

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081719\
 Data File : VW011959.D
 Acq On : 16 Aug 2019 12:43
 Operator : SY/VA
 Sample : K4339-06RE
 Misc : 4.02G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T8-A1-(4)

Quant Time: Aug 17 04:58:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	216372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	368298	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	287551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	93202	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	140405	56.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.02%	
35) Dibromofluoromethane	7.88	113	112270	54.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.68%	
50) Toluene-d8	10.32	98	438977	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
62) 4-Bromofluorobenzene	12.62	95	124296	41.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.42%	

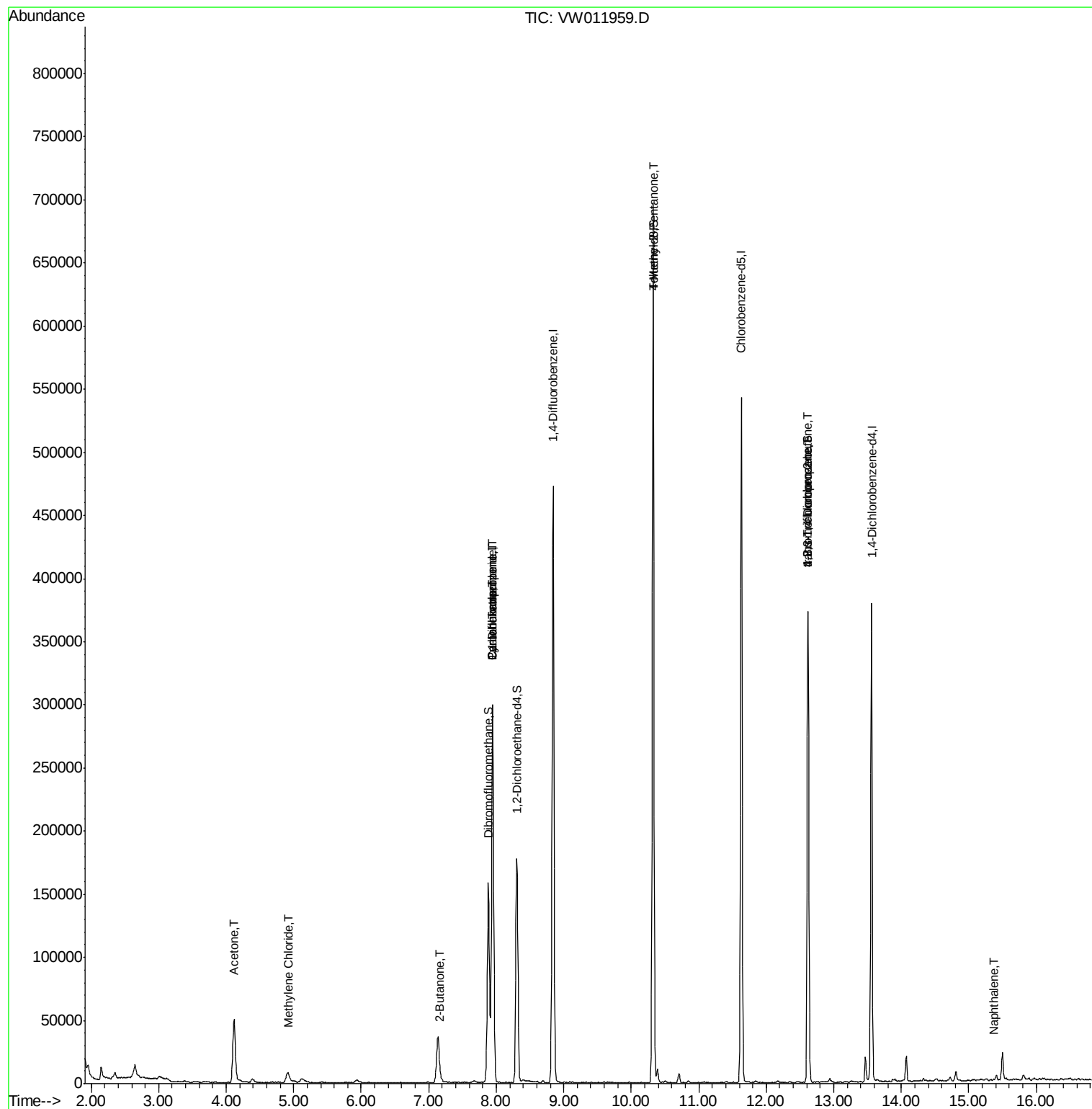
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.12	59	1754	Below Cal	#	72
16) Acetone	4.12	43	90504	114.514	ug/l	96
20) Methylene Chloride	4.92	84	5948	2.182	ug/l	88
25) 2-Butanone	7.17	43	1995	1.929	ug/l	95
31) Cyclohexane	7.95	56	5580	1.201	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	18867	4.927	ug/l #	52
38) Carbon Tetrachloride	7.95	117	21837	6.661	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	2603	1.235	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	66387	67.317	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	66387	155.142	ug/l #	6
95) Naphthalene	15.37	128	657	2.237	ug/l #	82

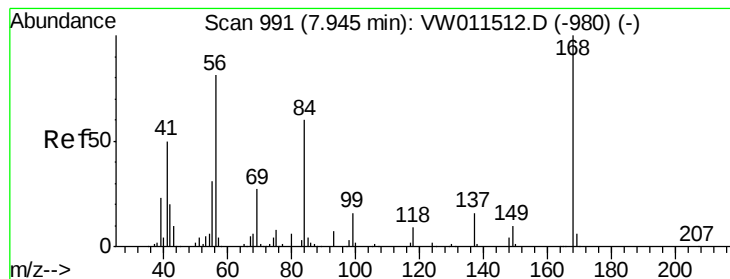
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081719\
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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# 991

Delta R.T. 0.00 min

Lab File: VW011959.D

Acq: 16 Aug 2019 12:43

Instrument :

MSVOA_W

ClientSampleId :

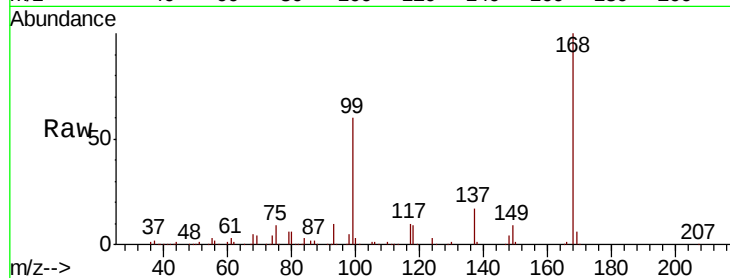
T8-A1-(4)

Tgt Ion:168 Resp: 216372

Ion Ratio Lower Upper

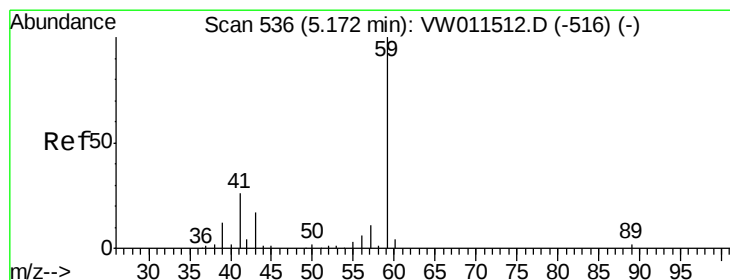
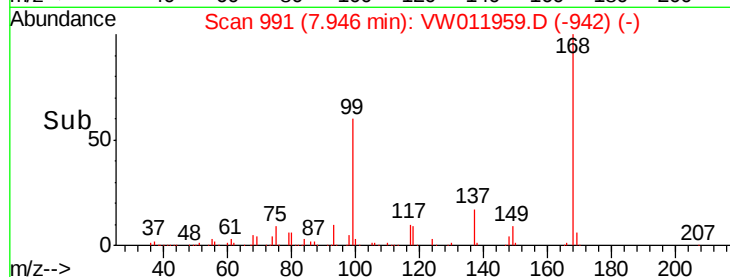
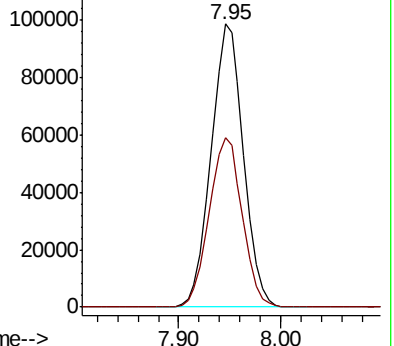
168 100

99 59.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.12 min Scan# 527

Delta R.T. -0.05 min

Lab File: VW011959.D

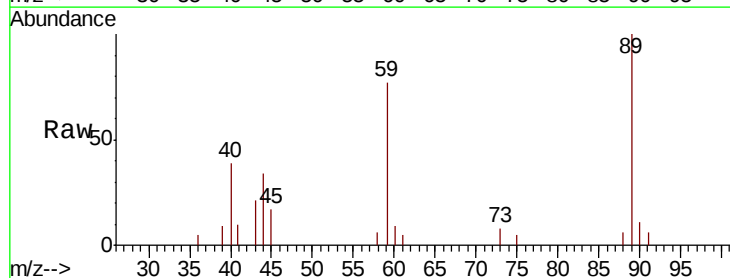
Acq: 16 Aug 2019 12:43

Tgt Ion: 59 Resp: 1754

Ion Ratio Lower Upper

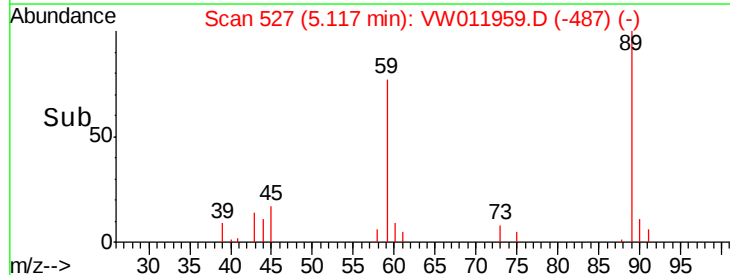
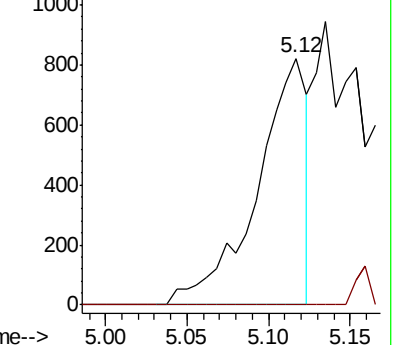
59 100

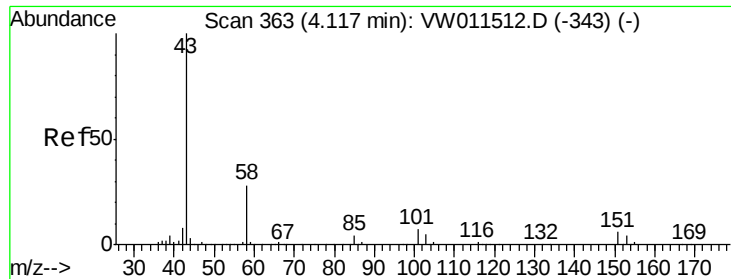
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

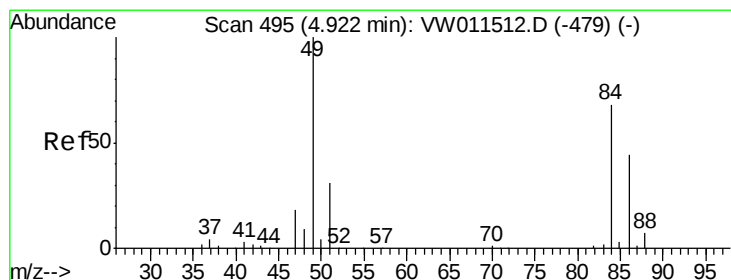
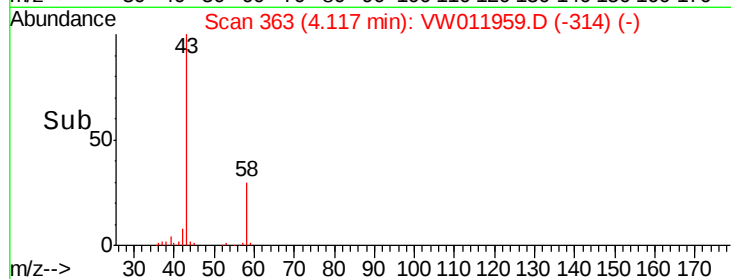
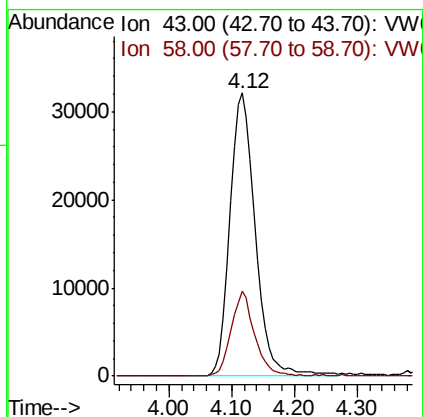
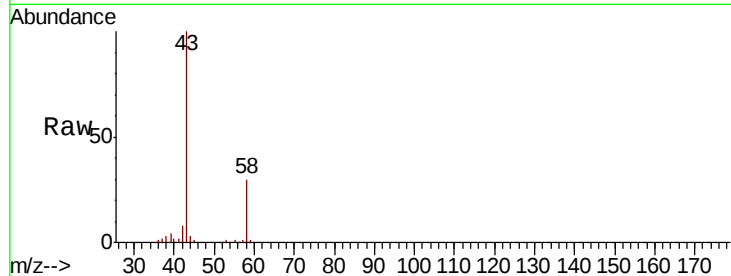




#16
Acetone
Concen: 114.514 ug/l
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW011959.D
Acq: 16 Aug 2019 12:43

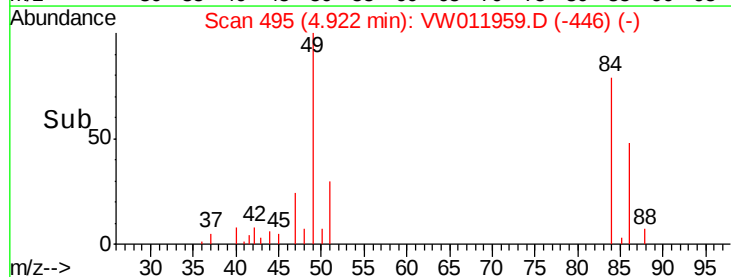
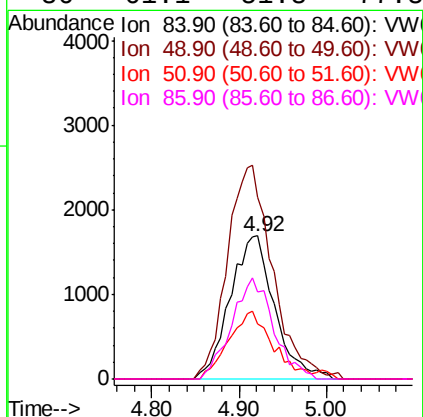
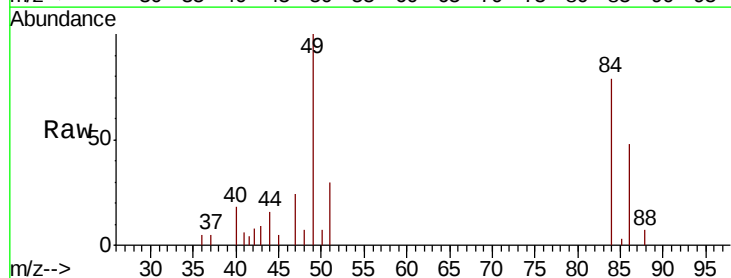
Instrument :
MSVOA_W
ClientSampleId :
T8-A1-(4)

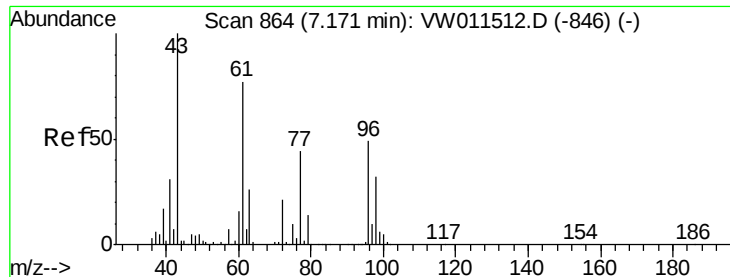
Tgt Ion: 43 Resp: 90504
Ion Ratio Lower Upper
43 100
58 29.9 22.3 33.5



#20
Methylene Chloride
Concen: 2.182 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW011959.D
Acq: 16 Aug 2019 12:43

Tgt Ion: 84 Resp: 5948
Ion Ratio Lower Upper
84 100
49 127.2 117.8 176.6
51 38.1 37.0 55.4
86 61.1 51.8 77.8





#25

2-Butanone

Concen: 1.929 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW011959.D

Acq: 16 Aug 2019 12:43

Instrument :

MSVOA_W

ClientSampleId :

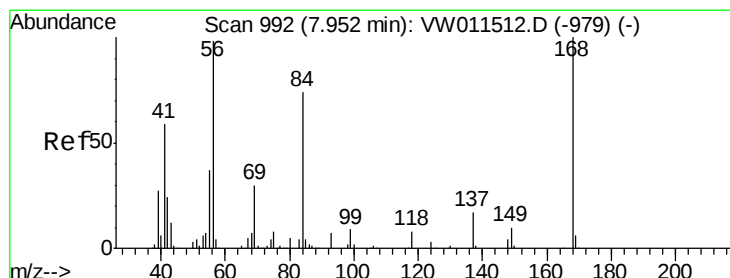
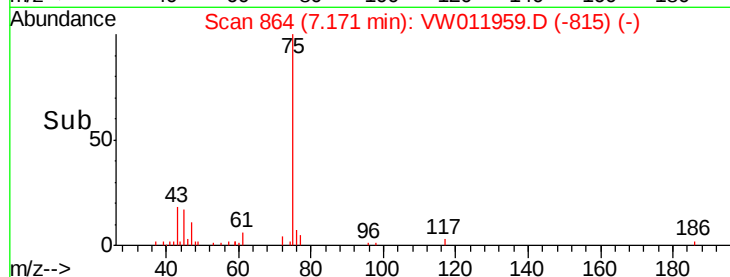
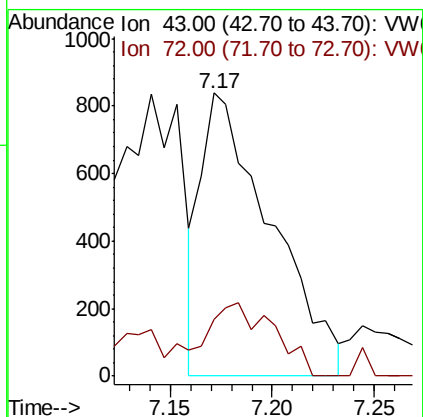
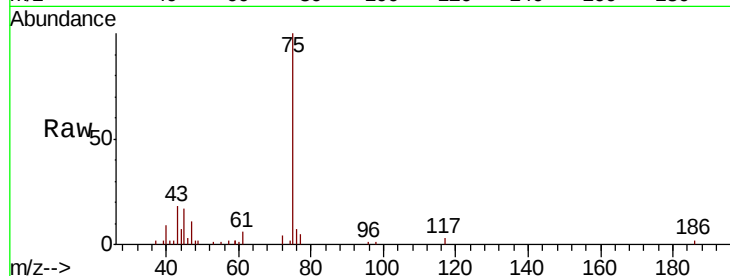
T8-A1-(4)

Tgt Ion: 43 Resp: 1995

Ion Ratio Lower Upper

43 100

72 22.8 16.6 24.8



#31

Cyclohexane

Concen: 1.201 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW011959.D

Acq: 16 Aug 2019 12:43

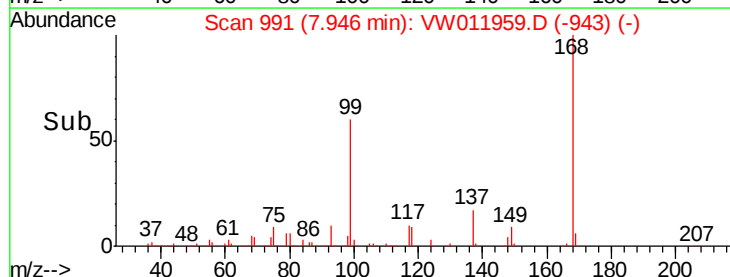
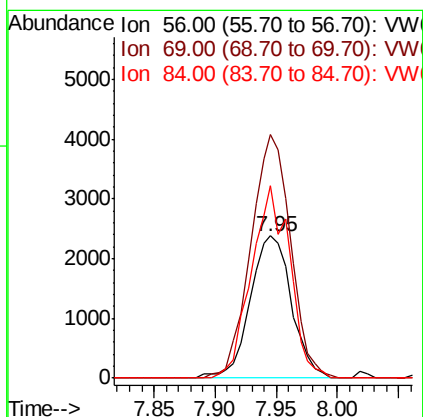
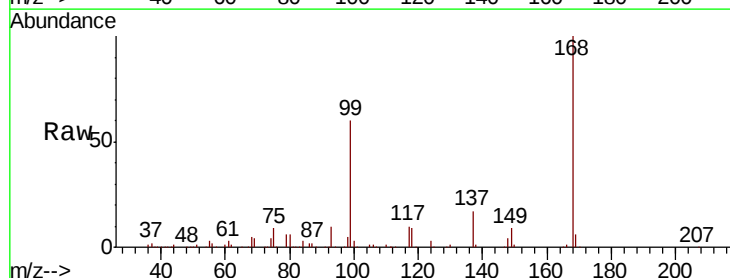
Tgt Ion: 56 Resp: 5580

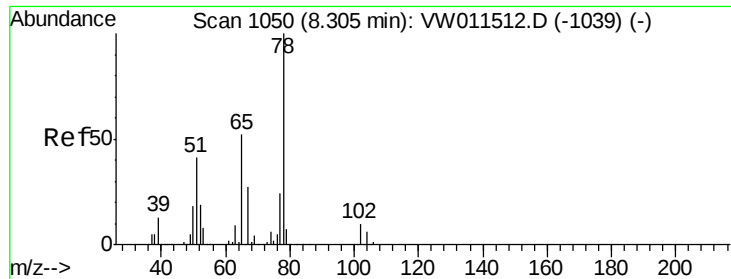
Ion Ratio Lower Upper

56 100

69 171.1 24.3 36.5#

84 134.9 60.4 90.6#

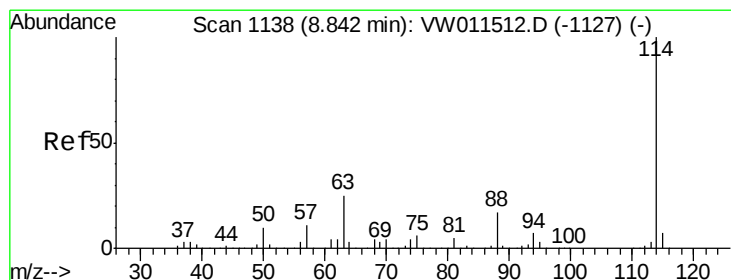
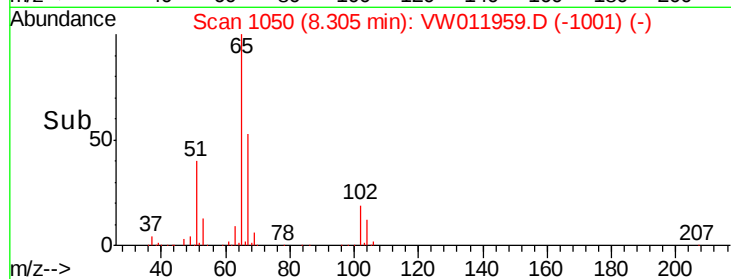
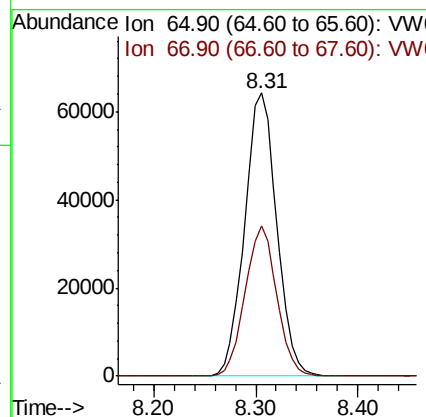
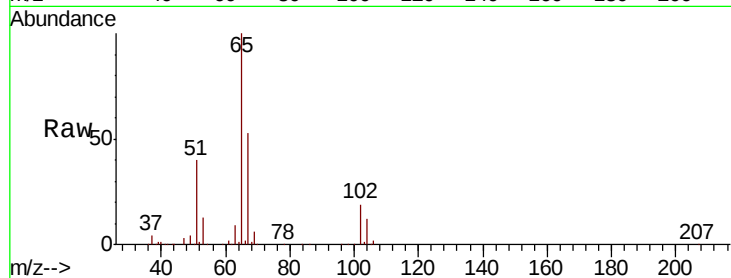




#33
 1,2-Dichloroethane-d4
 Concen: 56.511 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011959.D
 Acq: 16 Aug 2019 12:43

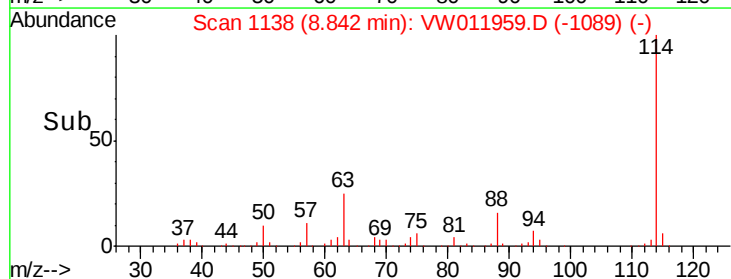
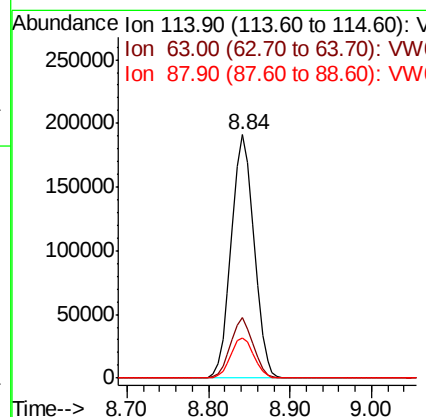
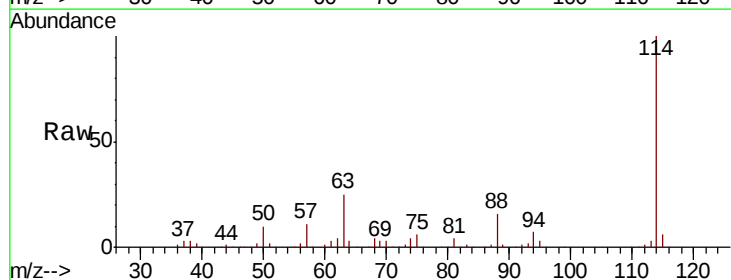
Instrument :
 MSVOA_W
 ClientSampleId :
 T8-A1-(4)

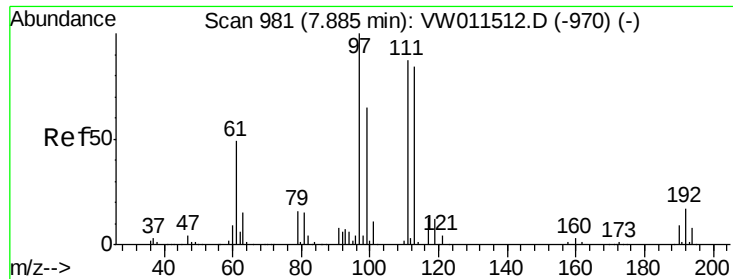
Tgt Ion: 65 Resp: 140405
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011959.D
 Acq: 16 Aug 2019 12:43

Tgt Ion: 114 Resp: 368298
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 49.2
 88 16.3 0.0 33.8

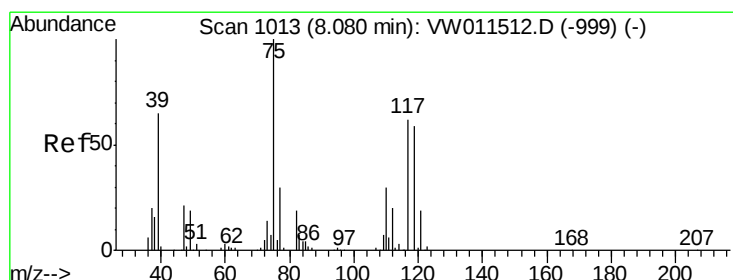
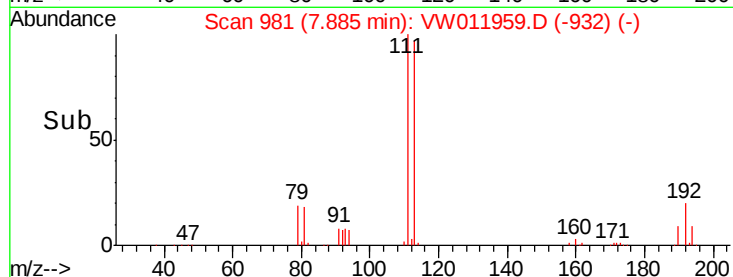
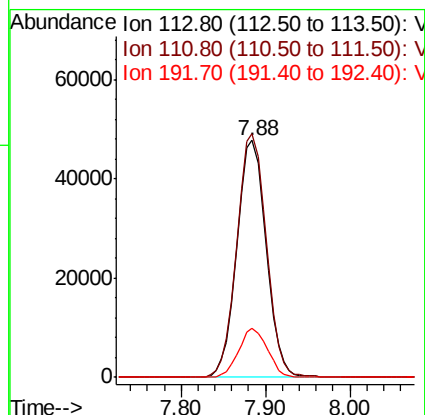
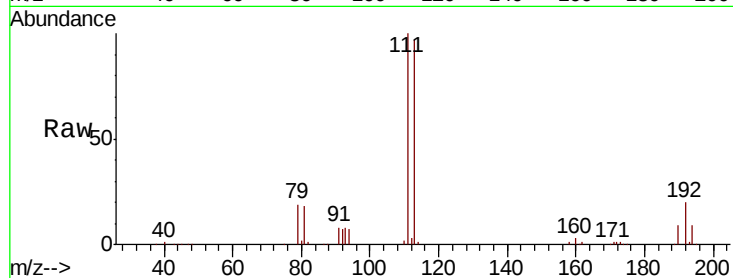




#35
 Dibromofluoromethane
 Concen: 54.336 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011959.D
 Acq: 16 Aug 2019 12:43

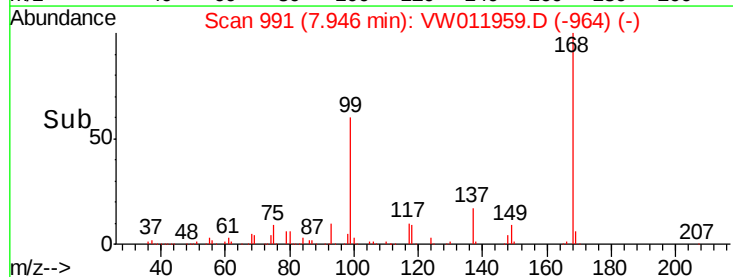
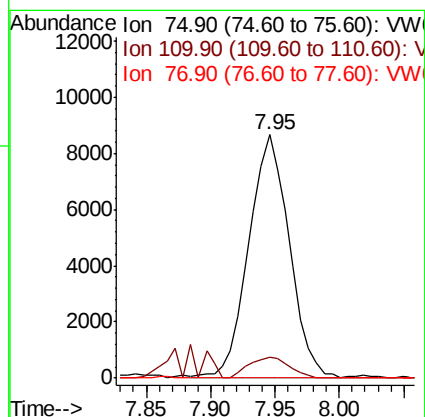
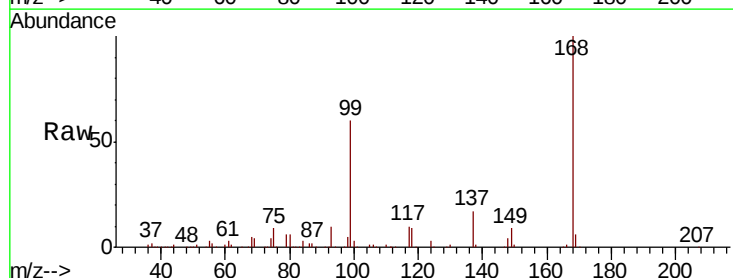
Instrument :
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 T8-A1-(4)

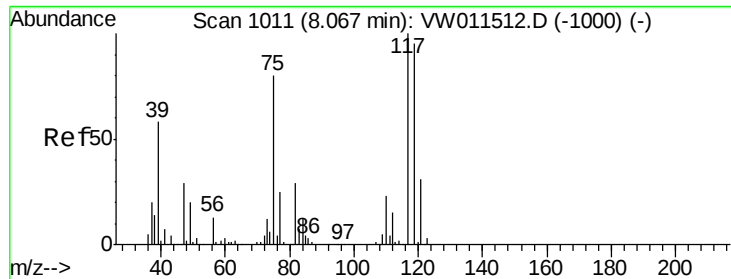
Tgt Ion:113 Resp: 112270
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.7 124.1
 192 20.2 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 4.927 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011959.D
 Acq: 16 Aug 2019 12:43

Tgt Ion: 75 Resp: 18867
 Ion Ratio Lower Upper
 75 100
 110 8.5 15.6 46.8#
 77 0.0 24.3 36.5#

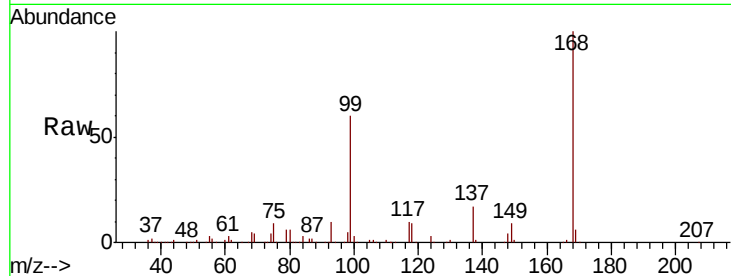




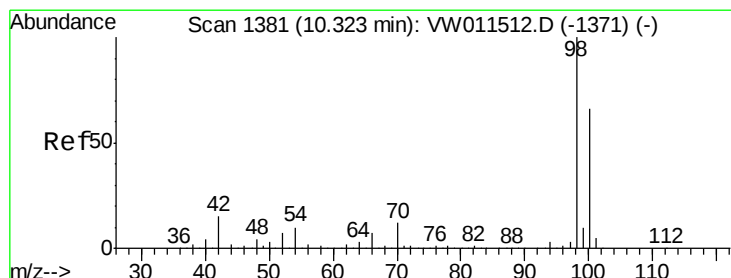
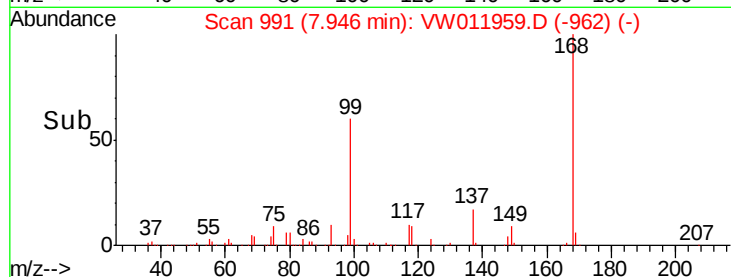
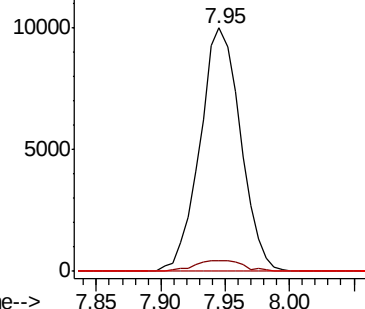
#38
Carbon Tetrachloride
Concen: 6.661 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW011959.D
Acq: 16 Aug 2019 12:43

Instrument :
MSVOA_W
ClientSampled :
T8-A1-(4)

Tgt Ion:117 Resp: 21837
Ion Ratio Lower Upper
117 100
119 4.2 75.8 113.6#
121 0.0 24.7 37.1#

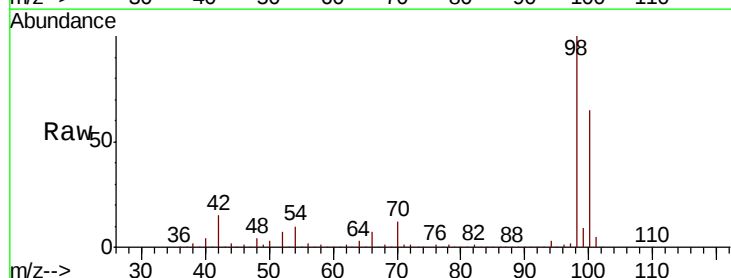


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

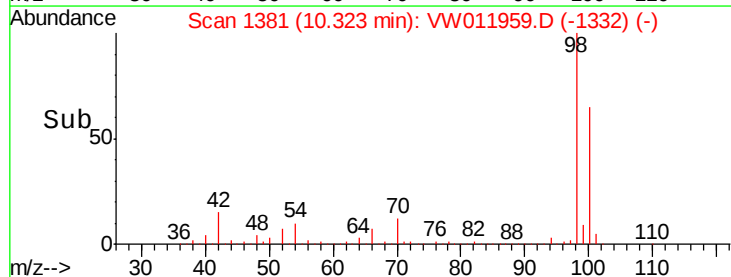
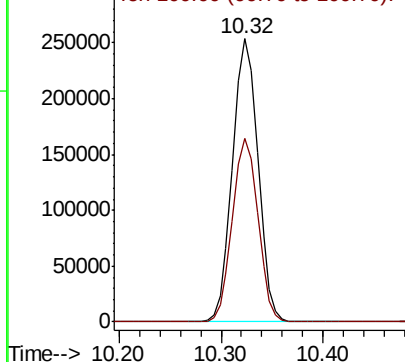


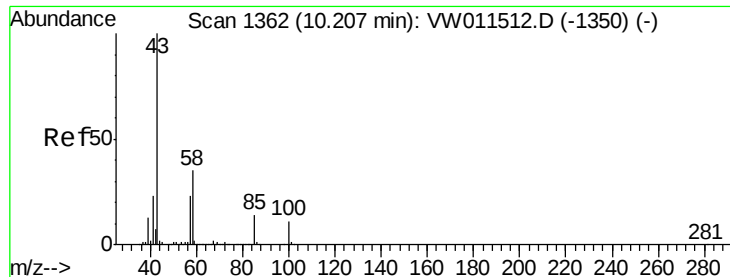
#50
Toluene-d8
Concen: 51.890 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011959.D
Acq: 16 Aug 2019 12:43

Tgt Ion: 98 Resp: 438977
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V

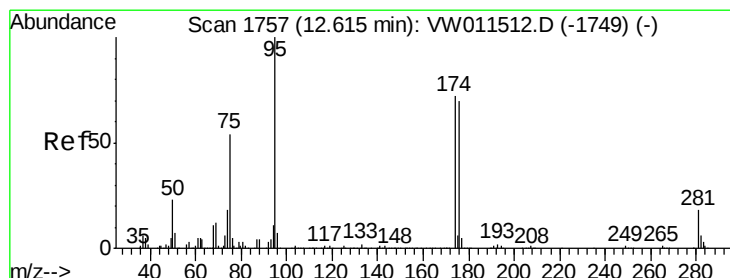
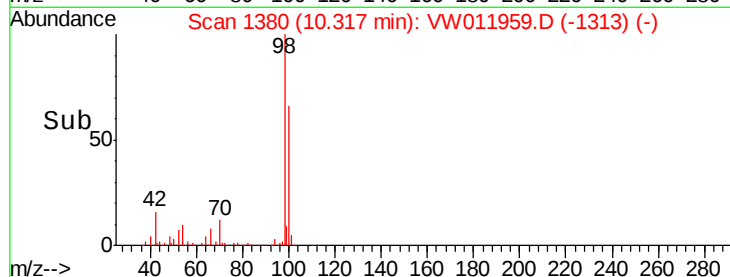
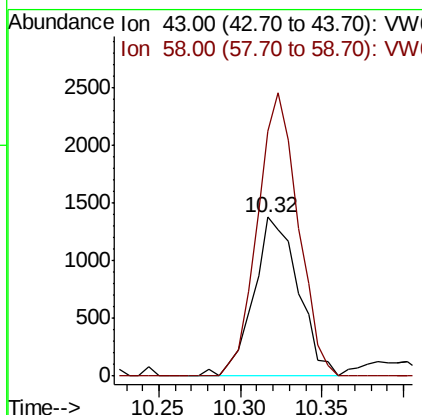
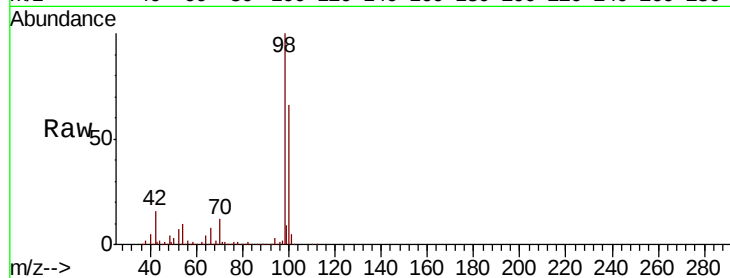




#51
 4-Methyl-2-Pentanone
 Concen: 1.235 ug/l
 RT: 10.32 min Scan# 1380
 Delta R.T. 0.11 min
 Lab File: VW011959.D
 Acq: 16 Aug 2019 12:43

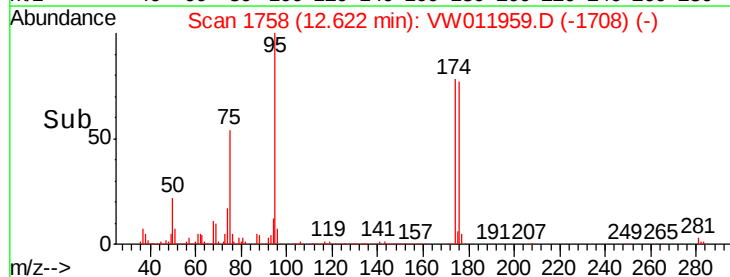
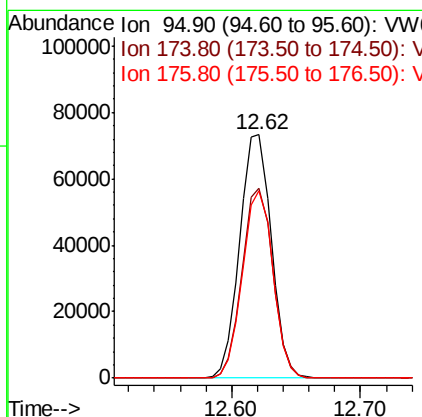
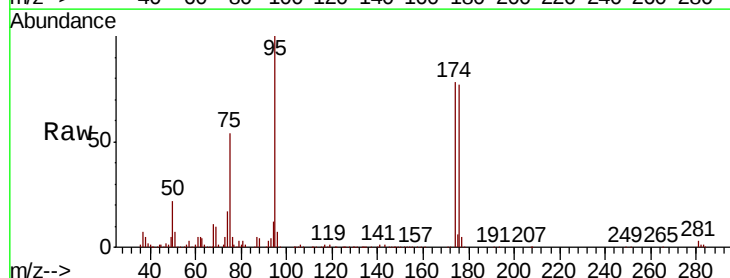
Instrument :
 MSVOA_W
 ClientSampled :
 T8-A1-(4)

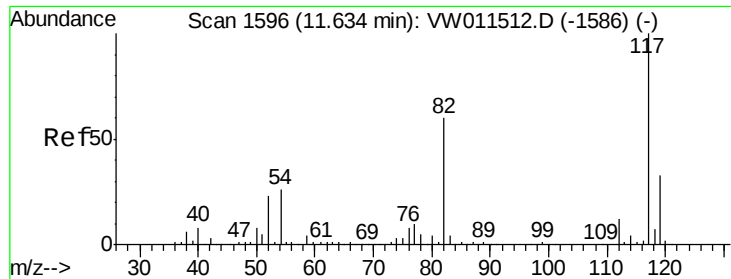
Tgt Ion: 43 Resp: 2603
 Ion Ratio Lower Upper
 43 100
 58 162.5 28.2 42.2#



#62
 4-Bromofluorobenzene
 Concen: 41.211 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.01 min
 Lab File: VW011959.D
 Acq: 16 Aug 2019 12:43

Tgt Ion: 95 Resp: 124296
 Ion Ratio Lower Upper
 95 100
 174 76.6 0.0 150.2
 176 74.6 0.0 144.4

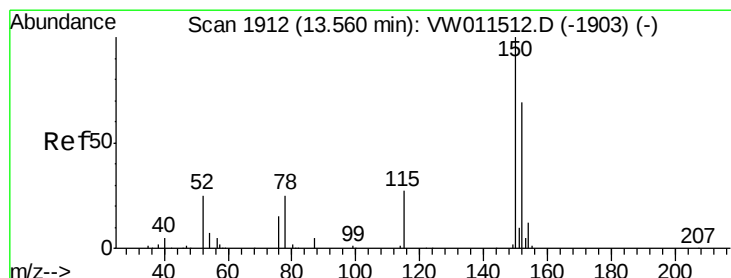
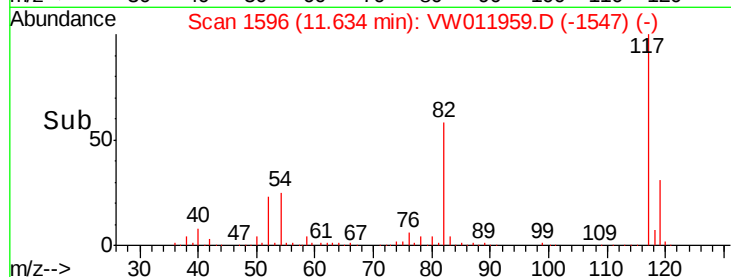
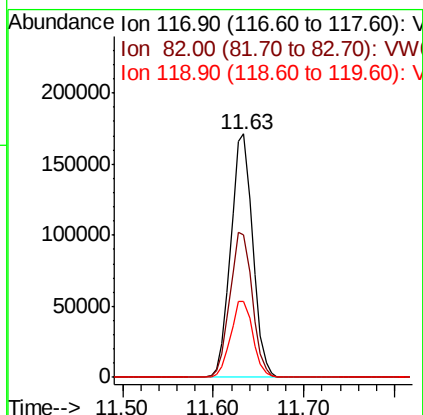
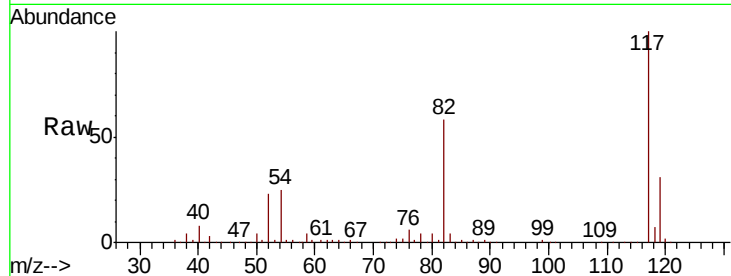




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW011959.D
Acq: 16 Aug 2019 12:43

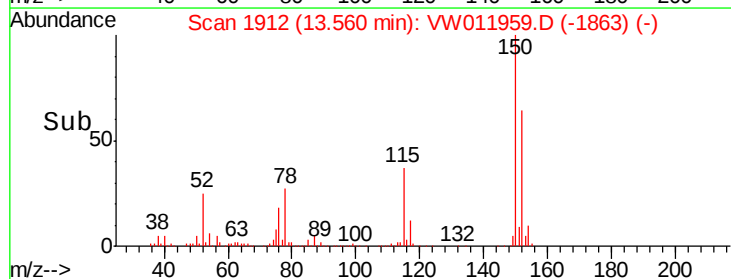
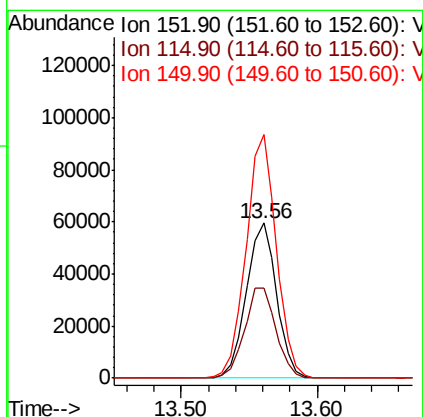
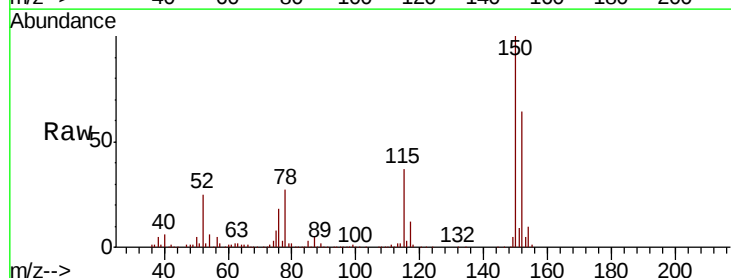
Instrument :
MSVOA_W
ClientSampleId :
T8-A1-(4)

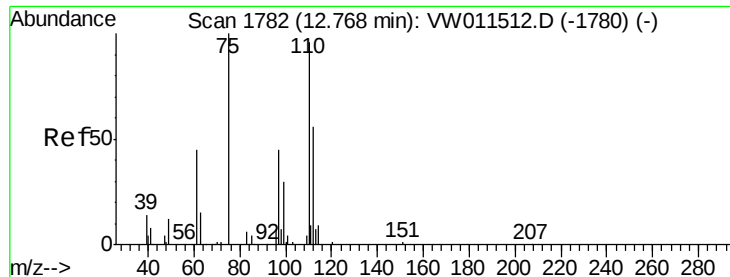
Tgt Ion:117 Resp: 287551
Ion Ratio Lower Upper
117 100
82 58.4 47.9 71.9
119 31.1 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011959.D
Acq: 16 Aug 2019 12:43

Tgt Ion:152 Resp: 93202
Ion Ratio Lower Upper
152 100
115 60.3 30.5 91.5
150 156.1 0.0 352.6





#76

1,2,3-Trichloropropane

Concen: 67.317 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW011959.D

Acq: 16 Aug 2019 12:43

Instrument :

MSVOA_W

ClientSampleId :

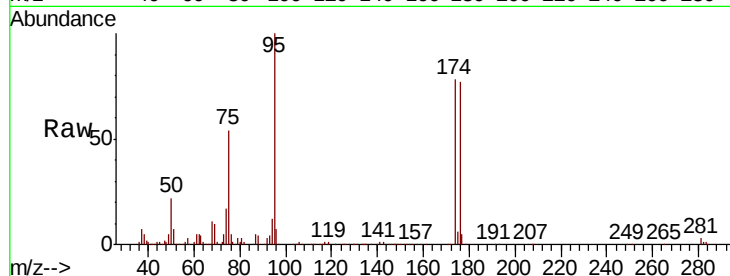
T8-A1-(4)

Tgt Ion: 75 Resp: 66387

Ion Ratio Lower Upper

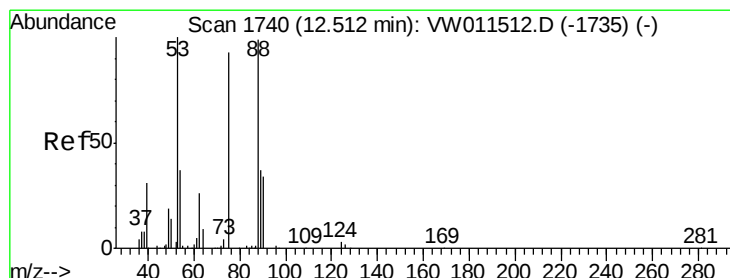
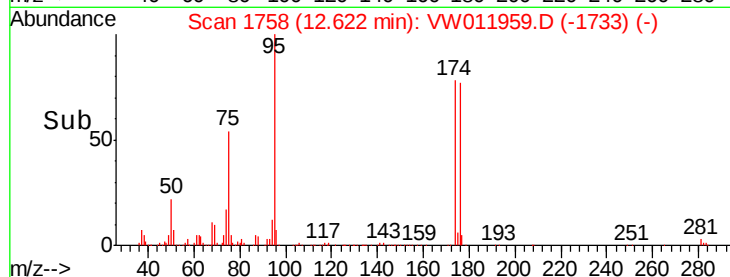
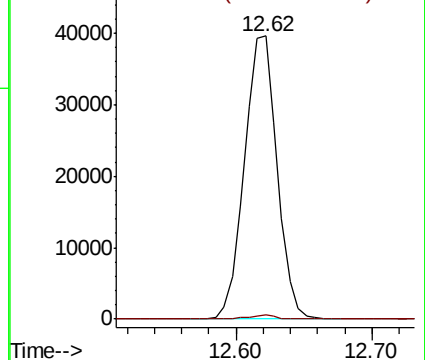
75 100

77 1.4 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: 155.142 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW011959.D

Acq: 16 Aug 2019 12:43

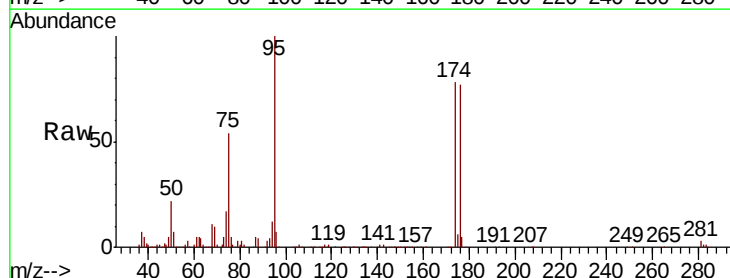
Tgt Ion: 75 Resp: 66387

Ion Ratio Lower Upper

75 100

53 0.1 88.0 132.0#

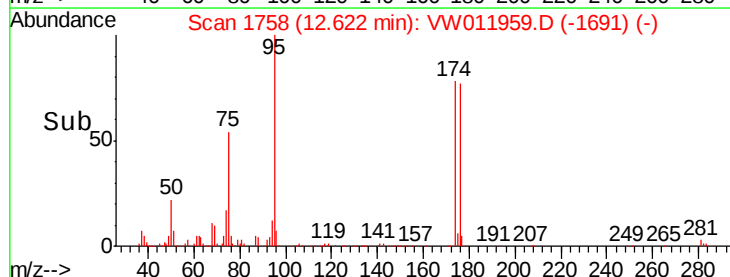
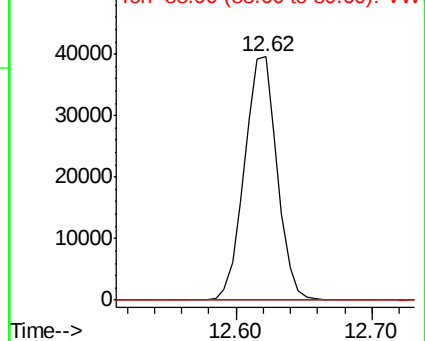
89 0.0 35.3 52.9#

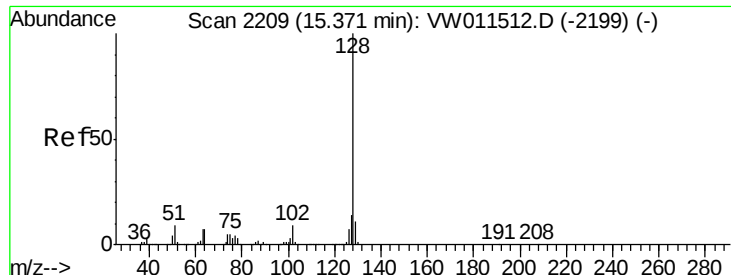


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#95

Naphthalene

Concen: 2.237 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW011959.D

Acq: 16 Aug 2019 12:43

Instrument :

MSVOA_W

ClientSampleId :

T8-A1-(4)

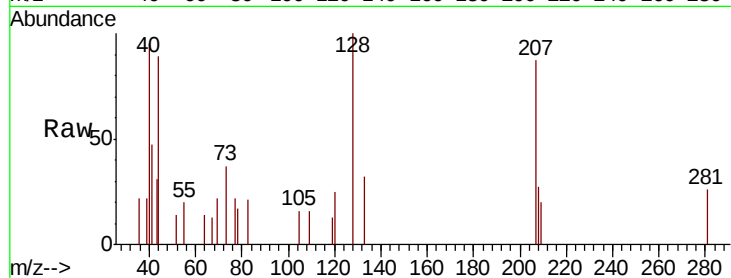
Tgt Ion:128 Resp: 657

Ion Ratio Lower Upper

128 100

127 7.0 10.6 16.0#

129 3.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

