

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040519\
 Data File : VD061620.D
 Acq On : 5 Apr 2019 14:54
 Operator : VA/AP
 Sample : K2214-07
 Misc : 5.55g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2-D

Quant Time: Apr 06 06:46:30 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

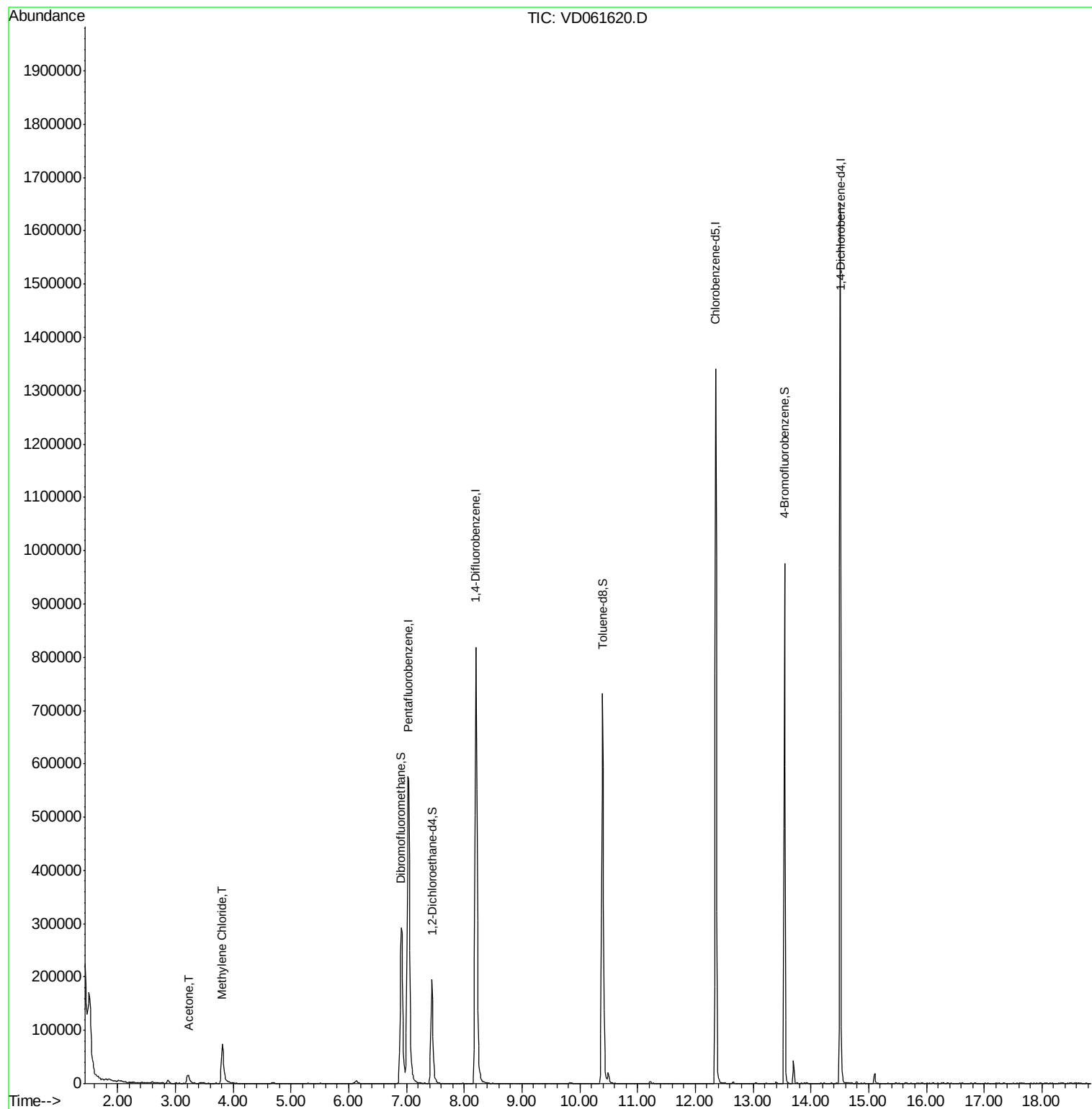
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	619178	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.20	114	1038552	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	826787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	373810	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	191458	36.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.40%	
35) Dibromofluoromethane	6.91	113	297180	37.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.88%	
50) Toluene-d8	10.39	98	671025	35.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.50%	
62) 4-Bromofluorobenzene	13.54	95	298355	40.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.74%	
Target Compounds						
16) Acetone	3.22	43	39113	28.766	ug/l	Qvalue 100
20) Methylene Chloride	3.81	84	61846	6.447	ug/l	96

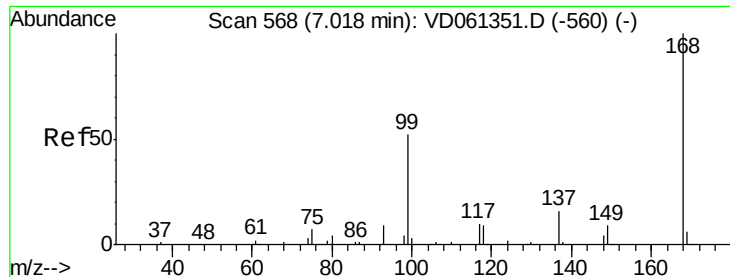
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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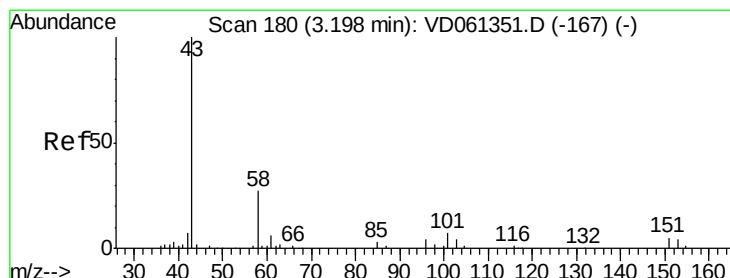
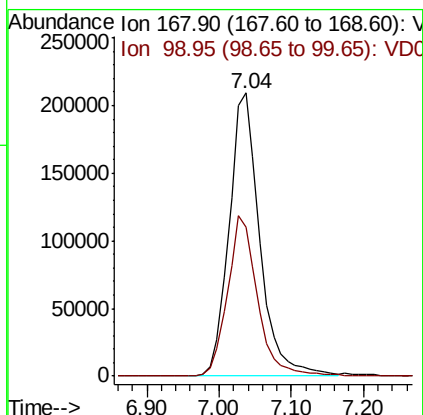
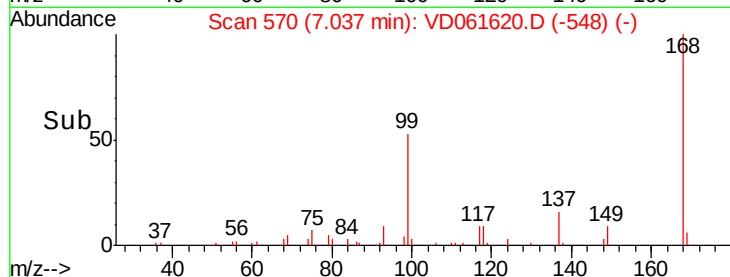
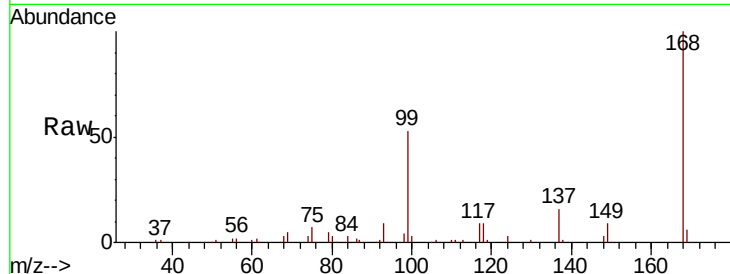




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.02 min
Lab File: VD061620.D
Acq: 5 Apr 2019 14:54

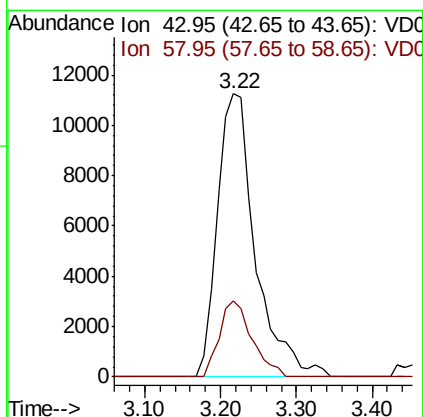
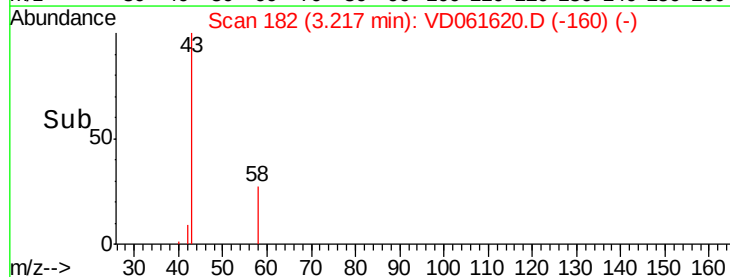
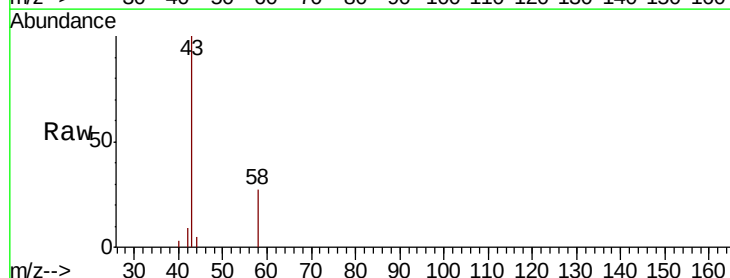
Instrument :
MSVOA_D
ClientSampleId :
TP-2-D

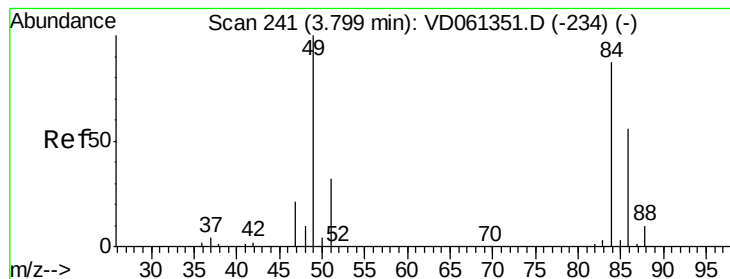
Tot Ion:168 Resp: 619178
Ion Ratio Lower Upper
168 100
99 52.6 43.1 64.7



#16
Acetone
Concen: 28.766 ug/l
RT: 3.22 min Scan# 182
Delta R.T. 0.02 min
Lab File: VD061620.D
Acq: 5 Apr 2019 14:54

Tgt Ion: 43 Resp: 39113
Ion Ratio Lower Upper
43 100
58 26.7 21.5 32.3





#20

Methylene Chloride

Concen: 6.447 ug/l

RT: 3.81 min Scan# 242

Delta R.T. 0.01 min

Lab File: VD061620.D

Acq: 5 Apr 2019 14:54

Instrument :

MSVOA_D

ClientSampleId :

TP-2-D

Tot Ion: 84 Resp: 61846

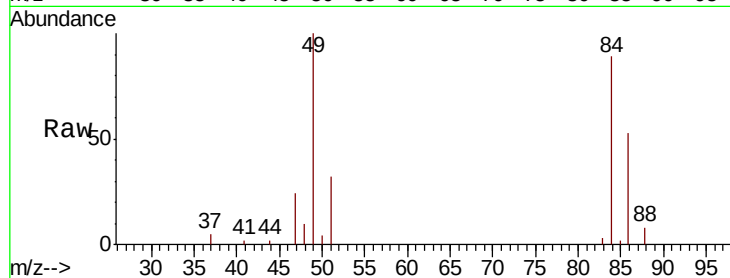
Ion Ratio Lower Upper

84 100

49 112.2 91.8 137.8

51 36.0 29.8 44.8

86 59.5 51.8 77.6

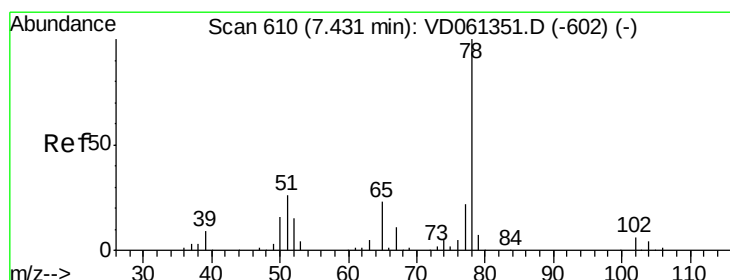
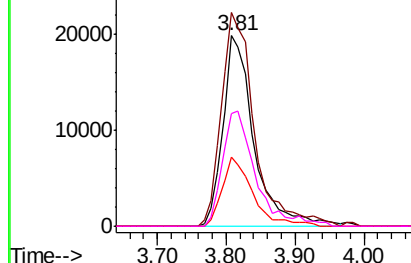
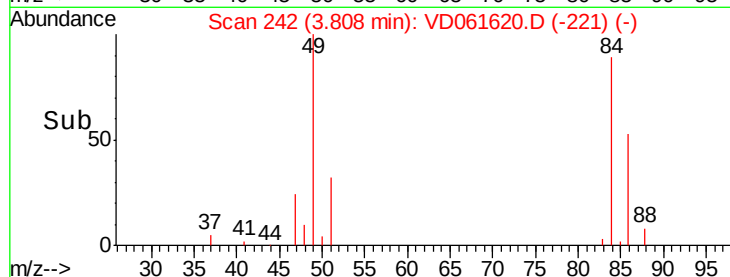


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 7.44 min Scan# 611

Delta R.T. 0.01 min

Lab File: VD061620.D

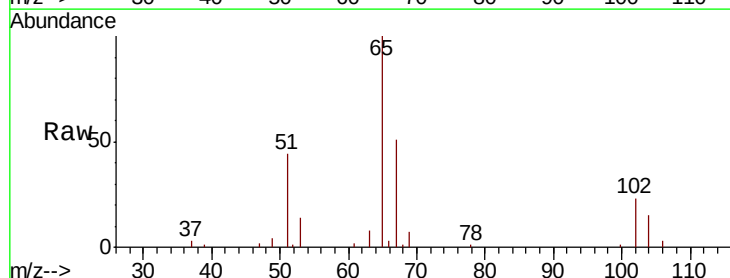
Acq: 5 Apr 2019 14:54

Tgt Ion: 65 Resp: 191458

Ion Ratio Lower Upper

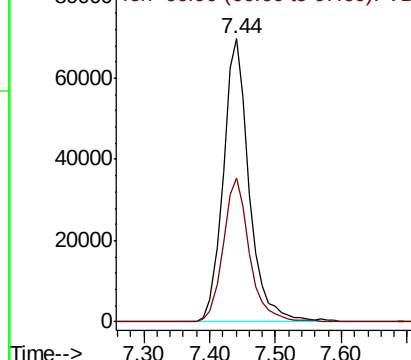
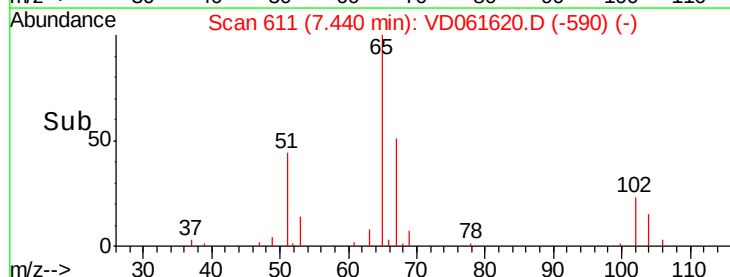
65 100

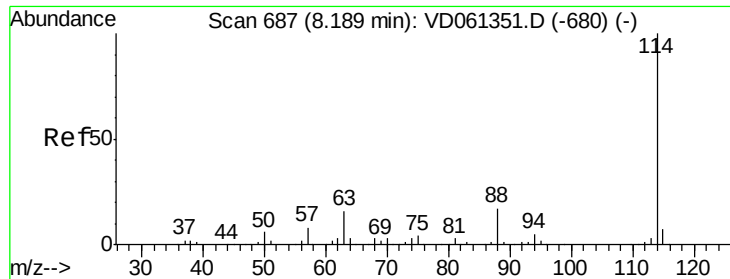
67 50.8 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

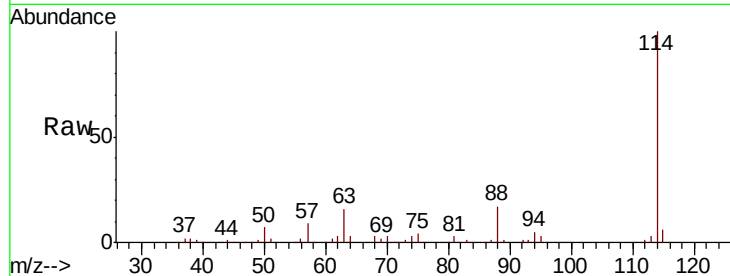




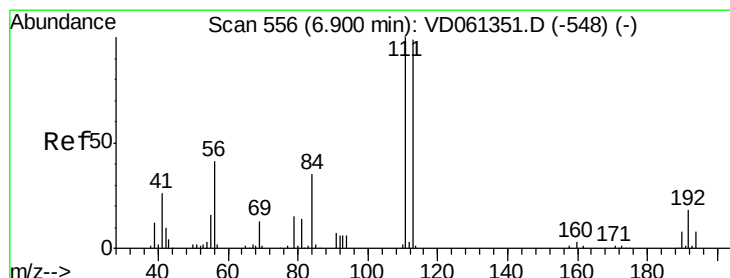
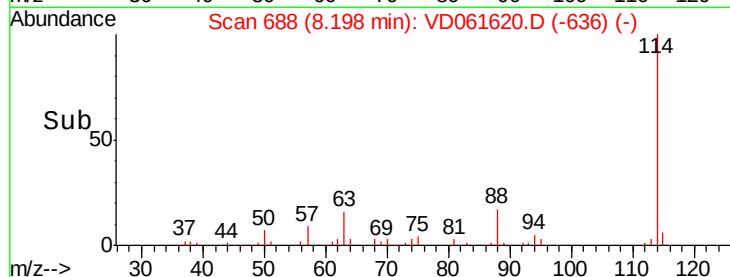
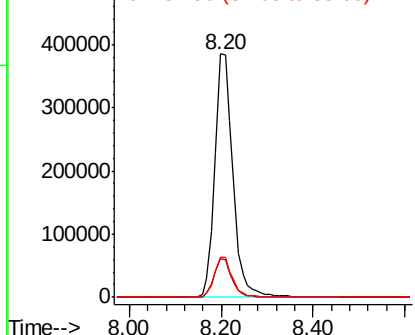
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: VD061620.D
 Acq: 5 Apr 2019 14:54

Instrument :
 MSVOA_D
 ClientSampleID :
 TP-2-D

Tot Ion:114 Resp: 1038552
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 31.6
 88 16.6 0.0 33.4

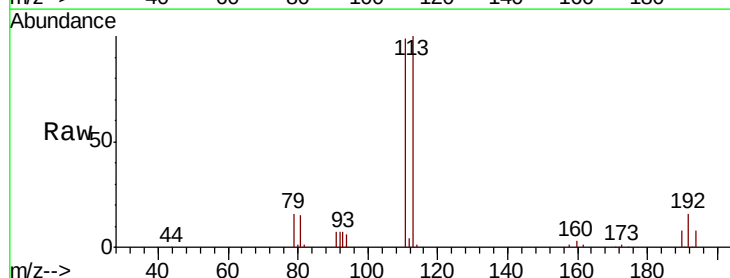


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

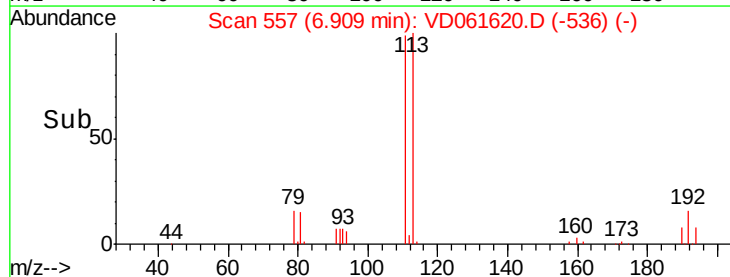
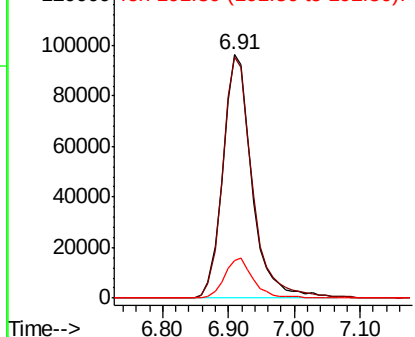


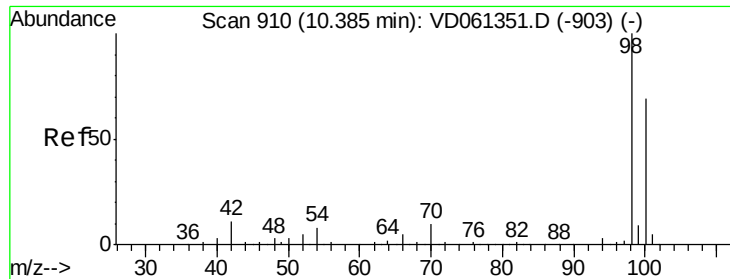
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: VD061620.D
 Acq: 5 Apr 2019 14:54

Tgt Ion:113 Resp: 297180
 Ion Ratio Lower Upper
 113 100
 111 99.1 81.0 121.6
 192 15.6 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

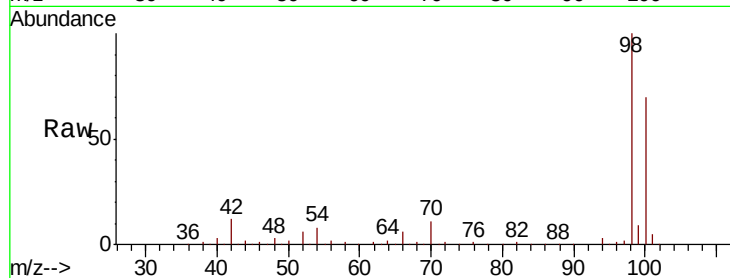




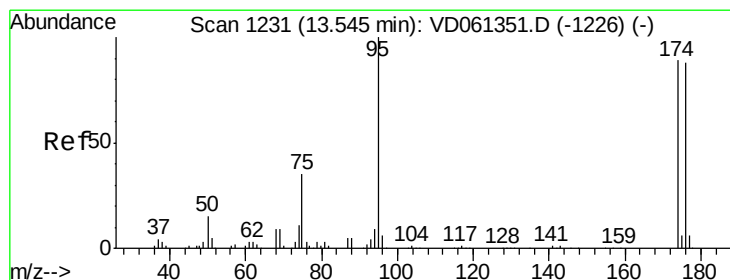
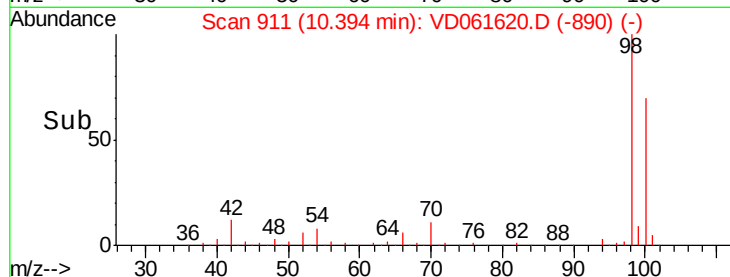
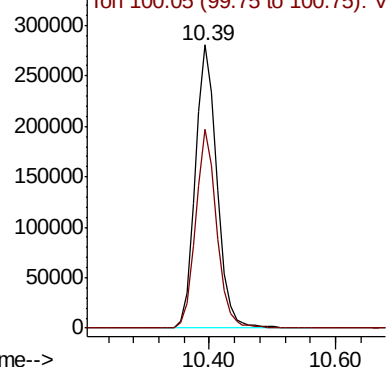
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.39 min Scan# 911
Delta R.T. 0.01 min
Lab File: VD061620.D
Acq: 5 Apr 2019 14:54

Instrument :
MSVOA_D
ClientSampleId :
TP-2-D

Tot Ion: 98 Resp: 671025
Ion Ratio Lower Upper
98 100
100 70.2 56.2 84.2

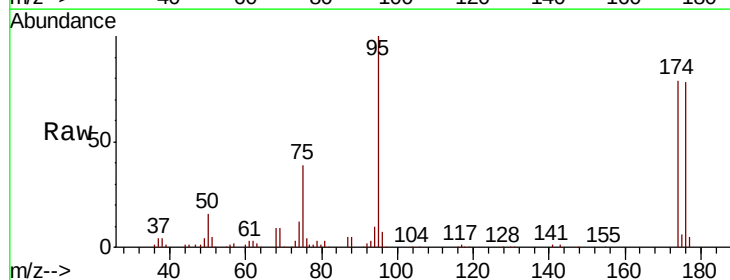


Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)
Ion 100.05 (99.75 to 100.75): VD061351.D (-903) (-)

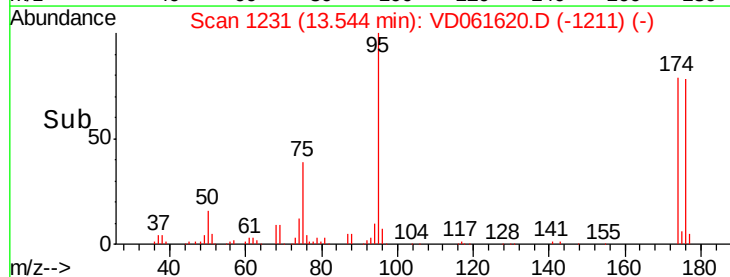
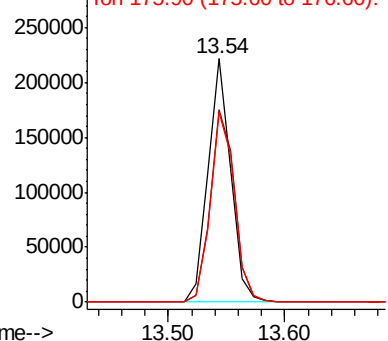


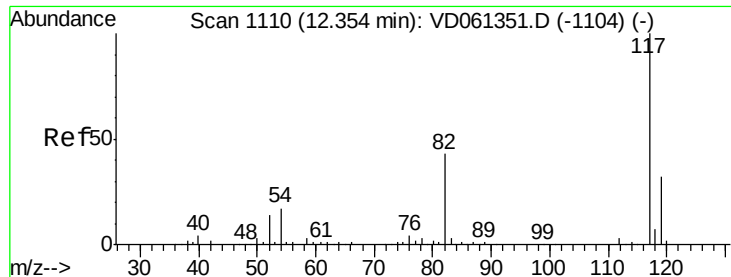
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD061620.D
Acq: 5 Apr 2019 14:54

Tgt Ion: 95 Resp: 298355
Ion Ratio Lower Upper
95 100
174 79.0 0.0 178.0
176 78.1 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) (-)

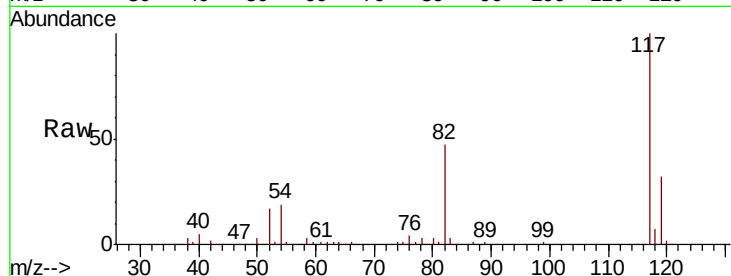




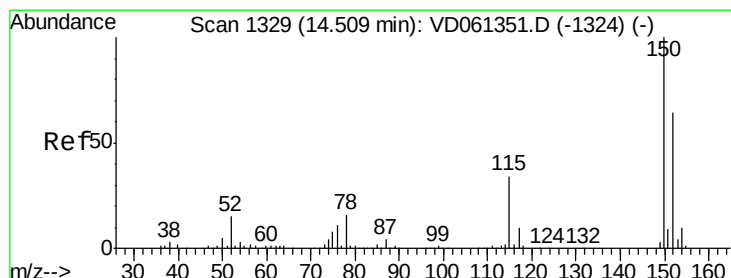
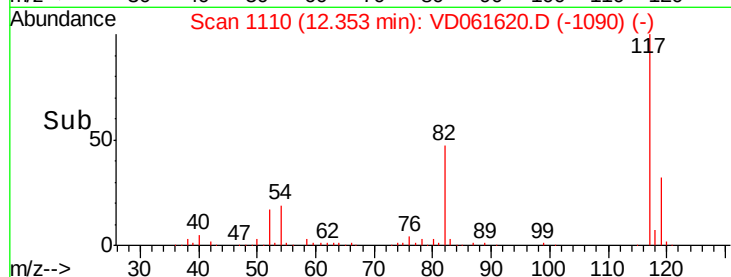
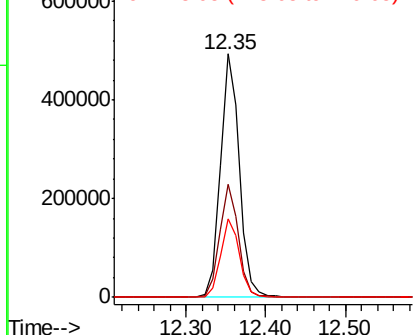
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD061620.D
Acq: 5 Apr 2019 14:54

Instrument :
MSVOA_D
ClientSampleId :
TP-2-D

Tot Ion:117 Resp: 826787
Ion Ratio Lower Upper
117 100
82 46.6 34.4 51.6
119 32.4 25.8 38.6

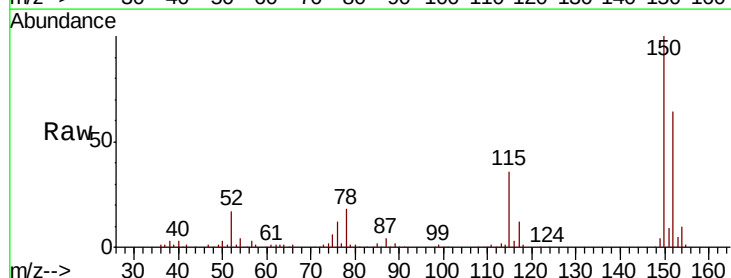


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD061620.D
Acq: 5 Apr 2019 14:54

Tgt Ion:152 Resp: 373810
Ion Ratio Lower Upper
152 100
115 56.1 26.9 80.6
150 157.1 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

