

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110518\
 Data File : VW006669.D
 Acq On : 06 Nov 2018 07:12
 Operator : SY/AP
 Sample : J5771-05
 Misc : 7.60G/5ML/MSVOA W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 06 08:39:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	253674	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	382973	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	303180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	130135	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	105699	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
35) Dibromofluoromethane	7.88	113	110517	45.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.96%	
50) Toluene-d8	10.33	98	330720	36.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.30%	
62) 4-Bromofluorobenzene	12.62	95	110241	33.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.46%	

Target Compounds

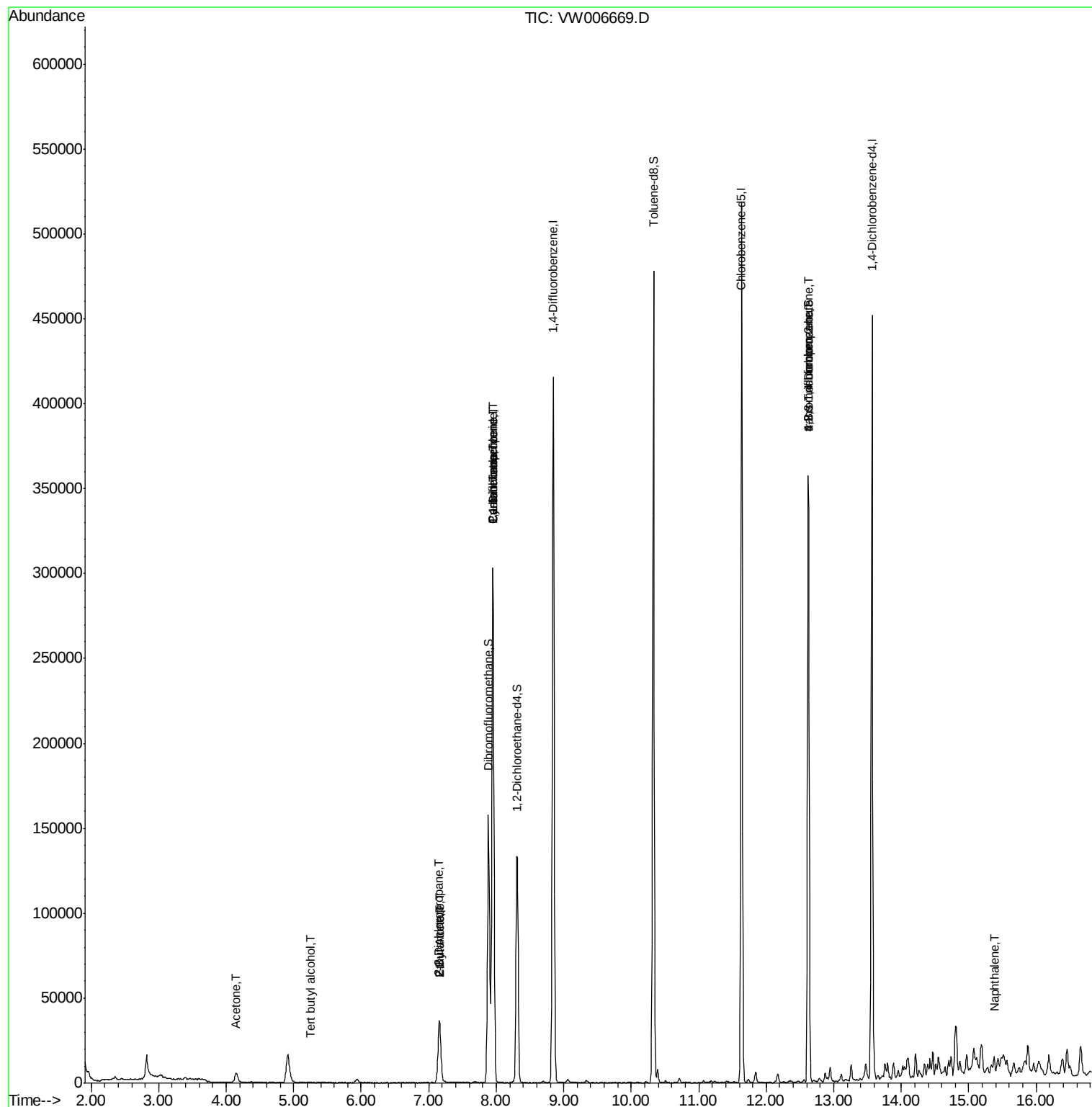
					Qvalue	
11) Tert butyl alcohol	5.25	59	621	5.286	ug/l #	84
16) Acetone	4.14	43	11640	33.063	ug/l	97
25) 2-Butanone	7.17	43	2812	5.598	ug/l #	65
26) 2,2-Dichloropropane	7.16	77	2598	1.130	ug/l #	49
31) Cyclohexane	7.95	56	4456	1.283	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	15873	4.713	ug/l #	48
37) Ethyl Acetate	7.17	43	2812	2.409	ug/l #	23
38) Carbon Tetrachloride	7.95	117	22548	6.407	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	54516	53.692	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	54516	134.308	ug/l #	11
95) Naphthalene	15.38	128	7638	1.625	ug/l #	83

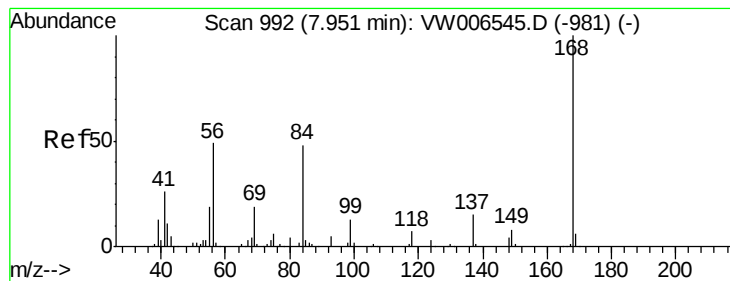
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110518\
Data File : VW006669.D
Acq On : 06 Nov 2018 07:12
Operator : SY/AP
Sample : J5771-05
Misc : 7.60G/5ML/MSVOA W/SOIL
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Nov 06 08:39:55 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006669.D

Acq: 06 Nov 2018 07:12

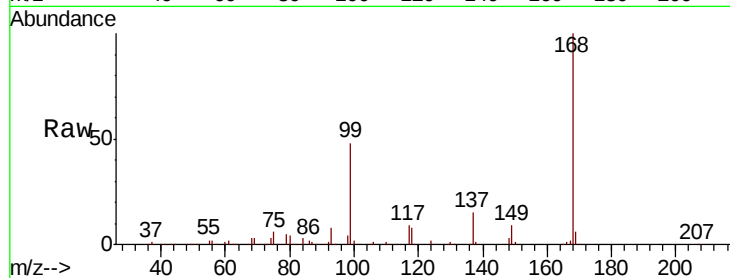
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 253674

Ion Ratio Lower Upper

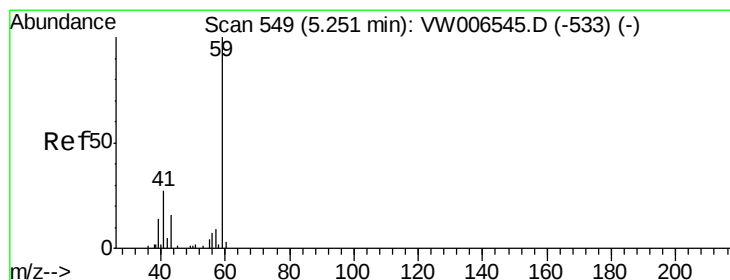
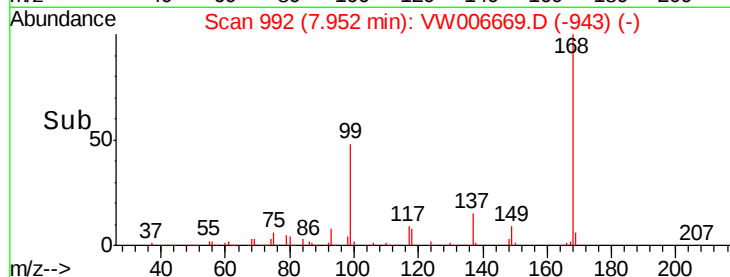
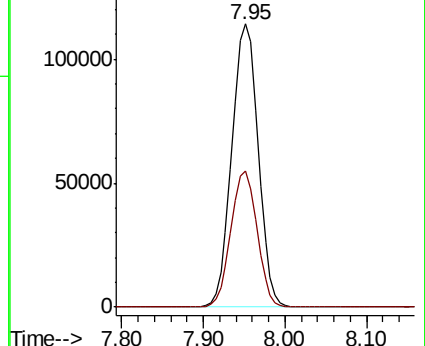
168 100

99 48.1 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 5.286 ug/l

RT: 5.25 min Scan# 549

Delta R.T. 0.00 min

Lab File: VW006669.D

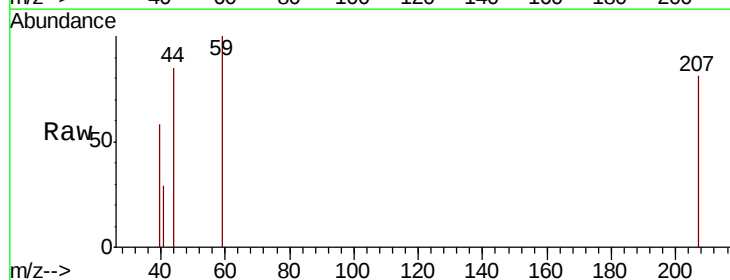
Acq: 06 Nov 2018 07:12

Tgt Ion: 59 Resp: 621

Ion Ratio Lower Upper

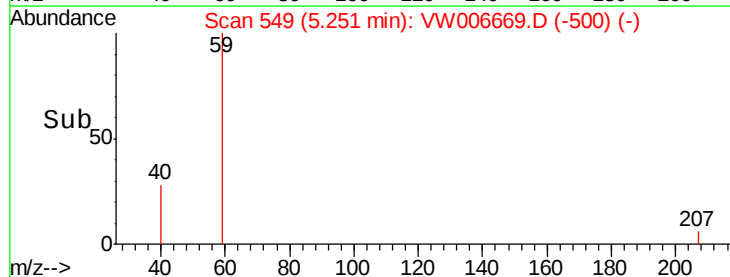
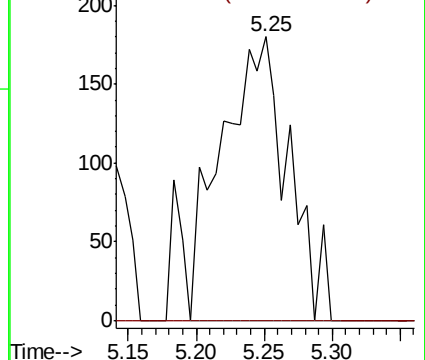
59 100

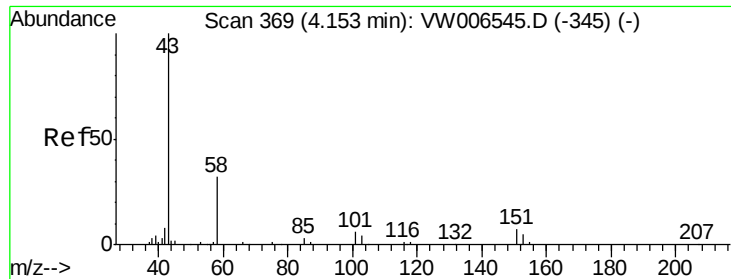
57 0.0 4.3 6.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

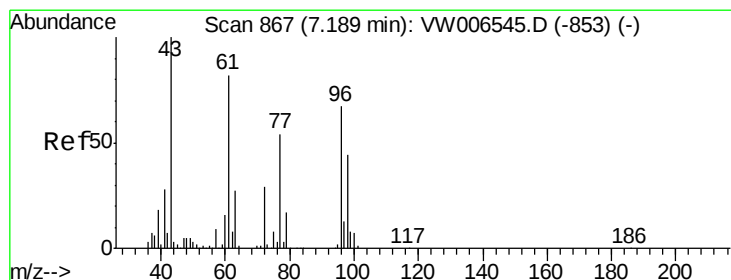
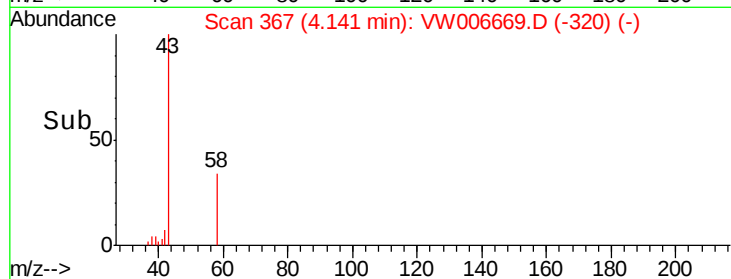
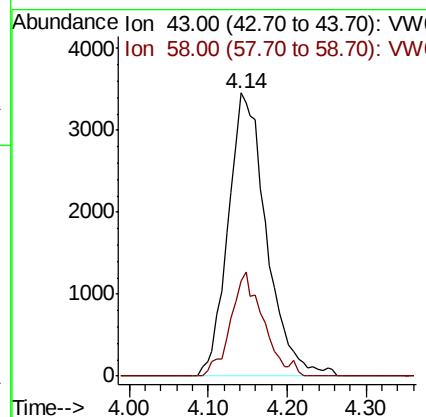
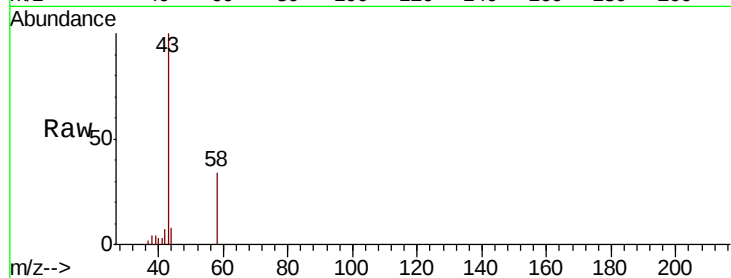




#16
Acetone
Concen: 33.063 ug/l
RT: 4.14 min Scan# 367
Delta R.T. -0.01 min
Lab File: VW006669.D
Acq: 06 Nov 2018 07:12

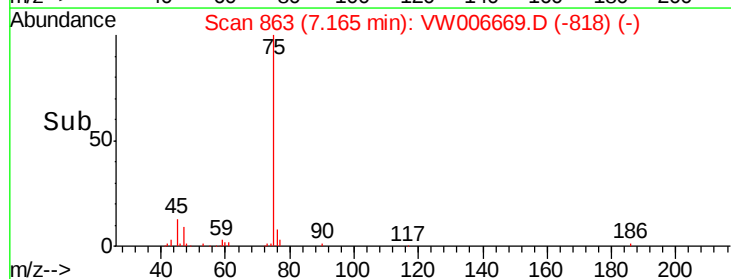
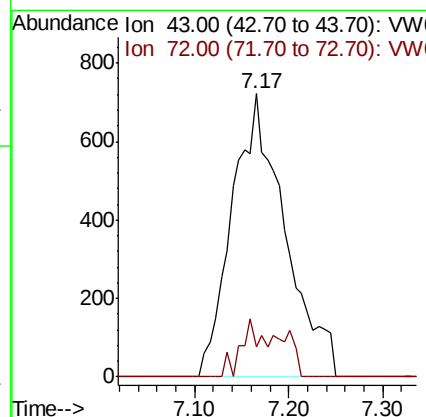
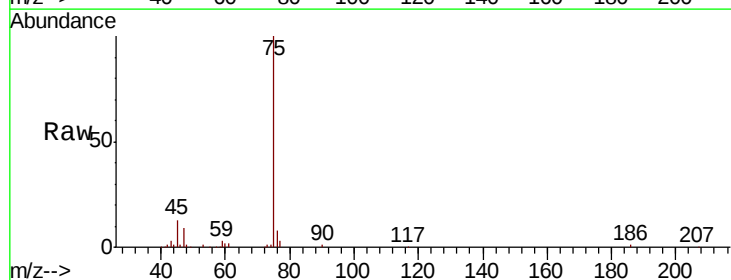
Instrument :
MSVOA_W
ClientSampleId :

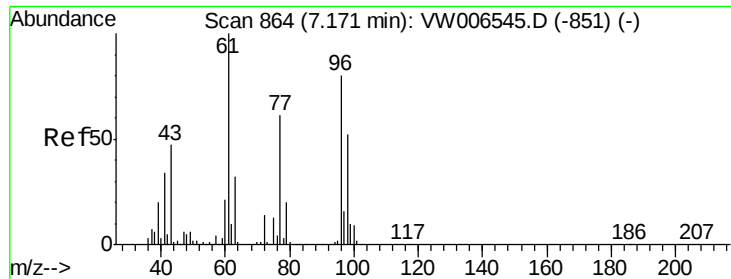
Tot Ion: 43 Resp: 11640
Ion Ratio Lower Upper
43 100
58 33.7 25.8 38.8



#25
2-Butanone
Concen: 5.598 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.02 min
Lab File: VW006669.D
Acq: 06 Nov 2018 07:12

Tgt Ion: 43 Resp: 2812
Ion Ratio Lower Upper
43 100
72 10.5 23.2 34.8#





#26

2,2-Dichloropropane

Concen: 1.130 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW006669.D

Acq: 06 Nov 2018 07:12

Instrument :

MSVOA_W

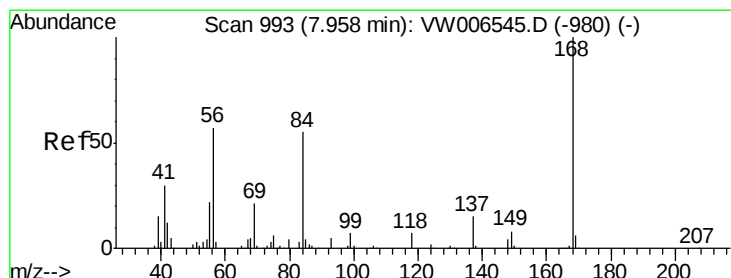
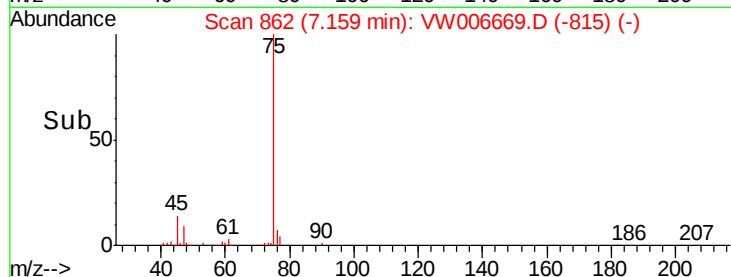
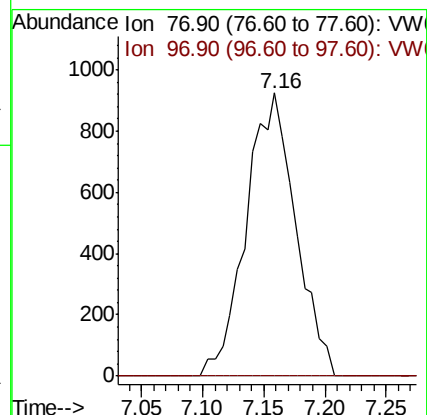
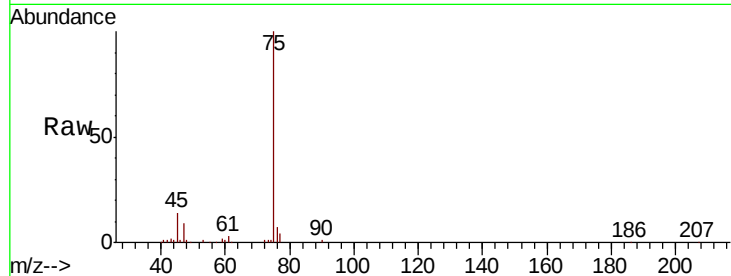
ClientSampleId :

Tot Ion: 77 Resp: 2598

Ion Ratio Lower Upper

77 100

97 0.0 12.8 38.4#



#31

Cyclohexane

Concen: 1.283 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006669.D

Acq: 06 Nov 2018 07:12

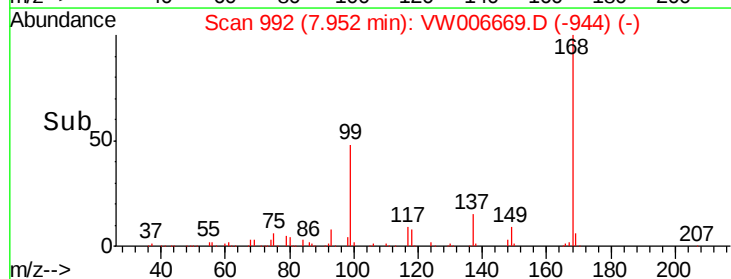
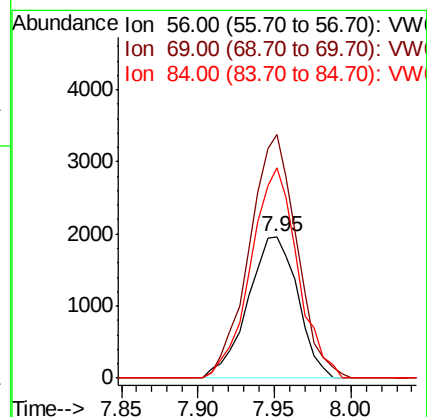
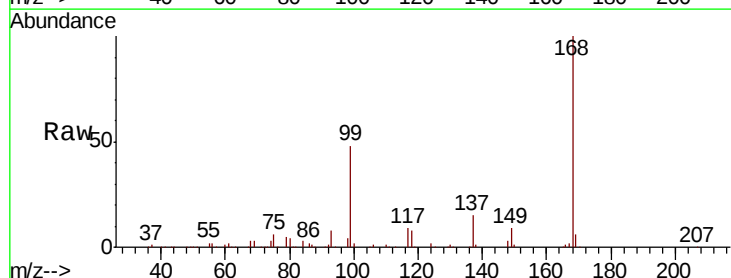
Tgt Ion: 56 Resp: 4456

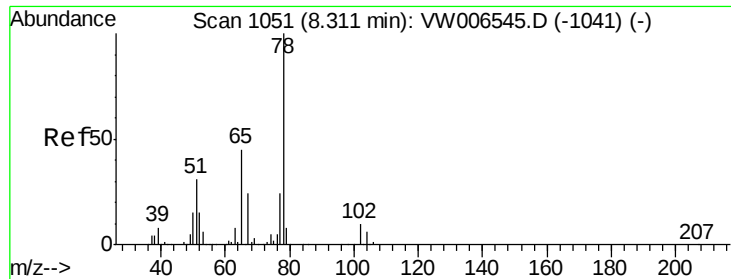
Ion Ratio Lower Upper

56 100

69 171.7 29.0 43.4#

84 148.6 77.8 116.6#





#33

1,2-Dichloroethane-d4

Concen: 48.473 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006669.D

Acq: 06 Nov 2018 07:12

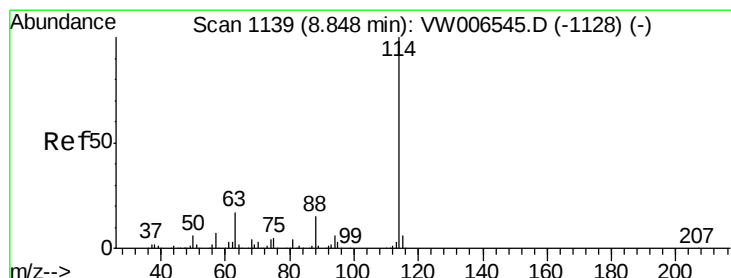
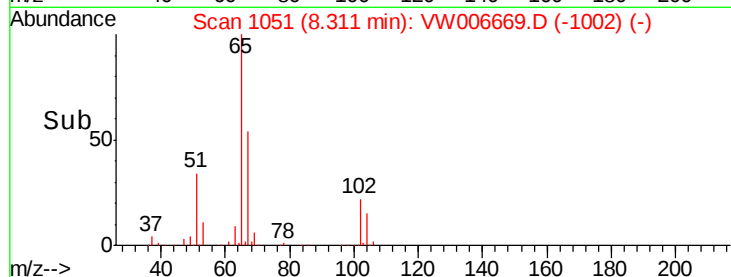
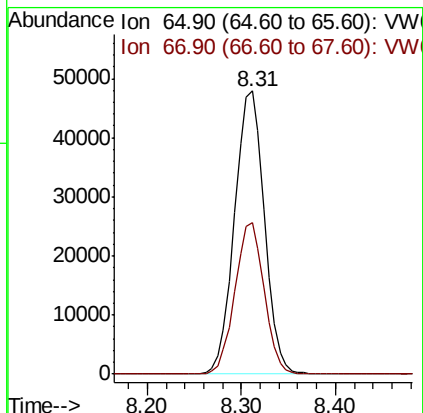
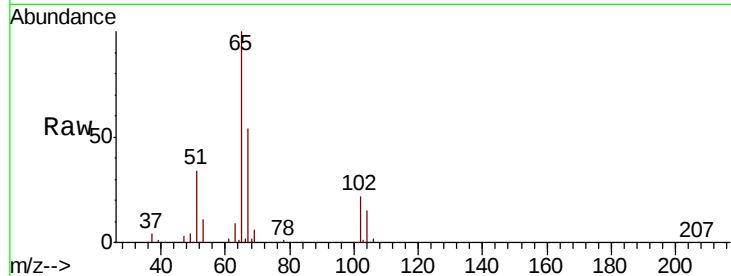
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 65 Resp: 105699

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW006669.D

Acq: 06 Nov 2018 07:12

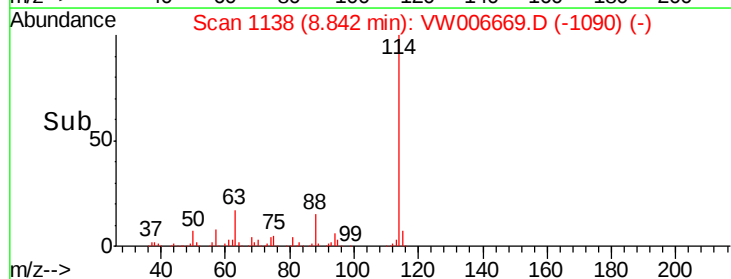
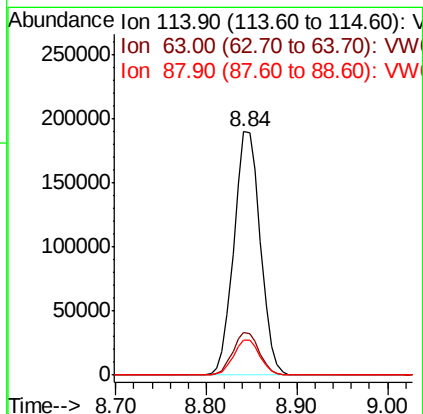
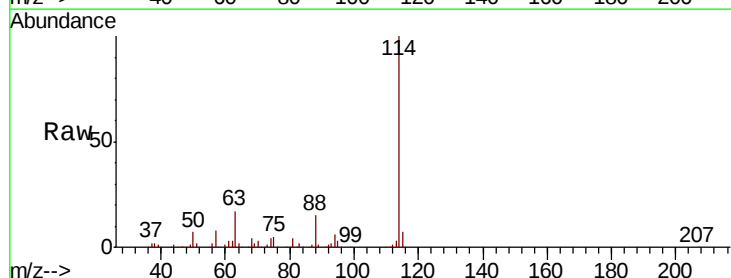
Tgt Ion: 114 Resp: 382973

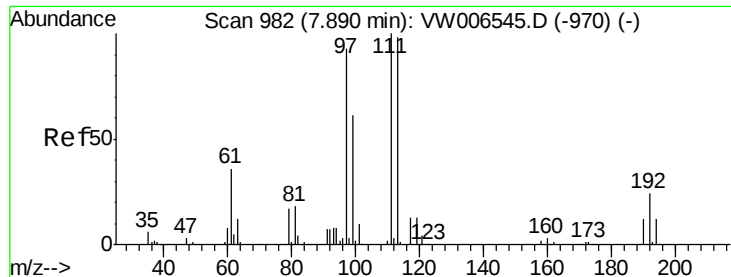
Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.4

88 14.6 0.0 29.0

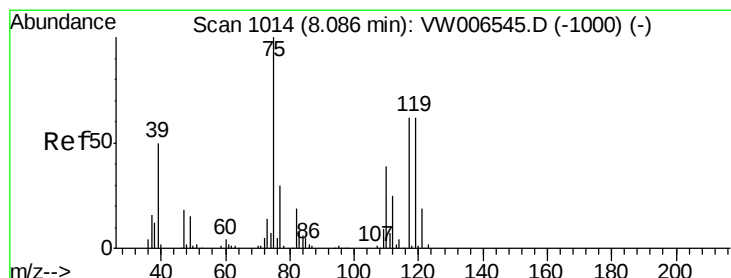
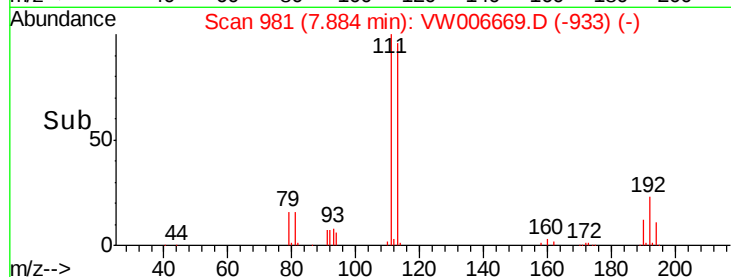
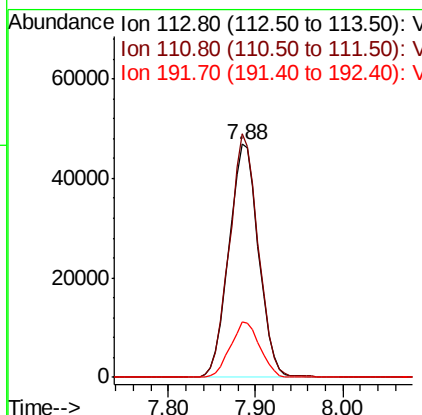
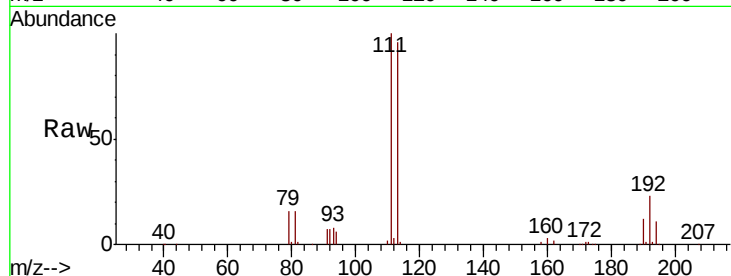




#35
 Dibromofluoromethane
 Concen: 45.982 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006669.D
 Acq: 06 Nov 2018 07:12

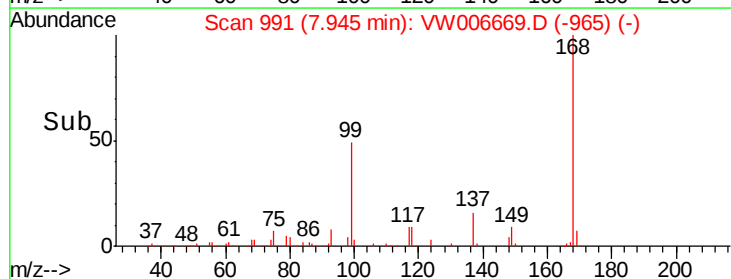
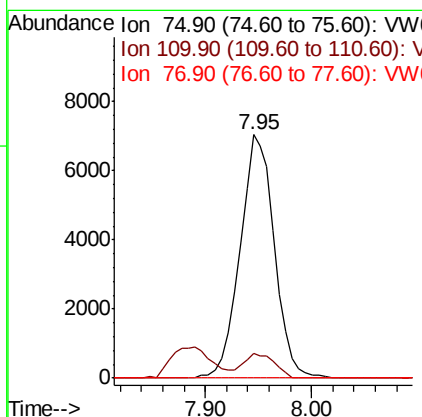
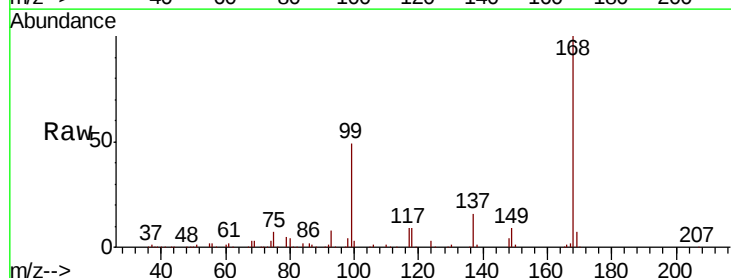
Instrument :
 MSVOA_W
 ClientSampleId :

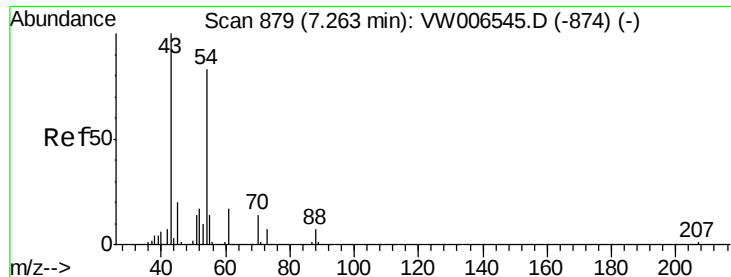
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.2	123.2
192	23.7	19.0	28.6



#36
 1,1-Dichloropropene
 Concen: 4.713 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006669.D
 Acq: 06 Nov 2018 07:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.4	19.5	58.5#
77	0.0	24.6	37.0#

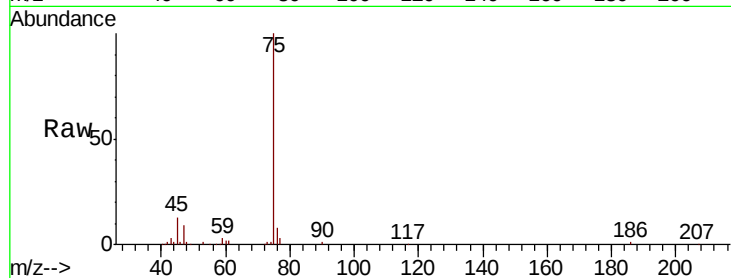




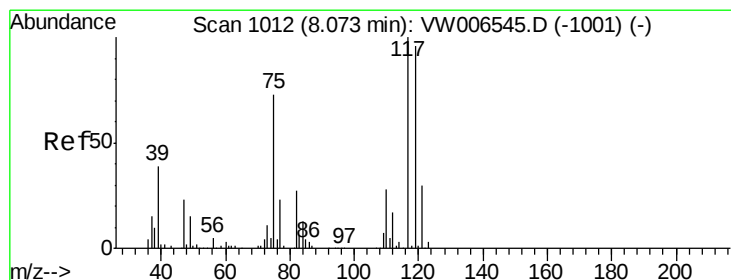
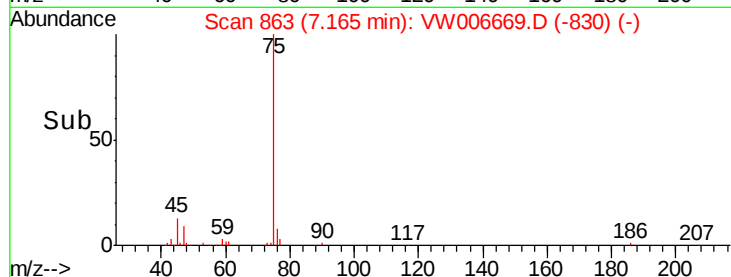
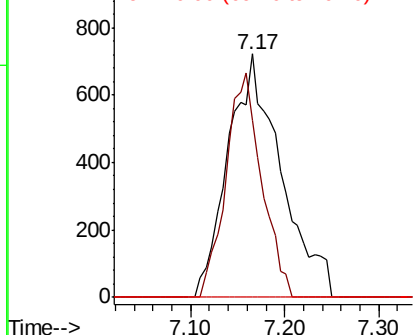
#37
Ethyl Acetate
Concen: 2.409 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.10 min
Lab File: VW006669.D
Acq: 06 Nov 2018 07:12

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 2812
Ion Ratio Lower Upper
43 100
61 62.2 12.1 18.1#
70 0.0 9.8 14.6#

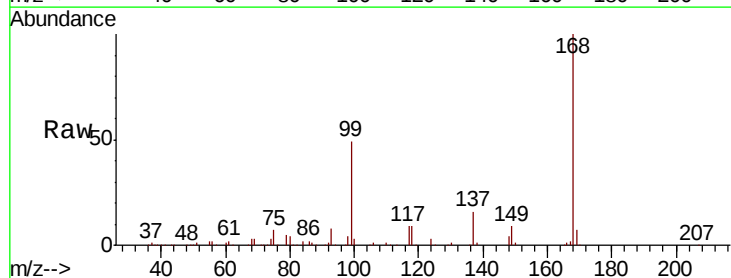


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

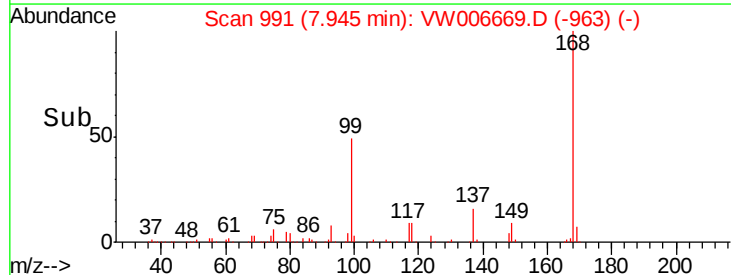
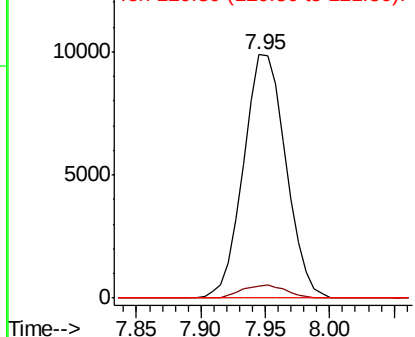


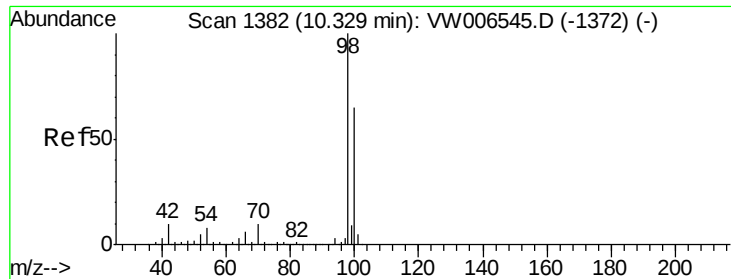
#38
Carbon Tetrachloride
Concen: 6.407 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW006669.D
Acq: 06 Nov 2018 07:12

Tgt Ion: 117 Resp: 22548
Ion Ratio Lower Upper
117 100
119 4.6 76.3 114.5#
121 0.0 24.1 36.1#



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: 36.146 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006669.D

Acq: 06 Nov 2018 07:12

Instrument :

MSVOA_W

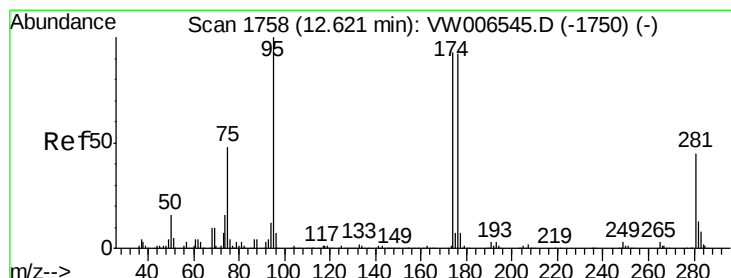
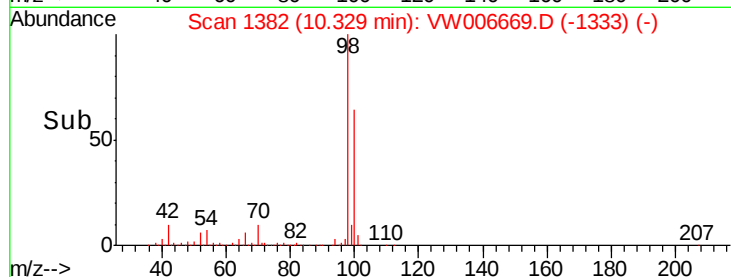
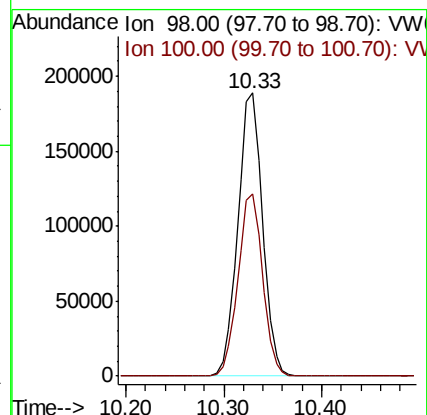
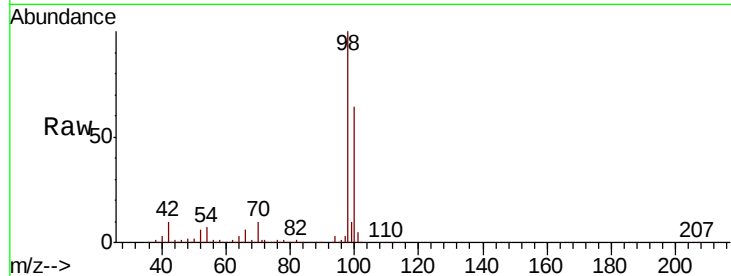
ClientSampleId :

Tot Ion: 98 Resp: 330720

Ion Ratio Lower Upper

98 100

100 64.3 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 33.235 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006669.D

Acq: 06 Nov 2018 07:12

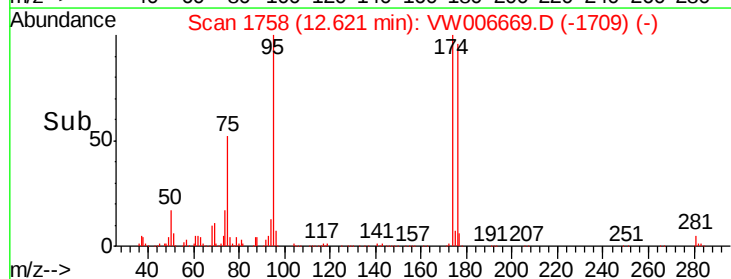
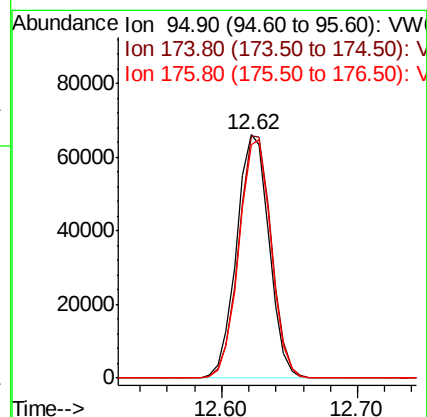
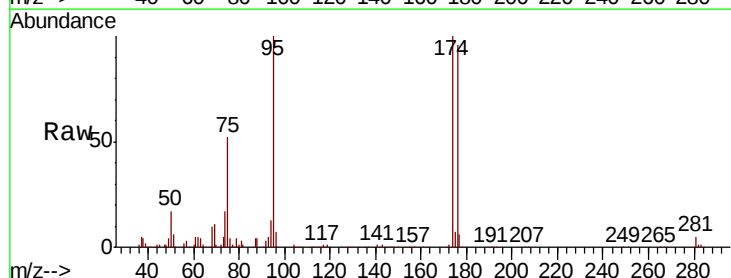
Tgt Ion: 95 Resp: 110241

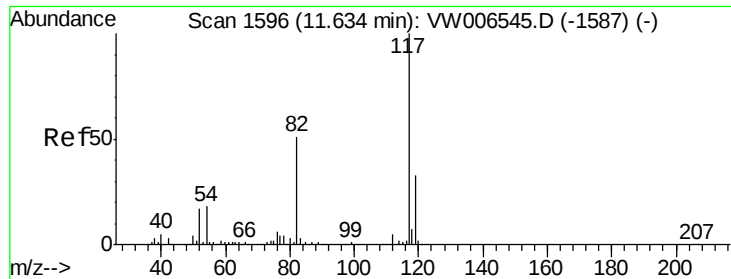
Ion Ratio Lower Upper

95 100

174 99.8 0.0 192.4

176 96.5 0.0 187.4

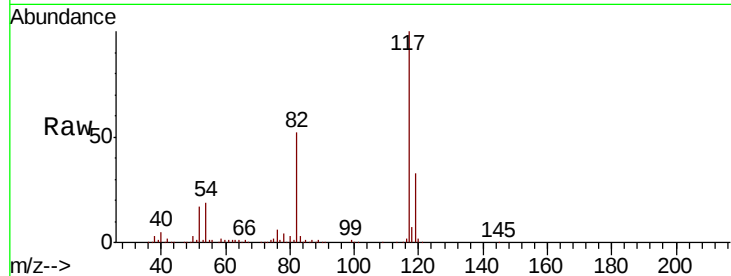




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006669.D
Acq: 06 Nov 2018 07:12

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	40.8	61.2
119	32.5	26.1	39.1

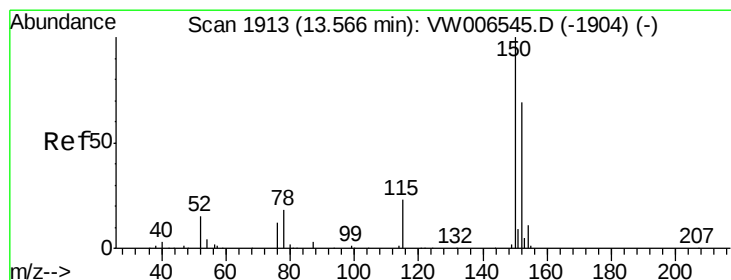
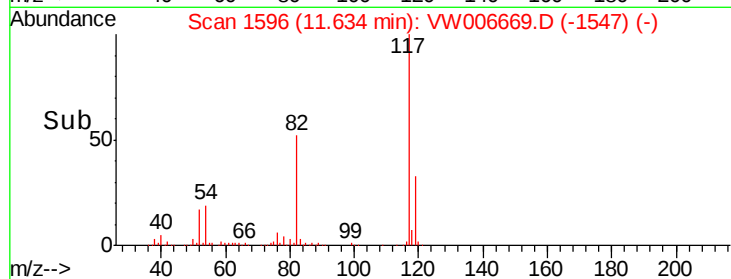
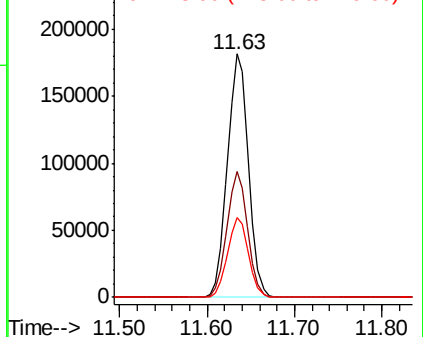


Abundance

Ion 116.90 (116.60 to 117.60): V

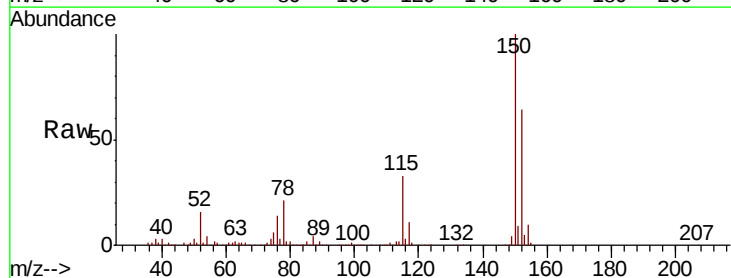
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006669.D
Acq: 06 Nov 2018 07:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.6	26.6	79.8
150	157.3	0.0	344.6

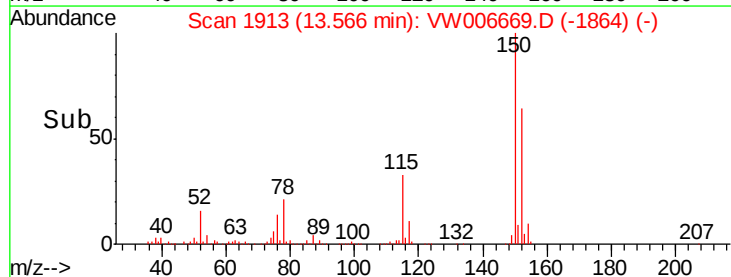
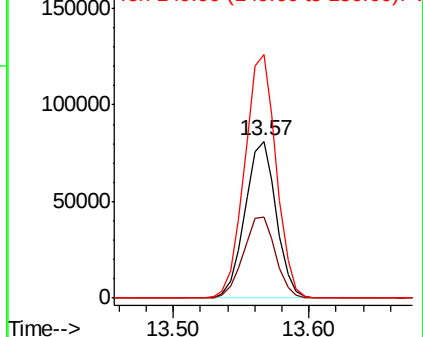


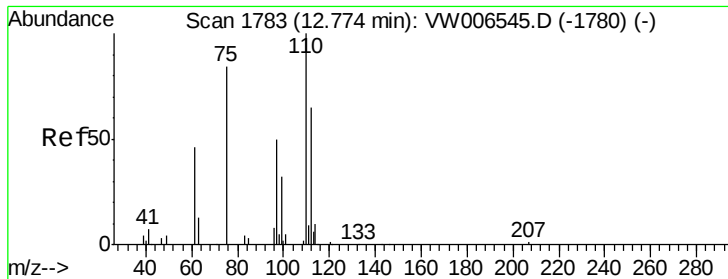
Abundance

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: 53.692 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006669.D

Acq: 06 Nov 2018 07:12

Instrument :

MSVOA_W

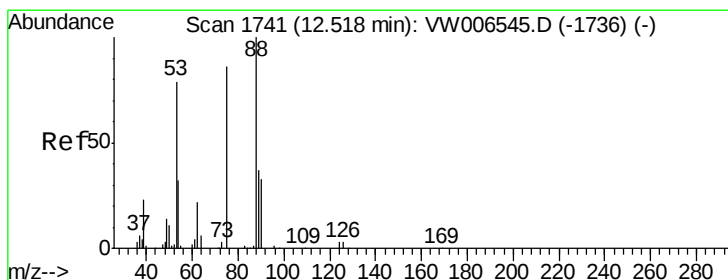
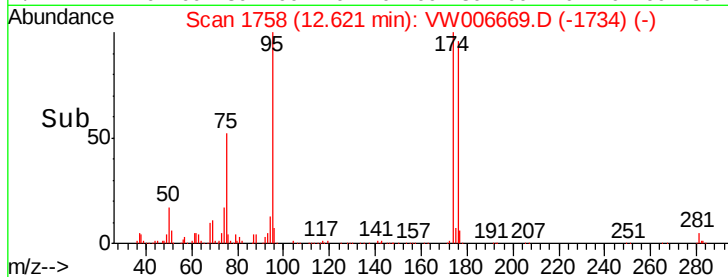
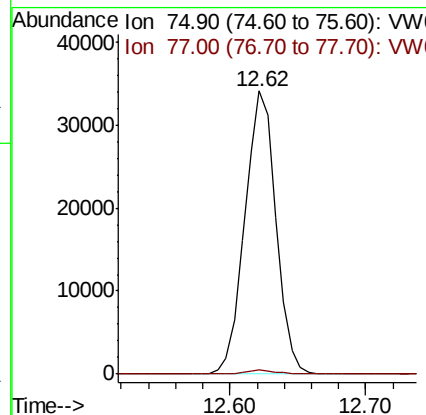
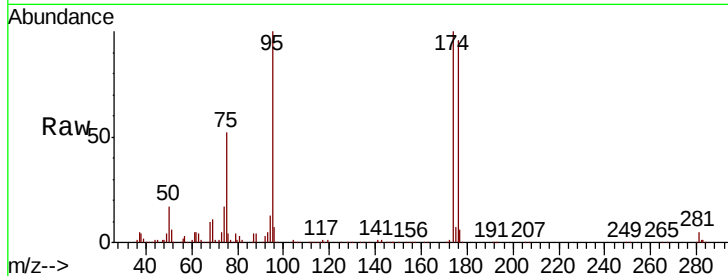
ClientSampleId :

Tot Ion: 75 Resp: 54516

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 134.308 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006669.D

Acq: 06 Nov 2018 07:12

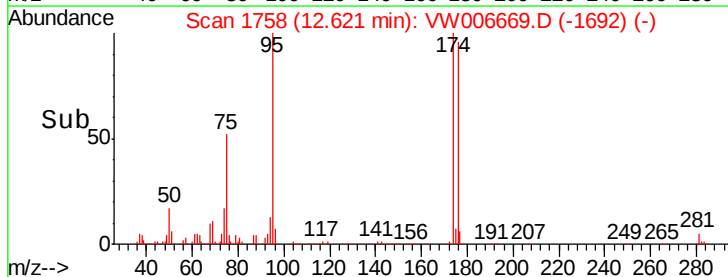
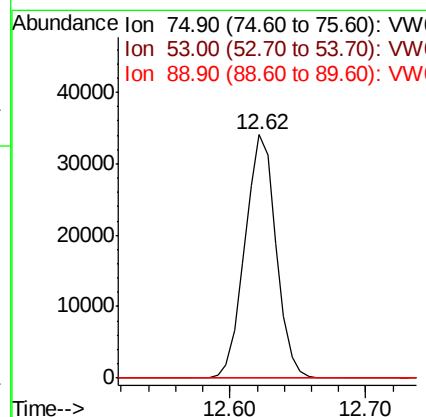
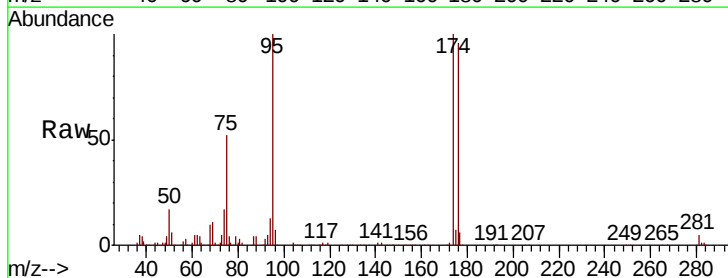
Tgt Ion: 75 Resp: 54516

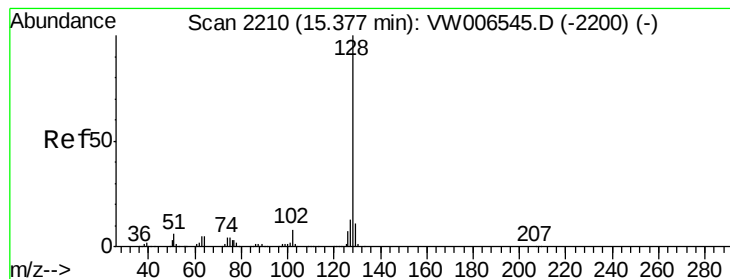
Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.0 38.6 58.0#





#95

Naphthalene

Concen: 1.625 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW006669.D

Acq: 06 Nov 2018 07:12

Instrument :

MSVOA_W

ClientSampleId :

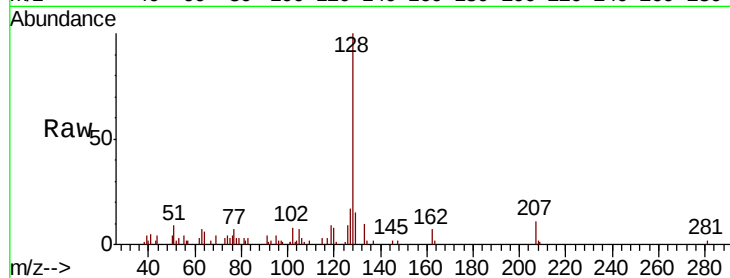
Tot Ion:128 Resp: 7638

Ion Ratio Lower Upper

128 100

127 16.6 10.3 15.5#

129 20.9 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

