

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
 Data File : VW006641.D
 Acq On : 05 Nov 2018 17:24
 Operator : SY/AP
 Sample : J5700-01RE
 Misc : 5.92G/5ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SI-1

Quant Time: Nov 06 01:58:25 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

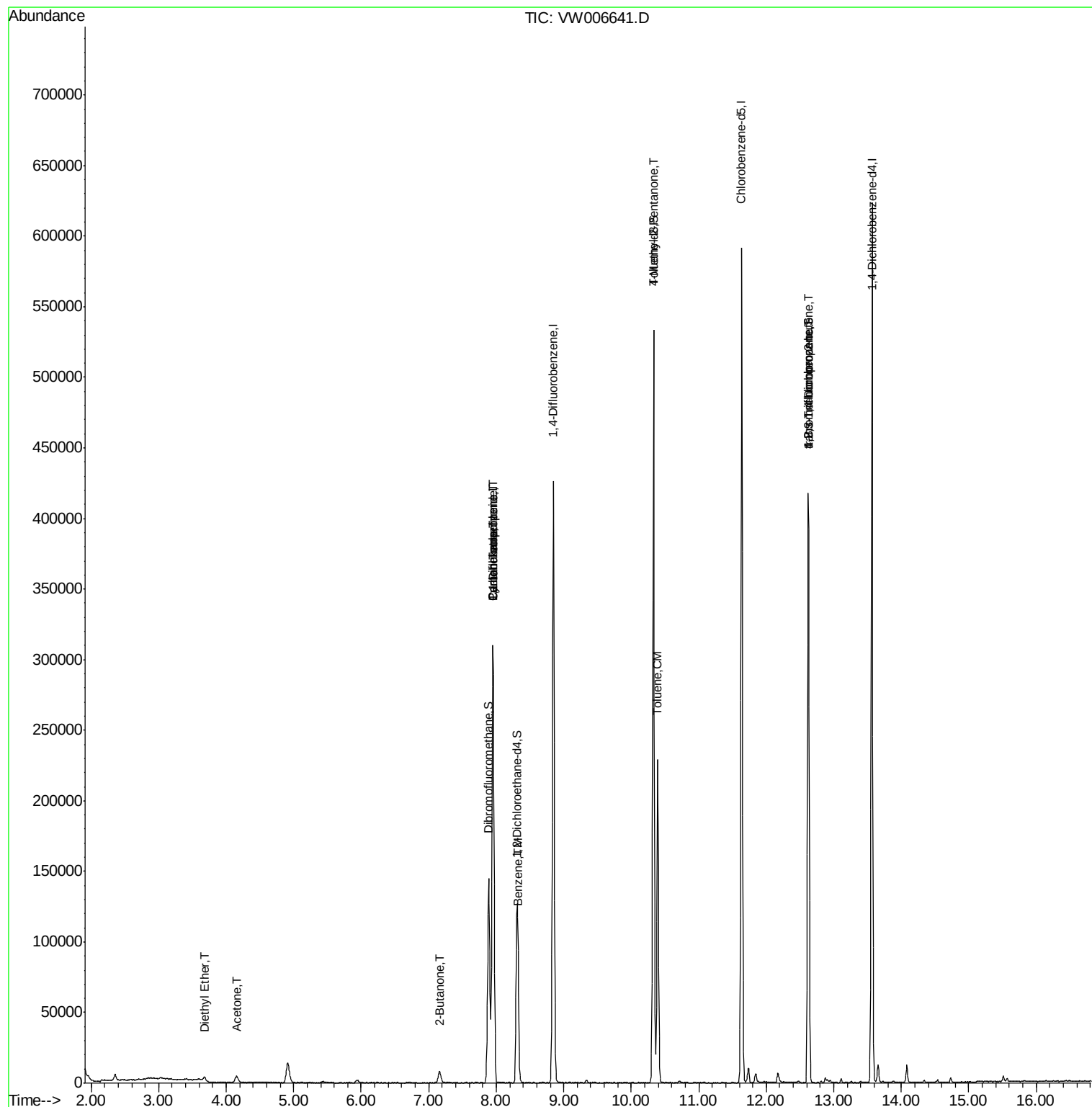
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	254247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	380530	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	350439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	176501	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	96570	44.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.38%	
35) Dibromofluoromethane	7.88	113	102642	42.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.96%	
50) Toluene-d8	10.33	98	366901	40.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.72%	
62) 4-Bromofluorobenzene	12.62	95	124050	37.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.28%	
Target Compounds						
8) Diethyl Ether	3.68	74	1978	1.800	ug/l	71
16) Acetone	4.15	43	9174	26.000	ug/l	95
20) Methylene Chloride	4.92	84	12472	Below Cal		92
25) 2-Butanone	7.15	43	592	1.176	ug/l #	46
31) Cyclohexane	7.95	56	4434	1.274	ug/l #	9
36) 1,1-Dichloropropene	7.95	75	15734	4.702	ug/l #	48
38) Carbon Tetrachloride	7.95	117	22263	6.367	ug/l #	17
40) Benzene	8.33	78	16865	1.774	ug/l	96
51) 4-Methyl-2-Pentanone	10.33	43	1314	1.106	ug/l #	1
52) Toluene	10.39	92	99615	15.625	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	60003	43.572	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	60003	109.494	ug/l #	11

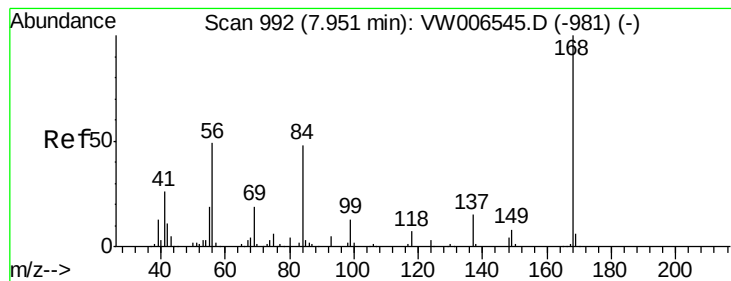
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
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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: VW006641.D

Acq: 05 Nov 2018 17:24

Instrument :

MSVOA_W

ClientSampled :

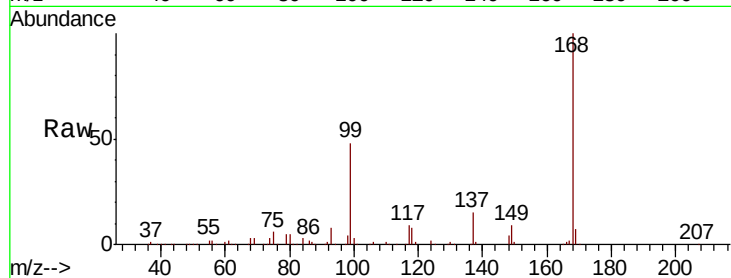
SI-1

Tgt Ion:168 Resp: 254247

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

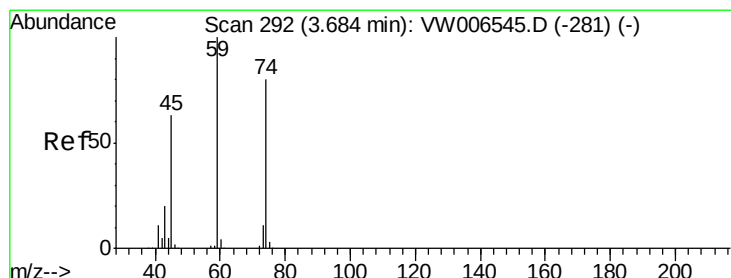
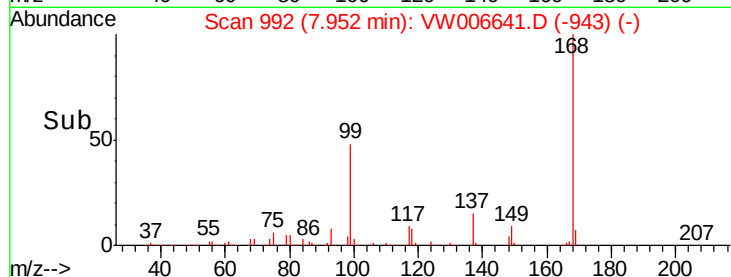
7.95

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.800 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW006641.D

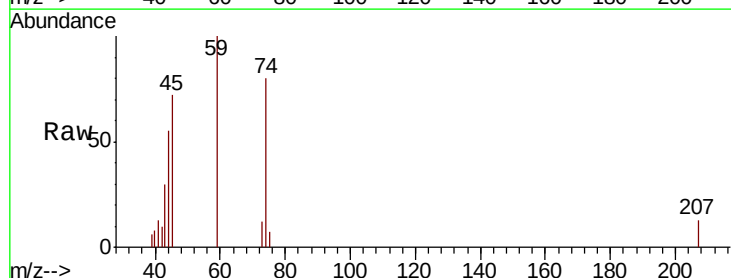
Acq: 05 Nov 2018 17:24

Tgt Ion: 74 Resp: 1978

Ion Ratio Lower Upper

74 100

45 108.6 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

1000

800

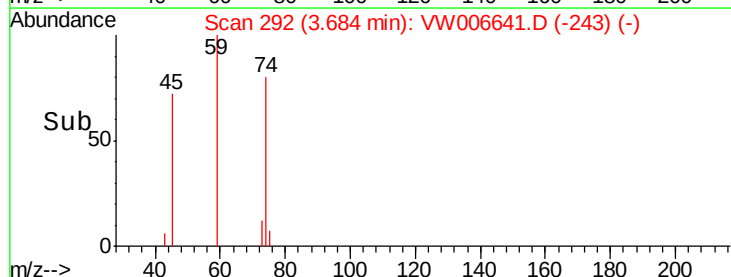
600

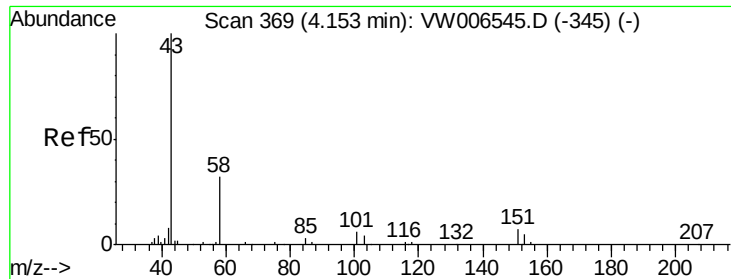
400

200

0

Time-->

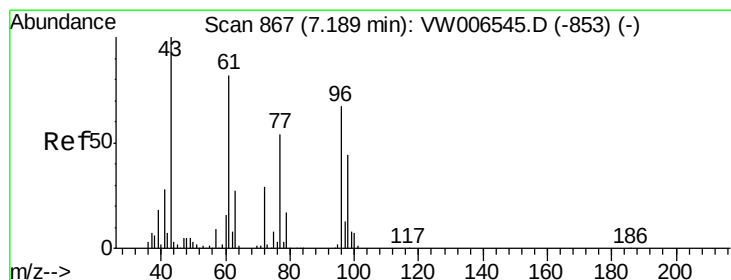
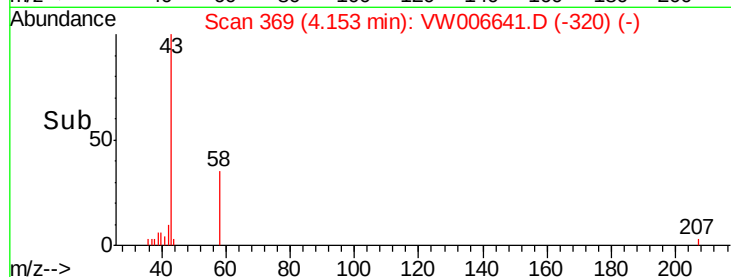
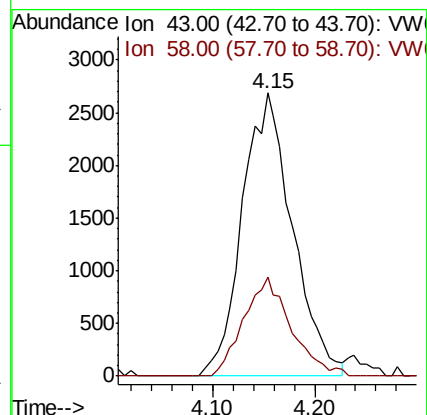
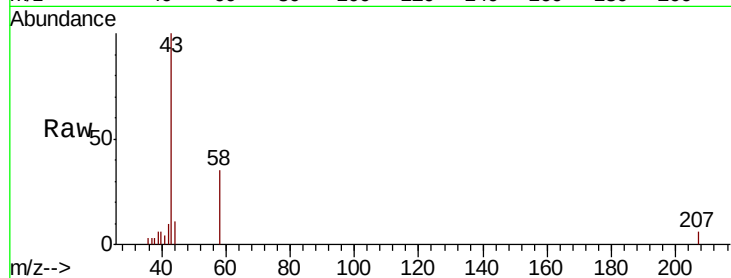




#16
Acetone
Concen: 26.000 ug/l
RT: 4.15 min Scan# 369
Delta R.T. 0.00 min
Lab File: VW006641.D
Acq: 05 Nov 2018 17:24

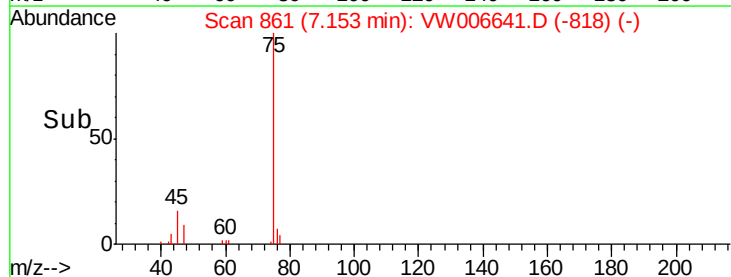
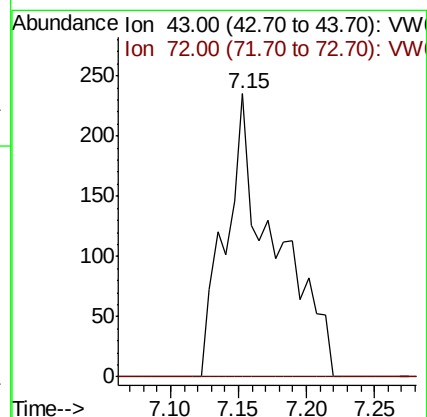
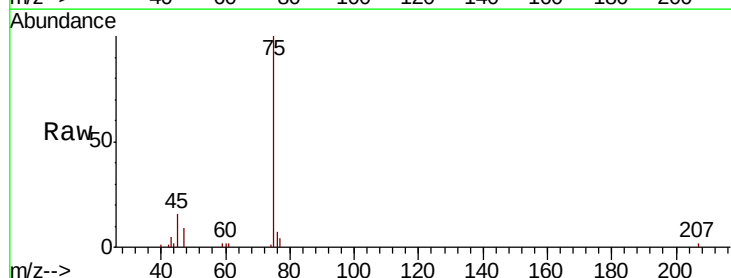
Instrument :
MSVOA_W
ClientSampled :
SI-1

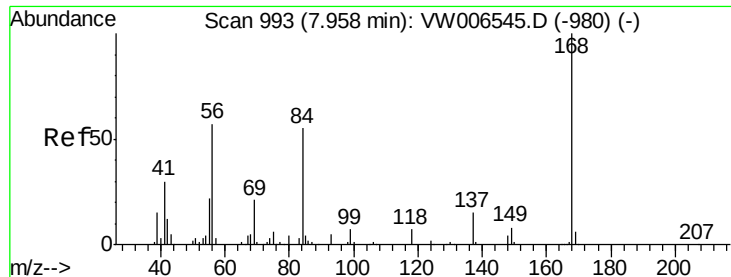
Tgt Ion: 43 Resp: 9174
Ion Ratio Lower Upper
43 100
58 35.0 25.8 38.8



#25
2-Butanone
Concen: 1.176 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.04 min
Lab File: VW006641.D
Acq: 05 Nov 2018 17:24

Tgt Ion: 43 Resp: 592
Ion Ratio Lower Upper
43 100
72 0.0 23.2 34.8#

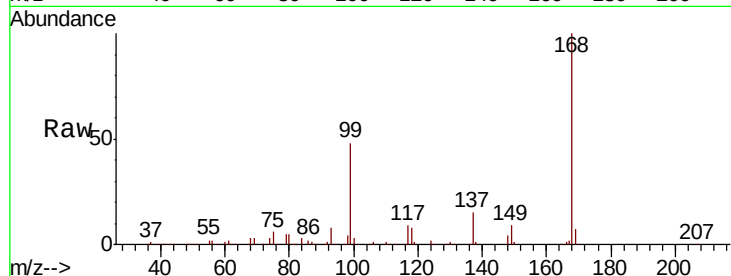




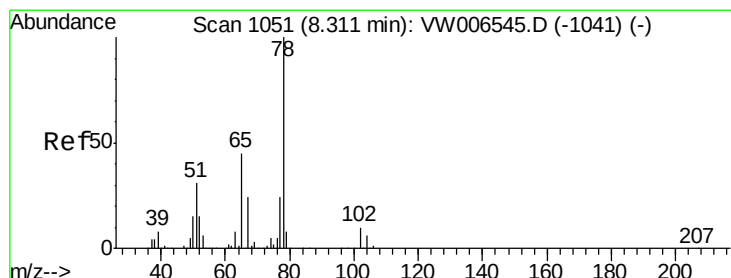
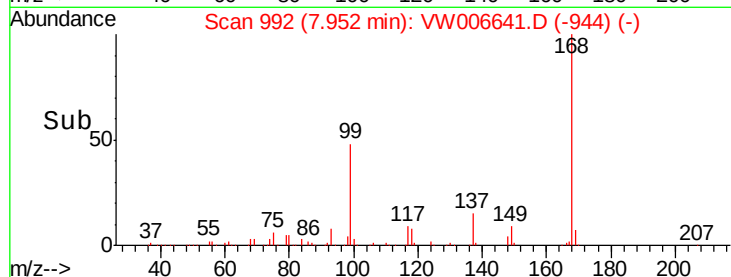
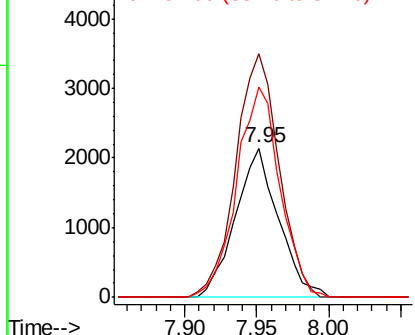
#31
Cyclohexane
Concen: 1.274 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006641.D
Acq: 05 Nov 2018 17:24

Instrument :
MSVOA_W
ClientSampled :
SI-1

Tgt Ion: 56 Resp: 4434
Ion Ratio Lower Upper
56 100
69 163.5 29.0 43.4#
84 140.9 77.8 116.6#

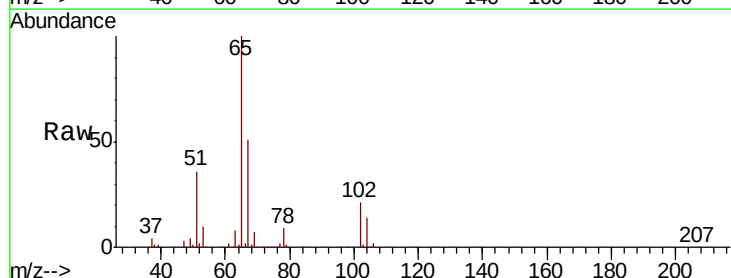


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

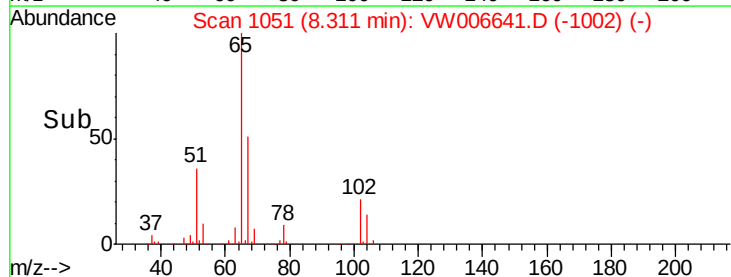
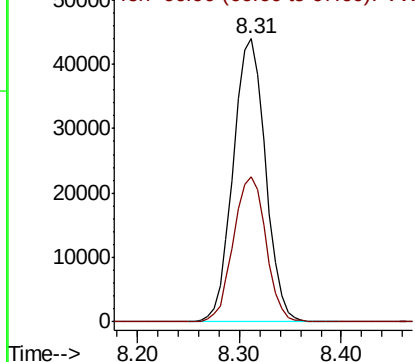


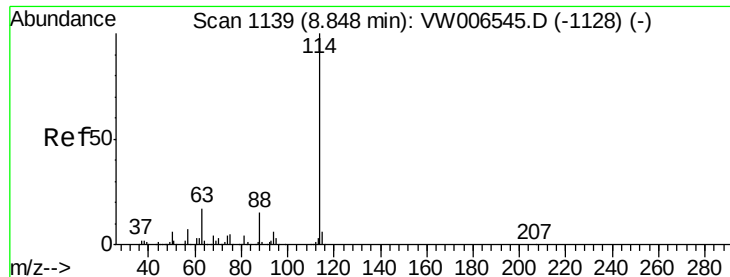
#33
1,2-Dichloroethane-d4
Concen: 44.187 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006641.D
Acq: 05 Nov 2018 17:24

Tgt Ion: 65 Resp: 96570
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006641.D

Acq: 05 Nov 2018 17:24

Instrument :

MSVOA_W

ClientSampled :

SI-1

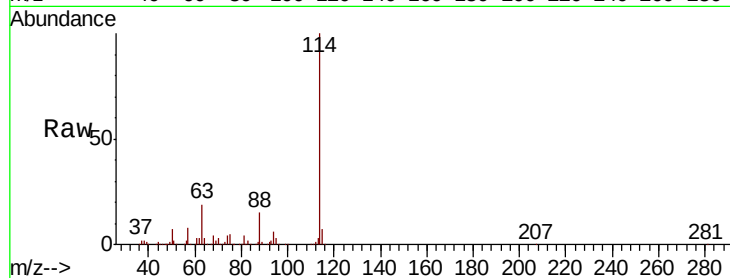
Tgt Ion:114 Resp: 380530

Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.4

88 14.5 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

250000

200000

150000

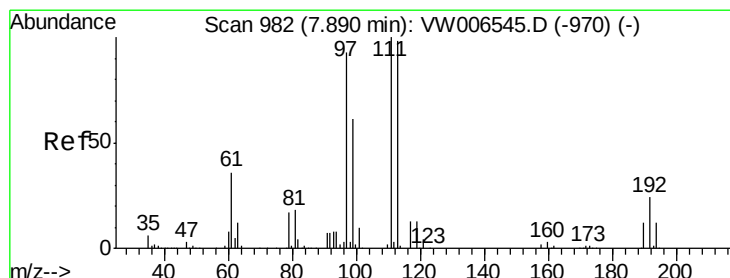
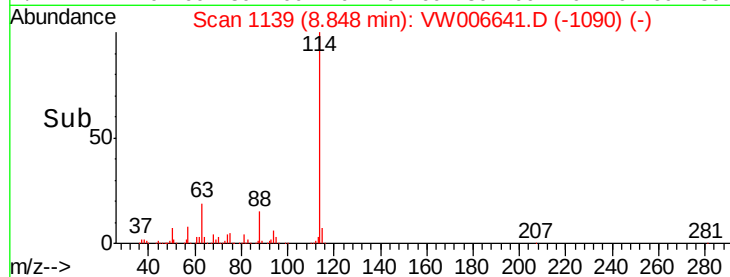
100000

50000

0

8.80 8.90

Time-->



#35

Dibromofluoromethane

Concen: 42.980 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006641.D

Acq: 05 Nov 2018 17:24

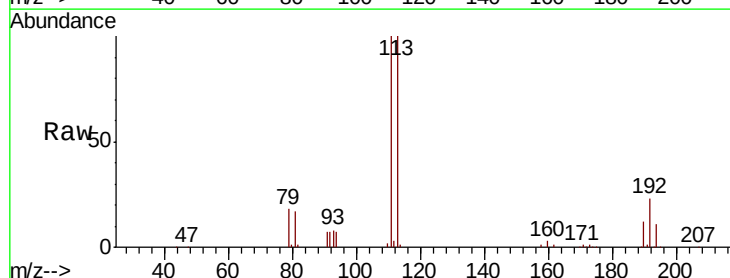
Tgt Ion:113 Resp: 102642

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.2

192 23.9 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

60000

50000

40000

30000

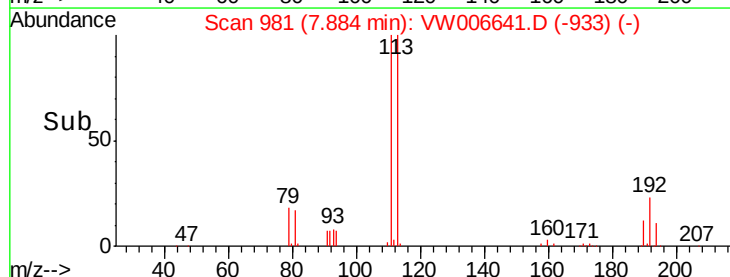
20000

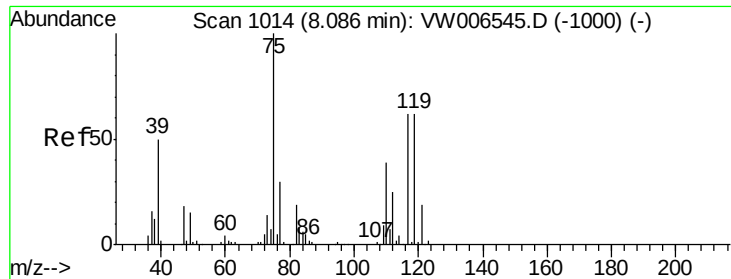
10000

0

7.80 7.90 8.00

Time-->

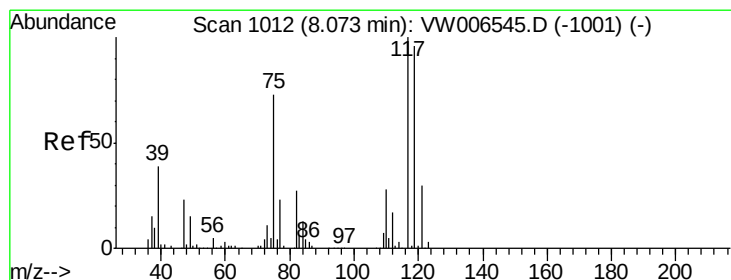
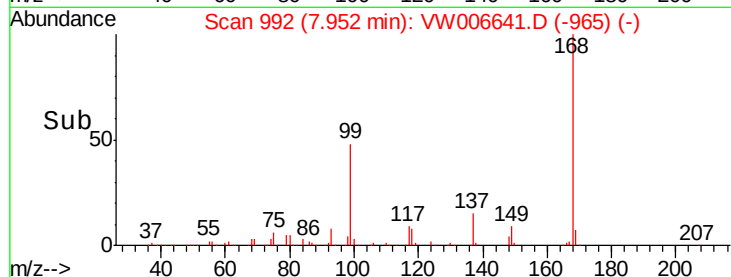
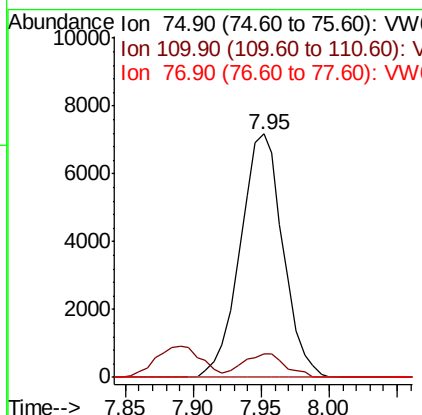
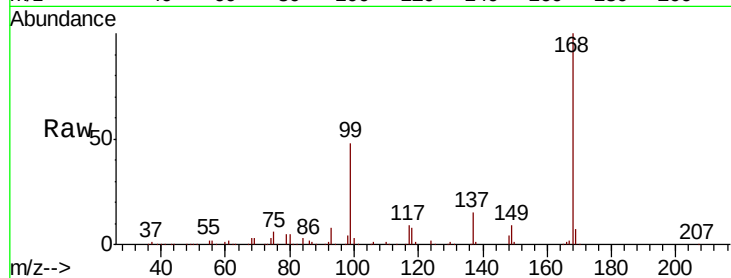




#36
 1,1-Dichloropropene
 Concen: 4.702 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006641.D
 Acq: 05 Nov 2018 17:24

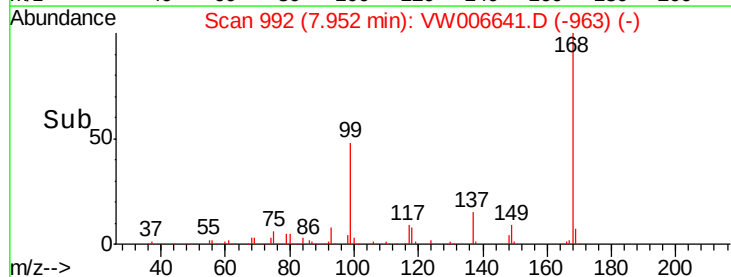
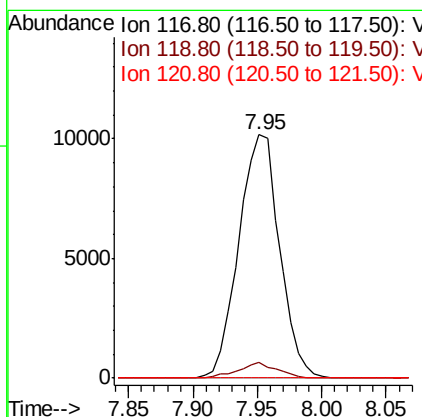
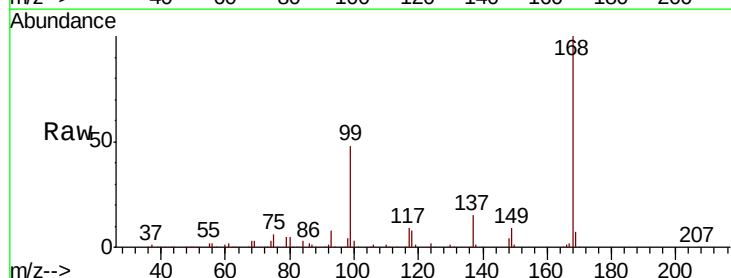
Instrument :
 MSVOA_W
 ClientSampled :
 SI-1

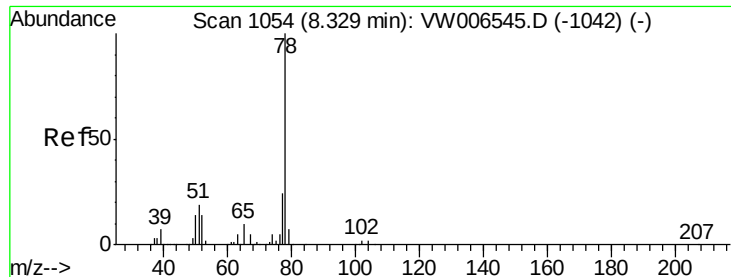
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.7	19.5	58.5#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 6.367 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006641.D
 Acq: 05 Nov 2018 17:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.7	76.3	114.5#
121	0.0	24.1	36.1#





#40

Benzene

Concen: 1.774 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VW006641.D

Acq: 05 Nov 2018 17:24

Instrument :

MSVOA_W

ClientSampleId :

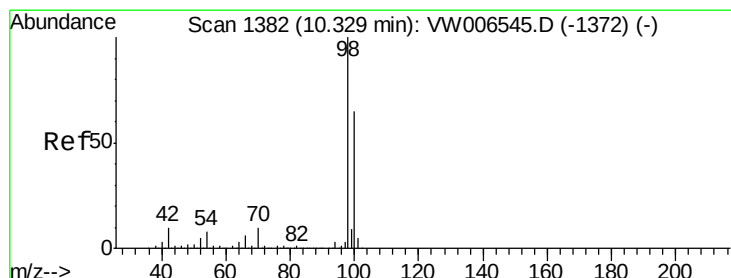
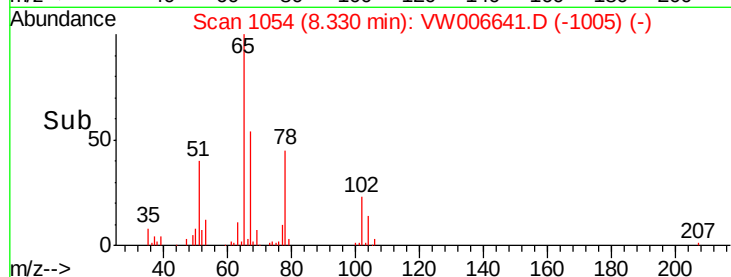
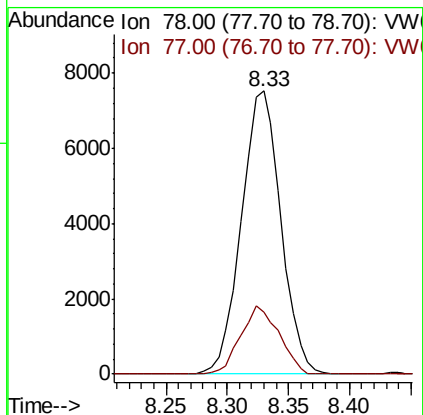
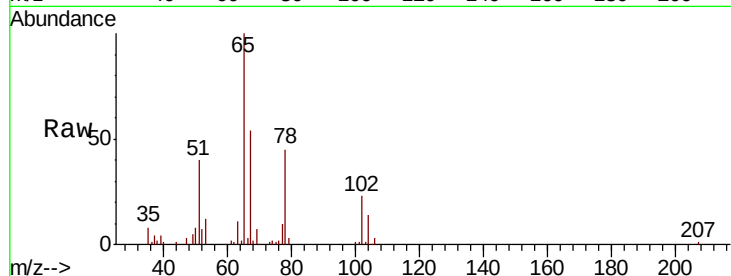
SI-1

Tgt Ion: 78 Resp: 16865

Ion Ratio Lower Upper

78 100

77 22.0 19.2 28.8



#50

Toluene-d8

Concen: 40.358 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006641.D

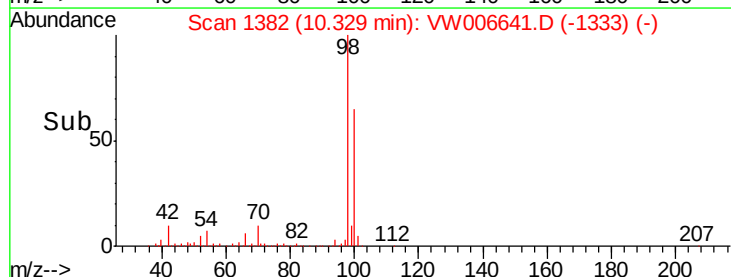
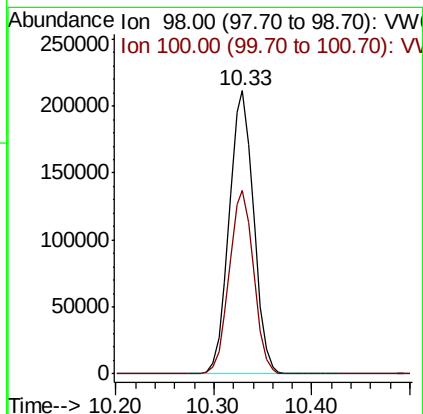
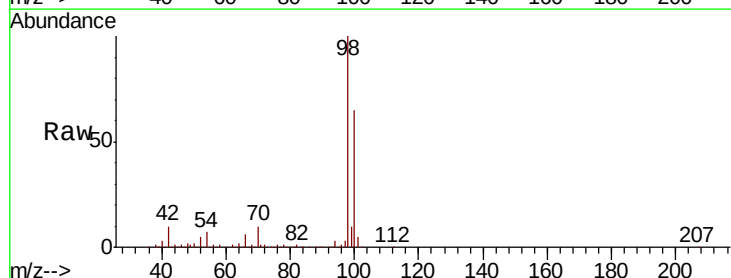
Acq: 05 Nov 2018 17:24

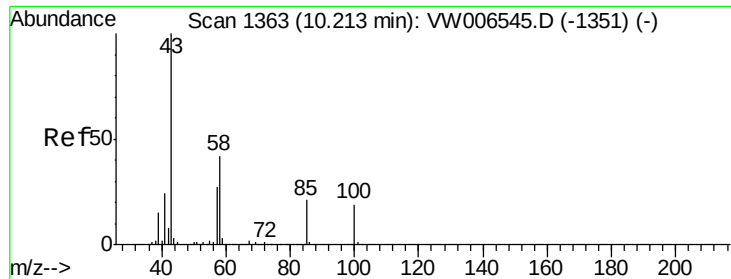
Tgt Ion: 98 Resp: 366901

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4

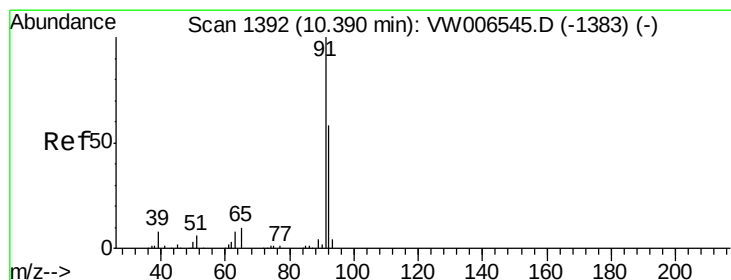
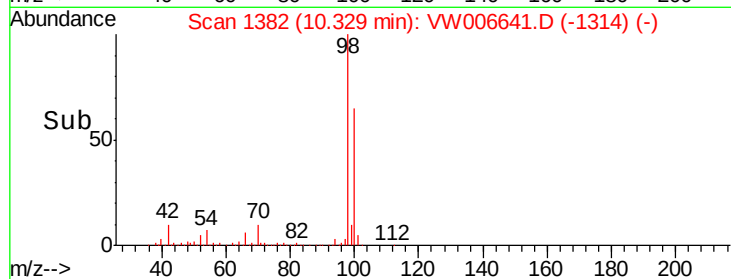
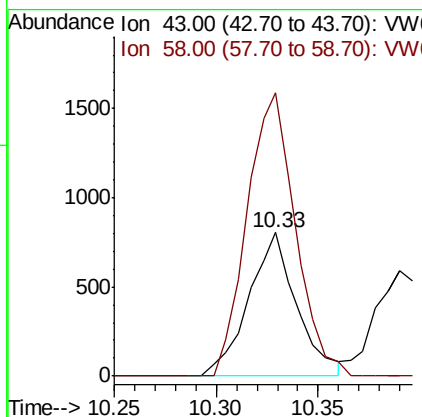
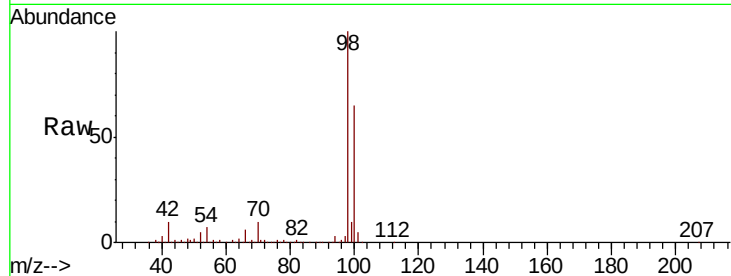




#51
 4-Methyl-2-Pentanone
 Concen: 1.106 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.12 min
 Lab File: VW006641.D
 Acq: 05 Nov 2018 17:24

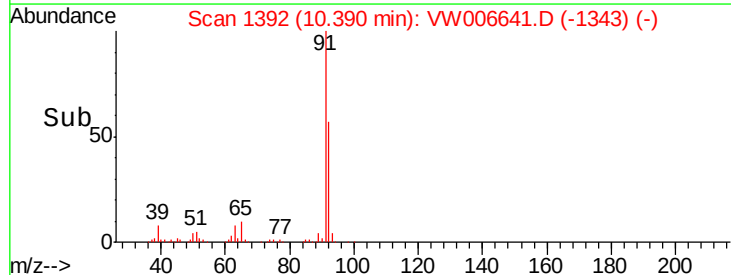
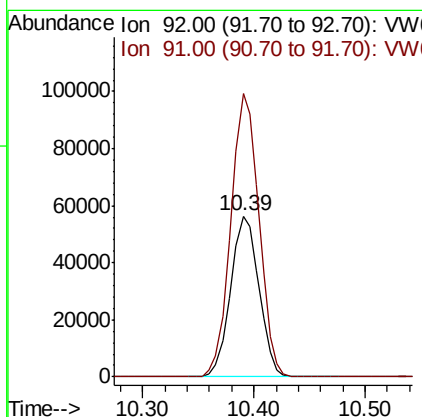
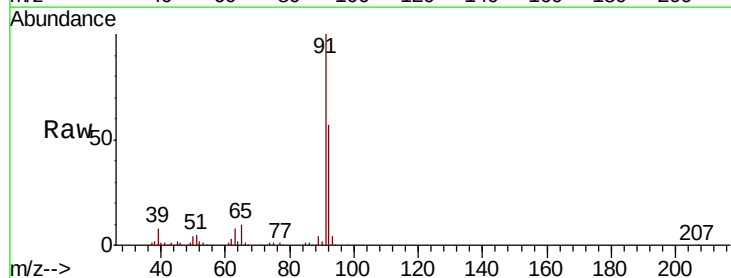
Instrument :
 MSVOA_W
 ClientSampled :
 SI-1

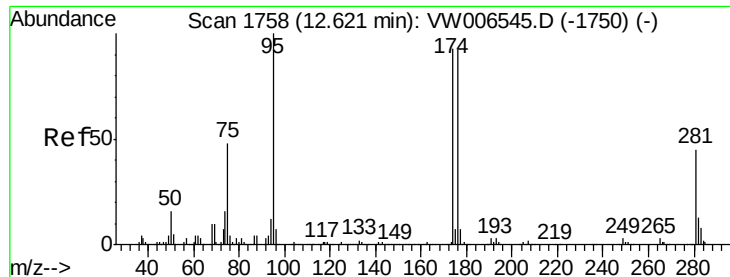
Tgt Ion: 43 Resp: 1314
 Ion Ratio Lower Upper
 43 100
 58 198.9 33.4 50.0#



#52
 Toluene
 Concen: 15.625 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006641.D
 Acq: 05 Nov 2018 17:24

Tgt Ion: 92 Resp: 99615
 Ion Ratio Lower Upper
 92 100
 91 174.1 138.6 208.0

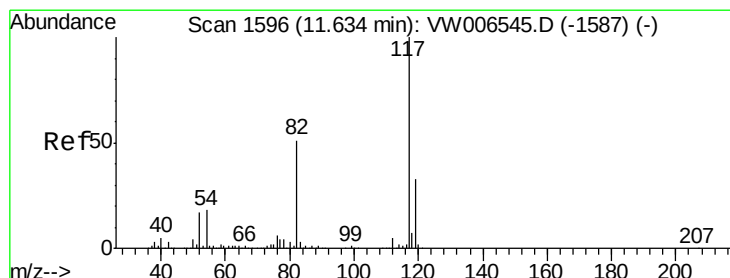
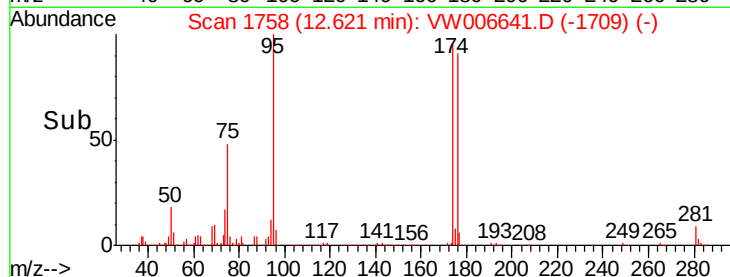
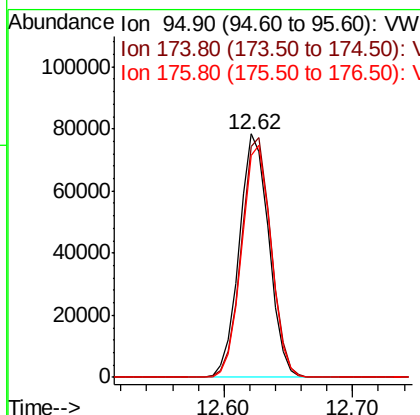
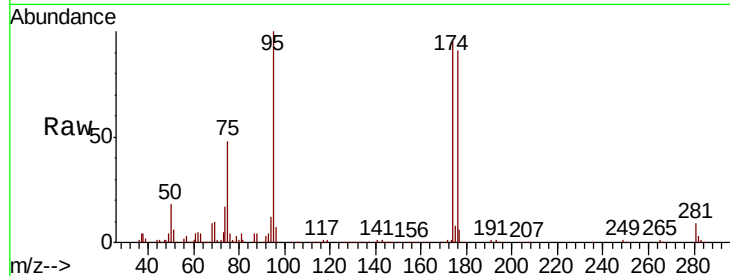




#62
4-Bromofluorobenzene
Concen: 37.638 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006641.D
Acq: 05 Nov 2018 17:24

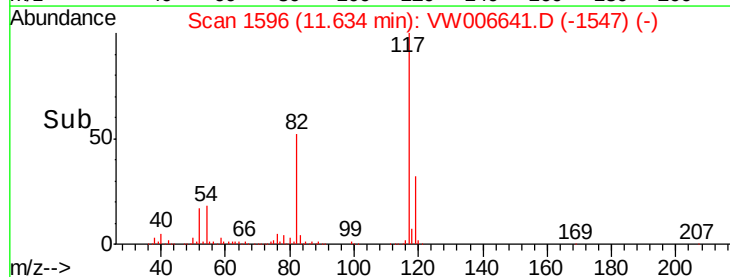
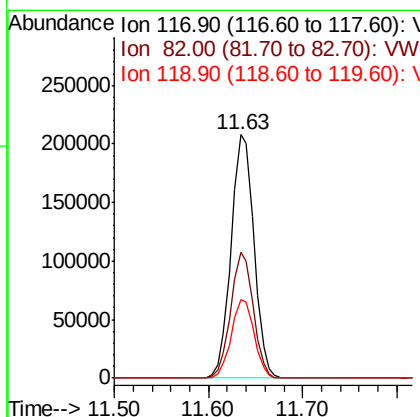
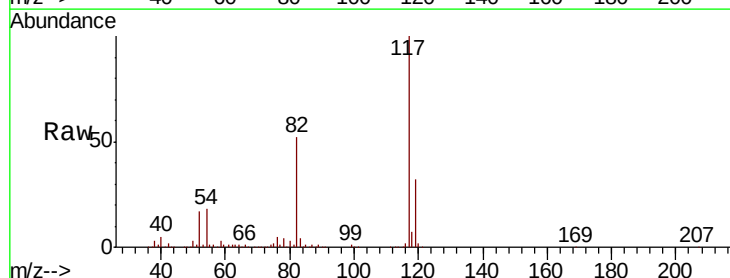
Instrument :
MSVOA_W
ClientSampled :
SI-1

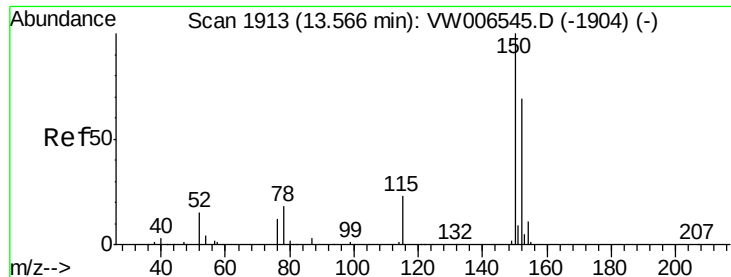
Tgt Ion: 95 Resp: 124050
Ion Ratio Lower Upper
95 100
174 98.7 0.0 192.4
176 95.0 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006641.D
Acq: 05 Nov 2018 17:24

Tgt Ion: 117 Resp: 350439
Ion Ratio Lower Upper
117 100
82 51.6 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: VW006641.D

Acq: 05 Nov 2018 17:24

Instrument :

MSVOA_W

ClientSampleId :

SI-1

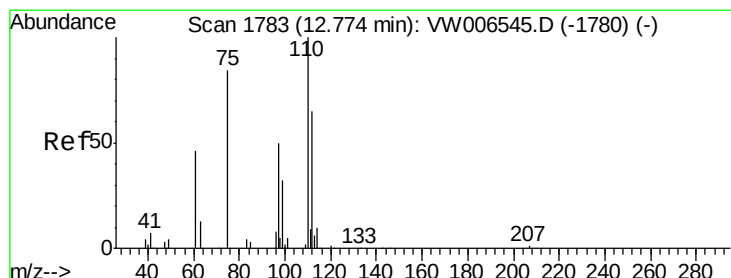
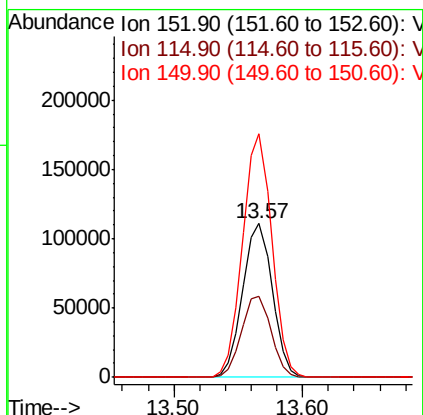
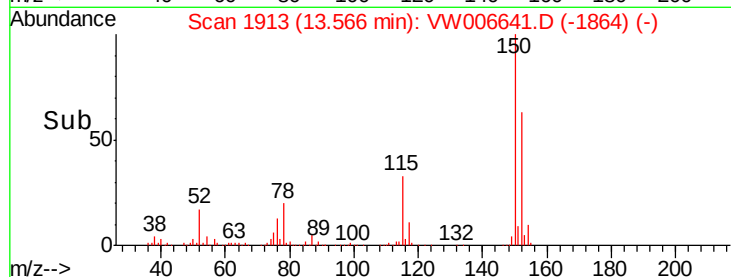
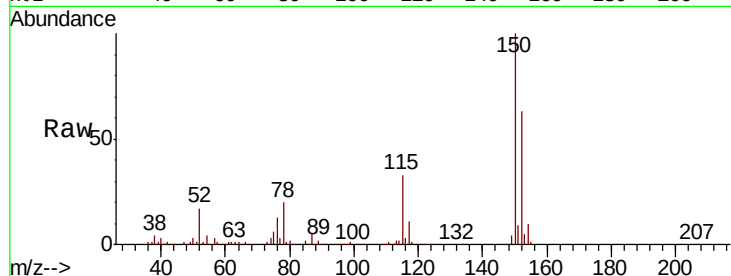
Tgt Ion:152 Resp: 176501

Ion Ratio Lower Upper

152 100

115 52.8 26.6 79.8

150 156.3 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 43.572 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006641.D

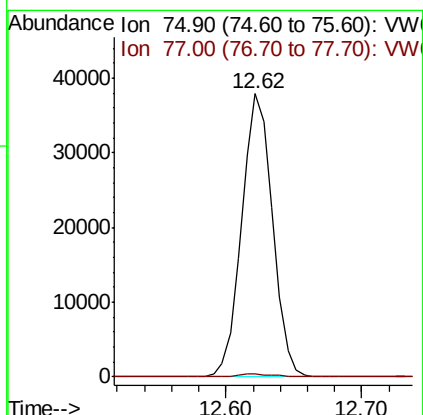
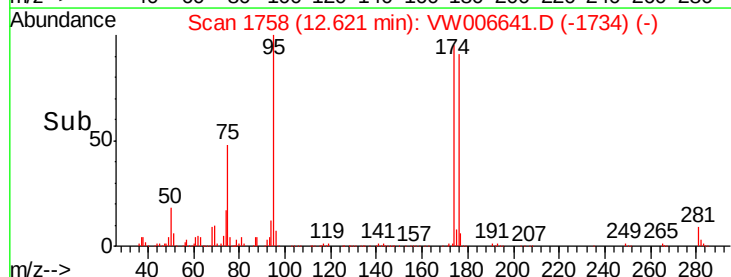
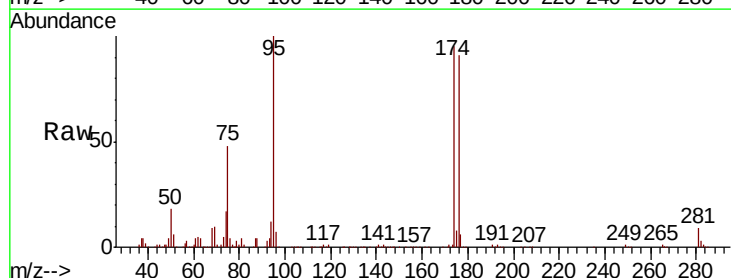
Acq: 05 Nov 2018 17:24

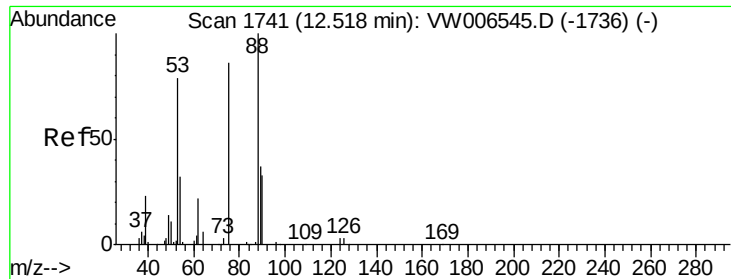
Tgt Ion: 75 Resp: 60003

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 109.494 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006641.D

Acq: 05 Nov 2018 17:24

Instrument :

MSVOA_W

ClientSampleId :

SI-1

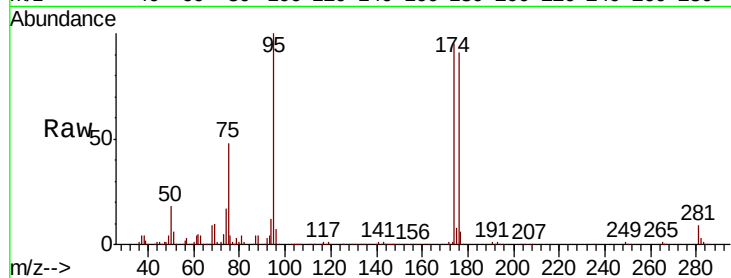
Tgt Ion: 75 Resp: 60003

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.1 38.6 58.0#



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

