

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW021519\
 Data File : VW008718.D
 Acq On : 16 Feb 2019 07:58
 Operator : SY/VA
 Sample : K1513-03
 Misc : 5.10G/5ML/MSVOA_W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WALL-ONE

Quant Time: Feb 18 08:01:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	347950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	527740	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	458198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	228887	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	176844	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
35) Dibromofluoromethane	7.88	113	164128	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
50) Toluene-d8	10.32	98	617703	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
62) 4-Bromofluorobenzene	12.62	95	218297	45.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.76%	

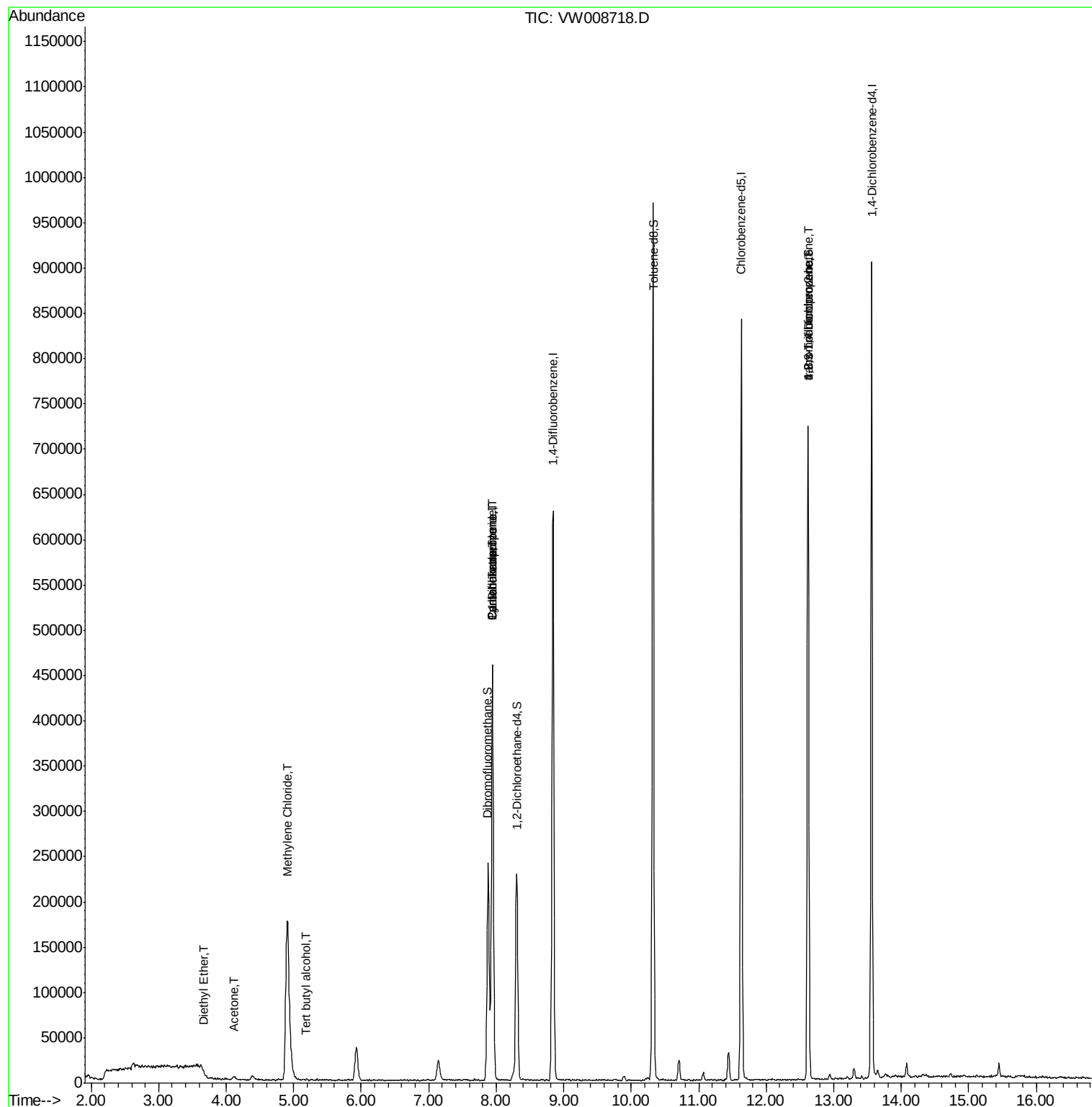
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.67	74	2057	1.049	ug/l	94
11) Tert butyl alcohol	5.18	59	756	2.612	ug/l #	72
16) Acetone	4.12	43	7364	8.946	ug/l #	84
20) Methylene Chloride	4.91	84	160501	43.282	ug/l	92
31) Cyclohexane	7.95	56	7834	1.184	ug/l #	10
36) 1,1-Dichloropropene	7.95	75	25263	4.765	ug/l #	52
38) Carbon Tetrachloride	7.95	117	33367	6.329	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	111175	49.189	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	111175	105.507	ug/l #	6

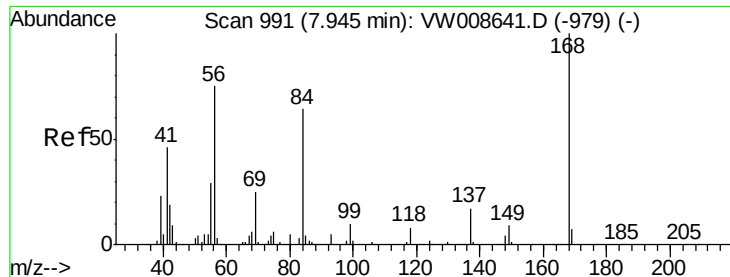
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW021519\
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ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WALL-ONE

Quant Time: Feb 18 08:01:20 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 04:06:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008718.D

Acq: 16 Feb 2019 07:58

Instrument :

MSVOA_W

ClientSampled :

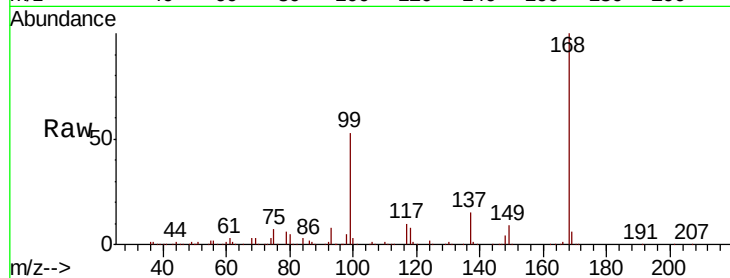
WALL-ONE

Tgt Ion:168 Resp: 347950

Ion Ratio Lower Upper

168 100

99 53.2 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

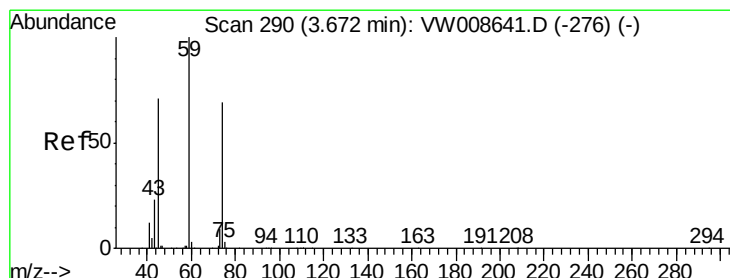
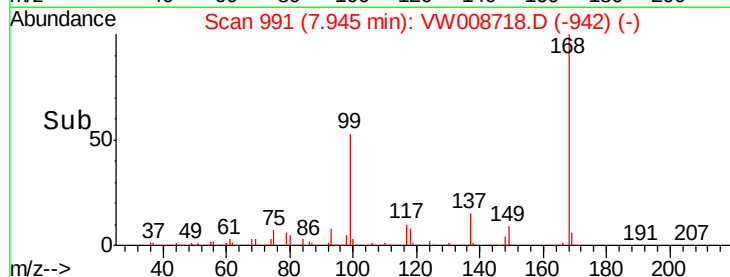
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.049 ug/l

RT: 3.67 min Scan# 289

Delta R.T. -0.01 min

Lab File: VW008718.D

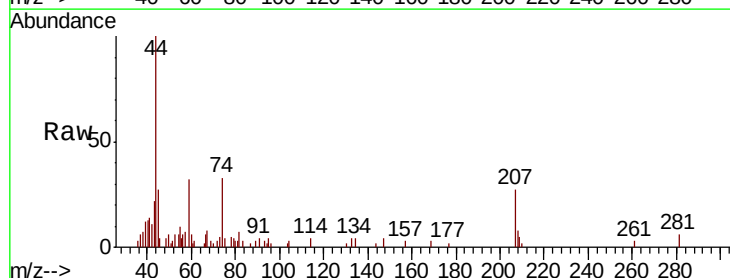
Acq: 16 Feb 2019 07:58

Tgt Ion: 74 Resp: 2057

Ion Ratio Lower Upper

74 100

45 94.3 50.2 150.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.67

1000

800

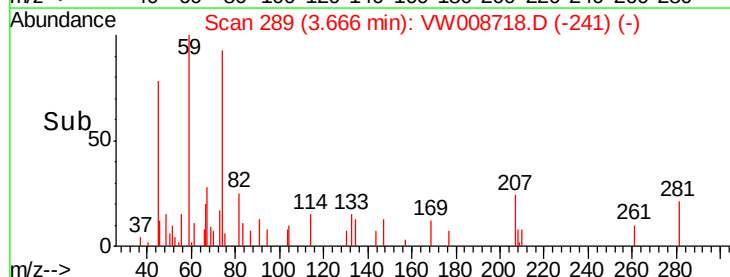
600

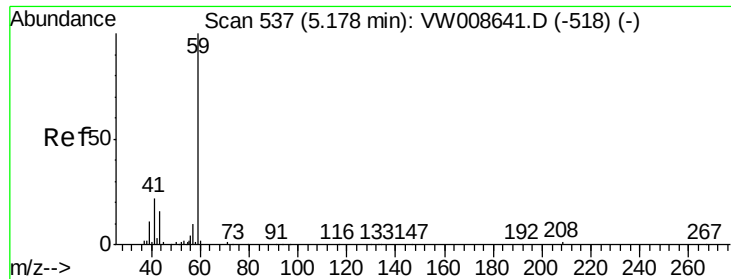
400

200

0

Time-->

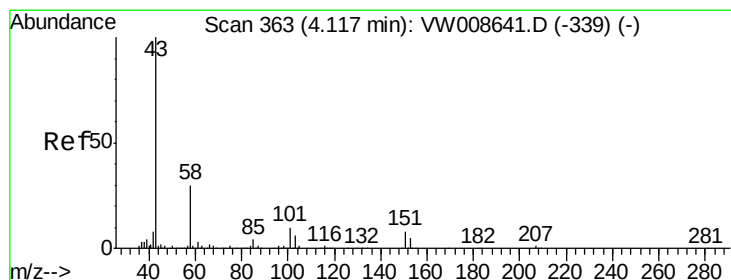
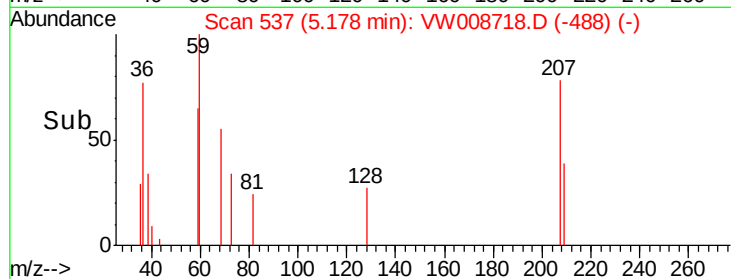
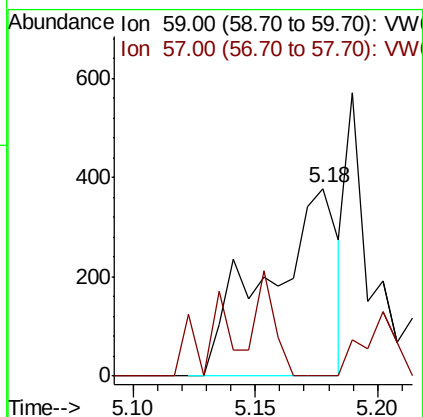
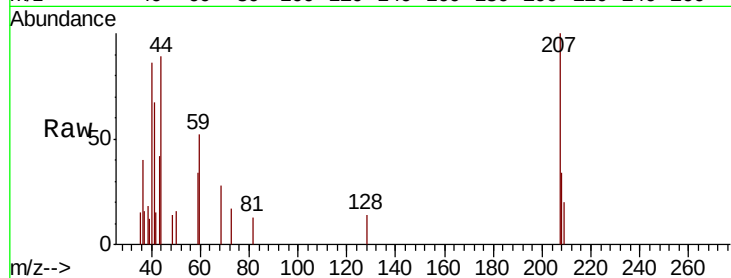




#11
Tert butyl alcohol
Concen: 2.612 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.00 min
Lab File: VW008718.D
Acq: 16 Feb 2019 07:58

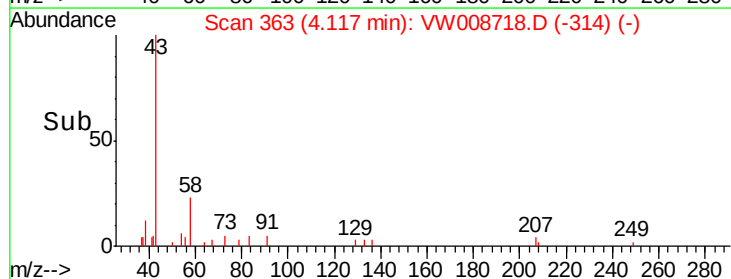
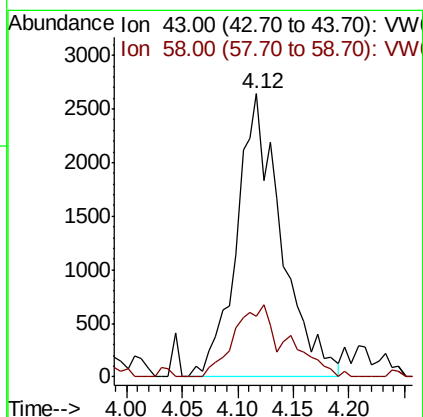
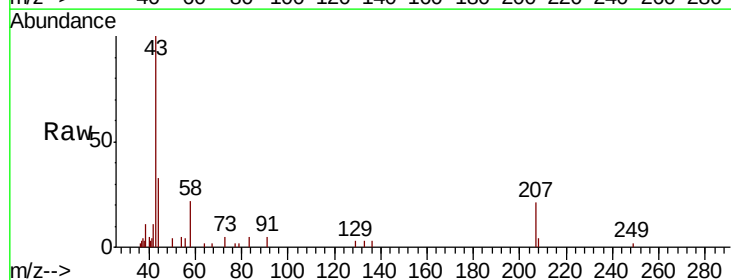
Instrument :
MSVOA_W
ClientSampled :
WALL-ONE

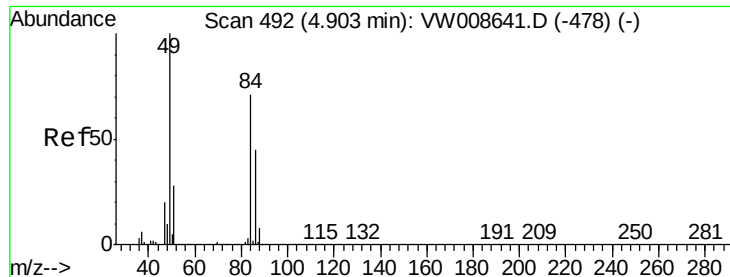
Tgt Ion: 59 Resp: 756
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 8.946 ug/l
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW008718.D
Acq: 16 Feb 2019 07:58

Tgt Ion: 43 Resp: 7364
Ion Ratio Lower Upper
43 100
58 21.7 24.1 36.1#





#20

Methylene Chloride

Concen: 43.282 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW008718.D

Acq: 16 Feb 2019 07:58

Instrument :
MSVOA_W
ClientSampled :
WALL-ONE

Tgt Ion: 84 Resp: 160501

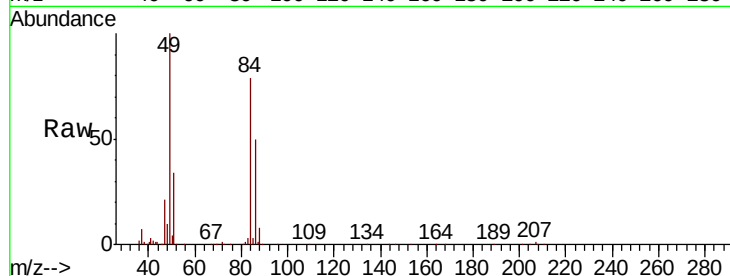
Ion Ratio Lower Upper

84 100

49 126.9 113.3 169.9

51 43.7 32.1 48.1

86 62.9 50.9 76.3



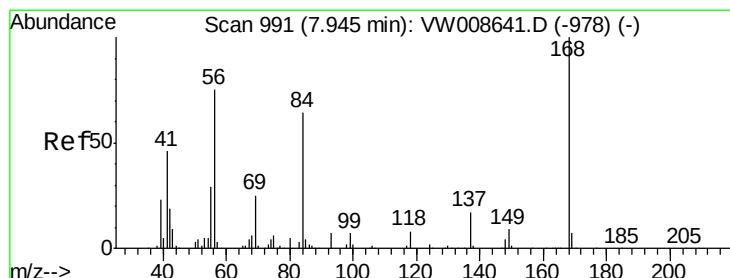
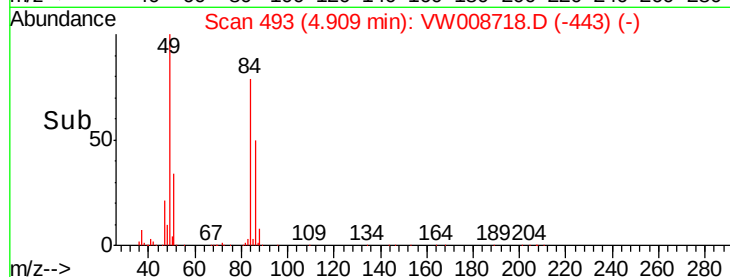
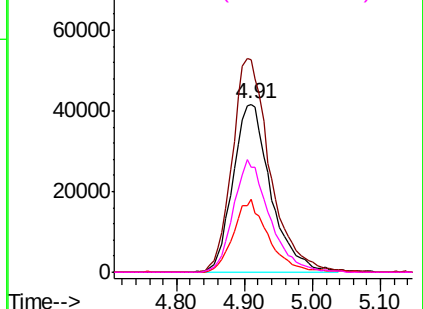
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#31

Cyclohexane

Concen: 1.184 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008718.D

Acq: 16 Feb 2019 07:58

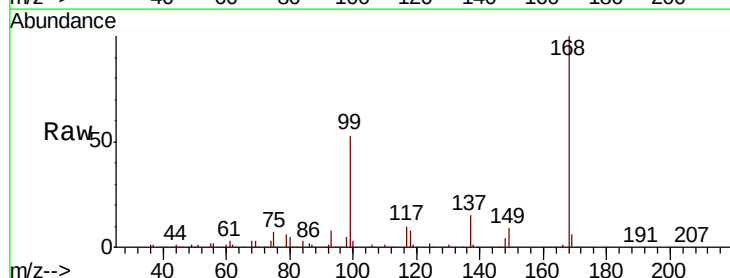
Tgt Ion: 56 Resp: 7834

Ion Ratio Lower Upper

56 100

69 156.4 26.4 39.6#

84 120.3 67.4 101.2#

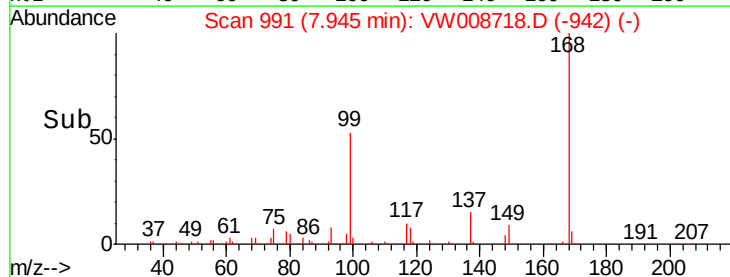
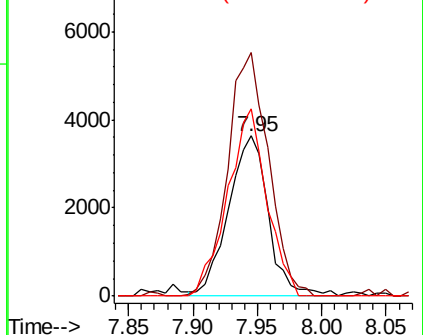


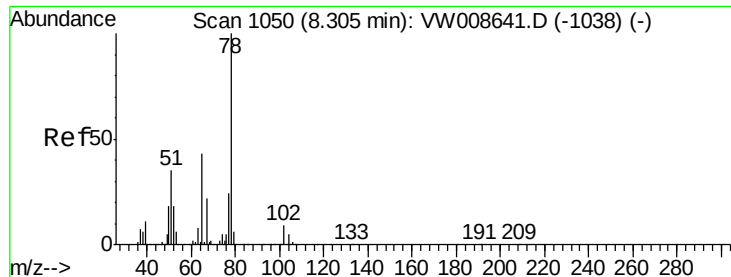
Abundance

Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

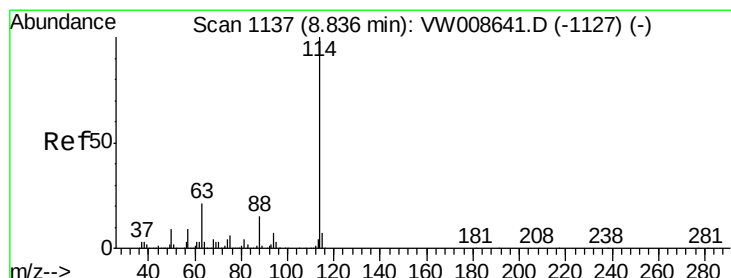
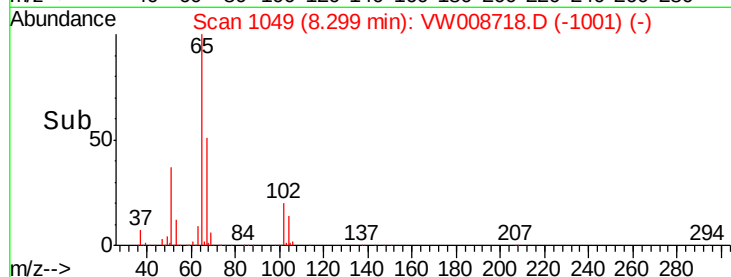
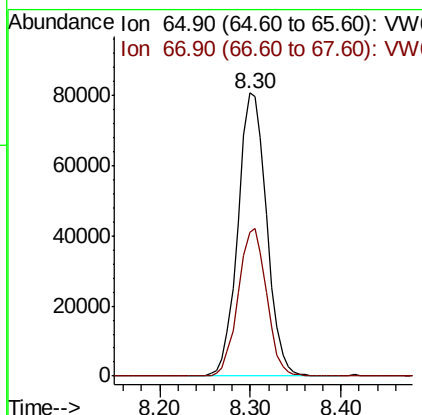
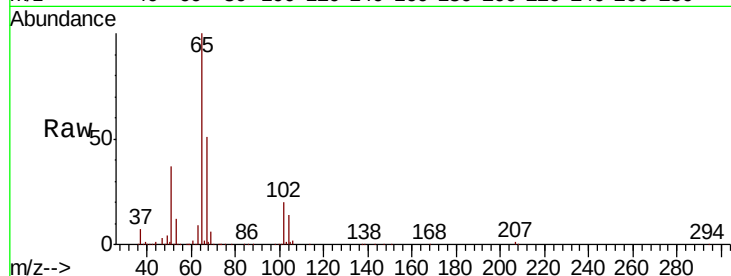




#33
 1,2-Dichloroethane-d4
 Concen: 48.887 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW008718.D
 Acq: 16 Feb 2019 07:58

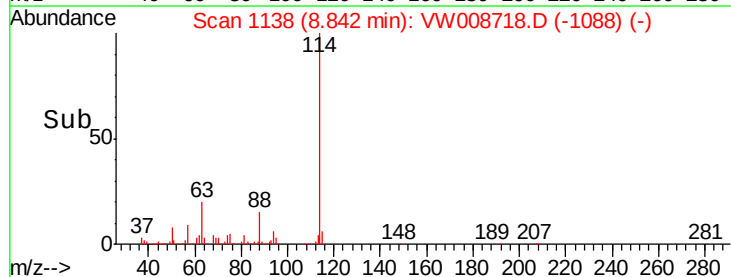
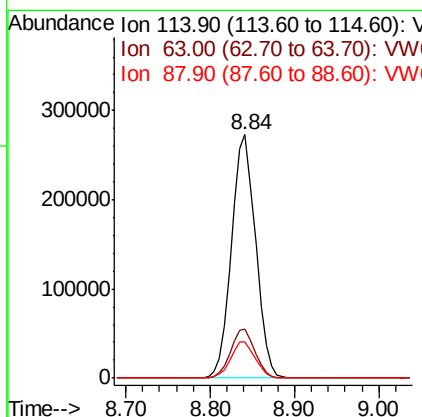
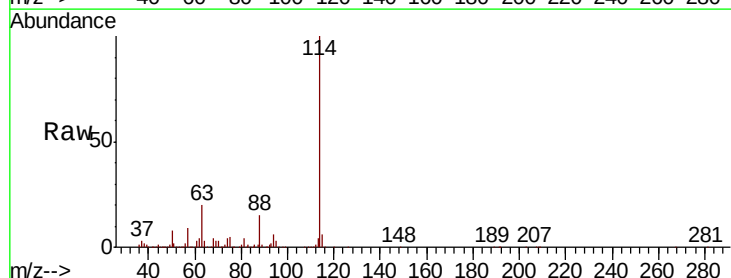
Instrument :
 MSVOA_W
 ClientSampled :
 WALL-ONE

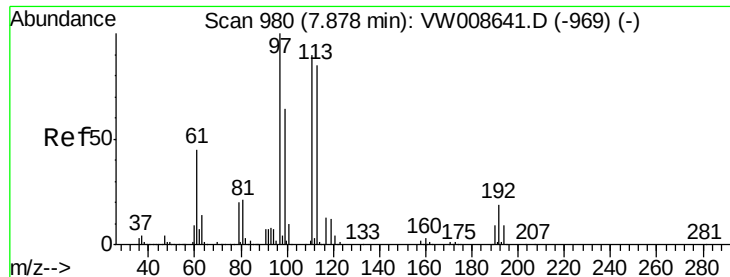
Tgt Ion: 65 Resp: 176844
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VW008718.D
 Acq: 16 Feb 2019 07:58

Tgt Ion: 114 Resp: 527740
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.2
 88 14.8 0.0 29.6

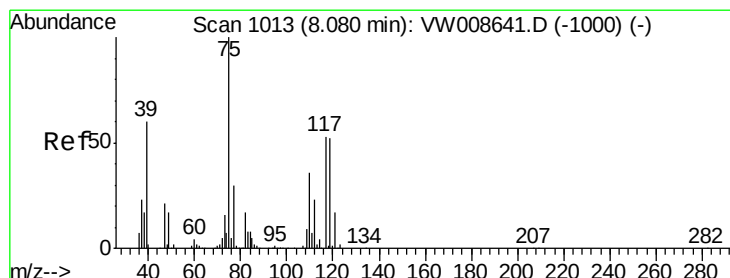
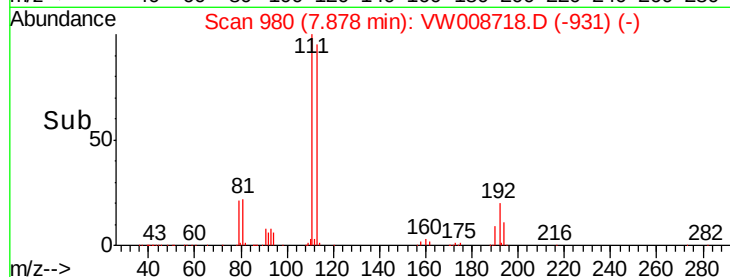
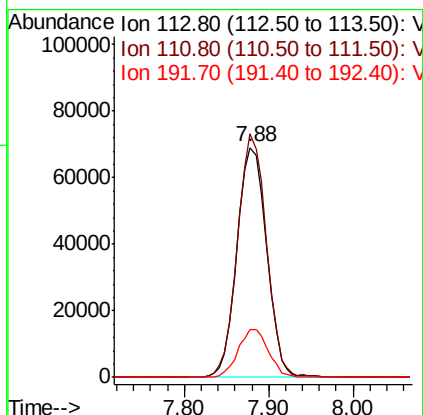
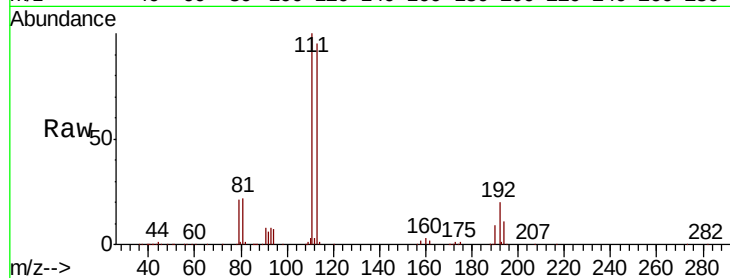




#35
 Dibromofluoromethane
 Concen: 50.086 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW008718.D
 Acq: 16 Feb 2019 07:58

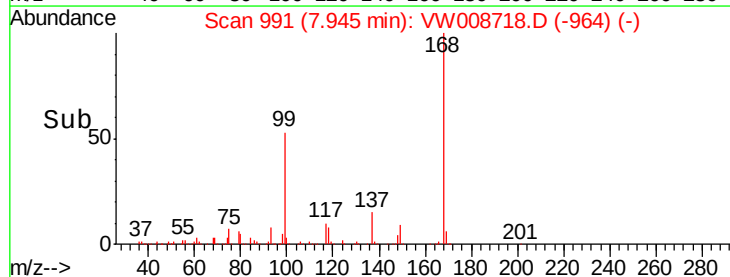
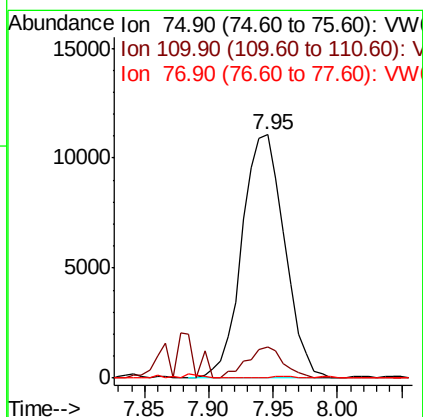
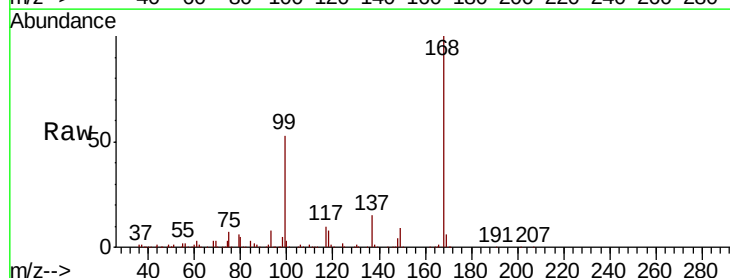
Instrument :
 MSVOA_W
 ClientSampleId :
 WALL-ONE

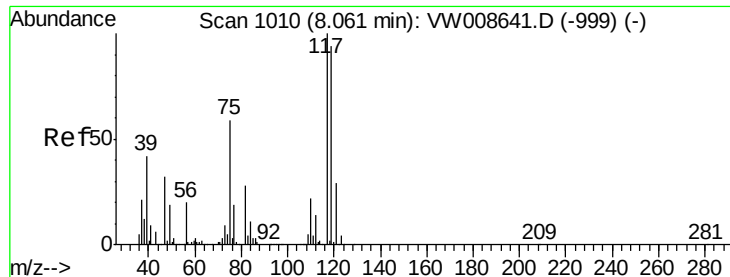
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	84.0	126.0
192	21.2	17.4	26.2



#36
 1,1-Dichloropropene
 Concen: 4.765 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008718.D
 Acq: 16 Feb 2019 07:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.1	17.8	53.3#
77	0.3	24.7	37.1#

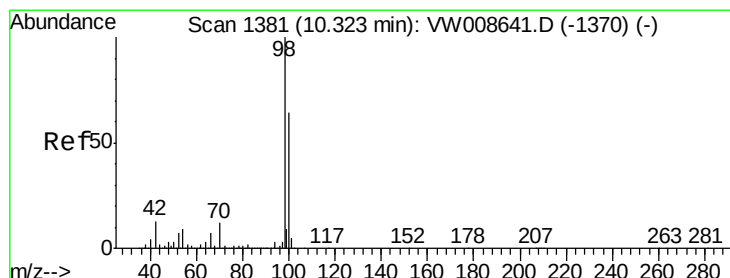
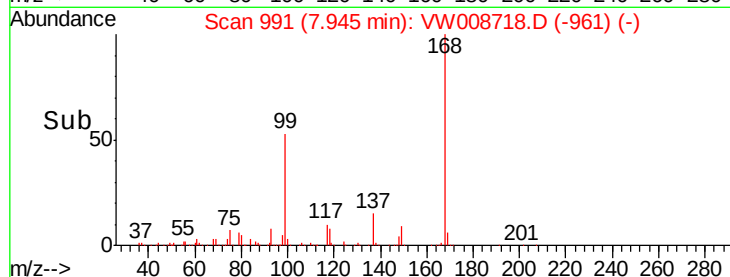
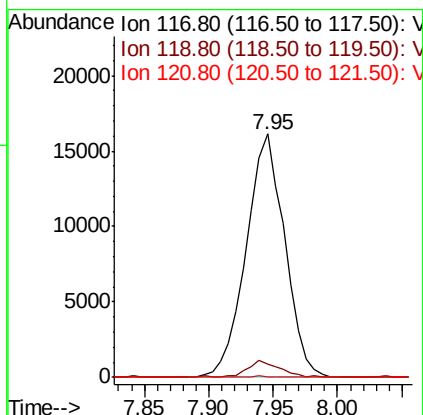
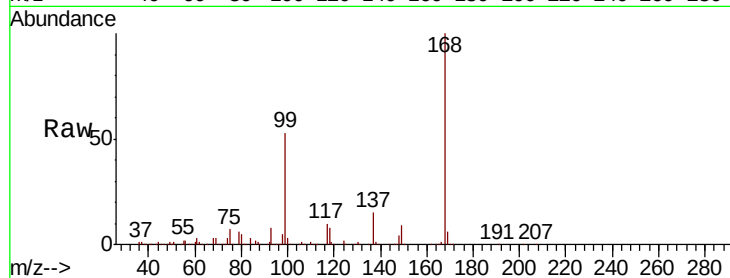




#38
Carbon Tetrachloride
Concen: 6.329 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW008718.D
Acq: 16 Feb 2019 07:58

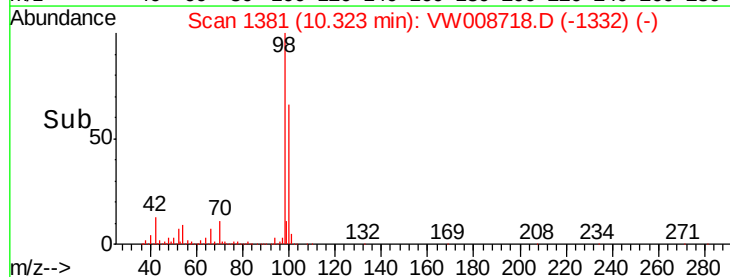
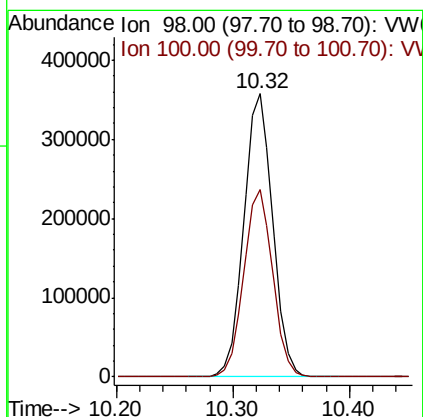
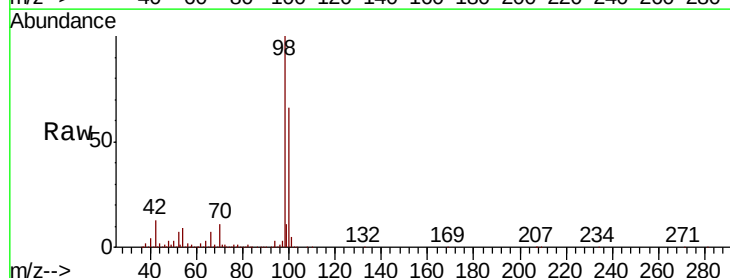
Instrument :
MSVOA_W
ClientSampleId :
WALL-ONE

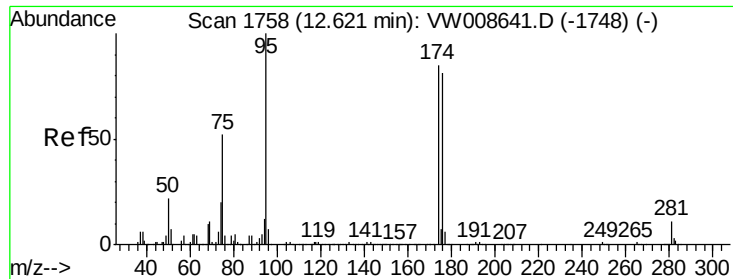
Tgt Ion:117 Resp: 33367
Ion Ratio Lower Upper
117 100
119 5.4 75.1 112.7#
121 0.0 23.5 35.3#



#50
Toluene-d8
Concen: 48.899 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008718.D
Acq: 16 Feb 2019 07:58

Tgt Ion: 98 Resp: 617703
Ion Ratio Lower Upper
98 100
100 66.3 52.2 78.4

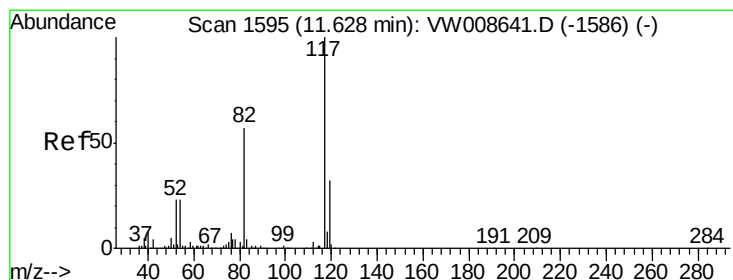
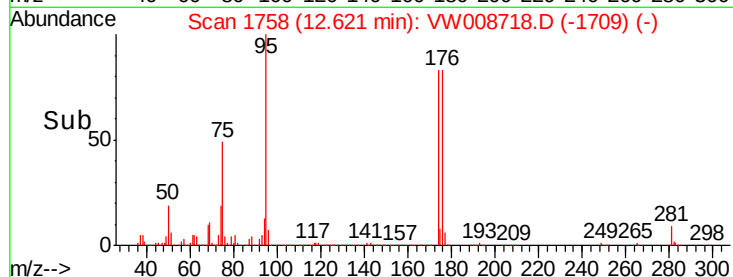
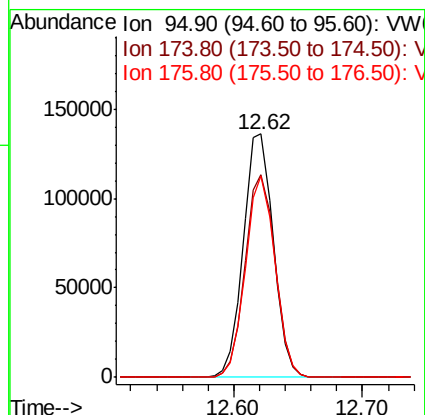
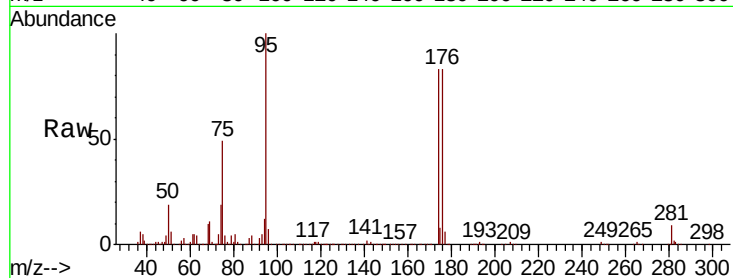




#62
4-Bromofluorobenzene
Concen: 45.879 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008718.D
Acq: 16 Feb 2019 07:58

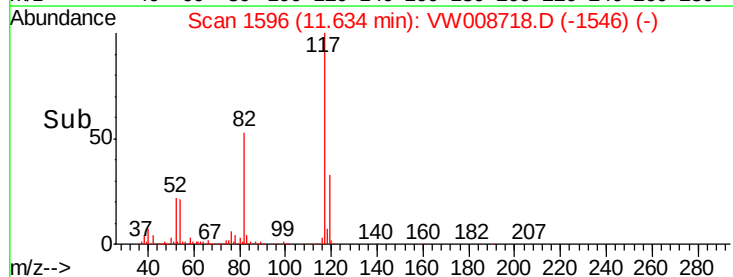
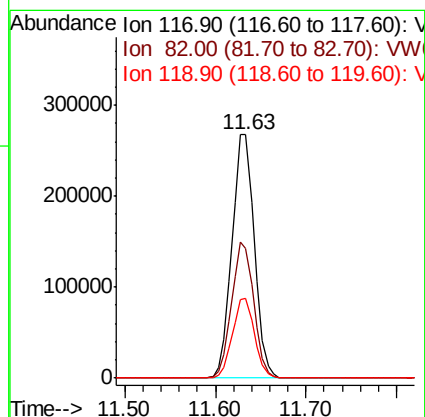
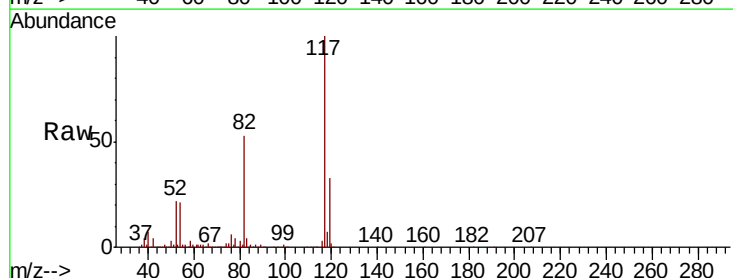
Instrument :
MSVOA_W
ClientSampleId :
WALL-ONE

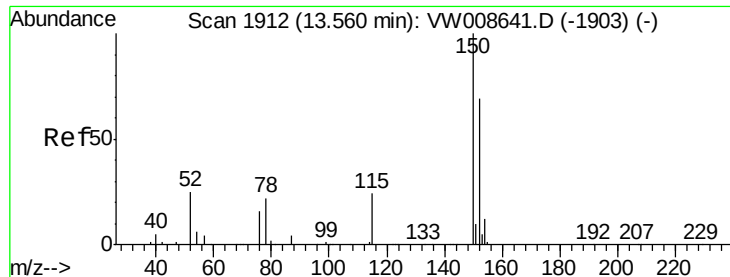
Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.6	0.0	163.2
176	81.3	0.0	158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW008718.D
Acq: 16 Feb 2019 07:58

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.2	45.6	68.4
119	33.0	25.7	38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008718.D

Acq: 16 Feb 2019 07:58

Instrument :

MSVOA_W

ClientSampleId :

WALL-ONE

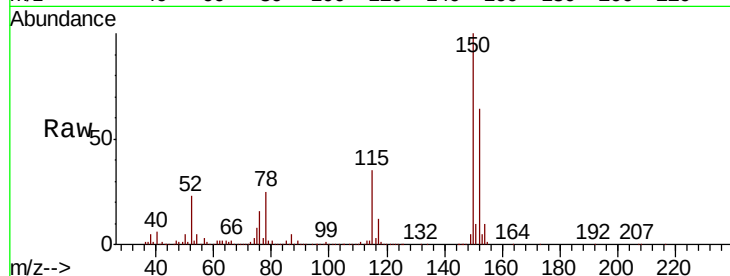
Tgt Ion:152 Resp: 228887

Ion Ratio Lower Upper

152 100

115 56.3 29.3 87.8

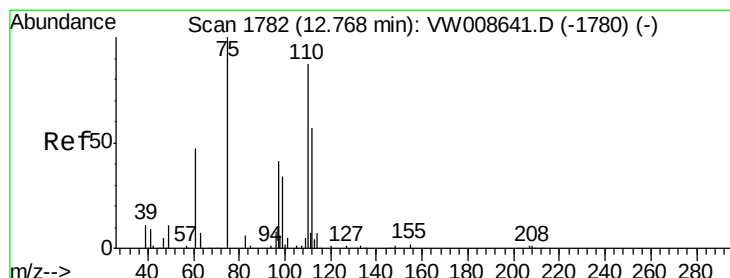
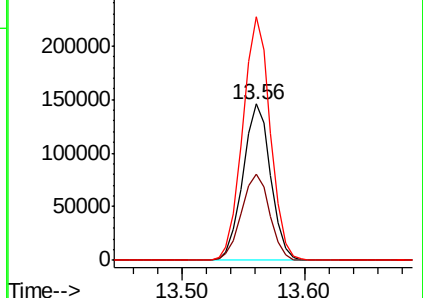
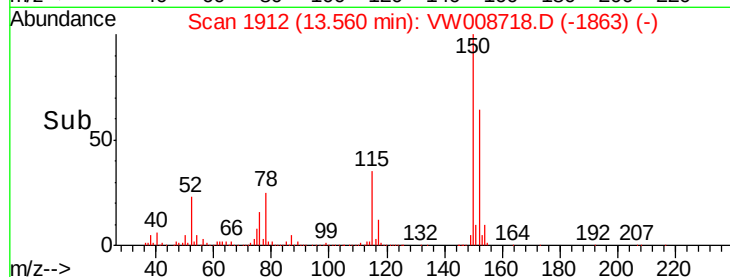
150 154.8 0.0 352.8



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: 49.189 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW008718.D

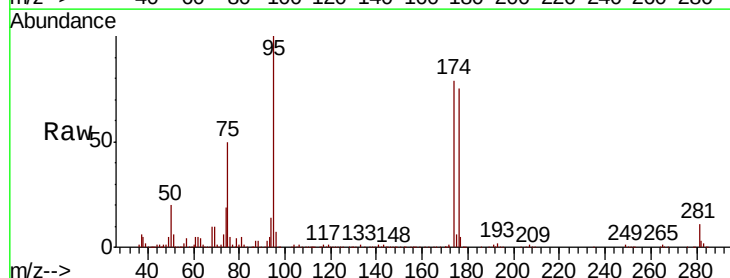
Acq: 16 Feb 2019 07:58

Tgt Ion: 75 Resp: 111175

Ion Ratio Lower Upper

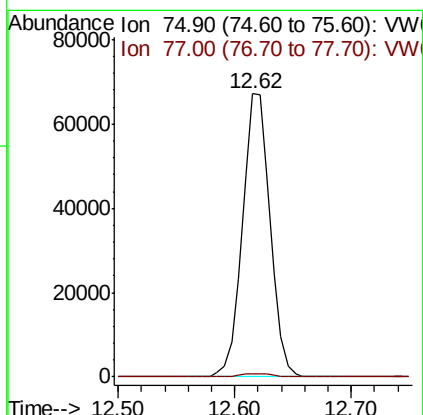
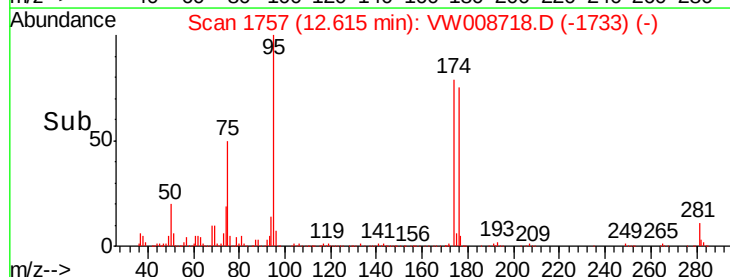
75 100

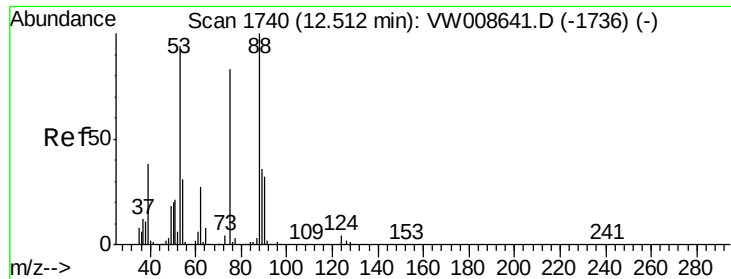
77 1.4 0.0 0.0#



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: 105.507 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW008718.D

Acq: 16 Feb 2019 07:58

Instrument :

MSVOA_W

ClientSampleId :

WALL-ONE

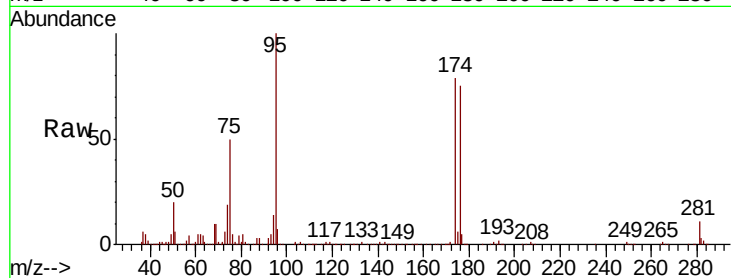
Tgt Ion: 75 Resp: 111175

Ion Ratio Lower Upper

75 100

53 0.1 87.4 131.0#

89 0.3 37.0 55.4#



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

