

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110518\
 Data File : VW006674.D
 Acq On : 06 Nov 2018 09:22
 Operator : SY/AP
 Sample : J5812-13
 Misc : 6.28G/5ML/MSVOA W/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 06 10:14:11 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	175588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	277695	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	266295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	130501	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	90125	59.71	ug/l	0.00
Spiked Amount			Recovery	=	119.42%	
35) Dibromofluoromethane	7.88	113	86433	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	
50) Toluene-d8	10.33	98	299133	45.09	ug/l	0.00
Spiked Amount			Recovery	=	90.18%	
62) 4-Bromofluorobenzene	12.62	95	103477	43.02	ug/l	0.00
Spiked Amount			Recovery	=	86.04%	

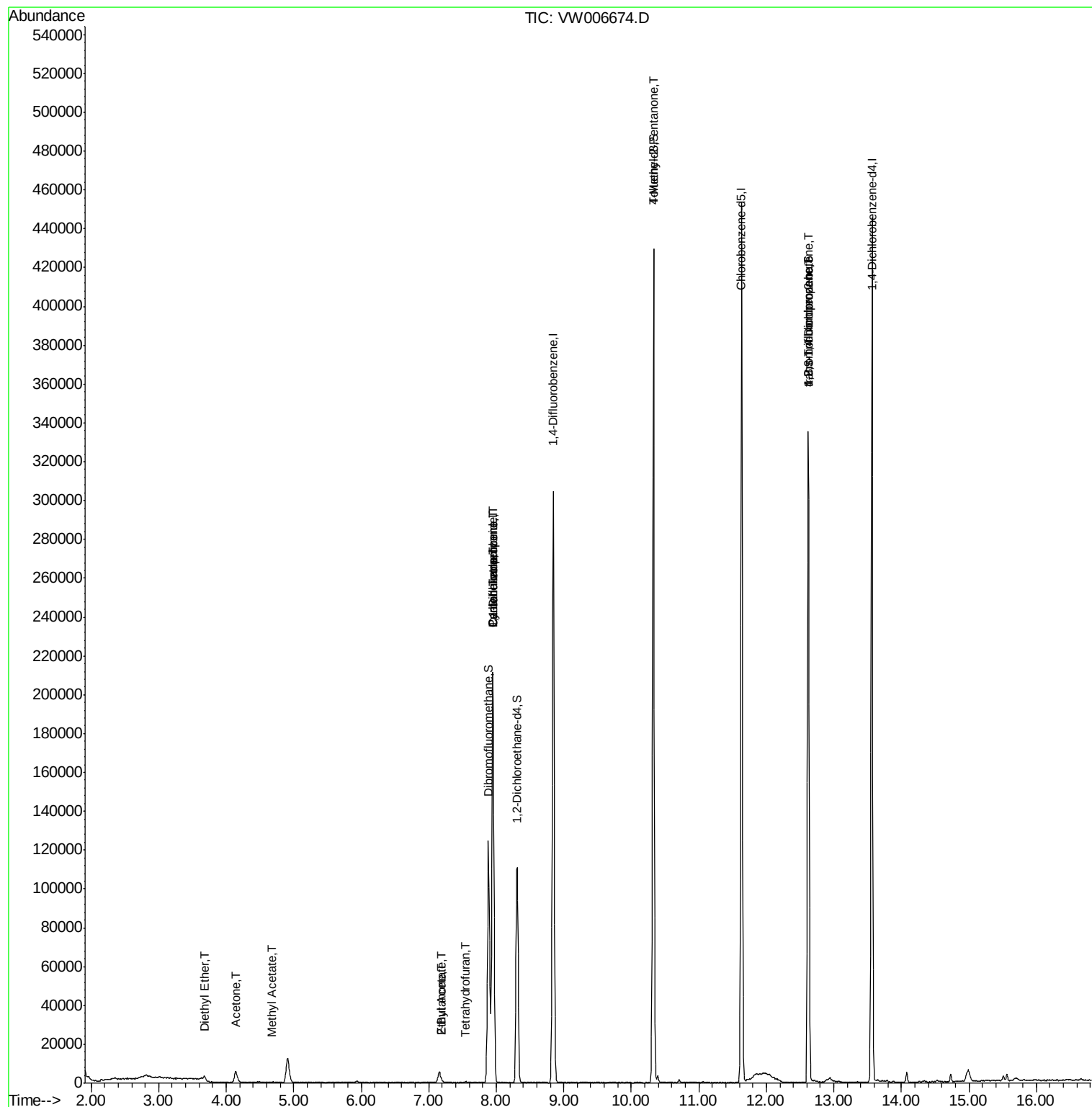
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	1647	2.170	ug/l	65
16) Acetone	4.14	43	10728	44.024	ug/l	98
18) Methyl Acetate	4.68	43	900	1.284	ug/l #	63
25) 2-Butanone	7.20	43	1136	3.267	ug/l	95
29) Tetrahydrofuran	7.55	42	384	1.756	ug/l #	68
31) Cyclohexane	7.95	56	2959	1.231	ug/l #	19
36) 1,1-Dichloropropene	7.95	75	10975	4.494	ug/l #	48
37) Ethyl Acetate	7.20	43	1136	1.342	ug/l #	66
38) Carbon Tetrachloride	7.95	117	15082	5.910	ug/l #	17
51) 4-Methyl-2-Pentanone	10.32	43	1085	1.251	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	50347	49.447	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	50347	123.900	ug/l #	11

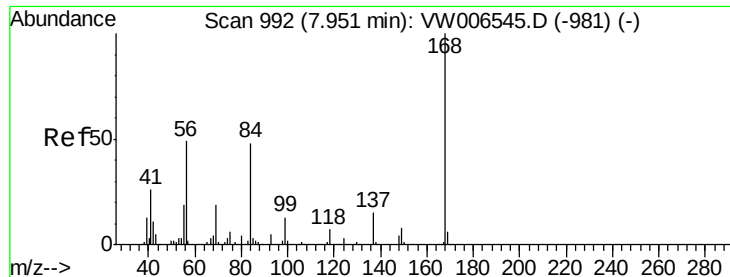
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110518\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006674.D

Acq: 06 Nov 2018 09:22

Instrument :

MSVOA_W

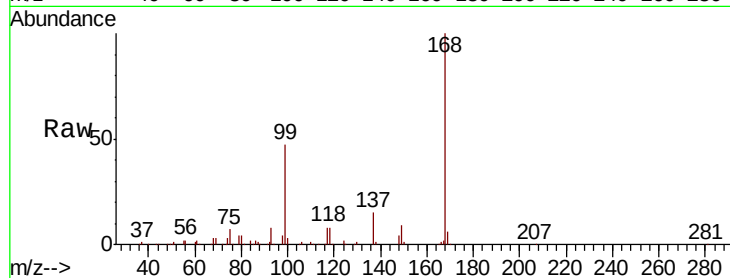
ClientSampled :

Tot Ion:168 Resp: 175588

Ion Ratio Lower Upper

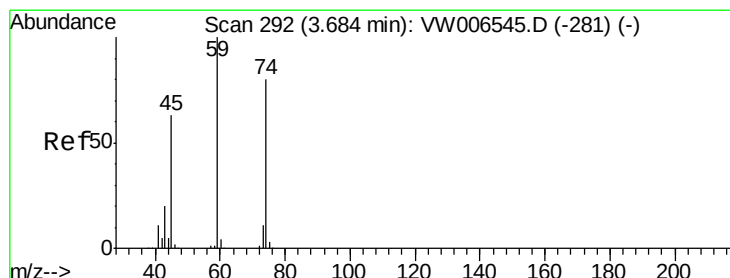
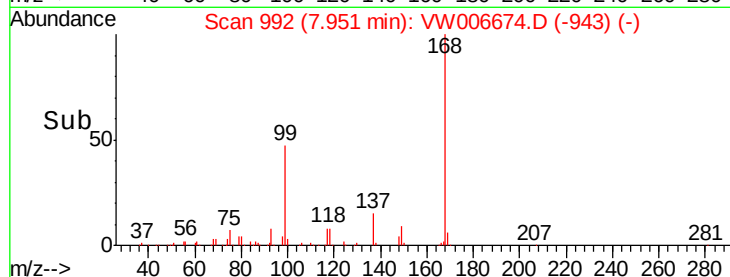
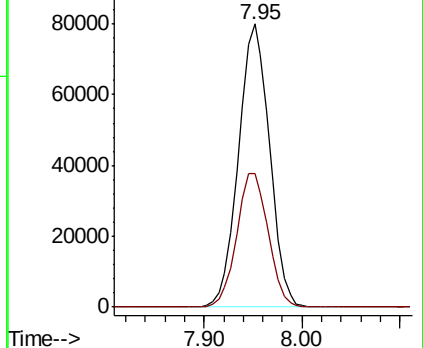
168 100

99 47.2 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.170 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW006674.D

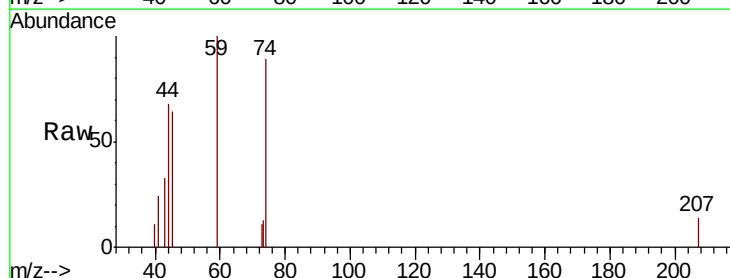
Acq: 06 Nov 2018 09:22

Tgt Ion: 74 Resp: 1647

Ion Ratio Lower Upper

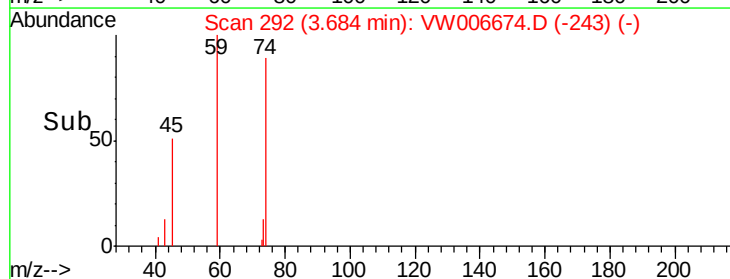
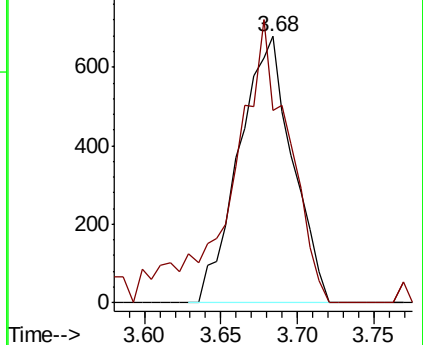
74 100

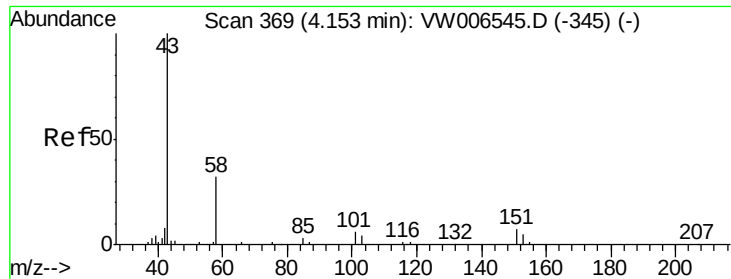
45 113.7 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 44.024 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006674.D

Acq: 06 Nov 2018 09:22

Instrument :

MSVOA_W

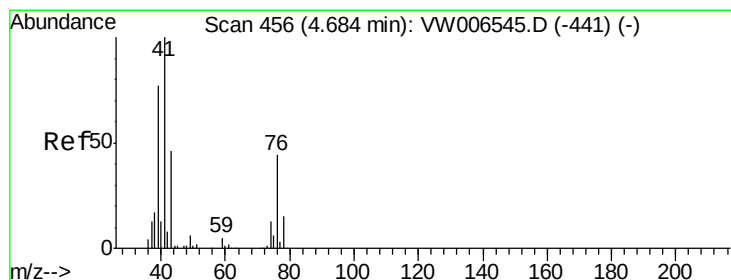
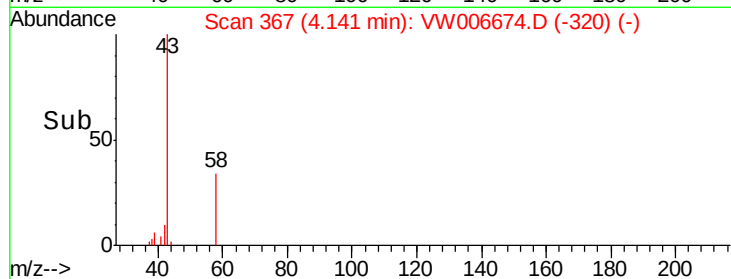
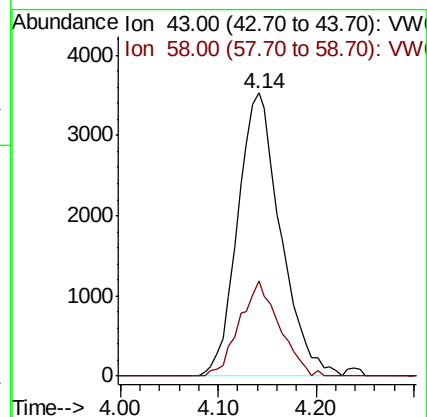
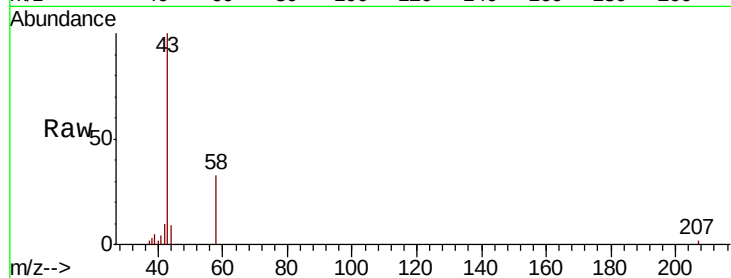
ClientSampled :

Tot Ion: 43 Resp: 10728

Ion Ratio Lower Upper

43 100

58 33.4 25.8 38.8



#18

Methyl Acetate

Concen: 1.284 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006674.D

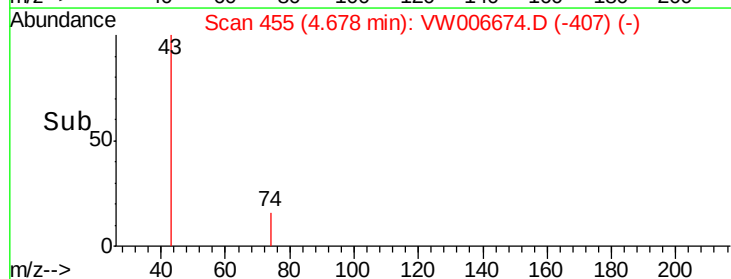
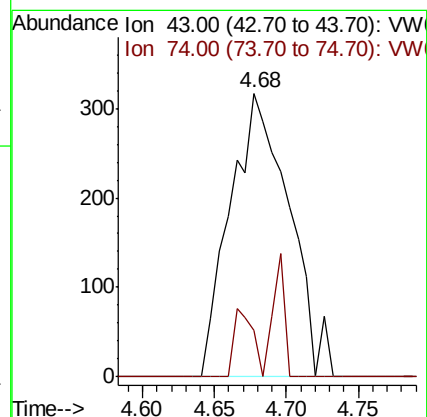
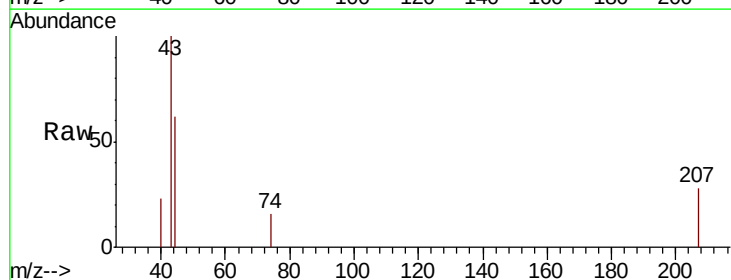
Acq: 06 Nov 2018 09:22

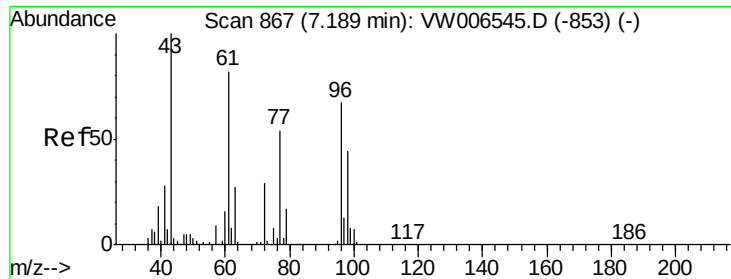
Tgt Ion: 43 Resp: 900

Ion Ratio Lower Upper

43 100

74 7.9 21.9 32.9#

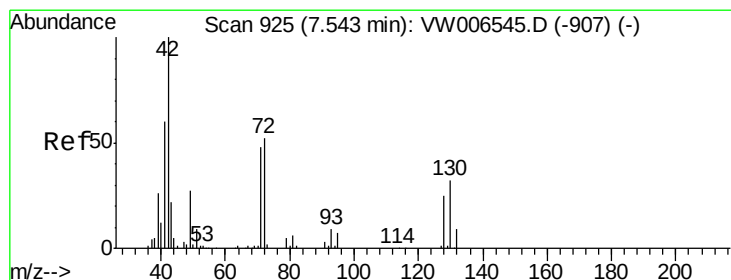
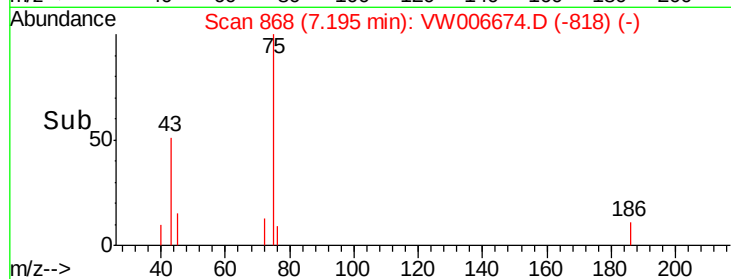
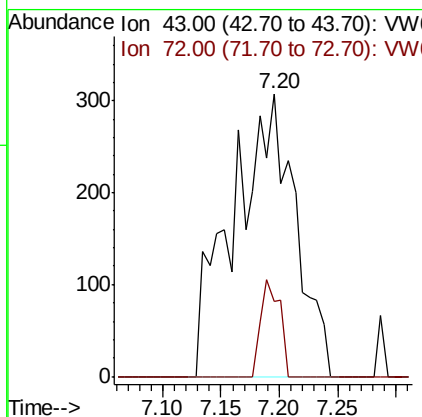
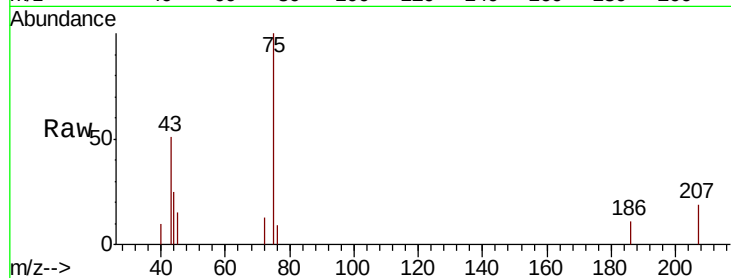




#25
2-Butanone
Concen: 3.267 ug/l
RT: 7.20 min Scan# 868
Delta R.T. 0.01 min
Lab File: VW006674.D
Acq: 06 Nov 2018 09:22

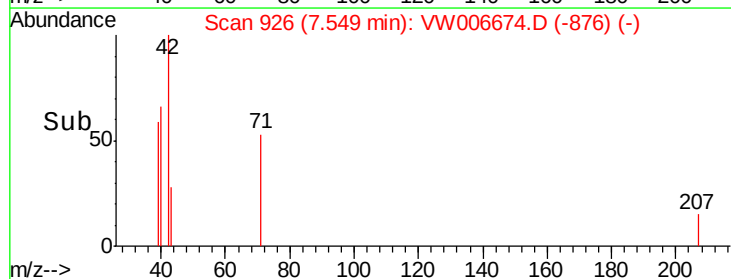
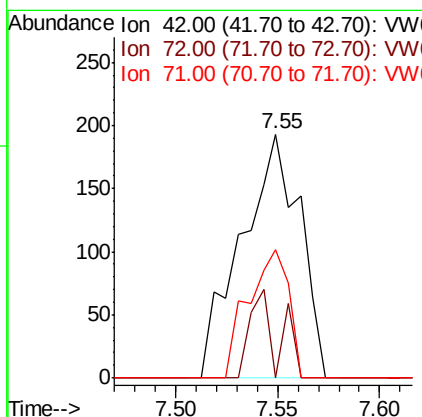
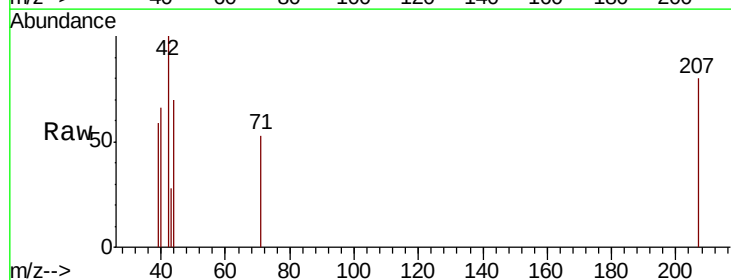
Instrument :
MSVOA_W
ClientSampled :

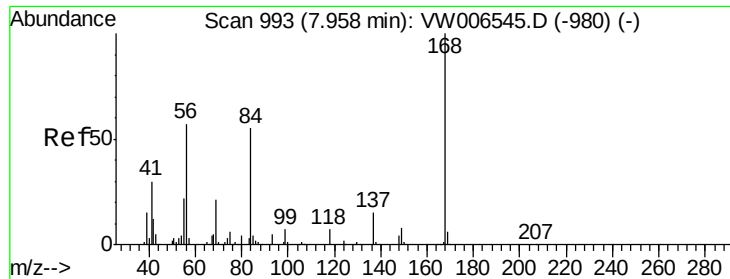
Tot Ion: 43 Resp: 1136
Ion Ratio Lower Upper
43 100
72 26.3 23.2 34.8



#29
Tetrahydrofuran
Concen: 1.756 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.01 min
Lab File: VW006674.D
Acq: 06 Nov 2018 09:22

Tgt Ion: 42 Resp: 384
Ion Ratio Lower Upper
42 100
72 17.2 39.2 58.8#
71 36.5 37.6 56.4#

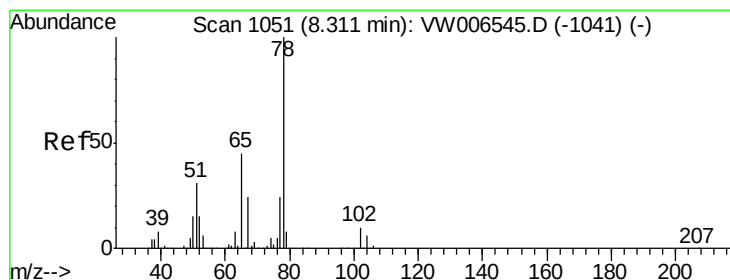
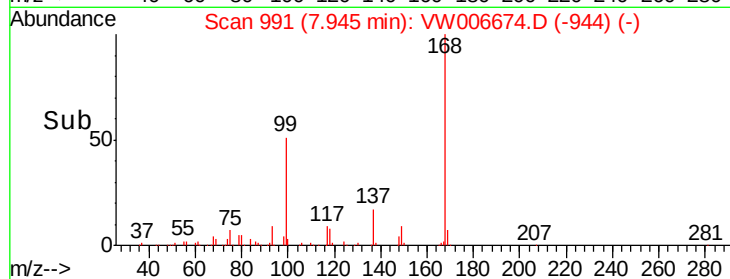
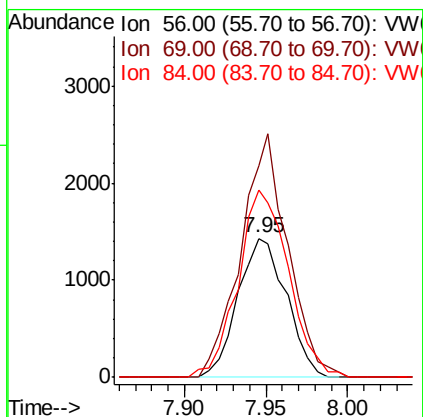
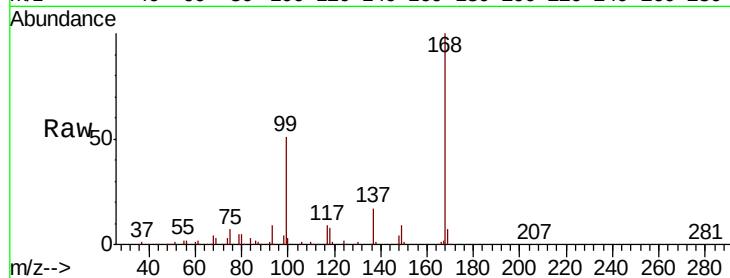




#31
Cyclohexane
Concen: 1.231 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006674.D
Acq: 06 Nov 2018 09:22

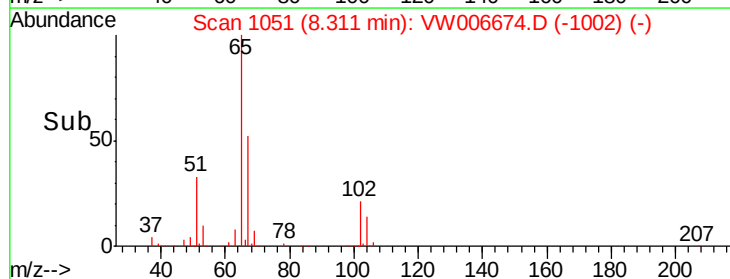
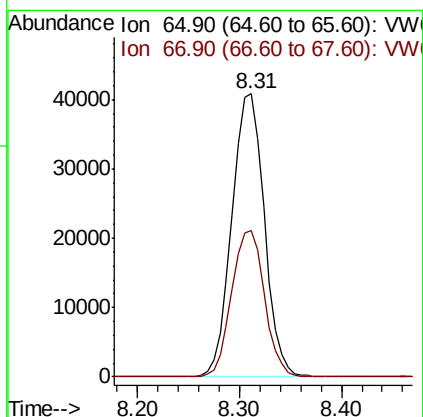
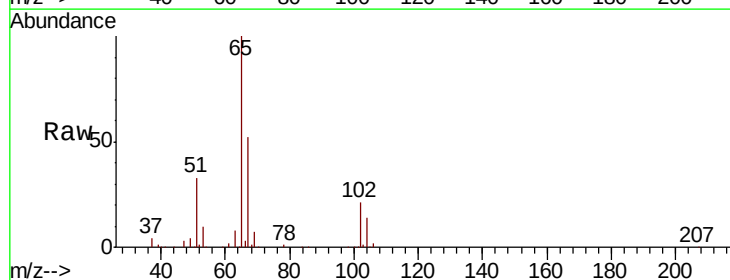
Instrument :
MSVOA_W
ClientSampleId :

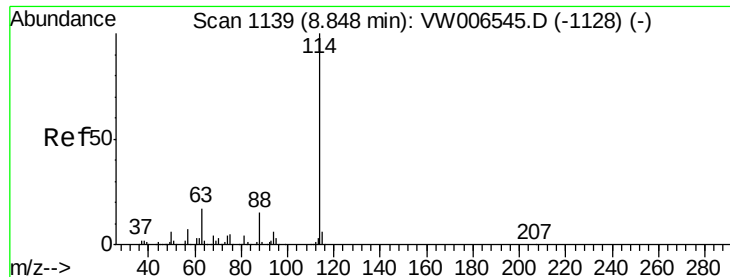
Tot Ion: 56 Resp: 2959
Ion Ratio Lower Upper
56 100
69 152.6 29.0 43.4#
84 134.4 77.8 116.6#



#33
1,2-Dichloroethane-d4
Concen: 59.711 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006674.D
Acq: 06 Nov 2018 09:22

Tgt Ion: 65 Resp: 90125
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.4

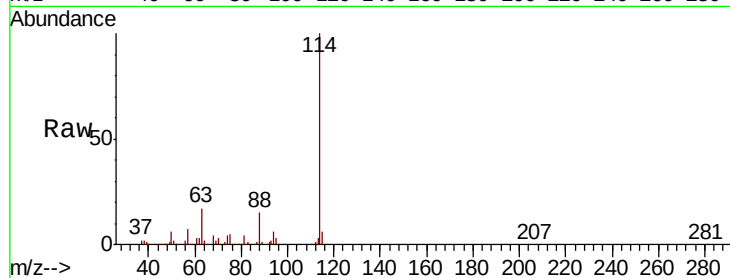




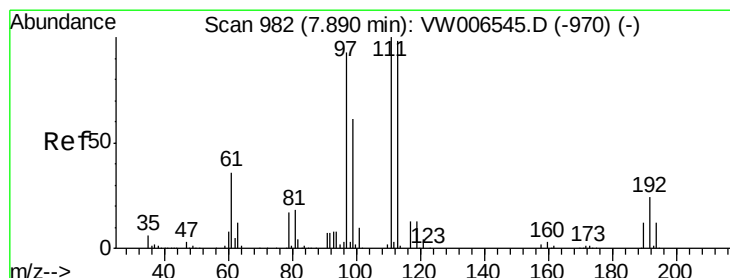
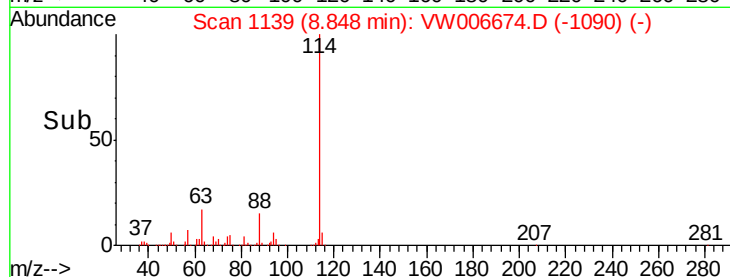
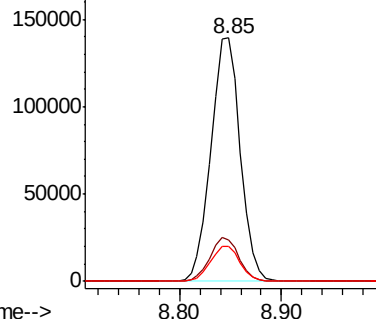
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006674.D
 Acq: 06 Nov 2018 09:22

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:114 Resp: 277695
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 34.4
 88 14.6 0.0 29.0

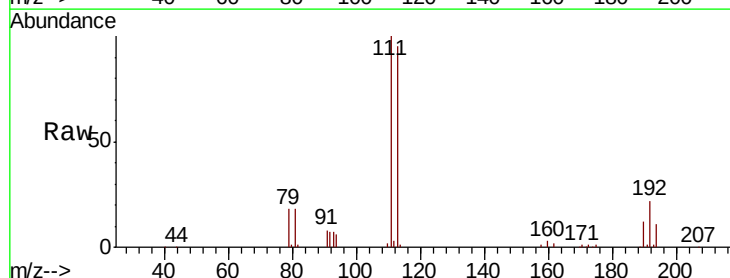


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

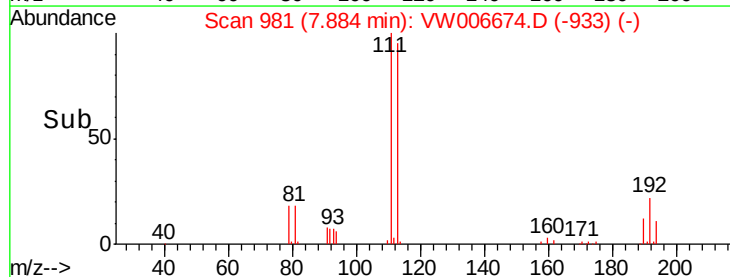
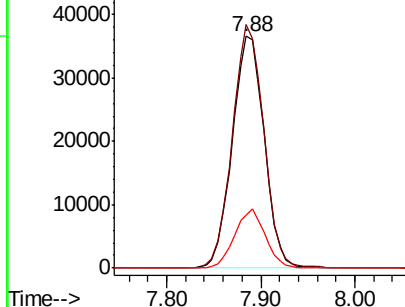


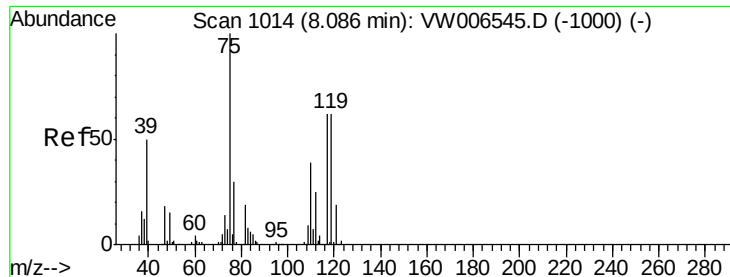
#35
 Dibromofluoromethane
 Concen: 49.596 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006674.D
 Acq: 06 Nov 2018 09:22

Tgt Ion:113 Resp: 86433
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.2 123.2
 192 24.3 19.0 28.6



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

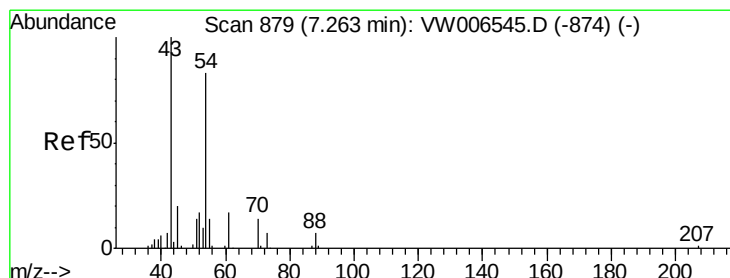
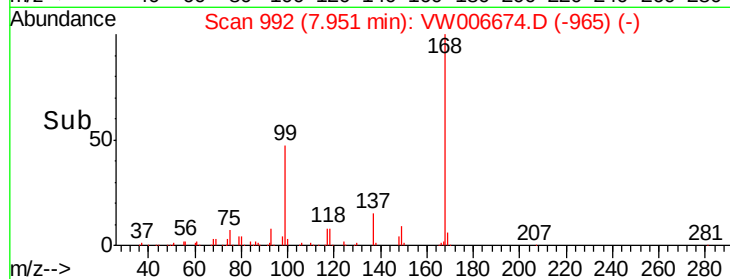
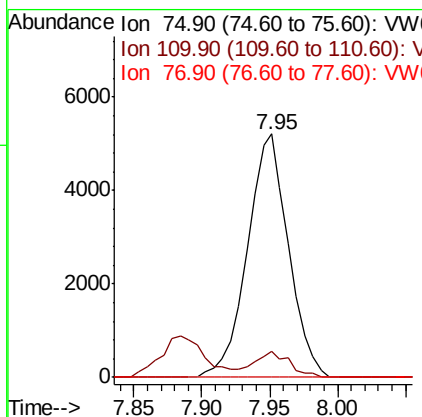
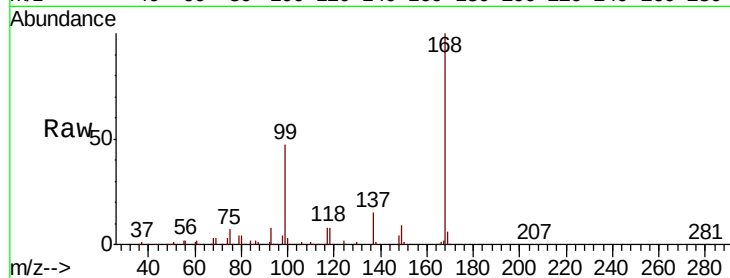




#36
 1,1-Dichloropropene
 Concen: 4.494 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006674.D
 Acq: 06 Nov 2018 09:22

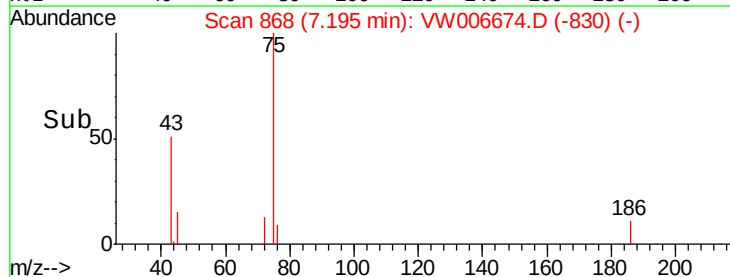
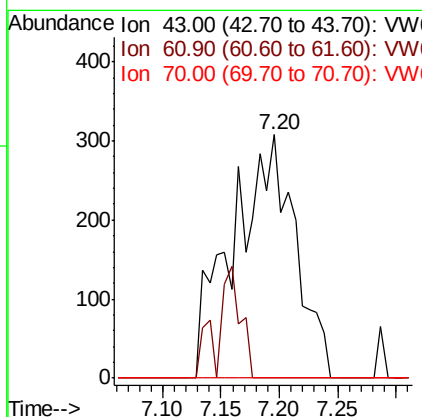
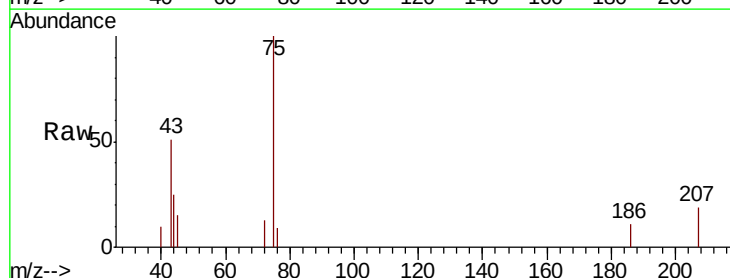
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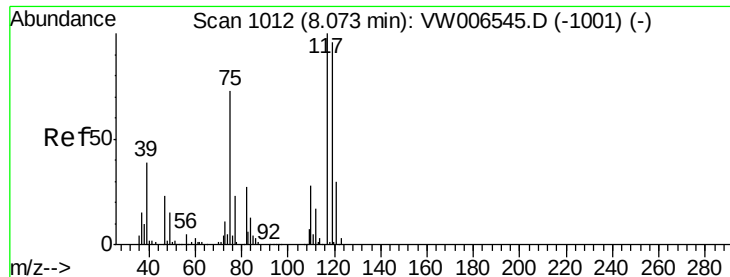
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.6	19.5	58.5#
77	0.0	24.6	37.0#



#37
 Ethyl Acetate
 Concen: 1.342 ug/l
 RT: 7.20 min Scan# 868
 Delta R.T. -0.07 min
 Lab File: VW006674.D
 Acq: 06 Nov 2018 09:22

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.1	18.1#
70	0.0	9.8	14.6#





#38

Carbon Tetrachloride

Concen: 5.910 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW006674.D

Acq: 06 Nov 2018 09:22

Instrument :

MSVOA_W

ClientSampled :

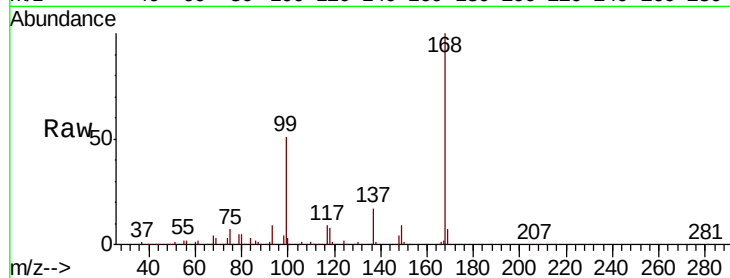
Tot Ion:117 Resp: 15082

Ion Ratio Lower Upper

117 100

119 6.0 76.3 114.5#

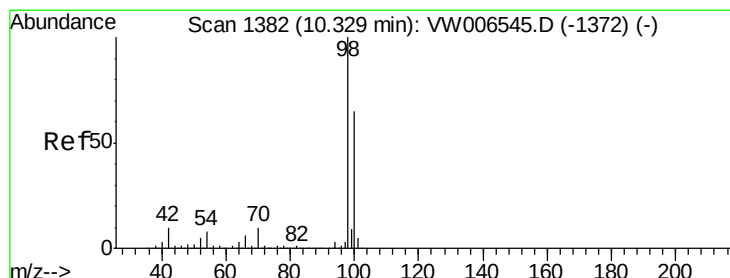
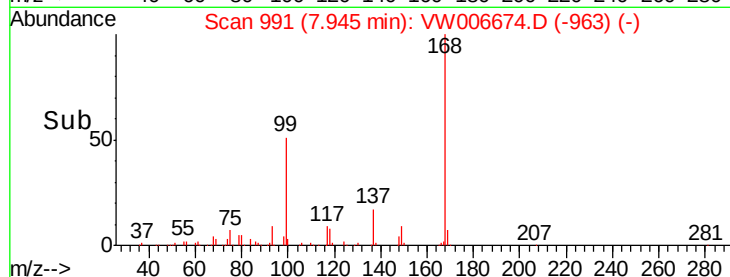
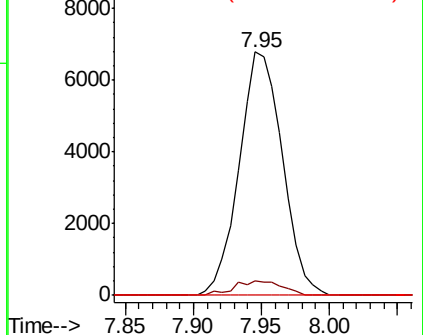
121 0.0 24.1 36.1#



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: 45.088 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006674.D

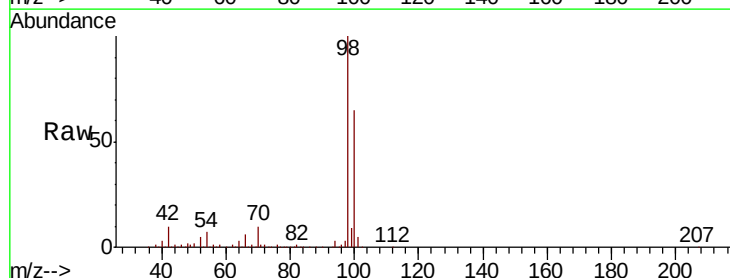
Acq: 06 Nov 2018 09:22

Tgt Ion: 98 Resp: 299133

Ion Ratio Lower Upper

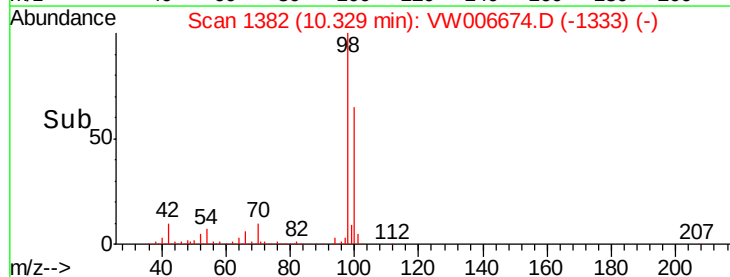
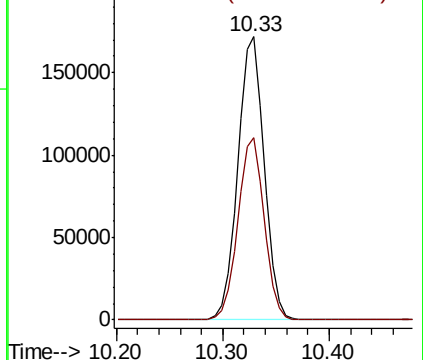
98 100

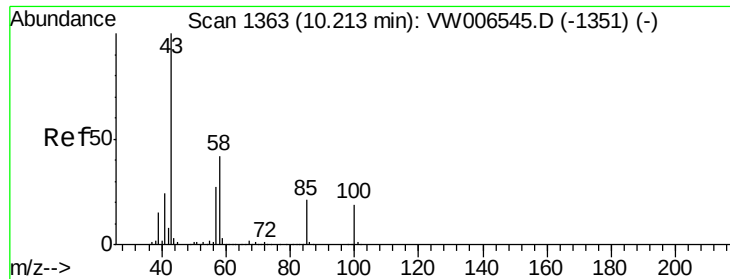
100 64.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

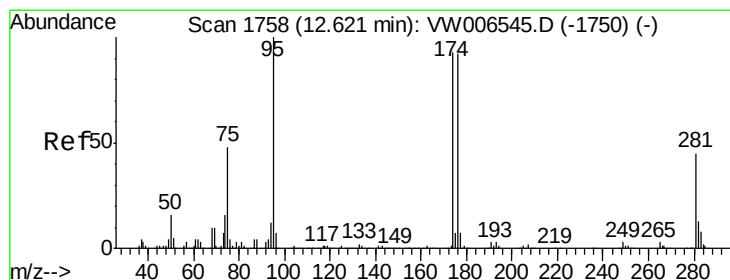
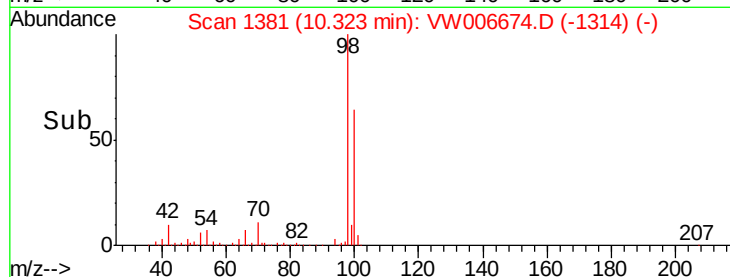
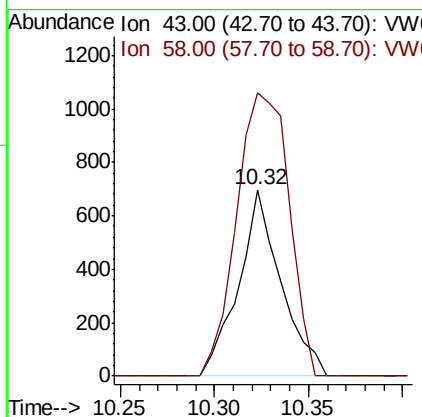
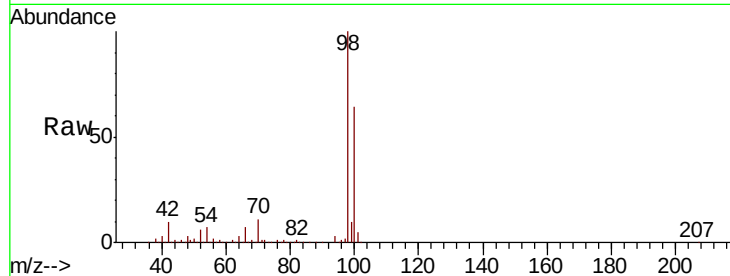




#51
 4-Methyl-2-Pentanone
 Concen: 1.251 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.11 min
 Lab File: VW006674.D
 Acq: 06 Nov 2018 09:22

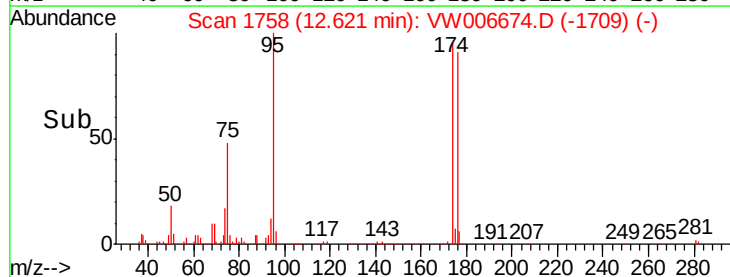
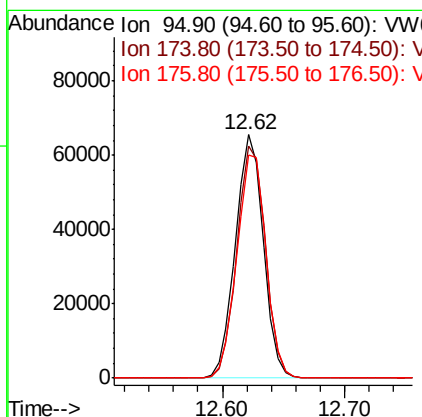
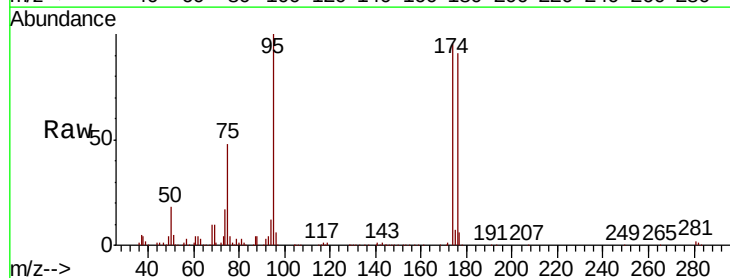
Instrument :
 MSVOA_W
 ClientSampled :

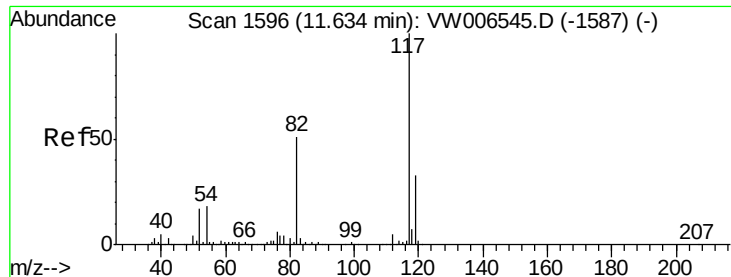
Tot Ion: 43 Resp: 1085
 Ion Ratio Lower Upper
 43 100
 58 188.0 33.4 50.0#



#62
 4-Bromofluorobenzene
 Concen: 43.022 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006674.D
 Acq: 06 Nov 2018 09:22

Tgt Ion: 95 Resp: 103477
 Ion Ratio Lower Upper
 95 100
 174 97.5 0.0 192.4
 176 95.5 0.0 187.4

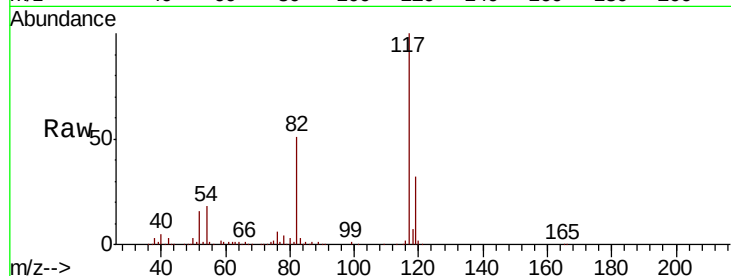




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006674.D
Acq: 06 Nov 2018 09:22

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.7	40.8	61.2
119	32.4	26.1	39.1

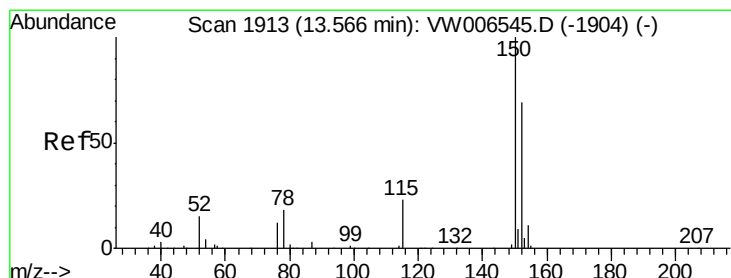
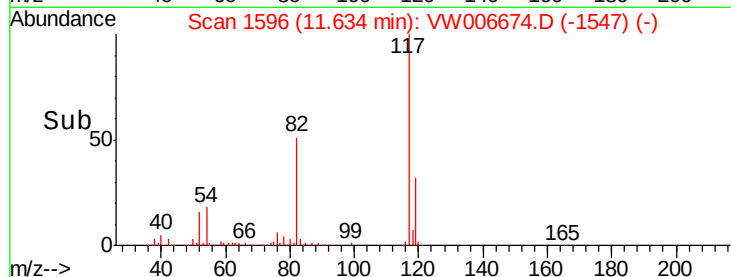
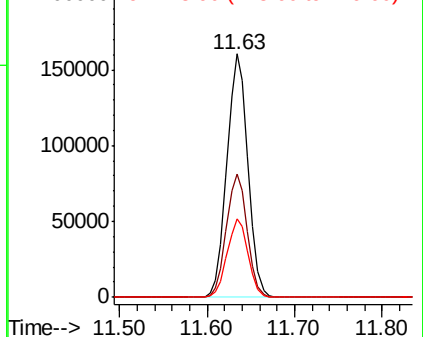


Abundance

Ion 116.90 (116.60 to 117.60): V

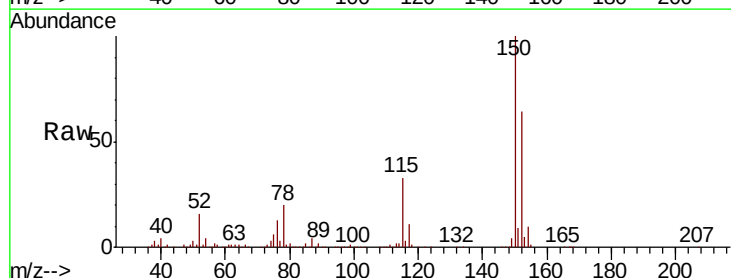
Ion 82.00 (81.70 to 82.70): V

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: VW006674.D
Acq: 06 Nov 2018 09:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.7	26.6	79.8
150	155.9	0.0	344.6

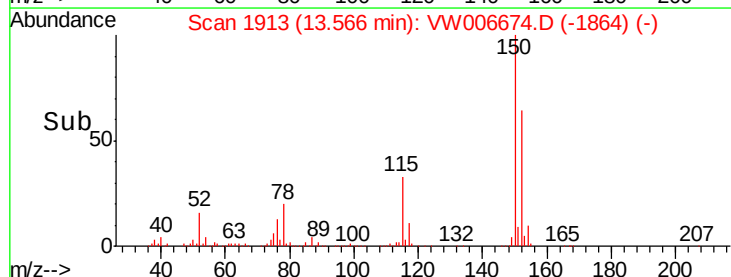
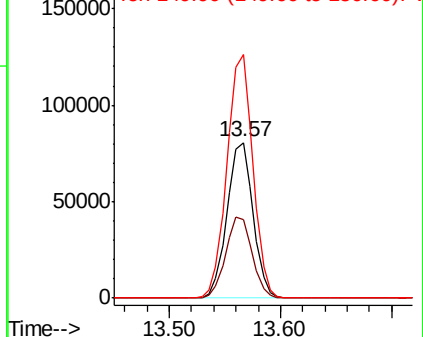


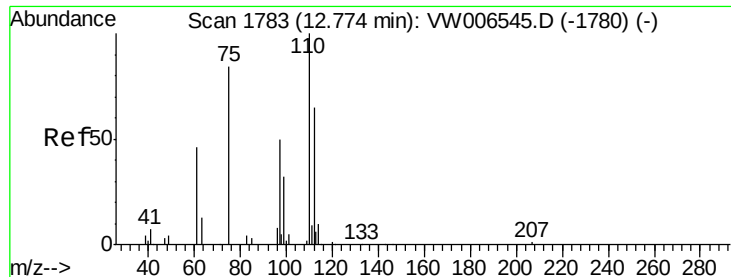
Abundance

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: 49.447 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006674.D

Acq: 06 Nov 2018 09:22

Instrument :

MSVOA_W

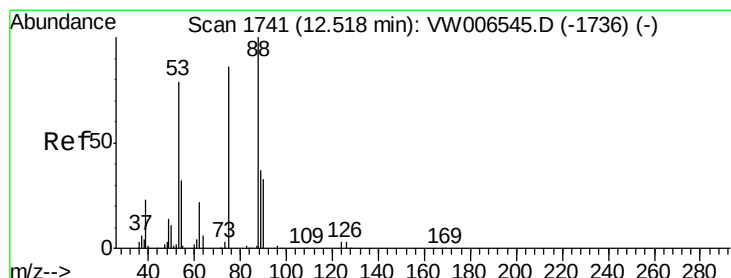
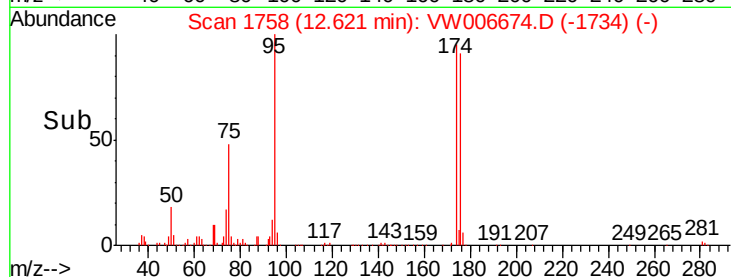
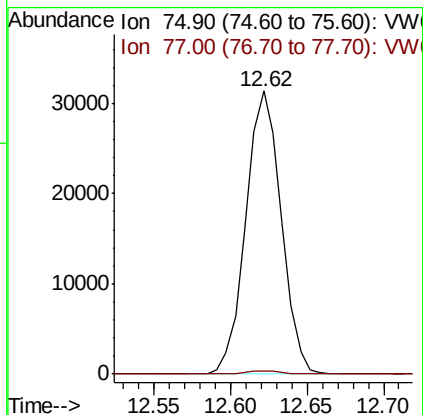
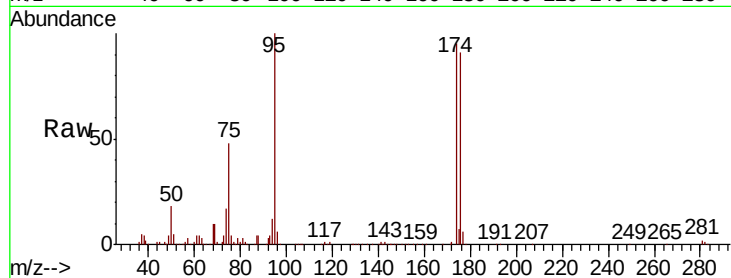
ClientSampleId :

Tot Ion: 75 Resp: 50347

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 123.900 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006674.D

Acq: 06 Nov 2018 09:22

Tgt Ion: 75 Resp: 50347

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.0 38.6 58.0#

