

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081219\
 Data File : VW011832.D
 Acq On : 10 Aug 2019 00:43
 Operator : SY/VA
 Sample : K4227-20
 Misc : 6.69G/5ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-N(0)

Quant Time: Aug 11 01:31:09 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	194548	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	328379	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	271088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	103606	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	132516	59.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.64%	
35) Dibromofluoromethane	7.88	113	101415	55.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.10%	
50) Toluene-d8	10.32	98	403756	53.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.06%	
62) 4-Bromofluorobenzene	12.62	95	123072	45.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.54%	

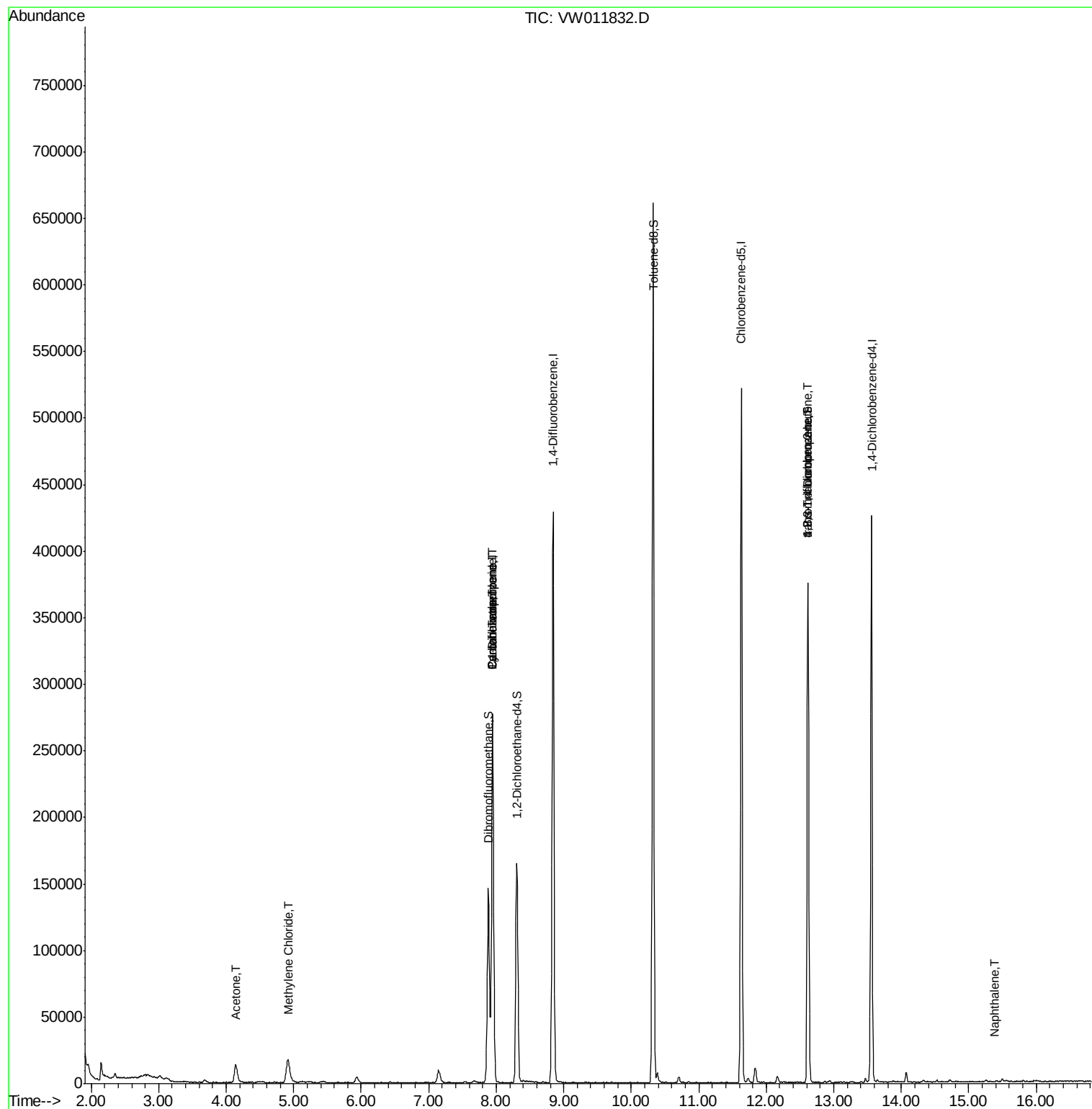
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	455	Below Cal	#	84
16) Acetone	4.14	43	29100	40.950	ug/l	100
20) Methylene Chloride	4.92	84	13623	5.559	ug/l	96
31) Cyclohexane	7.95	56	5440	1.302	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17001	4.979	ug/l #	52
38) Carbon Tetrachloride	7.95	117	19979	6.835	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	66829	60.960	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	66829	140.492	ug/l #	6
95) Naphthalene	15.38	128	241	2.122	ug/l #	69

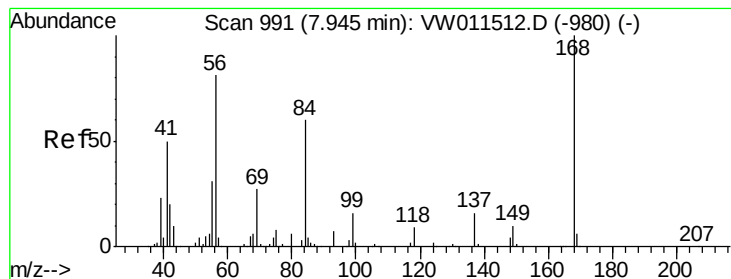
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081219\
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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
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: VW011832.D

Acq: 10 Aug 2019 00:43

Instrument :

MSVOA_W

ClientSampleId :

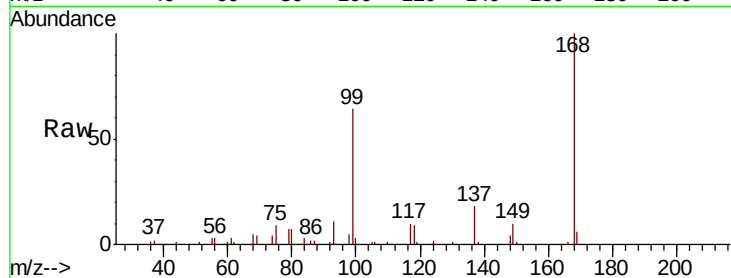
1S-N(0)

Tgt Ion:168 Resp: 194548

Ion Ratio Lower Upper

168 100

99 63.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

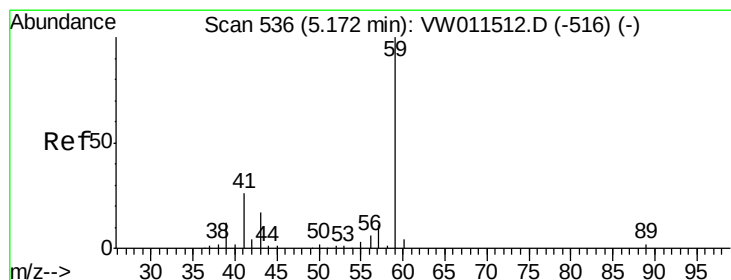
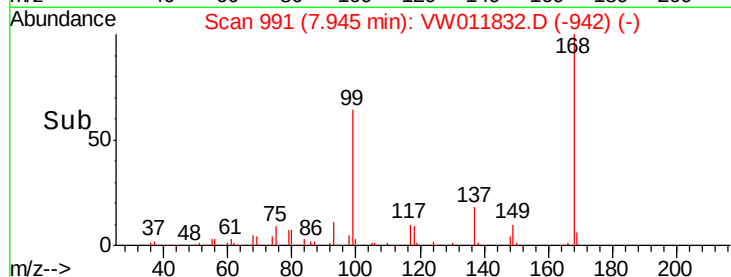
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.20 min Scan# 541

Delta R.T. 0.03 min

Lab File: VW011832.D

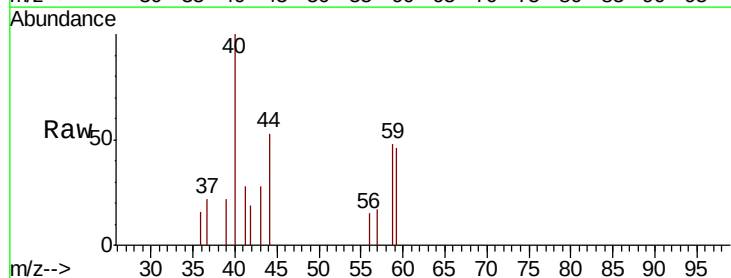
Acq: 10 Aug 2019 00:43

Tgt Ion: 59 Resp: 455

Ion Ratio Lower Upper

59 100

57 16.7 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.20

400

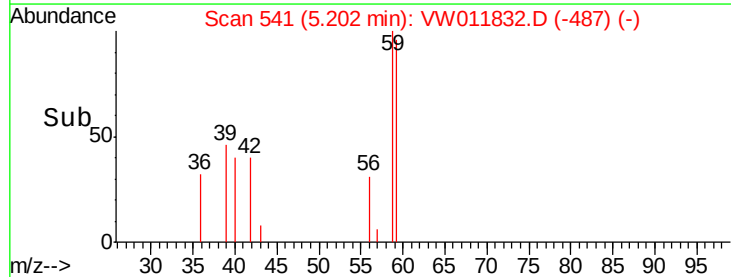
300

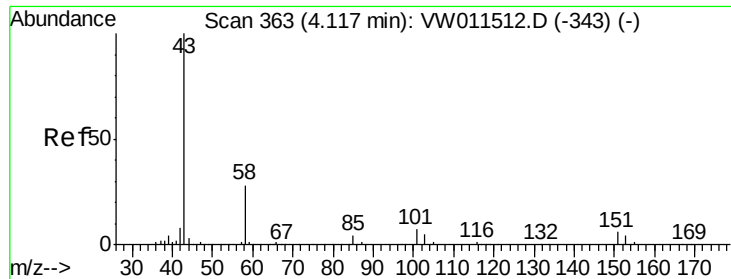
200

100

0

Time-->





#16

Acetone

Concen: 40.950 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW011832.D

Acq: 10 Aug 2019 00:43

Instrument :

MSVOA_W

ClientSampleId :

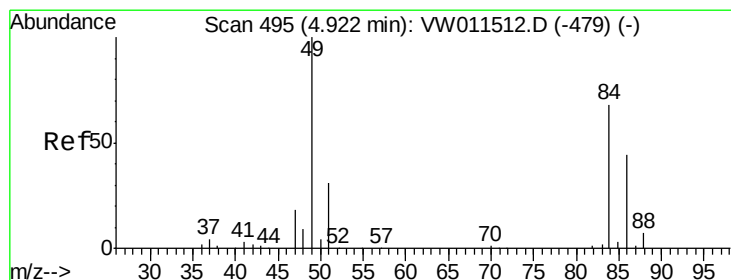
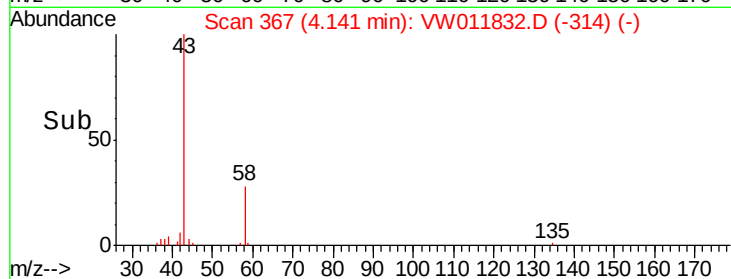
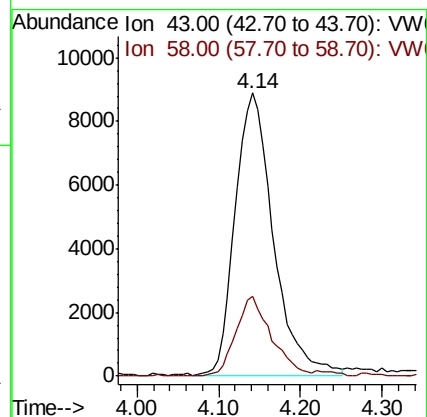
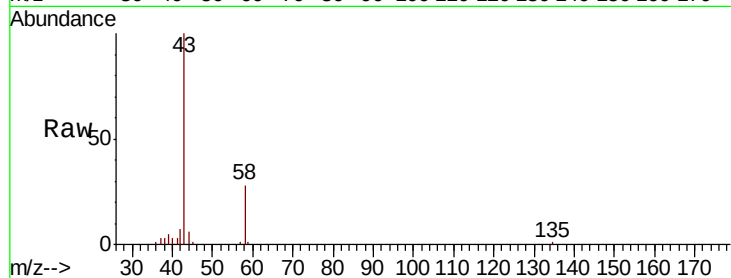
1S-N(0)

Tgt Ion: 43 Resp: 29100

Ion Ratio Lower Upper

43 100

58 28.1 22.3 33.5



#20

Methylene Chloride

Concen: 5.559 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW011832.D

Acq: 10 Aug 2019 00:43

Tgt Ion: 84 Resp: 13623

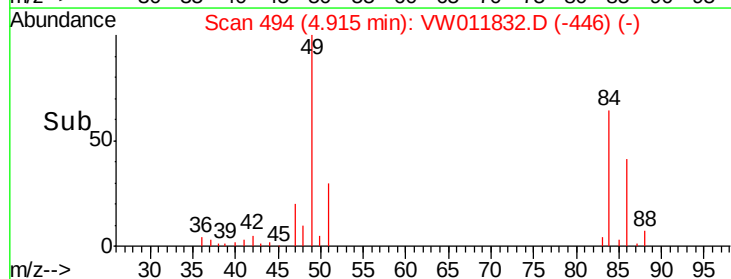
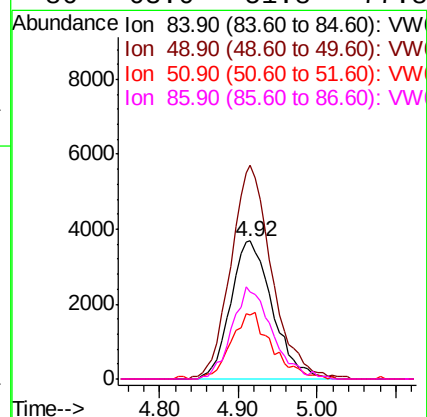
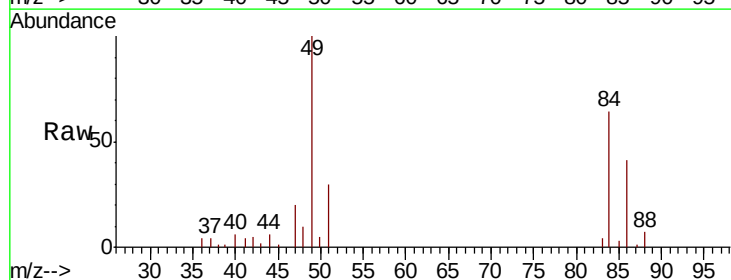
Ion Ratio Lower Upper

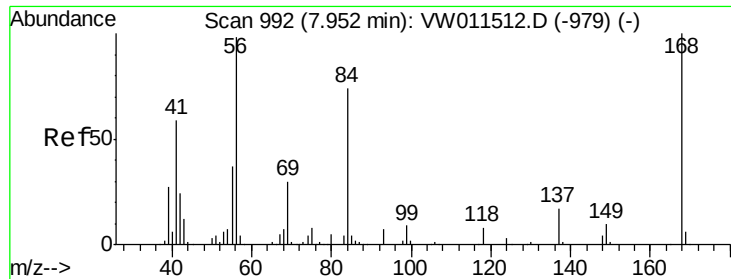
84 100

49 153.6 117.8 176.6

51 46.8 37.0 55.4

86 63.0 51.8 77.8

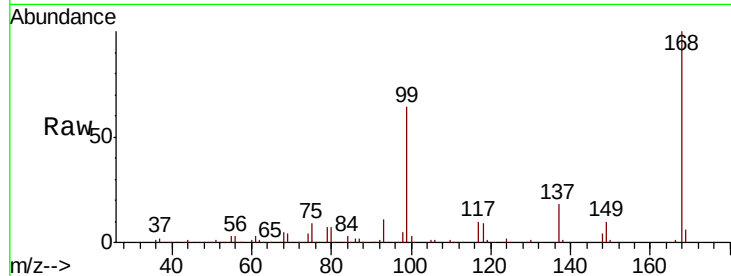




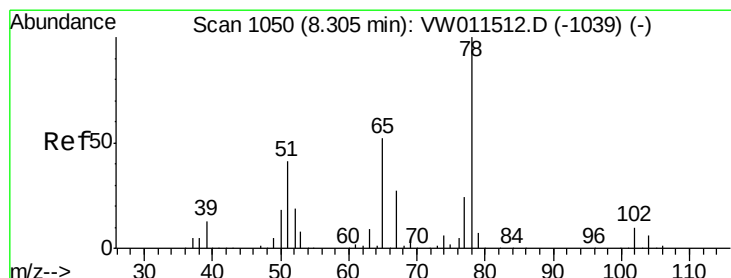
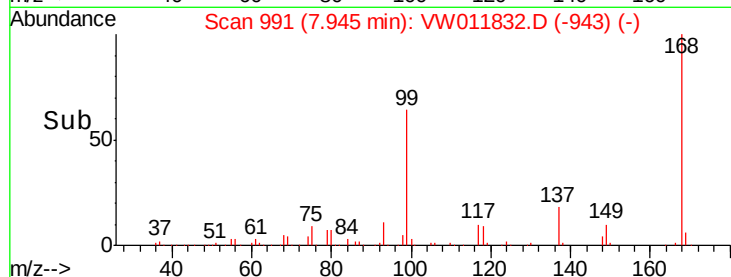
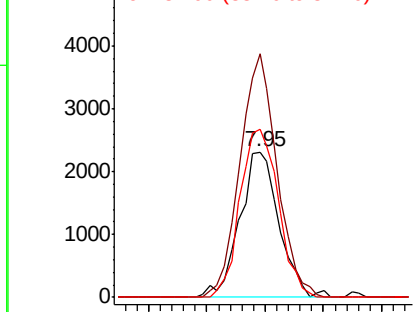
#31
Cyclohexane
Concen: 1.302 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW011832.D
Acq: 10 Aug 2019 00:43

Instrument :
MSVOA_W
ClientSampleId :
1S-N(0)

Tgt Ion: 56 Resp: 5440
Ion Ratio Lower Upper
56 100
69 167.3 24.3 36.5#
84 115.6 60.4 90.6#

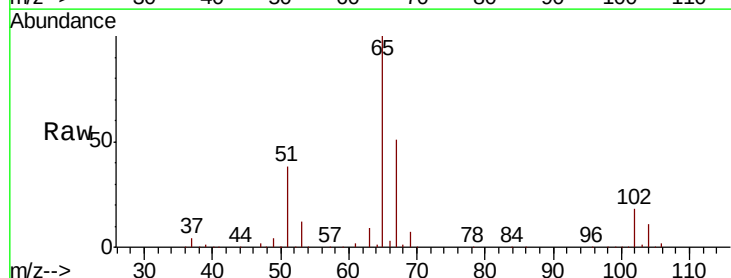


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

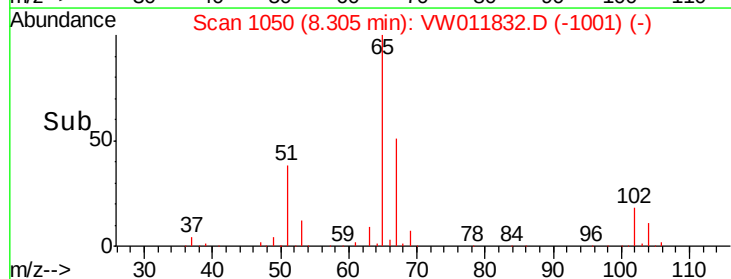
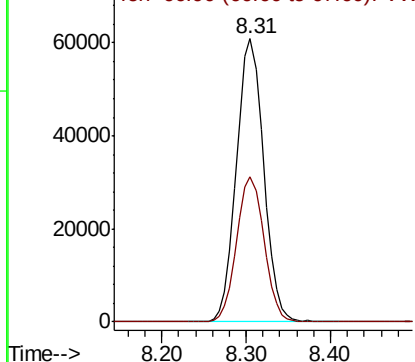


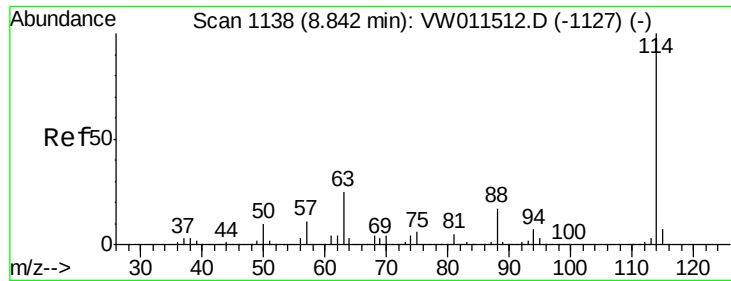
#33
1,2-Dichloroethane-d4
Concen: 59.319 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW011832.D
Acq: 10 Aug 2019 00:43

Tgt Ion: 65 Resp: 132516
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.2



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

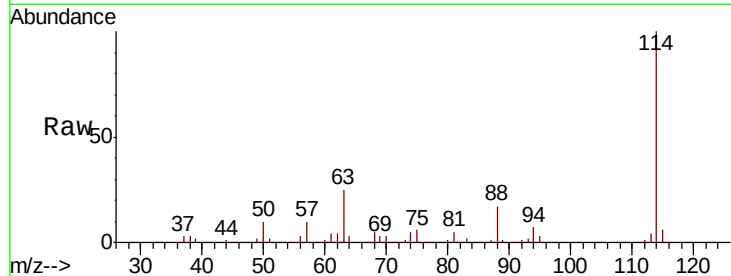




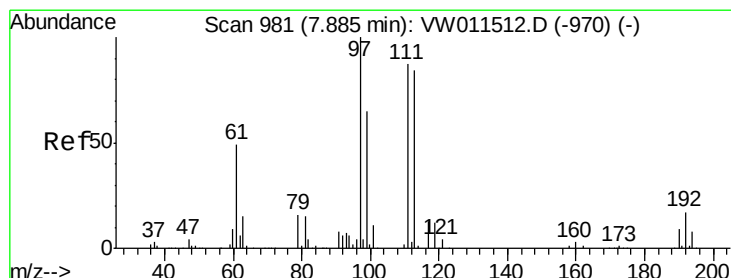
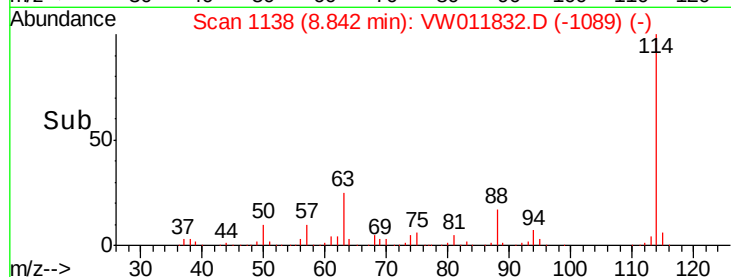
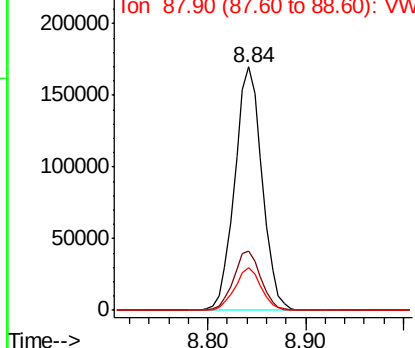
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW011832.D
Acq: 10 Aug 2019 00:43

Instrument :
MSVOA_W
ClientSampleId :
1S-N(0)

Tgt Ion:114 Resp: 328379
Ion Ratio Lower Upper
114 100
63 24.5 0.0 49.2
88 17.5 0.0 33.8

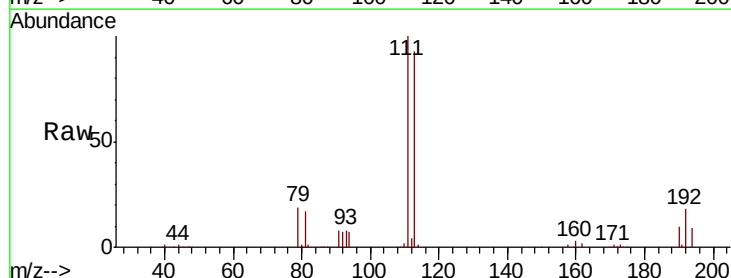


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

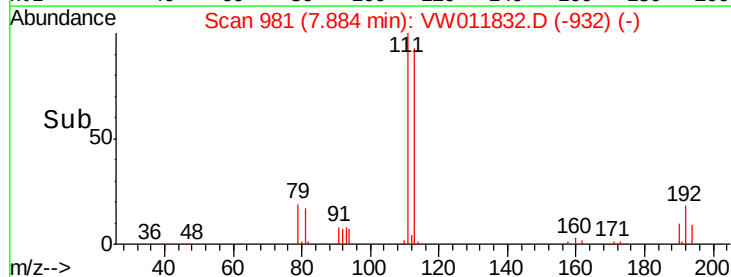
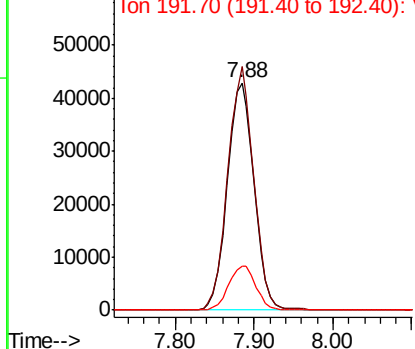


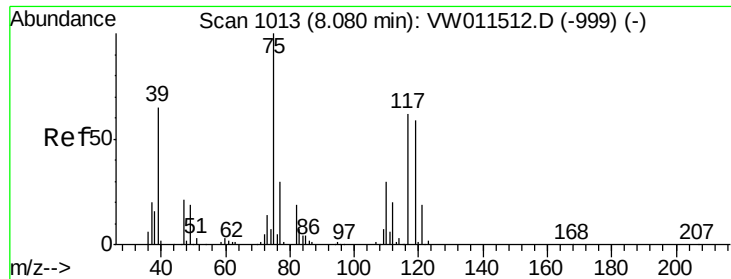
#35
Dibromofluoromethane
Concen: 55.049 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW011832.D
Acq: 10 Aug 2019 00:43

Tgt Ion:113 Resp: 101415
Ion Ratio Lower Upper
113 100
111 103.8 82.7 124.1
192 19.8 16.1 24.1



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

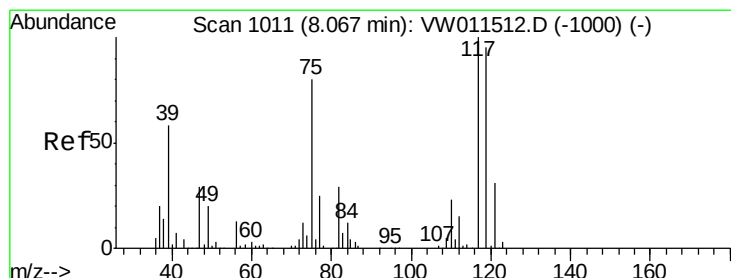
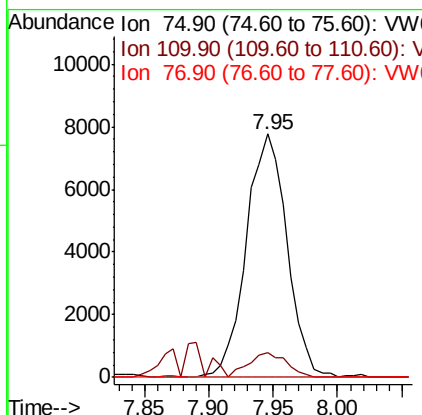
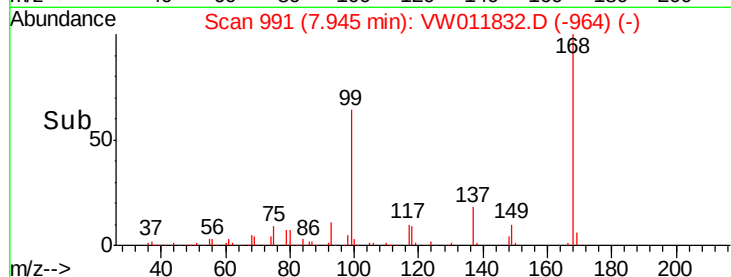
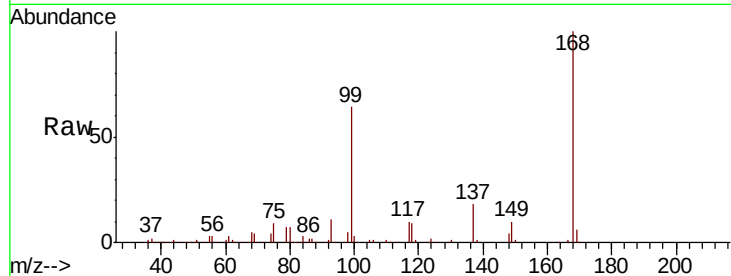




#36
 1,1-Dichloropropene
 Concen: 4.979 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011832.D
 Acq: 10 Aug 2019 00:43

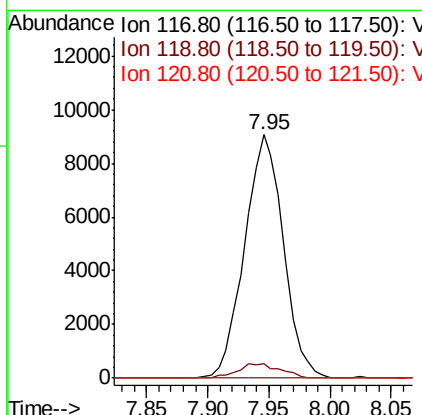
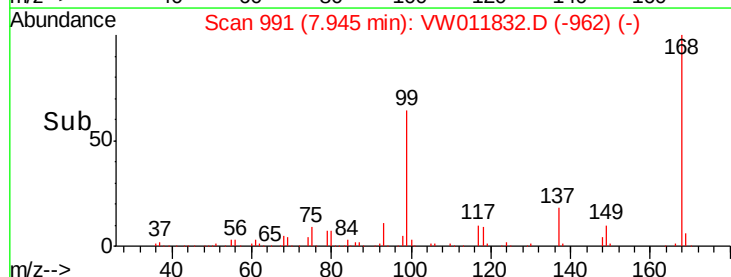
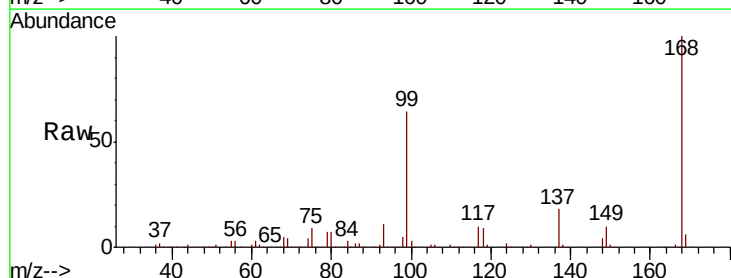
Instrument :
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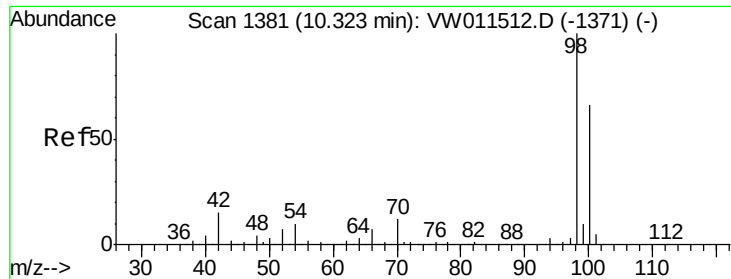
Tgt Ion: 75 Resp: 17001
 Ion Ratio Lower Upper
 75 100
 110 9.4 15.6 46.8#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 6.835 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011832.D
 Acq: 10 Aug 2019 00:43

Tgt Ion: 117 Resp: 19979
 Ion Ratio Lower Upper
 117 100
 119 6.2 75.8 113.6#
 121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 53.529 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011832.D

Acq: 10 Aug 2019 00:43

Instrument :

MSVOA_W

ClientSampled :

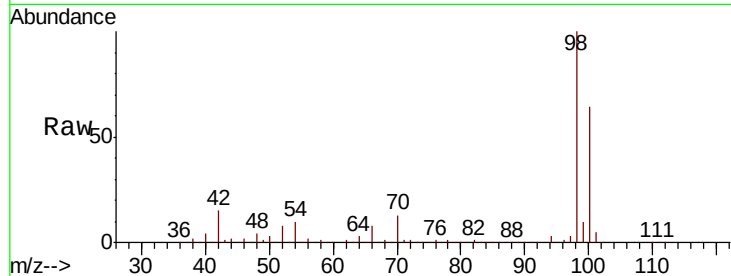
1S-N(0)

Tgt Ion: 98 Resp: 403756

Ion Ratio Lower Upper

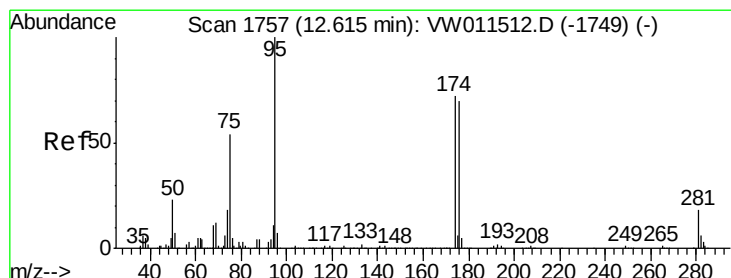
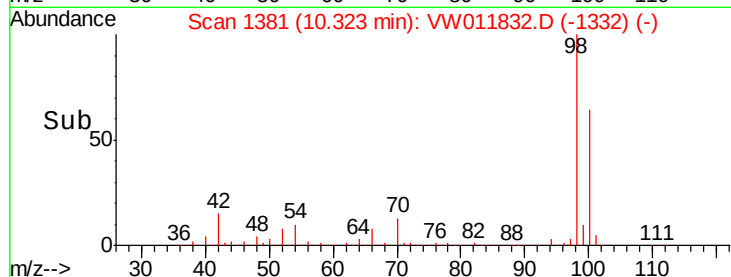
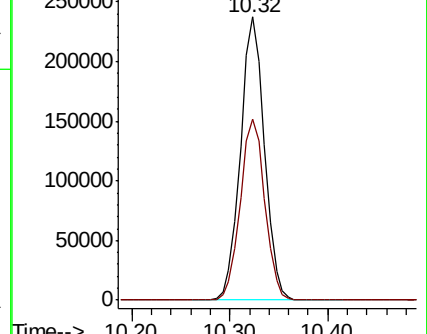
98 100

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): VW



#62

4-Bromofluorobenzene

Concen: 45.766 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011832.D

Acq: 10 Aug 2019 00:43

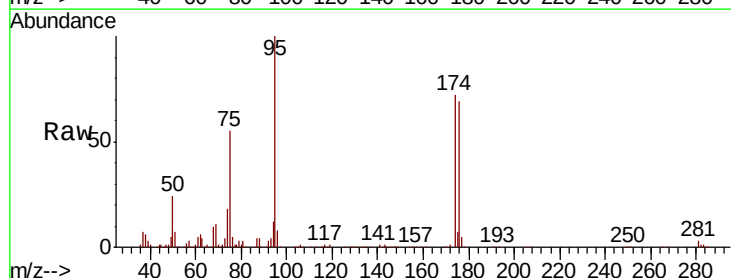
Tgt Ion: 95 Resp: 123072

Ion Ratio Lower Upper

95 100

174 76.2 0.0 150.2

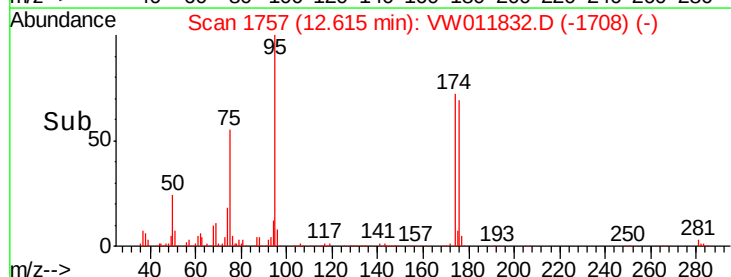
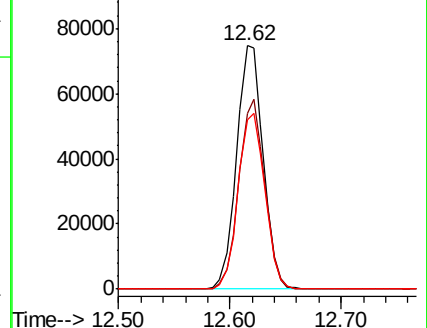
176 72.7 0.0 144.4

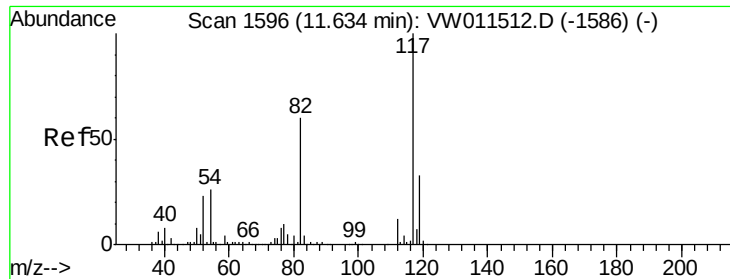


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

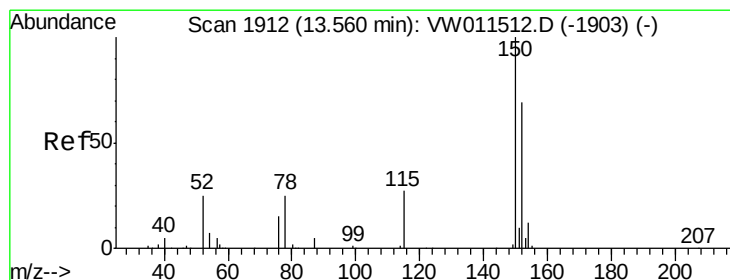
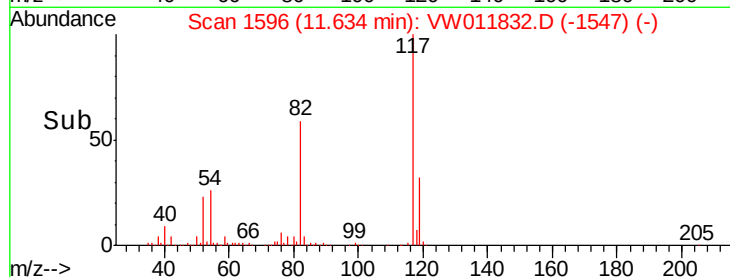
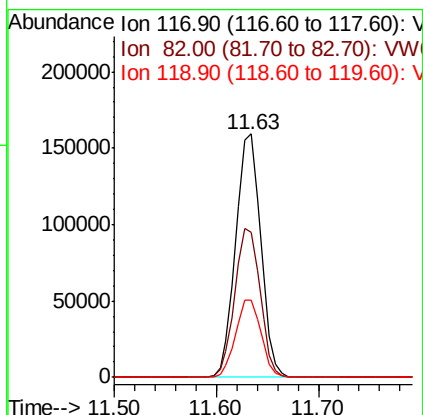
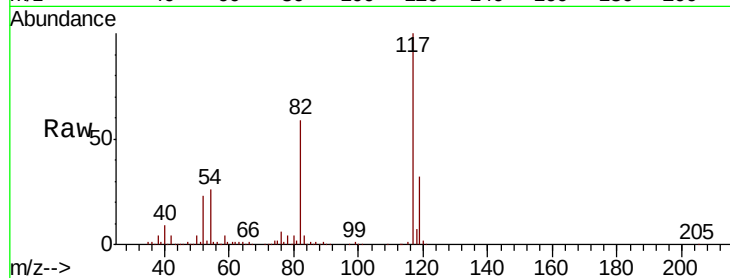




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011832.D
Acq: 10 Aug 2019 00:43

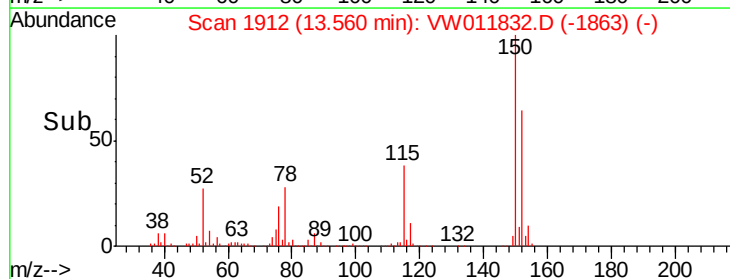
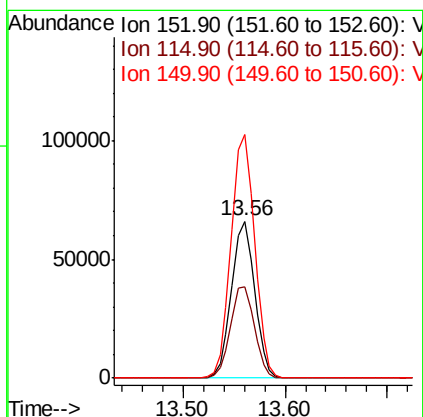
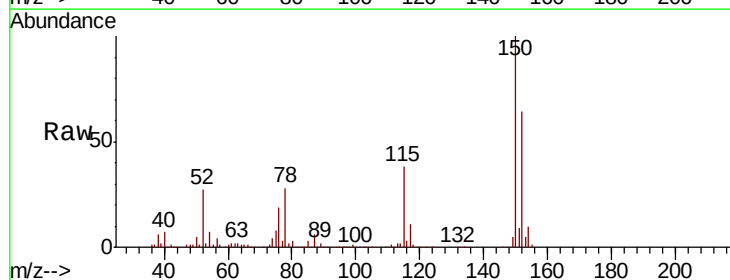
Instrument :
MSVOA_W
ClientSampleId :
1S-N(0)

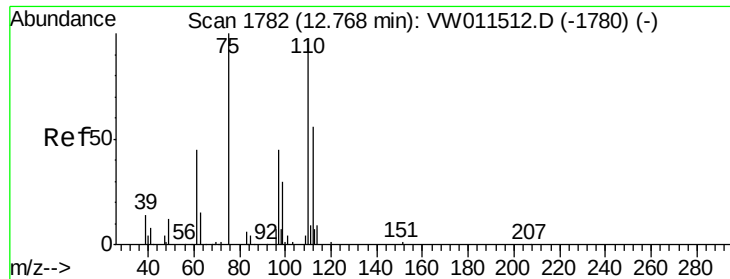
Tgt Ion:117 Resp: 271088
Ion Ratio Lower Upper
117 100
82 59.4 47.9 71.9
119 31.6 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011832.D
Acq: 10 Aug 2019 00:43

Tgt Ion:152 Resp: 103606
Ion Ratio Lower Upper
152 100
115 60.7 30.5 91.5
150 158.2 0.0 352.6

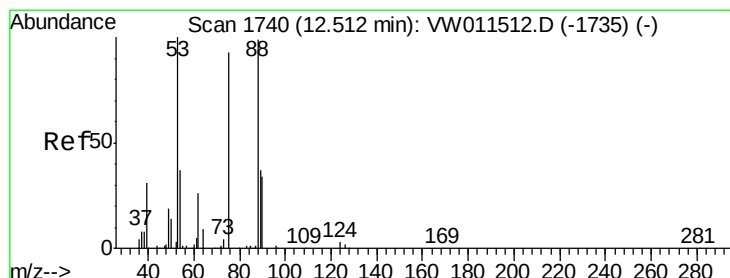
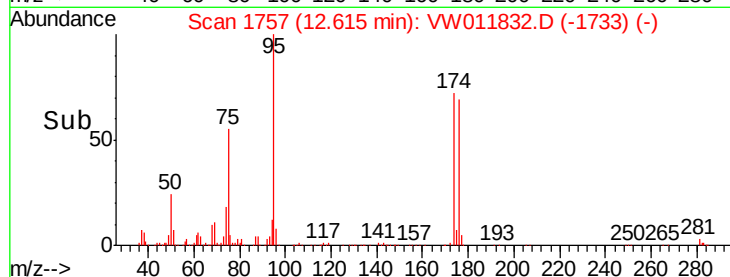
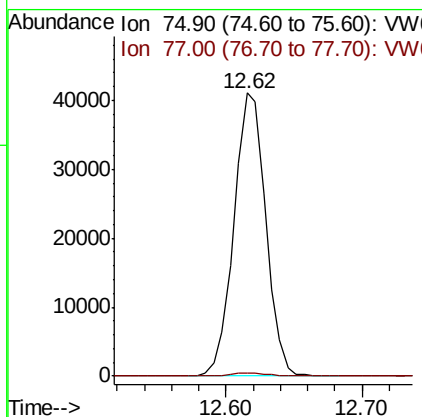
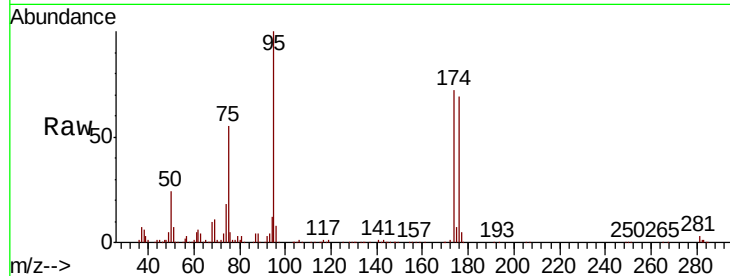




#76
 1,2,3-Trichloropropane
 Concen: 60.960 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW011832.D
 Acq: 10 Aug 2019 00:43

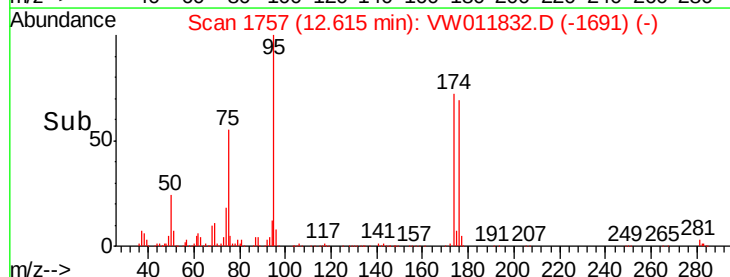
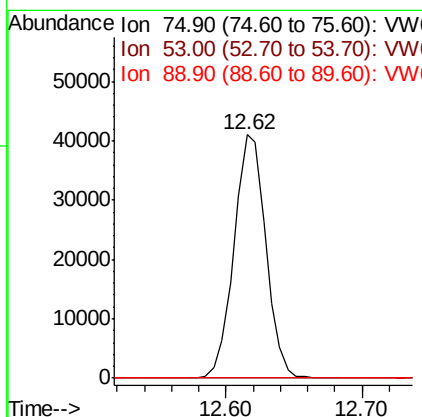
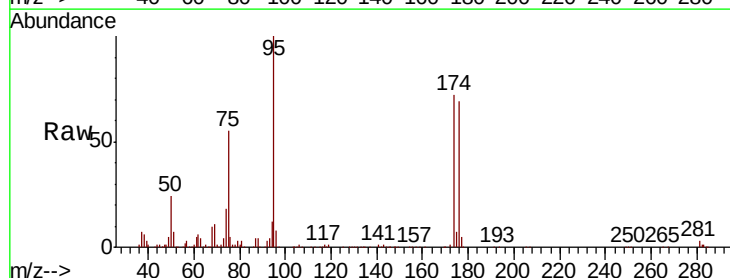
Instrument :
 MSVOA_W
 ClientSampleId :
 1S-N(0)

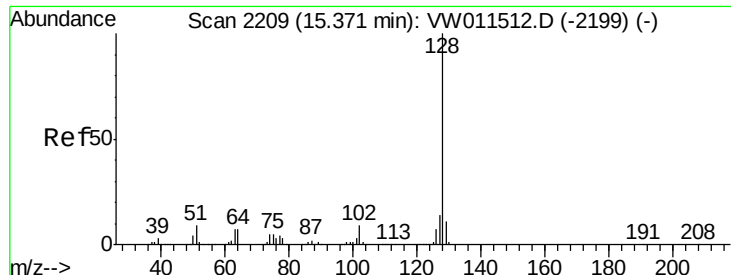
Tgt Ion: 75 Resp: 66829
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 140.492 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW011832.D
 Acq: 10 Aug 2019 00:43

Tgt Ion: 75 Resp: 66829
 Ion Ratio Lower Upper
 75 100
 53 0.1 88.0 132.0#
 89 0.0 35.3 52.9#

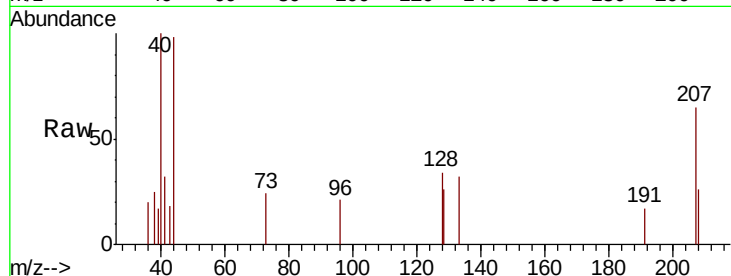




#95
Naphthalene
Concen: 2.122 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW011832.D
Acq: 10 Aug 2019 00:43

Instrument :
MSVOA_W
ClientSampleId :
1S-N(0)

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	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

