

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003624.D
 Acq On : 27 Jun 2018 19:50
 Operator : SY/AP
 Sample : J3048-15
 Misc : 5.59G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-D

Quant Time: Jun 28 07:07:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	133355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	219622	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	187706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	68787	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	58609	40.58	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	81.16%	
35) Dibromofluoromethane	7.89	113	51366	37.64	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	75.28%	
50) Toluene-d8	10.33	98	172612	31.90	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	63.80%	
62) 4-Bromofluorobenzene	12.62	95	54616	28.52	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	57.04%	

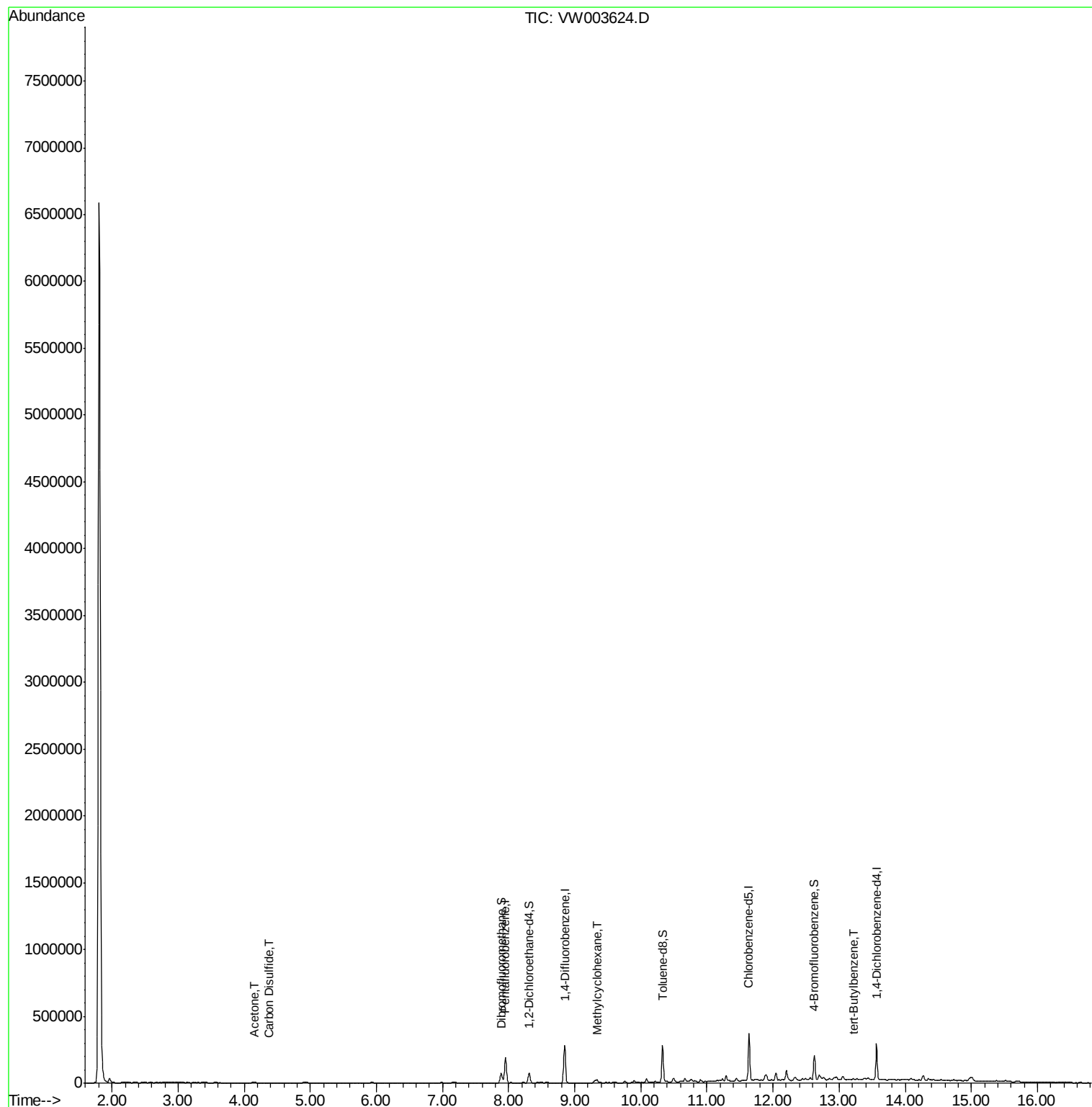
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	21028	69.41	ug/l	90
17) Carbon Disulfide	4.38	76	5182	1.45	ug/l #	90
39) Methylcyclohexane	9.34	83	10048	4.09	ug/l	95
83) tert-Butylbenzene	13.21	119	5045	1.47	ug/l	86

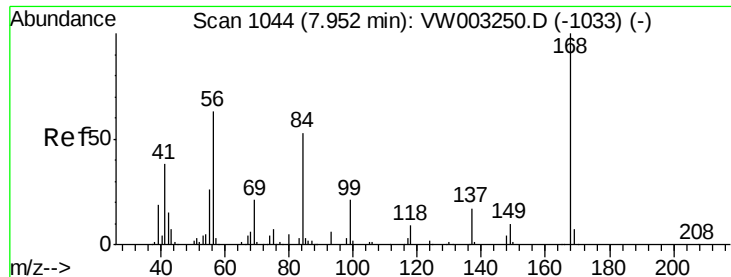
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062718\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003624.D

Acq: 27 Jun 2018 19:50

Instrument :

MSVOA_W

ClientSampleId :

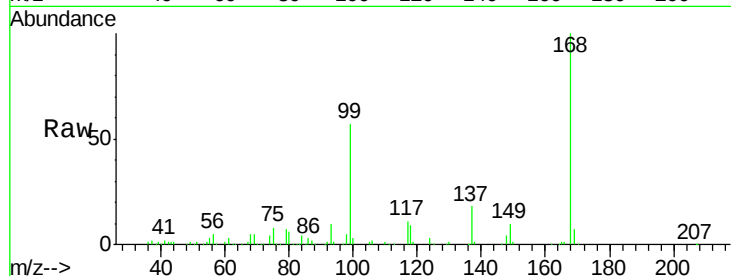
TP-2-D

Tot Ion:168 Resp: 133355

Ion Ratio Lower Upper

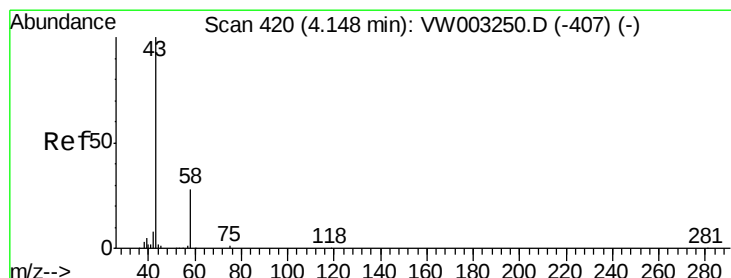
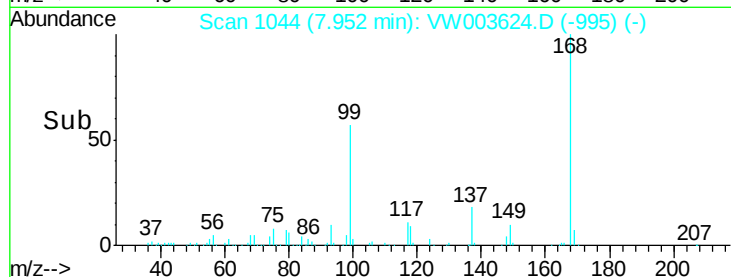
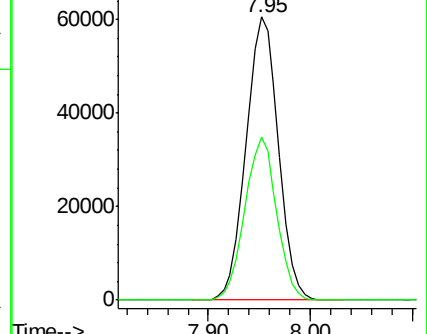
168 100

99 57.4 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 69.41 ug/l

RT: 4.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VW003624.D

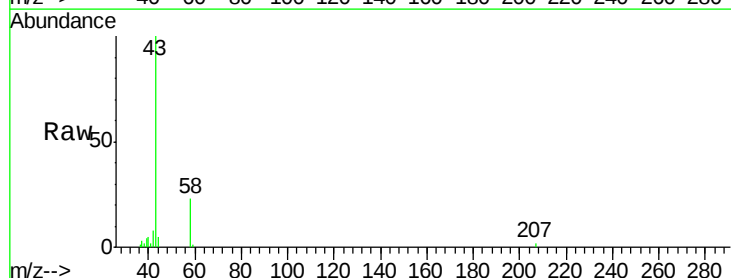
Acq: 27 Jun 2018 19:50

Tgt Ion: 43 Resp: 21028

Ion Ratio Lower Upper

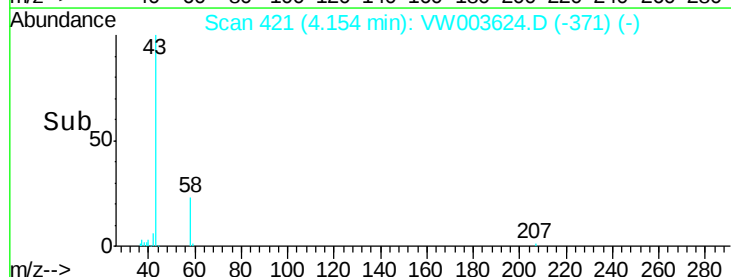
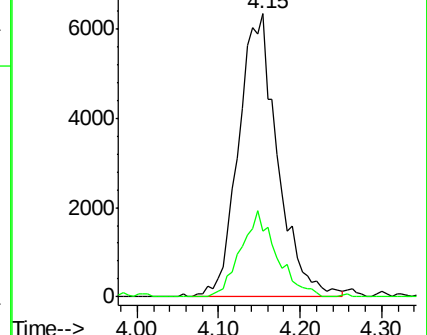
43 100

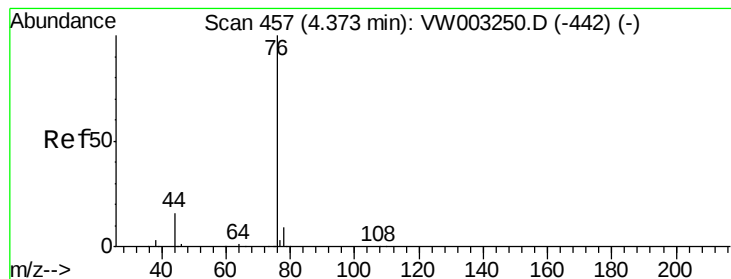
58 23.2 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 1.45 ug/l

RT: 4.38 min Scan# 458

Delta R.T. 0.01 min

Lab File: VW003624.D

Acq: 27 Jun 2018 19:50

Instrument :

MSVOA_W

ClientSampleId :

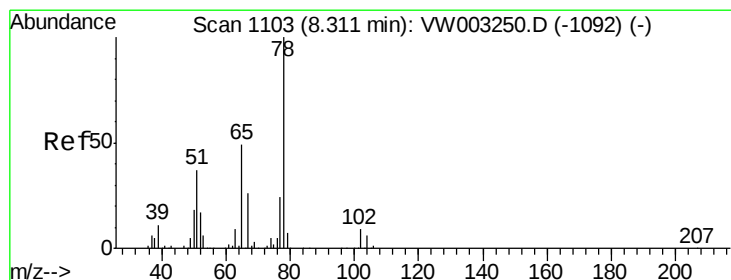
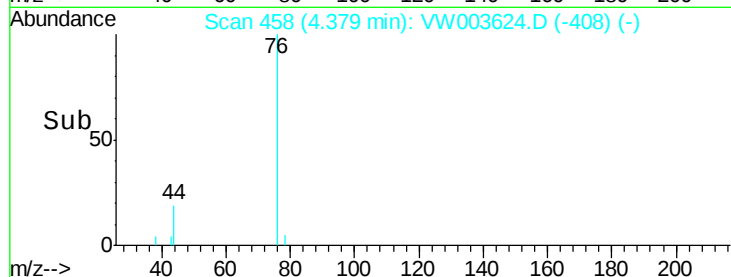
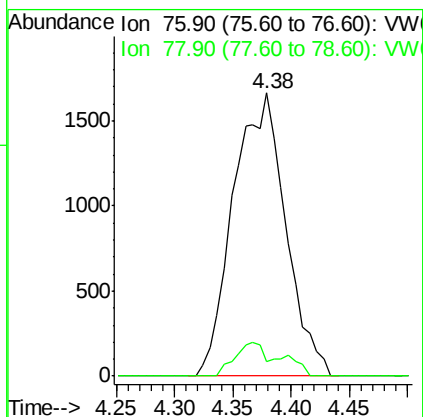
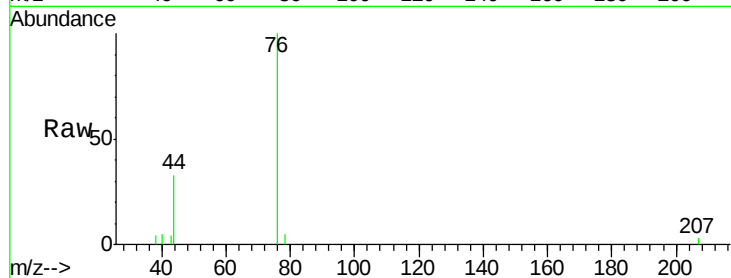
TP-2-D

Tot Ion: 76 Resp: 5182

Ion Ratio Lower Upper

76 100

78 5.3 7.1 10.7#



#33

1,2-Dichloroethane-d4

Concen: 40.58 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003624.D

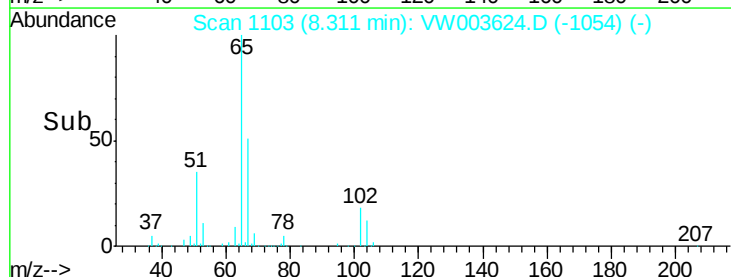
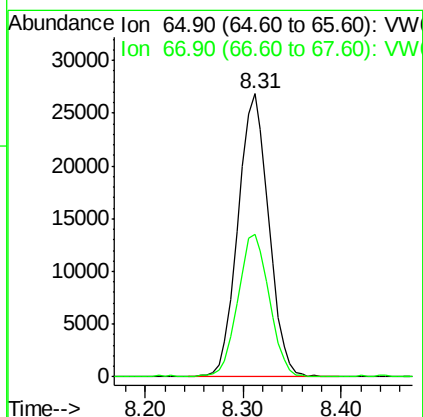
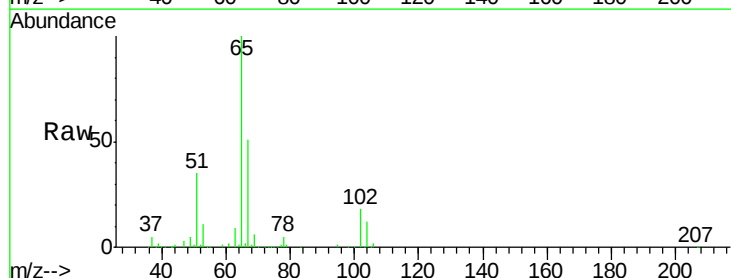
Acq: 27 Jun 2018 19:50

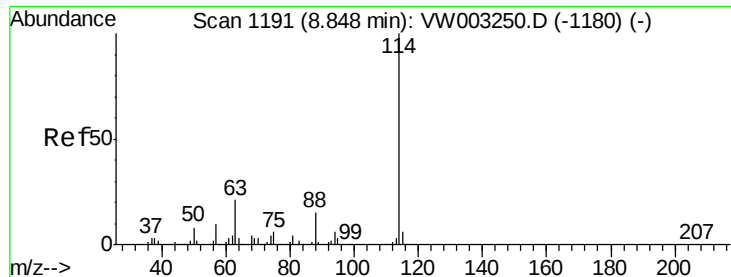
Tgt Ion: 65 Resp: 58609

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.2

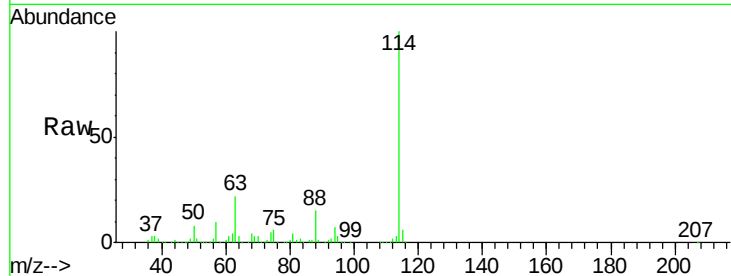




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003624.D
 Acq: 27 Jun 2018 19:50

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-D

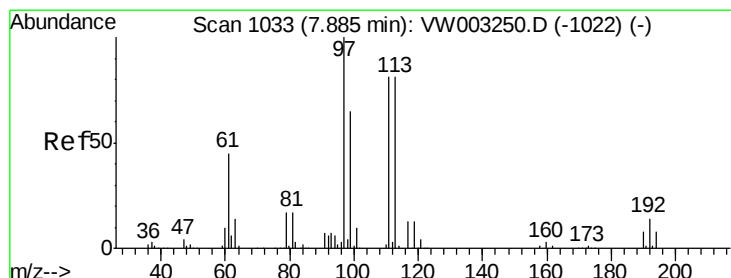
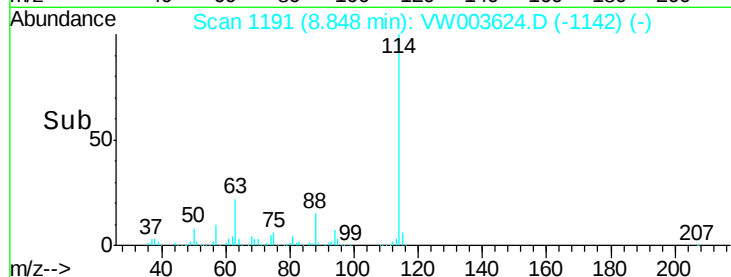
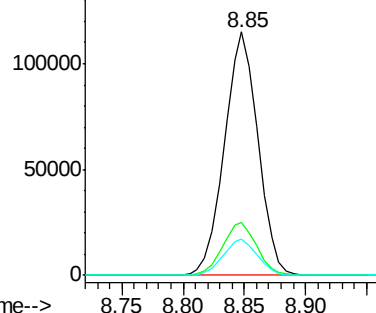
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	43.0
88	14.9	0.0	29.6



Abundance Ion 113.90 (113.60 to 114.60): V

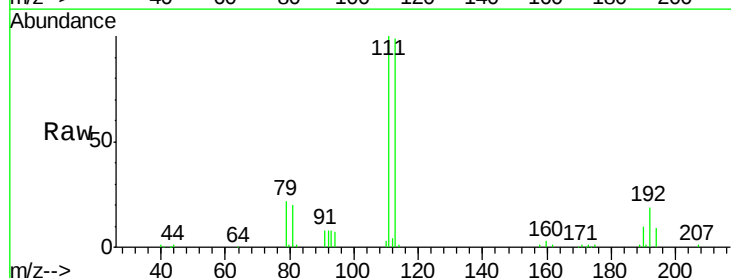
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 37.64 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003624.D
 Acq: 27 Jun 2018 19:50

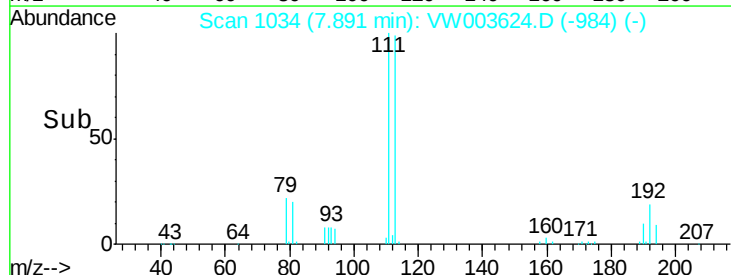
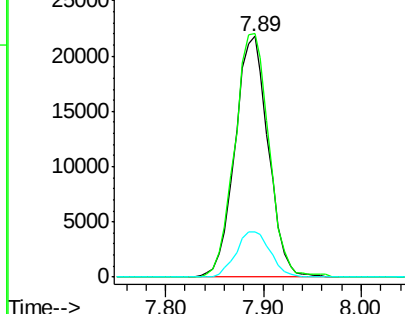
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.2	123.2
192	19.4	16.2	24.2

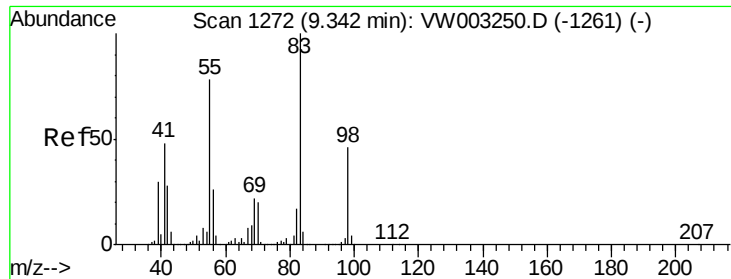


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

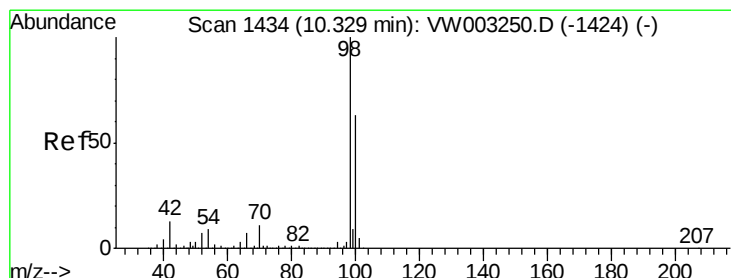
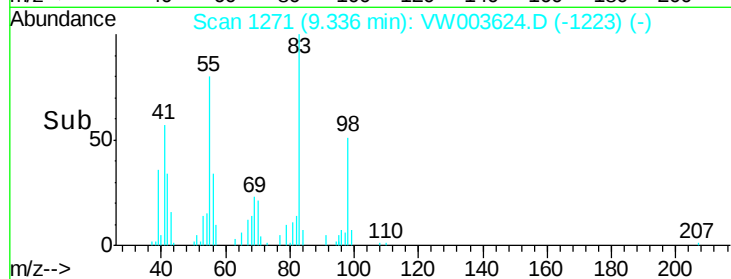
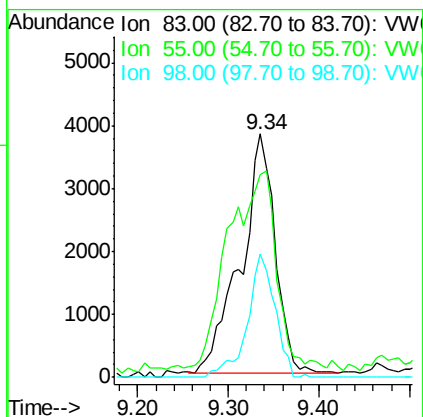
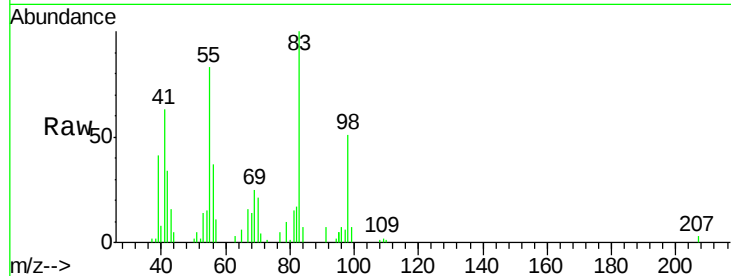




#39
Methvlcvclohexane
Concen: 4.09 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003624.D
Acq: 27 Jun 2018 19:50

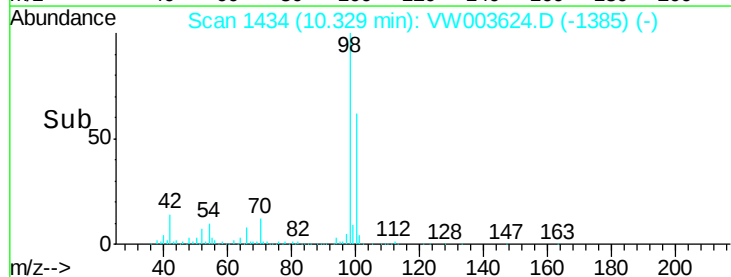
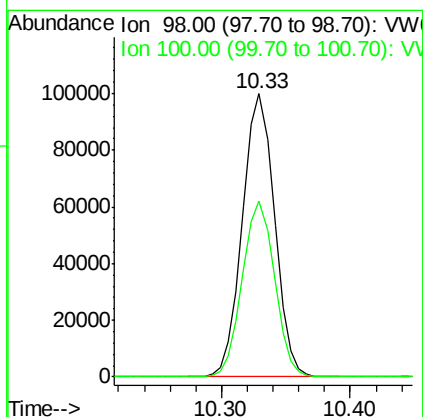
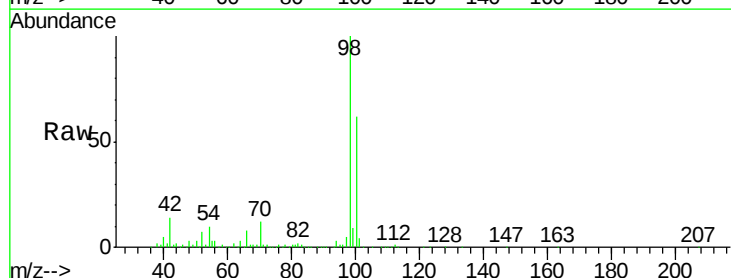
Instrument :
MSVOA_W
ClientSampled :
TP-2-D

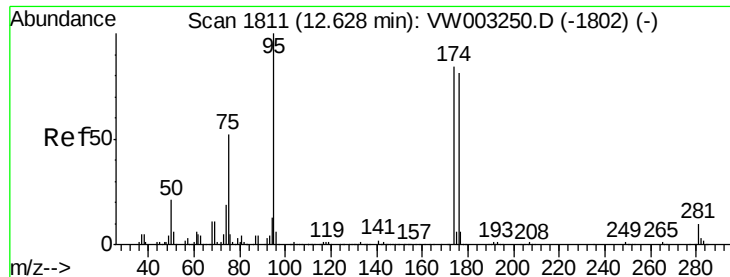
Tot Ion: 83 Resp: 10048
Ion Ratio Lower Upper
83 100
55 80.4 62.6 93.8
98 51.7 37.0 55.4



#50
Toluene-d8
Concen: 31.90 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003624.D
Acq: 27 Jun 2018 19:50

Tgt Ion: 98 Resp: 172612
Ion Ratio Lower Upper
98 100
100 62.2 50.8 76.2

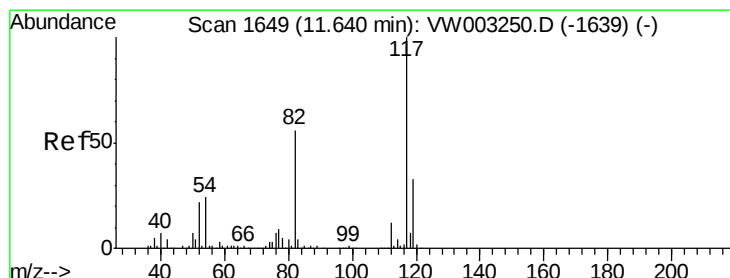
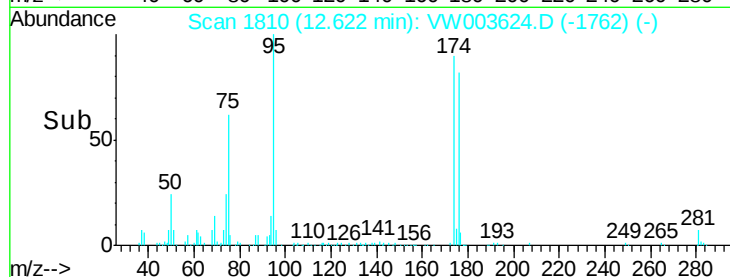
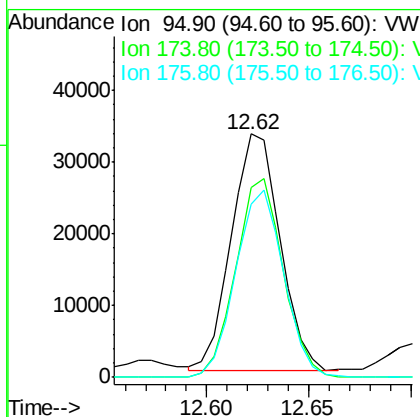
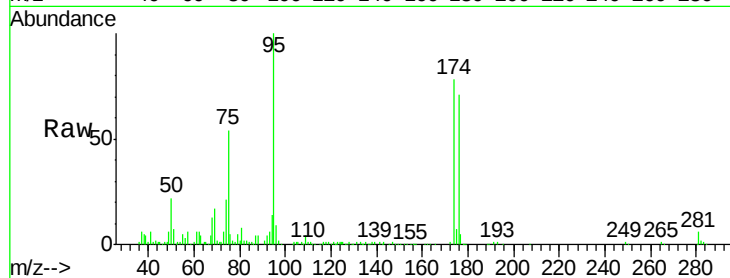




#62
4-Bromofluorobenzene
Concen: 28.52 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.01 min
Lab File: VW003624.D
Acq: 27 Jun 2018 19:50

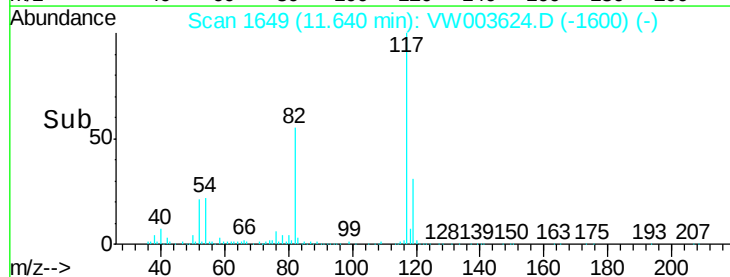
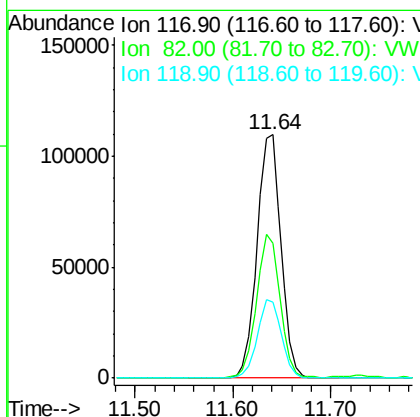
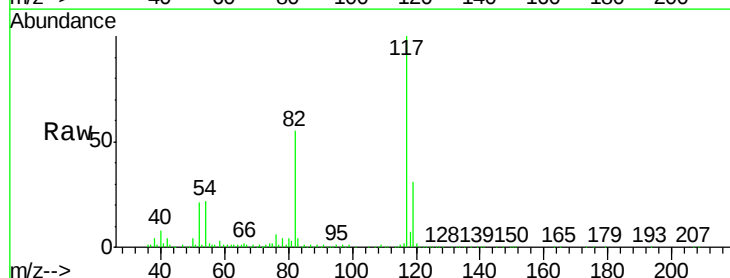
Instrument :
MSVOA_W
ClientSampleId :
TP-2-D

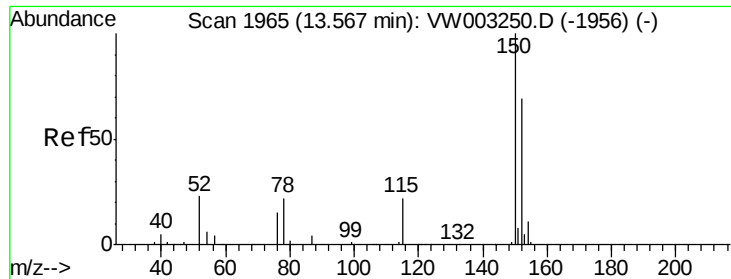
Tot Ion: 95 Resp: 54616
Ion Ratio Lower Upper
95 100
174 82.2 0.0 166.4
176 78.1 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003624.D
Acq: 27 Jun 2018 19:50

Tgt Ion: 117 Resp: 187706
Ion Ratio Lower Upper
117 100
82 54.9 44.6 67.0
119 30.9 26.7 40.1



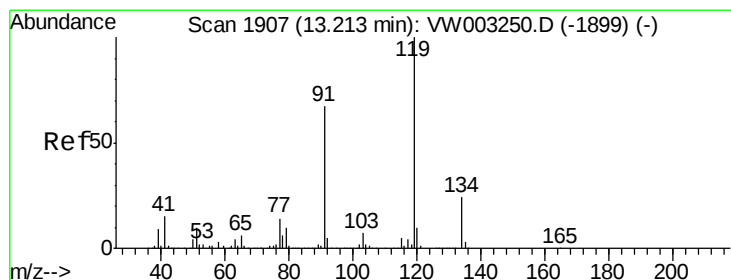
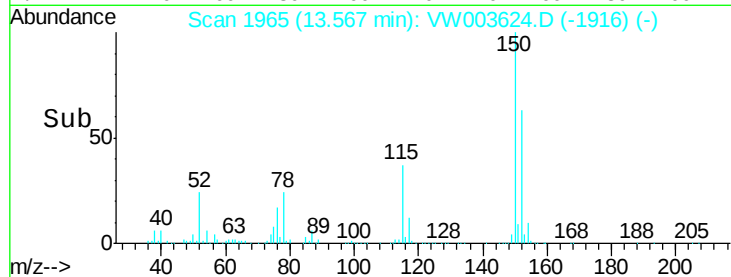
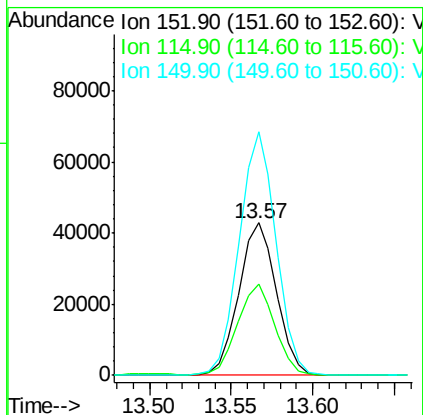
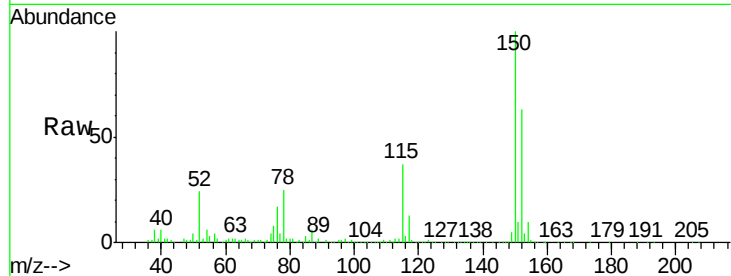


#72

1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003624.D
Acq: 27 Jun 2018 19:50

Instrument :
MSVOA_W
ClientSampleId :
TP-2-D

Tot Ion:152 Resp: 68787
Ion Ratio Lower Upper
152 100
115 58.7 29.3 88.0
150 156.7 0.0 349.6



#83

tert-Butylbenzene
Concen: 1.47 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003624.D
Acq: 27 Jun 2018 19:50

Tgt Ion:119 Resp: 5045
Ion Ratio Lower Upper
119 100
91 54.6 33.9 101.7
134 22.5 13.4 40.1

