

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062718\
 Data File : VW003579.D
 Acq On : 26 Jun 2018 19:47
 Operator : SY/AP
 Sample : VW0626SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBL01

Quant Time: Jun 27 07:53:18 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	186464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	310978	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	288315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	138903	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	96263	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	
35) Dibromofluoromethane	7.88	113	83280	43.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.20%	
50) Toluene-d8	10.33	98	311291	40.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.26%	
62) 4-Bromofluorobenzene	12.63	95	100208	36.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.92%	

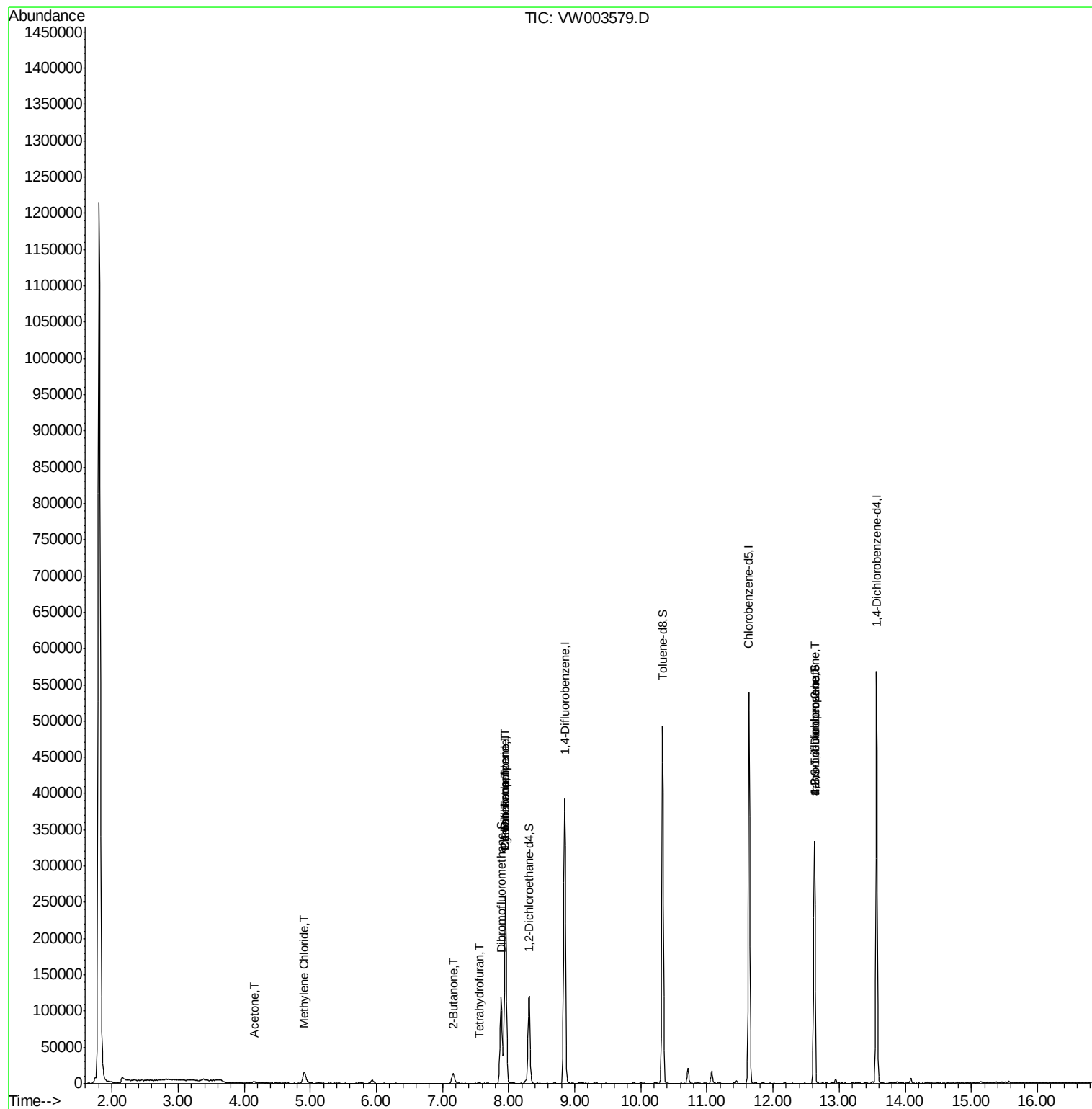
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	4202	9.920	ug/l	92
20) Methylene Chloride	4.92	84	11498	2.935	ug/l	98
25) 2-Butanone	7.17	43	1292	2.453	ug/l #	50
29) Tetrahydrofuran	7.56	42	462	1.435	ug/l #	43
31) Cyclohexane	7.95	56	4619	1.415	ug/l #	21
36) 1,1-Dichloropropene	7.95	75	16243	5.409	ug/l #	51
38) Carbon Tetrachloride	7.95	117	18439	6.259	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	55499	46.738	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	55499	107.546	ug/l #	8

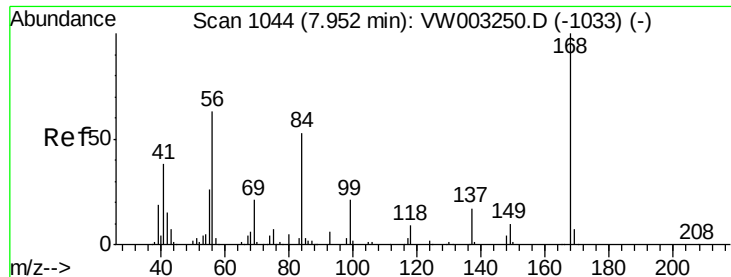
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062718\
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ClientSampleId :
VW0627SBL01

Quant Time: Jun 27 07:53:18 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003579.D

Acq: 26 Jun 2018 19:47

Instrument :

MSVOA_W

ClientSampleId :

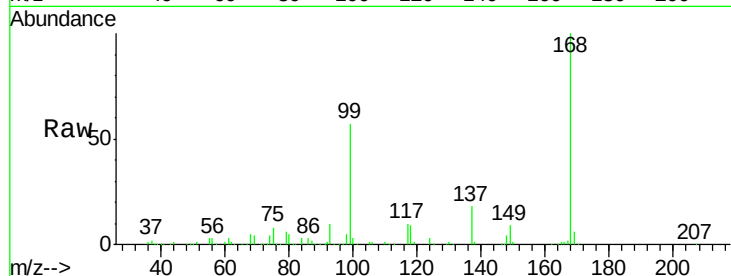
VW0627SBL01

Tgt Ion:168 Resp: 186464

Ion Ratio Lower Upper

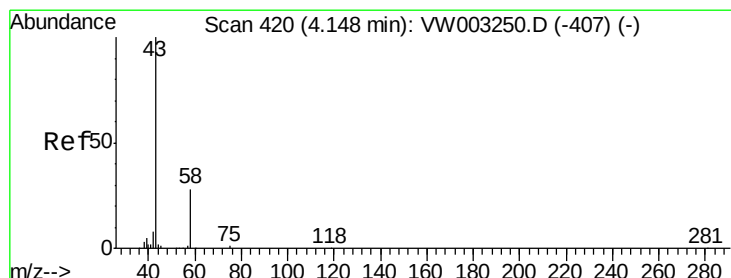
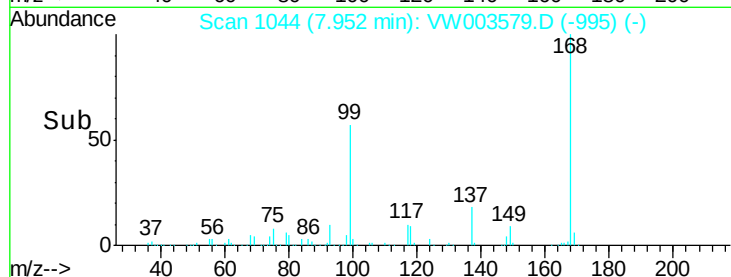
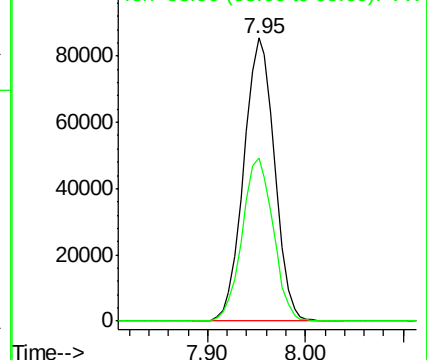
168 100

99 57.4 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 9.920 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003579.D

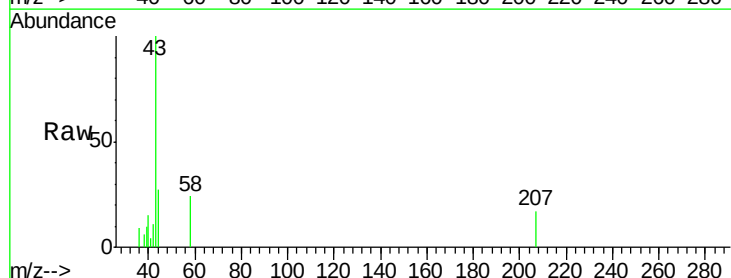
Acq: 26 Jun 2018 19:47

Tgt Ion: 43 Resp: 4202

Ion Ratio Lower Upper

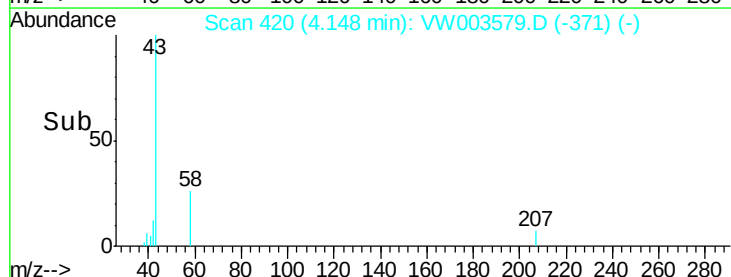
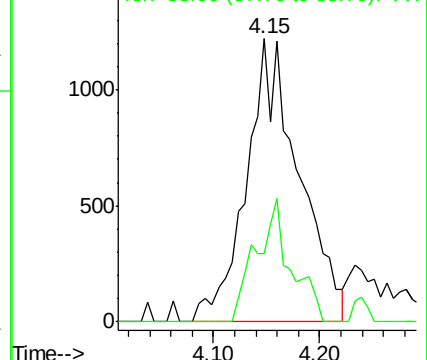
43 100

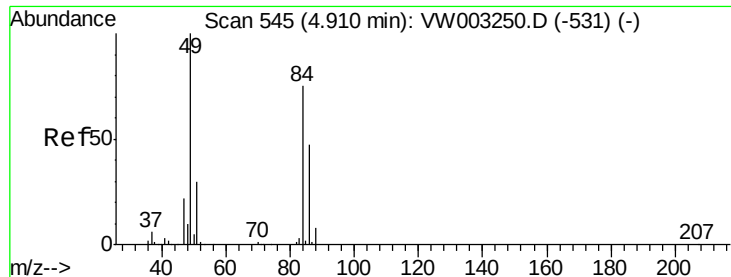
58 23.9 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

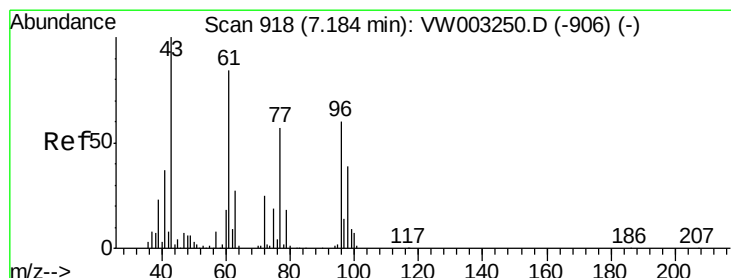
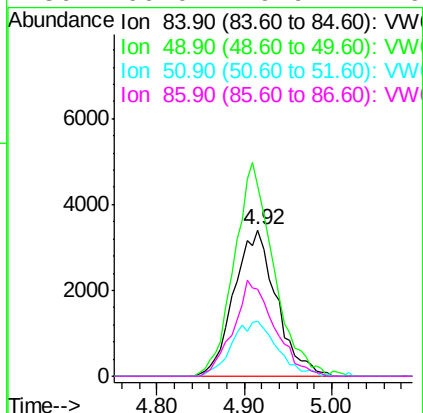
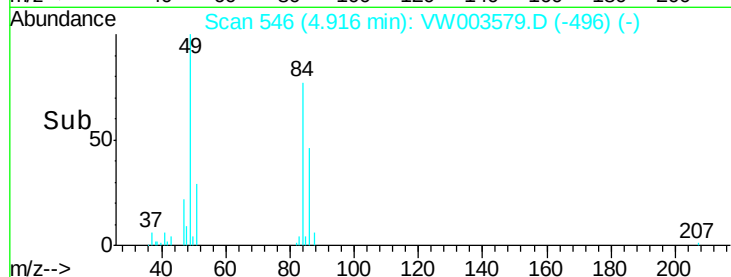
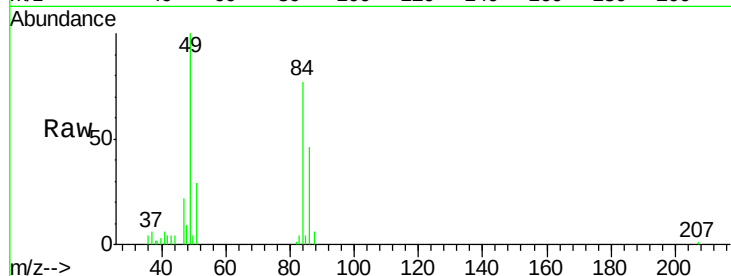




#20
Methylene Chloride
Concen: 2.935 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003579.D
Acq: 26 Jun 2018 19:47

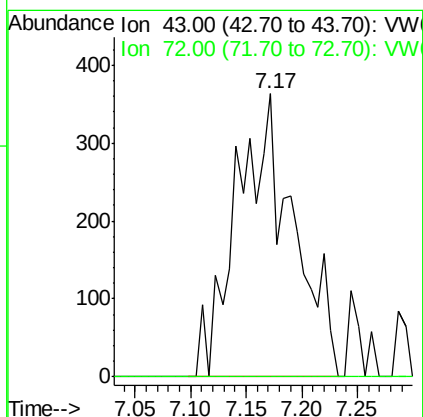
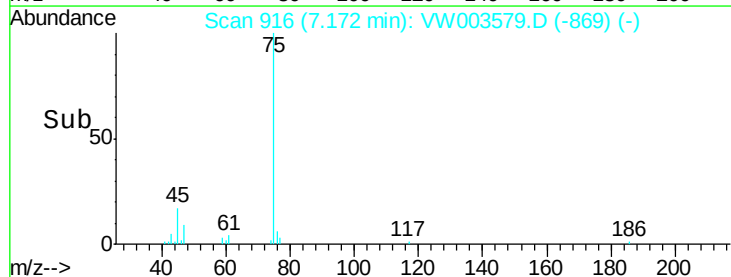
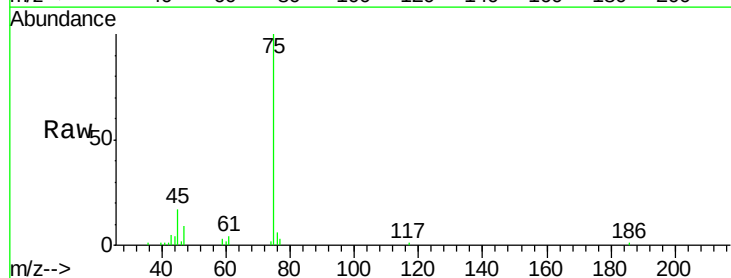
Instrument :
MSVOA_W
ClientSampleId :
VW0627SBL01

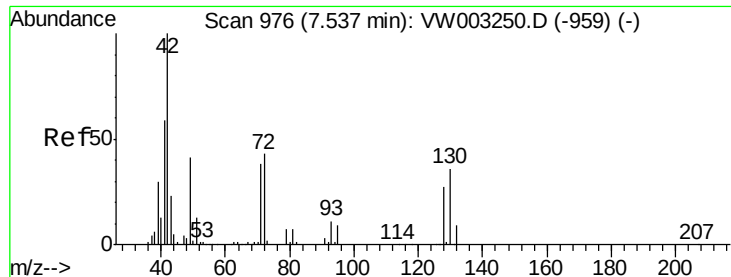
Tgt Ion:	84	Resp:	11498
Ion	Ratio	Lower	Upper
84	100		
49	130.6	106.3	159.5
51	38.0	32.0	48.0
86	60.0	49.9	74.9



#25
2-Butanone
Concen: 2.453 ug/l
RT: 7.17 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW003579.D
Acq: 26 Jun 2018 19:47

Tgt Ion:	43	Resp:	1292
Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.3	30.5#





#29

Tetrahydrofuran

Concen: 1.435 ug/l

RT: 7.56 min Scan# 979

Delta R.T. 0.02 min

Lab File: VW003579.D

Acq: 26 Jun 2018 19:47

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBL01

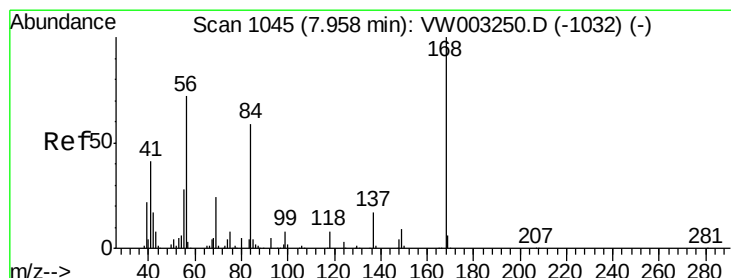
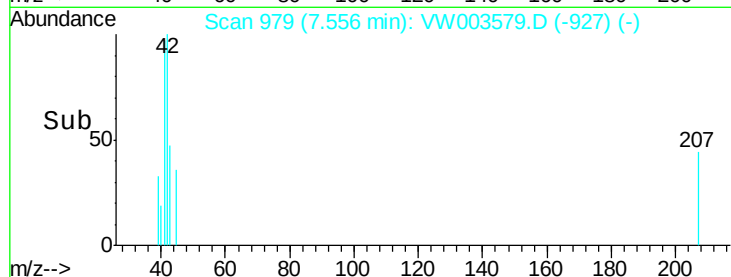
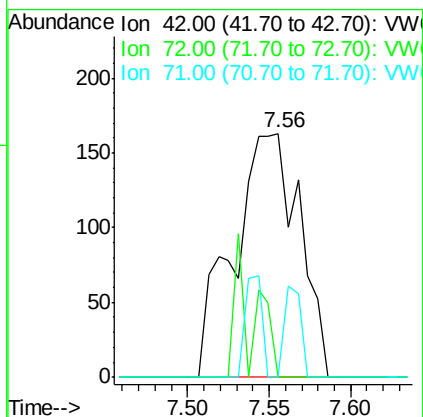
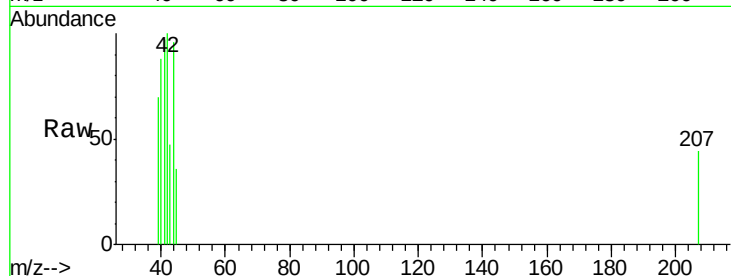
Tgt Ion: 42 Resp: 462

Ion Ratio Lower Upper

42 100

72 0.0 32.4 48.6#

71 9.3 31.2 46.8#



#31

Cyclohexane

Concen: 1.415 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW003579.D

Acq: 26 Jun 2018 19:47

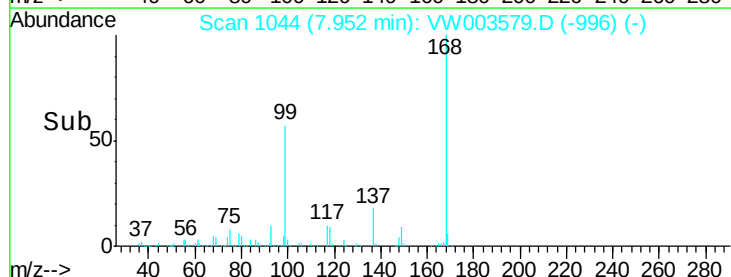
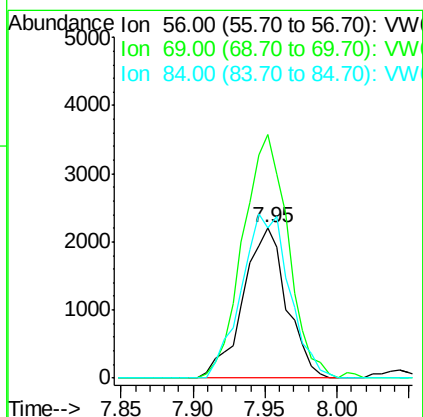
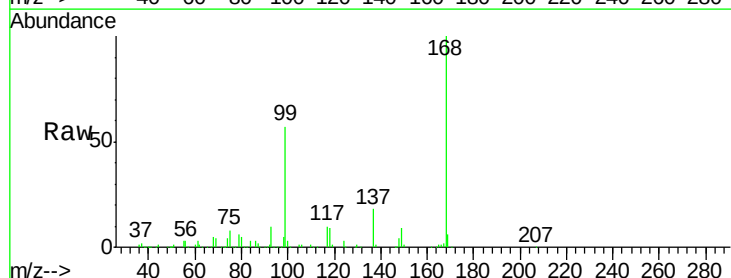
Tgt Ion: 56 Resp: 4619

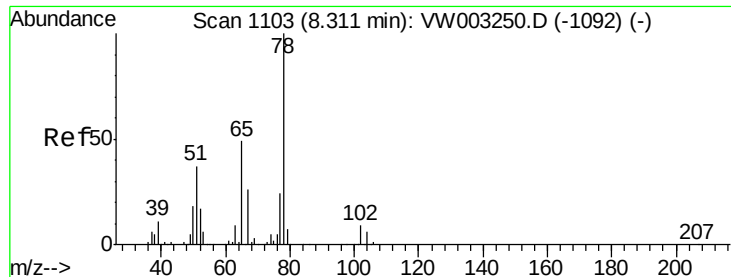
Ion Ratio Lower Upper

56 100

69 161.6 26.3 39.5#

84 99.4 65.7 98.5#

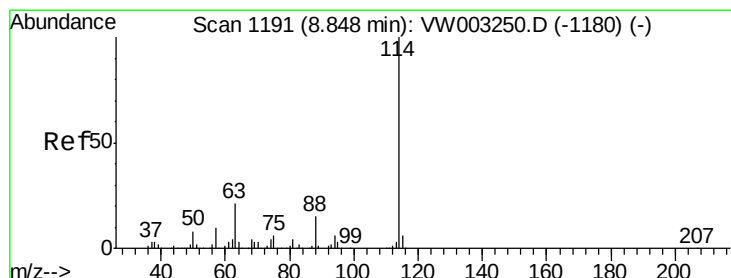
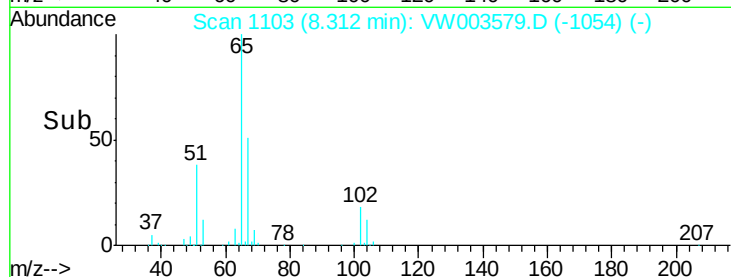
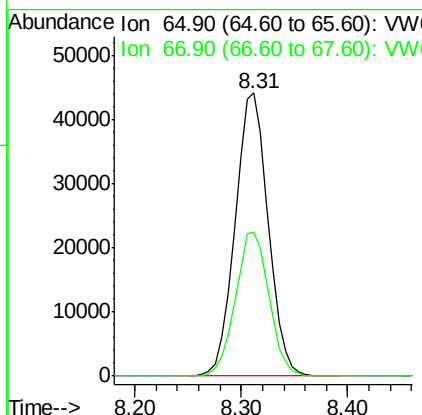
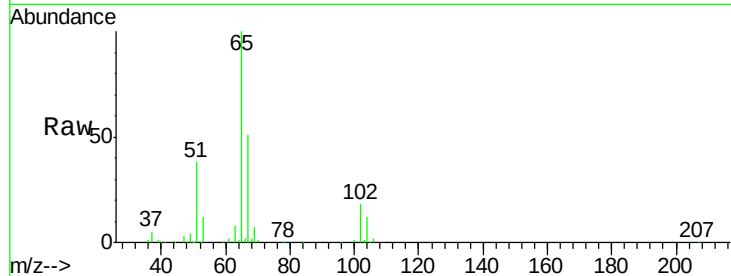




#33
 1,2-Dichloroethane-d4
 Concen: 47.662 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003579.D
 Acq: 26 Jun 2018 19:47

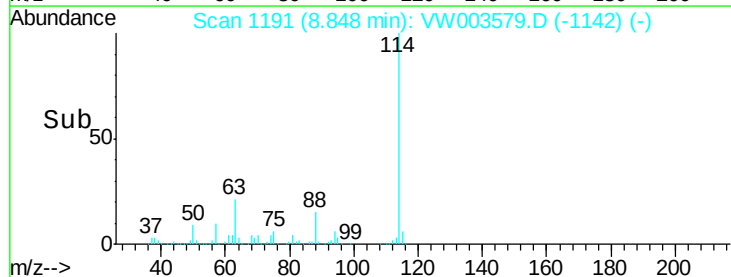
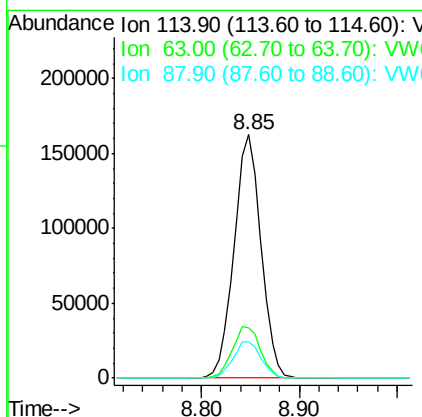
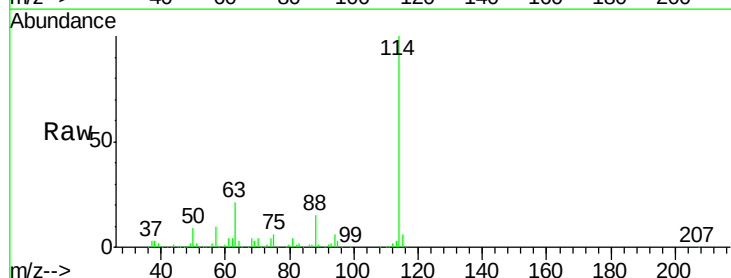
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBL01

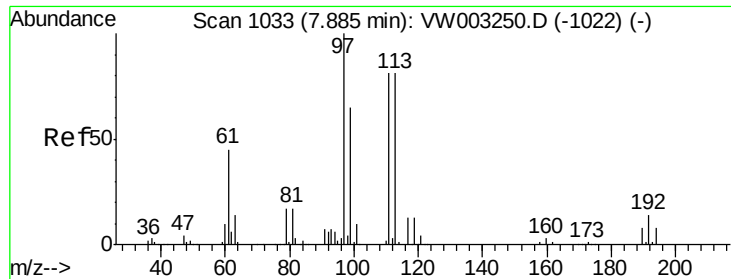
Tgt Ion: 65 Resp: 96263
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003579.D
 Acq: 26 Jun 2018 19:47

Tgt Ion: 114 Resp: 310978
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 43.0
 88 15.0 0.0 29.6

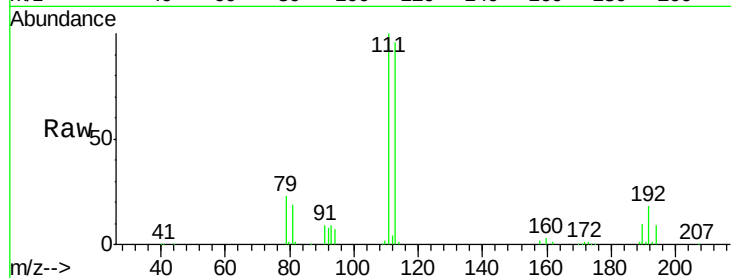




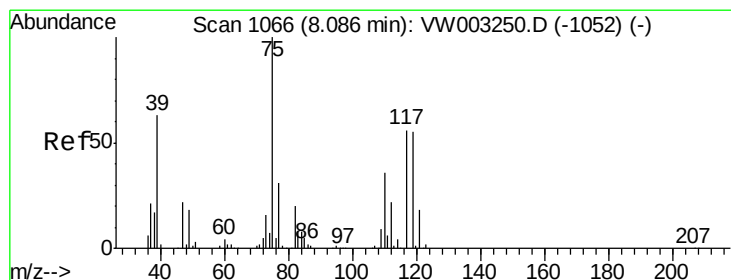
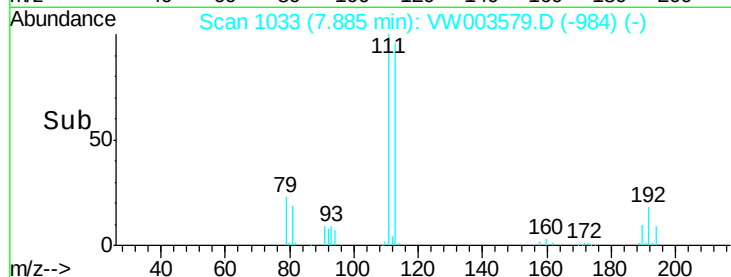
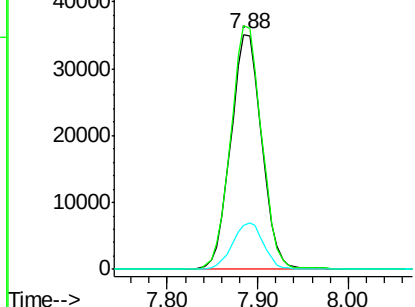
#35
 Dibromofluoromethane
 Concen: 43.098 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003579.D
 Acq: 26 Jun 2018 19:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBL01

Tgt Ion: 113 Resp: 83280
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.2 123.2
 192 19.9 16.2 24.2

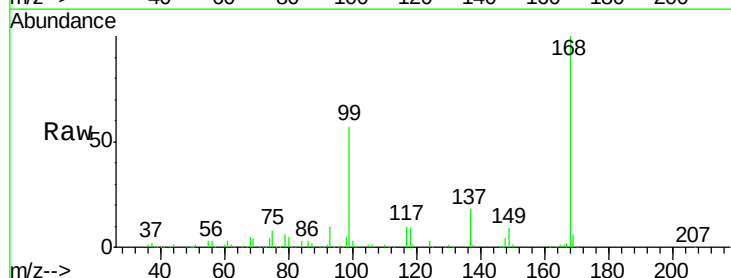


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

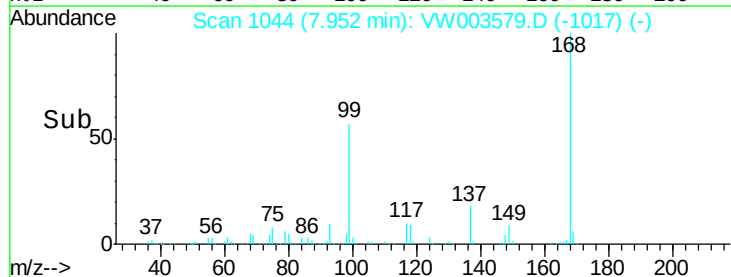
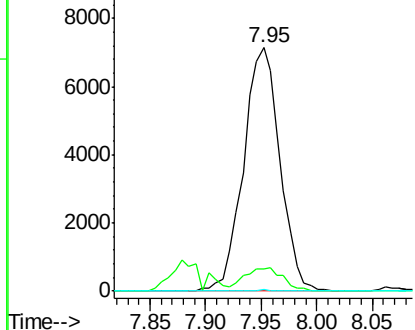


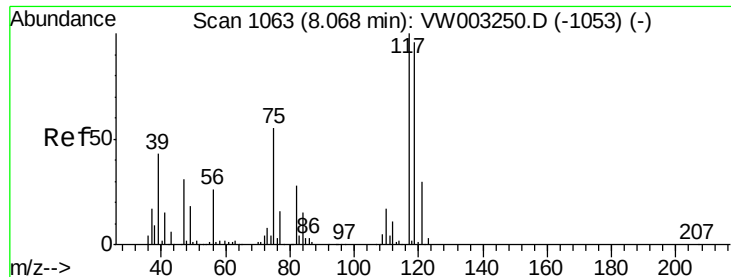
#36
 1,1-Dichloropropene
 Concen: 5.409 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003579.D
 Acq: 26 Jun 2018 19:47

Tgt Ion: 75 Resp: 16243
 Ion Ratio Lower Upper
 75 100
 110 9.9 17.1 51.3#
 77 0.1 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.259 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003579.D

Acq: 26 Jun 2018 19:47

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBL01

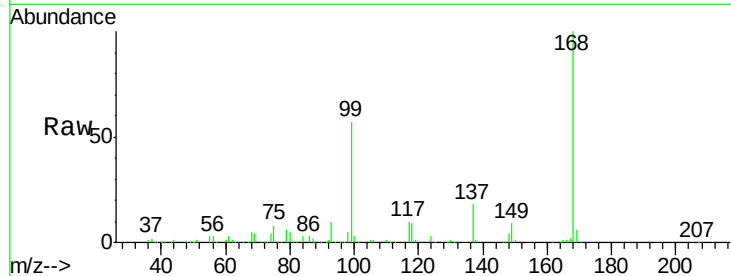
Tgt Ion:117 Resp: 18439

Ion Ratio Lower Upper

117 100

119 8.1 76.6 115.0#

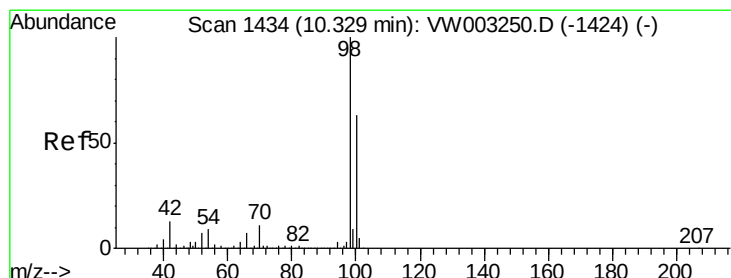
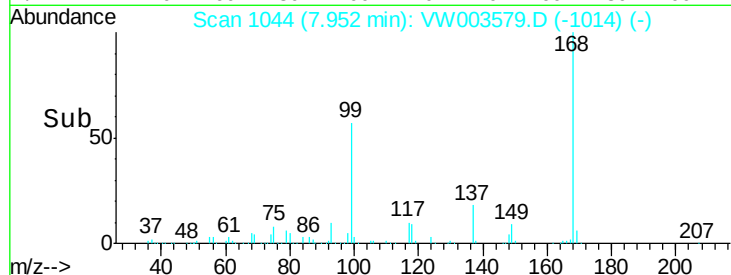
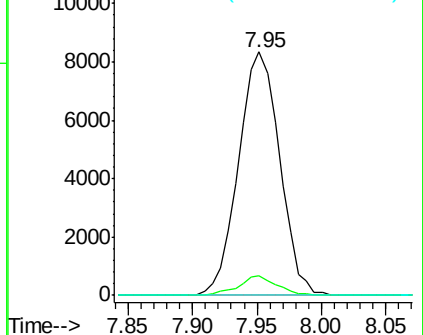
121 0.0 23.9 35.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 40.627 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003579.D

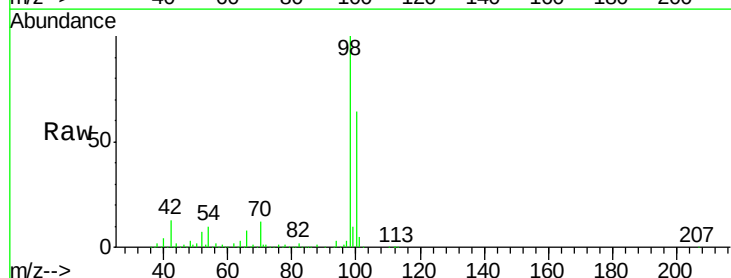
Acq: 26 Jun 2018 19:47

Tgt Ion: 98 Resp: 311291

Ion Ratio Lower Upper

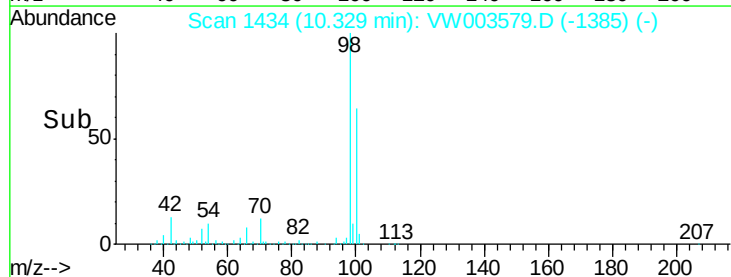
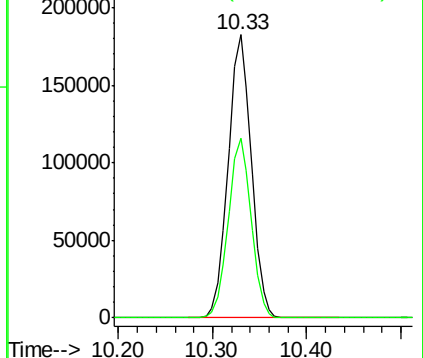
98 100

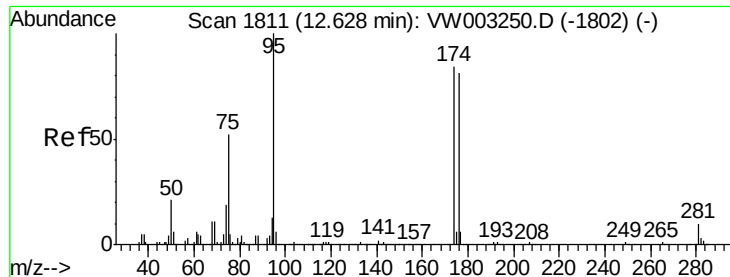
100 62.7 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 36.956 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003579.D

Acq: 26 Jun 2018 19:47

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBL01

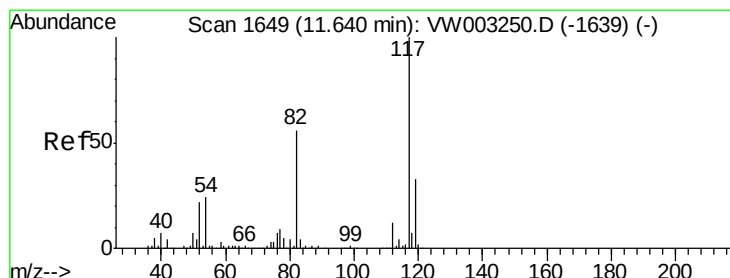
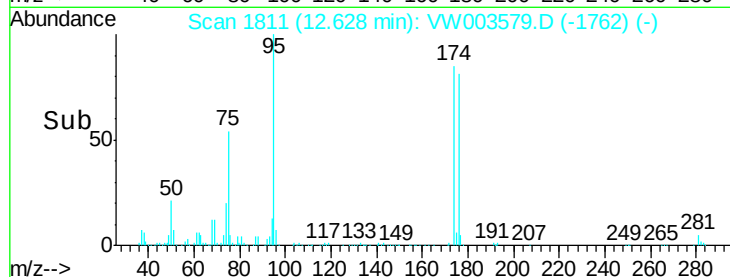
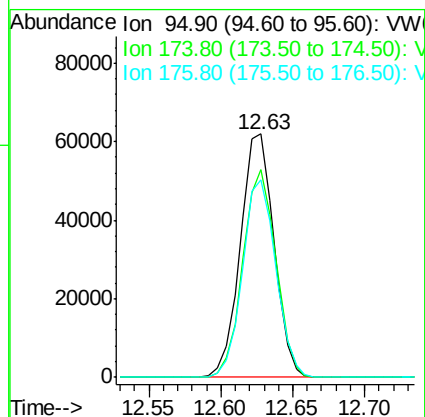
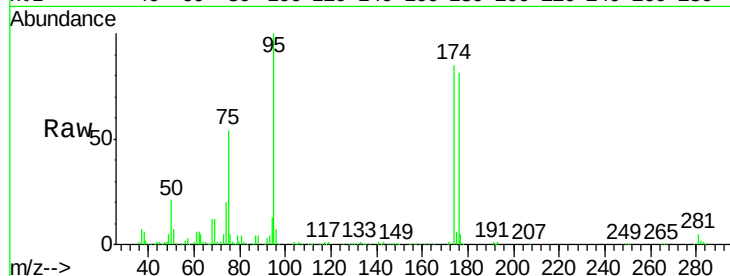
Tgt Ion: 95 Resp: 100208

Ion Ratio Lower Upper

95 100

174 83.8 0.0 166.4

176 80.3 0.0 162.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. -0.01 min

Lab File: VW003579.D

Acq: 26 Jun 2018 19:47

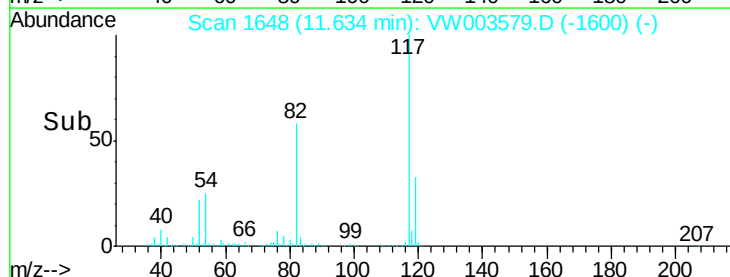
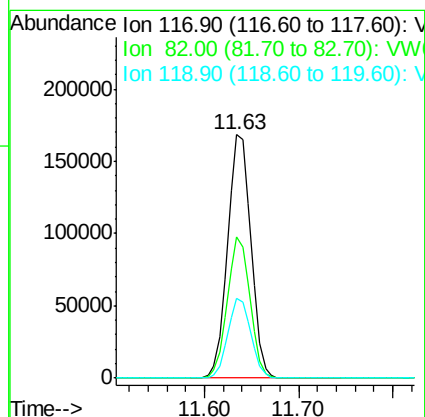
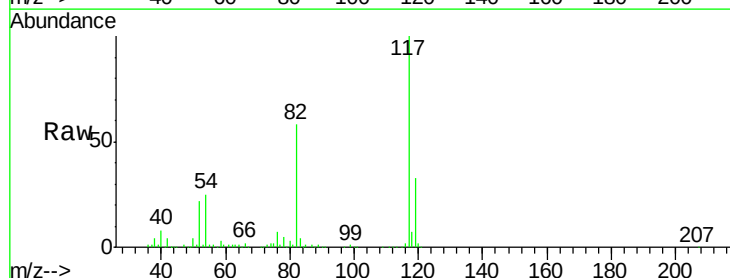
Tgt Ion: 117 Resp: 288315

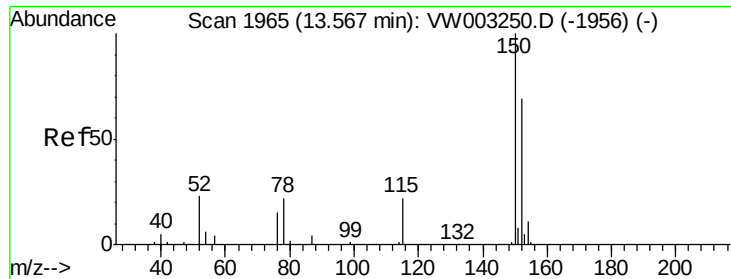
Ion Ratio Lower Upper

117 100

82 57.8 44.6 67.0

119 32.7 26.7 40.1



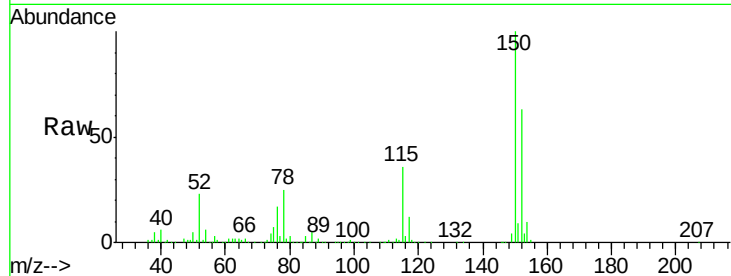


#72

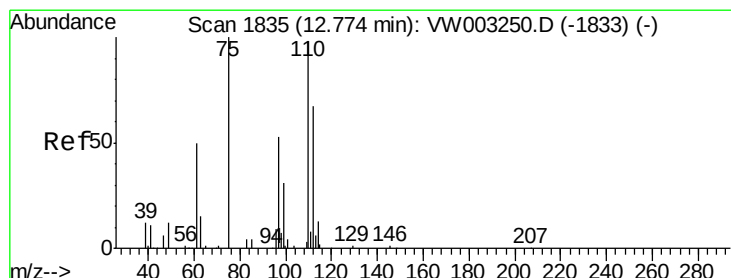
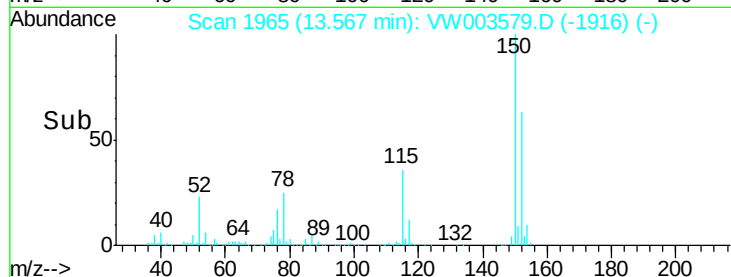
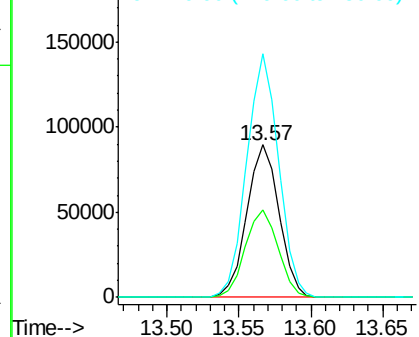
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003579.D
Acq: 26 Jun 2018 19:47

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBL01

Tgt Ion:152 Resp: 138903
Ion Ratio Lower Upper
152 100
115 58.5 29.3 88.0
150 157.6 0.0 349.6



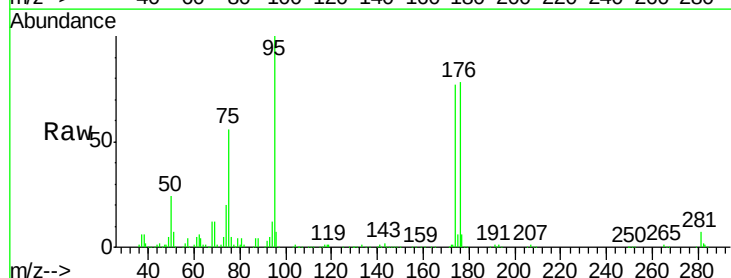
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



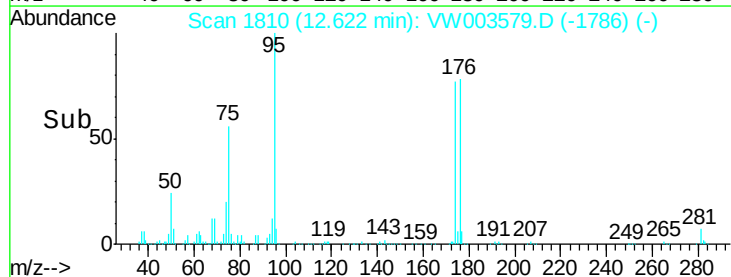
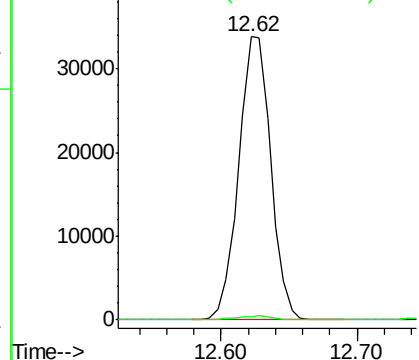
#76

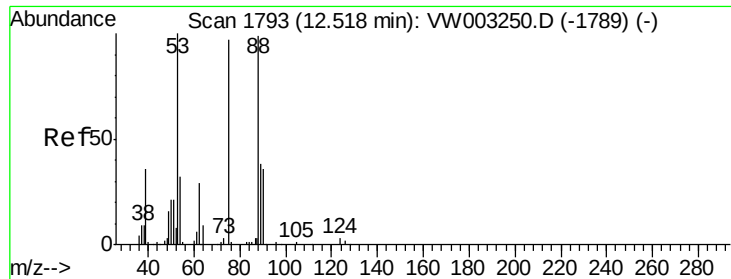
1,2,3-Trichloropropane
Concen: 46.738 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW003579.D
Acq: 26 Jun 2018 19:47

Tgt Ion: 75 Resp: 55499
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 107.546 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003579.D

Acq: 26 Jun 2018 19:47

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBL01

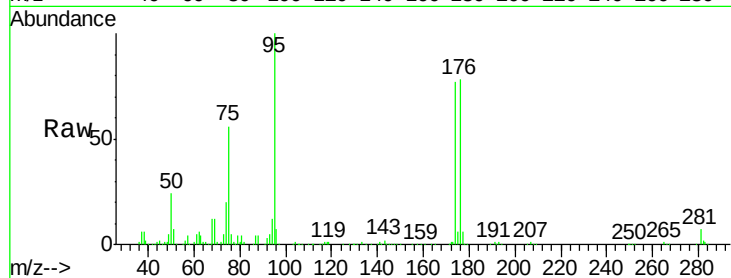
Tgt Ion: 75 Resp: 55499

Ion Ratio Lower Upper

75 100

53 0.1 82.9 124.3#

89 0.0 36.7 55.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

