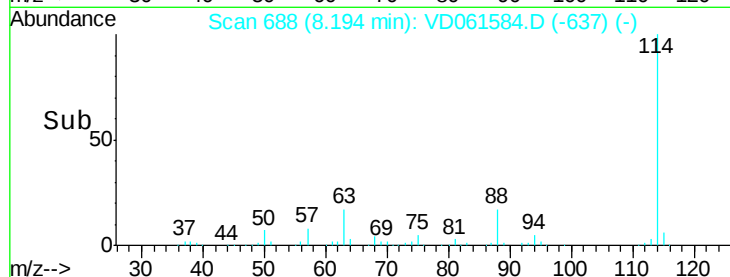
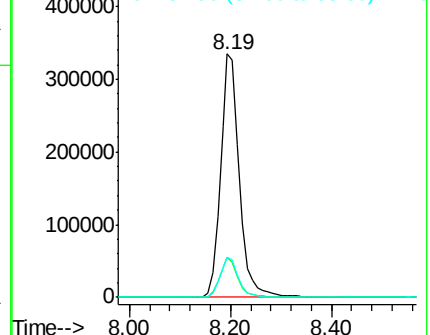
88 16.5 0.0 33.4



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: 6.90 min Scan# 557

Delta R.T. 0.00 min

Lab File: VD061584.D

Acq: 4 Apr 2019 17:40

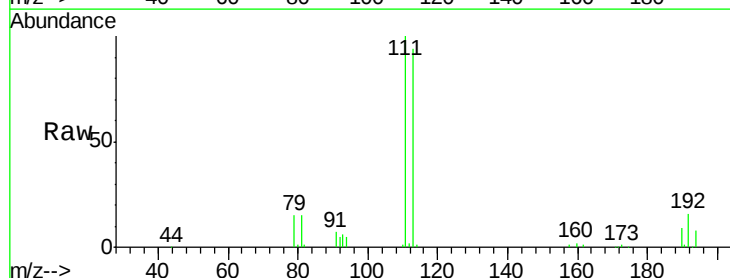
Tgt Ion:113 Resp: 282334

Ion Ratio Lower Upper

113 100

111 106.5 81.0 121.6

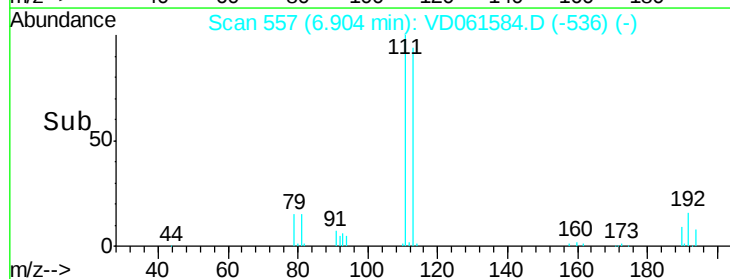
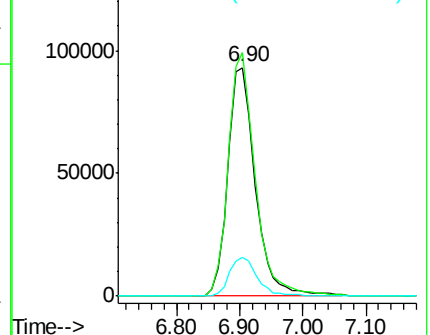
192 16.8 14.4 21.6

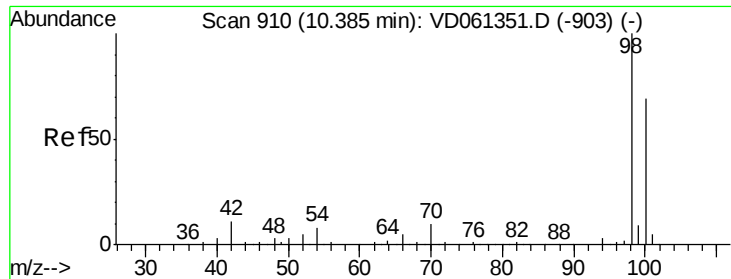


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

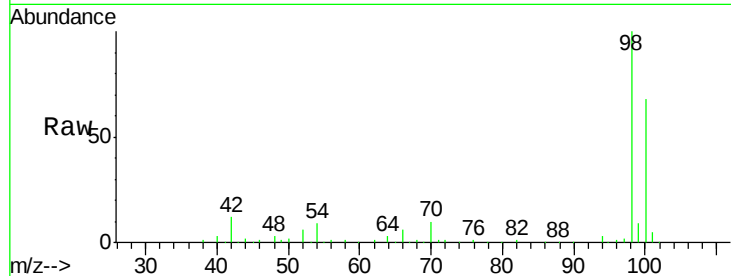




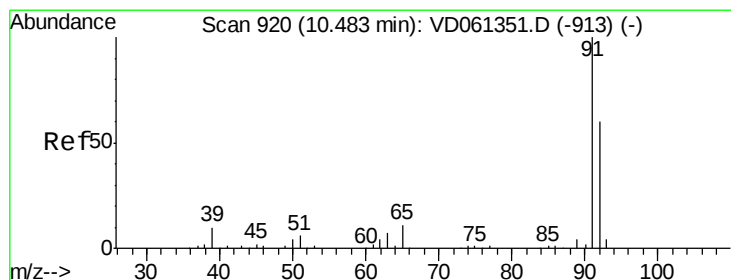
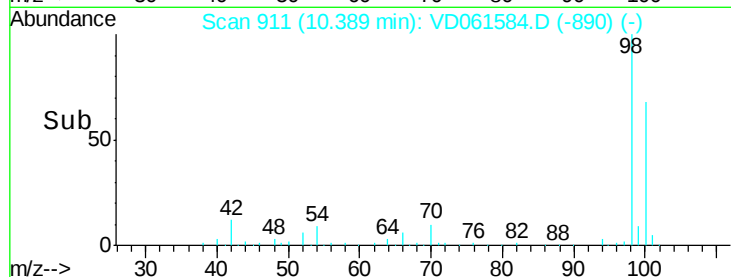
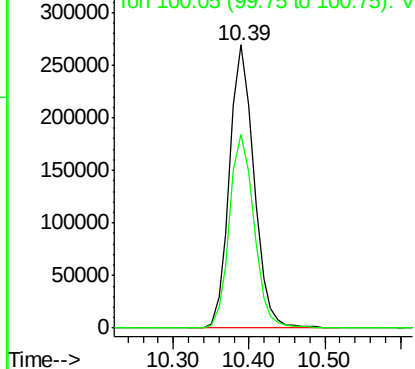
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.39 min Scan# 911
Delta R.T. 0.00 min
Lab File: VD061584.D
Acq: 4 Apr 2019 17:40

Instrument :
MSVOA_D
ClientSampleId :
TP-1-S2

Tot Ion: 98 Resp: 601767
Ion Ratio Lower Upper
98 100
100 68.3 56.2 84.2

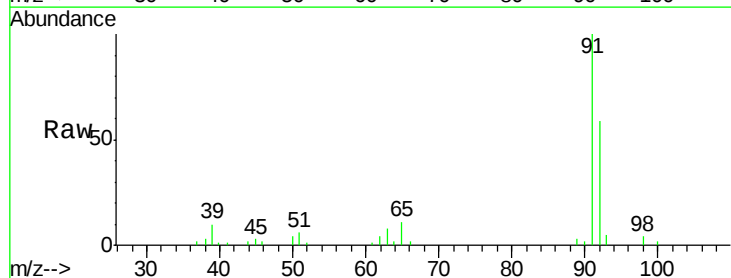


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

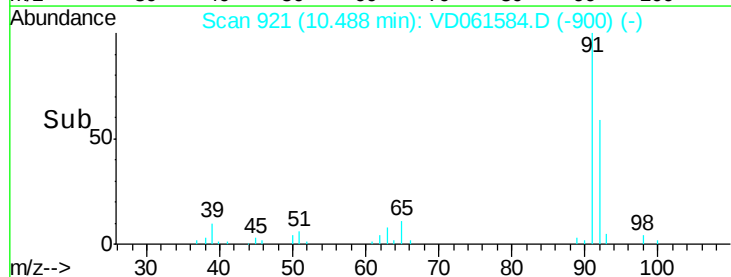
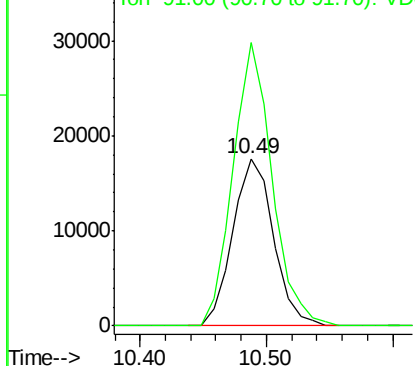


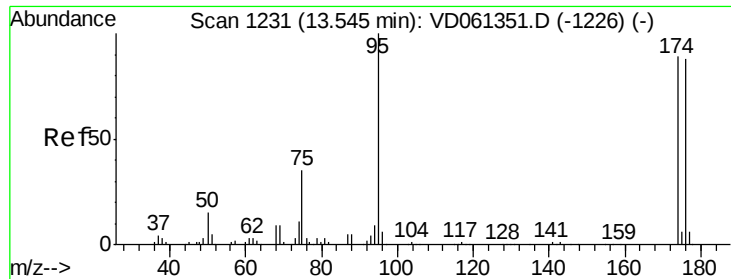
#52
Toluene
Concen: 3.352 ug/l
RT: 10.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: VD061584.D
Acq: 4 Apr 2019 17:40

Tgt Ion: 92 Resp: 39117
Ion Ratio Lower Upper
92 100
91 169.4 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC

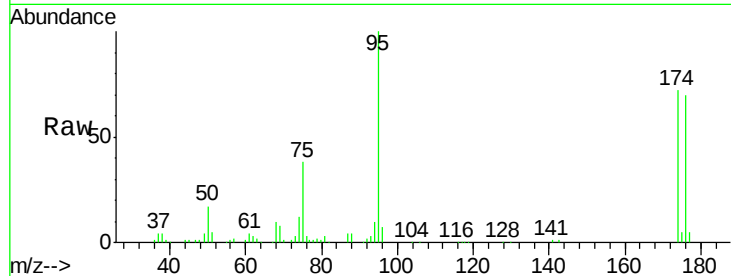




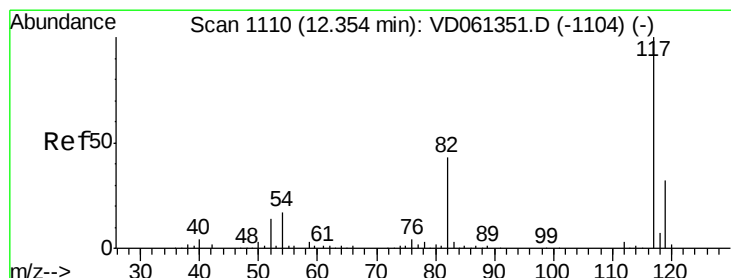
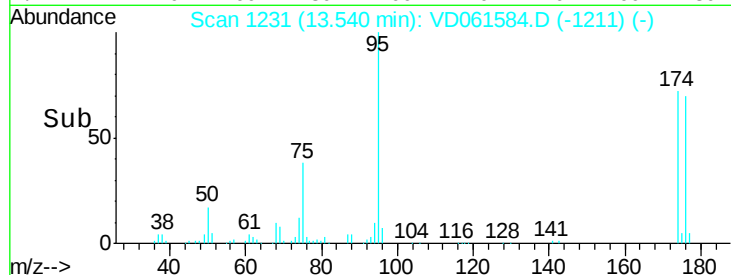
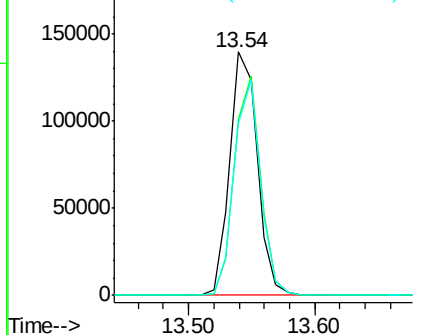
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD061584.D
Acq: 4 Apr 2019 17:40

Instrument :
MSVOA_D
ClientSampleId :
TP-1-S2

Tot Ion: 95 Resp: 210240
Ion Ratio Lower Upper
95 100
174 72.4 0.0 178.0
176 70.4 0.0 175.0

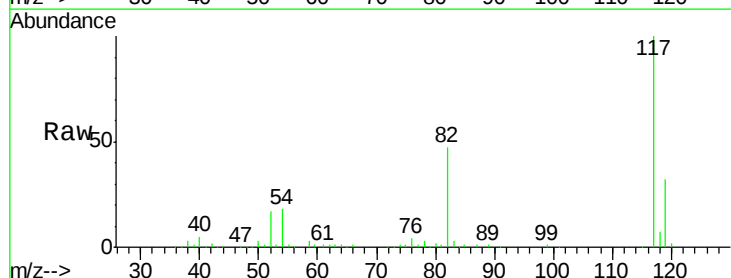


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

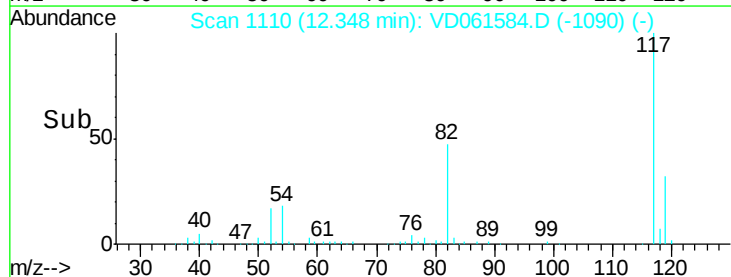
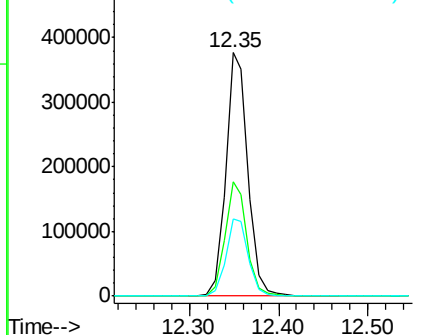


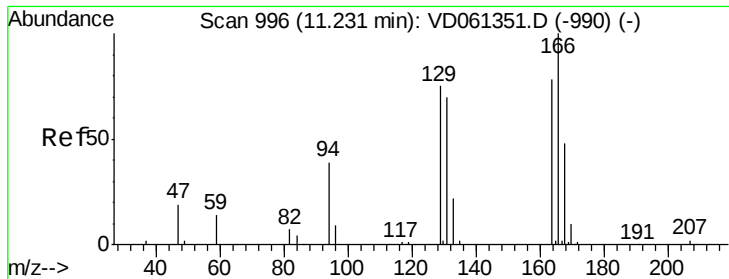
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD061584.D
Acq: 4 Apr 2019 17:40

Tgt Ion: 117 Resp: 655665
Ion Ratio Lower Upper
117 100
82 46.9 34.4 51.6
119 31.6 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

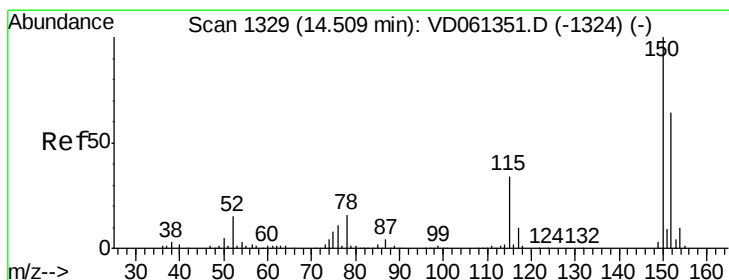
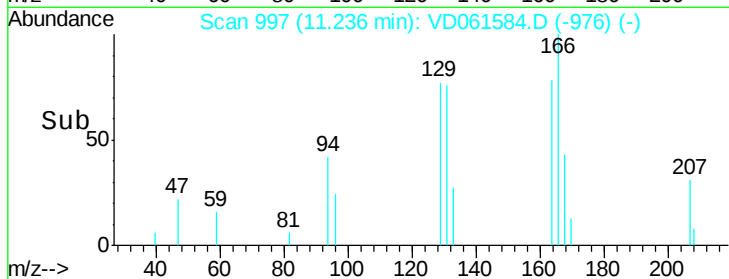
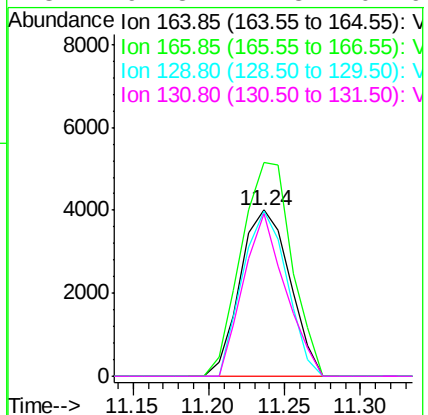
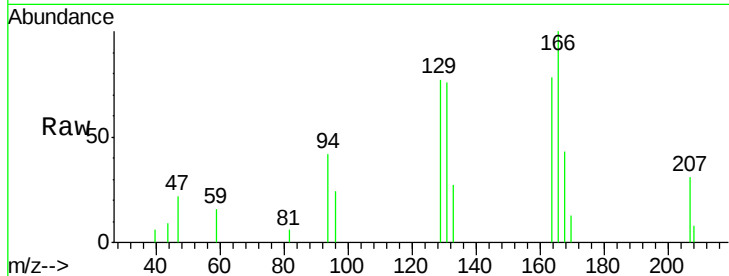




#64
Tetrachloroethene
Concen: 1.780 ug/l
RT: 11.24 min Scan# 997
Delta R.T. 0.00 min
Lab File: VD061584.D
Acq: 4 Apr 2019 17:40

Instrument :
MSVOA_D
ClientSampleId :
TP-1-S2

Tot Ion:164 Resp: 9160
Ion Ratio Lower Upper
164 100
166 128.5 102.4 153.6
129 99.3 76.8 115.2
131 97.8 71.8 107.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.50 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD061584.D
Acq: 4 Apr 2019 17:40

Tgt Ion:152 Resp: 227847
Ion Ratio Lower Upper
152 100
115 58.8 26.9 80.6
150 158.8 0.0 318.0

