

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007594.D
 Acq On : 15 Dec 2018 20:28
 Operator : SY/AP
 Sample : J6322-10RE
 Misc : 7.25G/5ML/MSVOA_W/SOIL
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-2A-G-2-120718

Quant Time: Dec 15 21:56:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	77552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	135422	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	110481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	51006	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	50170	58.31	ug/l	0.00
Spiked Amount			Recovery	=	116.62%	
35) Dibromofluoromethane	7.88	113	45875	55.96	ug/l	0.00
Spiked Amount			Recovery	=	111.92%	
50) Toluene-d8	10.32	98	135149	43.97	ug/l	0.00
Spiked Amount			Recovery	=	87.94%	
62) 4-Bromofluorobenzene	12.62	95	59298	52.47	ug/l	0.00
Spiked Amount			Recovery	=	104.94%	

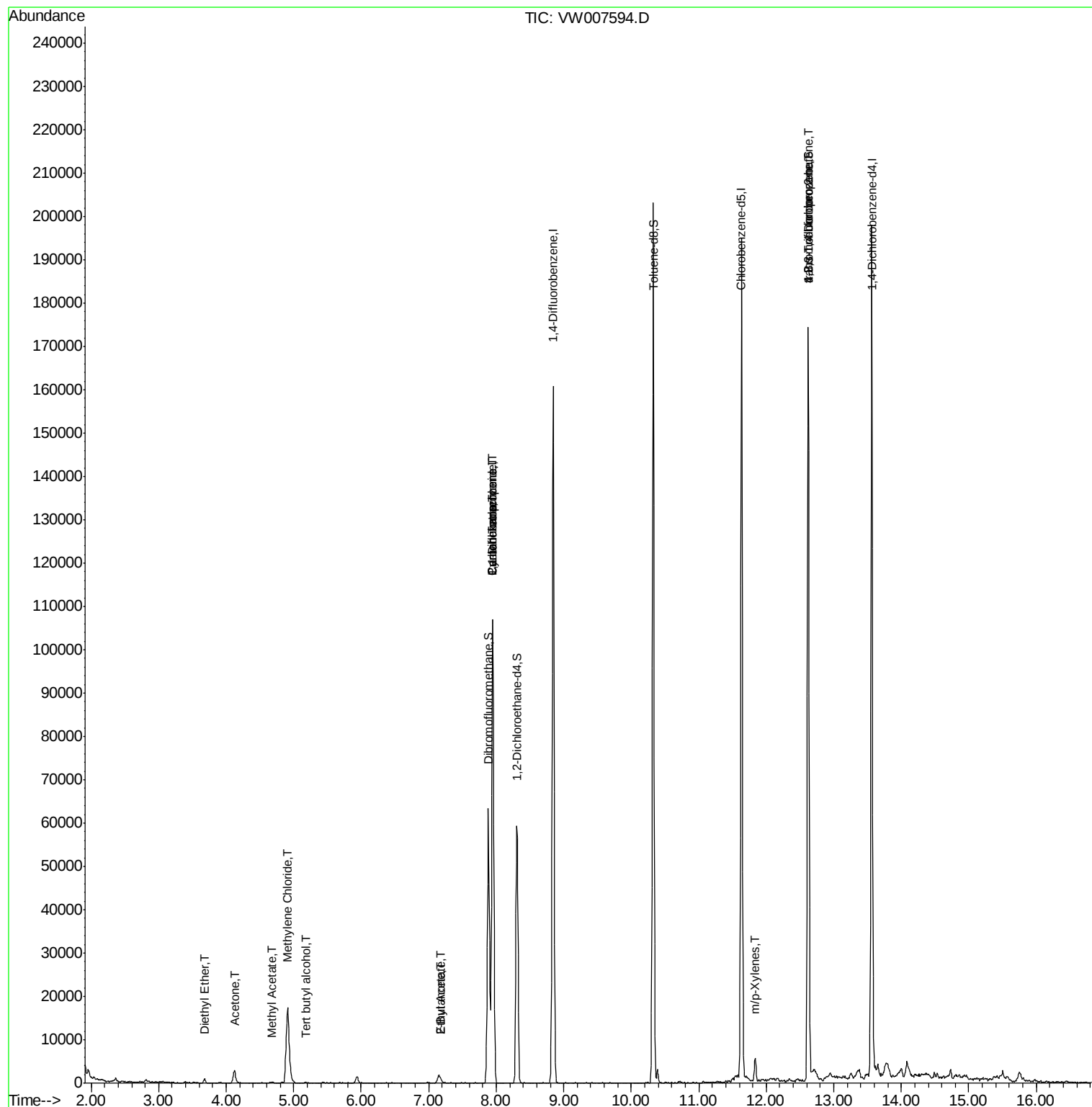
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	402	1.073	ug/l	75
11) Tert butyl alcohol	5.17	59	123	2.082	ug/l #	74
16) Acetone	4.12	43	4832	32.153	ug/l	91
18) Methyl Acetate	4.67	43	564	1.383	ug/l #	49
20) Methylene Chloride	4.91	84	14172	14.460	ug/l	96
25) 2-Butanone	7.18	43	1510	7.696	ug/l	94
31) Cyclohexane	7.95	56	1654	1.237	ug/l #	25
36) 1,1-Dichloropropene	7.95	75	6160	4.986	ug/l #	51
37) Ethyl Acetate	7.18	43	1510	3.286	ug/l #	66
38) Carbon Tetrachloride	7.95	117	8550	6.361	ug/l #	16
68) m/p-Xylenes	11.84	106	1607	1.044	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	29978	71.281	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	29978	157.461	ug/l #	7

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

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Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 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: VW007594.D

Acq: 15 Dec 2018 20:28

Instrument :

MSVOA_W

ClientSampleId :

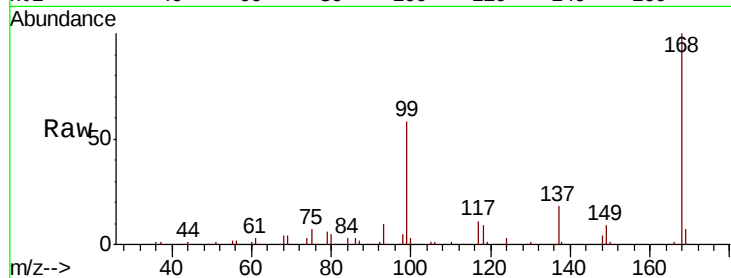
SUP-2A-G-2-120718

Tgt Ion: 168 Resp: 77552

Ion Ratio Lower Upper

168 100

99 58.1 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

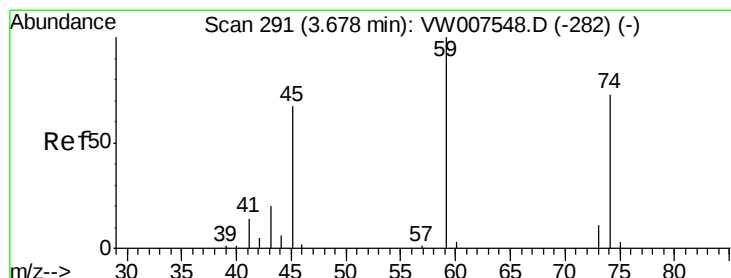
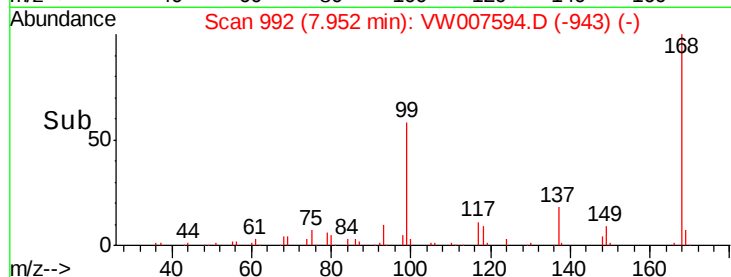
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#8

Diethyl Ether

Concen: 1.073 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW007594.D

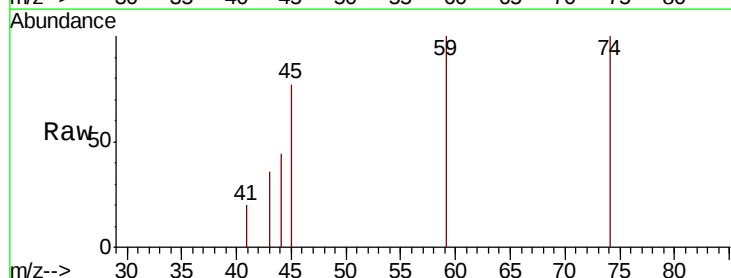
Acq: 15 Dec 2018 20:28

Tgt Ion: 74 Resp: 402

Ion Ratio Lower Upper

74 100

45 109.0 43.0 129.0



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

300

250

200

150

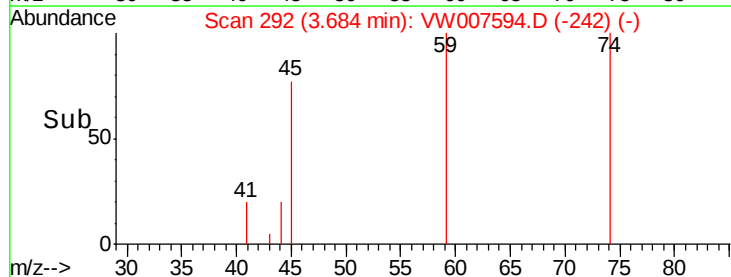
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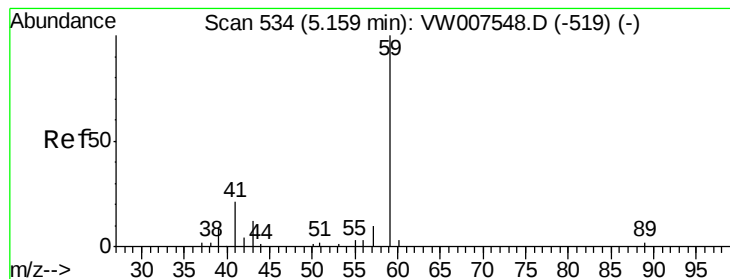
50

0

3.65 3.70

Time-->





#11

Tert butyl alcohol

Concen: 2.082 ug/l

RT: 5.17 min Scan# 536

Delta R.T. 0.01 min

Lab File: VW007594.D

Acq: 15 Dec 2018 20:28

Instrument :

MSVOA_W

ClientSampleId :

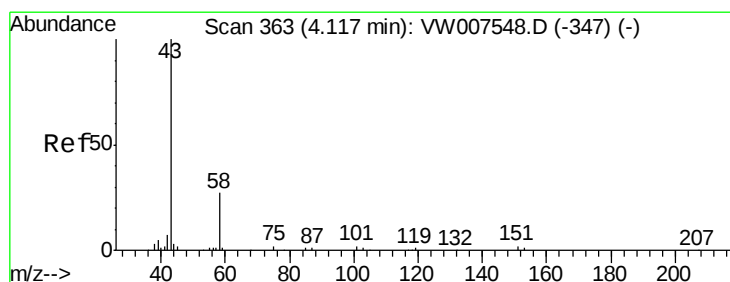
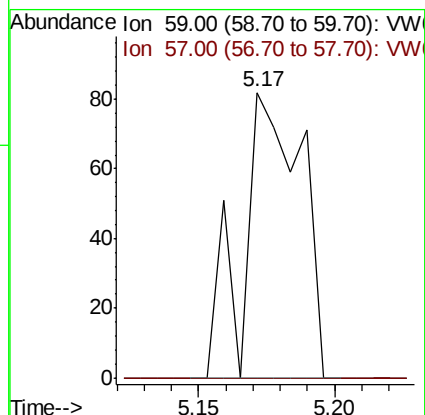
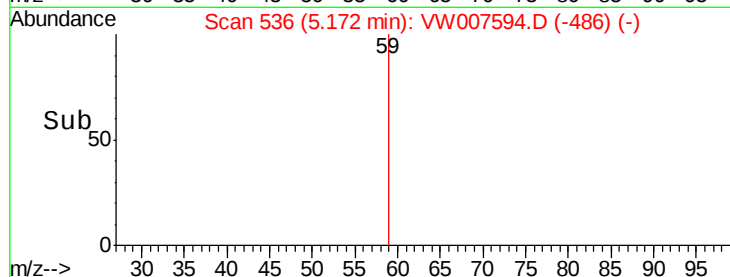
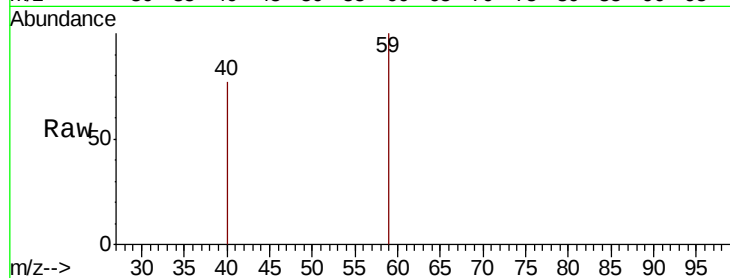
SUP-2A-G-2-120718

Tgt Ion: 59 Resp: 123

Ion Ratio Lower Upper

59 100

57 0.0 7.6 11.4#



#16

Acetone

Concen: 32.153 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007594.D

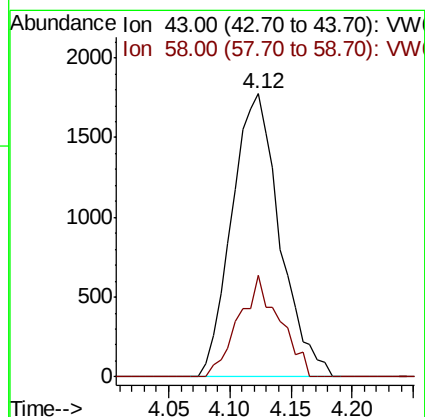
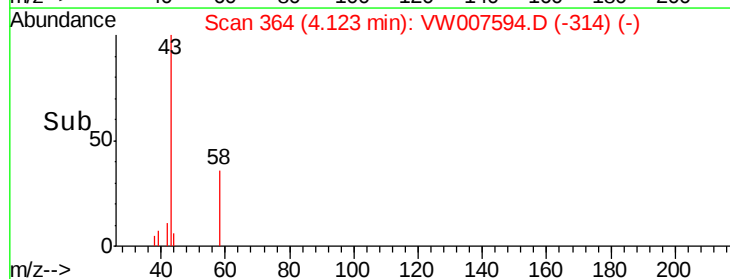
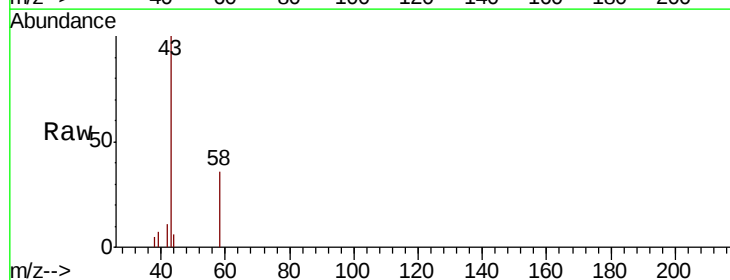
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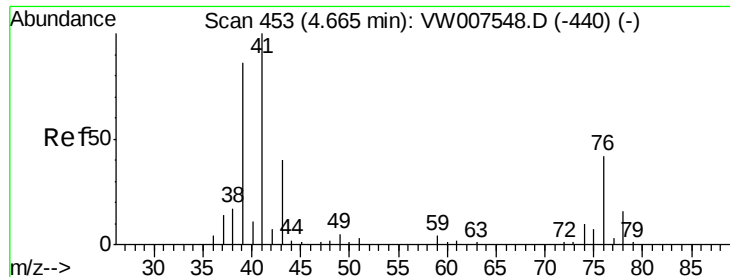
Tgt Ion: 43 Resp: 4832

Ion Ratio Lower Upper

43 100

58 35.9 24.9 37.3

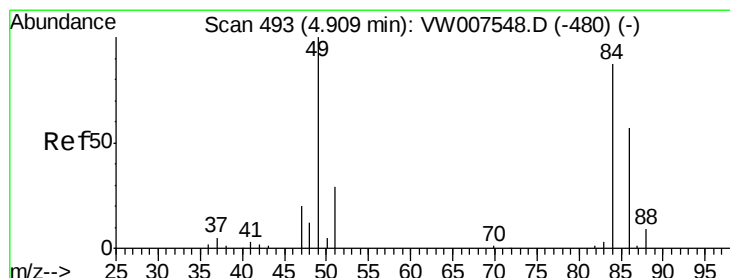
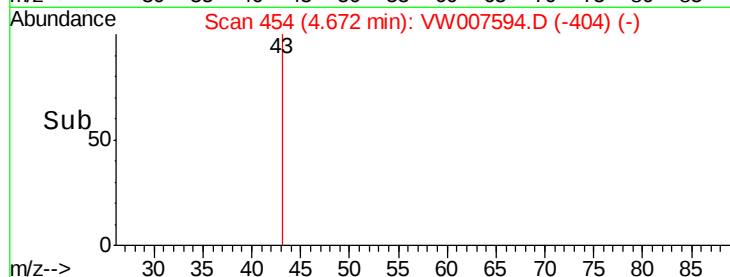
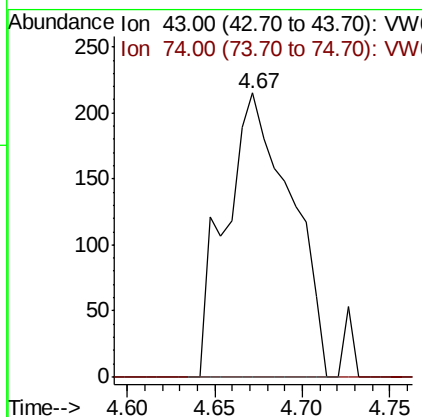
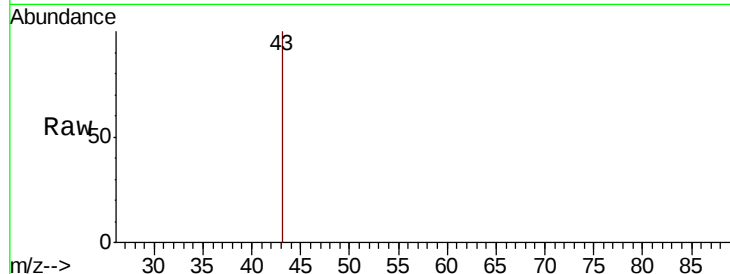




#18
Methyl Acetate
Concen: 1.383 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW007594.D
Acq: 15 Dec 2018 20:28

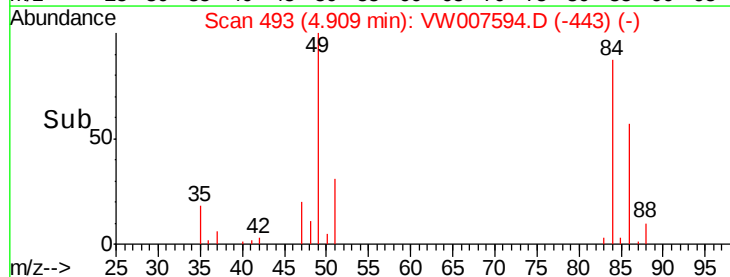
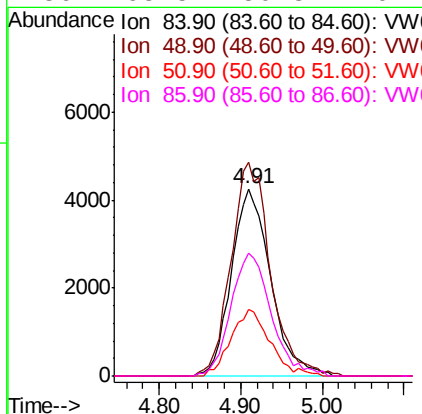
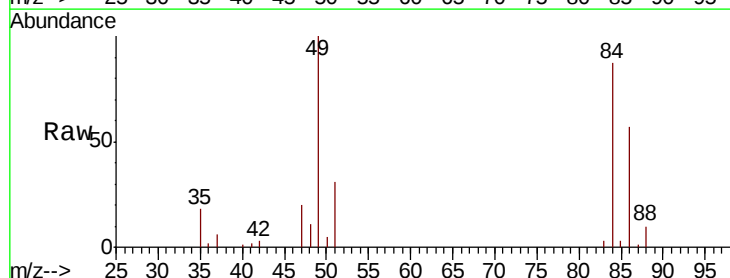
Instrument :
MSVOA_W
ClientSampleId :
SUP-2A-G-2-120718

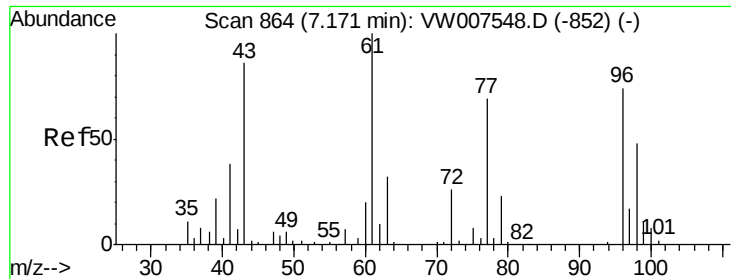
Tgt Ion: 43 Resp: 564
Ion Ratio Lower Upper
43 100
74 0.0 21.1 31.7#



#20
Methylene Chloride
Concen: 14.460 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007594.D
Acq: 15 Dec 2018 20:28

Tgt Ion: 84 Resp: 14172
Ion Ratio Lower Upper
84 100
49 114.3 87.1 130.7
51 35.6 28.2 42.2
86 65.5 50.8 76.2

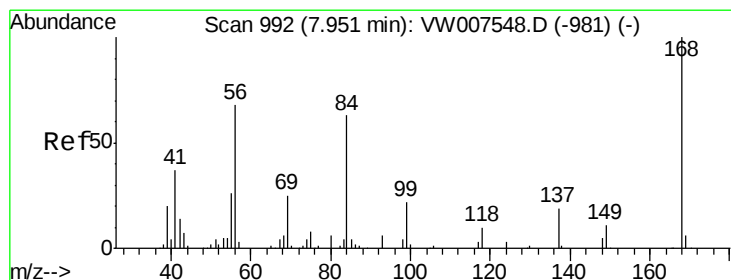
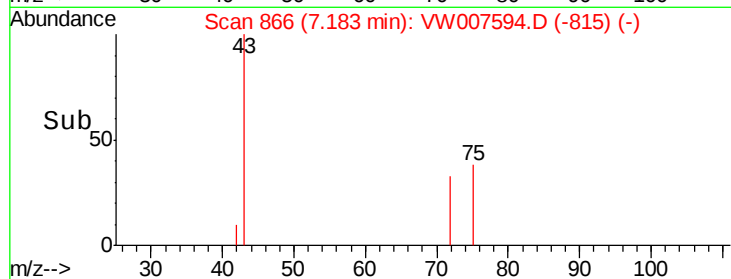
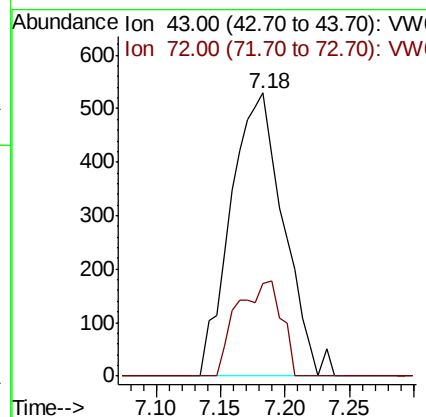
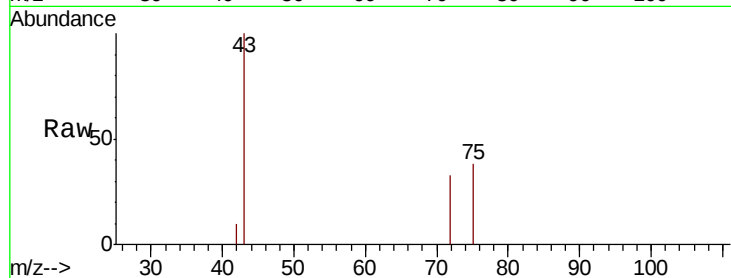




#25
2-Butanone
Concen: 7.696 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW007594.D
Acq: 15 Dec 2018 20:28

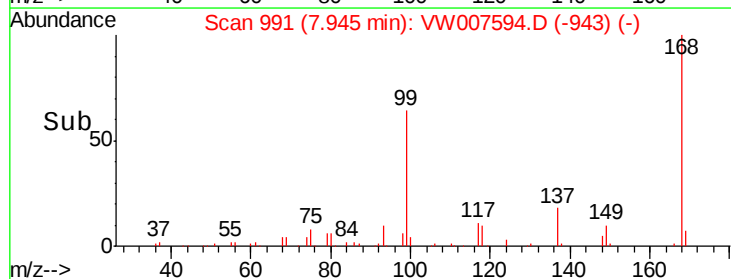
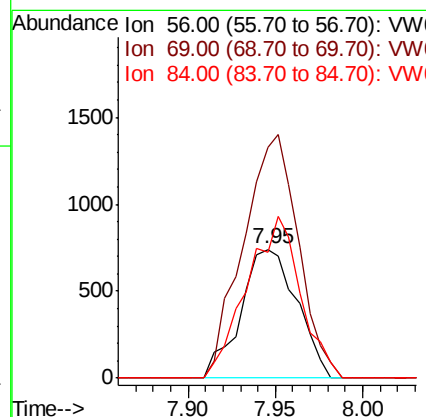
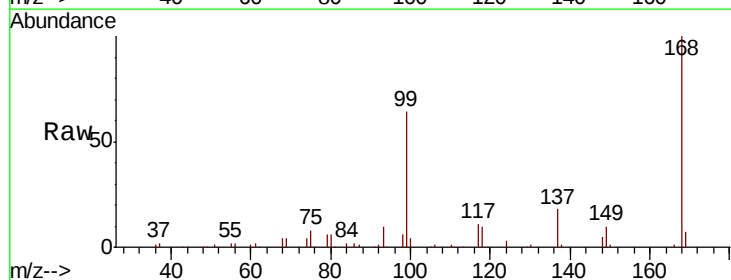
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ClientSampleId :
SUP-2A-G-2-120718

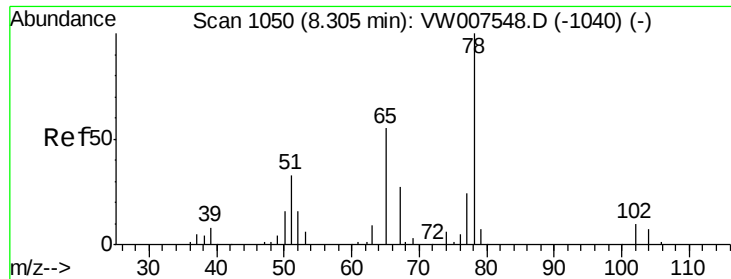
Tgt Ion: 43 Resp: 1510
Ion Ratio Lower Upper
43 100
72 32.5 23.4 35.2



#31
Cyclohexane
Concen: 1.237 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007594.D
Acq: 15 Dec 2018 20:28

Tgt Ion: 56 Resp: 1654
Ion Ratio Lower Upper
56 100
69 178.8 28.9 43.3#
84 97.3 71.8 107.6

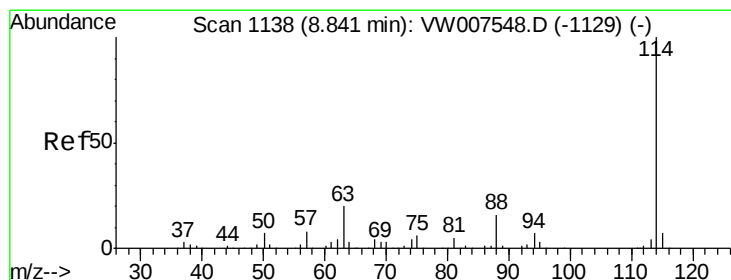
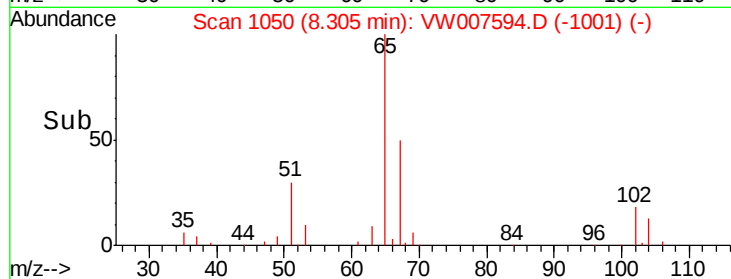
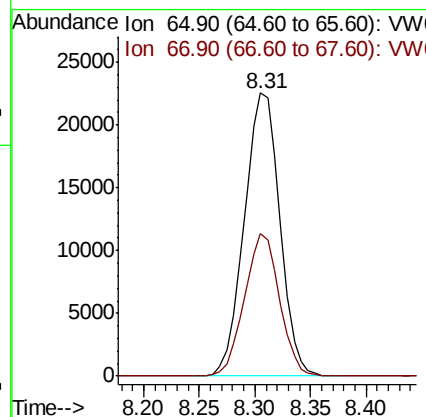
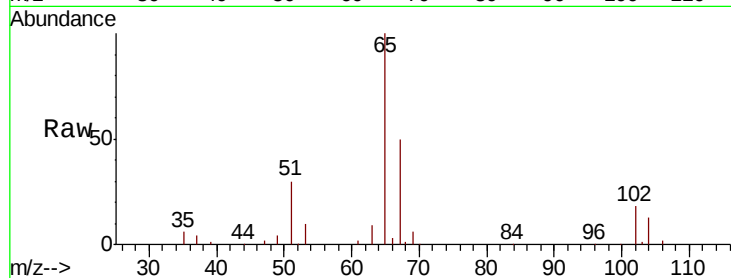




#33
 1,2-Dichloroethane-d4
 Concen: 58.312 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007594.D
 Acq: 15 Dec 2018 20:28

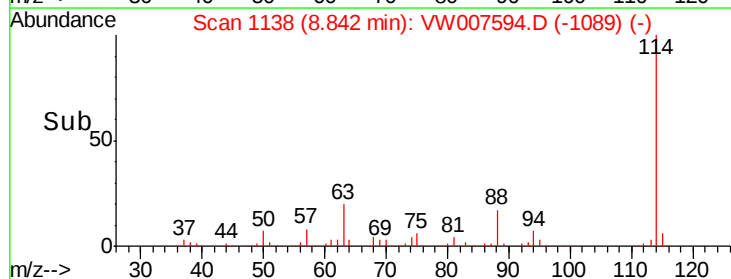
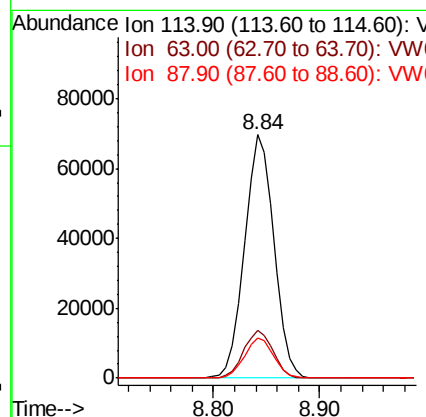
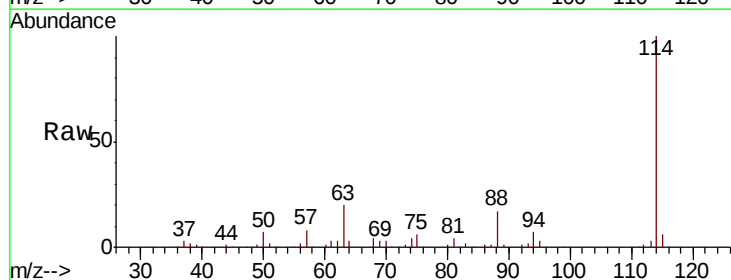
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 SUP-2A-G-2-120718

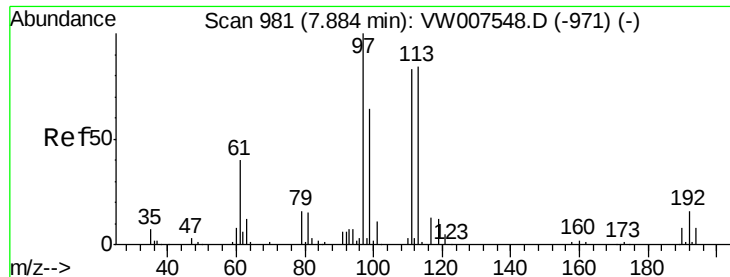
Tgt Ion: 65 Resp: 50170
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007594.D
 Acq: 15 Dec 2018 20:28

Tgt Ion: 114 Resp: 135422
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.6
 88 16.6 0.0 31.4

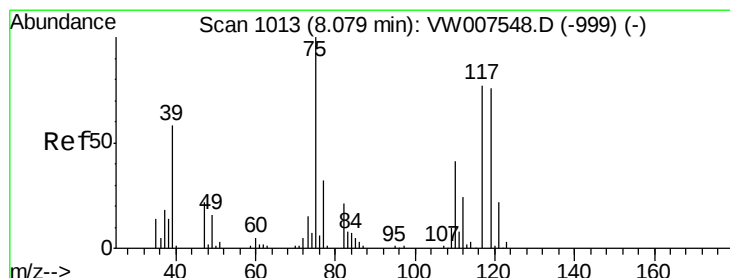
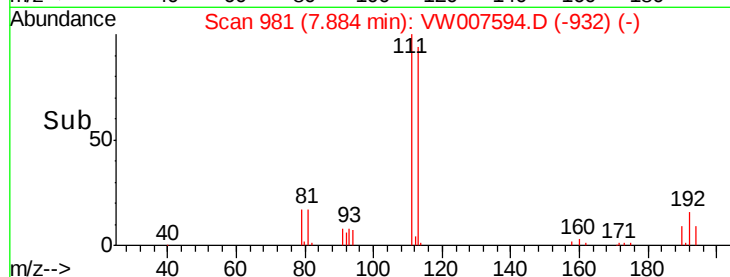
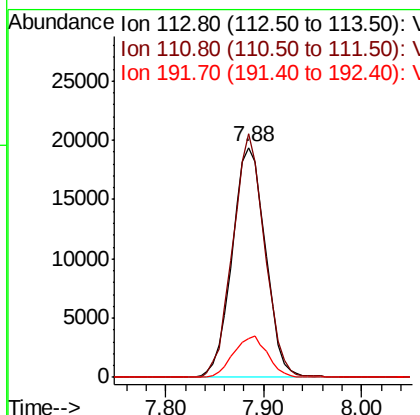
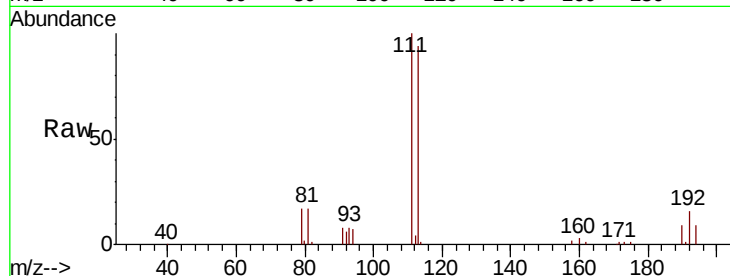




#35
 Dibromofluoromethane
 Concen: 55.961 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007594.D
 Acq: 15 Dec 2018 20:28

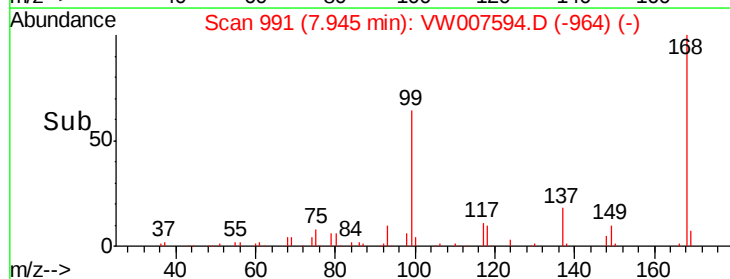
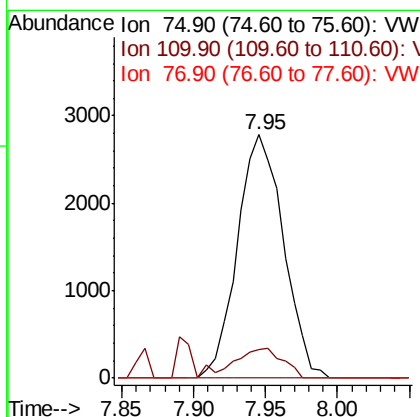
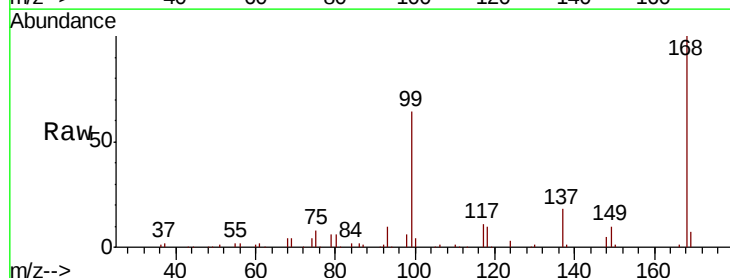
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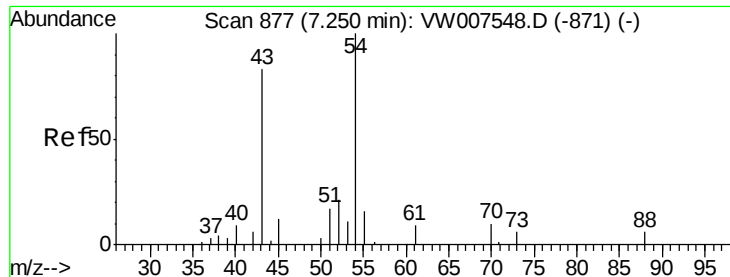
Tgt Ion: 113 Resp: 45875
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.1 121.7
 192 18.1 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 4.986 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007594.D
 Acq: 15 Dec 2018 20:28

Tgt Ion: 75 Resp: 6160
 Ion Ratio Lower Upper
 75 100
 110 11.9 18.5 55.5#
 77 0.0 25.6 38.4#





#37

Ethyl Acetate

Concen: 3.286 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.07 min

Lab File: VW007594.D

Acq: 15 Dec 2018 20:28

Instrument :

MSVOA_W

ClientSampleId :

SUP-2A-G-2-120718

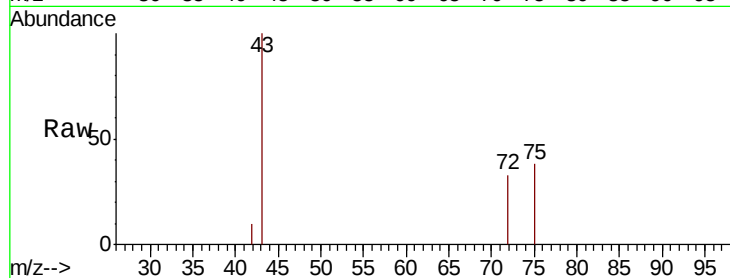
Tgt Ion: 43 Resp: 1510

Ion Ratio Lower Upper

43 100

61 0.0 12.1 18.1#

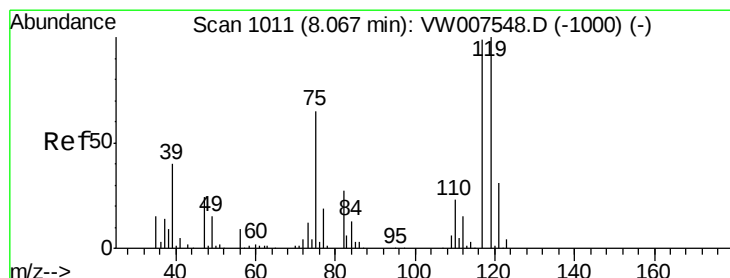
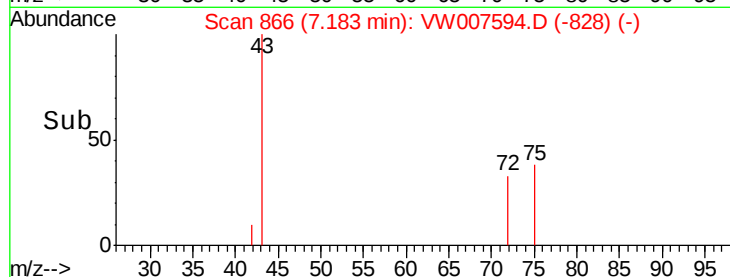
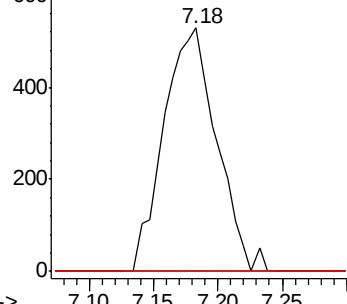
70 0.0 10.0 15.0#



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: 6.361 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW007594.D

Acq: 15 Dec 2018 20:28

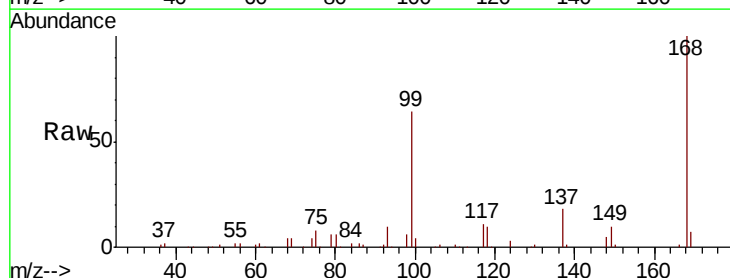
Tgt Ion: 117 Resp: 8550

Ion Ratio Lower Upper

117 100

119 3.6 74.3 111.5#

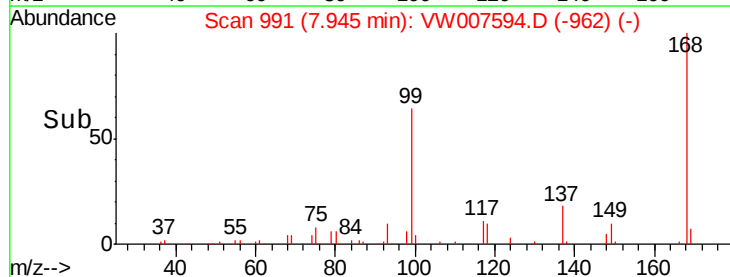
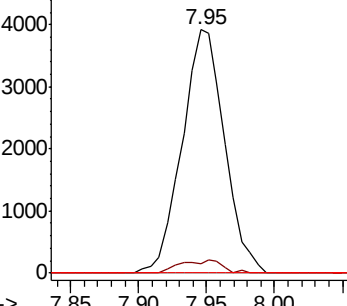
121 0.0 24.3 36.5#

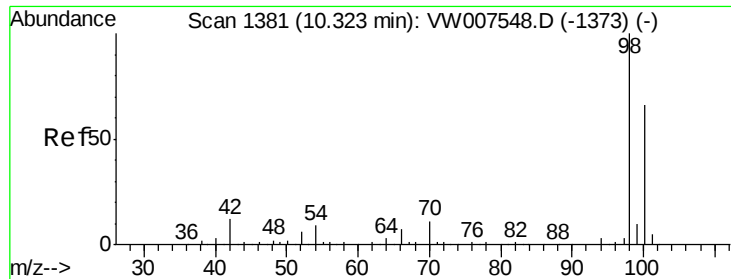


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 43.970 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007594.D

Acq: 15 Dec 2018 20:28

Instrument :

MSVOA_W

ClientSampleId :

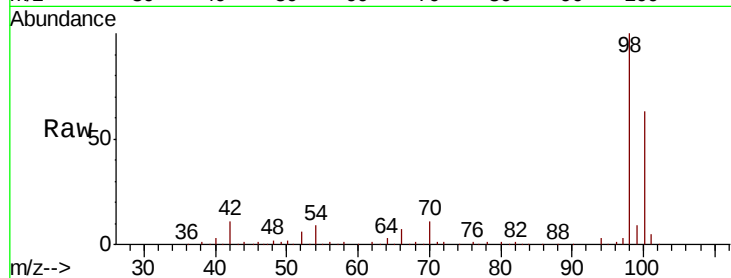
SUP-2A-G-2-120718

Tgt Ion: 98 Resp: 135149

Ion Ratio Lower Upper

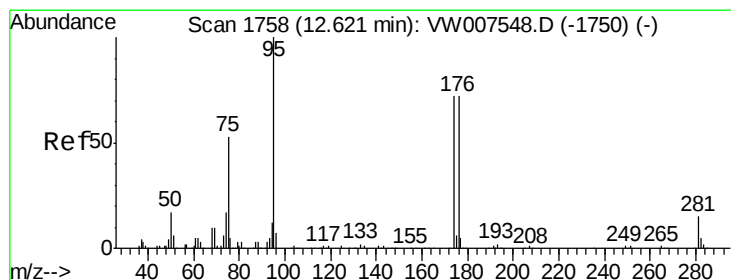
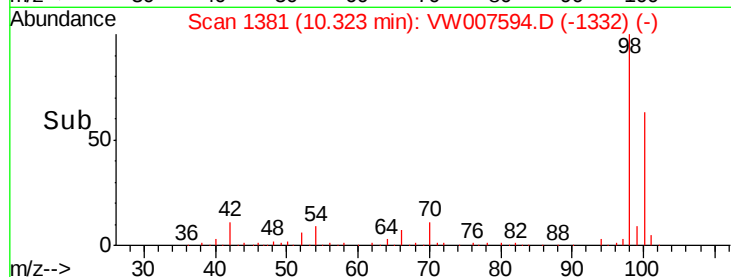
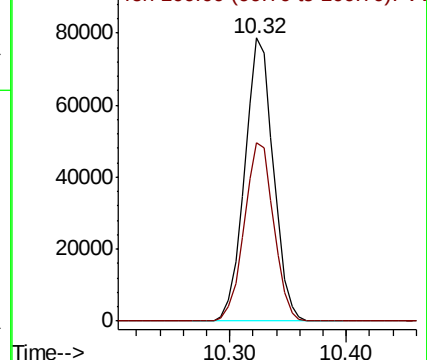
98 100

100 64.8 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 52.471 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007594.D

Acq: 15 Dec 2018 20:28

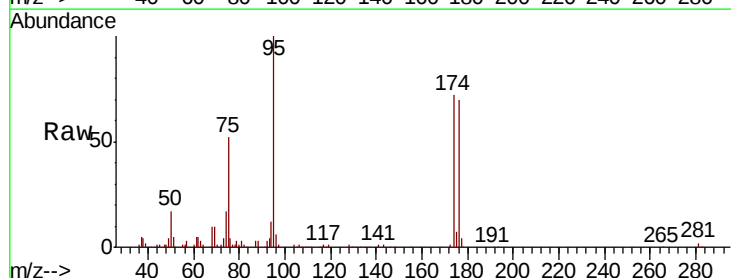
Tgt Ion: 95 Resp: 59298

Ion Ratio Lower Upper

95 100

174 72.8 0.0 147.2

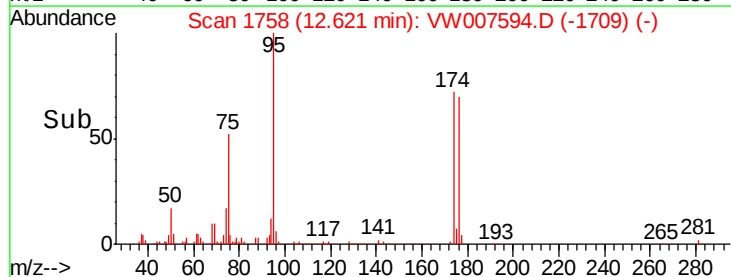
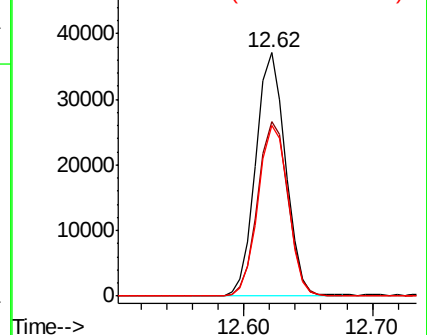
176 71.0 0.0 138.8

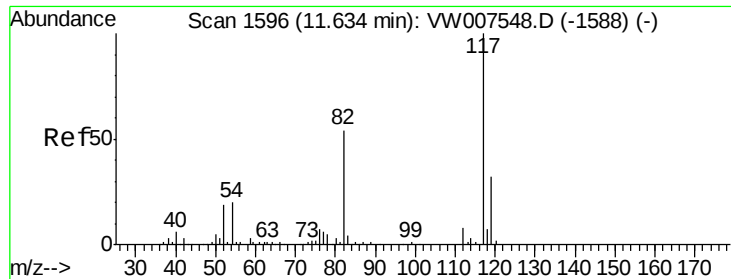


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

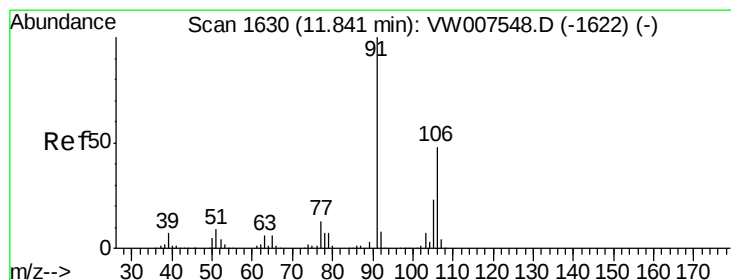
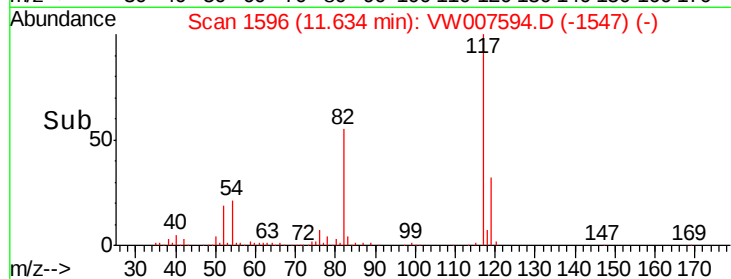
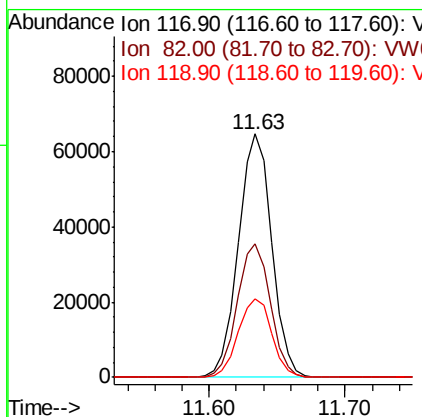
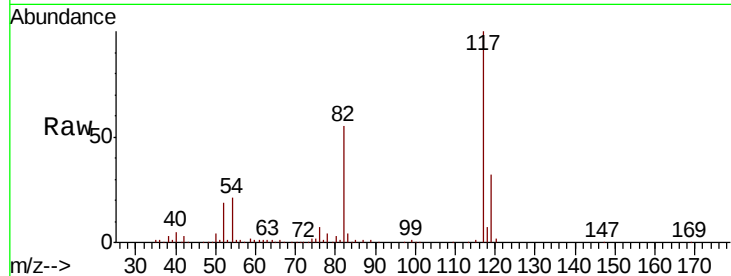




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007594.D
Acq: 15 Dec 2018 20:28

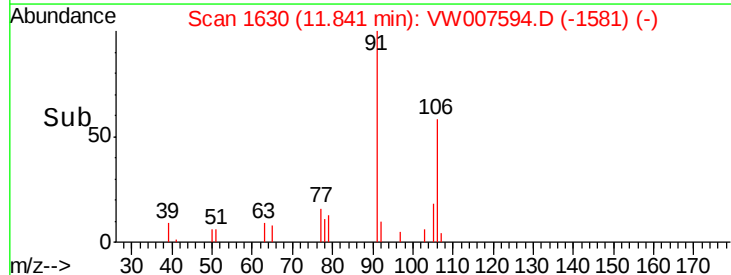
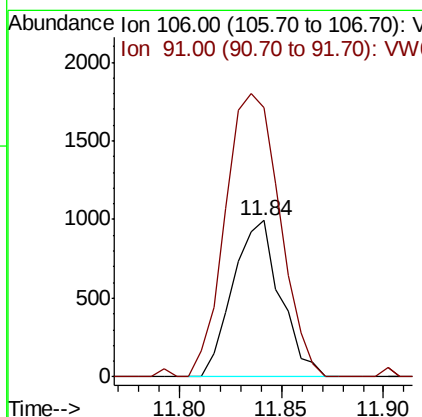
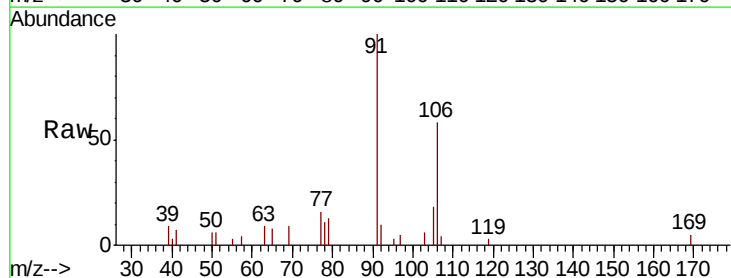
Instrument :
MSVOA_W
ClientSampleId :
SUP-2A-G-2-120718

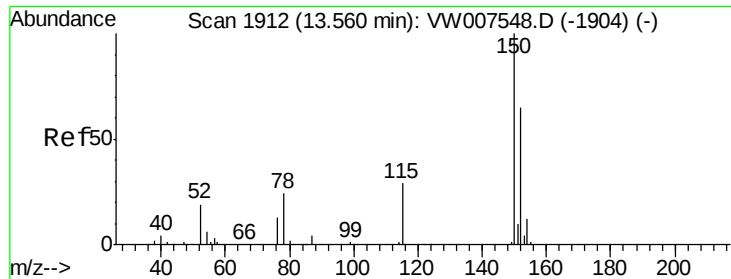
Tgt Ion:117 Resp: 110481
Ion Ratio Lower Upper
117 100
82 55.0 42.3 63.5
119 31.8 23.0 34.6



#68
m/p-Xylenes
Concen: 1.044 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007594.D
Acq: 15 Dec 2018 20:28

Tgt Ion:106 Resp: 1607
Ion Ratio Lower Upper
106 100
91 209.0 165.3 247.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007594.D

Acq: 15 Dec 2018 20:28

Instrument :

MSVOA_W

ClientSampleId :

SUP-2A-G-2-120718

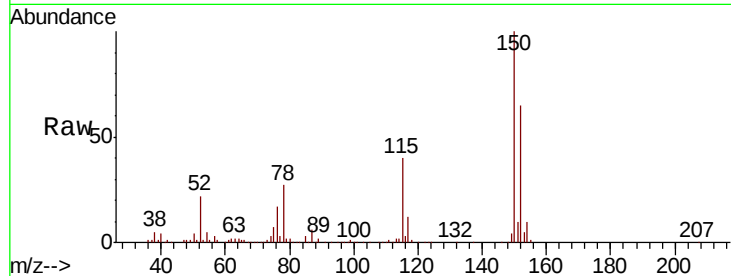
Tgt Ion:152 Resp: 51006

Ion Ratio Lower Upper

152 100

115 62.5 31.4 94.2

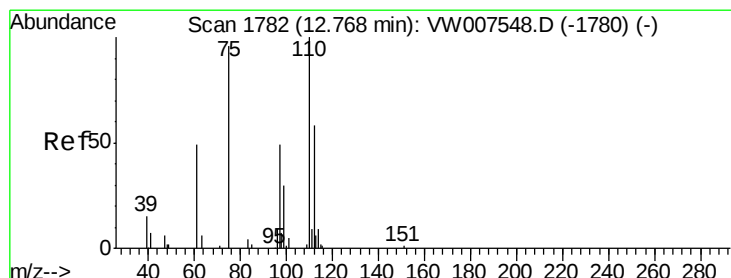
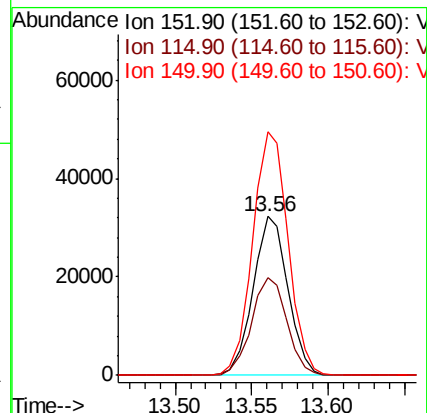
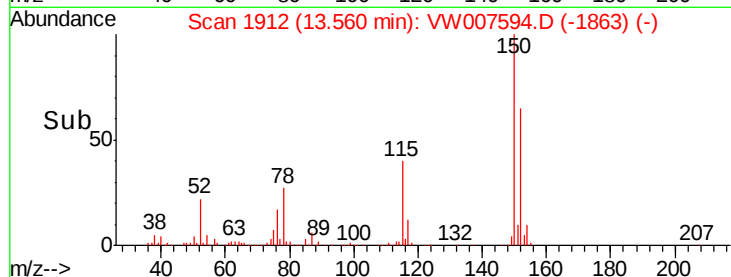
150 155.9 0.0 358.4



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: 71.281 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007594.D

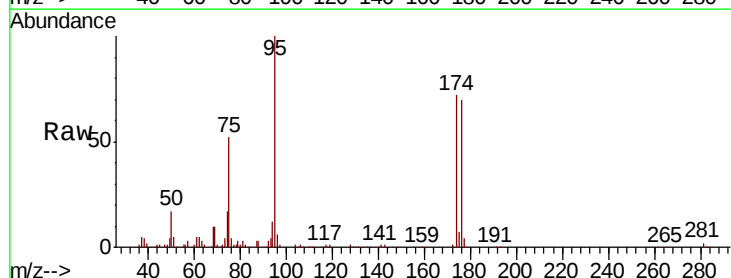
Acq: 15 Dec 2018 20:28

Tgt Ion: 75 Resp: 29978

Ion Ratio Lower Upper

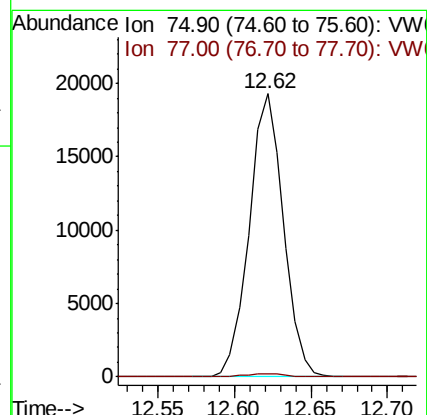
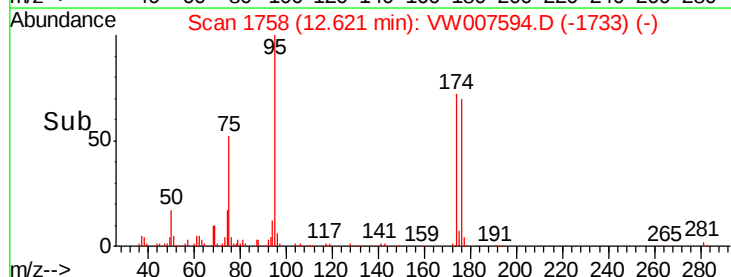
75 100

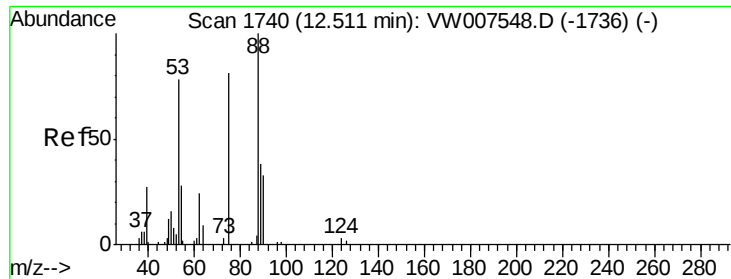
77 1.4 166.9 500.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 157.461 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007594.D

Acq: 15 Dec 2018 20:28

Instrument :

MSVOA_W

ClientSampleId :

SUP-2A-G-2-120718

Tgt Ion: 75 Resp: 29978

Ion Ratio Lower Upper

75 100

53 0.2 84.9 127.3#

89 0.0 40.3 60.5#

