

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110218\
 Data File : VW006572.D
 Acq On : 01 Nov 2018 20:51
 Operator : SY/AP
 Sample : J5700-04
 Misc : 5.91G/5ML/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SI-4

Quant Time: Nov 02 04:01:31 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	176122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	291590	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	254029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	114254	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	110544	73.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	146.04%	
35) Dibromofluoromethane	7.88	113	107310	58.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.28%	
50) Toluene-d8	10.33	98	369112	52.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.98%	
62) 4-Bromofluorobenzene	12.62	95	115325	45.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.32%	

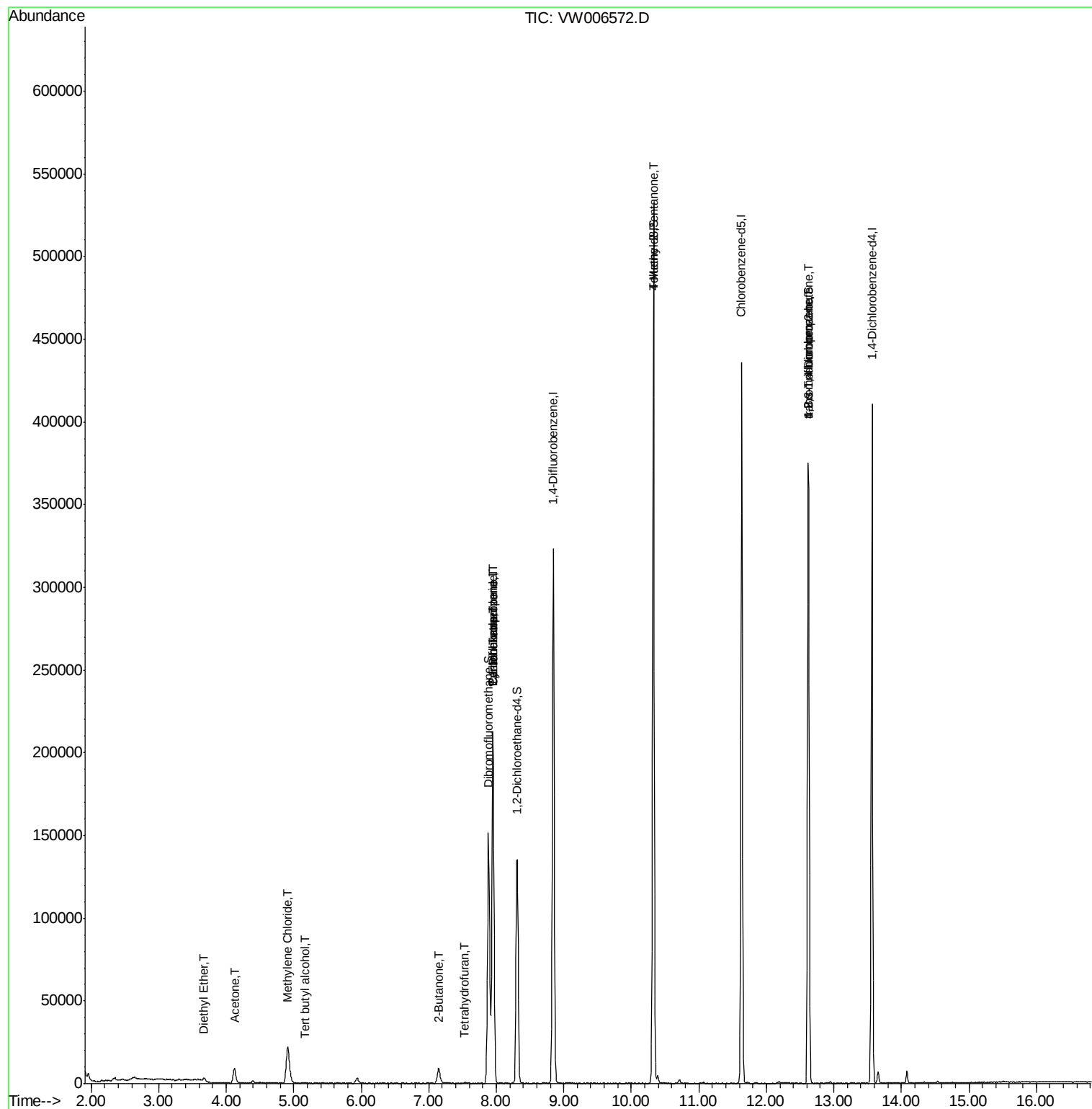
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	1511	1.984	ug/l	90
11) Tert butyl alcohol	5.17	59	252	3.089	ug/l #	84
16) Acetone	4.12	43	15619	63.901	ug/l	96
20) Methylene Chloride	4.92	84	19683	7.328	ug/l	99
25) 2-Butanone	7.14	43	353	1.012	ug/l #	46
29) Tetrahydrofuran	7.52	42	380	1.732	ug/l #	41
31) Cyclohexane	7.95	56	2838	1.177	ug/l #	30
36) 1,1-Dichloropropene	7.95	75	11214	4.373	ug/l #	48
38) Carbon Tetrachloride	7.95	117	15017	5.605	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	1341	1.472	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	56936	63.870	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	56936	159.263	ug/l #	11

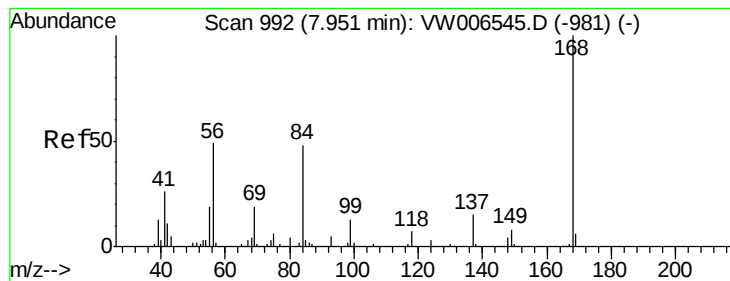
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110218\
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SI-4

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Quant Title : SW846 8260
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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: VW006572.D

Acq: 01 Nov 2018 20:51

Instrument :

MSVOA_W

ClientSampled :

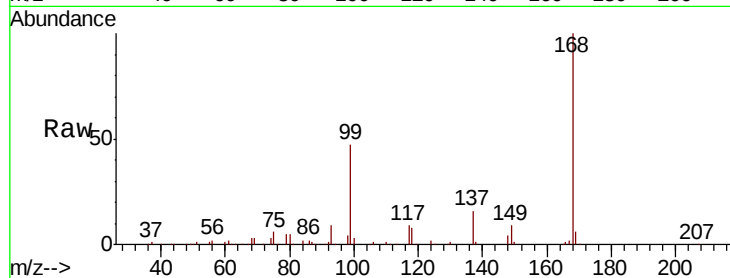
SI-4

Tgt Ion:168 Resp: 176122

Ion Ratio Lower Upper

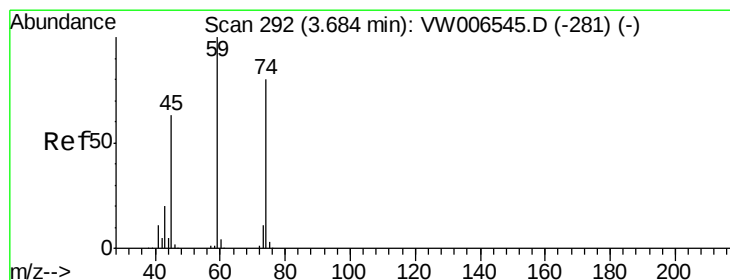
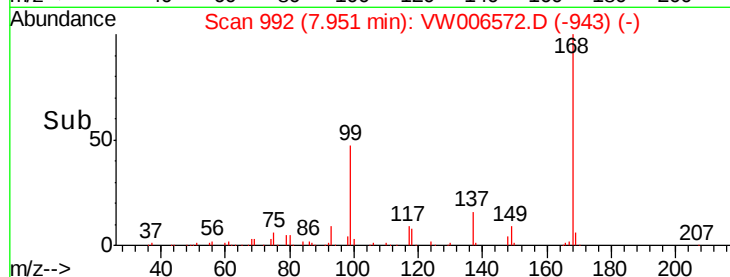
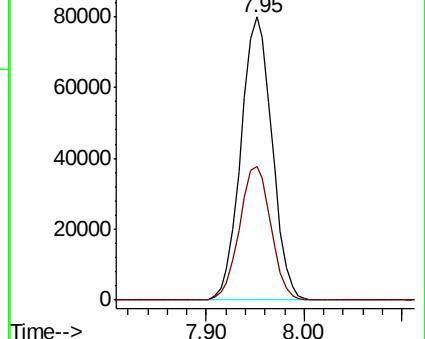
168 100

99 47.0 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: 1.984 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006572.D

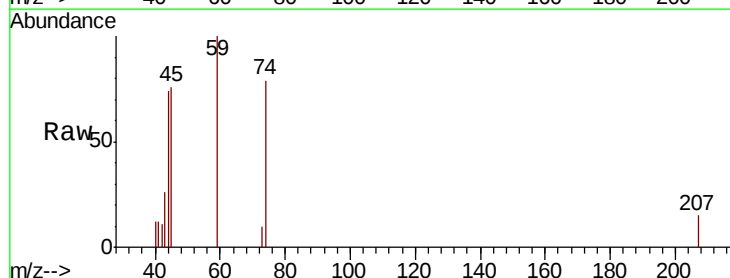
Acq: 01 Nov 2018 20:51

Tgt Ion: 74 Resp: 1511

Ion Ratio Lower Upper

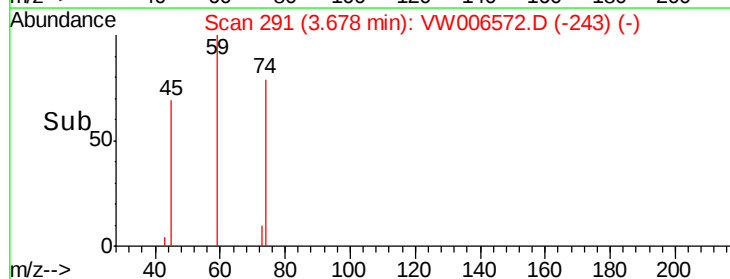
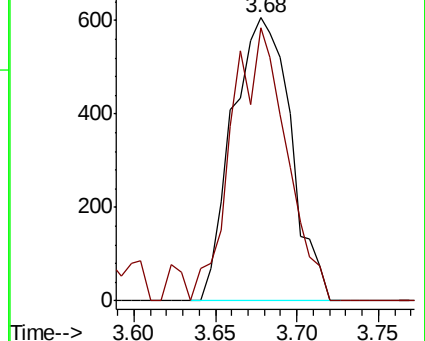
74 100

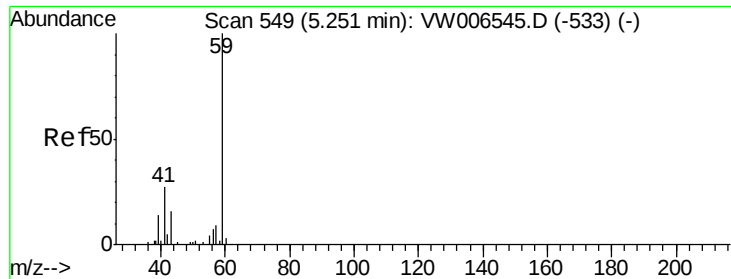
45 91.1 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

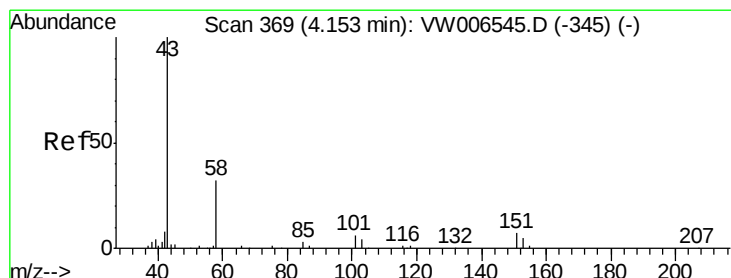
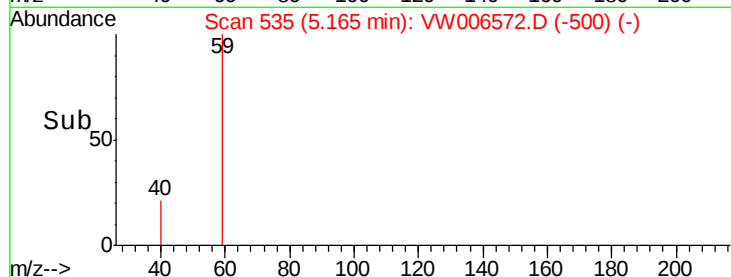
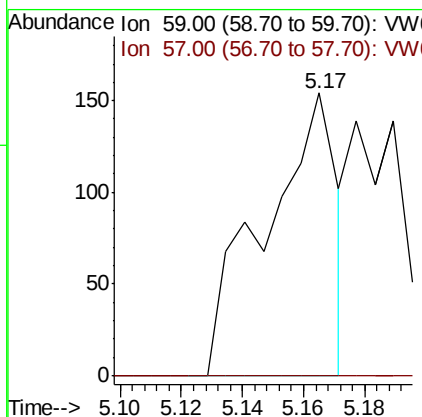
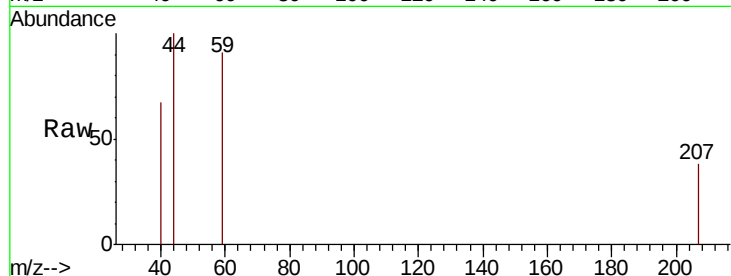




#11
Tert butyl alcohol
Concen: 3.089 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.09 min
Lab File: VW006572.D
Acq: 01 Nov 2018 20:51

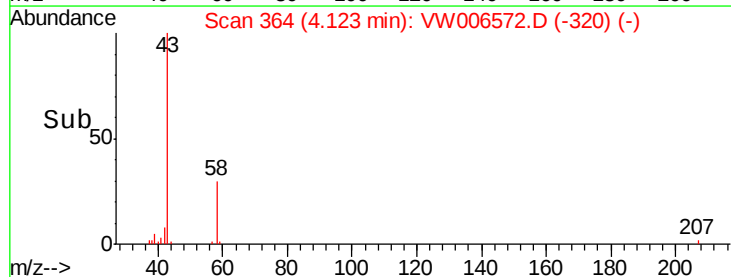
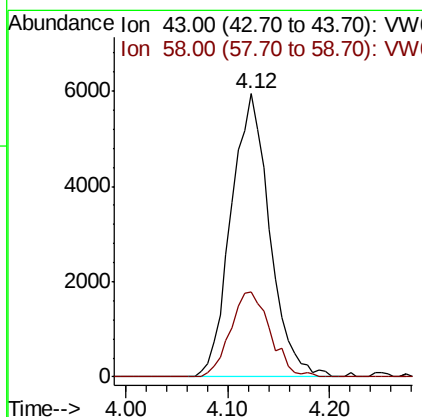
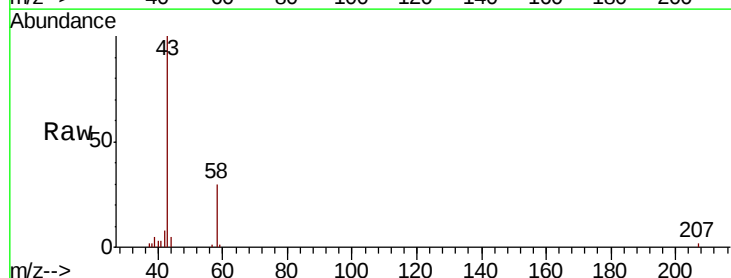
Instrument :
MSVOA_W
ClientSampled :
SI-4

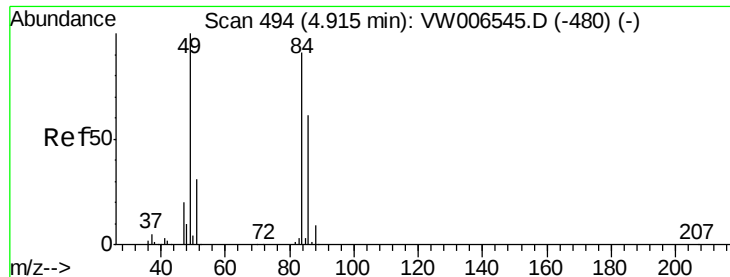
Tgt Ion: 59 Resp: 252
Ion Ratio Lower Upper
59 100
57 0.0 4.3 6.5#



#16
Acetone
Concen: 63.901 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.03 min
Lab File: VW006572.D
Acq: 01 Nov 2018 20:51

Tgt Ion: 43 Resp: 15619
Ion Ratio Lower Upper
43 100
58 30.0 25.8 38.8

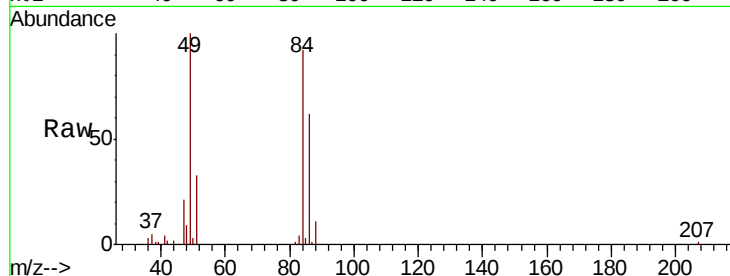




#20
Methylene Chloride
Concen: 7.328 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006572.D
Acq: 01 Nov 2018 20:51

Instrument :
MSVOA_W
ClientSampleId :
SI-4

Tgt Ion:	84	Resp:	19683
Ion	Ratio	Lower	Upper
84	100		
49	109.0	88.2	132.4
51	35.9	27.0	40.6
86	67.0	53.8	80.8



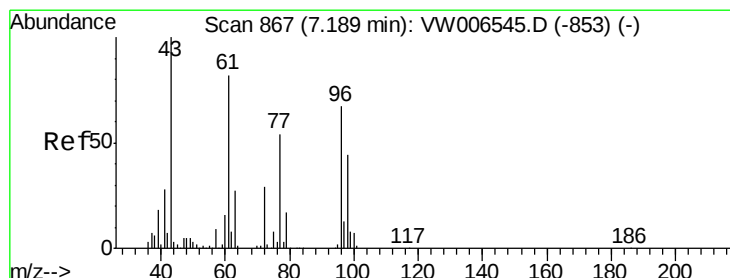
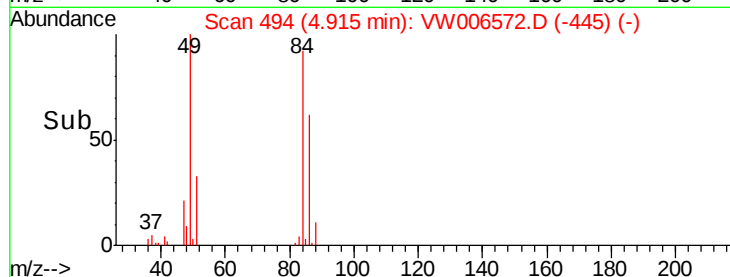
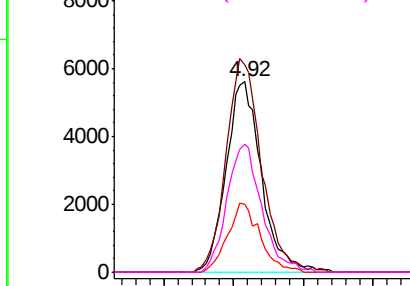
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

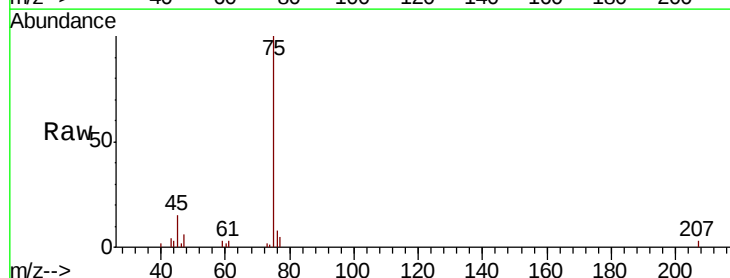
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25
2-Butanone
Concen: 1.012 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.05 min
Lab File: VW006572.D
Acq: 01 Nov 2018 20:51

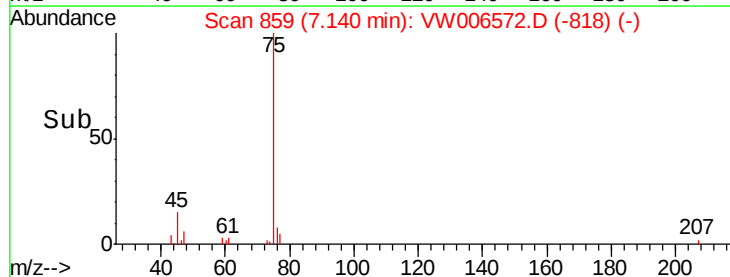
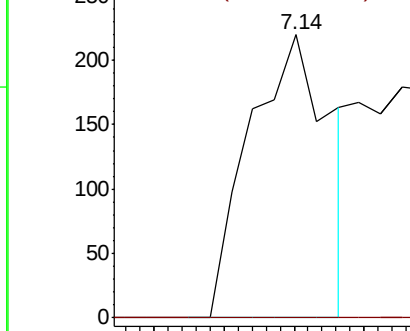
Tgt Ion:	43	Resp:	353
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.2	34.8#

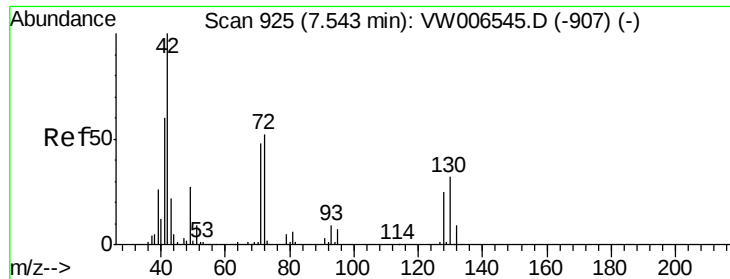


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

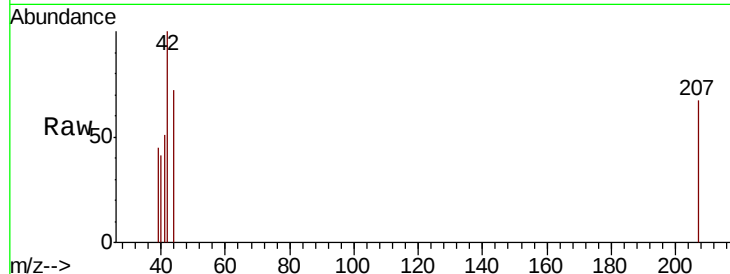




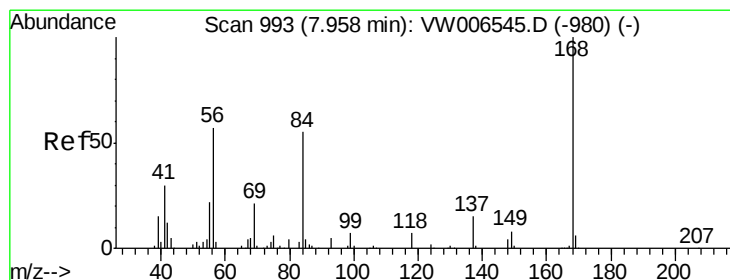
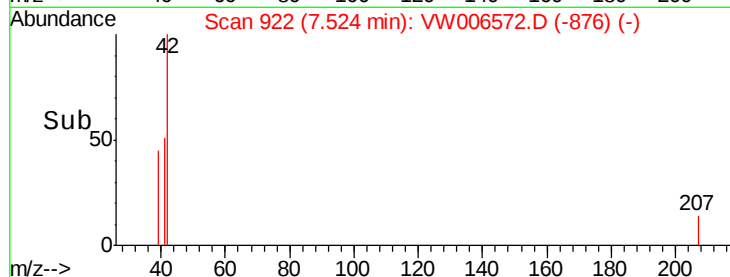
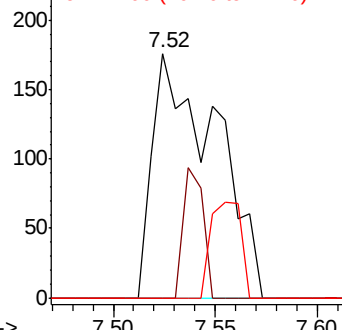
#29
Tetrahydrofuran
Concen: 1.732 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.02 min
Lab File: VW006572.D
Acq: 01 Nov 2018 20:51

Instrument :
MSVOA_W
ClientSampleId :
SI-4

Tgt Ion: 42 Resp: 380
Ion Ratio Lower Upper
42 100
72 16.6 39.2 58.8#
71 0.0 37.6 56.4#

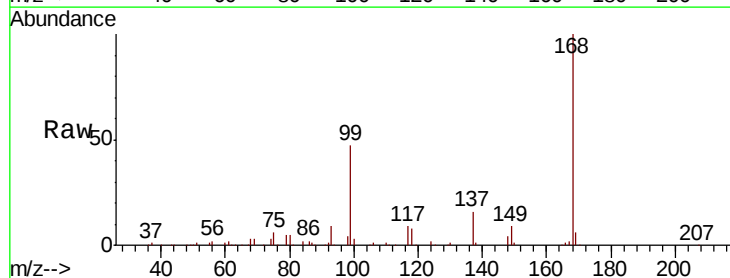


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

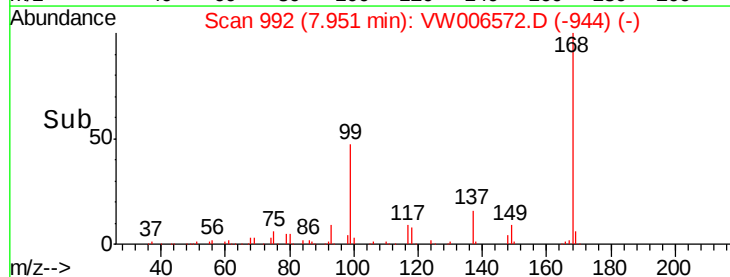
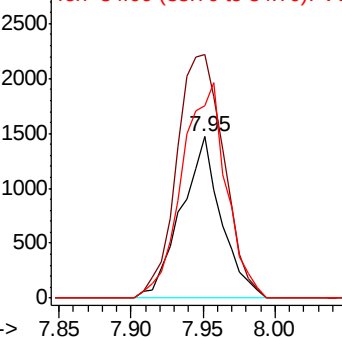


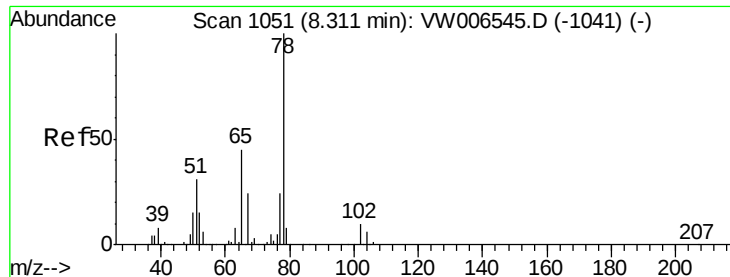
#31
Cyclohexane
Concen: 1.177 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006572.D
Acq: 01 Nov 2018 20:51

Tgt Ion: 56 Resp: 2838
Ion Ratio Lower Upper
56 100
69 151.2 29.0 43.4#
84 119.6 77.8 116.6#



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

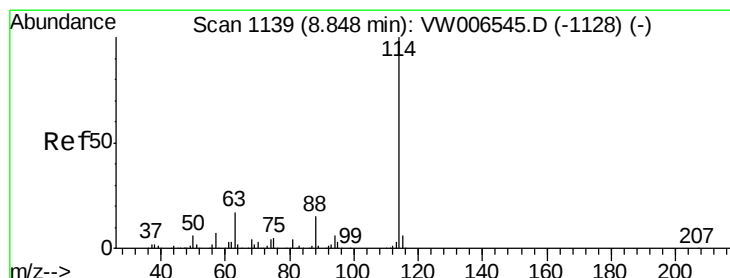
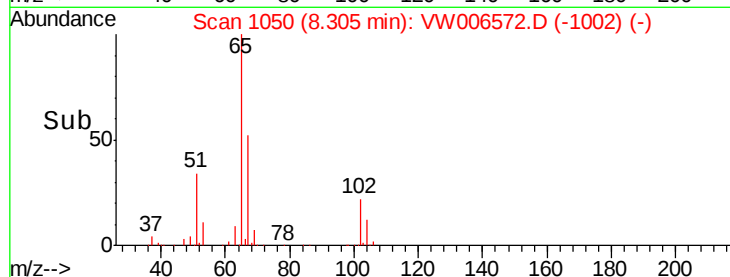
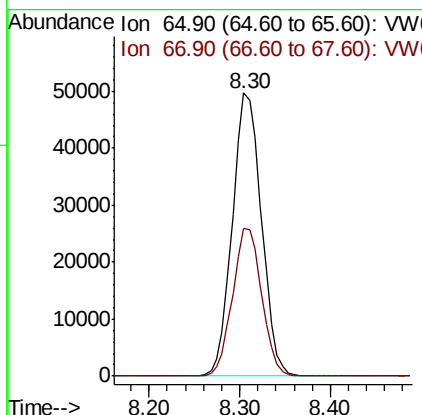
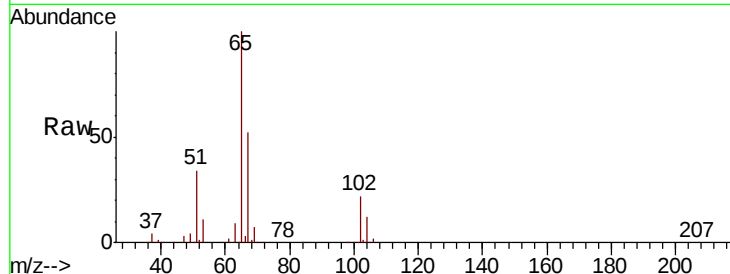




#33
 1,2-Dichloroethane-d4
 Concen: 73.018 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006572.D
 Acq: 01 Nov 2018 20:51

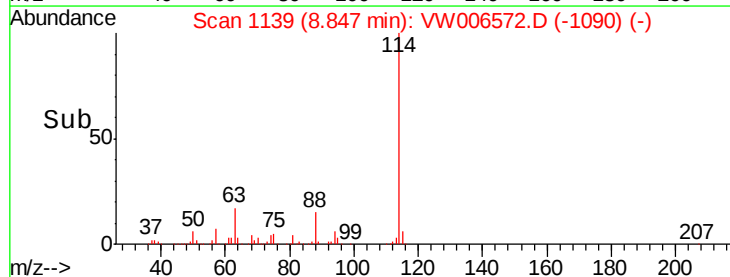
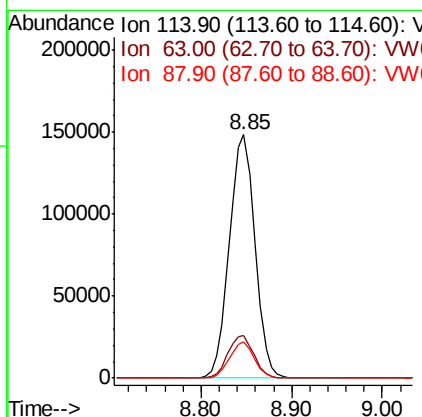
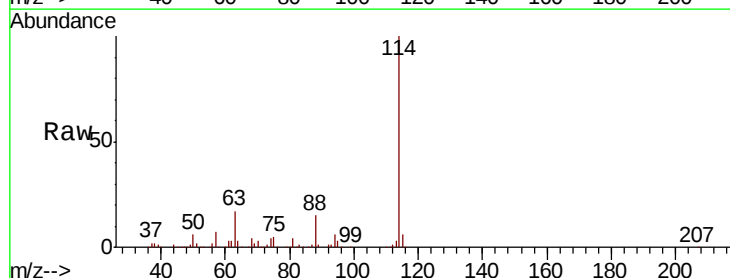
Instrument :
 MSVOA_W
 ClientSampled :
 SI-4

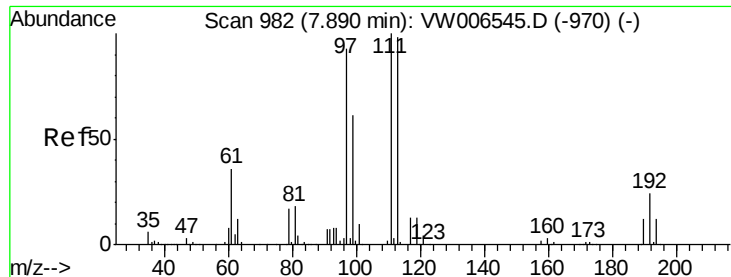
Tgt Ion: 65 Resp: 110544
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006572.D
 Acq: 01 Nov 2018 20:51

Tgt Ion: 114 Resp: 291590
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 34.4
 88 14.7 0.0 29.0





#35

Dibromofluoromethane

Concen: 58.641 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006572.D

Acq: 01 Nov 2018 20:51

Instrument :
MSVOA_W
ClientSampled :
SI-4

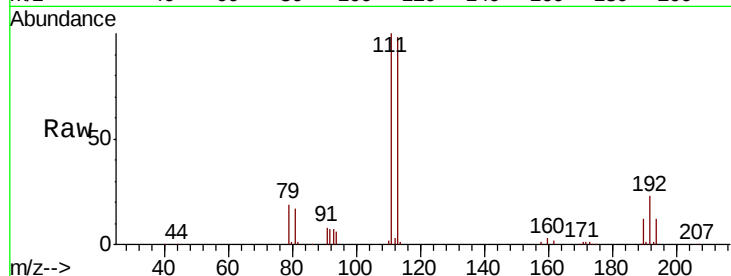
Tgt Ion:113 Resp: 107310

Ion Ratio Lower Upper

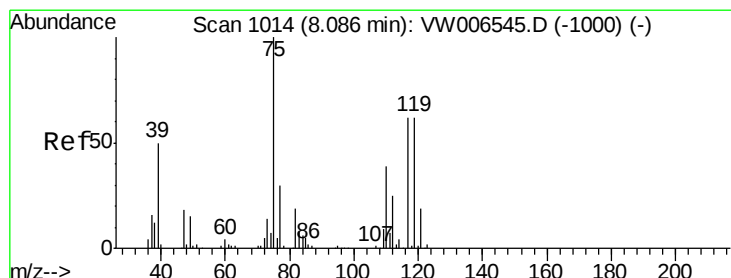
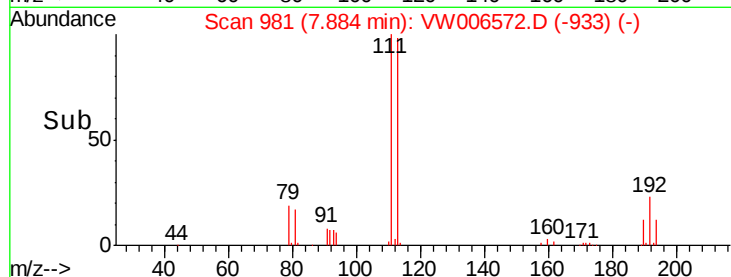
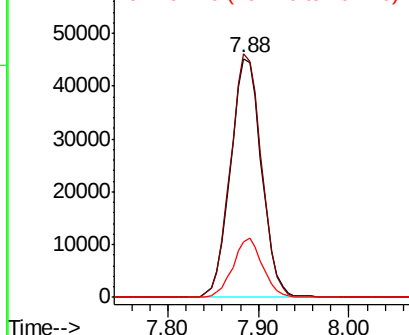
113 100

111 101.8 82.2 123.2

192 23.6 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: 4.373 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006572.D

Acq: 01 Nov 2018 20:51

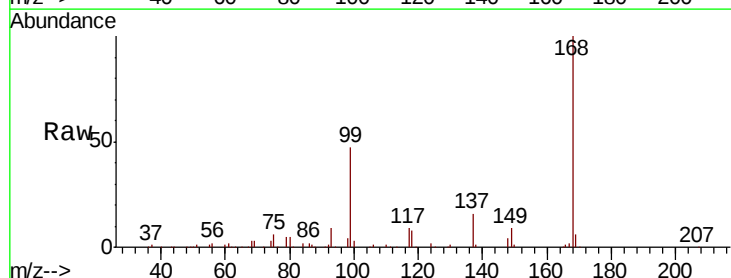
Tgt Ion: 75 Resp: 11214

Ion Ratio Lower Upper

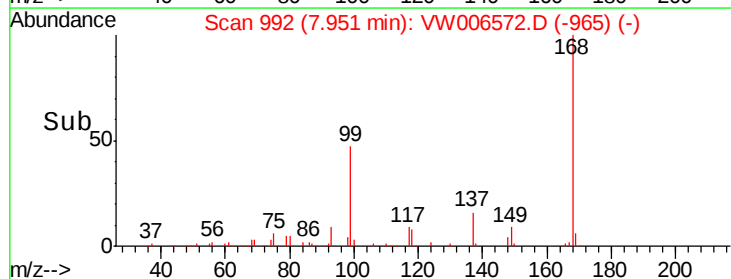
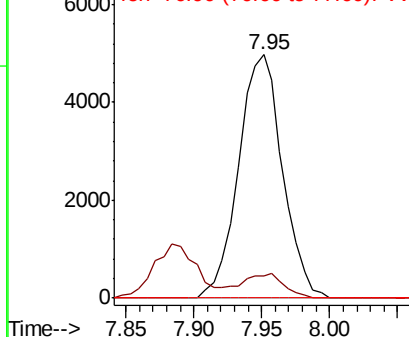
75 100

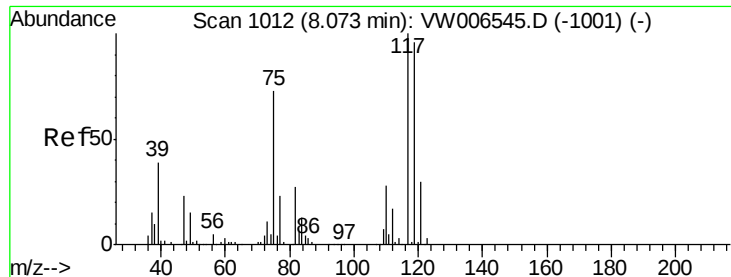
110 9.8 19.5 58.5#

77 0.0 24.6 37.0#



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

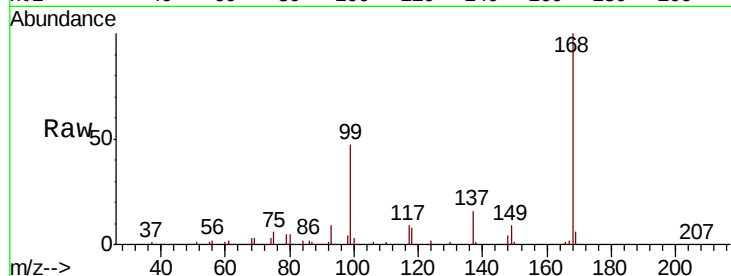




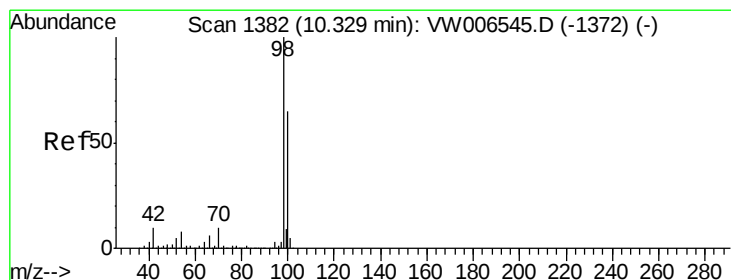
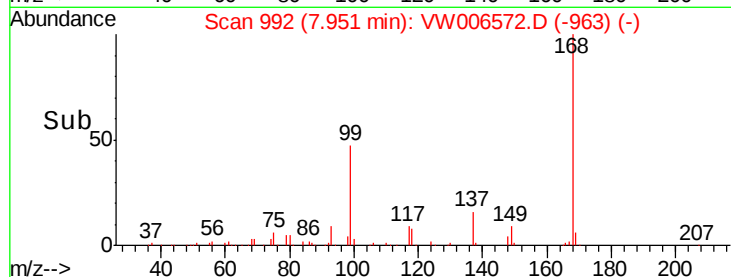
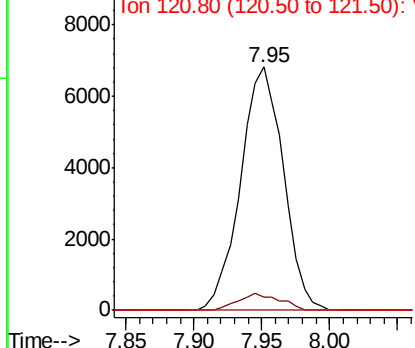
#38
Carbon Tetrachloride
Concen: 5.605 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006572.D
Acq: 01 Nov 2018 20:51

Instrument :
MSVOA_W
ClientSampled :
SI-4

Tgt Ion:117 Resp: 15017
Ion Ratio Lower Upper
117 100
119 5.4 76.3 114.5#
121 0.0 24.1 36.1#

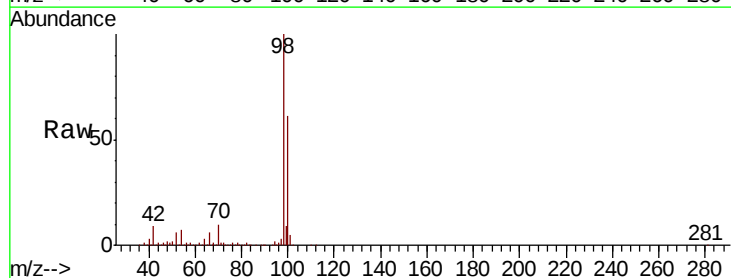


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

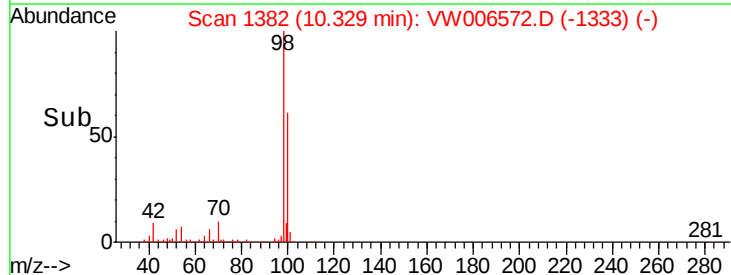
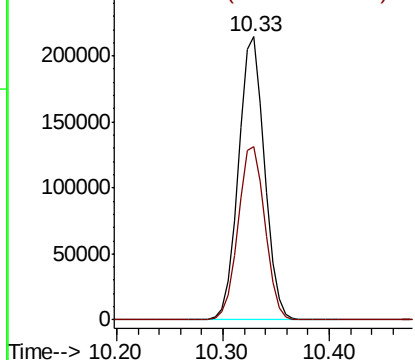


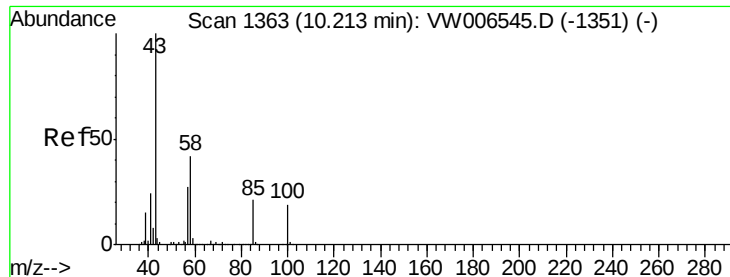
#50
Toluene-d8
Concen: 52.985 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006572.D
Acq: 01 Nov 2018 20:51

Tgt Ion: 98 Resp: 369112
Ion Ratio Lower Upper
98 100
100 63.3 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: 1.472 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW006572.D

Acq: 01 Nov 2018 20:51

Instrument :

MSVOA_W

ClientSampled :

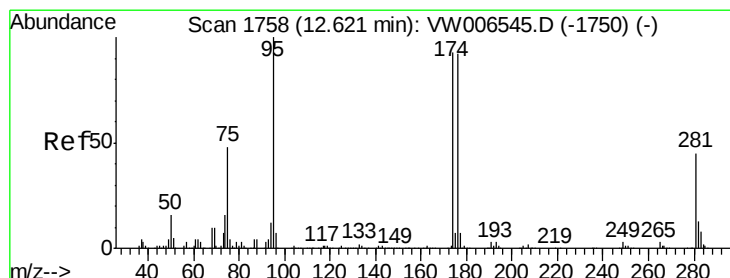
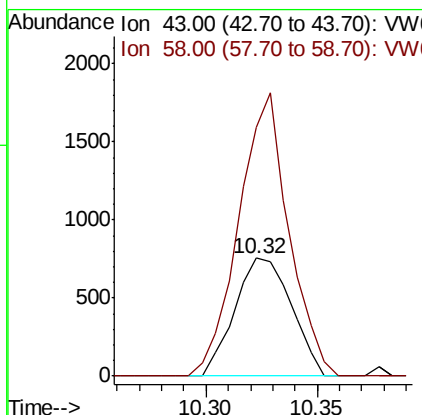
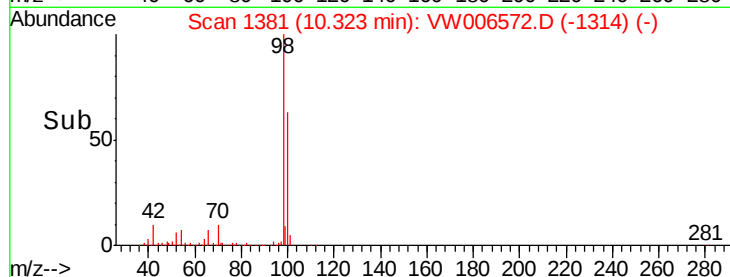
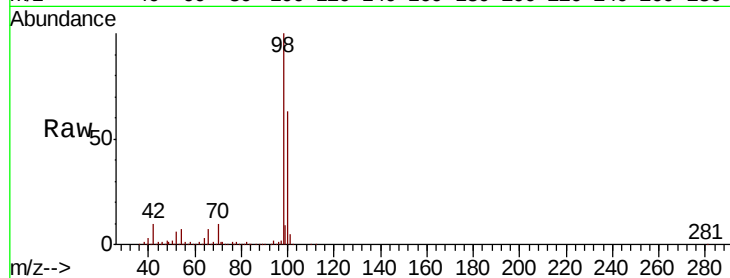
SI-4

Tgt Ion: 43 Resp: 1341

Ion Ratio Lower Upper

43 100

58 212.1 33.4 50.0#



#62

4-Bromofluorobenzene

Concen: 45.663 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006572.D

Acq: 01 Nov 2018 20:51

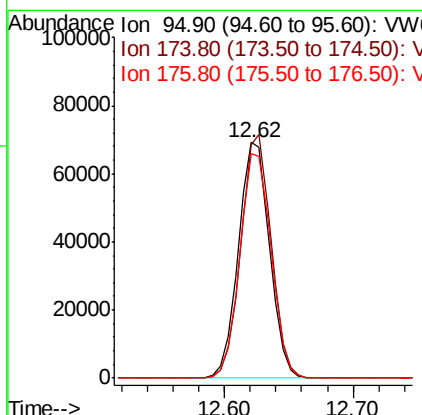
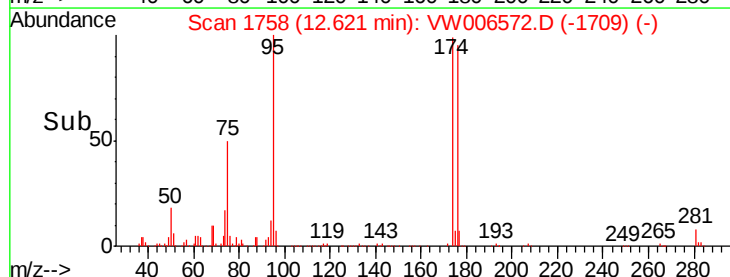
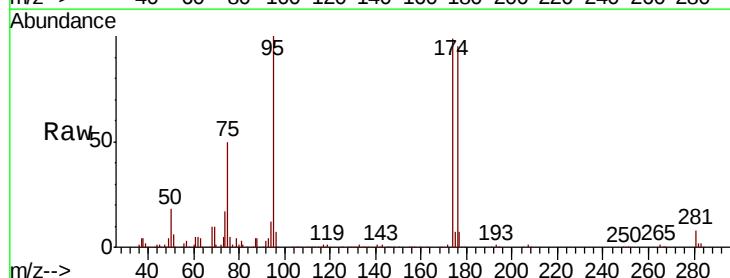
Tgt Ion: 95 Resp: 115325

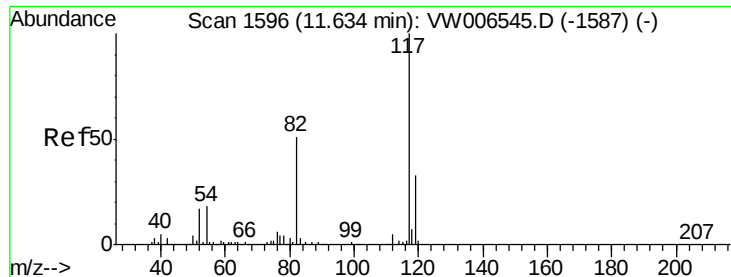
Ion Ratio Lower Upper

95 100

174 100.0 0.0 192.4

176 95.7 0.0 187.4

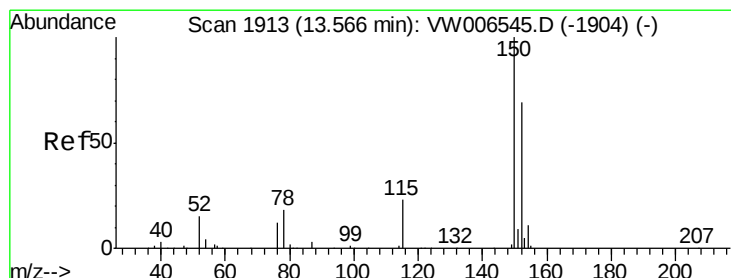
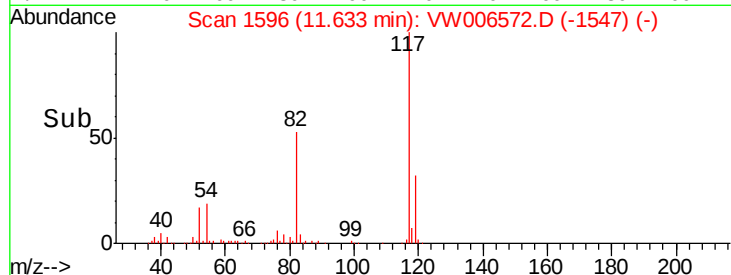
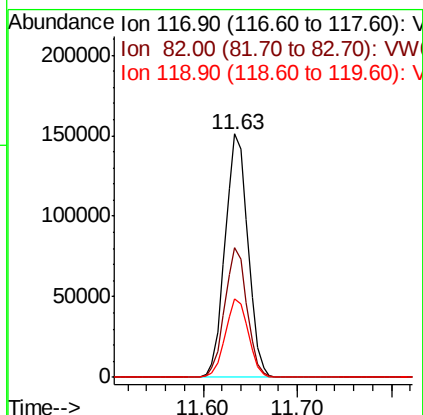
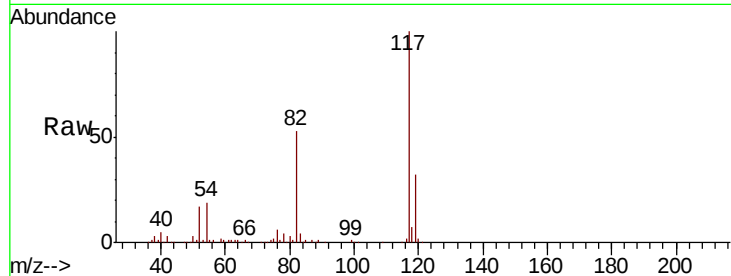




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006572.D
Acq: 01 Nov 2018 20:51

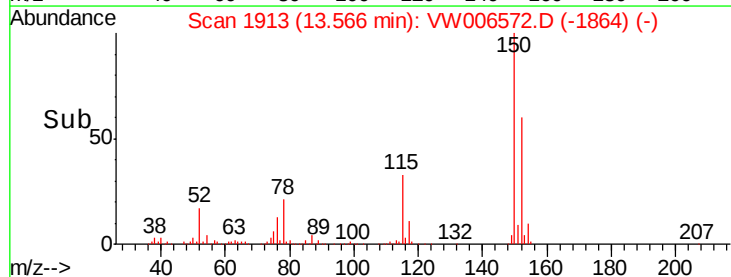
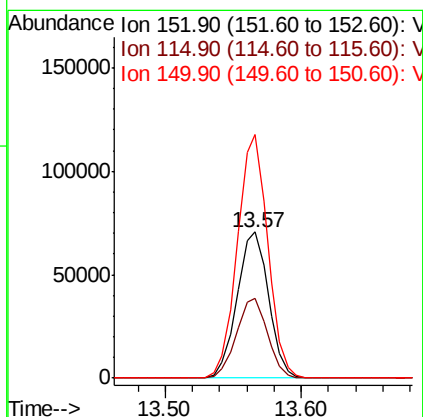
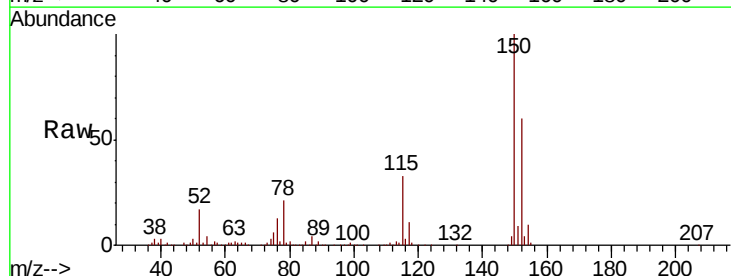
Instrument :
MSVOA_W
ClientSampleId :
SI-4

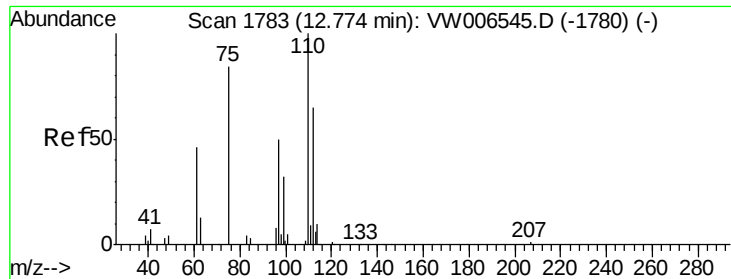
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.2	40.8	61.2
119	32.4	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006572.D
Acq: 01 Nov 2018 20:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.7	26.6	79.8
150	160.5	0.0	344.6

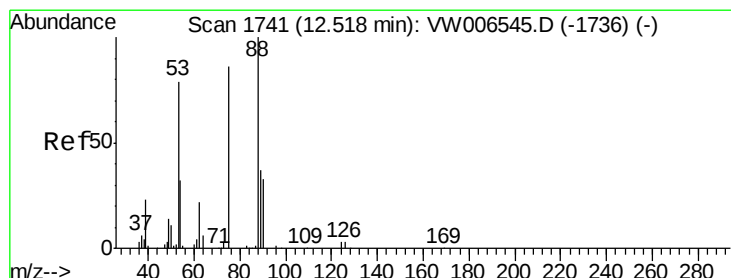
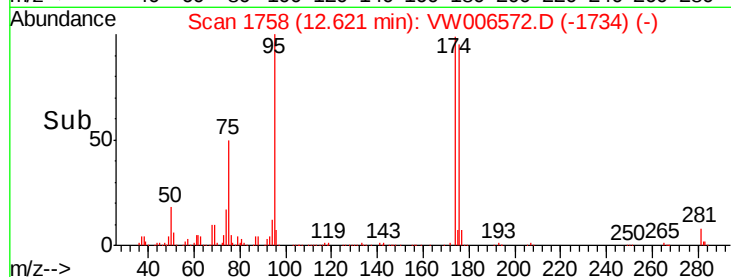
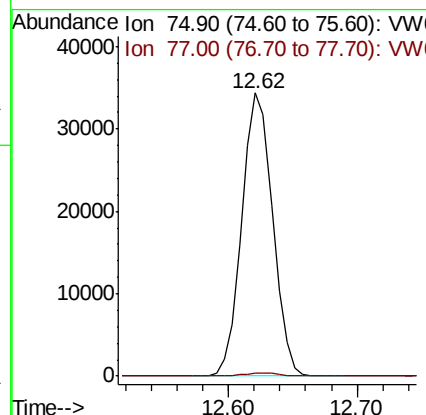
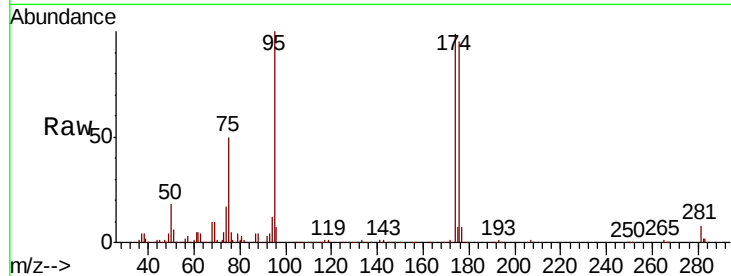




#76
 1,2,3-Trichloropropane
 Concen: 63.870 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006572.D
 Acq: 01 Nov 2018 20:51

Instrument :
 MSVOA_W
 ClientSampleId :
 SI-4

Tgt Ion: 75 Resp: 56936
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 159.263 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006572.D
 Acq: 01 Nov 2018 20:51

Tgt Ion: 75 Resp: 56936
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.2 115.8#
 89 0.0 38.6 58.0#

