

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122118\
 Data File : VD060685.D
 Acq On : 21 Dec 2018 15:50
 Operator : VA/AP
 Sample : J6200-01
 Misc : 6.01g/5ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-122018

Quant Time: Dec 21 22:37:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 17:37:47 2018
 Response via : Initial Calibration

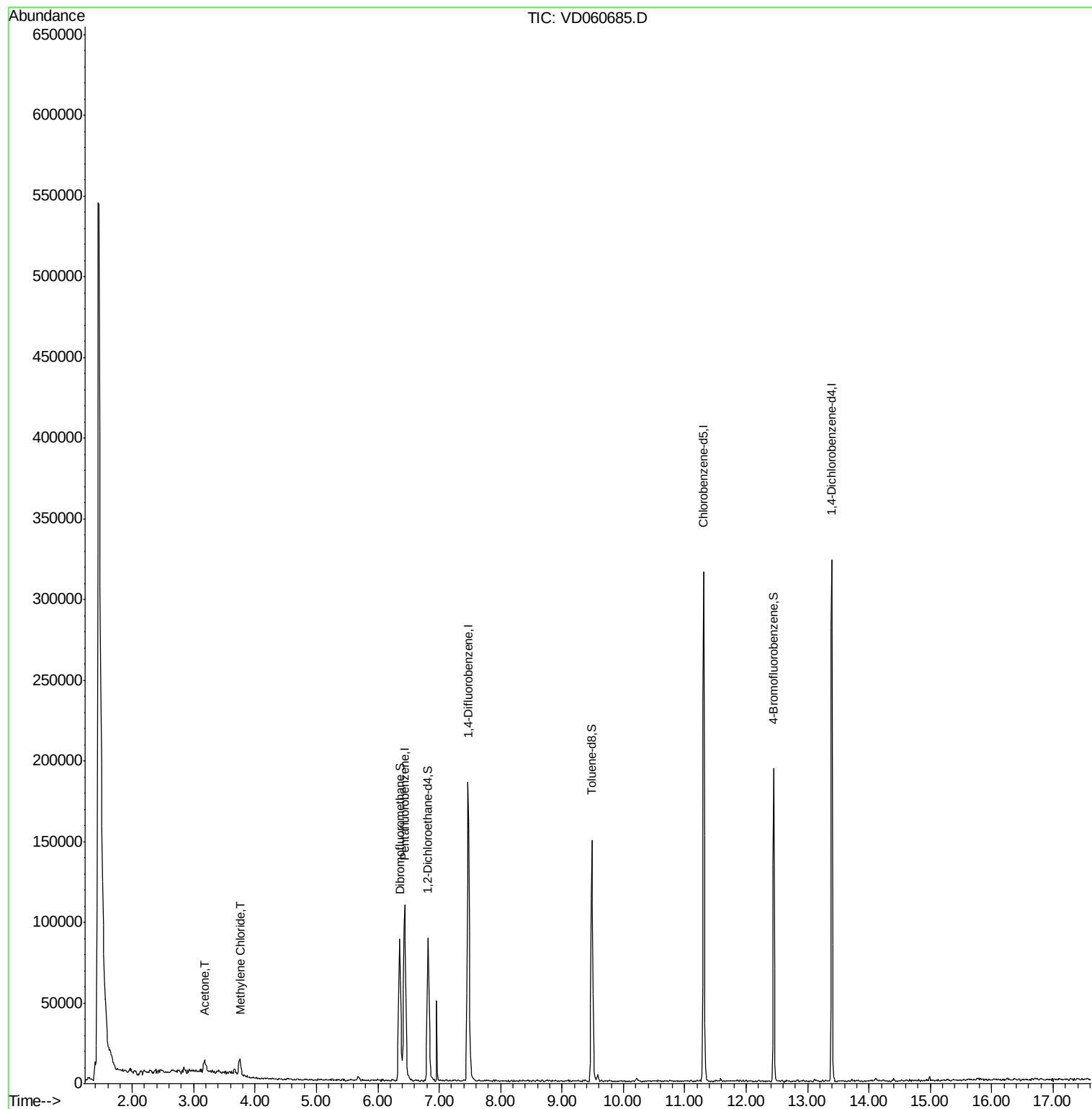
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.44	168	107621	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.47	114	187337	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.31	117	162669	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	13.40	152	78125	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.81	65	75004	100.85	ug/l	0.02
Spiked Amount 50.000			Recovery	=	201.70%	
35) Dibromofluoromethane	6.36	113	69783	50.89	ug/l	0.03
Spiked Amount 50.000			Recovery	=	101.78%	
50) Toluene-d8	9.49	98	114494	27.99	ug/l	0.03
Spiked Amount 50.000			Recovery	=	55.98%	
62) 4-Bromofluorobenzene	12.45	95	52345	36.53	ug/l	0.03
Spiked Amount 50.000			Recovery	=	73.06%	
Target Compounds						
16) Acetone	3.18	43	16464	126.760	ug/l #	90
20) Methylene Chloride	3.76	84	6108	4.528	ug/l #	92

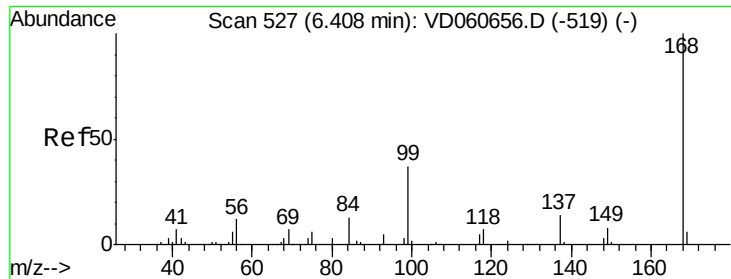
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.44 min Scan# 530

Delta R.T. 0.03 min

Lab File: VD060685.D

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MSVOA_D

ClientSampleId :

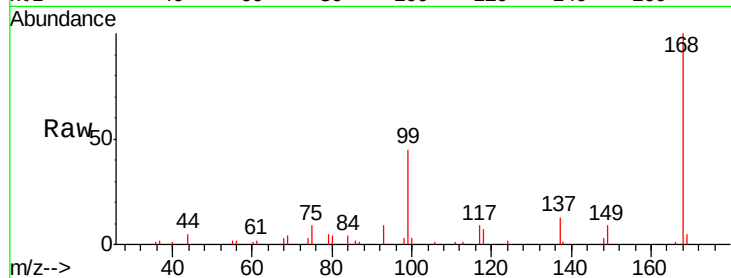
TR-05-122018

Tgt Ion:168 Resp: 107621

Ion Ratio Lower Upper

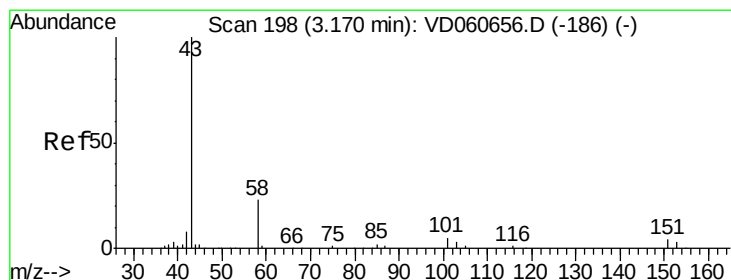
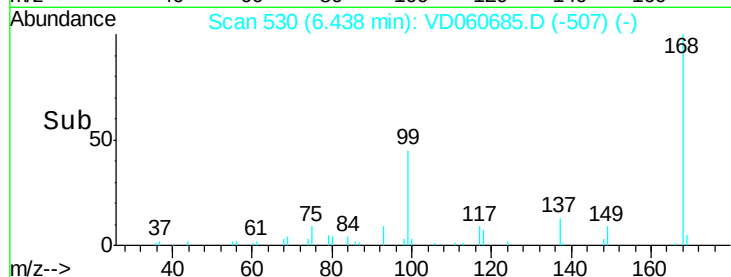
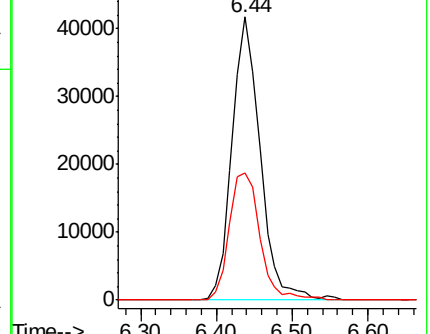
168 100

99 44.9 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 126.760 ug/l

RT: 3.18 min Scan# 199

Delta R.T. 0.01 min

Lab File: VD060685.D

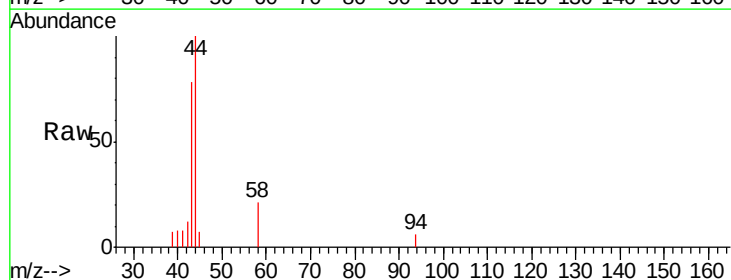
Acq: 21 Dec 2018 15:50

Tgt Ion: 43 Resp: 16464

Ion Ratio Lower Upper

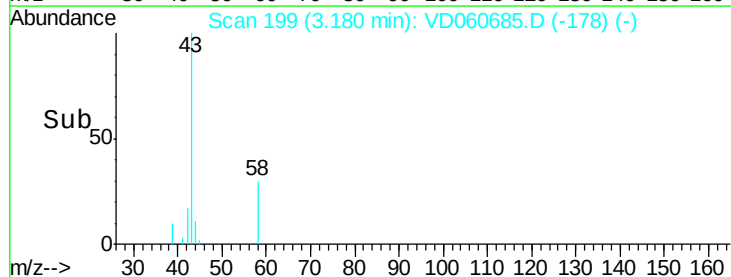
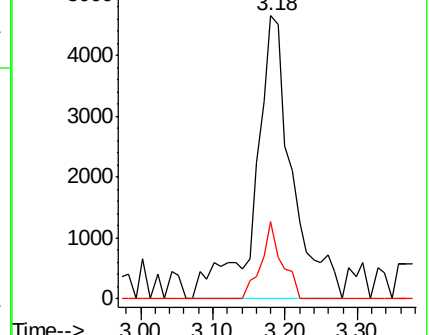
43 100

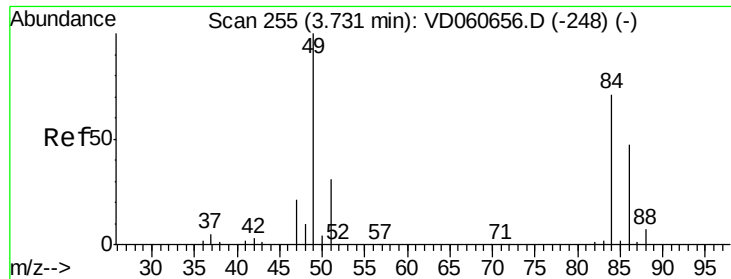
58 27.5 18.2 27.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

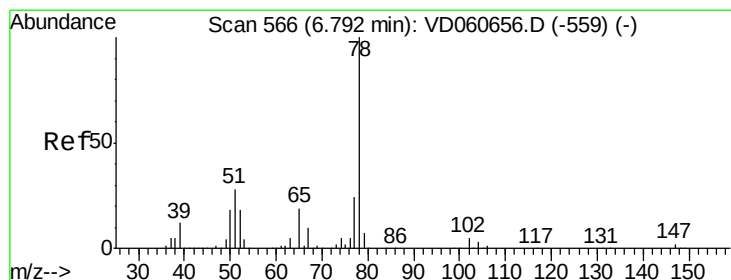
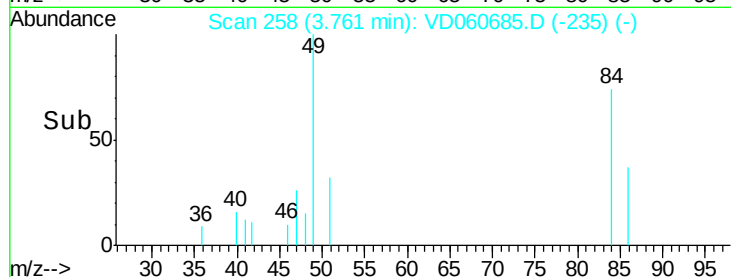
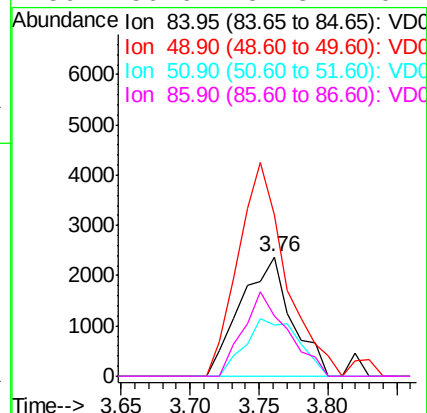
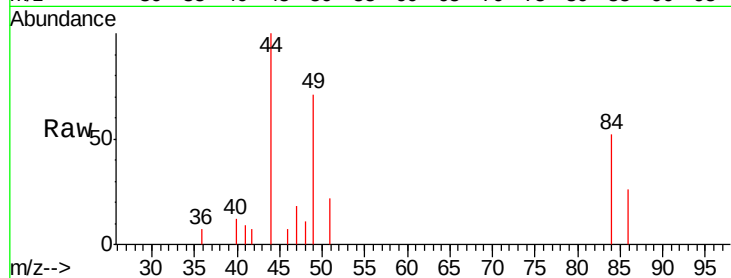




#20
Methylene Chloride
Concen: 4.528 ug/l
RT: 3.76 min Scan# 258
Delta R.T. 0.03 min
Lab File: VD060685.D
Acq: 21 Dec 2018 15:50

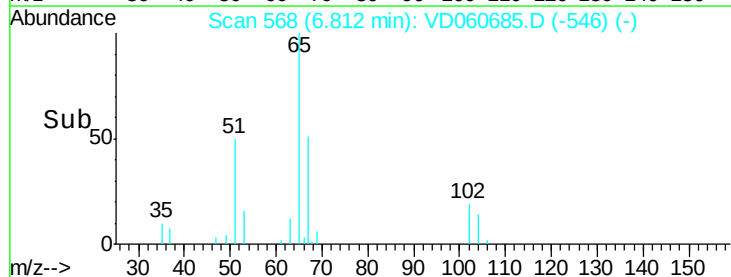
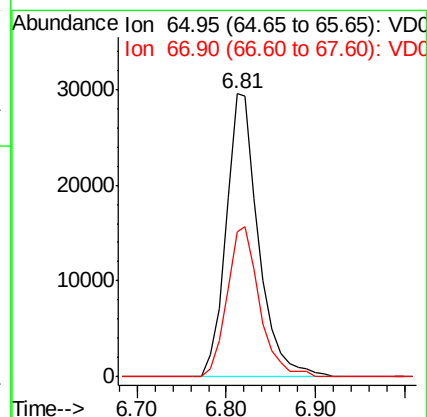
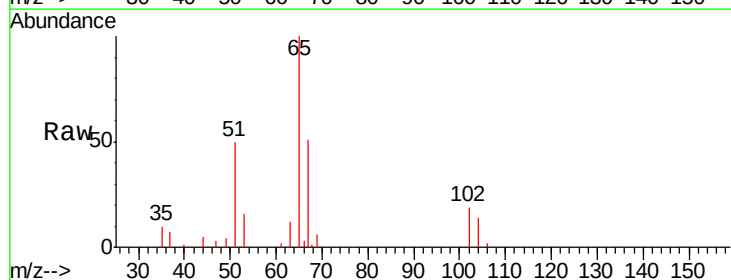
Instrument :
MSVOA_D
ClientSampleId :
TR-05-122018

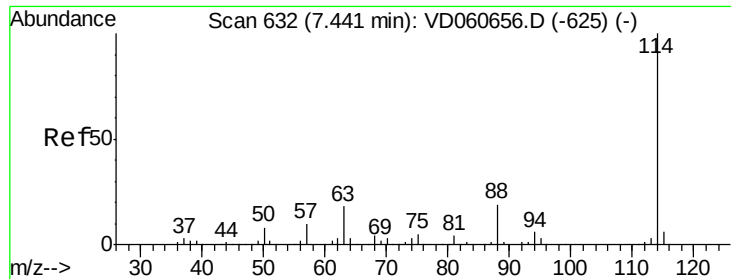
Tgt Ion: 84 Resp: 6108
Ion Ratio Lower Upper
84 100
49 135.7 113.6 170.4
51 42.8 34.7 52.1
86 50.6 52.8 79.2#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.81 min Scan# 568
Delta R.T. 0.02 min
Lab File: VD060685.D
Acq: 21 Dec 2018 15:50

Tgt Ion: 65 Resp: 75004
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.4

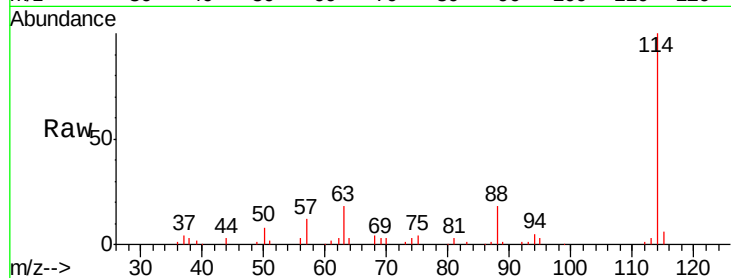




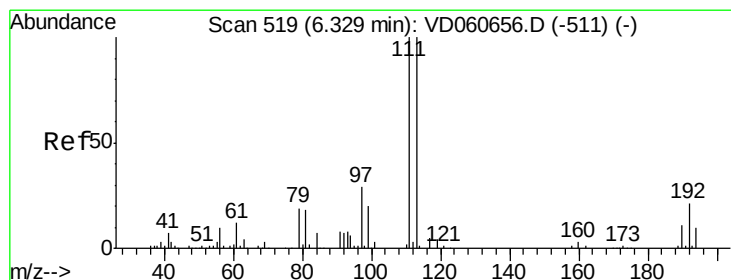
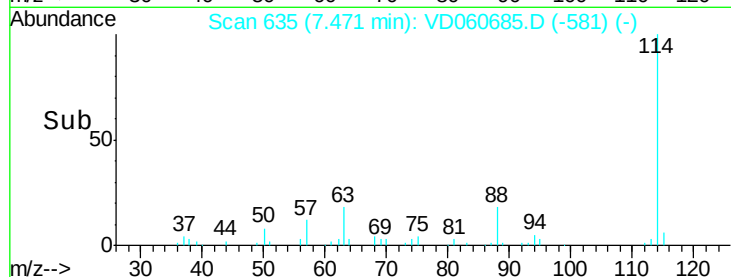
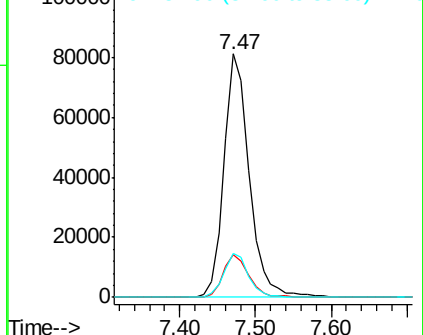
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.47 min Scan# 635
 Delta R.T. 0.03 min
 Lab File: VD060685.D
 Acq: 21 Dec 2018 15:50

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-122018

Tgt Ion:114 Resp: 187337
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 36.2
 88 18.0 0.0 37.0

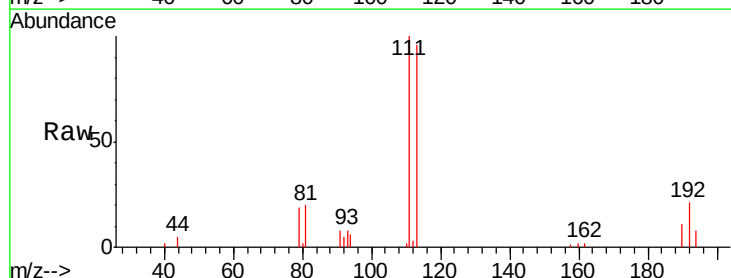


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VD
 Ion 87.90 (87.60 to 88.60): VD

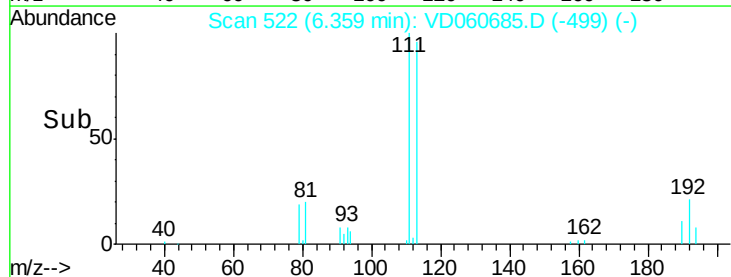
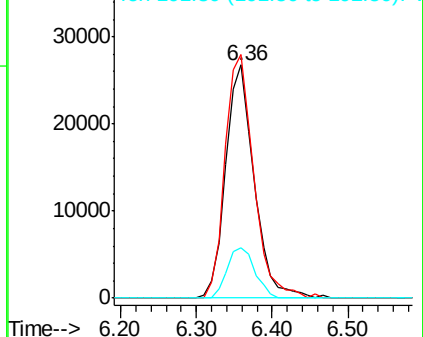


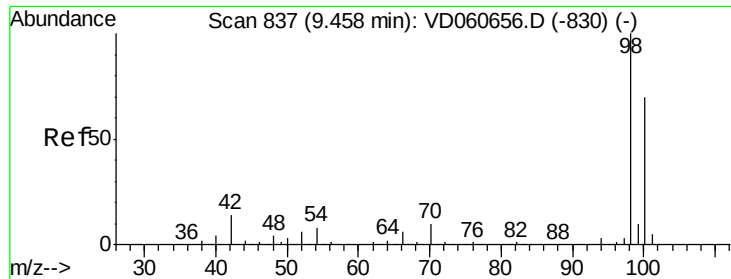
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.36 min Scan# 522
 Delta R.T. 0.03 min
 Lab File: VD060685.D
 Acq: 21 Dec 2018 15:50

Tgt Ion:113 Resp: 69783
 Ion Ratio Lower Upper
 113 100
 111 104.5 80.0 120.0
 192 21.6 16.6 25.0



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

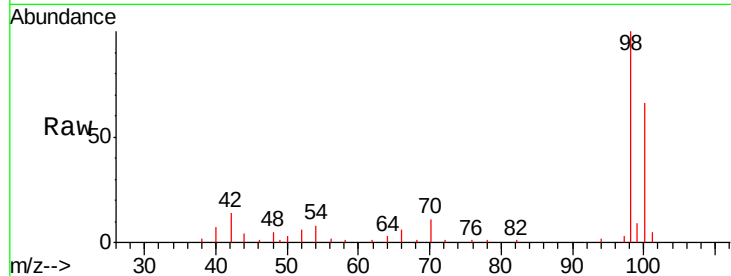




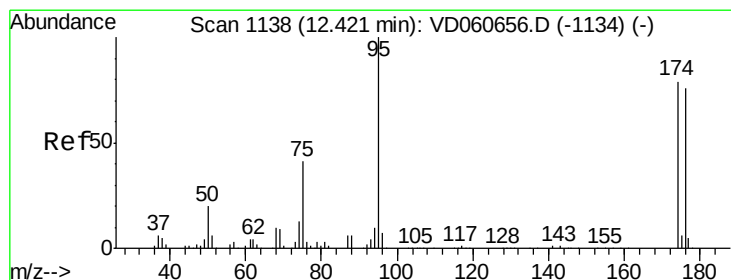
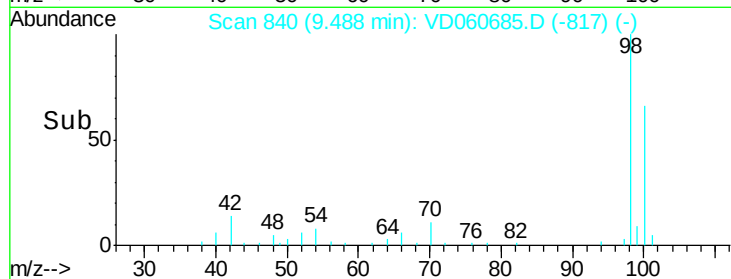
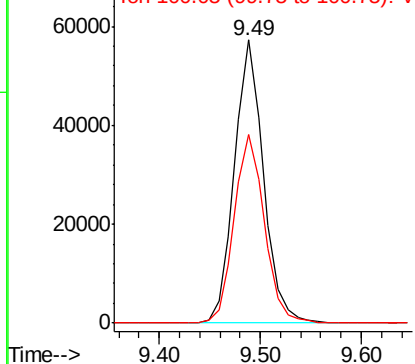
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.49 min Scan# 840
Delta R.T. 0.03 min
Lab File: VD060685.D
Acq: 21 Dec 2018 15:50

Instrument :
MSVOA_D
ClientSampleId :
TR-05-122018

Tgt Ion: 98 Resp: 114494
Ion Ratio Lower Upper
98 100
100 66.5 55.8 83.8

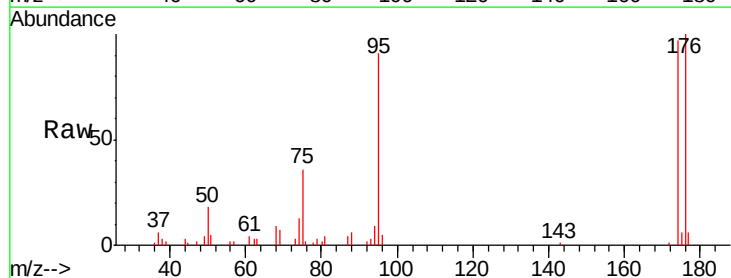


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

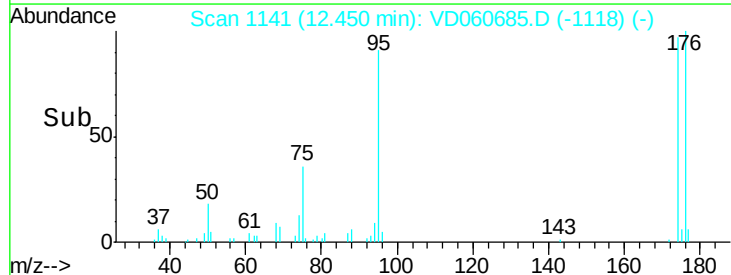
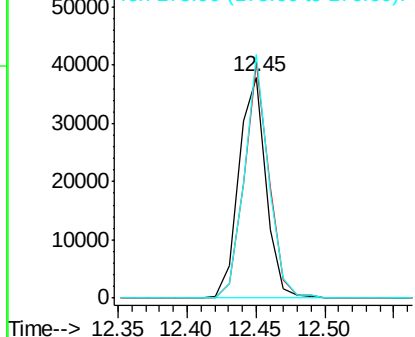


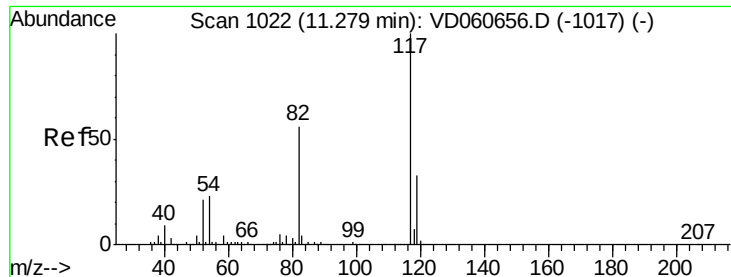
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.45 min Scan# 1141
Delta R.T. 0.03 min
Lab File: VD060685.D
Acq: 21 Dec 2018 15:50

Tgt Ion: 95 Resp: 52345
Ion Ratio Lower Upper
95 100
174 106.6 0.0 158.2
176 110.1 0.0 152.4



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

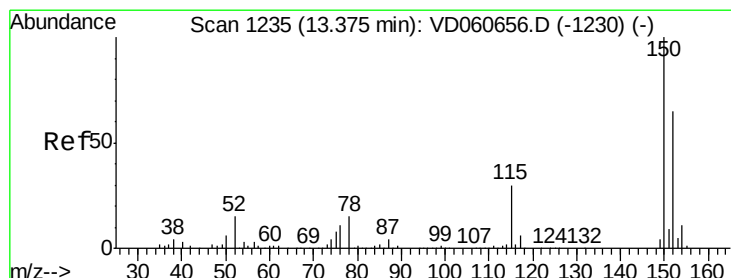
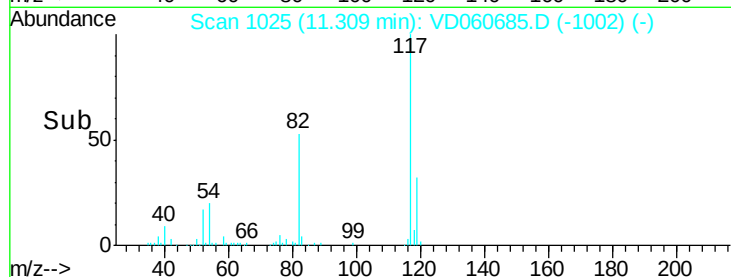
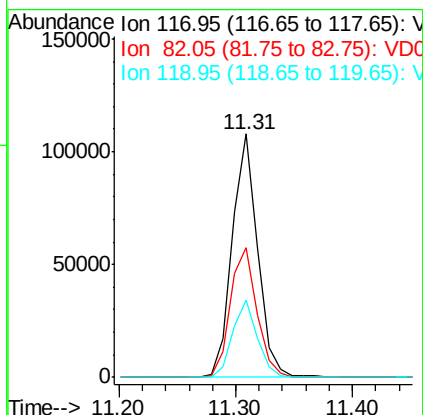
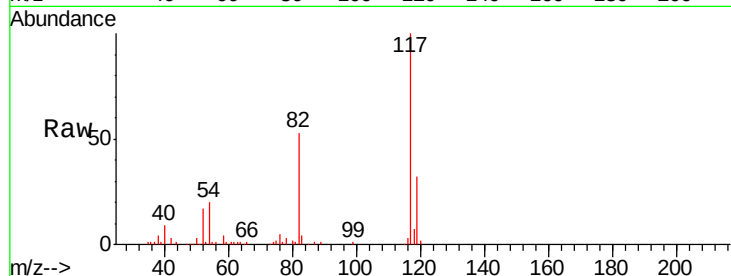




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.31 min Scan# 1025
Delta R.T. 0.03 min
Lab File: VD060685.D
Acq: 21 Dec 2018 15:50

Instrument :
MSVOA_D
ClientSampleId :
TR-05-122018

Tgt Ion:117 Resp: 162669
Ion Ratio Lower Upper
117 100
82 53.1 44.5 66.7
119 31.7 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.40 min Scan# 1237
Delta R.T. 0.02 min
Lab File: VD060685.D
Acq: 21 Dec 2018 15:50

Tgt Ion:152 Resp: 78125
Ion Ratio Lower Upper
152 100
115 48.3 24.1 72.3
150 155.5 0.0 315.0

