

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081619\
 Data File : VW011930.D
 Acq On : 15 Aug 2019 16:09
 Operator : SY/VA
 Sample : K4254-02
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 15 16:38:15 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	192997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	325767	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	267303	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	106727	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	121401	54.78	ug/l	0.00
Spiked Amount			Recovery	=	109.56%	
35) Dibromofluoromethane	7.88	113	99154	54.25	ug/l	0.00
Spiked Amount			Recovery	=	108.50%	
50) Toluene-d8	10.32	98	397947	53.18	ug/l	0.00
Spiked Amount			Recovery	=	106.36%	
62) 4-Bromofluorobenzene	12.62	95	123802	46.41	ug/l	0.00
Spiked Amount			Recovery	=	92.82%	

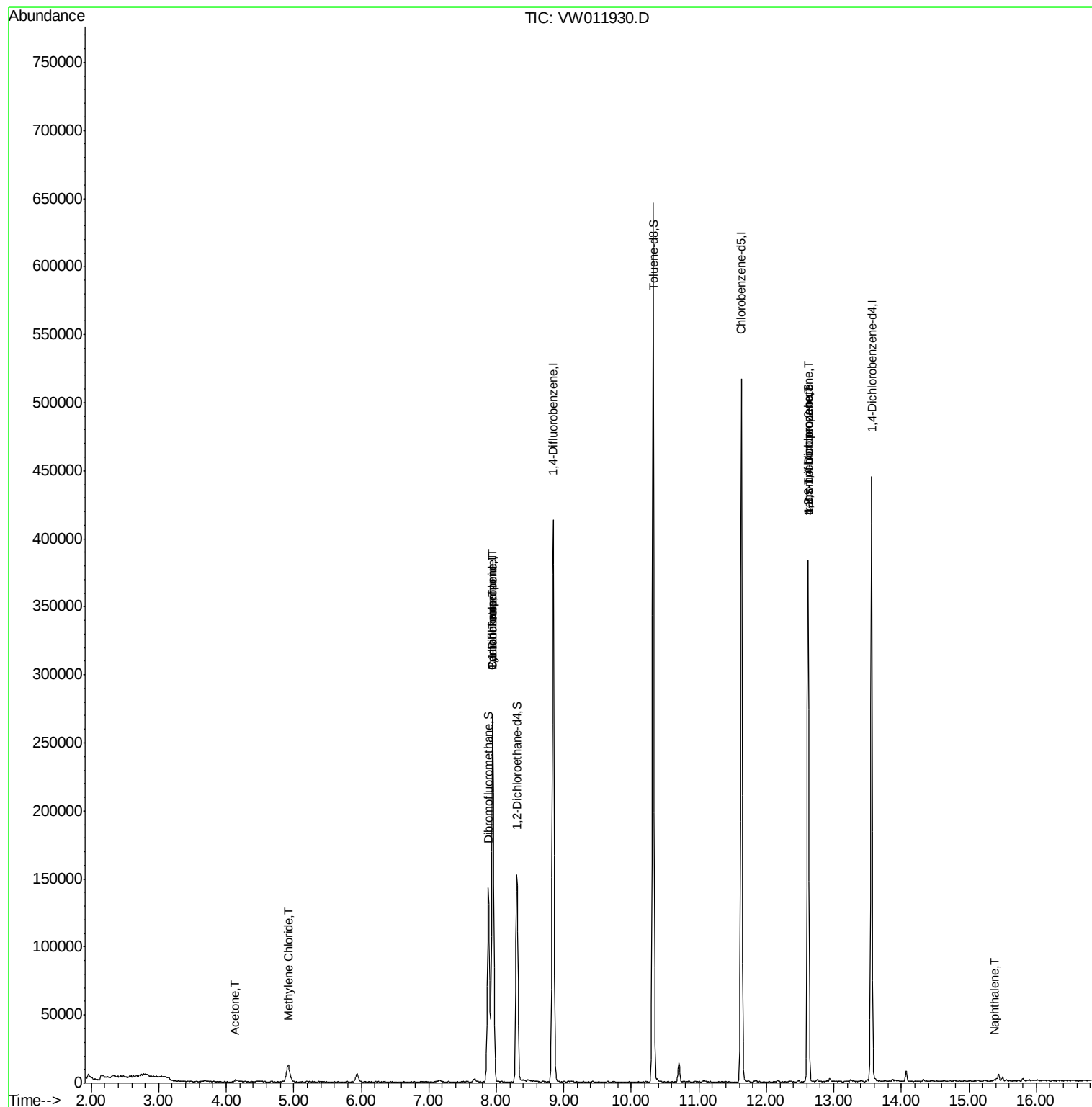
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	110	Below Cal	#	72
16) Acetone	4.14	43	3230	4.582	ug/l	99
20) Methylene Chloride	4.91	84	9582	3.941	ug/l	84
31) Cyclohexane	7.95	56	4867	1.175	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	16959	5.007	ug/l #	51
38) Carbon Tetrachloride	7.95	117	19629	6.769	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	68136	60.335	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	68136	139.051	ug/l #	6
95) Naphthalene	15.37	128	868	2.263	ug/l #	80

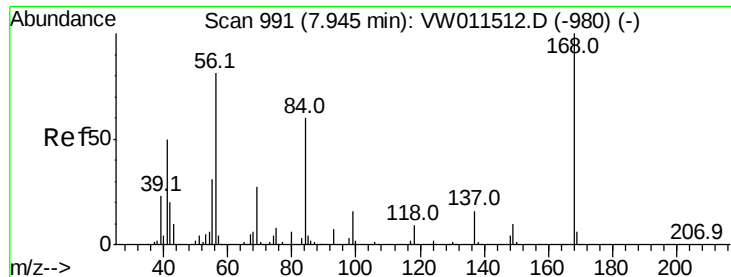
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081619\
Data File : VW011930.D
Acq On : 15 Aug 2019 16:09
Operator : SY/VA
Sample : K4254-02
Misc : 5.02G/5ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Aug 15 16:38:15 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration

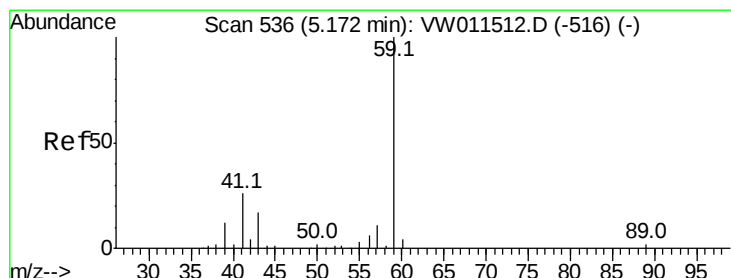
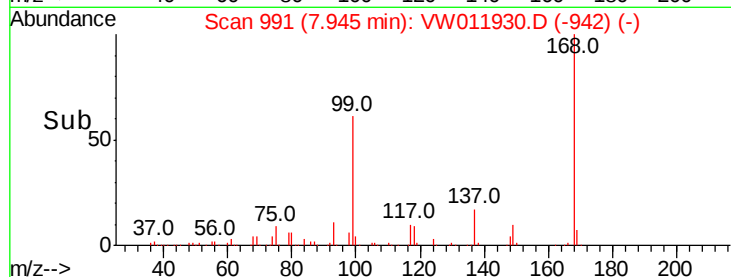
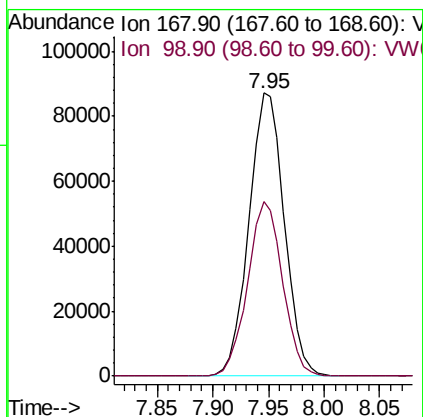
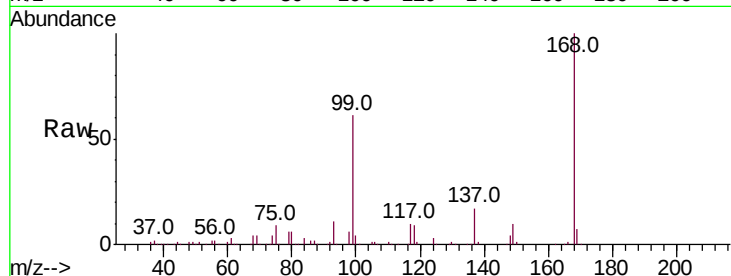




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.00 min
Lab File: VW011930.D
Acq: 15 Aug 2019 16:09

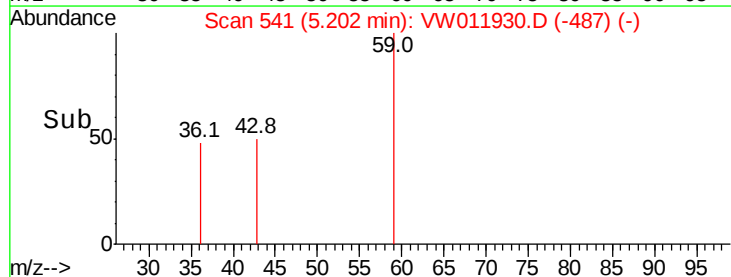
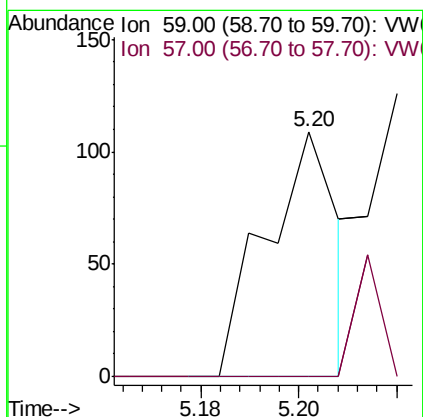
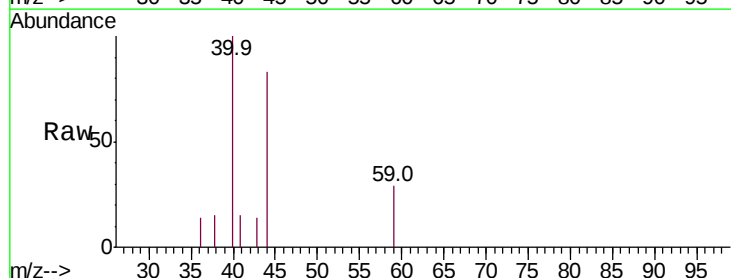
Instrument :
MSVOA_W
ClientSampleId :

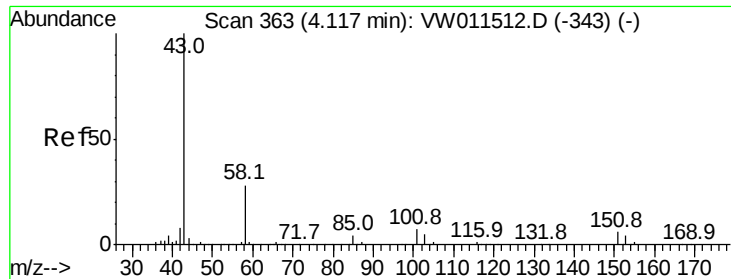
Tot Ion:168 Resp: 192997
Ion Ratio Lower Upper
168 100
99 61.5 48.2 72.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.20 min Scan# 541
Delta R.T. 0.03 min
Lab File: VW011930.D
Acq: 15 Aug 2019 16:09

Tgt Ion: 59 Resp: 110
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#





#16

Acetone

Concen: 4.582 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW011930.D

Acq: 15 Aug 2019 16:09

Instrument :

MSVOA_W

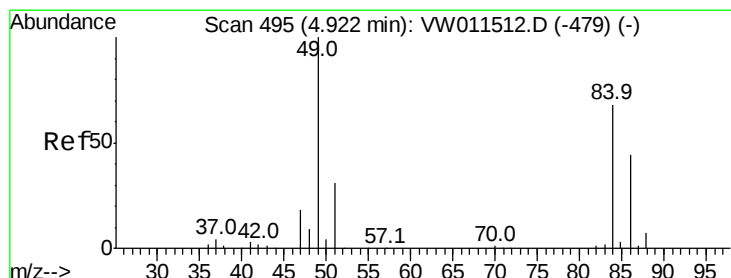
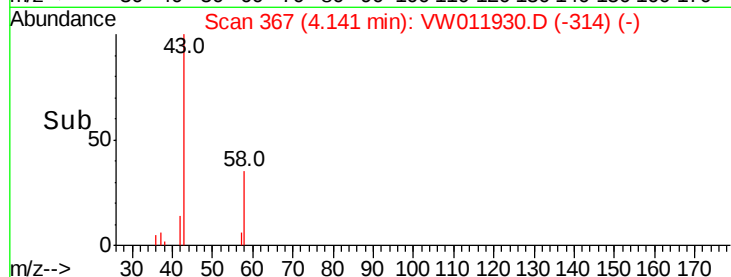
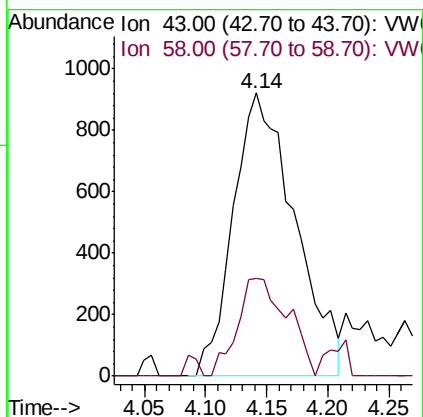
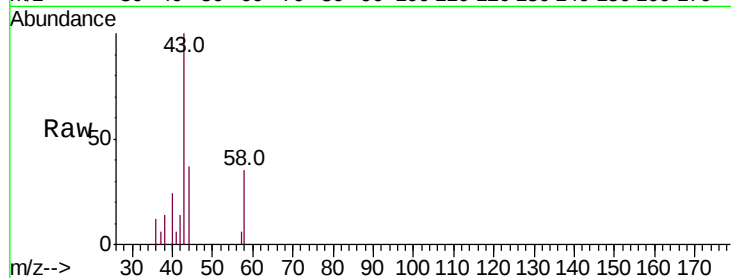
ClientSampled :

Tot Ion: 43 Resp: 3230

Ion Ratio Lower Upper

43 100

58 27.1 22.3 33.5



#20

Methylene Chloride

Concen: 3.941 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW011930.D

Acq: 15 Aug 2019 16:09

Tgt Ion: 84 Resp: 9582

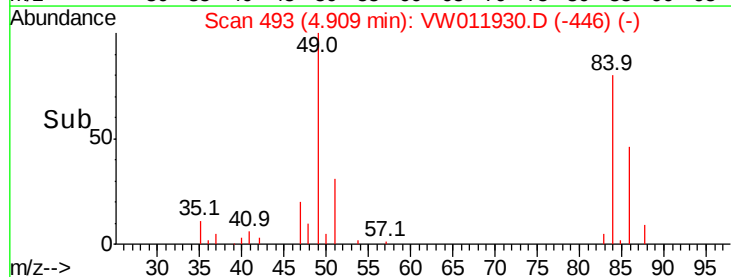
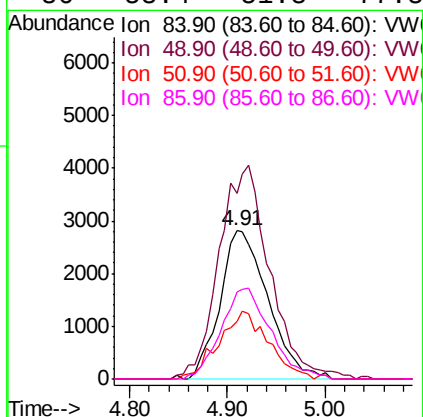
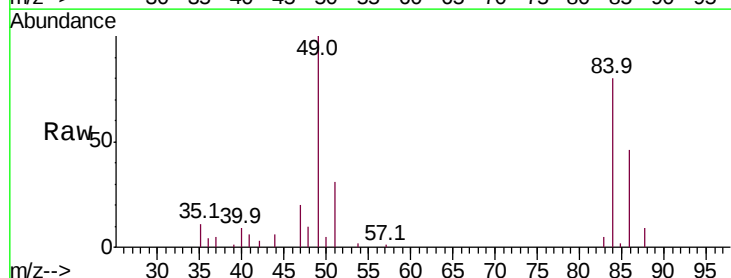
Ion Ratio Lower Upper

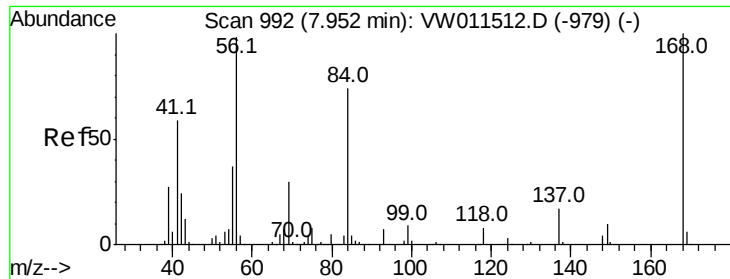
84 100

49 121.6 117.8 176.6

51 39.1 37.0 55.4

86 58.4 51.8 77.8

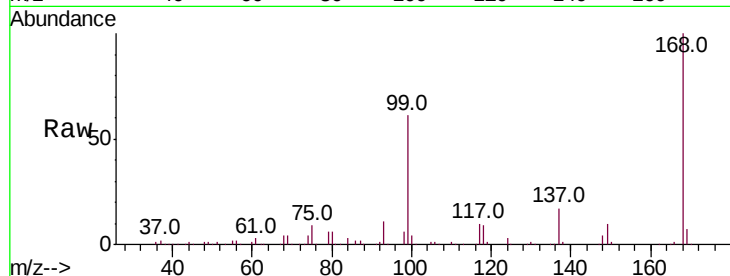




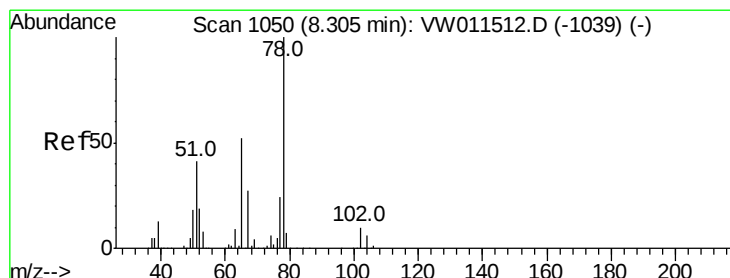
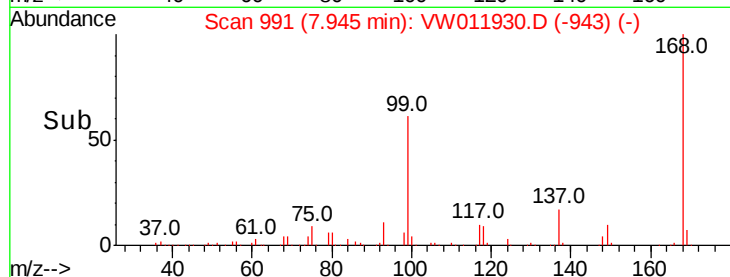
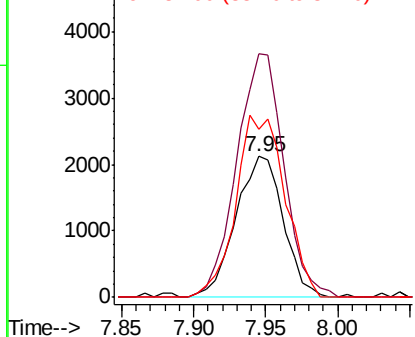
#31
Cyclohexane
Concen: 1.175 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW011930.D
Acq: 15 Aug 2019 16:09

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 4867
Ion Ratio Lower Upper
56 100
69 172.5 24.3 36.5#
84 119.4 60.4 90.6#

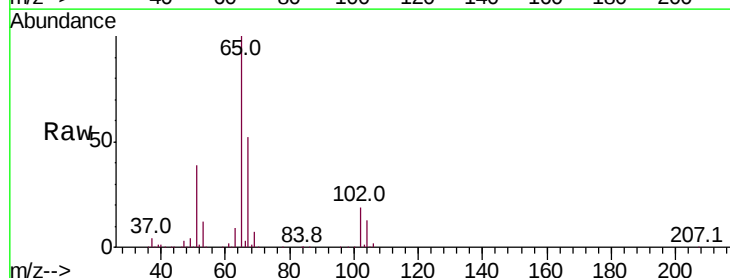


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

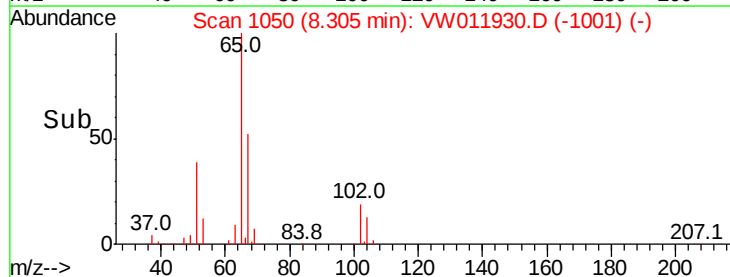
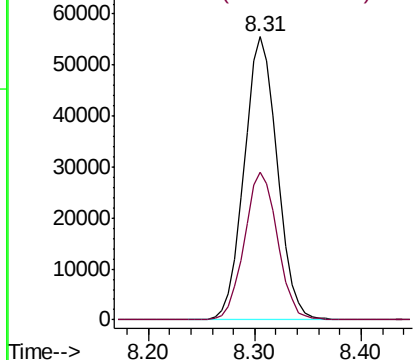


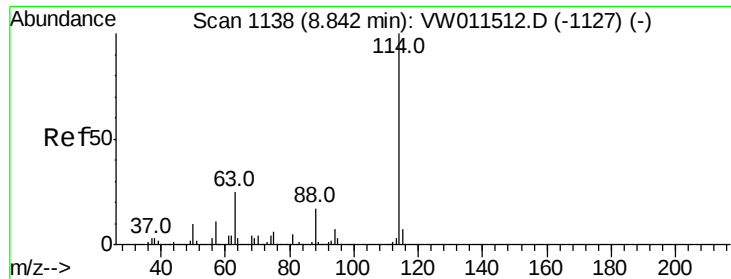
#33
1,2-Dichloroethane-d4
Concen: 54.780 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW011930.D
Acq: 15 Aug 2019 16:09

Tgt Ion: 65 Resp: 121401
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.2



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

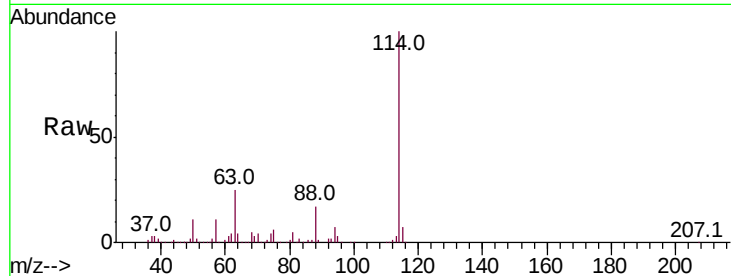




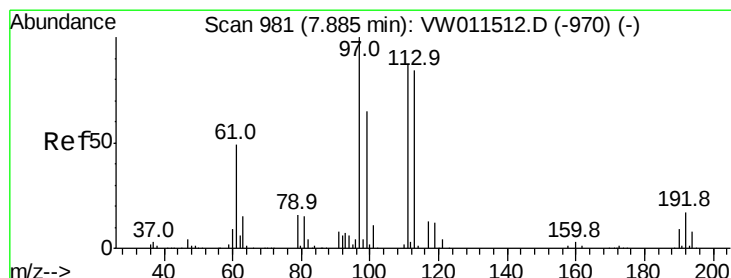
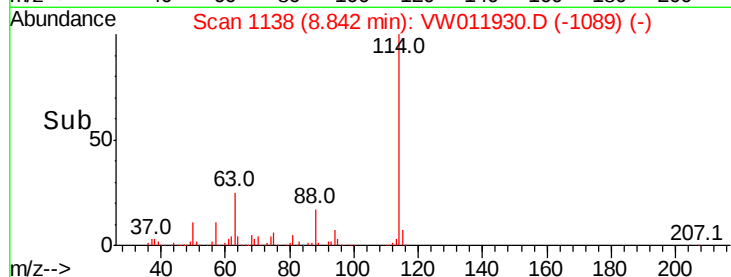
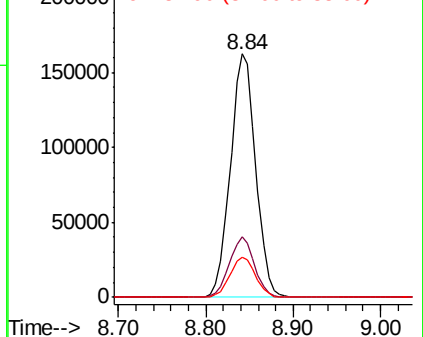
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW011930.D
Acq: 15 Aug 2019 16:09

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.0	0.0	49.2
88	16.7	0.0	33.8

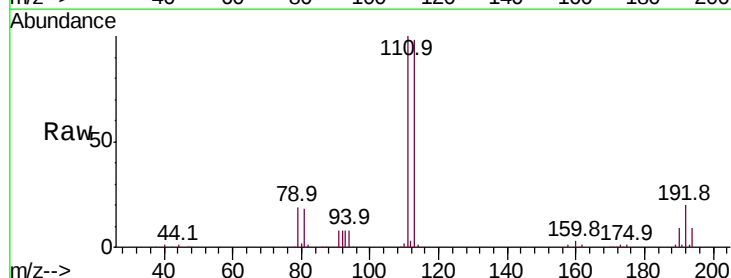


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

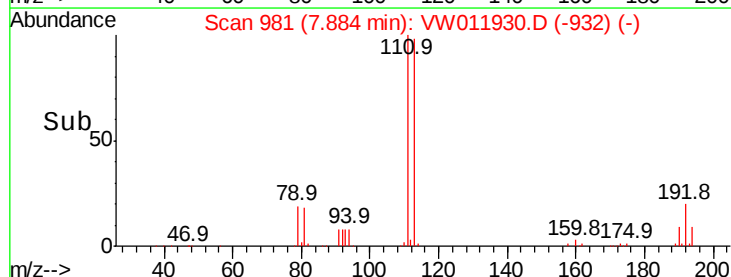
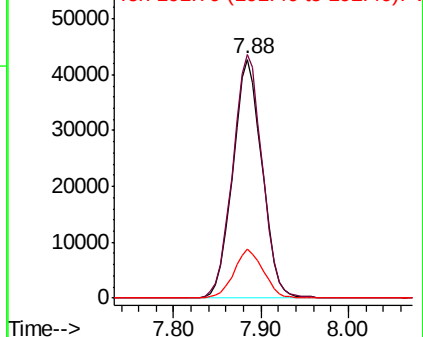


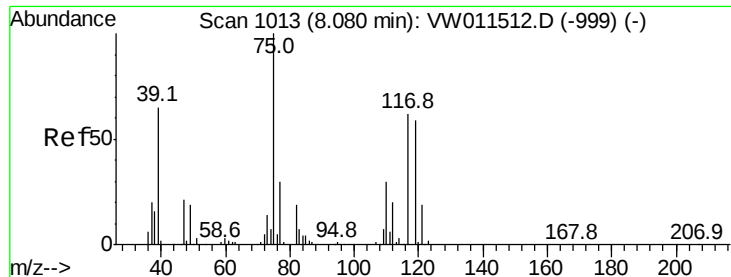
#35
Dibromofluoromethane
Concen: 54.253 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW011930.D
Acq: 15 Aug 2019 16:09

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.7	124.1
192	20.4	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

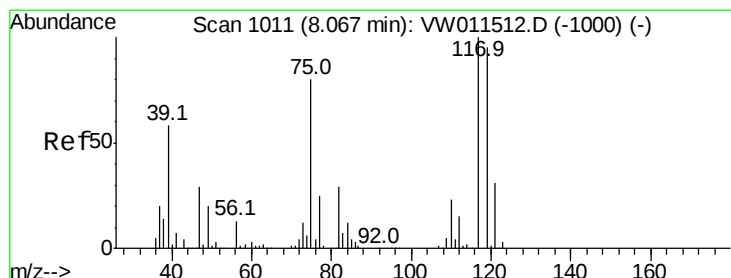
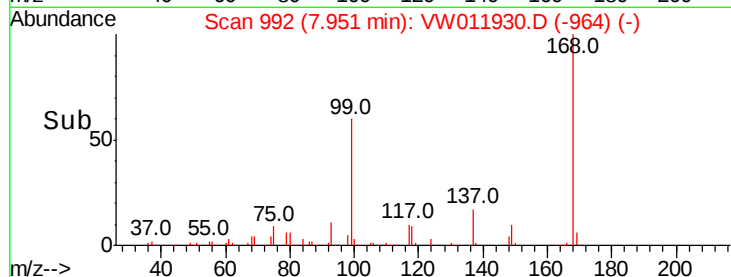
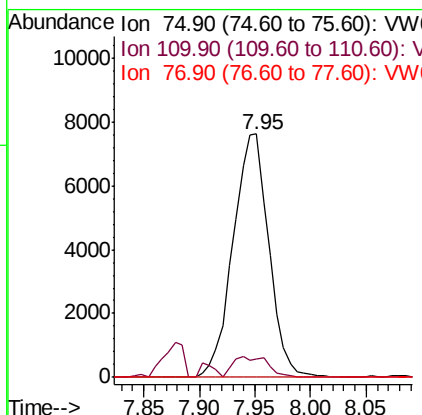
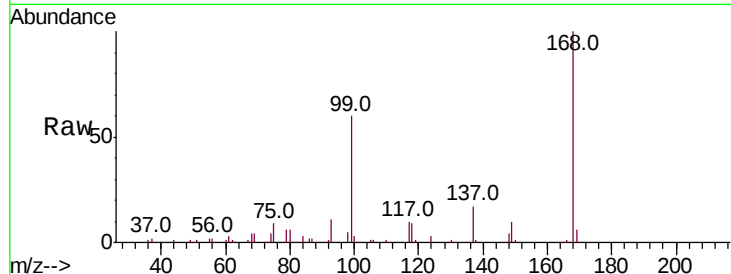




#36
 1,1-Dichloropropene
 Concen: 5.007 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW011930.D
 Acq: 15 Aug 2019 16:09

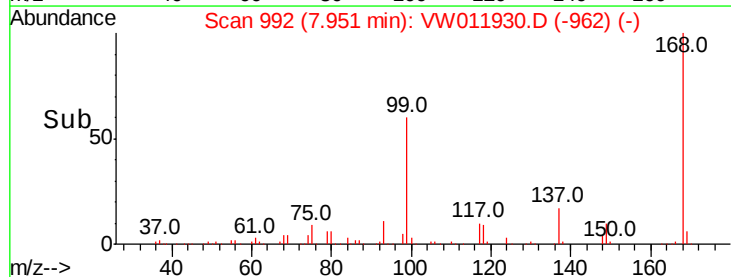
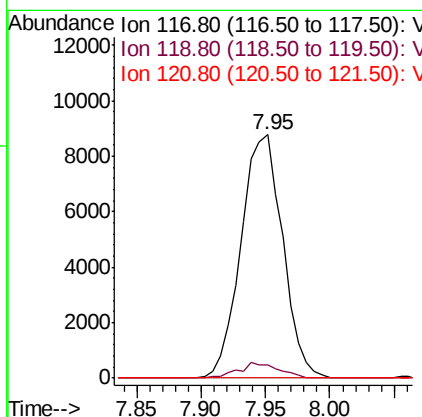
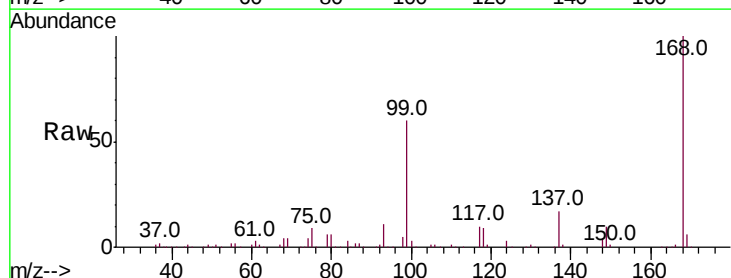
Instrument :
 MSVOA_W
 ClientSampleId :

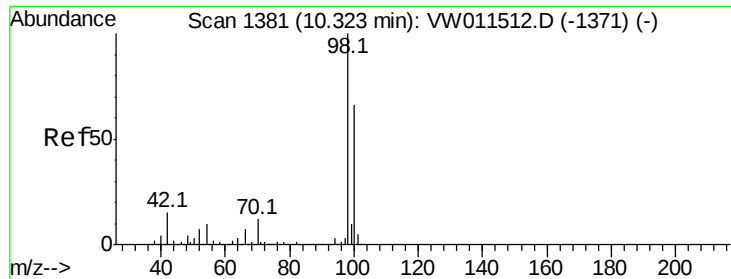
Tot Ion: 75 Resp: 16959
 Ion Ratio Lower Upper
 75 100
 110 8.3 15.6 46.8#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 6.769 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW011930.D
 Acq: 15 Aug 2019 16:09

Tgt Ion: 117 Resp: 19629
 Ion Ratio Lower Upper
 117 100
 119 5.7 75.8 113.6#
 121 0.0 24.7 37.1#

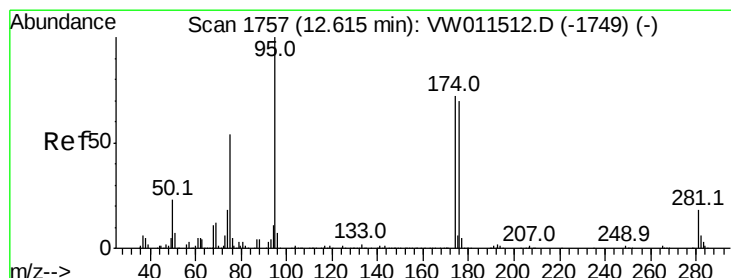
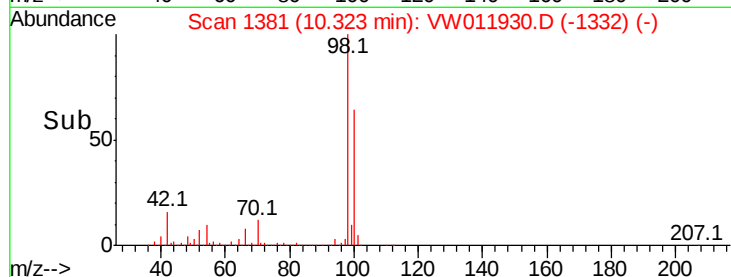
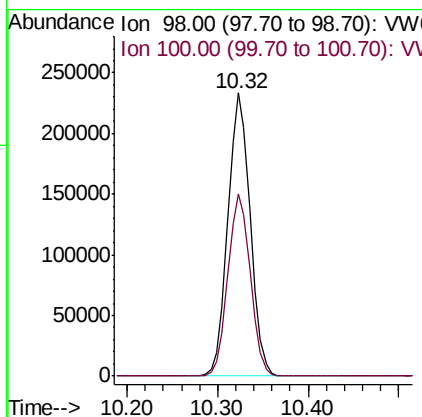
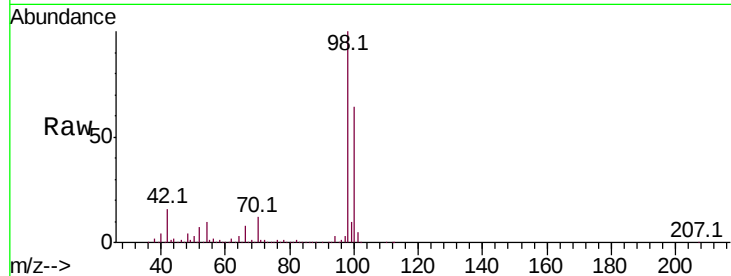




#50
Toluene-d8
Concen: 53.182 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011930.D
Acq: 15 Aug 2019 16:09

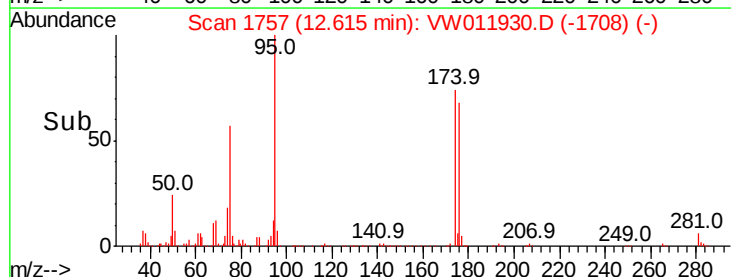
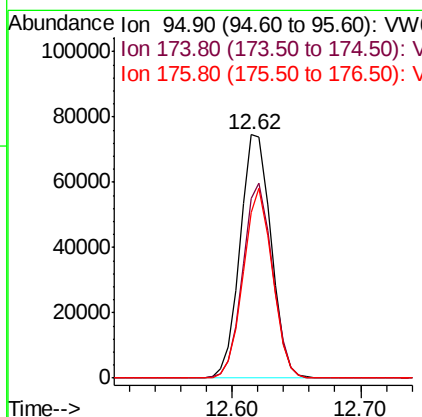
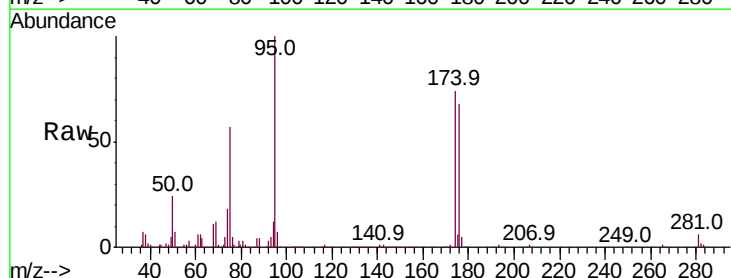
Instrument :
MSVOA_W
ClientSampled :

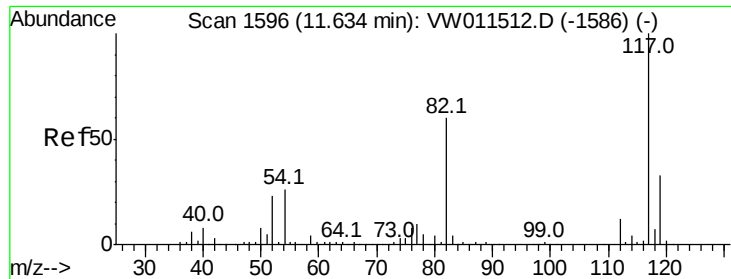
Tot Ion: 98 Resp: 397947
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 46.407 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW011930.D
Acq: 15 Aug 2019 16:09

Tgt Ion: 95 Resp: 123802
Ion Ratio Lower Upper
95 100
174 77.0 0.0 150.2
176 73.2 0.0 144.4

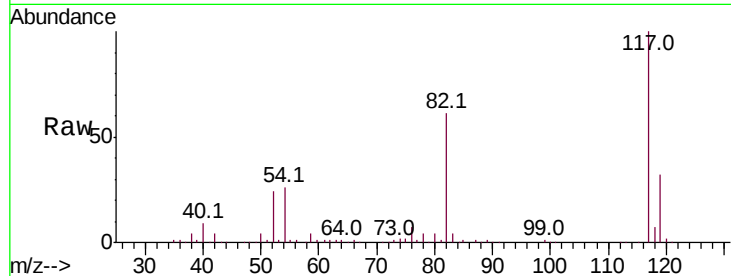




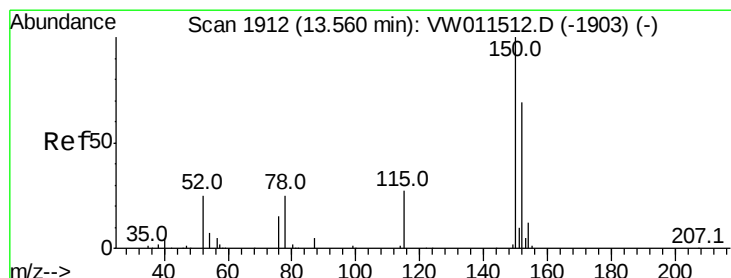
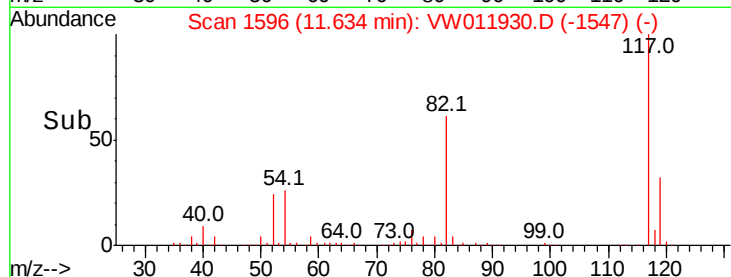
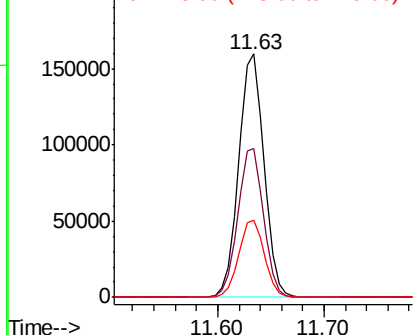
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011930.D
Acq: 15 Aug 2019 16:09

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 267303
Ion Ratio Lower Upper
117 100
82 60.9 47.9 71.9
119 31.6 26.2 39.2

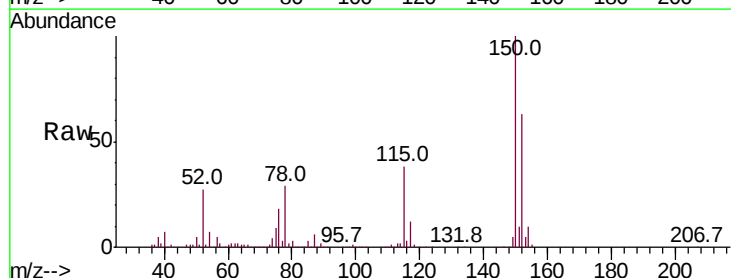


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

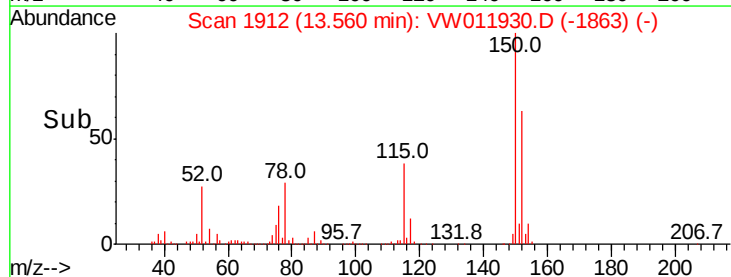
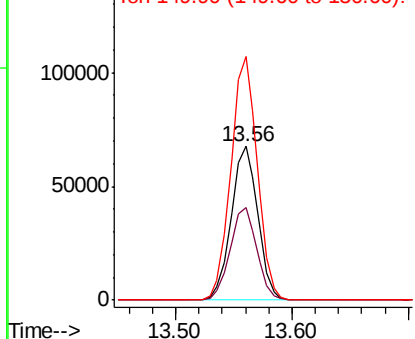


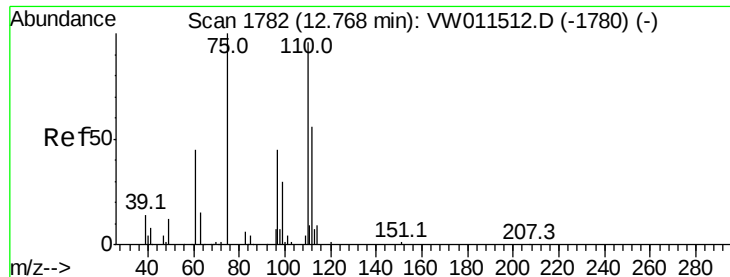
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011930.D
Acq: 15 Aug 2019 16:09

Tgt Ion:152 Resp: 106727
Ion Ratio Lower Upper
152 100
115 60.9 30.5 91.5
150 158.6 0.0 352.6



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: 60.335 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011930.D

Acq: 15 Aug 2019 16:09

Instrument :

MSVOA_W

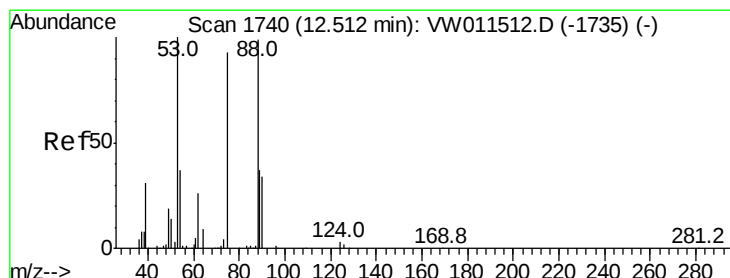
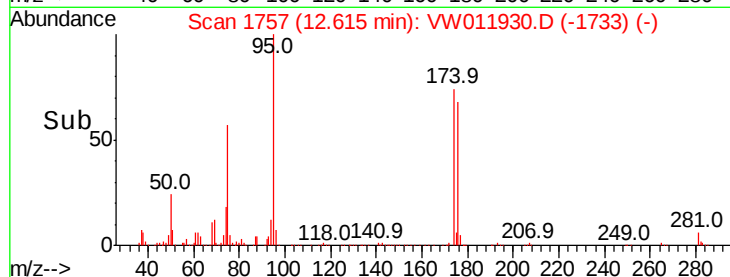
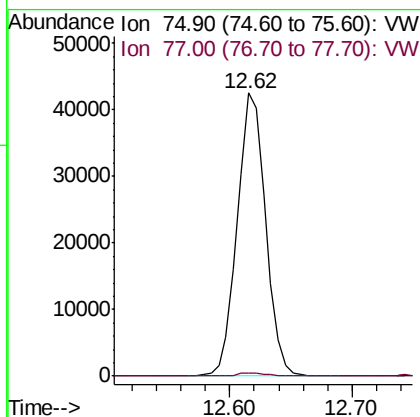
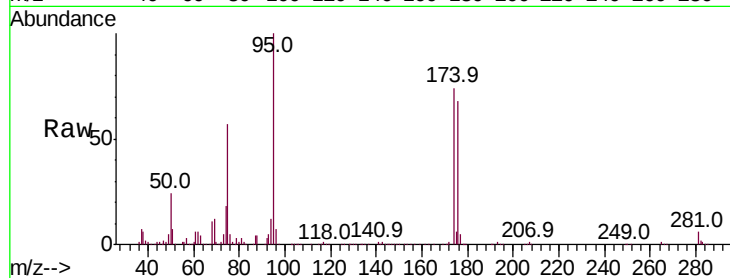
ClientSampleId :

Tot Ion: 75 Resp: 68136

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 139.051 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011930.D

Acq: 15 Aug 2019 16:09

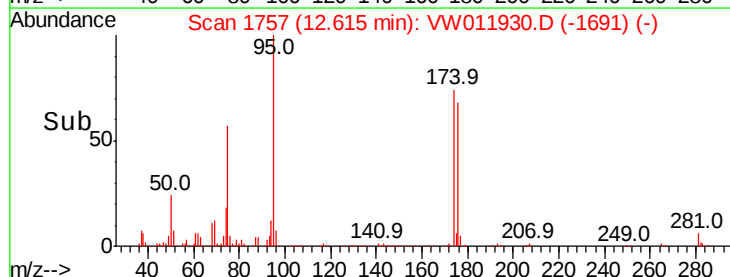
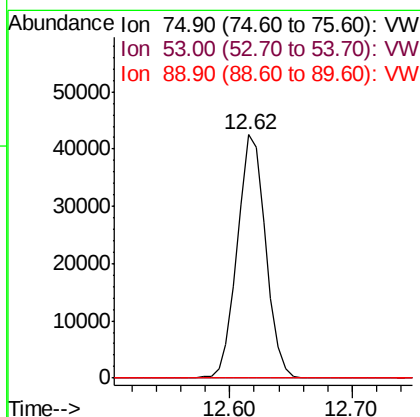
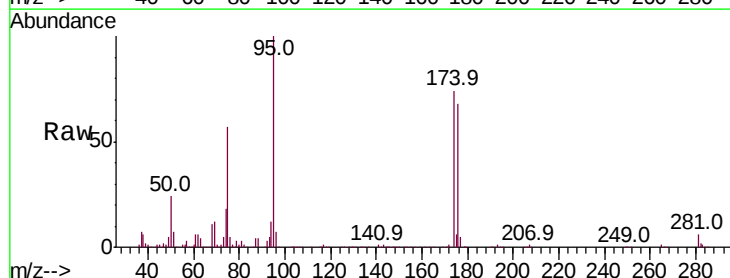
Tgt Ion: 75 Resp: 68136

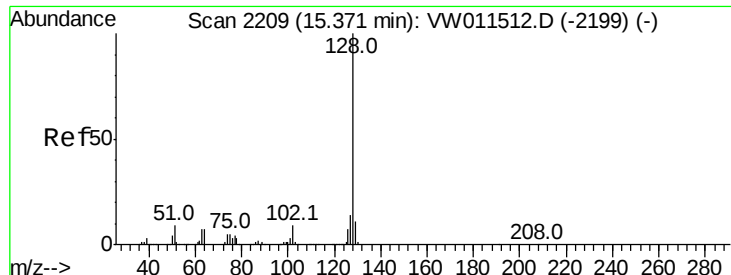
Ion Ratio Lower Upper

75 100

53 0.1 88.0 132.0#

89 0.0 35.3 52.9#





#95
Naphthalene
Concen: 2.263 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011930.D
Acq: 15 Aug 2019 16:09

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 868
Ion Ratio Lower Upper
128 100
127 2.6 10.6 16.0#
129 6.3 8.6 13.0#

