

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011849.D
 Acq On : 12 Aug 2019 13:59
 Operator : SY/VA
 Sample : K4229-05
 Misc : 5.76G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 13 07:45:53 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	206688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	347545	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	287747	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	110098	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	136486	57.51	ug/l	0.00
Spiked Amount			Recovery	=	115.02%	
35) Dibromofluoromethane	7.88	113	107108	54.93	ug/l	0.00
Spiked Amount			Recovery	=	109.86%	
50) Toluene-d8	10.32	98	424882	53.22	ug/l	0.00
Spiked Amount			Recovery	=	106.44%	
62) 4-Bromofluorobenzene	12.62	95	132018	46.39	ug/l	0.00
Spiked Amount			Recovery	=	92.78%	

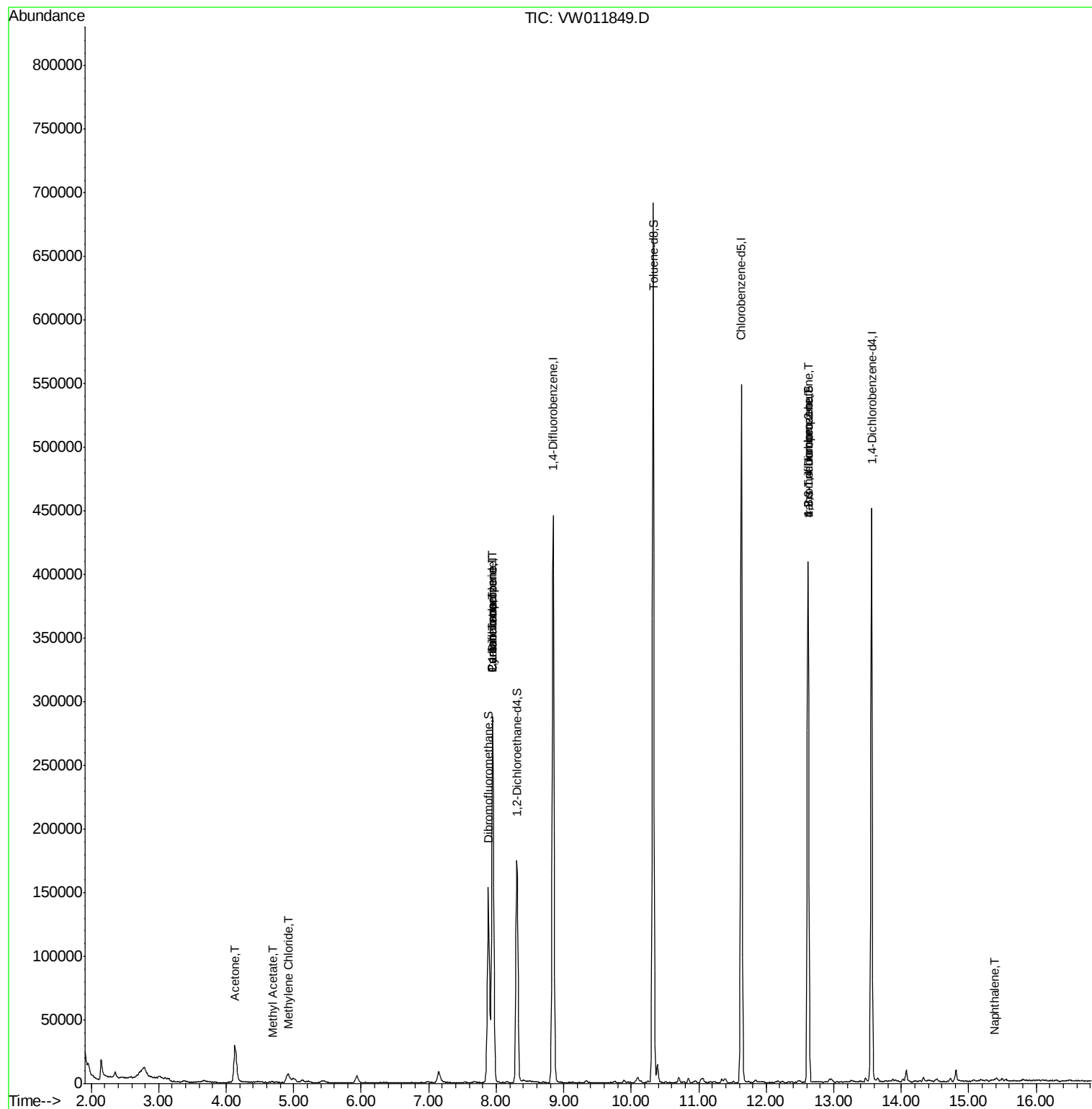
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	730	Below Cal	#	87
16) Acetone	4.13	43	57472	76.126	ug/l	98
18) Methyl Acetate	4.69	43	2008	1.184	ug/l #	90
20) Methylene Chloride	4.91	84	4753	1.825	ug/l	96
31) Cyclohexane	7.94	56	5870	1.323	ug/l #	14
36) 1,1-Dichloropropene	7.95	75	17945	4.966	ug/l #	52
38) Carbon Tetrachloride	7.95	117	20870	6.746	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	71311	61.213	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	71311	141.075	ug/l #	6
95) Naphthalene	15.37	128	881	2.260	ug/l #	89

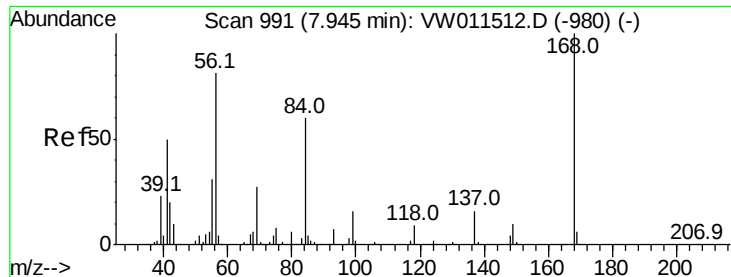
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081219\
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Quant Time: Aug 13 07:45:53 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



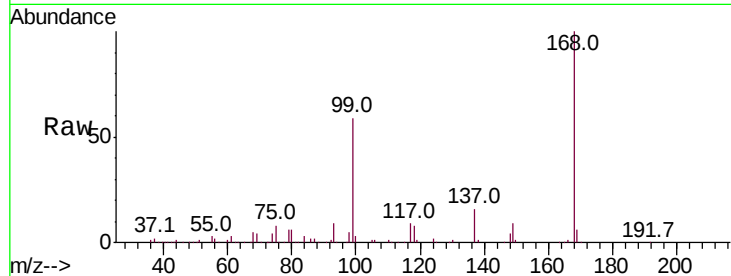


#1

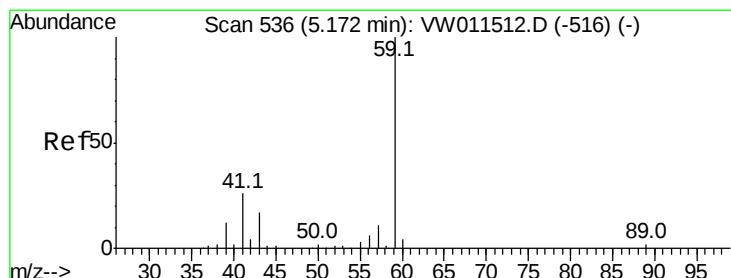
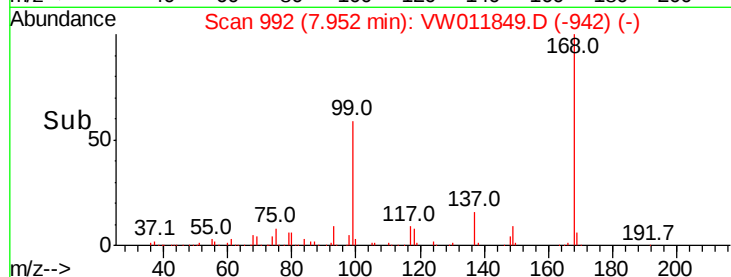
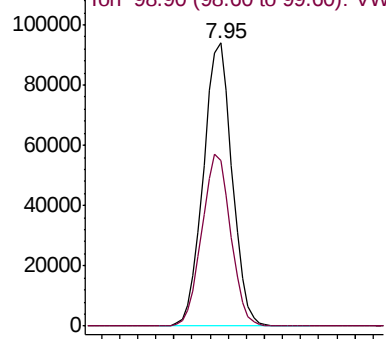
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. 0.01 min
 Lab File: VW011849.D
 Acq: 12 Aug 2019 13:59

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:168 Resp: 206688
 Ion Ratio Lower Upper
 168 100
 99 58.5 48.2 72.4



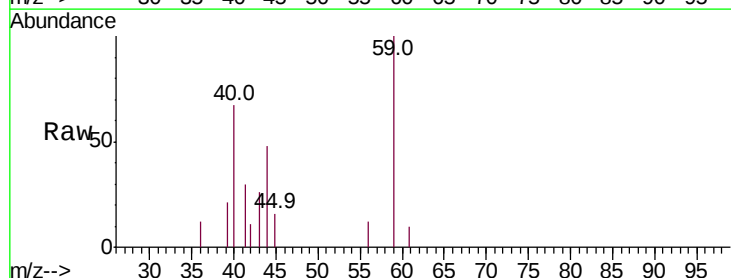
Abundance Ion 167.90 (167.60 to 168.60): V



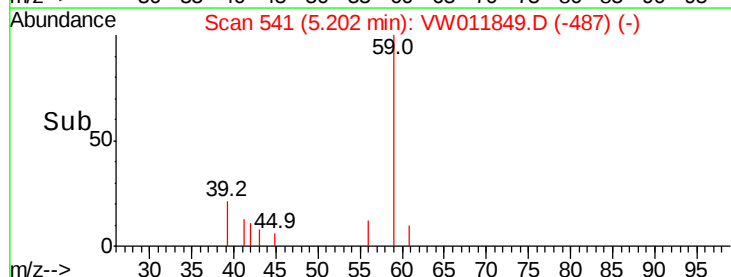
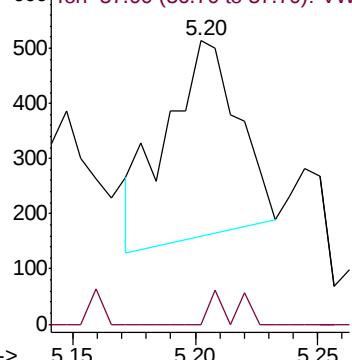
#11

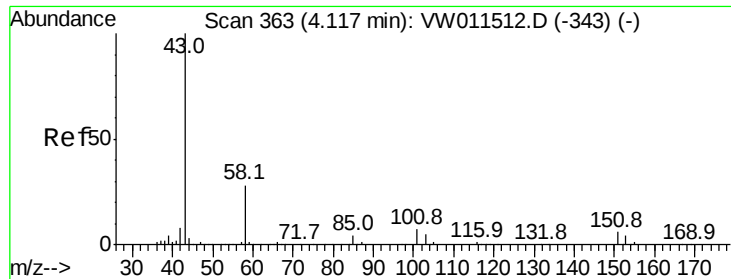
Tert butyl alcohol
 Concen: Below Cal
 RT: 5.20 min Scan# 541
 Delta R.T. 0.03 min
 Lab File: VW011849.D
 Acq: 12 Aug 2019 13:59

Tgt Ion: 59 Resp: 730
 Ion Ratio Lower Upper
 59 100
 57 5.9 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW





#16

Acetone

Concen: 76.126 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW011849.D

Acq: 12 Aug 2019 13:59

Instrument :

MSVOA_W

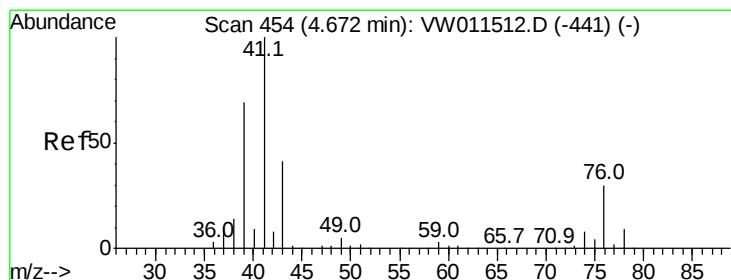
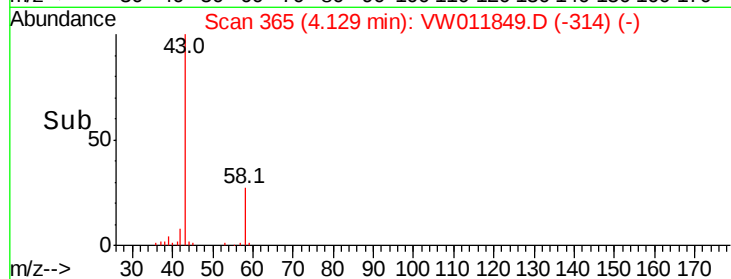
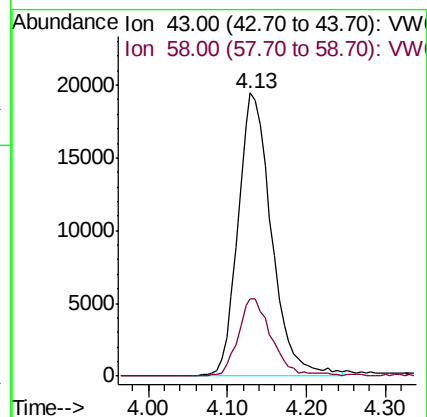
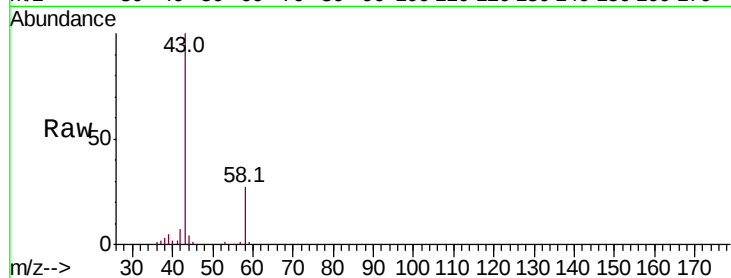
ClientSampleId :

Tot Ion: 43 Resp: 57472

Ion Ratio Lower Upper

43 100

58 27.1 22.3 33.5



#18

Methyl Acetate

Concen: 1.184 ug/l

RT: 4.69 min Scan# 457

Delta R.T. 0.02 min

Lab File: VW011849.D

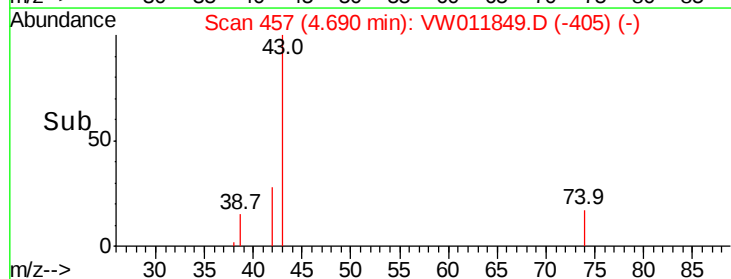
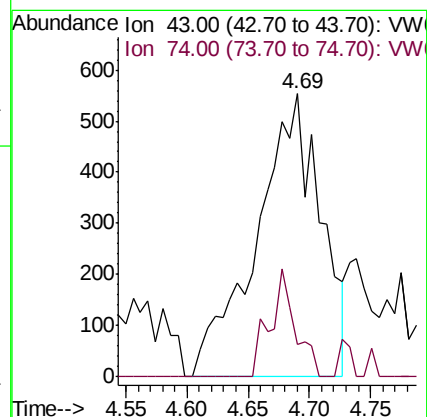
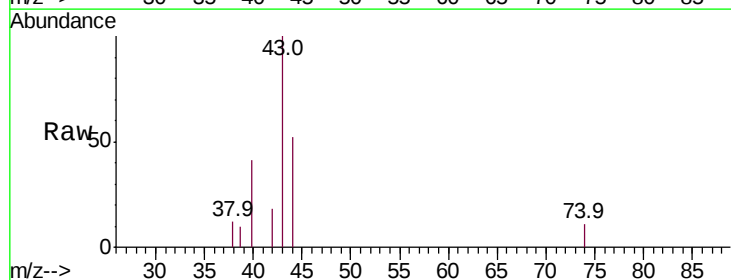
Acq: 12 Aug 2019 13:59

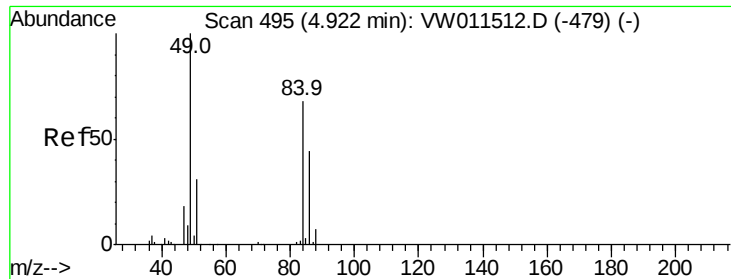
Tgt Ion: 43 Resp: 2008

Ion Ratio Lower Upper

43 100

74 15.2 15.9 23.9#

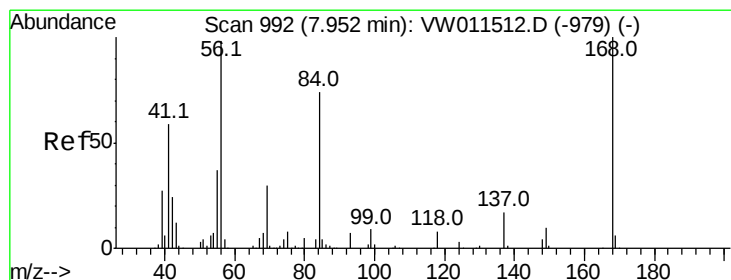
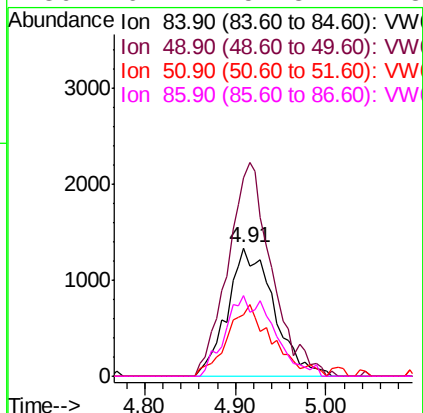
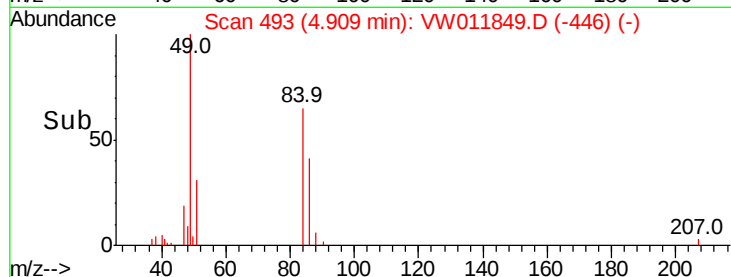
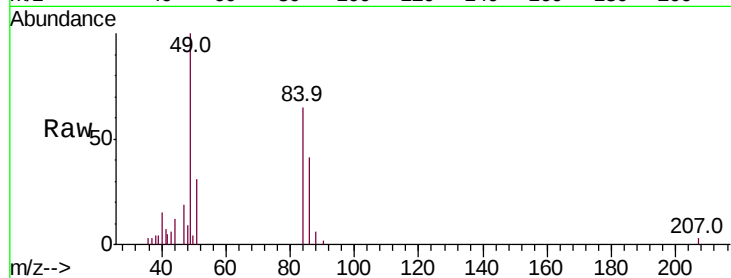




#20
Methvlene Chloride
Concen: 1.825 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011849.D
Acq: 12 Aug 2019 13:59

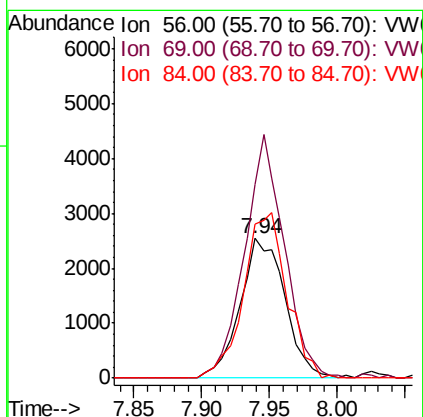
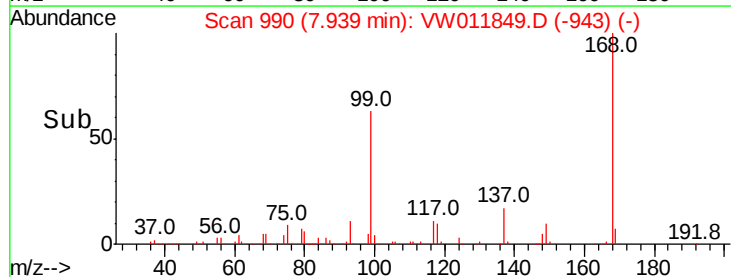
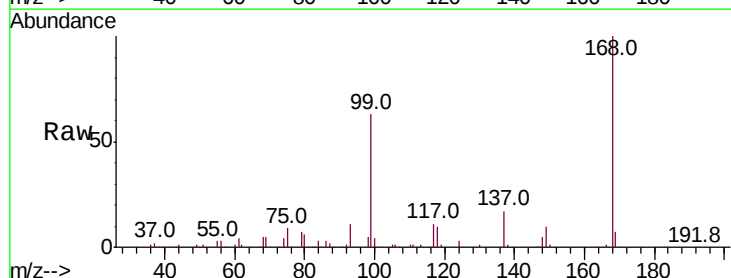
Instrument :
MSVOA_W
ClientSampleId :

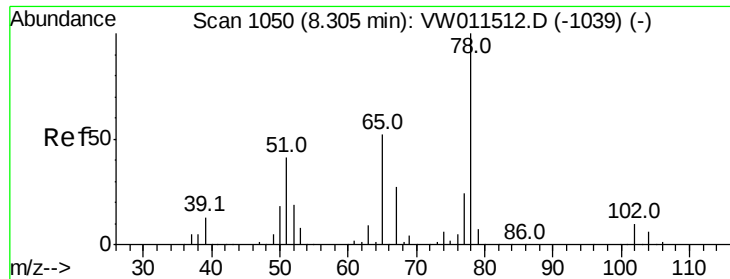
Tot Ion:	84	Resp:	4753
Ion	Ratio	Lower	Upper
84	100		
49	154.6	117.8	176.6
51	47.6	37.0	55.4
86	62.7	51.8	77.8



#31
Cyclohexane
Concen: 1.323 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW011849.D
Acq: 12 Aug 2019 13:59

Tgt Ion:	56	Resp:	5870
Ion	Ratio	Lower	Upper
56	100		
69	138.5	24.3	36.5#
84	110.4	60.4	90.6#

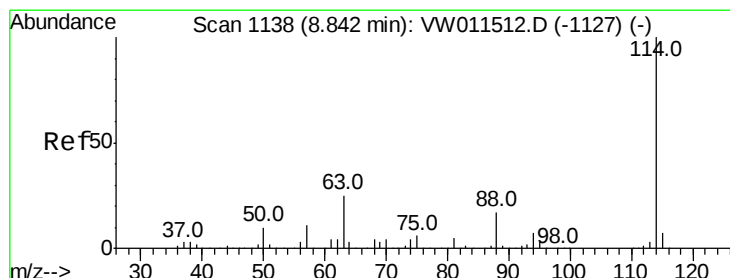
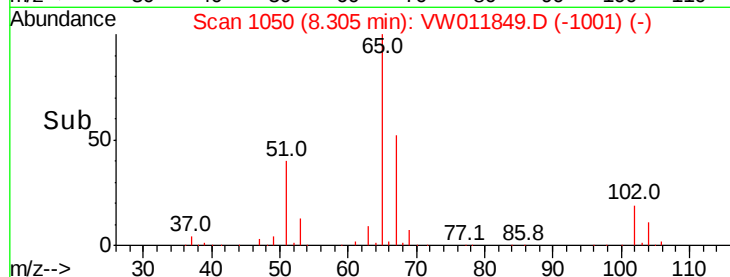
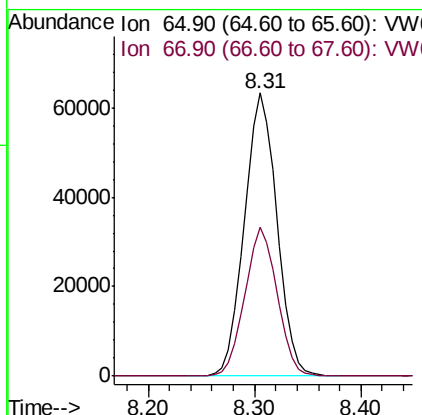
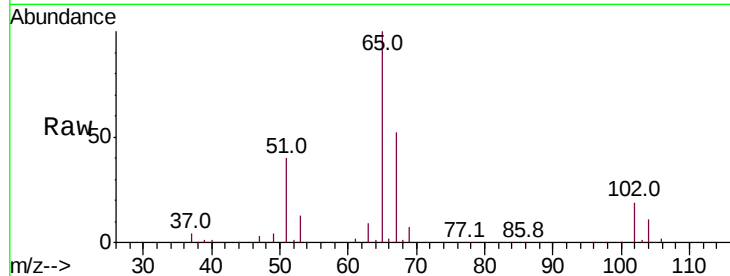




#33
 1,2-Dichloroethane-d4
 Concen: 57.508 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011849.D
 Acq: 12 Aug 2019 13:59

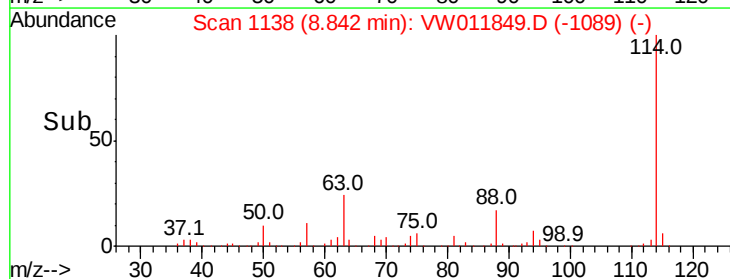
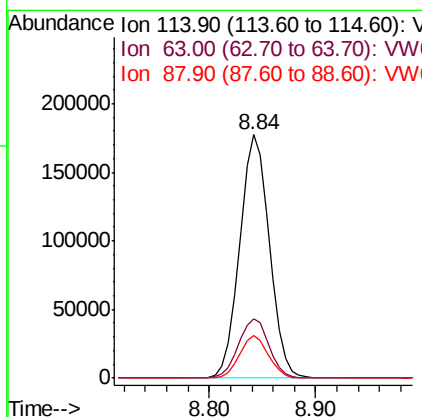
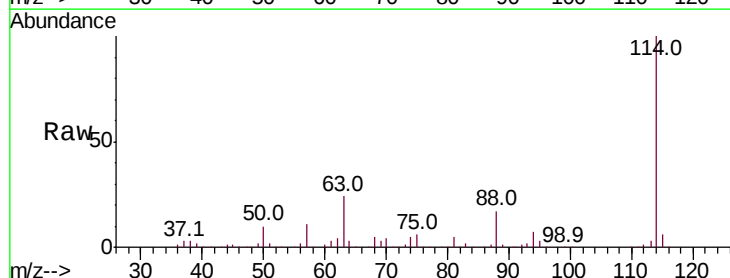
Instrument :
 MSVOA_W
 ClientSampleId :

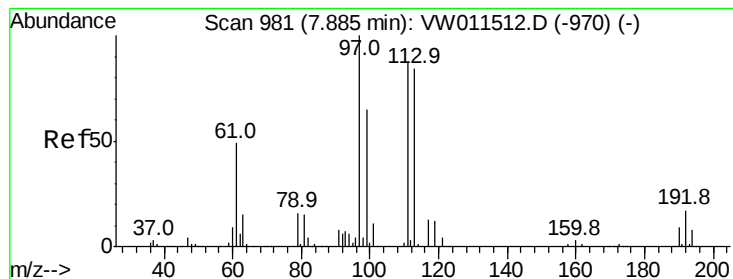
Tot Ion: 65 Resp: 136486
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011849.D
 Acq: 12 Aug 2019 13:59

Tgt Ion: 114 Resp: 347545
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 49.2
 88 17.4 0.0 33.8





#35

Dibromofluoromethane

Concen: 54.933 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW011849.D

Acq: 12 Aug 2019 13:59

Instrument :
MSVOA_W
ClientSampleId :

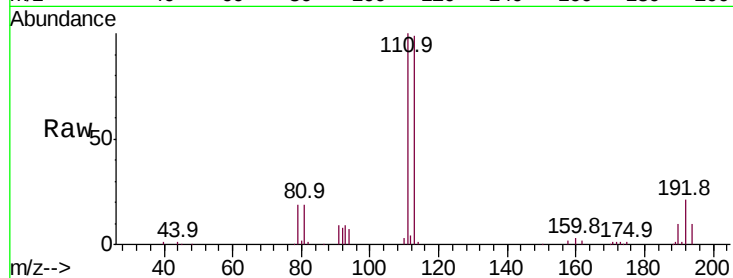
Tot Ion:113 Resp: 107108

Ion Ratio Lower Upper

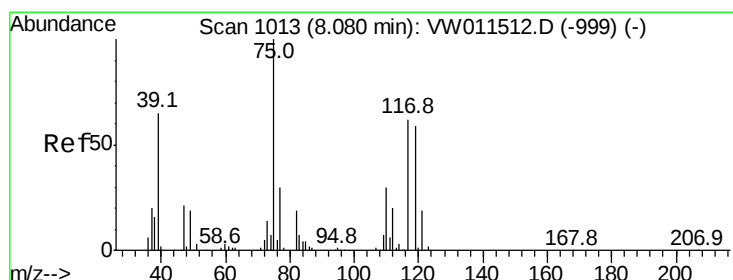
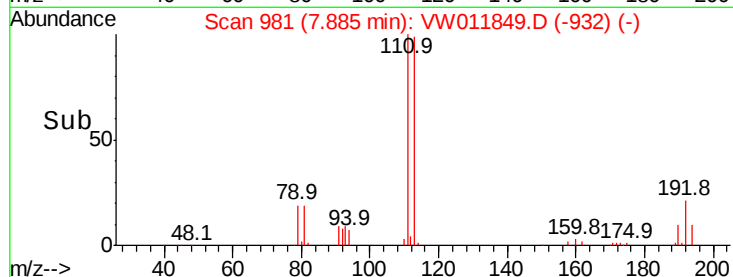
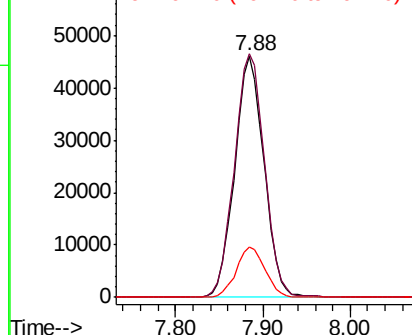
113 100

111 104.0 82.7 124.1

192 20.5 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: 4.966 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW011849.D

Acq: 12 Aug 2019 13:59

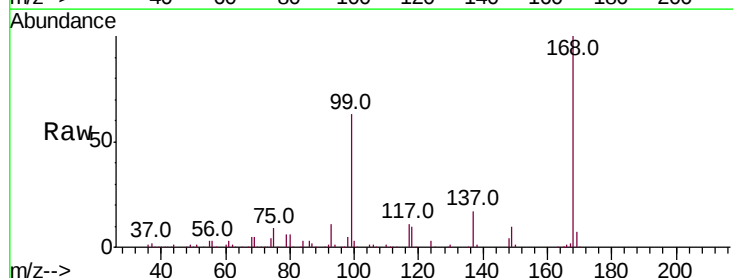
Tgt Ion: 75 Resp: 17945

Ion Ratio Lower Upper

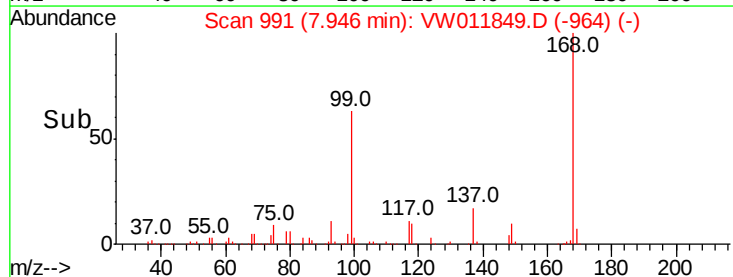
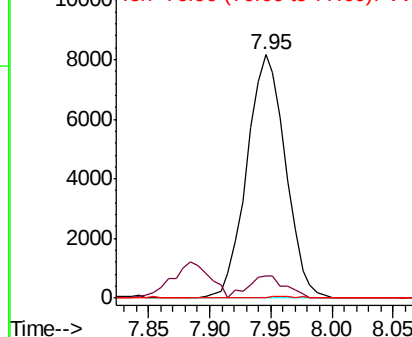
75 100

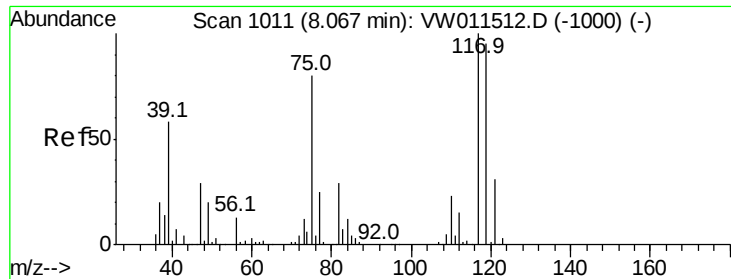
110 8.8 15.6 46.8#

77 0.5 24.3 36.5#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW

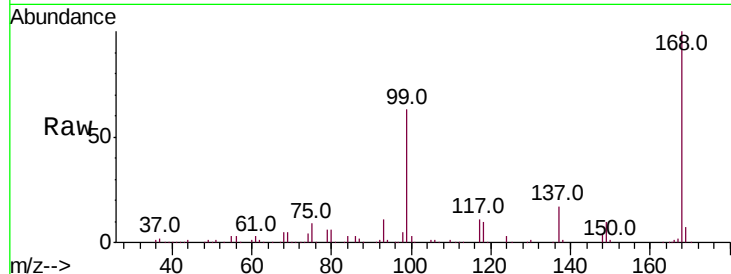




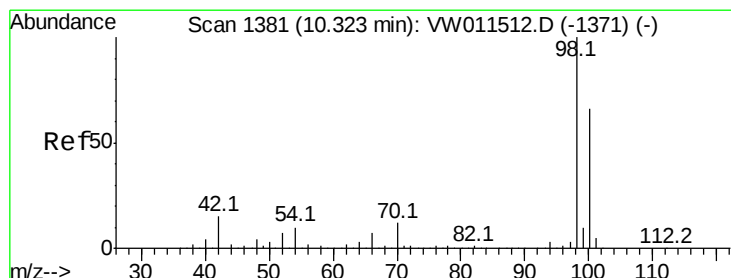
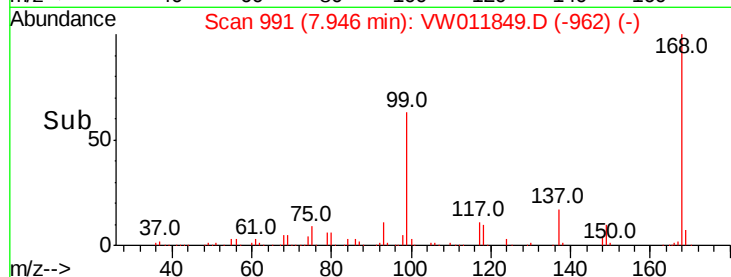
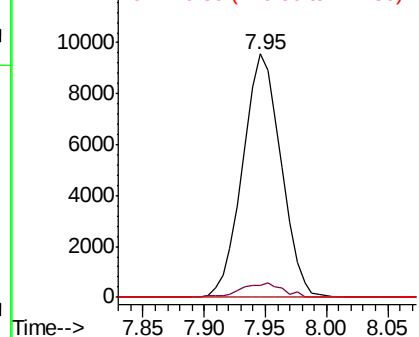
#38
Carbon Tetrachloride
Concen: 6.746 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW011849.D
Acq: 12 Aug 2019 13:59

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 20870
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.6#
121 0.0 24.7 37.1#

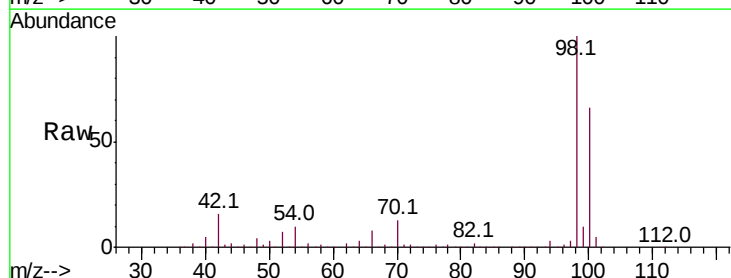


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

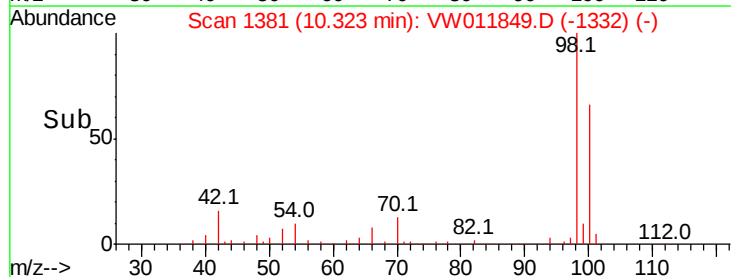
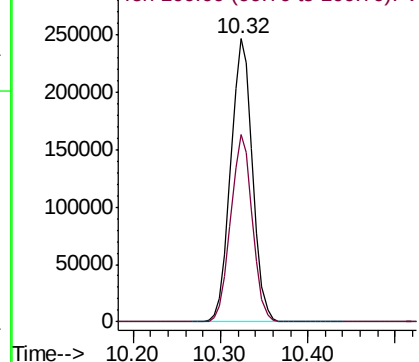


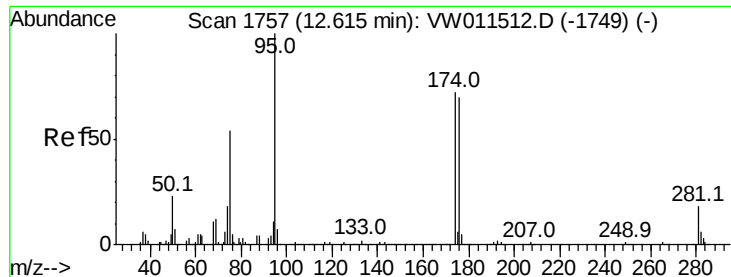
#50
Toluene-d8
Concen: 53.223 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011849.D
Acq: 12 Aug 2019 13:59

Tgt Ion: 98 Resp: 424882
Ion Ratio Lower Upper
98 100
100 65.8 52.7 79.1



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

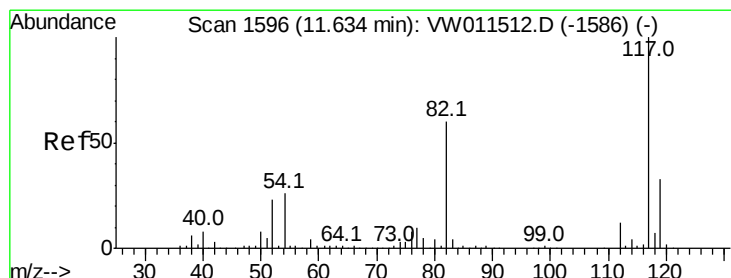
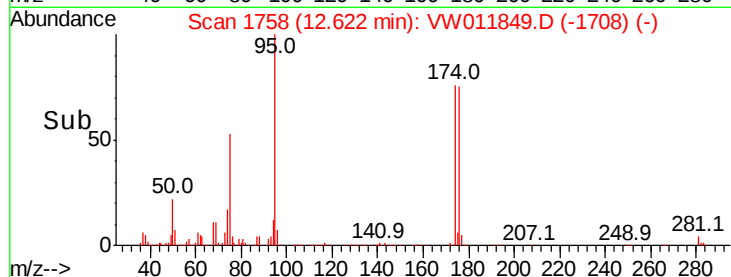
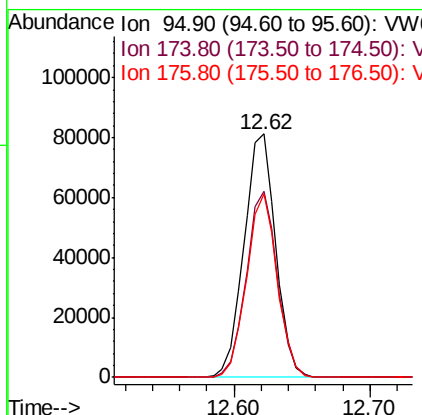
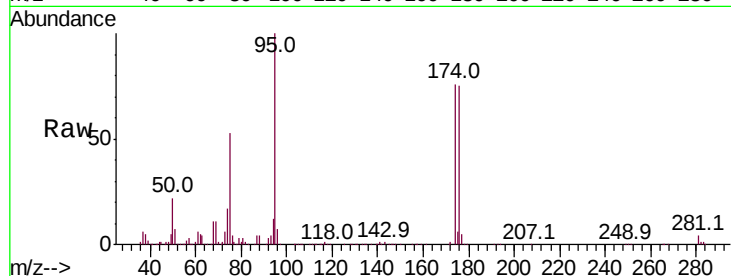




#62
4-Bromofluorobenzene
Concen: 46.386 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW011849.D
Acq: 12 Aug 2019 13:59

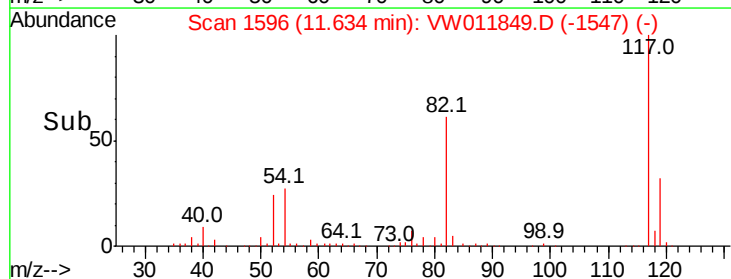
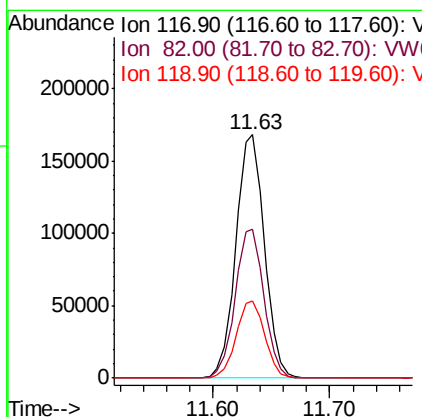
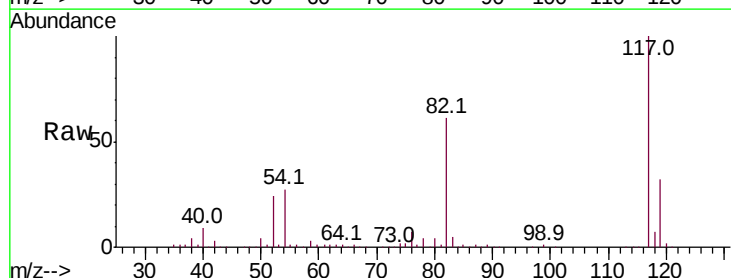
Instrument :
MSVOA_W
ClientSampleId :

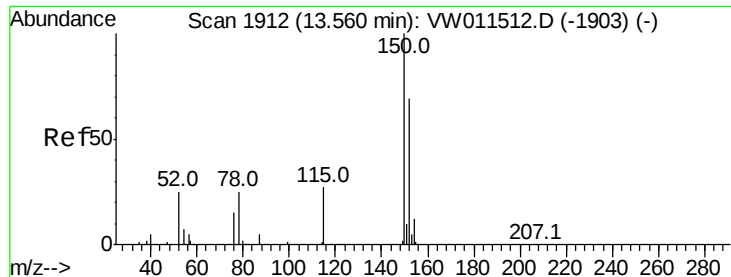
Tot Ion: 95 Resp: 132018
Ion Ratio Lower Upper
95 100
174 75.2 0.0 150.2
176 73.1 0.0 144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW011849.D
Acq: 12 Aug 2019 13:59

Tgt Ion: 117 Resp: 287747
Ion Ratio Lower Upper
117 100
82 61.3 47.9 71.9
119 31.7 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: VW011849.D

Acq: 12 Aug 2019 13:59

Instrument :

MSVOA_W

ClientSampleId :

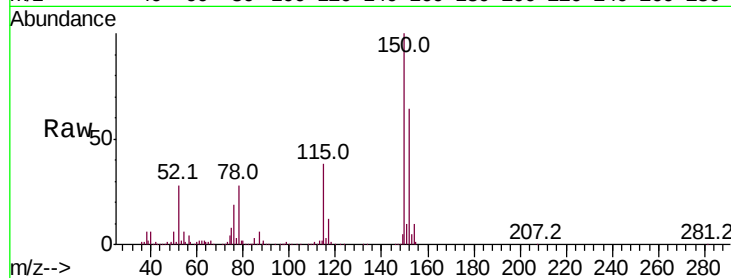
Tot Ion:152 Resp: 110098

Ion Ratio Lower Upper

152 100

115 60.4 30.5 91.5

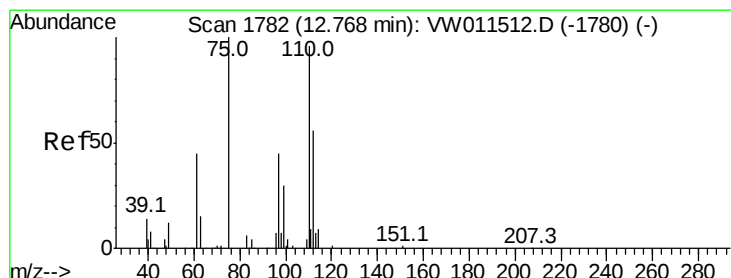
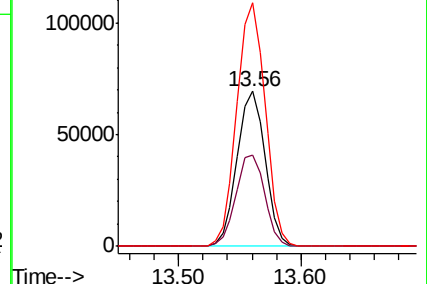
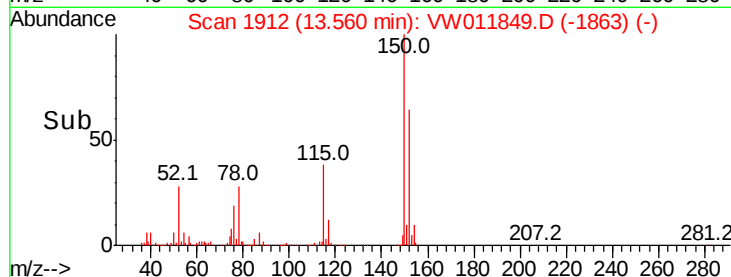
150 158.8 0.0 352.6



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: 61.213 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW011849.D

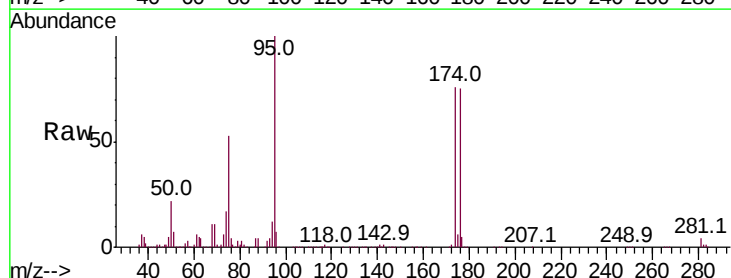
Acq: 12 Aug 2019 13:59

Tgt Ion: 75 Resp: 71311

Ion Ratio Lower Upper

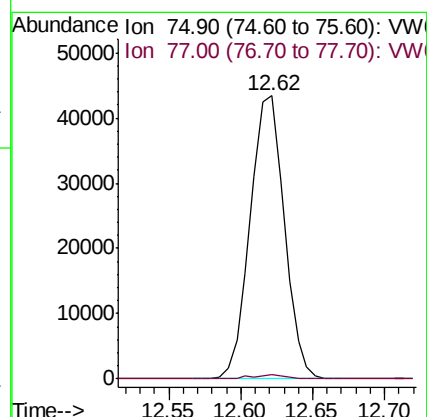
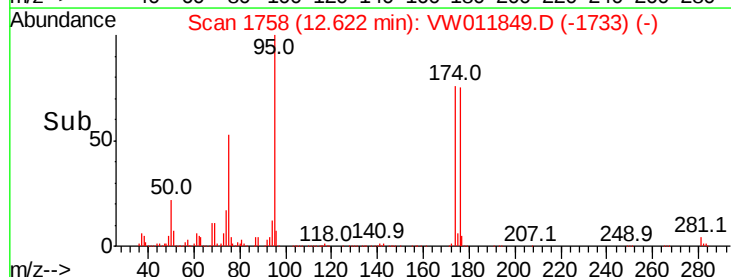
75 100

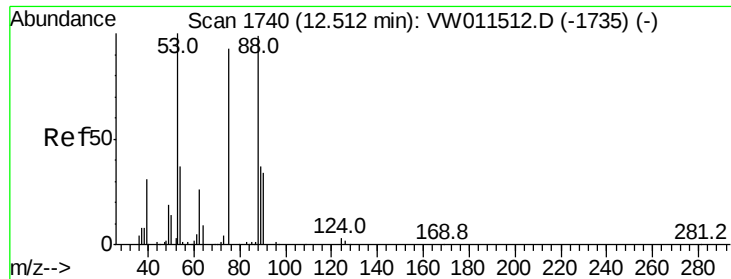
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

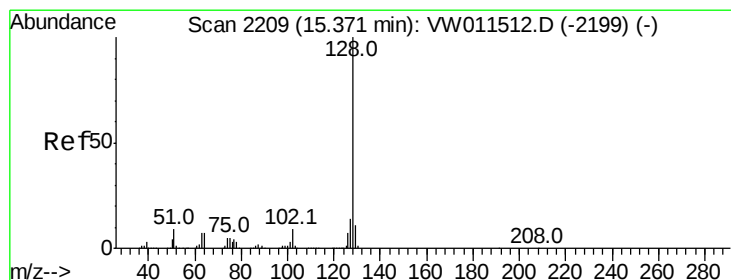
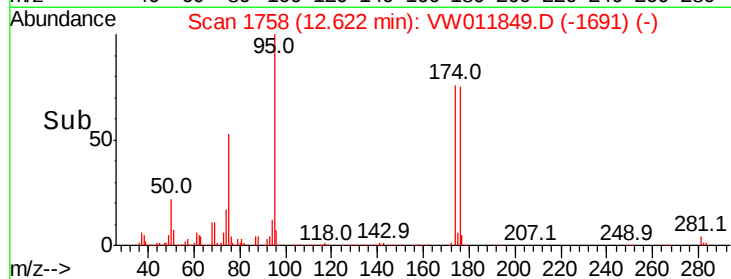
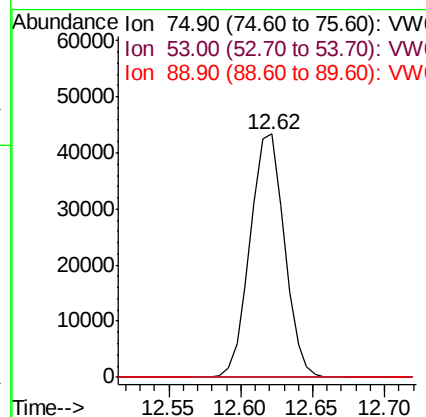
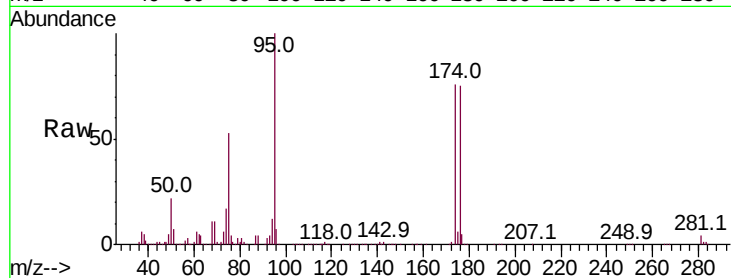




#81
trans-1,4-Dichloro-2-butene
Concen: 141.075 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.11 min
Lab File: VW011849.D
Acq: 12 Aug 2019 13:59

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 75 Resp: 71311
Ion Ratio Lower Upper
75 100
53 0.0 88.0 132.0#
89 0.0 35.3 52.9#



#95
Naphthalene
Concen: 2.260 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011849.D
Acq: 12 Aug 2019 13:59

Tgt Ion: 128 Resp: 881
Ion Ratio Lower Upper
128 100
127 18.7 10.6 16.0#
129 14.1 8.6 13.0#

