

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003626.D
 Acq On : 27 Jun 2018 20:41
 Operator : SY/AP
 Sample : J3709-02
 Misc : 4.55G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 28 05:35:02 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	100008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	165110	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	123524	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	35357	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	48045	44.35	ug/l	0.00
Spiked Amount			Recovery	=	88.70%	
35) Dibromofluoromethane	7.88	113	41790	40.73	ug/l	0.00
Spiked Amount			Recovery	=	81.46%	
50) Toluene-d8	10.33	98	104790	25.76	ug/l	0.00
Spiked Amount			Recovery	=	51.52%	
62) 4-Bromofluorobenzene	12.63	95	26401	18.34	ug/l	0.00
Spiked Amount			Recovery	=	36.68%	

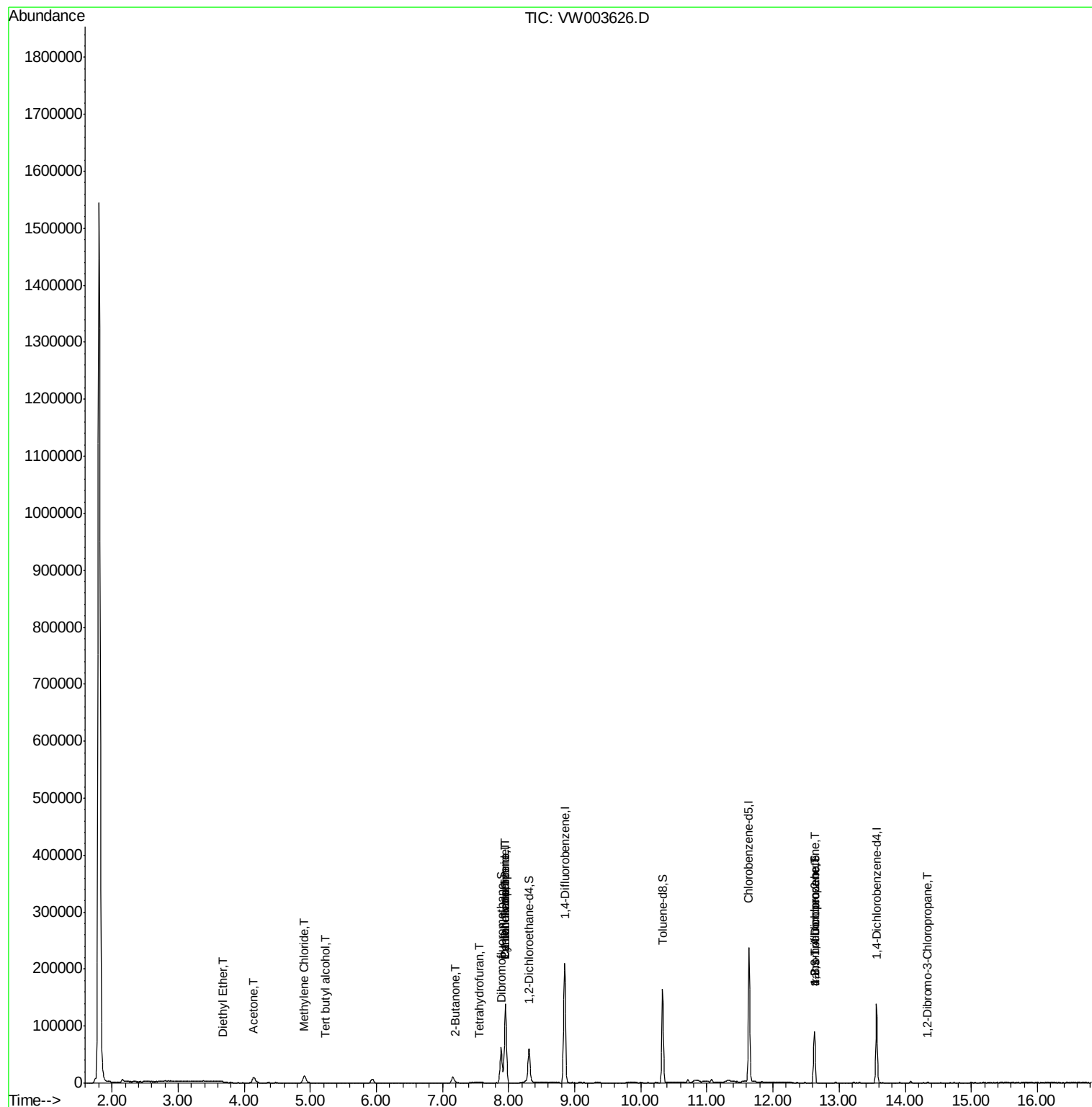
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.67	74	718	1.465	ug/l #	32
11) Tert butyl alcohol	5.23	59	72	1.239	ug/l #	84
16) Acetone	4.14	43	18421	81.083	ug/l	97
20) Methylene Chloride	4.90	84	9587	6.759	ug/l	92
25) 2-Butanone	7.20	43	2149	7.607	ug/l #	75
29) Tetrahydrofuran	7.56	42	488	2.826	ug/l #	44
31) Cyclohexane	7.95	56	2584	1.476	ug/l #	22
36) 1,1-Dichloropropene	7.95	75	8465	5.309	ug/l #	50
38) Carbon Tetrachloride	7.95	117	9882	6.318	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	14548	48.131	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	14548	110.751	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.33	75	76	1.085	ug/l #	4

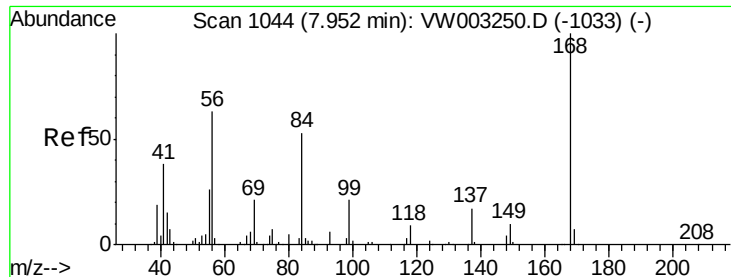
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062718\
Data File : VW003626.D
Acq On : 27 Jun 2018 20:41
Operator : SY/AP
Sample : J3709-02
Misc : 4.55G/5ML/MSVOA W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jun 28 05:35:02 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: VW003626.D

Acq: 27 Jun 2018 20:41

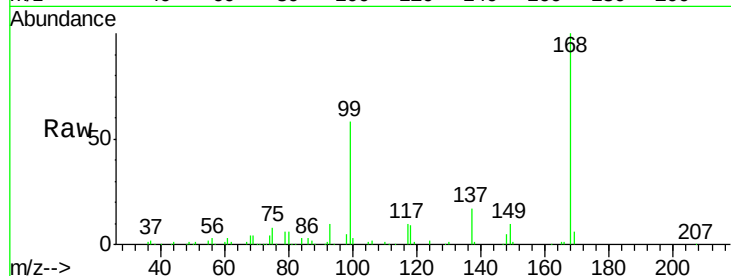
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 100008

Ion Ratio Lower Upper

168 100

99 58.3 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

50000

40000

30000

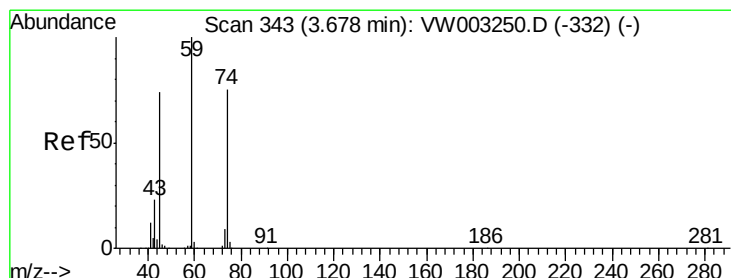
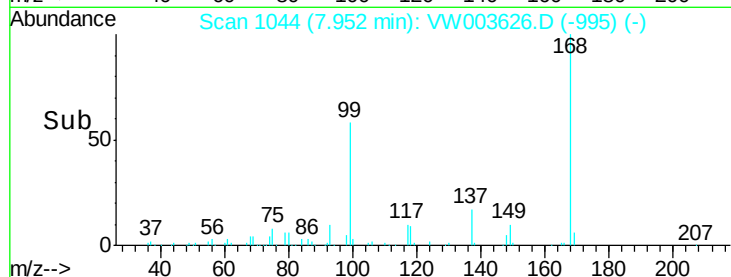
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#8

Diethyl Ether

Concen: 1.465 ug/l

RT: 3.67 min Scan# 342

Delta R.T. -0.01 min

Lab File: VW003626.D

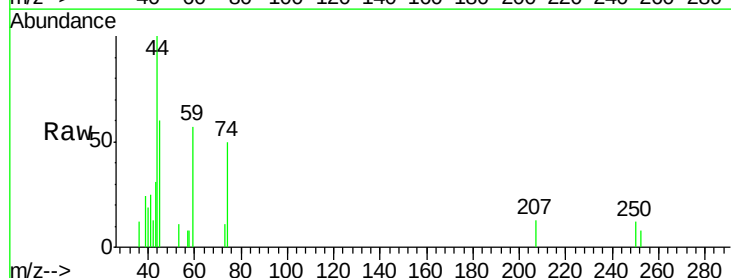
Acq: 27 Jun 2018 20:41

Tgt Ion: 74 Resp: 718

Ion Ratio Lower Upper

74 100

45 172.1 51.4 154.2#



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.67

600

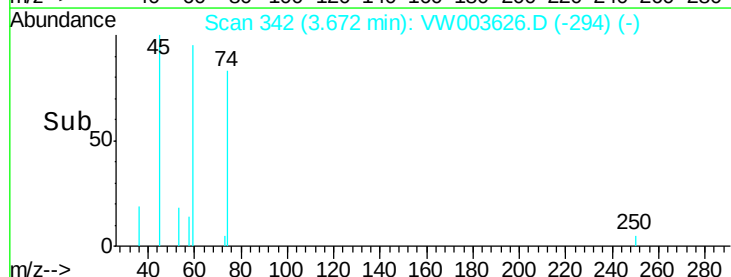
400

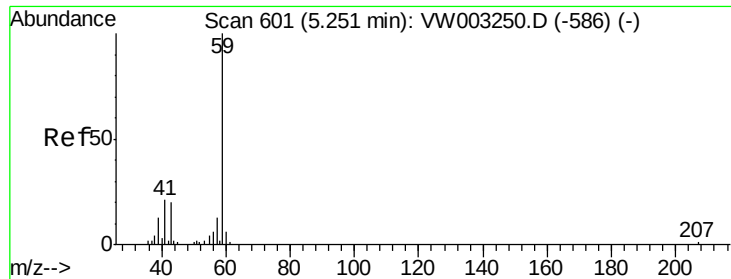
200

0

3.60 3.65 3.70 3.75

Time-->



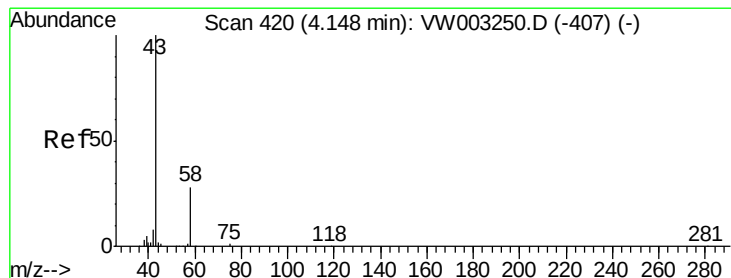
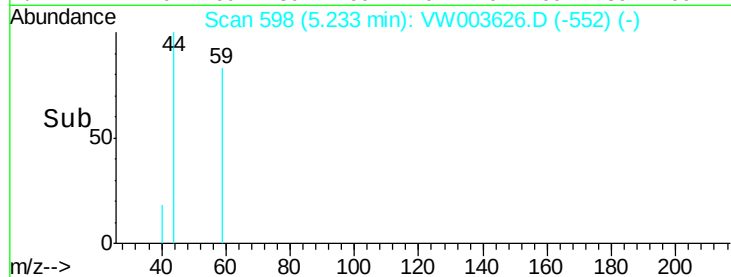
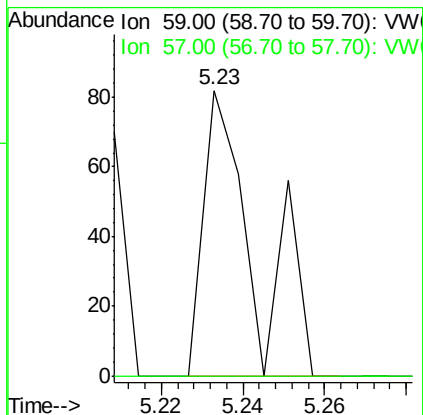
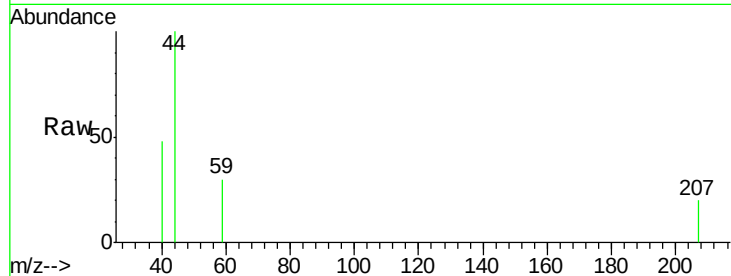


#11

Tert butyl alcohol
 Concen: 1.239 ug/l
 RT: 5.23 min Scan# 598
 Delta R.T. -0.02 min
 Lab File: VW003626.D
 Acq: 27 Jun 2018 20:41

Instrument :
 MSVOA_W
 ClientSampled :

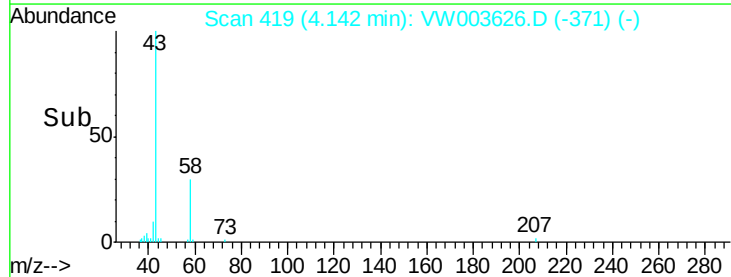
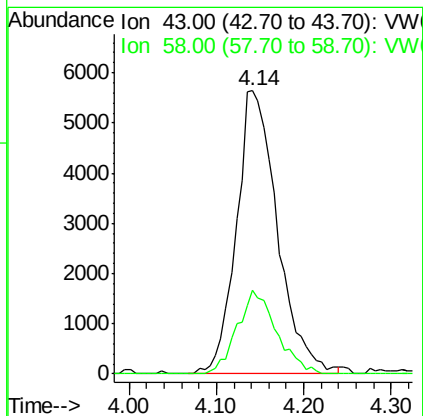
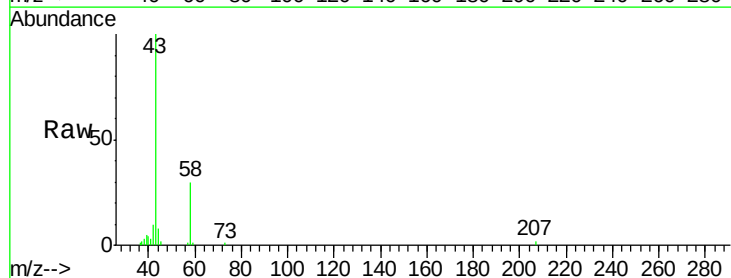
Tot Ion: 59 Resp: 72
 Ion Ratio Lower Upper
 59 100
 57 0.0 4.2 6.2#

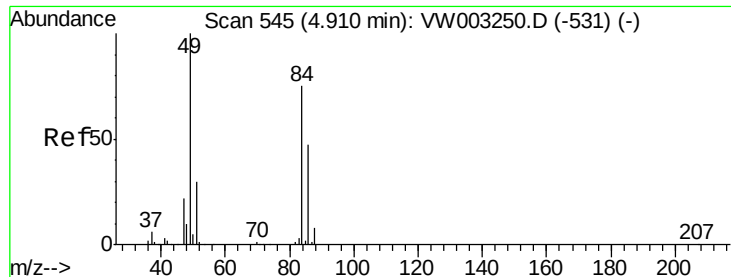


#16

Acetone
 Concen: 81.083 ug/l
 RT: 4.14 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: VW003626.D
 Acq: 27 Jun 2018 20:41

Tgt Ion: 43 Resp: 18421
 Ion Ratio Lower Upper
 43 100
 58 29.7 22.6 34.0

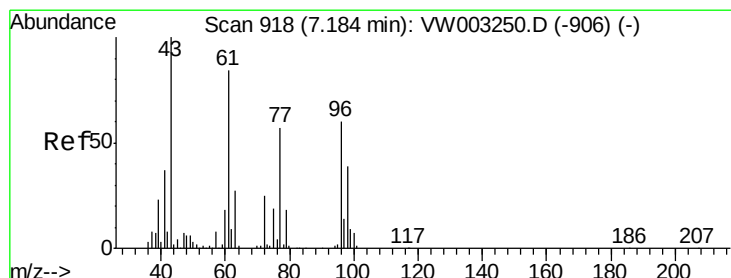
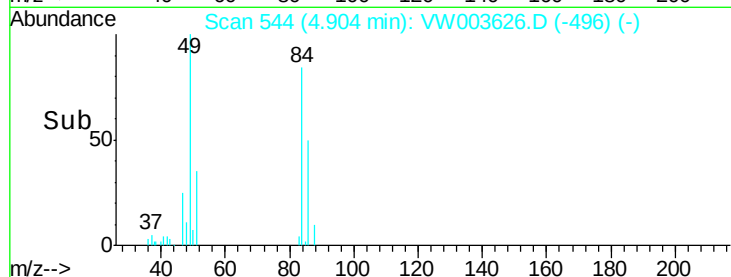
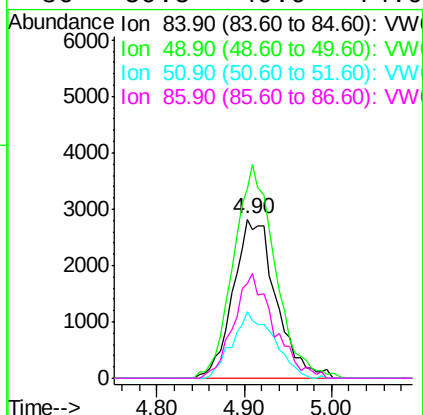
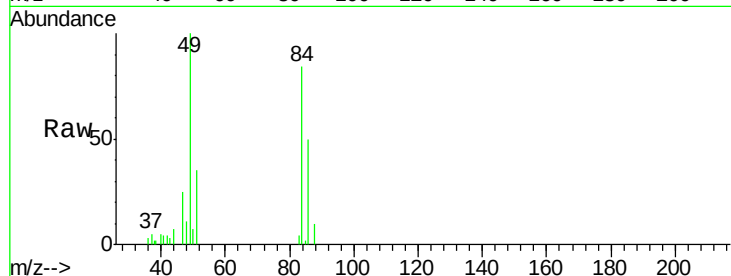




#20
Methvlene Chloride
Concen: 6.759 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003626.D
Acq: 27 Jun 2018 20:41

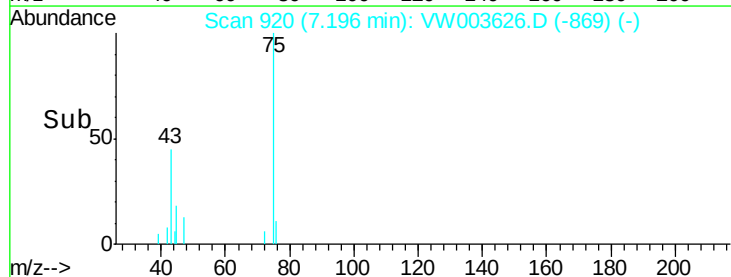
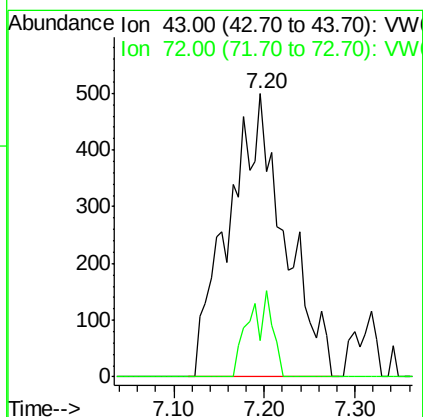
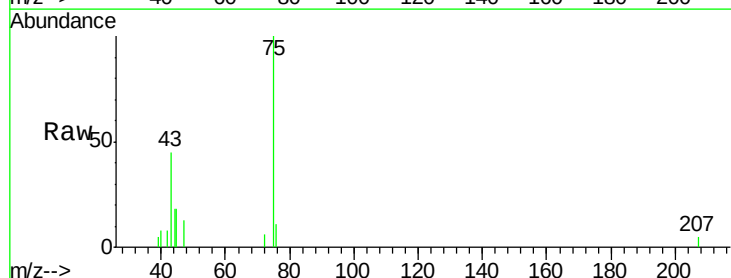
Instrument :
MSVOA_W
ClientSampleId :

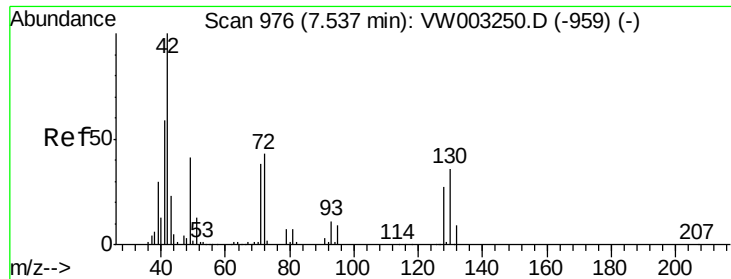
Tot Ion	84	Resp	9587
Ion	Ratio	Lower	Upper
84	100		
49	118.7	106.3	159.5
51	41.7	32.0	48.0
86	59.5	49.9	74.9



#25
2-Butanone
Concen: 7.607 ug/l
RT: 7.20 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW003626.D
Acq: 27 Jun 2018 20:41

Tgt Ion	43	Resp	2149
Ion	Ratio	Lower	Upper
43	100		
72	12.6	20.3	30.5#

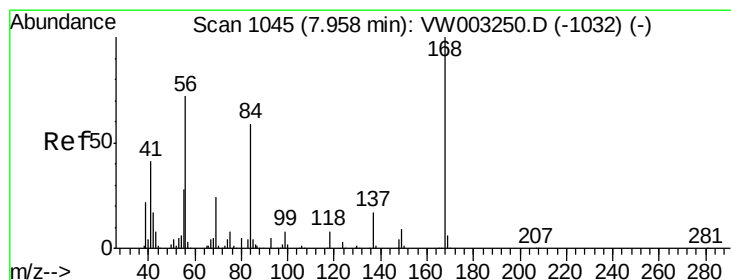
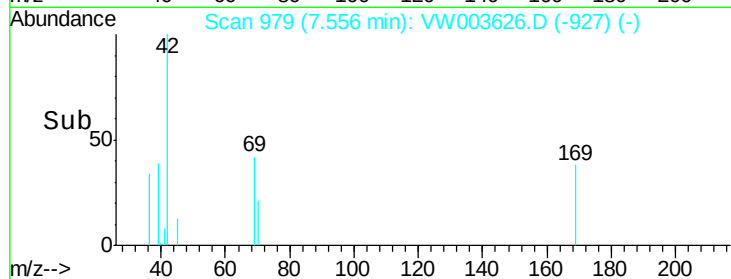
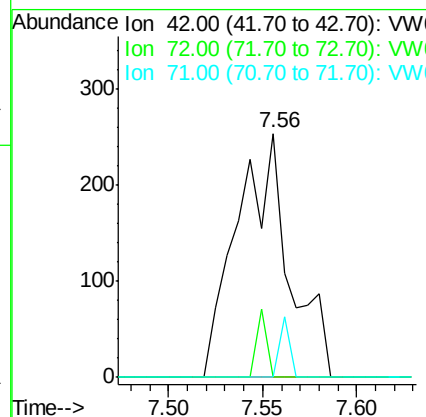
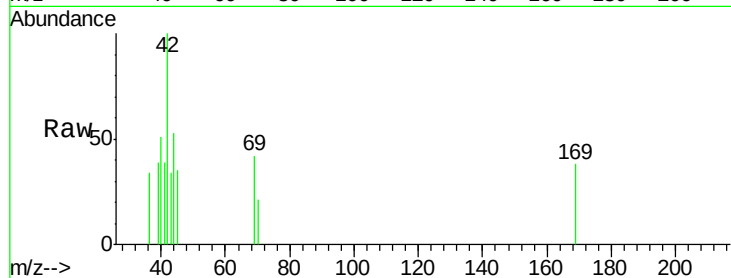




#29
Tetrahydrofuran
Concen: 2.826 ug/l
RT: 7.56 min Scan# 979
Delta R.T. 0.02 min
Lab File: VW003626.D
Acq: 27 Jun 2018 20:41

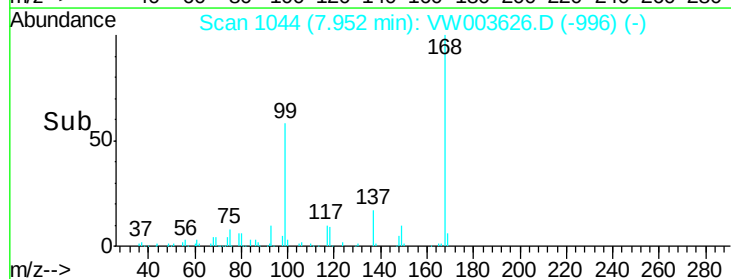
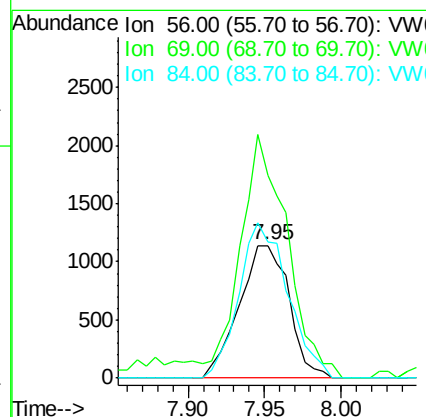
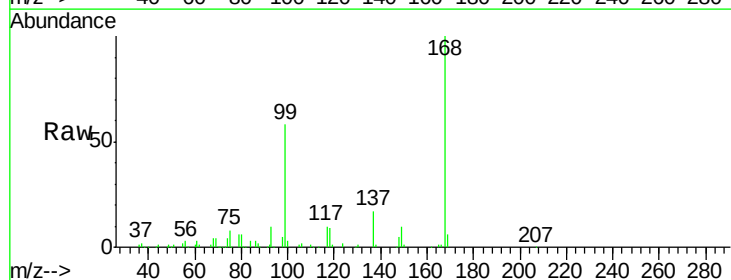
Instrument :
MSVOA_W
ClientSampled :

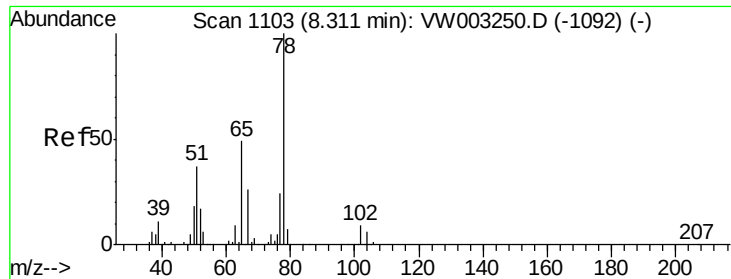
Tot Ion: 42 Resp: 488
Ion Ratio Lower Upper
42 100
72 5.3 32.4 48.6#
71 4.7 31.2 46.8#



#31
Cyclohexane
Concen: 1.476 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW003626.D
Acq: 27 Jun 2018 20:41

Tgt Ion: 56 Resp: 2584
Ion Ratio Lower Upper
56 100
69 152.9 26.3 39.5#
84 103.1 65.7 98.5#

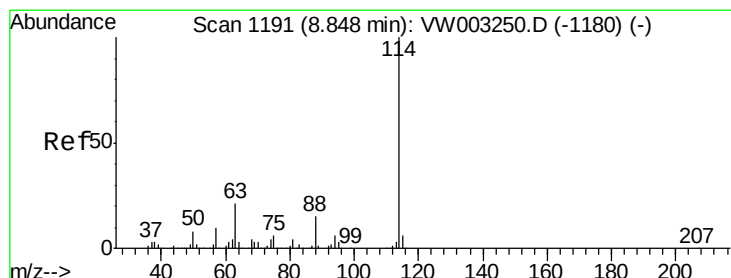
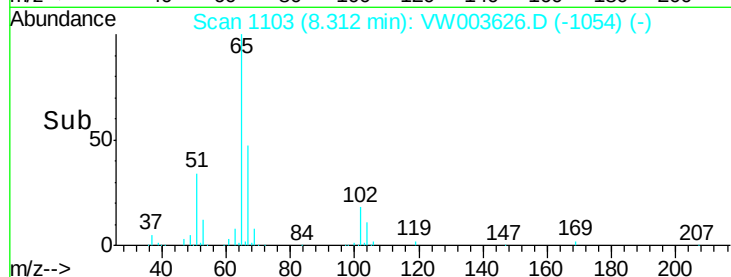
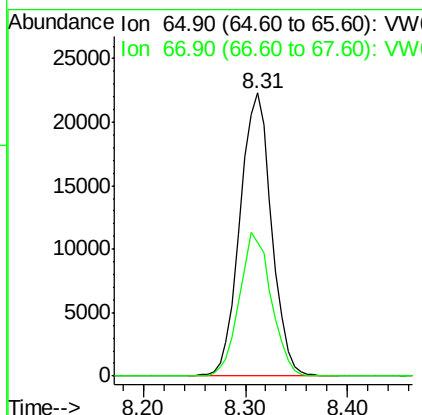
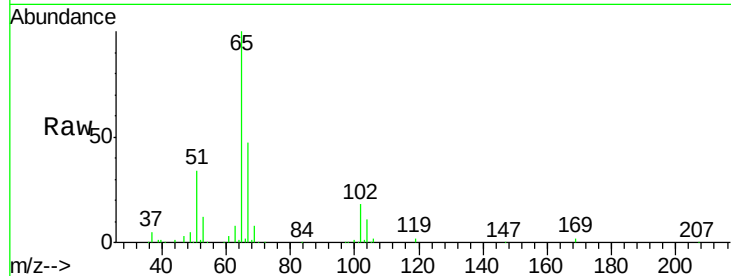




#33
 1,2-Dichloroethane-d4
 Concen: 44.353 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003626.D
 Acq: 27 Jun 2018 20:41

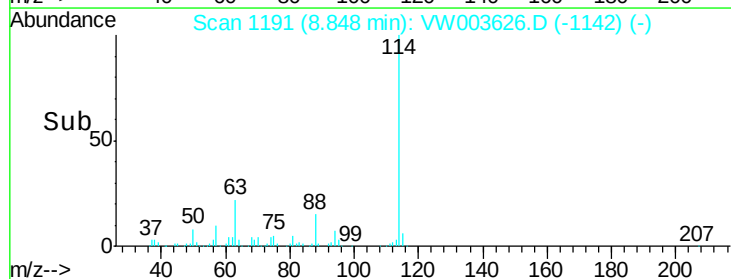
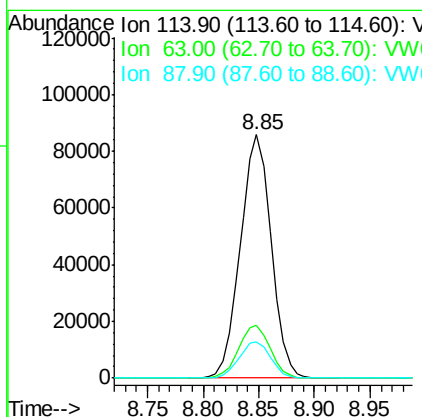
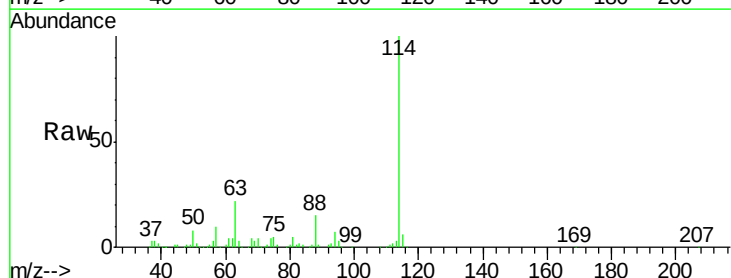
Instrument :
 MSVOA_W
 ClientSampled :

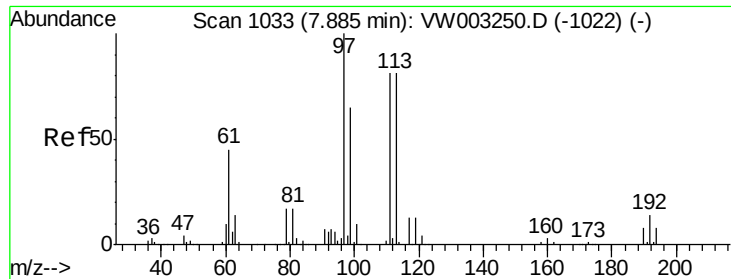
Tot Ion: 65 Resp: 48045
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003626.D
 Acq: 27 Jun 2018 20:41

Tgt Ion: 114 Resp: 165110
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.0
 88 14.7 0.0 29.6

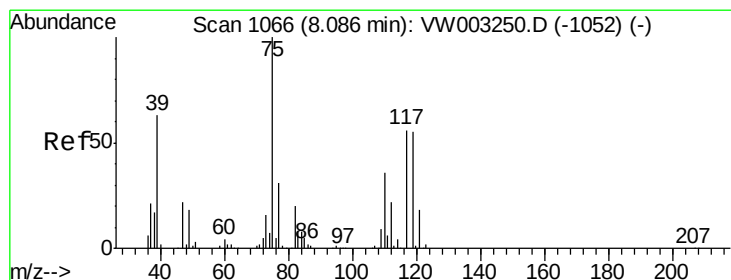
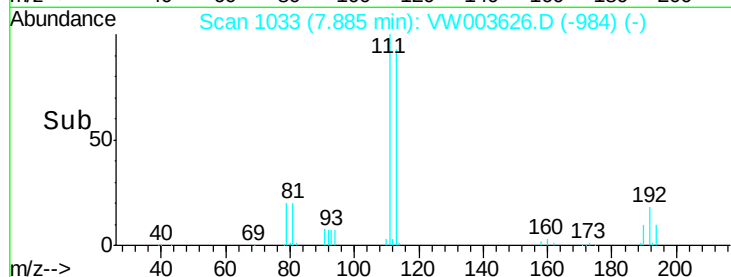
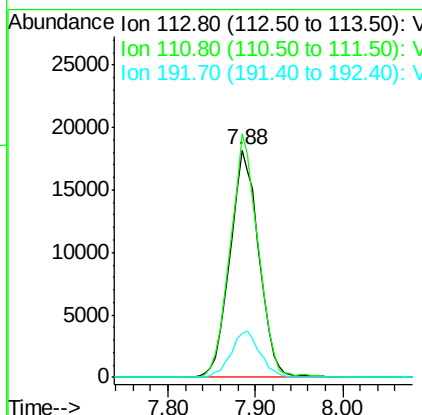
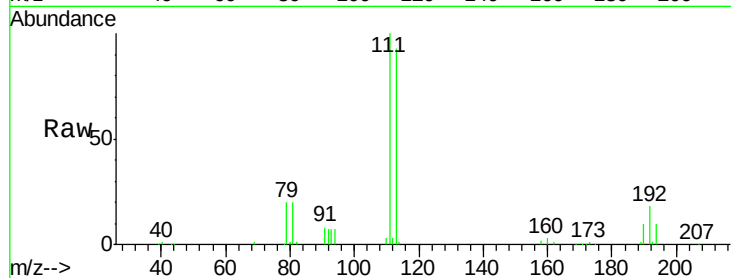




#35
 Dibromofluoromethane
 Concen: 40.733 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003626.D
 Acq: 27 Jun 2018 20:41

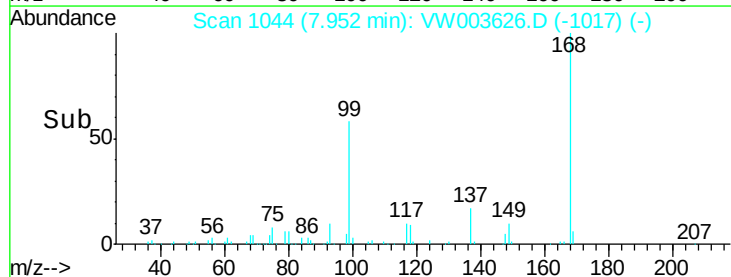
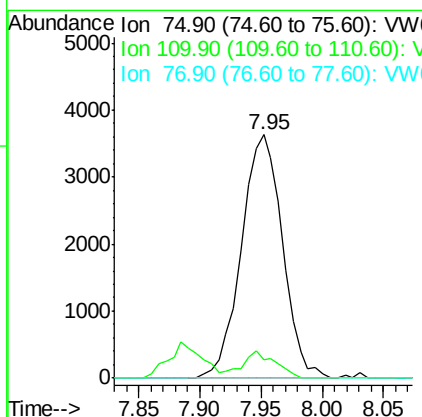
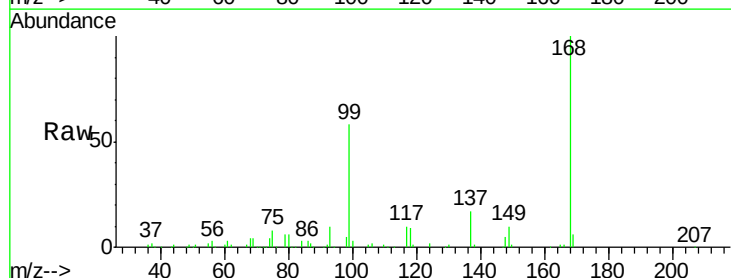
Instrument :
 MSVOA_W
 ClientSampled :

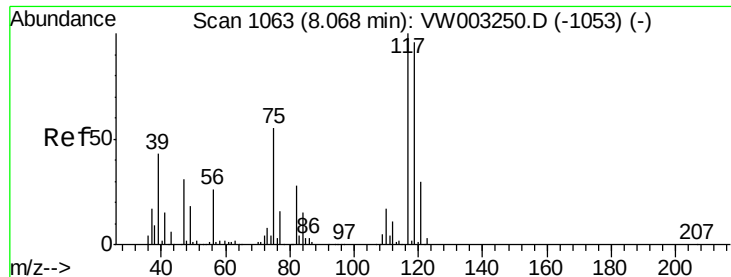
Tot Ion:113 Resp: 41790
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.2 123.2
 192 20.2 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 5.309 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003626.D
 Acq: 27 Jun 2018 20:41

Tgt Ion: 75 Resp: 8465
 Ion Ratio Lower Upper
 75 100
 110 8.6 17.1 51.3#
 77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 6.318 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003626.D

Acq: 27 Jun 2018 20:41

Instrument :

MSVOA_W

ClientSampled :

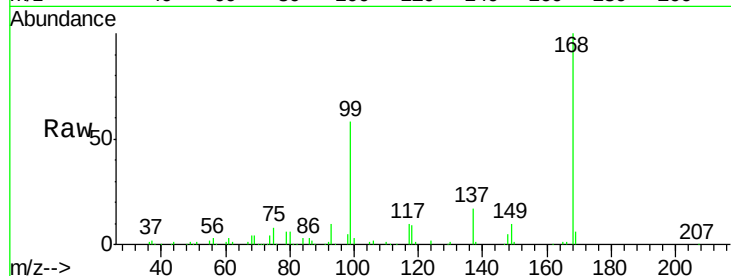
Tot Ion:117 Resp: 9882

Ion Ratio Lower Upper

117 100

119 5.3 76.6 115.0#

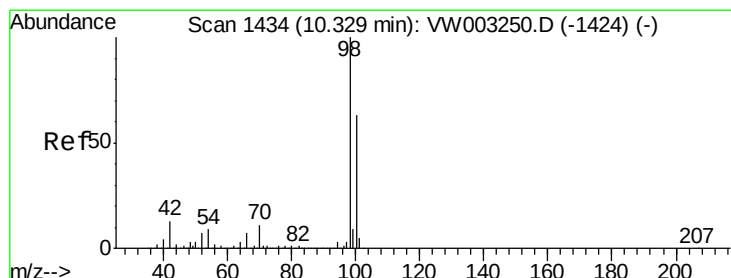
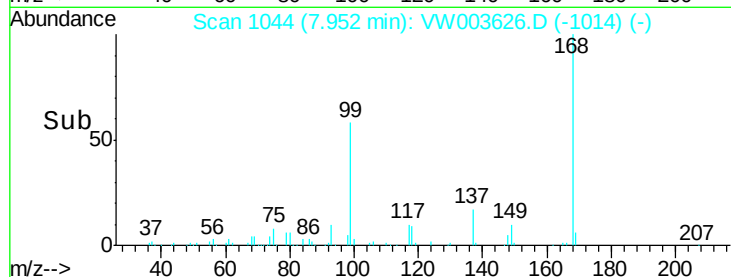
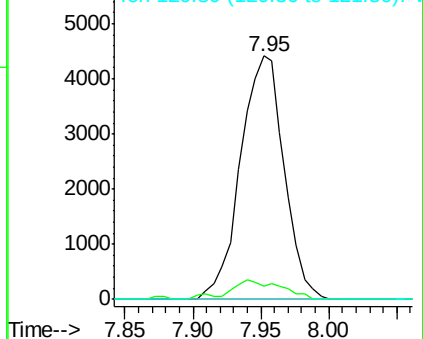
121 0.0 23.9 35.9#



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: 25.759 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003626.D

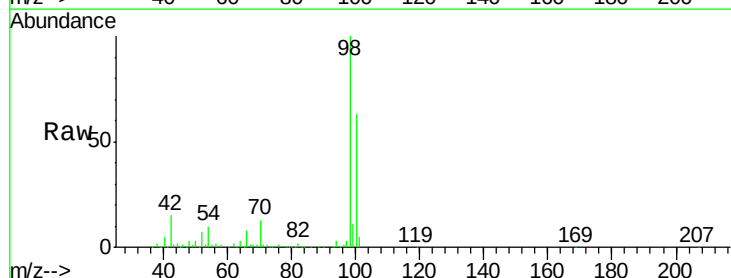
Acq: 27 Jun 2018 20:41

Tgt Ion: 98 Resp: 104790

Ion Ratio Lower Upper

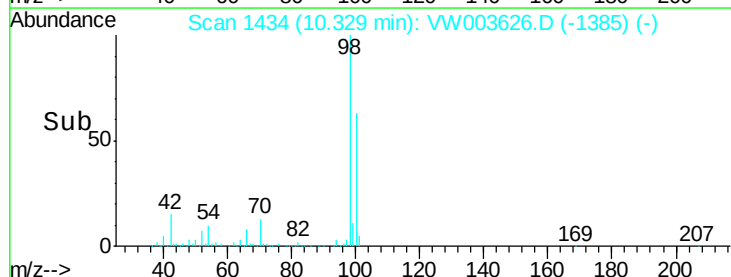
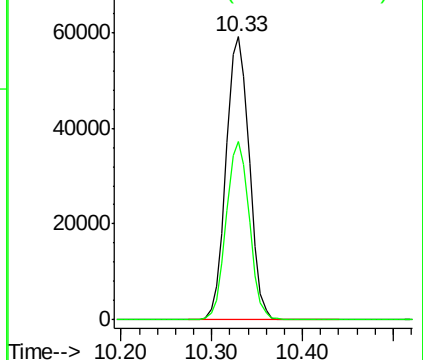
98 100

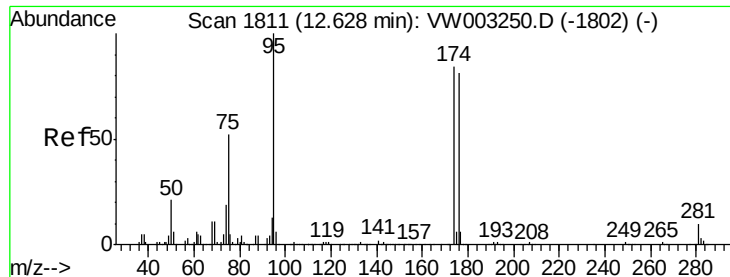
100 62.7 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

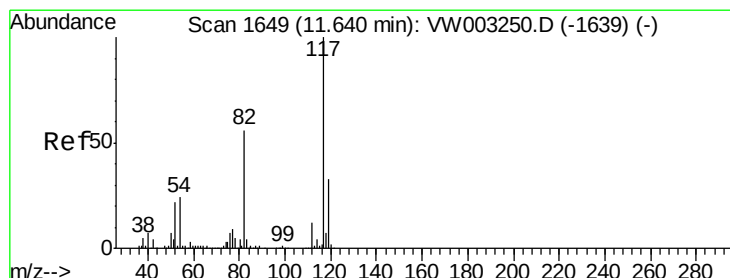
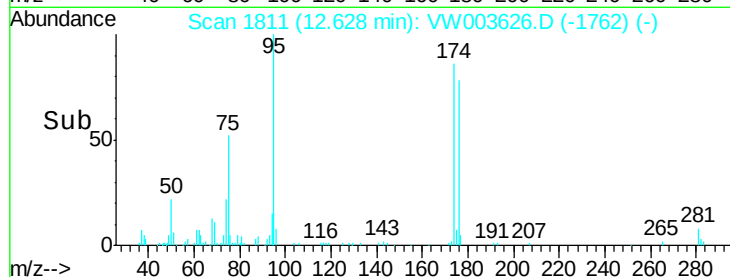
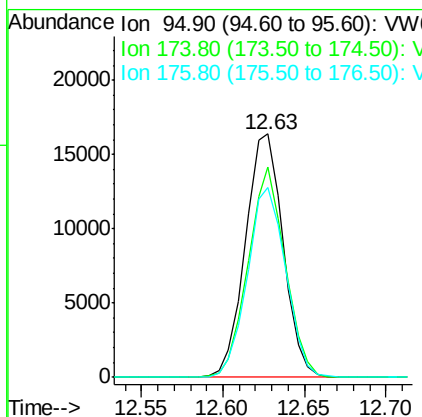
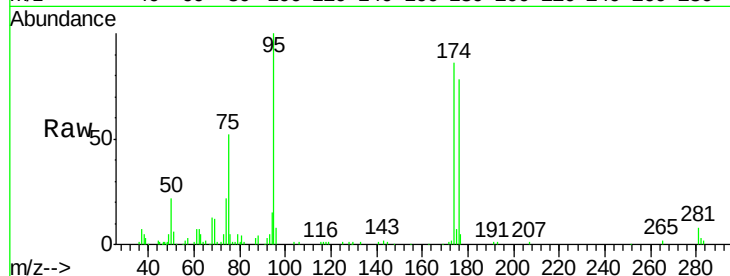




#62
4-Bromofluorobenzene
Concen: 18.338 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW003626.D
Acq: 27 Jun 2018 20:41

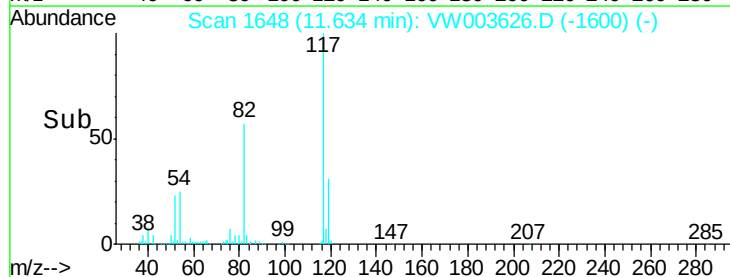
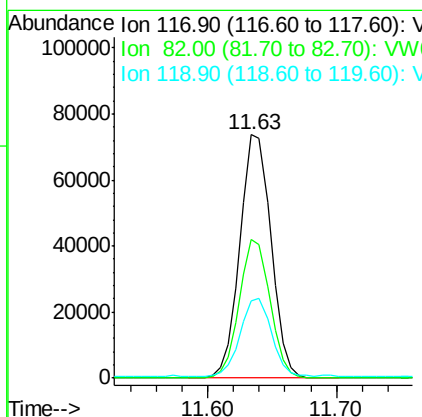
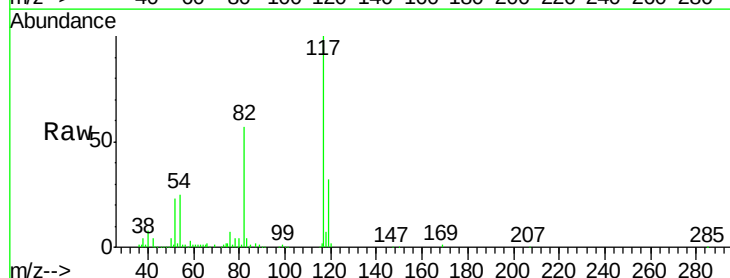
Instrument :
MSVOA_W
ClientSampleId :

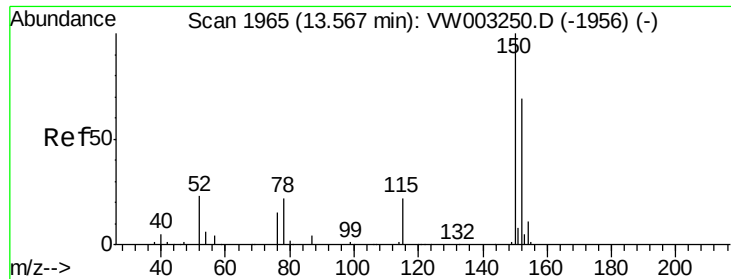
Tot Ion: 95 Resp: 26401
Ion Ratio Lower Upper
95 100
174 84.2 0.0 166.4
176 79.3 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003626.D
Acq: 27 Jun 2018 20:41

Tgt Ion: 117 Resp: 123524
Ion Ratio Lower Upper
117 100
82 57.1 44.6 67.0
119 31.1 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: VW003626.D

Acq: 27 Jun 2018 20:41

Instrument :

MSVOA_W

ClientSampled :

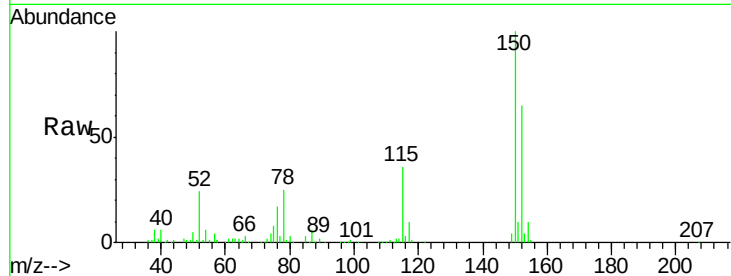
Tot Ion:152 Resp: 35357

Ion Ratio Lower Upper

152 100

115 57.0 29.3 88.0

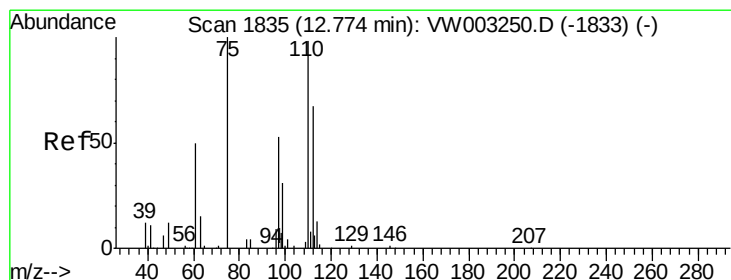
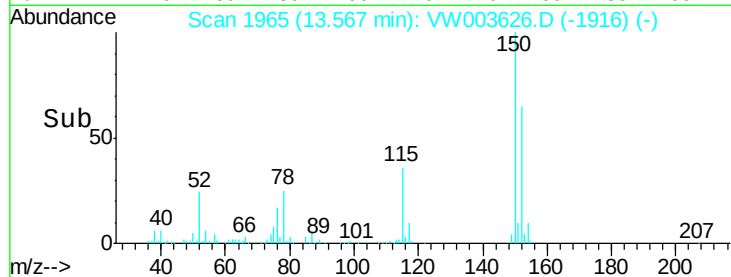
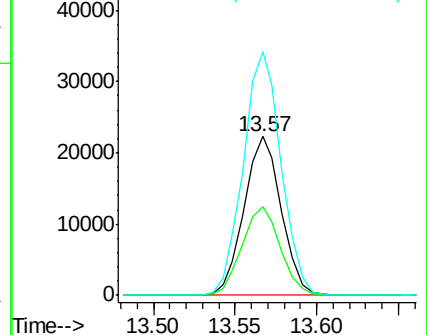
150 155.7 0.0 349.6



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: 48.131 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003626.D

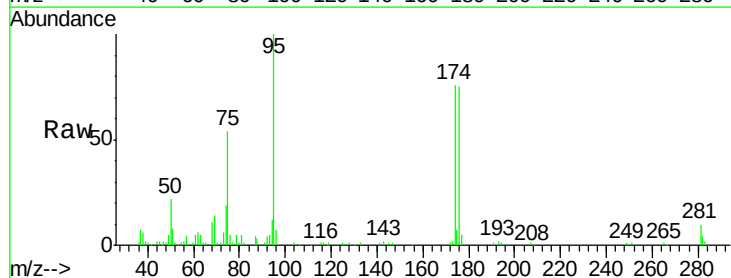
Acq: 27 Jun 2018 20:41

Tgt Ion: 75 Resp: 14548

Ion Ratio Lower Upper

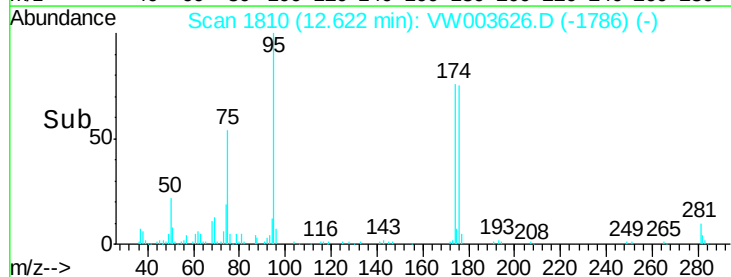
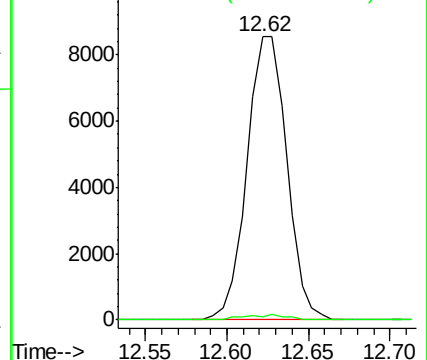
75 100

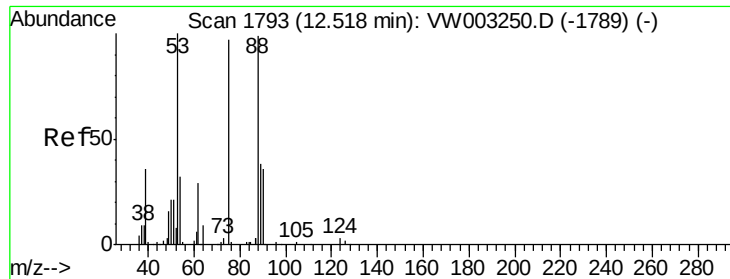
77 1.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

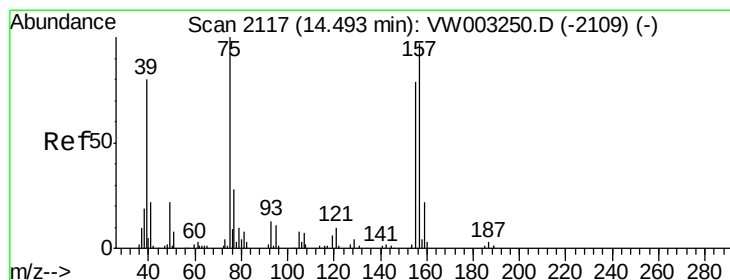
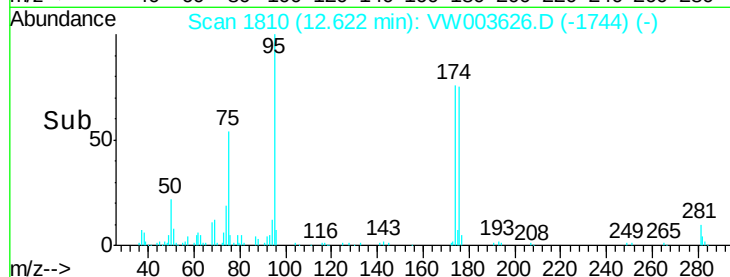
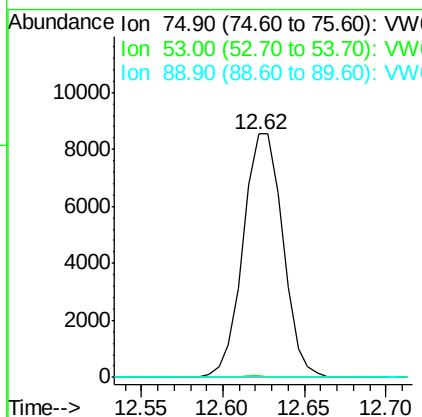
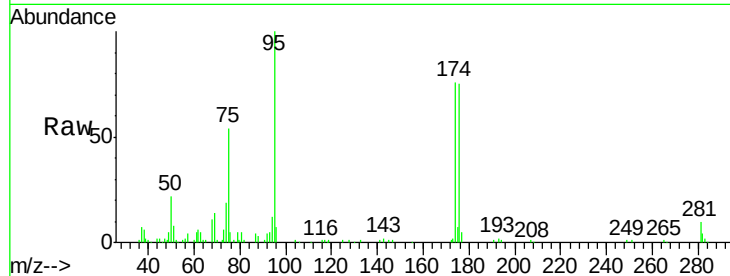




#81
trans-1,4-Dichloro-2-butene
Concen: 110.751 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.10 min
Lab File: VW003626.D
Acq: 27 Jun 2018 20:41

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 75 Resp: 14548
Ion Ratio Lower Upper
75 100
53 0.3 82.9 124.3#
89 0.0 36.7 55.1#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.085 ug/l
RT: 14.33 min Scan# 2090
Delta R.T. -0.16 min
Lab File: VW003626.D
Acq: 27 Jun 2018 20:41

Tgt Ion: 75 Resp: 76
Ion Ratio Lower Upper
75 100
155 0.0 39.4 118.2#
157 0.0 51.5 154.5#

