

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110218\
 Data File : VW006573.D
 Acq On : 01 Nov 2018 21:16
 Operator : SY/AP
 Sample : J5700-05
 Misc : 6.49G/5ML/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SI-5

Quant Time: Nov 02 04:01:40 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

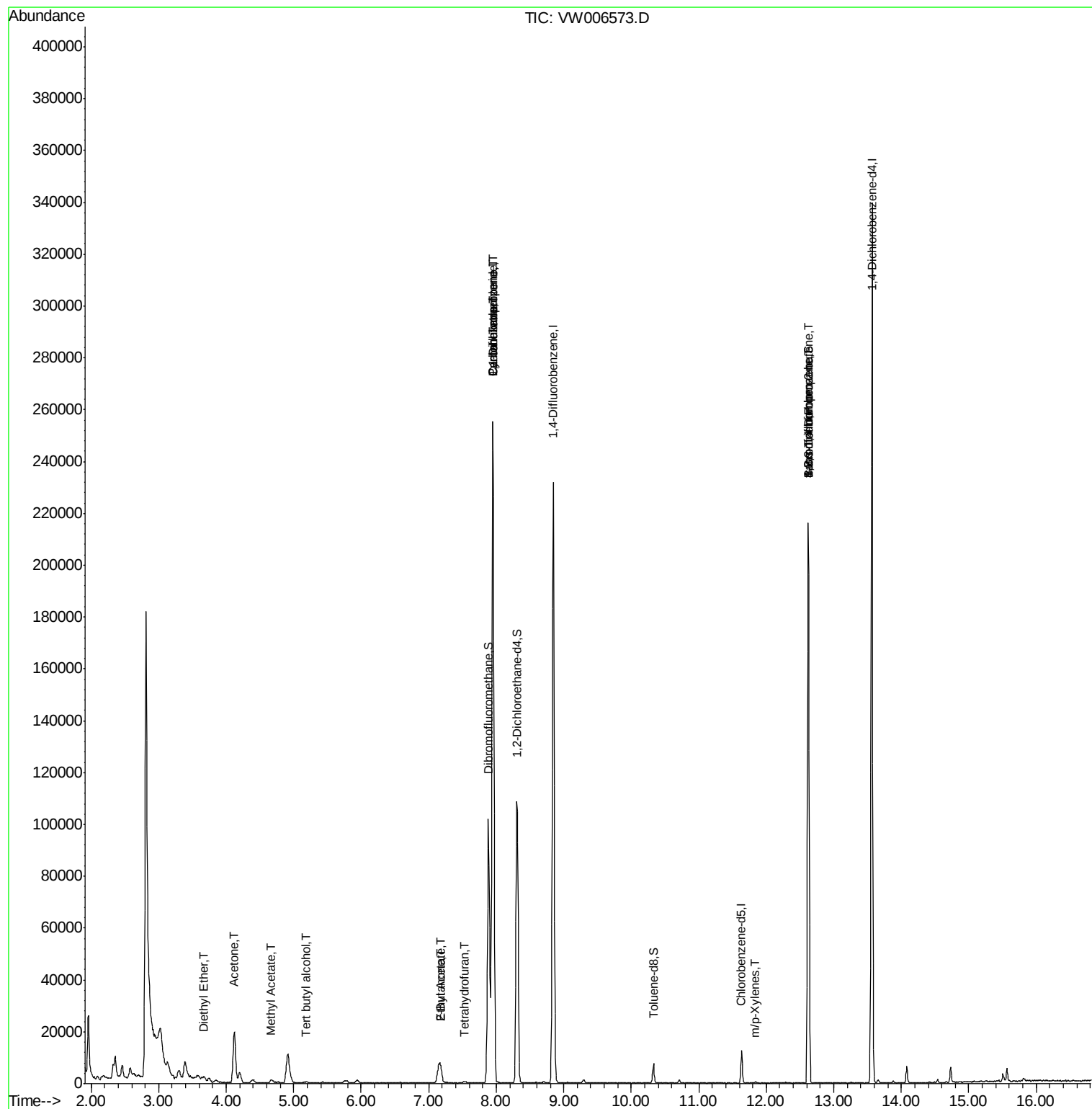
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	210327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	210771	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	7880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	98861	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	88062	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
35) Dibromofluoromethane	7.88	113	71726	54.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.44%	
50) Toluene-d8	10.33	98	5689	1.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.26%	
62) 4-Bromofluorobenzene	12.62	95	63685	34.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.78%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.67	74	1050	1.155	ug/l	70
11) Tert butyl alcohol	5.18	59	543	5.574	ug/l #	84
16) Acetone	4.12	43	33750	115.624	ug/l	98
18) Methyl Acetate	4.66	43	2454	2.924	ug/l #	87
20) Methylene Chloride	4.92	84	10401	Below Cal		93
25) 2-Butanone	7.18	43	8446	20.277	ug/l	94
29) Tetrahydrofuran	7.54	42	270	1.031	ug/l #	36
31) Cyclohexane	7.95	56	3549	1.232	ug/l #	17
36) 1,1-Dichloropropene	7.95	75	13303	7.177	ug/l #	49
37) Ethyl Acetate	7.18	43	8446	13.149	ug/l #	66
38) Carbon Tetrachloride	7.95	117	18288	9.442	ug/l #	16
68) m/p-Xylenes	11.83	106	159	1.436	ug/l	83
71) Bromoform	12.62	173	93	3.010	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	32132	41.657	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	32132	104.801	ug/l #	11

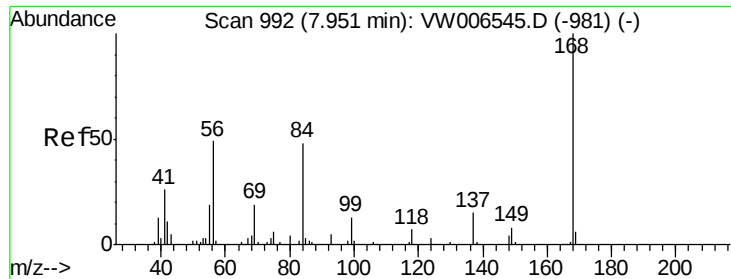
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110218\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006573.D

Acq: 01 Nov 2018 21:16

Instrument :

MSVOA_W

ClientSampleId :

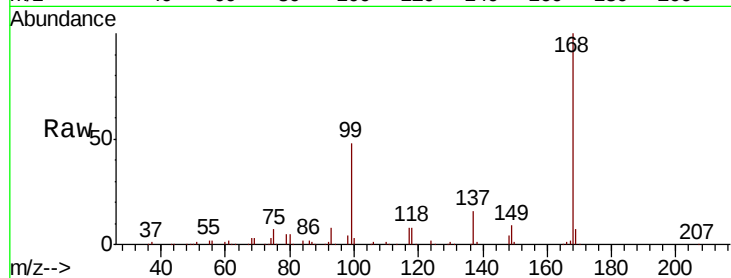
SI-5

Tgt Ion:168 Resp: 210327

Ion Ratio Lower Upper

168 100

99 48.5 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

40000

20000

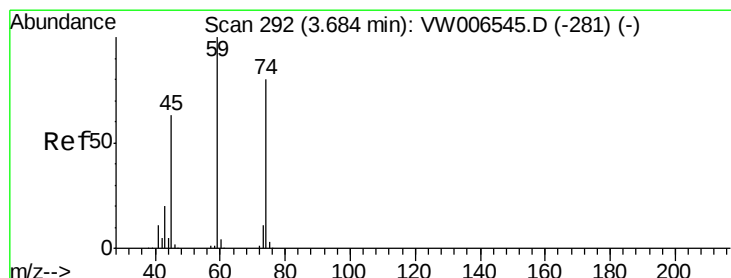
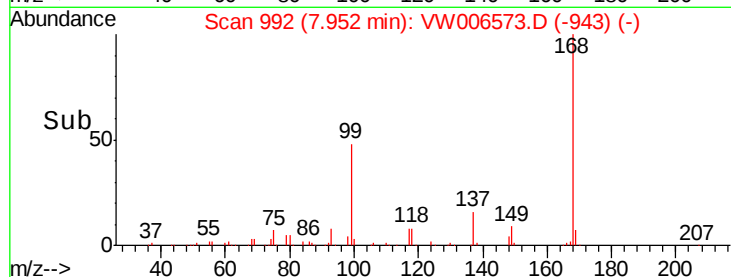
0

Time-->

7.90

8.00

8.10



#8

Diethyl Ether

Concen: 1.155 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW006573.D

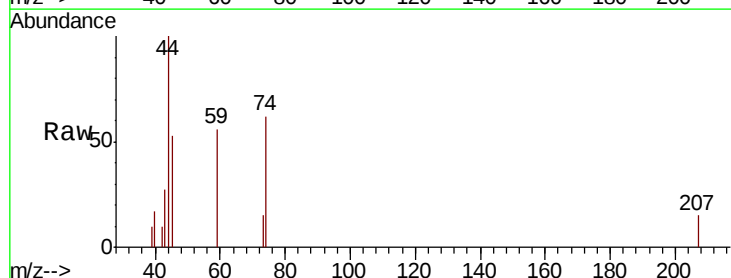
Acq: 01 Nov 2018 21:16

Tgt Ion: 74 Resp: 1050

Ion Ratio Lower Upper

74 100

45 109.1 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.67

500

400

300

200

100

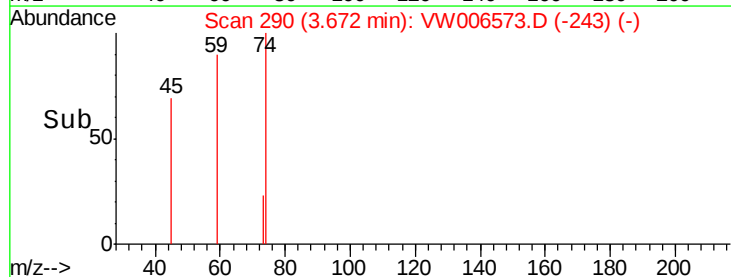
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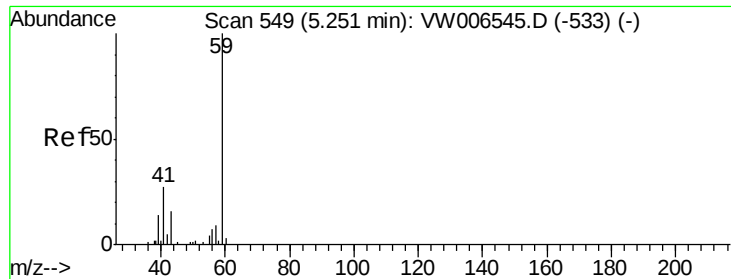
Time-->

3.60

3.65

3.70

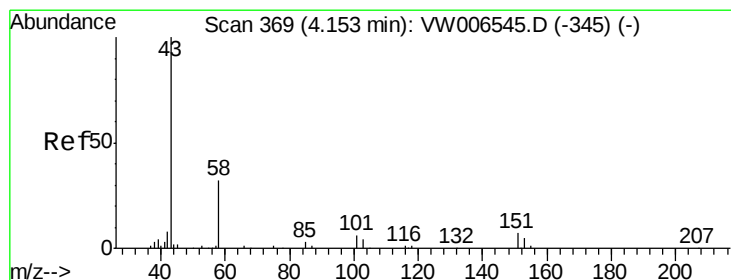
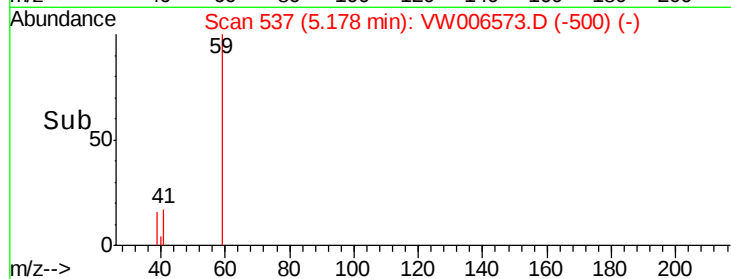
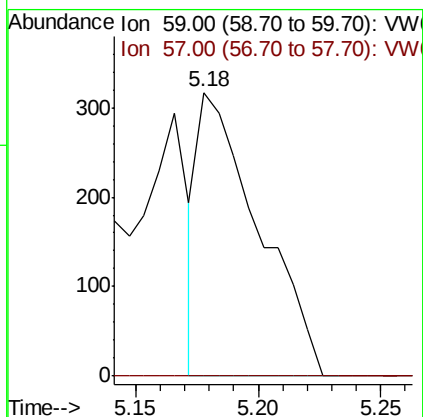
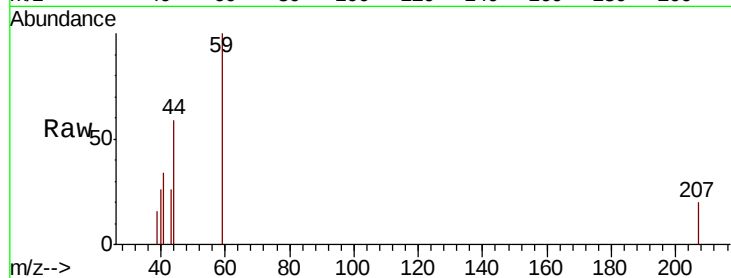




#11
Tert butyl alcohol
Concen: 5.574 ug/l
RT: 5.18 min Scan# 537
Delta R.T. -0.07 min
Lab File: VW006573.D
Acq: 01 Nov 2018 21:16

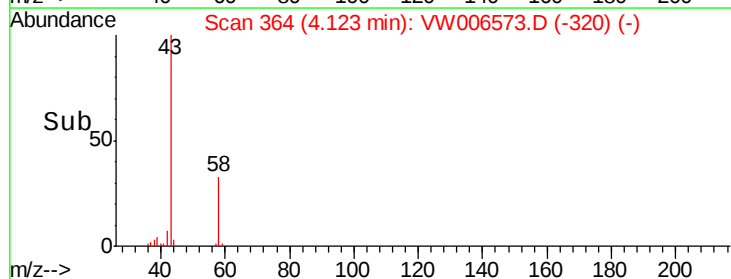
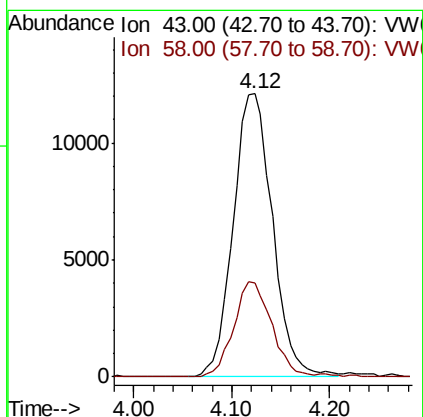
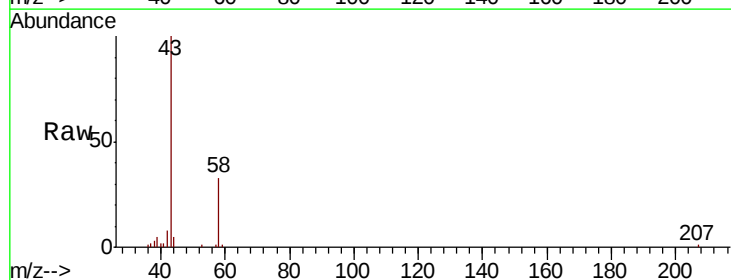
Instrument :
MSVOA_W
ClientSampled :
SI-5

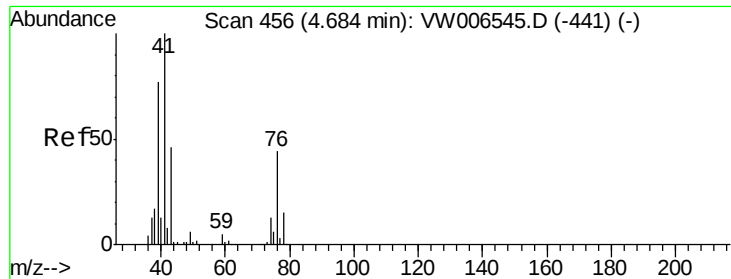
Tgt Ion: 59 Resp: 543
Ion Ratio Lower Upper
59 100
57 0.0 4.3 6.5#



#16
Acetone
Concen: 115.624 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.03 min
Lab File: VW006573.D
Acq: 01 Nov 2018 21:16

Tgt Ion: 43 Resp: 33750
Ion Ratio Lower Upper
43 100
58 33.2 25.8 38.8

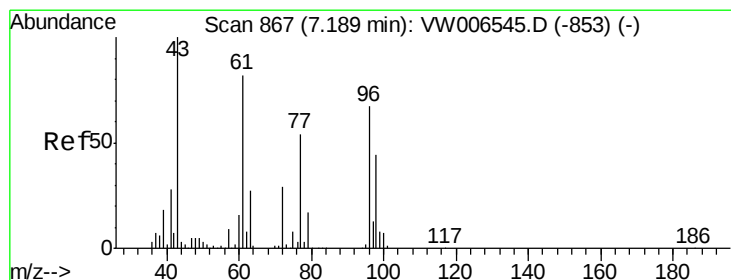
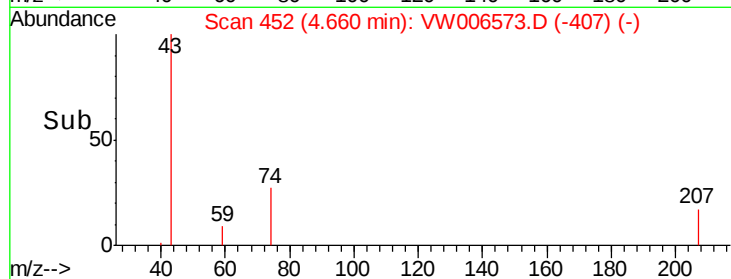
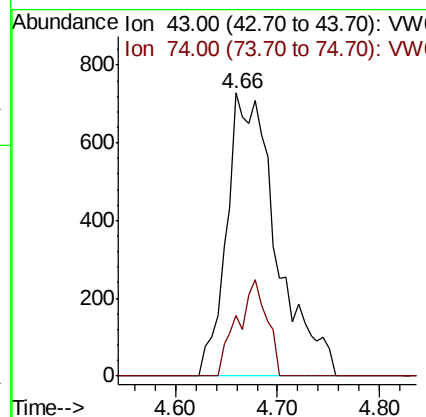
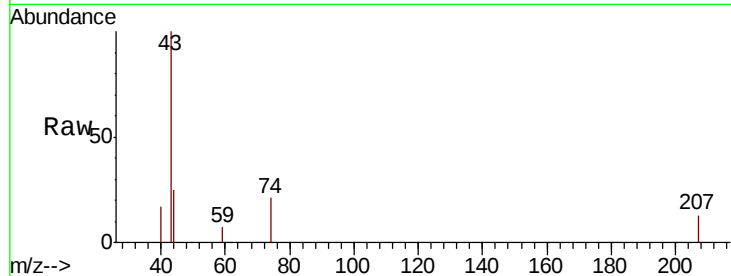




#18
Methyl Acetate
Concen: 2.924 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.02 min
Lab File: VW006573.D
Acq: 01 Nov 2018 21:16

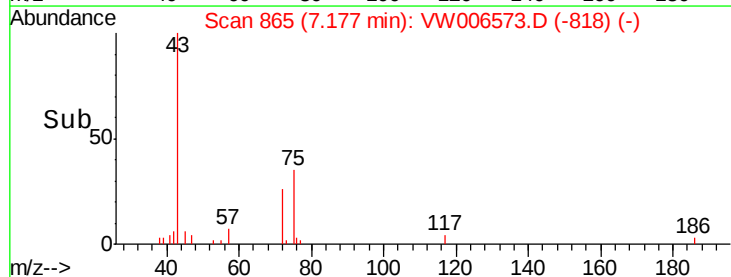
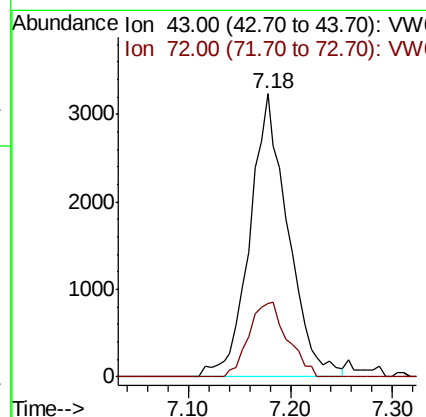
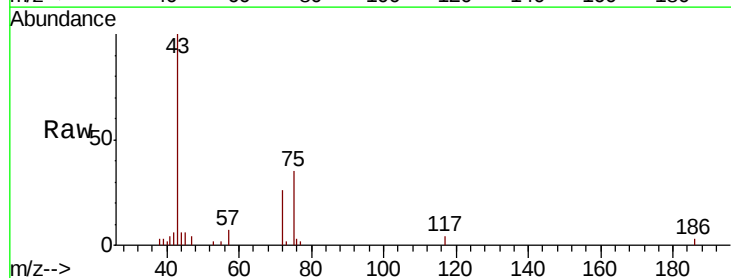
Instrument :
MSVOA_W
ClientSampled :
SI-5

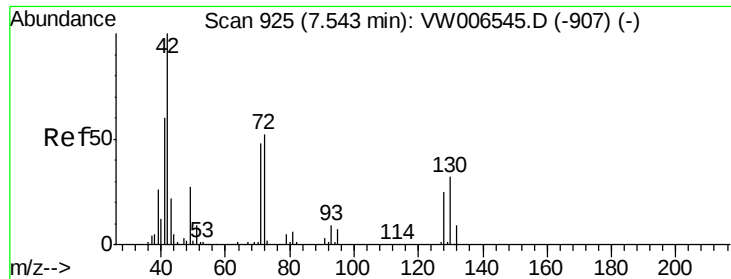
Tgt Ion: 43 Resp: 2454
Ion Ratio Lower Upper
43 100
74 20.4 21.9 32.9#



#25
2-Butanone
Concen: 20.277 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.01 min
Lab File: VW006573.D
Acq: 01 Nov 2018 21:16

Tgt Ion: 43 Resp: 8446
Ion Ratio Lower Upper
43 100
72 25.9 23.2 34.8





#29

Tetrahydrofuran

Concen: 1.031 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.01 min

Lab File: VW006573.D

Acq: 01 Nov 2018 21:16

Instrument :

MSVOA_W

ClientSampleId :

SI-5

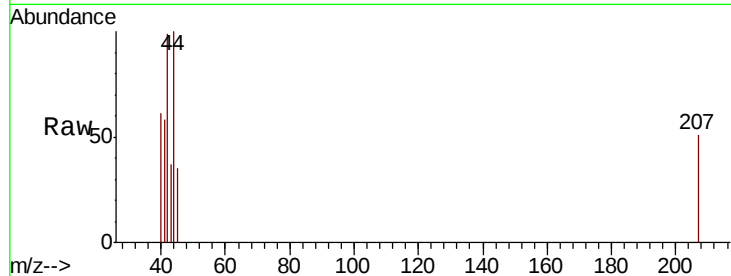
Tgt Ion: 42 Resp: 270

Ion Ratio Lower Upper

42 100

72 9.6 39.2 58.8#

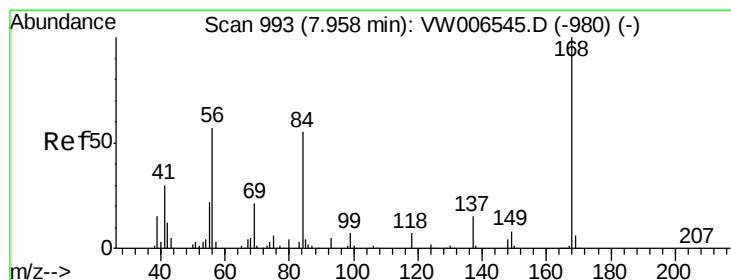
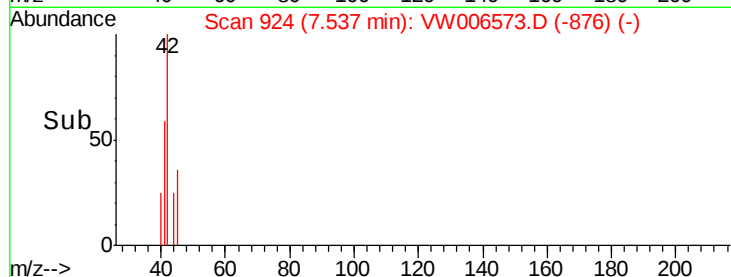
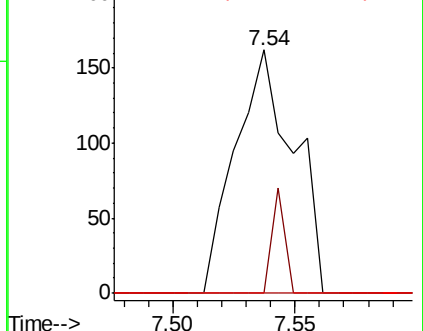
71 0.0 37.6 56.4#



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: 1.232 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006573.D

Acq: 01 Nov 2018 21:16

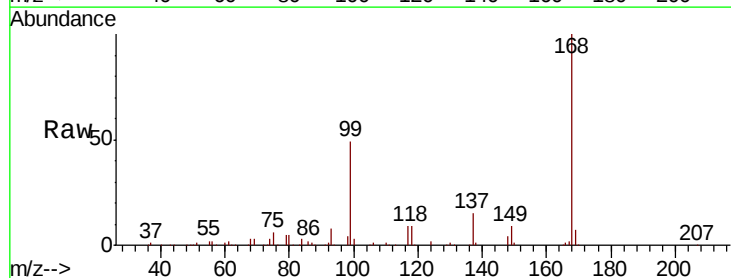
Tgt Ion: 56 Resp: 3549

Ion Ratio Lower Upper

56 100

69 156.3 29.0 43.4#

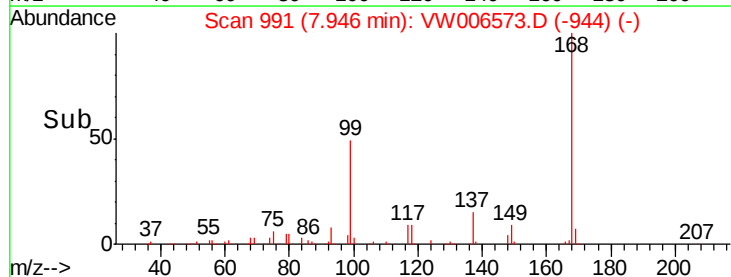
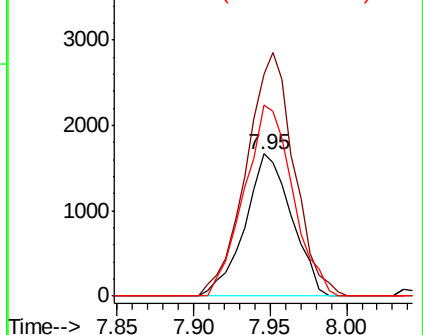
84 134.6 77.8 116.6#

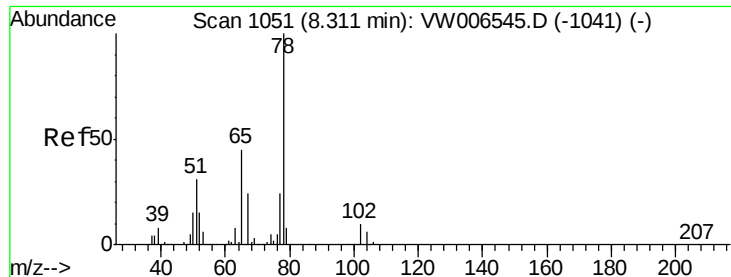


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

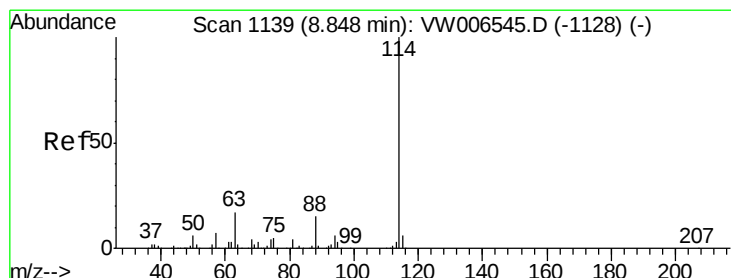
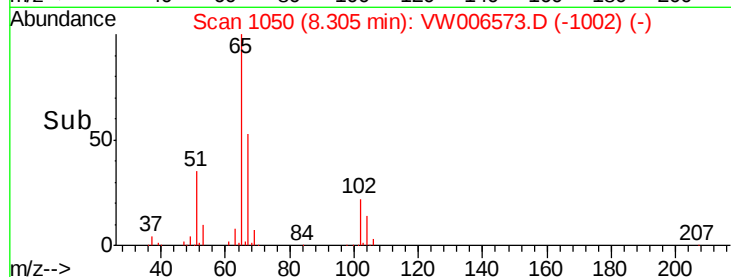
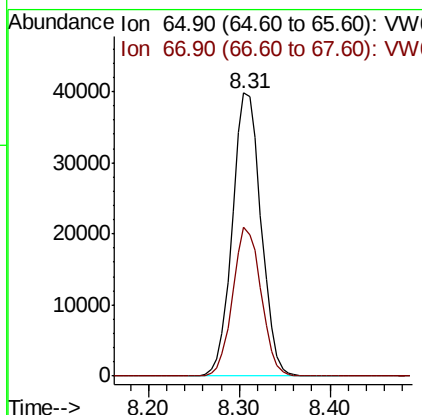
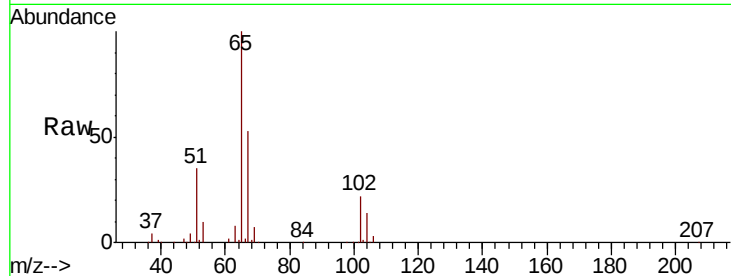




#33
 1,2-Dichloroethane-d4
 Concen: 48.708 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006573.D
 Acq: 01 Nov 2018 21:16

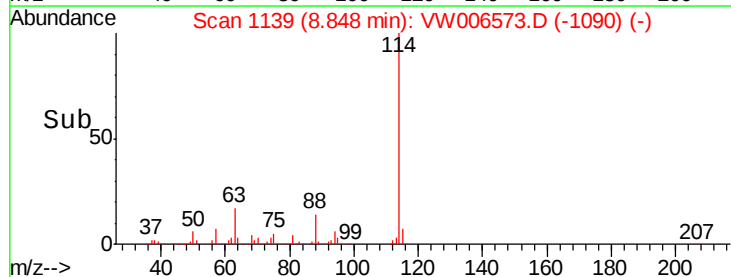
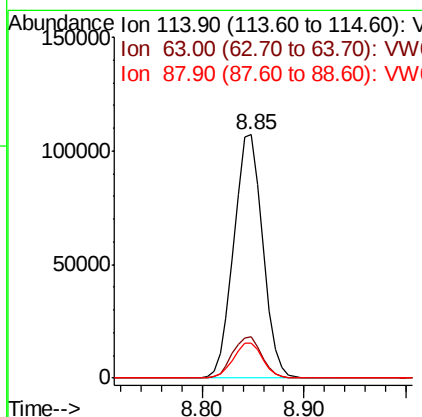
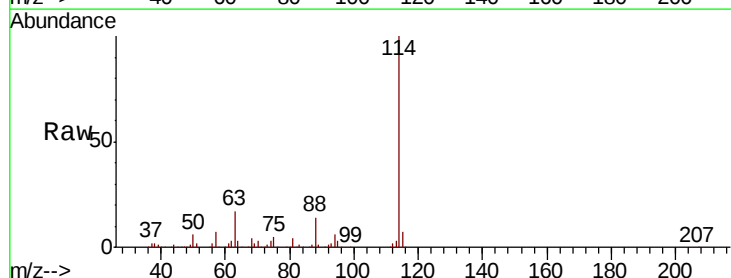
Instrument :
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 ClientSampleId :
 SI-5

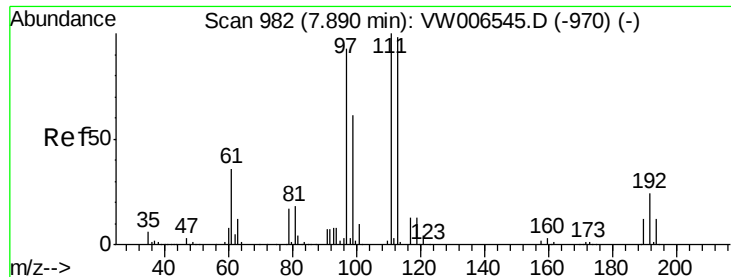
Tgt Ion: 65 Resp: 88062
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006573.D
 Acq: 01 Nov 2018 21:16

Tgt Ion: 114 Resp: 210771
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 34.4
 88 14.2 0.0 29.0

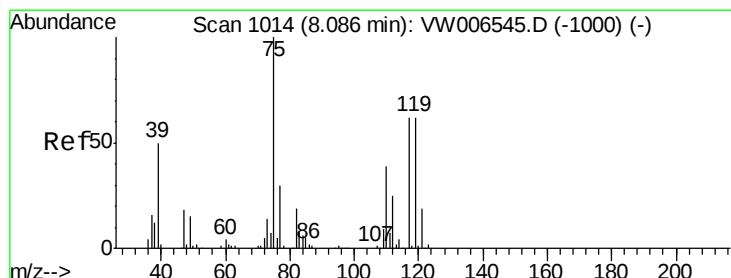
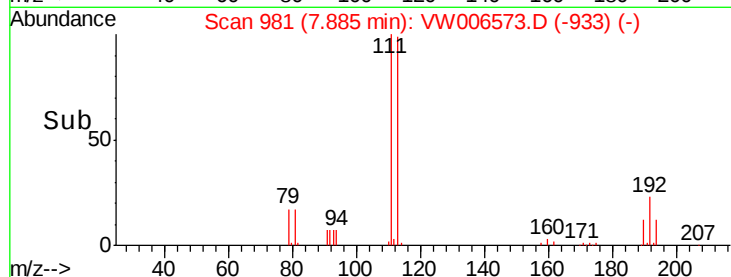
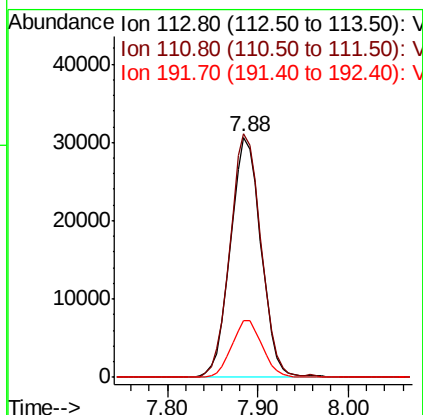
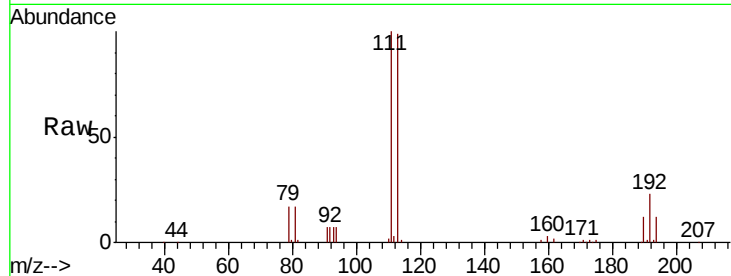




#35
 Dibromofluoromethane
 Concen: 54.225 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006573.D
 Acq: 01 Nov 2018 21:16

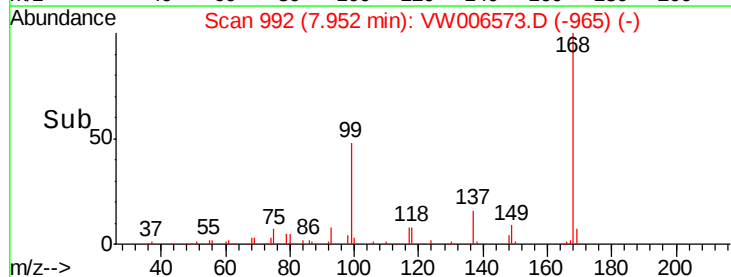
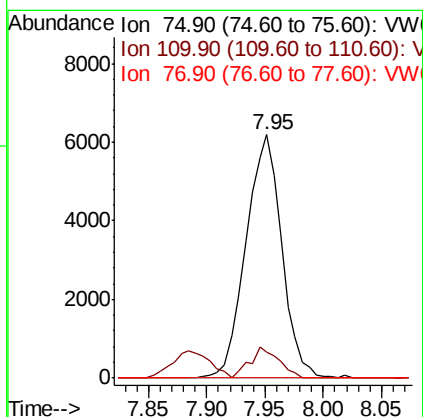
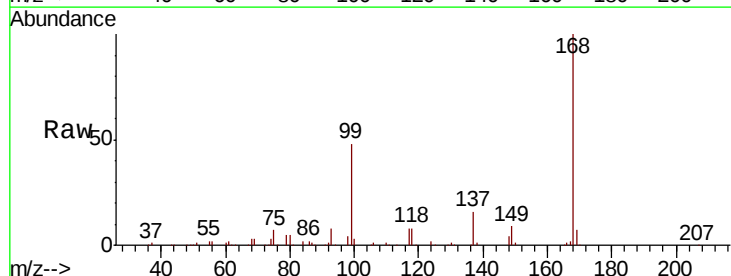
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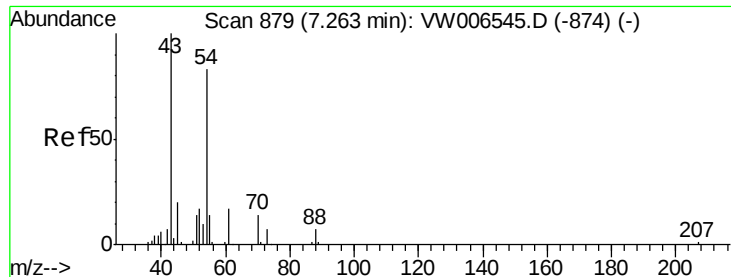
Tgt Ion:113 Resp: 71726
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.2 123.2
 192 23.5 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 7.177 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006573.D
 Acq: 01 Nov 2018 21:16

Tgt Ion: 75 Resp: 13303
 Ion Ratio Lower Upper
 75 100
 110 10.1 19.5 58.5#
 77 0.0 24.6 37.0#

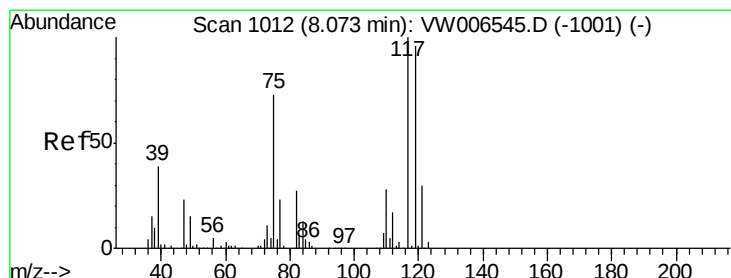
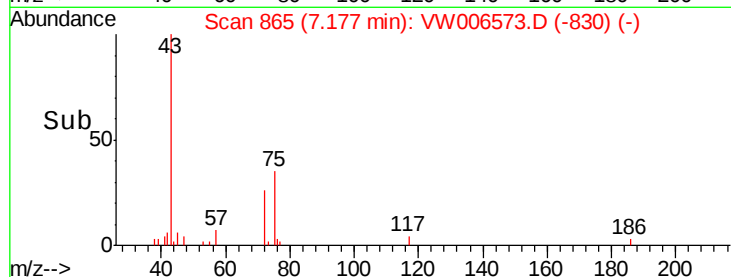
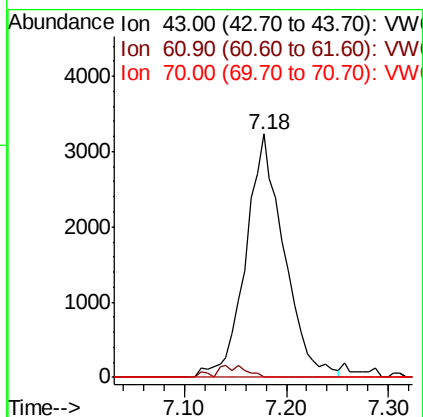
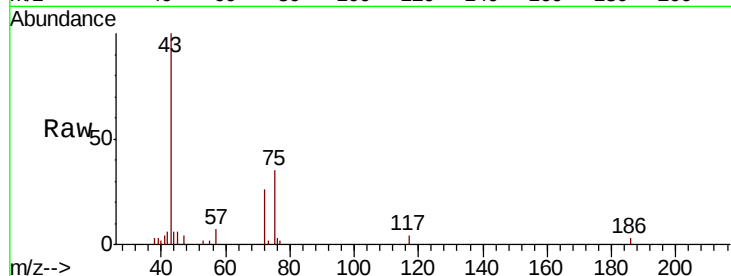




#37
 Ethyl Acetate
 Concen: 13.149 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.09 min
 Lab File: VW006573.D
 Acq: 01 Nov 2018 21:16

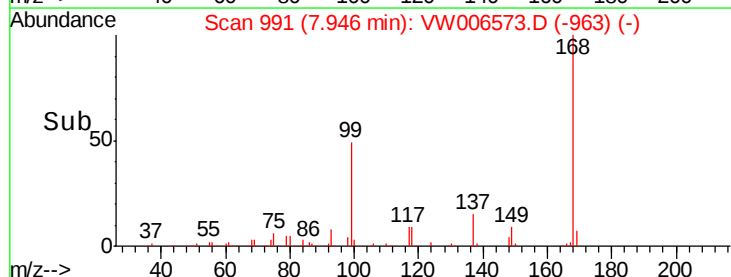
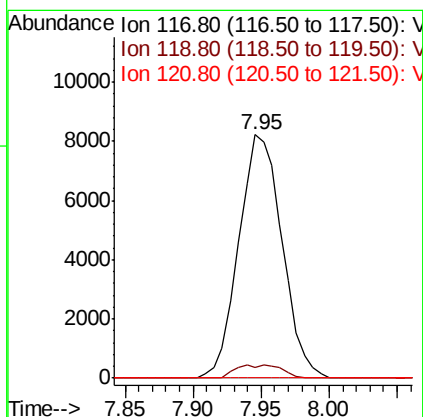
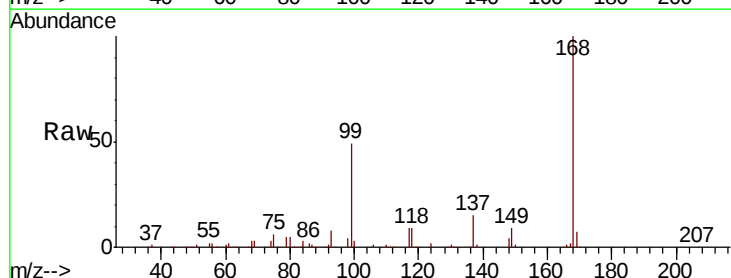
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 MSVOA_W
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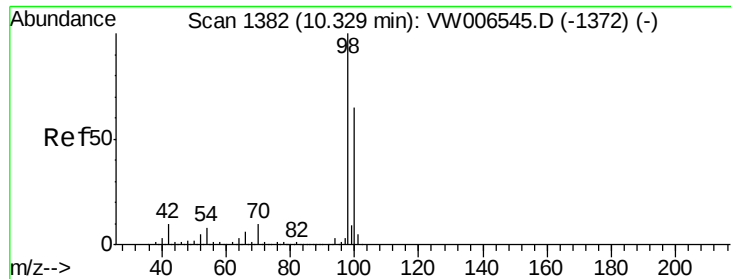
Tgt Ion: 43 Resp: 8446
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.1 18.1#
 70 0.0 9.8 14.6#



#38
 Carbon Tetrachloride
 Concen: 9.442 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW006573.D
 Acq: 01 Nov 2018 21:16

Tgt Ion: 117 Resp: 18288
 Ion Ratio Lower Upper
 117 100
 119 4.4 76.3 114.5#
 121 0.0 24.1 36.1#





#50

Toluene-d8

Concen: 1.130 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006573.D

Acq: 01 Nov 2018 21:16

Instrument :

MSVOA_W

ClientSampleId :

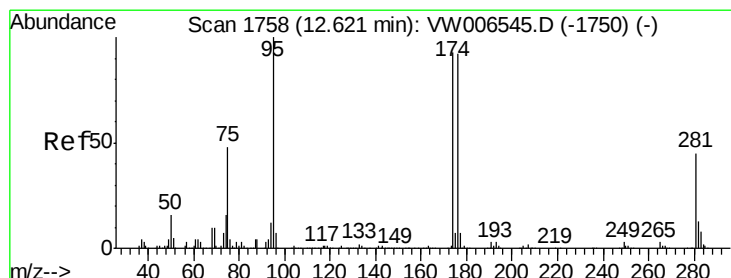
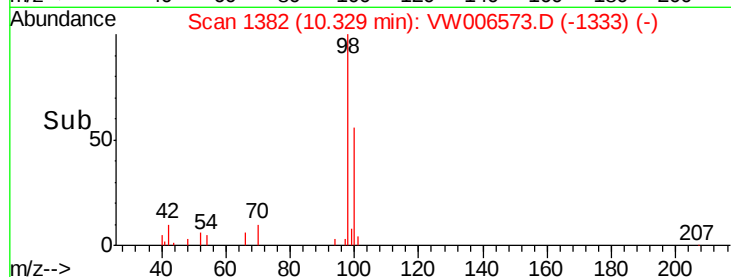
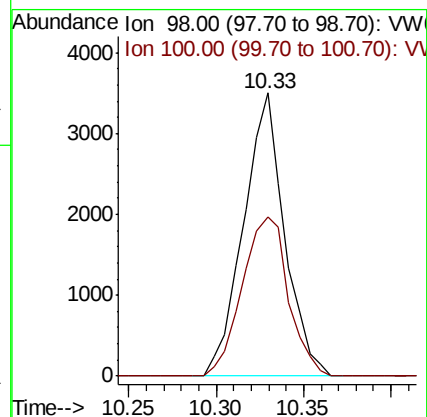
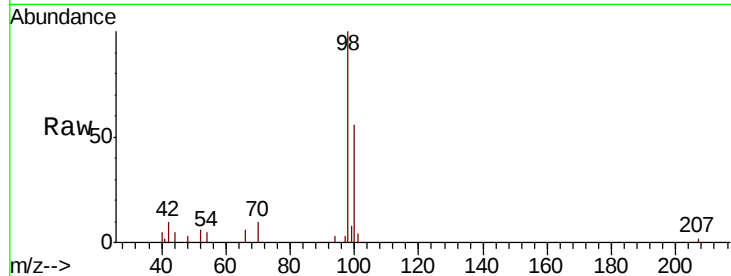
SI-5

Tgt Ion: 98 Resp: 5689

Ion Ratio Lower Upper

98 100

100 63.3 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 34.885 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006573.D

Acq: 01 Nov 2018 21:16

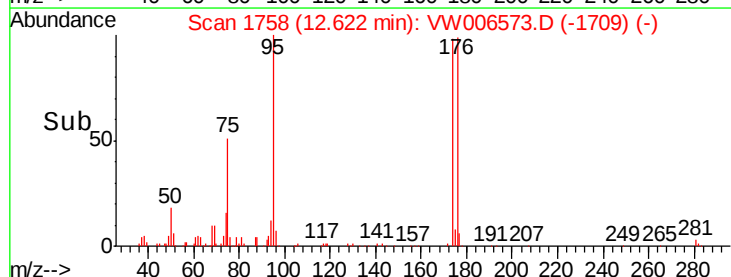
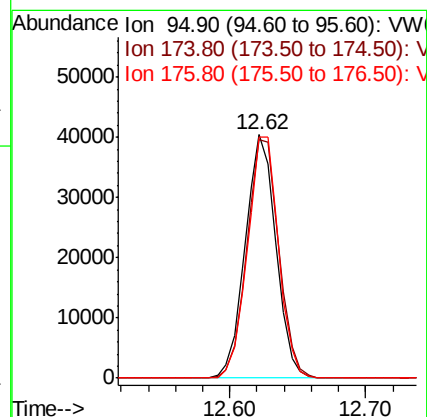
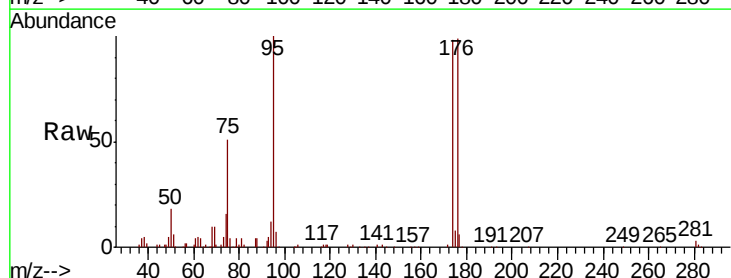
Tgt Ion: 95 Resp: 63685

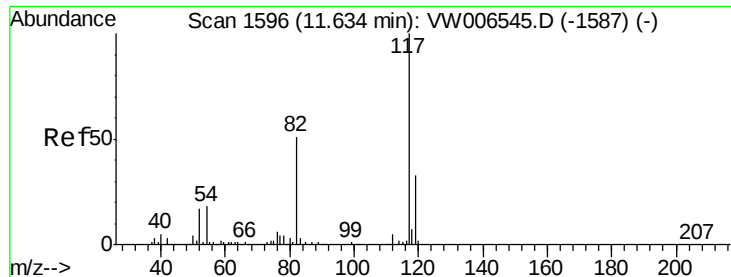
Ion Ratio Lower Upper

95 100

174 102.1 0.0 192.4

176 100.5 0.0 187.4

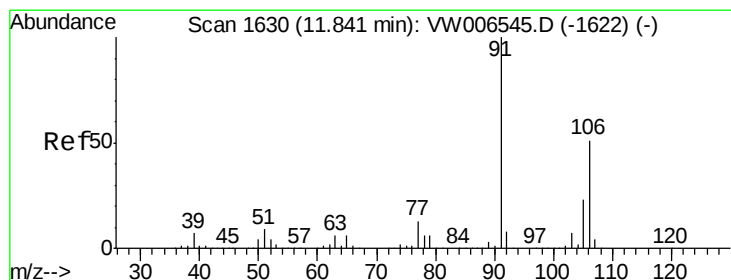
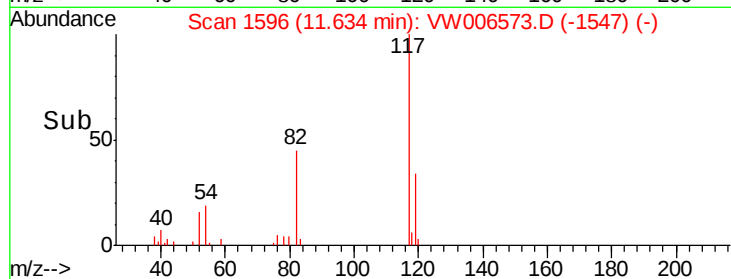
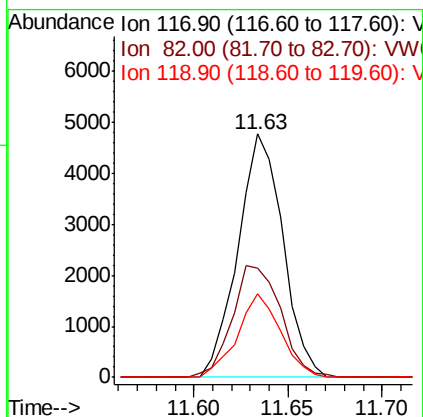
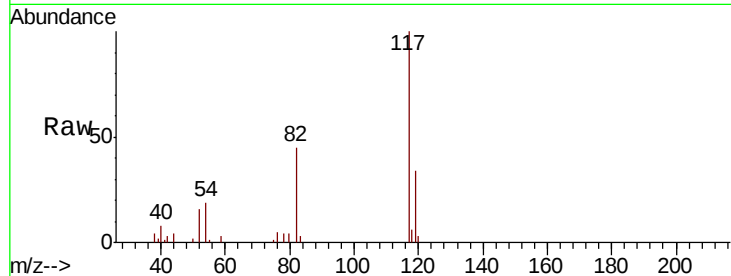




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006573.D
Acq: 01 Nov 2018 21:16

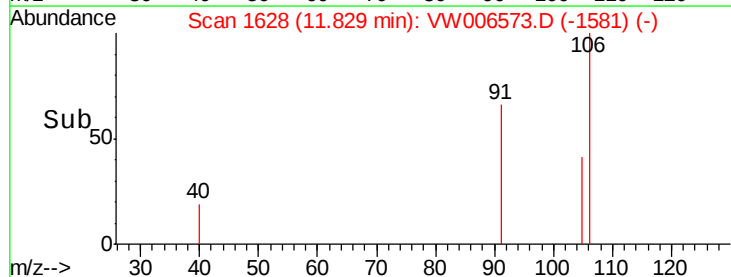
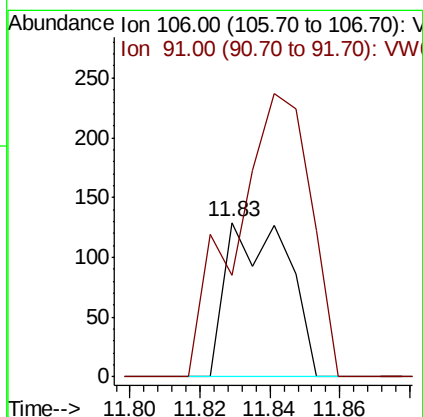
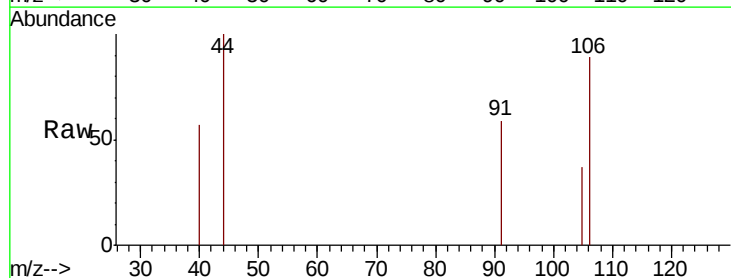
Instrument :
MSVOA_W
ClientSampled :
SI-5

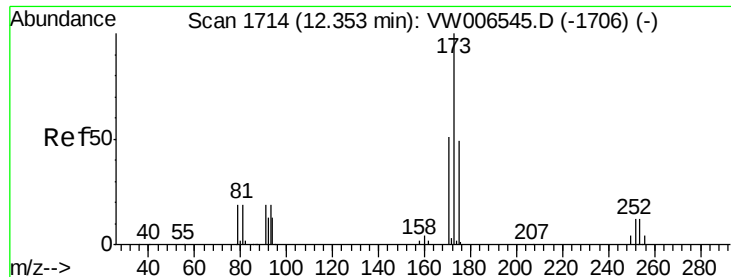
Tgt Ion:117 Resp: 7880
Ion Ratio Lower Upper
117 100
82 45.1 40.8 61.2
119 34.3 26.1 39.1



#68
m/p-Xylenes
Concen: 1.436 ug/l
RT: 11.83 min Scan# 1628
Delta R.T. -0.01 min
Lab File: VW006573.D
Acq: 01 Nov 2018 21:16

Tgt Ion:106 Resp: 159
Ion Ratio Lower Upper
106 100
91 220.8 156.7 235.1





#71

Bromoform

Concen: 3.010 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.26 min

Lab File: VW006573.D

Acq: 01 Nov 2018 21:16

Instrument :

MSVOA_W

ClientSampleId :

SI-5

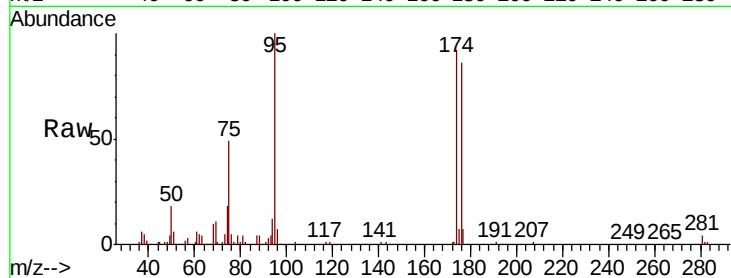
Tgt Ion:173 Resp: 93

Ion Ratio Lower Upper

173 100

175 3812.9 24.1 72.4#

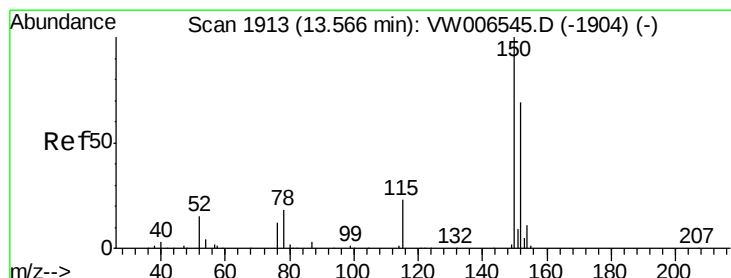
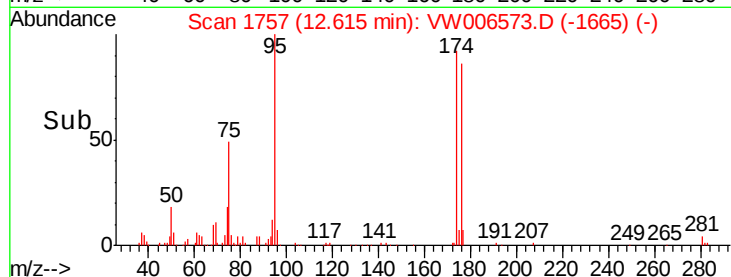
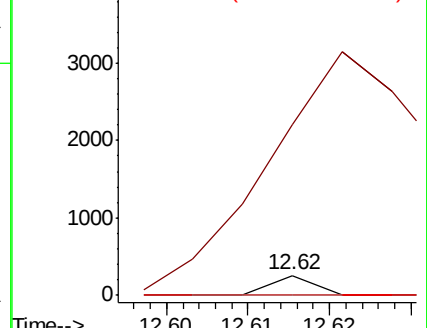
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): 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: VW006573.D

Acq: 01 Nov 2018 21:16

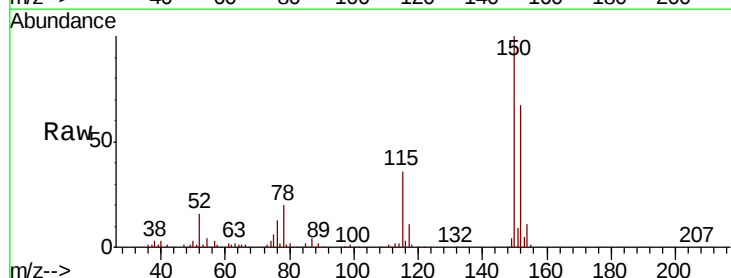
Tgt Ion:152 Resp: 98861

Ion Ratio Lower Upper

152 100

115 54.2 26.6 79.8

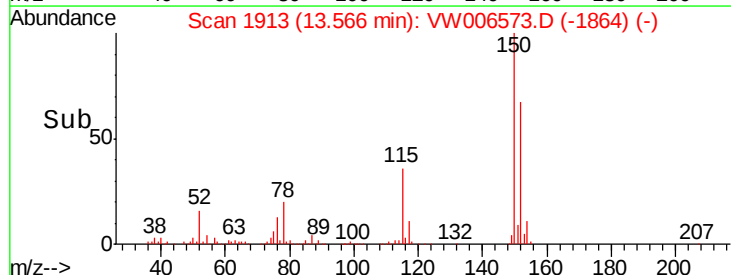
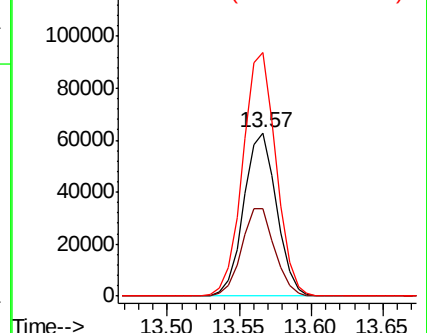
150 151.4 0.0 344.6

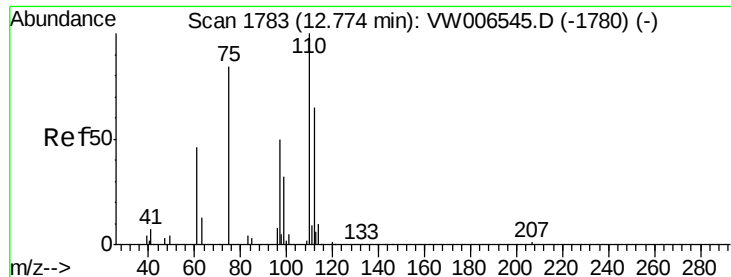


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 41.657 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006573.D

Acq: 01 Nov 2018 21:16

Instrument :

MSVOA_W

ClientSampleId :

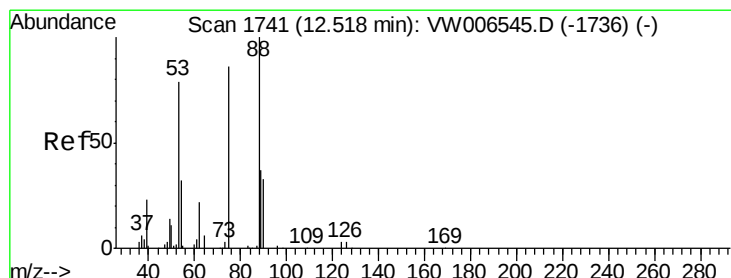
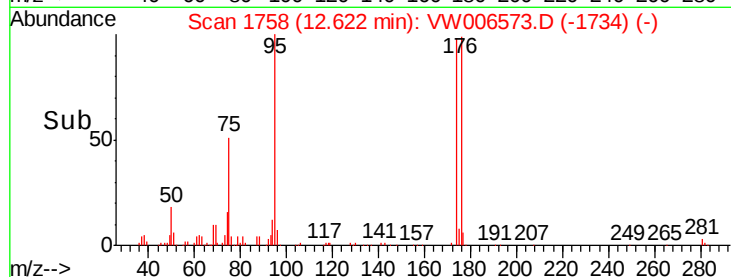
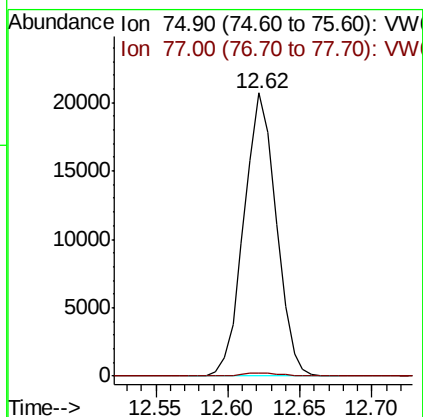
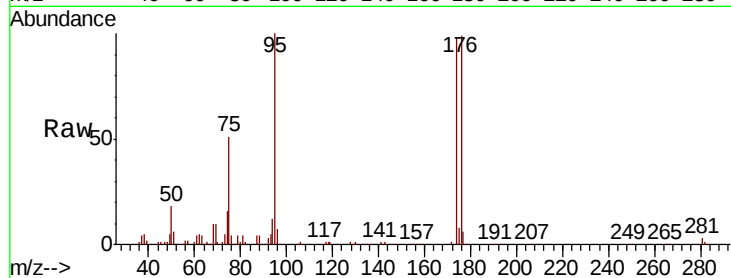
SI-5

Tgt Ion: 75 Resp: 32132

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 104.801 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006573.D

Acq: 01 Nov 2018 21:16

Tgt Ion: 75 Resp: 32132

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.0 38.6 58.0#

