

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
 Data File : VW007079.D
 Acq On : 27 Nov 2018 10:12
 Operator : VAY/AP
 Sample : J5774-03RE
 Misc : 6.27G/5ML/MSVOA_W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-02-112118

Quant Time: Nov 27 12:28:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	142552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	219880	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	194109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	77945	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	63798	45.71	ug/l	0.00
Spiked Amount			Recovery	=	91.42%	
35) Dibromofluoromethane	7.88	113	55828	44.96	ug/l	0.00
Spiked Amount			Recovery	=	89.92%	
50) Toluene-d8	10.33	98	235227	42.90	ug/l	0.00
Spiked Amount			Recovery	=	85.80%	
62) 4-Bromofluorobenzene	12.62	95	83639	38.76	ug/l	0.00
Spiked Amount			Recovery	=	77.52%	

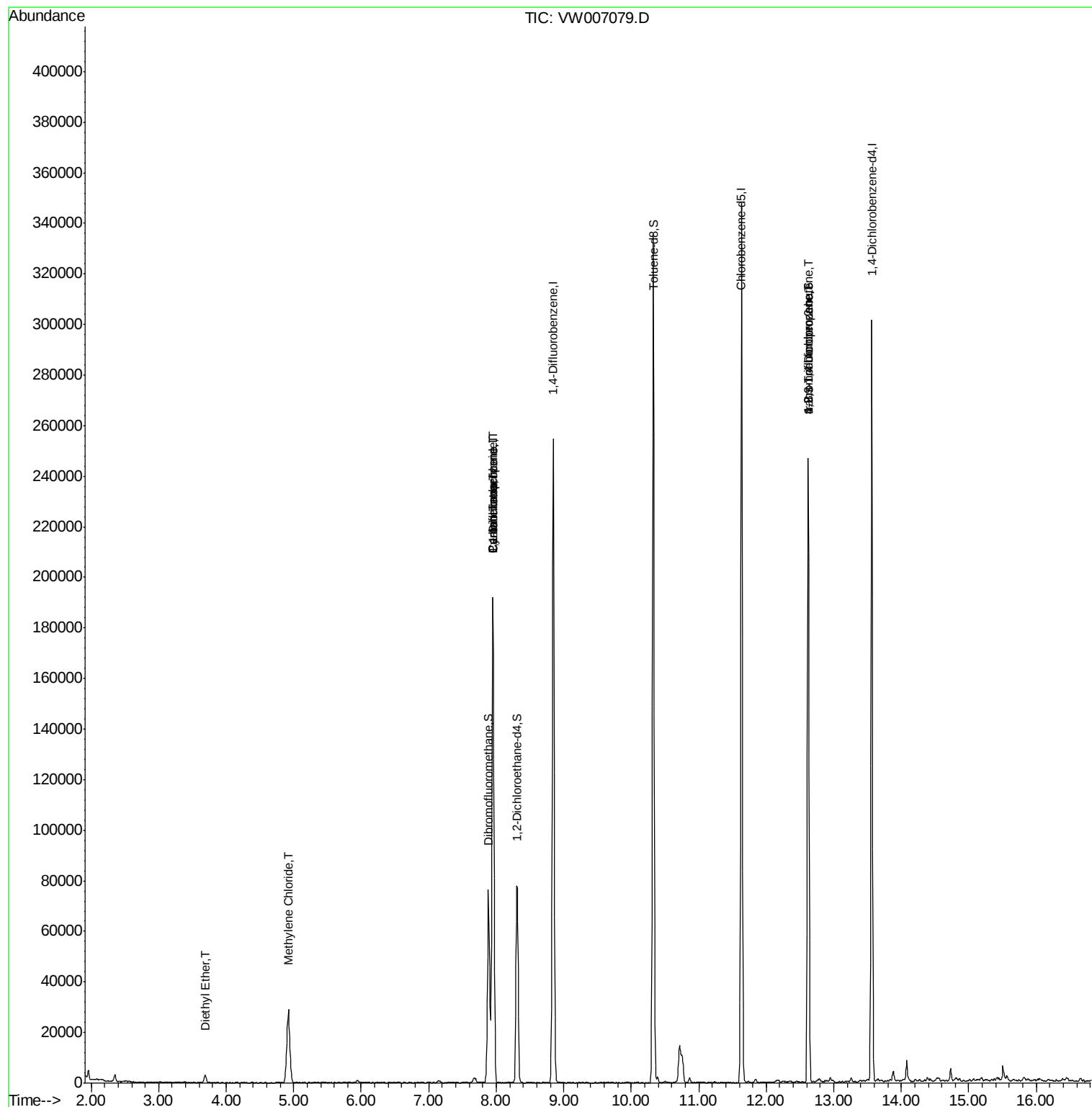
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.69	74	1604	2.19	ug/l	94
20) Methylene Chloride	4.92	84	22841	9.80	ug/l	96
31) Cyclohexane	7.95	56	2802	1.04	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	10616	4.94	ug/l #	50
38) Carbon Tetrachloride	7.95	117	14483	7.04	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	40623	66.32	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	40623	166.51	ug/l #	10

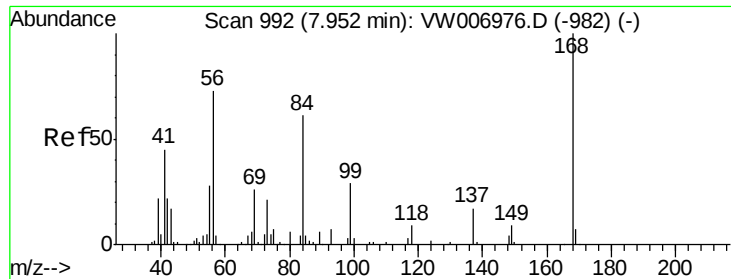
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 27 12:28:19 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007079.D

Acq: 27 Nov 2018 10:12

Instrument :

MSVOA_W

ClientSampleId :

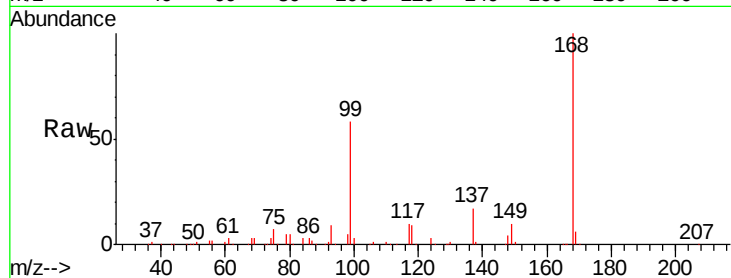
SU-02-112118

Tgt Ion:168 Resp: 142552

Ion Ratio Lower Upper

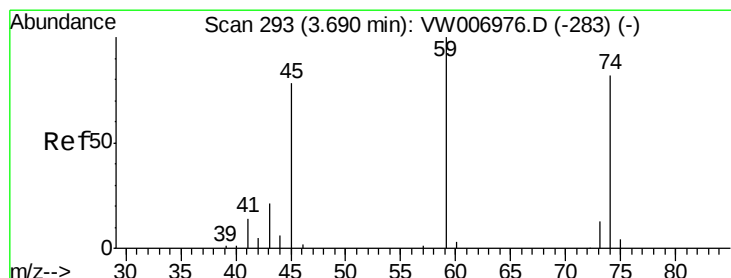
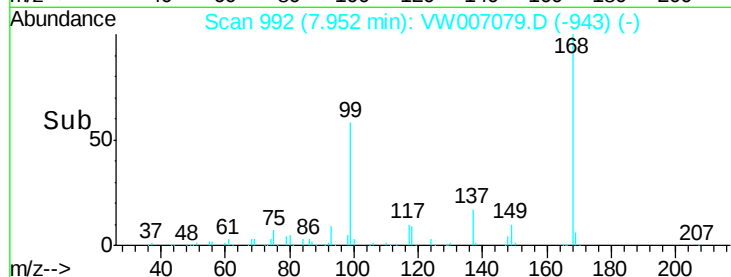
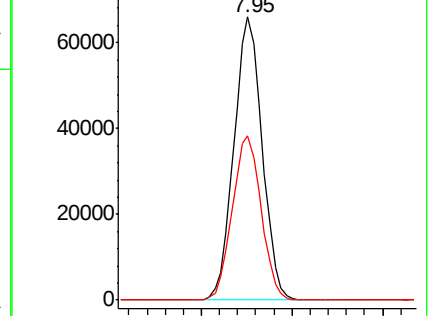
168 100

99 58.2 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.19 ug/l

RT: 3.69 min Scan# 293

Delta R.T. -0.00 min

Lab File: VW007079.D

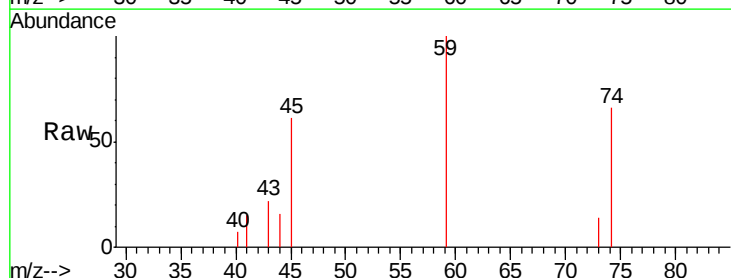
Acq: 27 Nov 2018 10:12

Tgt Ion: 74 Resp: 1604

Ion Ratio Lower Upper

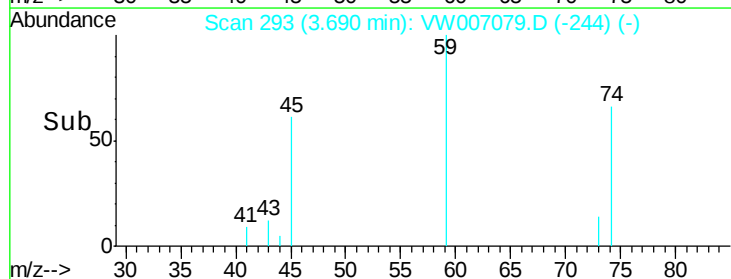
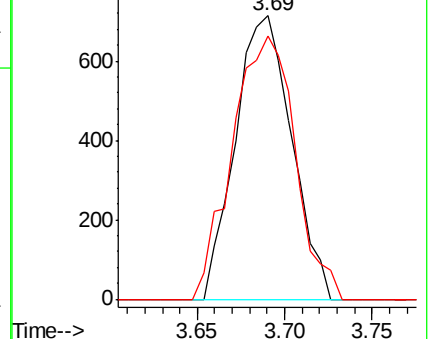
74 100

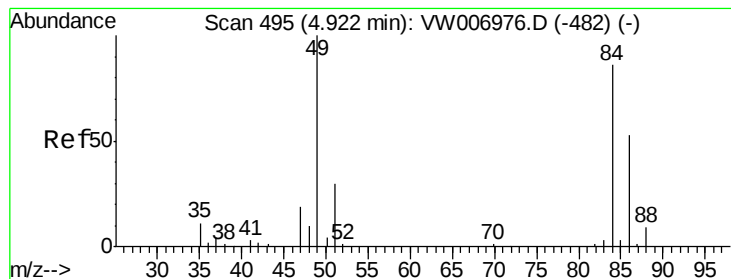
45 103.1 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#20

Methylene Chloride

Concen: 9.80 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW007079.D

Acq: 27 Nov 2018 10:12

Instrument :

MSVOA_W

ClientSampleId :

SU-02-112118

Tgt Ion: 84 Resp: 22841

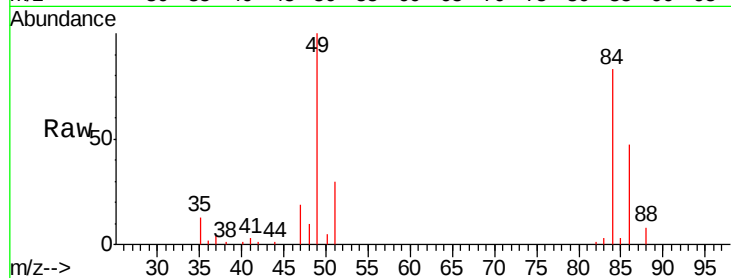
Ion Ratio Lower Upper

84 100

49 120.5 93.4 140.0

51 35.6 28.4 42.6

86 56.3 49.8 74.8

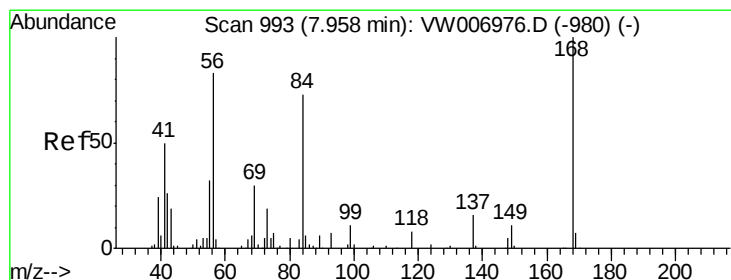
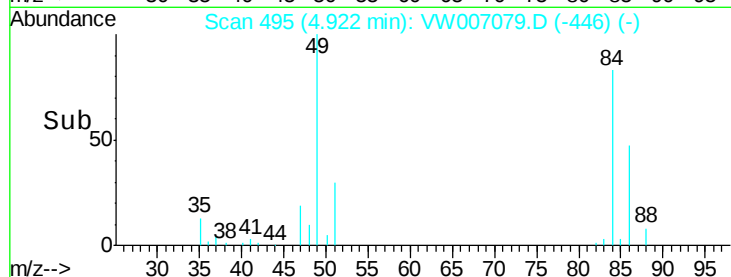
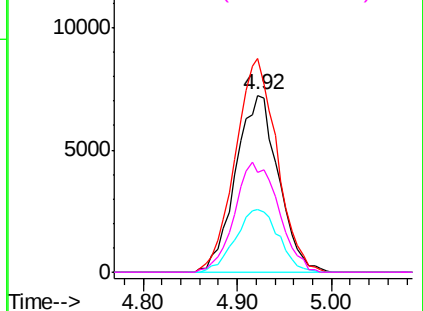


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#31

Cyclohexane

Concen: 1.04 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW007079.D

Acq: 27 Nov 2018 10:12

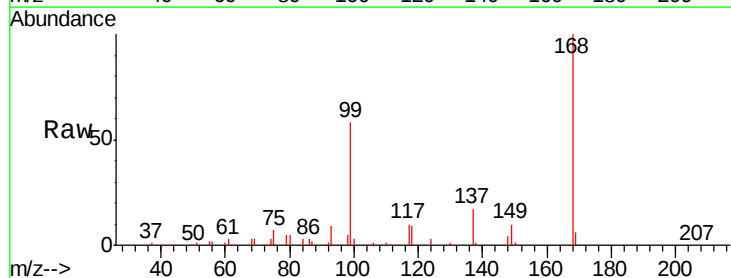
Tgt Ion: 56 Resp: 2802

Ion Ratio Lower Upper

56 100

69 189.4 29.1 43.7#

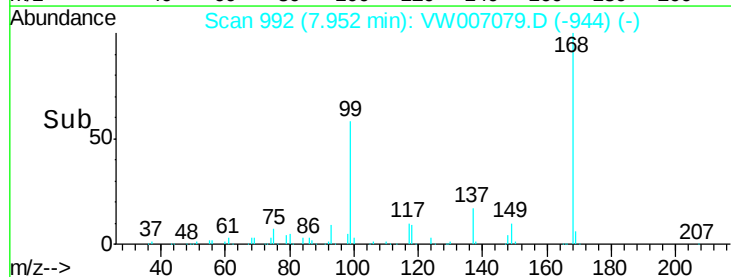
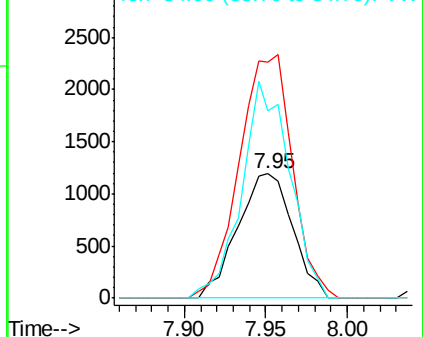
84 150.6 70.6 105.8#

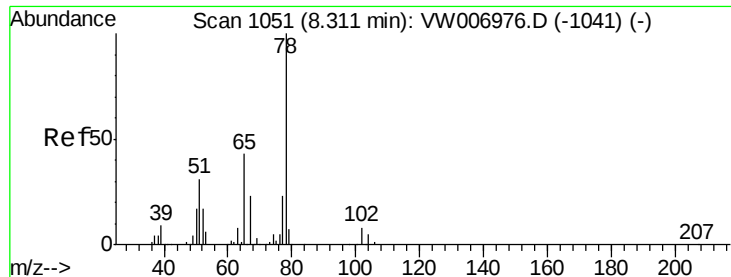


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW





#33

1,2-Dichloroethane-d4

Concen: 45.71 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW007079.D

Acq: 27 Nov 2018 10:12

Instrument :

MSVOA_W

ClientSampleId :

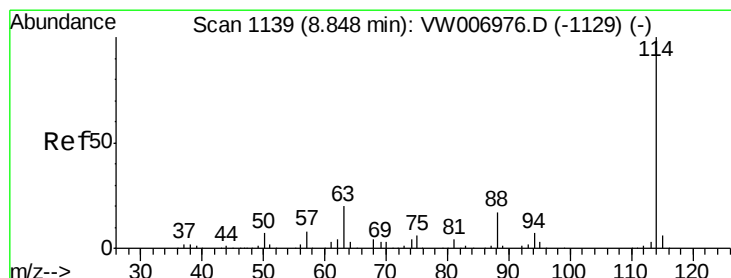
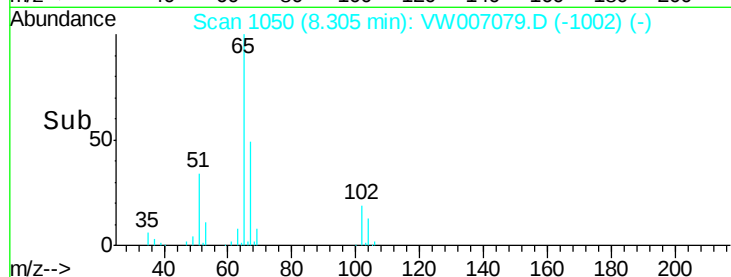
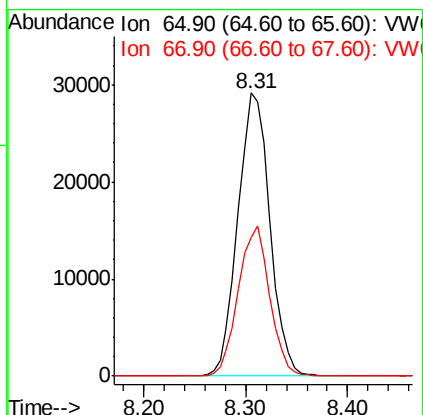
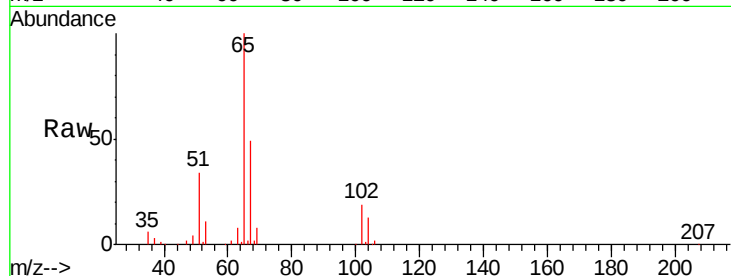
SU-02-112118

Tgt Ion: 65 Resp: 63798

Ion Ratio Lower Upper

65 100

67 51.8 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW007079.D

Acq: 27 Nov 2018 10:12

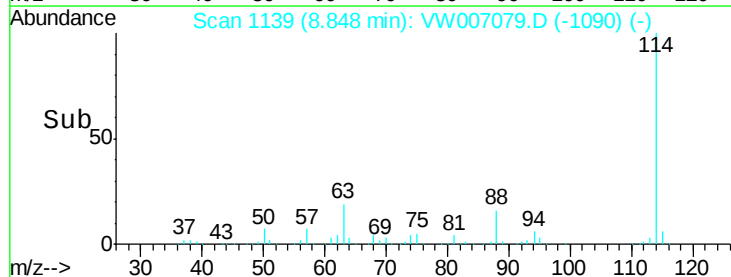
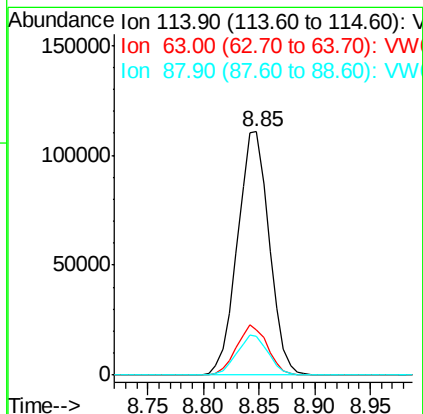
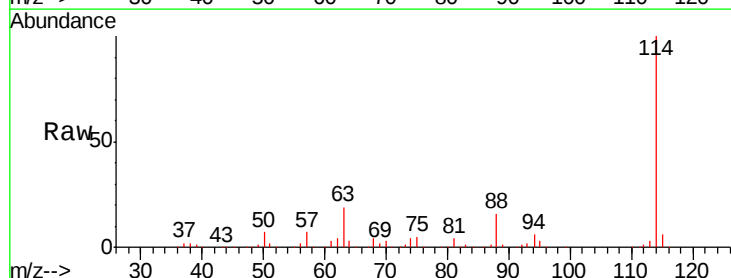
Tgt Ion: 114 Resp: 219880

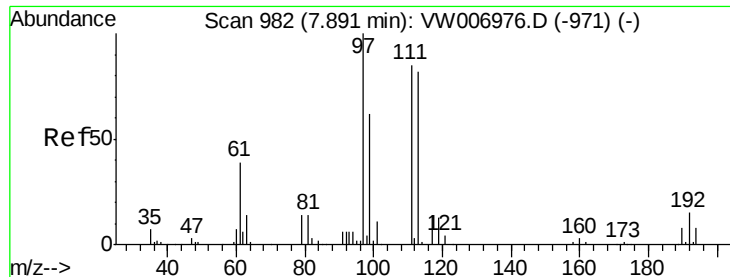
Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.4

88 16.1 0.0 34.2

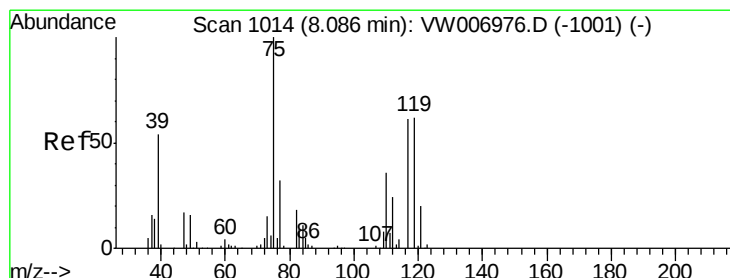
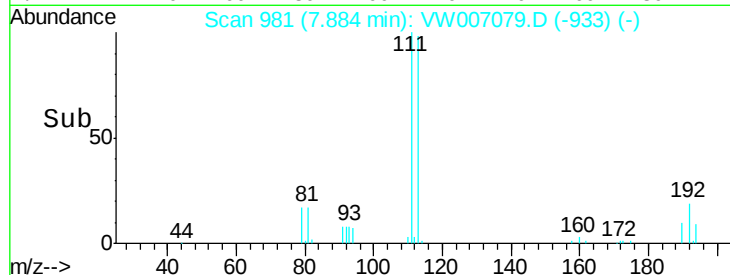
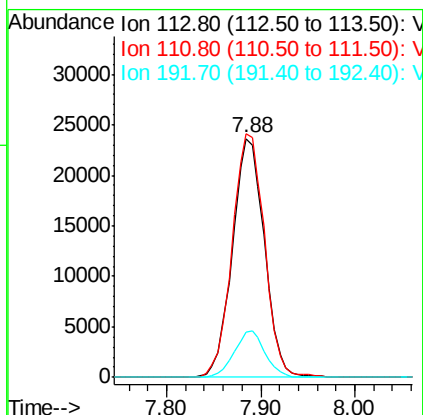
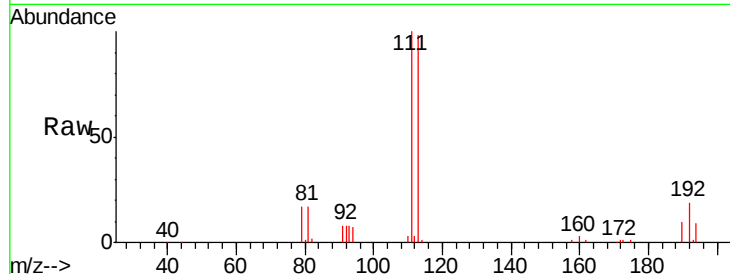




#35
 Dibromofluoromethane
 Concen: 44.96 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007079.D
 Acq: 27 Nov 2018 10:12

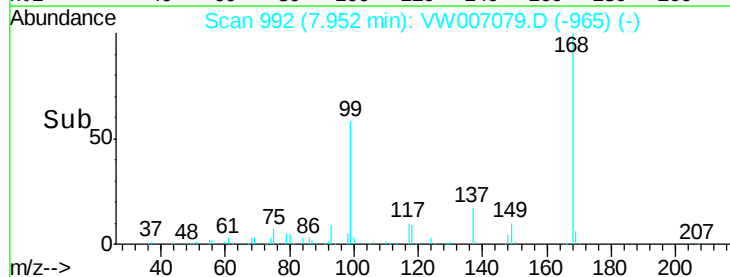
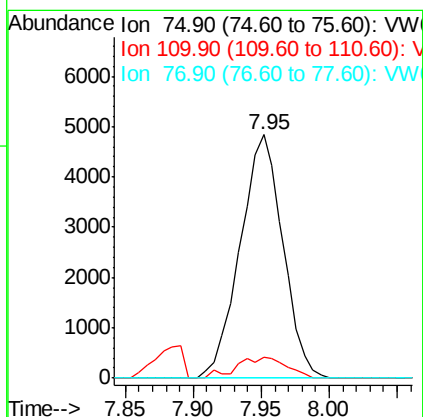
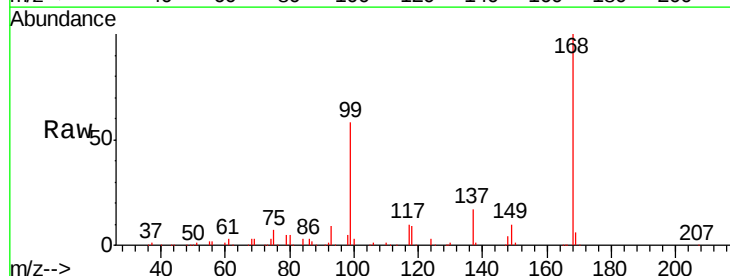
Instrument :
 MSVOA_W
 ClientSampleId :
 SU-02-112118

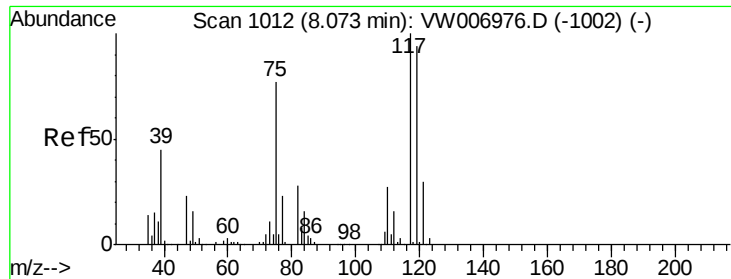
Tgt Ion: 113 Resp: 55828
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.0 121.6
 192 18.6 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 4.94 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007079.D
 Acq: 27 Nov 2018 10:12

Tgt Ion: 75 Resp: 10616
 Ion Ratio Lower Upper
 75 100
 110 10.1 18.0 54.0#
 77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 7.04 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW007079.D

Acq: 27 Nov 2018 10:12

Instrument :

MSVOA_W

ClientSampleId :

SU-02-112118

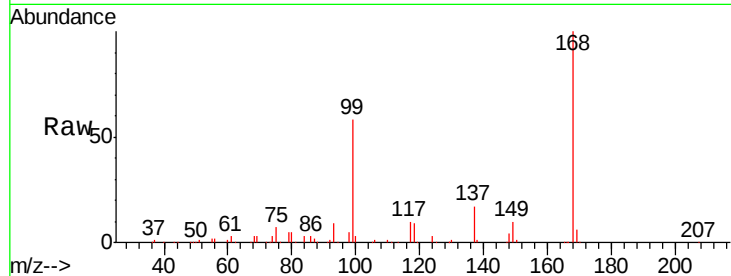
Tgt Ion:117 Resp: 14483

Ion Ratio Lower Upper

117 100

119 4.8 74.9 112.3#

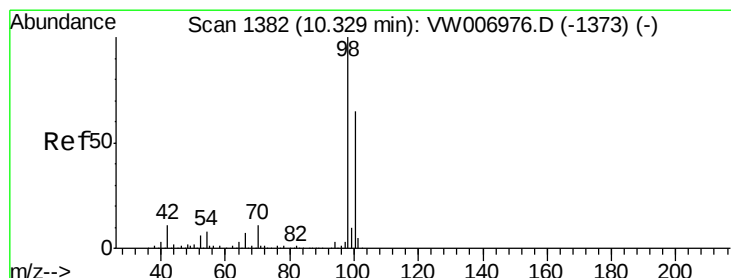
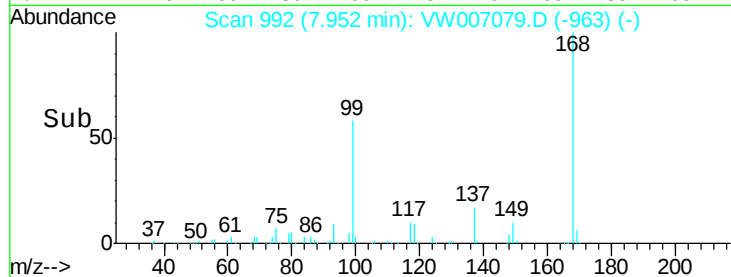
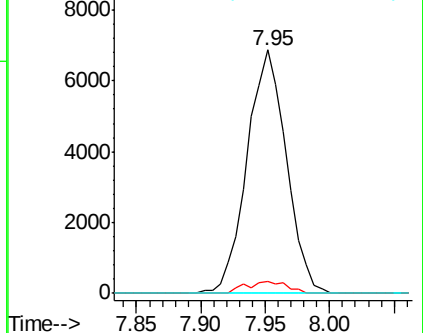
121 0.0 23.6 35.4#



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: 42.90 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007079.D

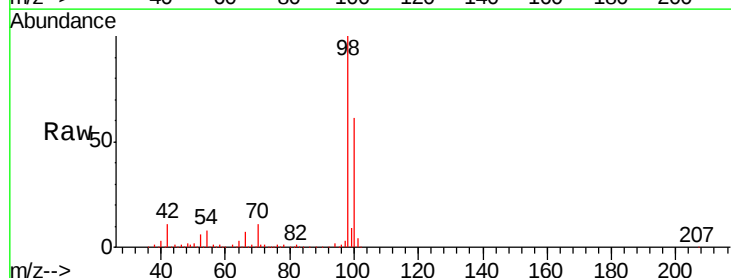
Acq: 27 Nov 2018 10:12

Tgt Ion: 98 Resp: 235227

Ion Ratio Lower Upper

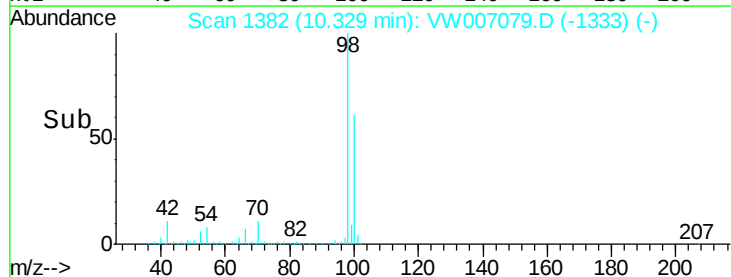
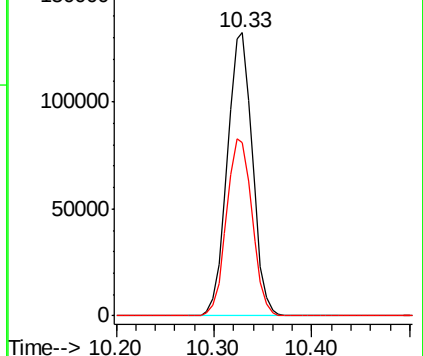
98 100

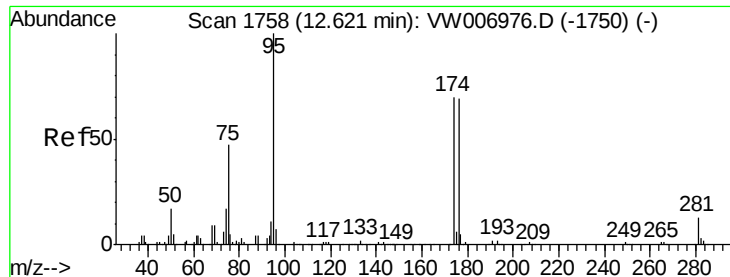
100 64.0 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

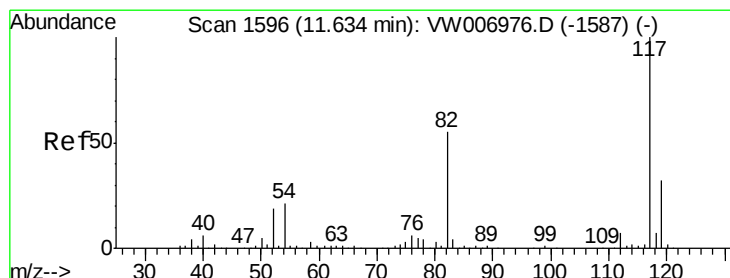
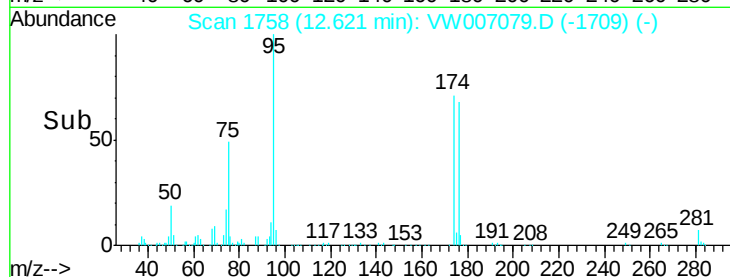
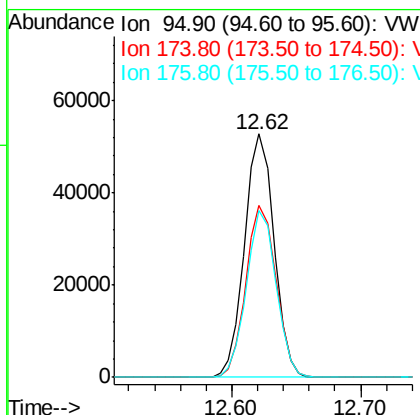
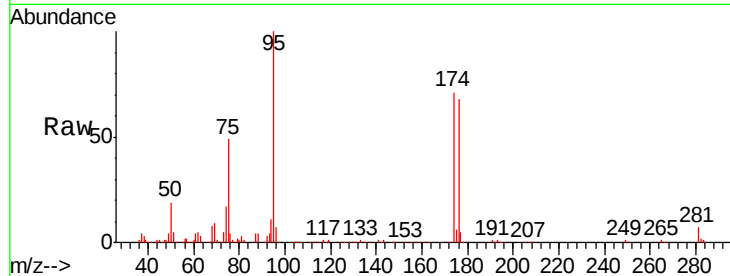




#62
4-Bromofluorobenzene
Concen: 38.76 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007079.D
Acq: 27 Nov 2018 10:12

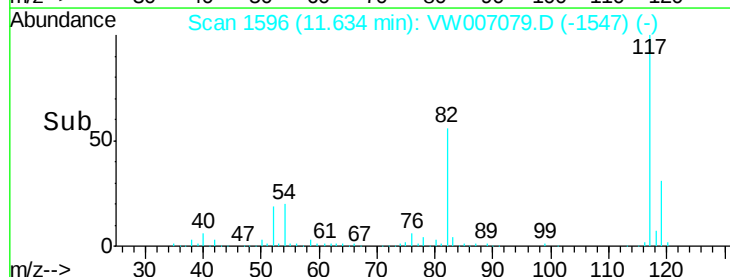
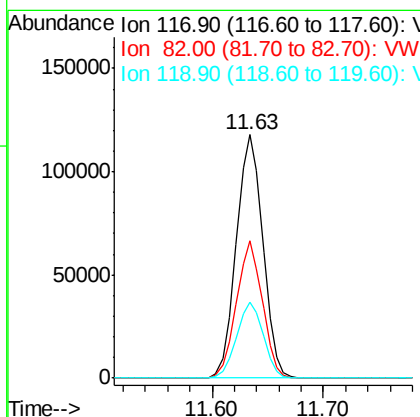
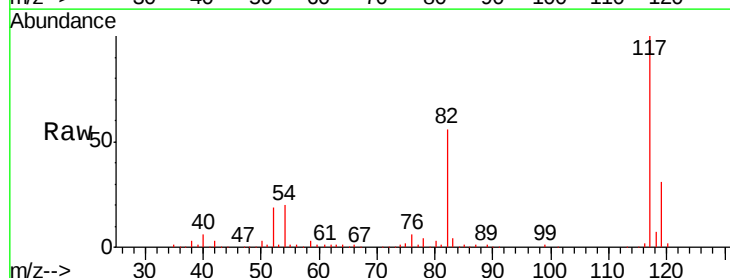
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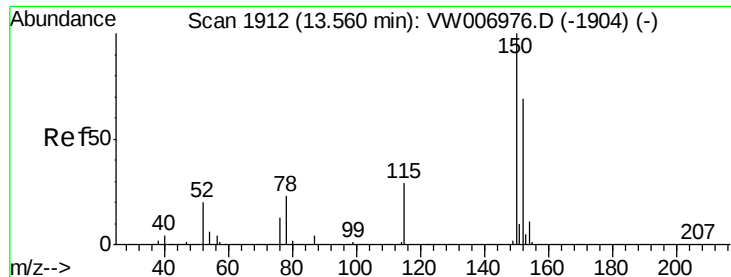
Tgt Ion: 95 Resp: 83639
Ion Ratio Lower Upper
95 100
174 72.2 0.0 143.6
176 68.8 0.0 140.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007079.D
Acq: 27 Nov 2018 10:12

Tgt Ion: 117 Resp: 194109
Ion Ratio Lower Upper
117 100
82 56.2 44.2 66.2
119 31.2 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007079.D

Acq: 27 Nov 2018 10:12

Instrument :

MSVOA_W

ClientSampleId :

SU-02-112118

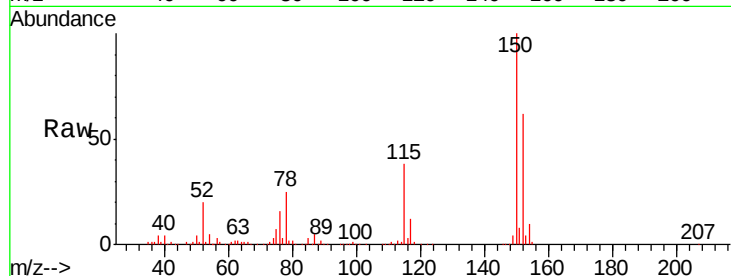
Tgt Ion:152 Resp: 77945

Ion Ratio Lower Upper

152 100

115 63.2 31.4 94.2

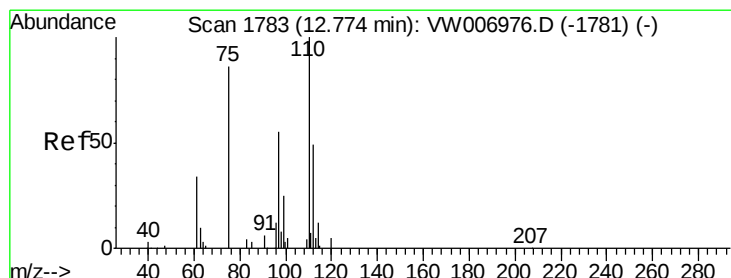
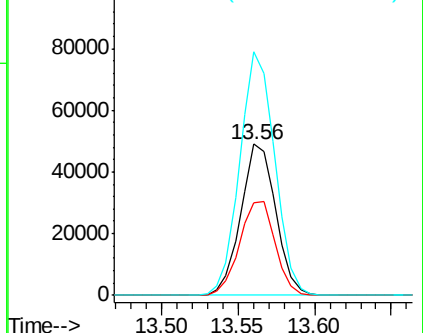
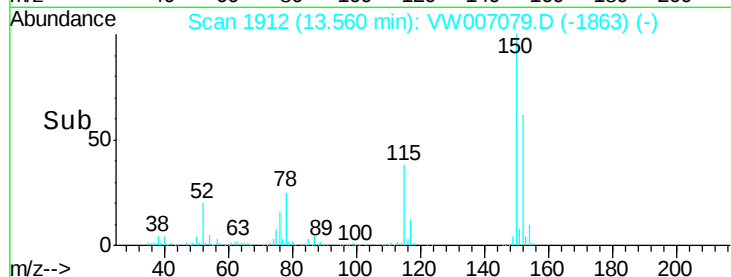
150 161.0 0.0 353.4



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: 66.32 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007079.D

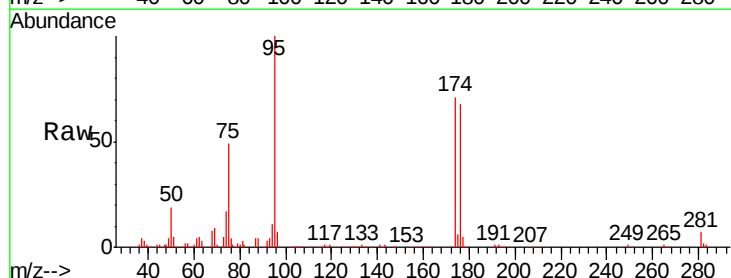
Acq: 27 Nov 2018 10:12

Tgt Ion: 75 Resp: 40623

Ion Ratio Lower Upper

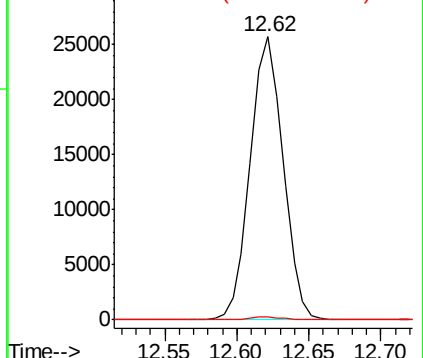
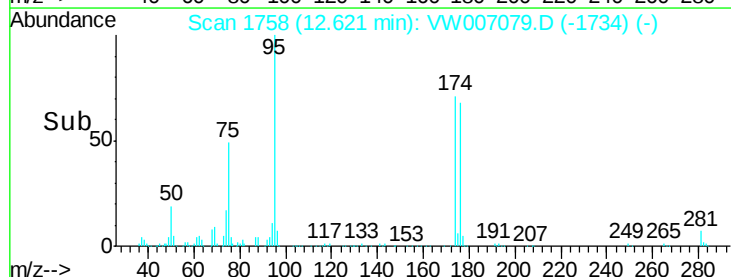
75 100

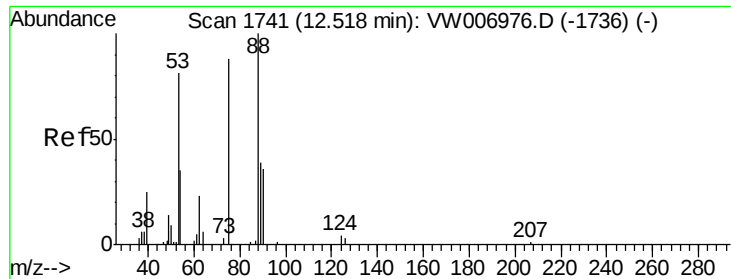
77 1.0 0.0 0.0#



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: 166.51 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007079.D

Acq: 27 Nov 2018 10:12

Instrument :

MSVOA_W

ClientSampleId :

SU-02-112118

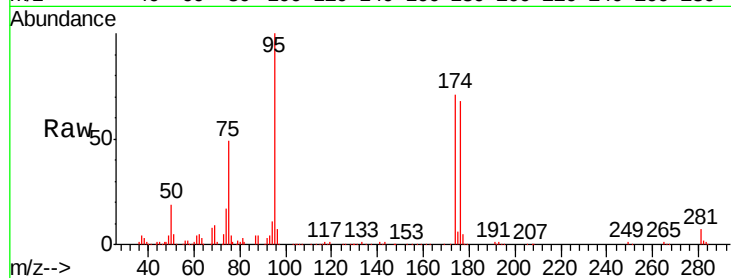
Tgt Ion: 75 Resp: 40623

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.0 39.3 58.9#



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

