

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100719\
 Data File : VW013473.D
 Acq On : 07 Oct 2019 19:29
 Operator : SY/VA
 Sample : K5239-01
 Misc : 4.94G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 08 10:42:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	335826	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	495826	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	415786	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	184159	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	124157	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	
35) Dibromofluoromethane	7.88	113	134576	51.73	ug/l	0.00
Spiked Amount			Recovery	=	103.46%	
50) Toluene-d8	10.32	98	570909	52.88	ug/l	0.00
Spiked Amount			Recovery	=	105.76%	
62) 4-Bromofluorobenzene	12.62	95	179986	49.92	ug/l	0.00
Spiked Amount			Recovery	=	99.84%	

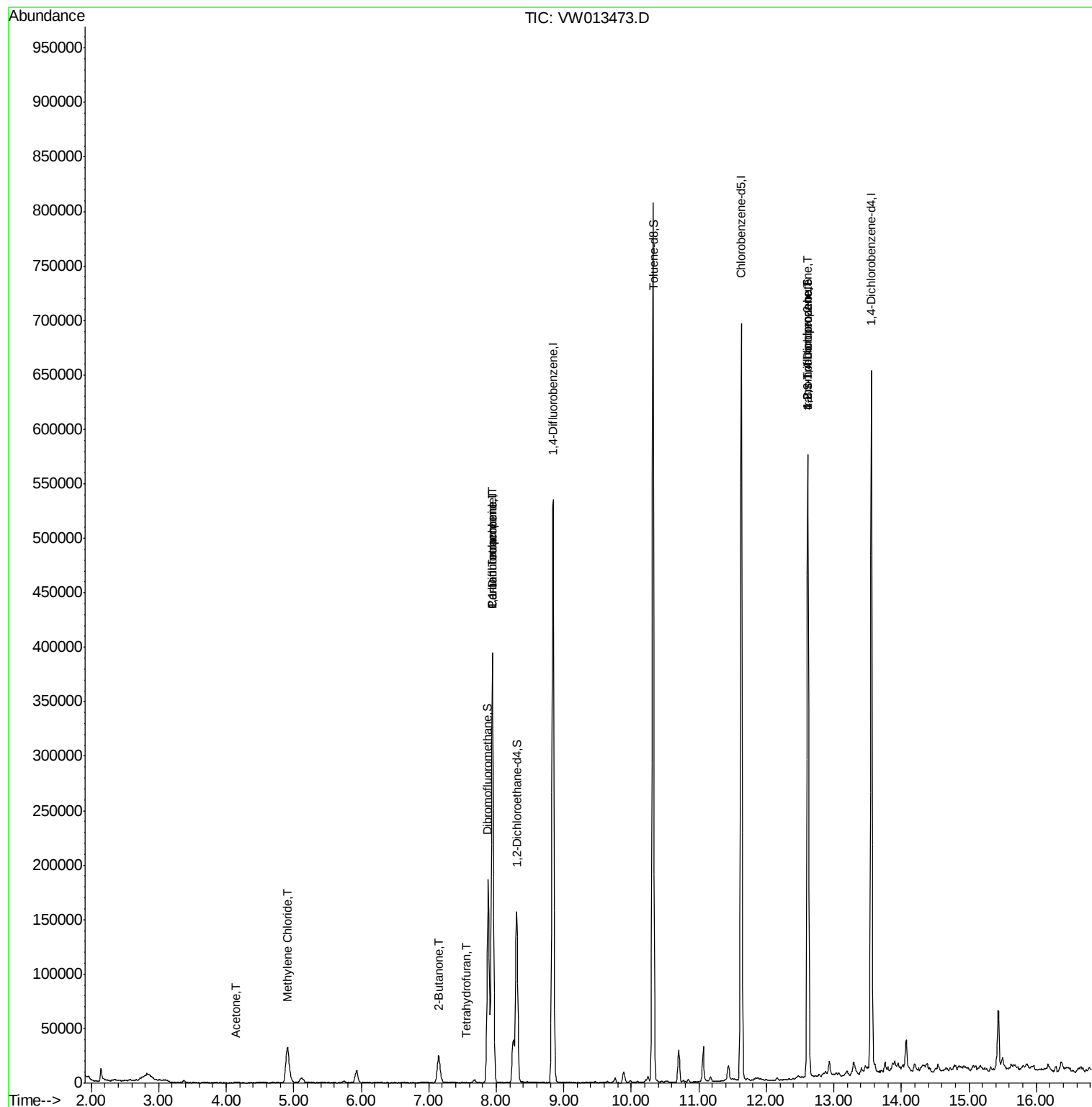
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.12	59	4182	Below Cal	#	73
16) Acetone	4.15	43	1546	2.011	ug/l #	81
20) Methylene Chloride	4.91	84	29249	7.597	ug/l	95
25) 2-Butanone	7.14	43	1401	1.425	ug/l #	51
26) 2,2-Dichloropropane	7.15	77	2044	Below Cal	#	52
29) Tetrahydrofuran	7.55	42	57	9.789	ug/l #	34
36) 1,1-Dichloropropene	7.94	75	20716	4.498	ug/l #	49
38) Carbon Tetrachloride	7.95	117	28188	7.066	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	84739	51.773	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	84739	105.046	ug/l #	12

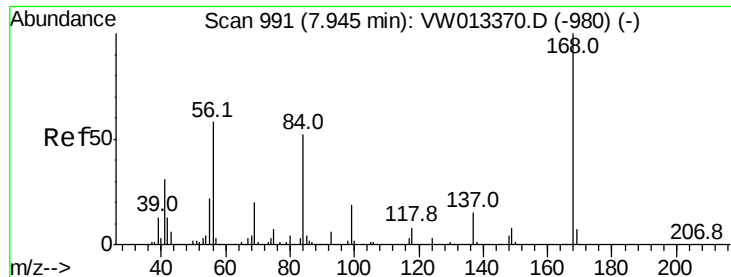
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100719\
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Misc : 4.94G/5ML/MSVOA W/SOIL
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Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Oct 08 10:42:13 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 11:49:57 2019
Response via : Initial Calibration



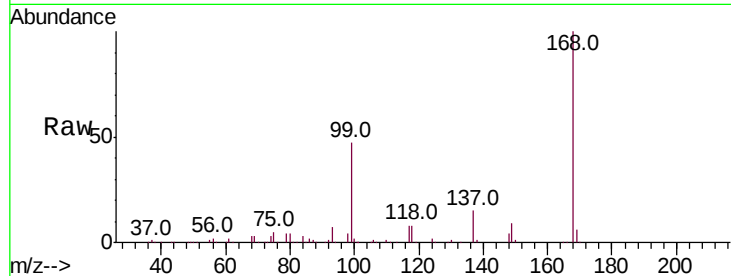


#1

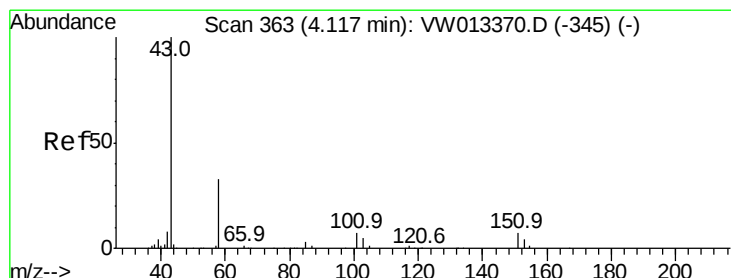
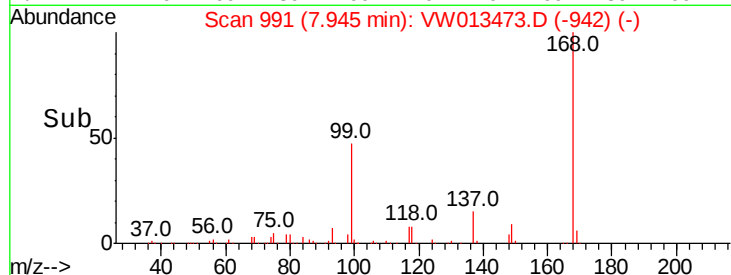
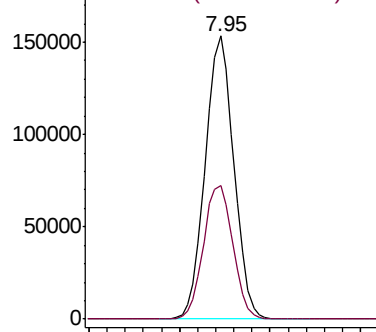
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: VW013473.D
 Acq: 07 Oct 2019 19:29

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:168 Resp: 335826
 Ion Ratio Lower Upper
 168 100
 99 47.4 40.2 60.4



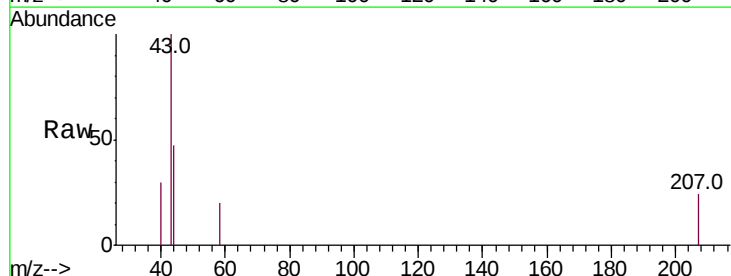
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VW



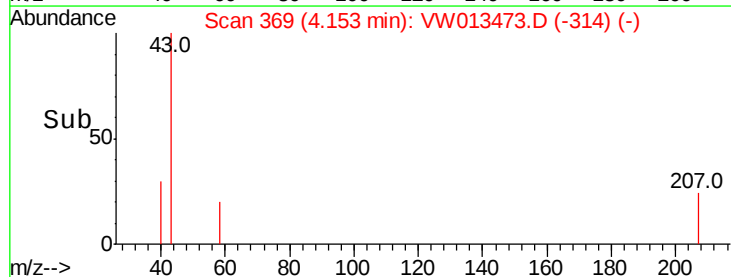
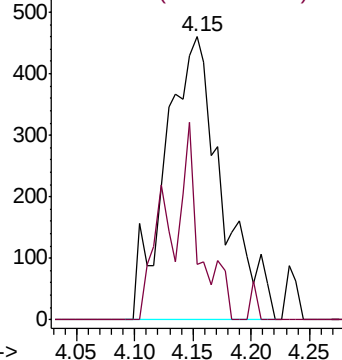
#16

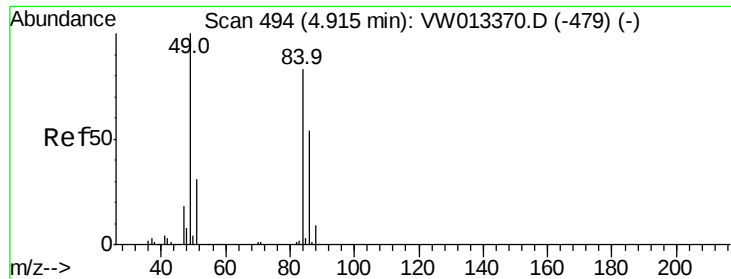
Acetone
 Concen: 2.011 ug/l
 RT: 4.15 min Scan# 369
 Delta R.T. 0.04 min
 Lab File: VW013473.D
 Acq: 07 Oct 2019 19:29

Tgt Ion: 43 Resp: 1546
 Ion Ratio Lower Upper
 43 100
 58 19.6 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

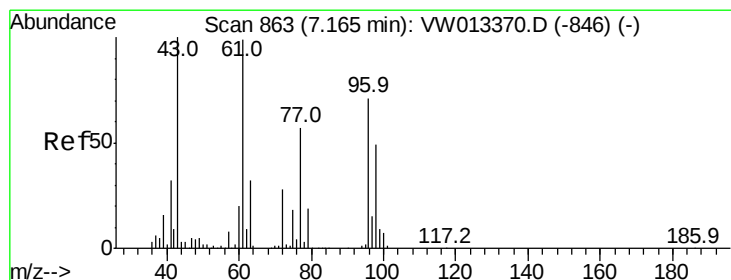
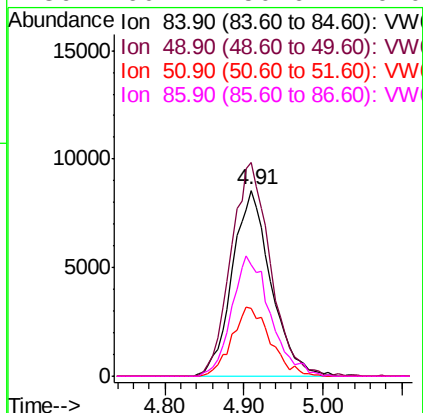
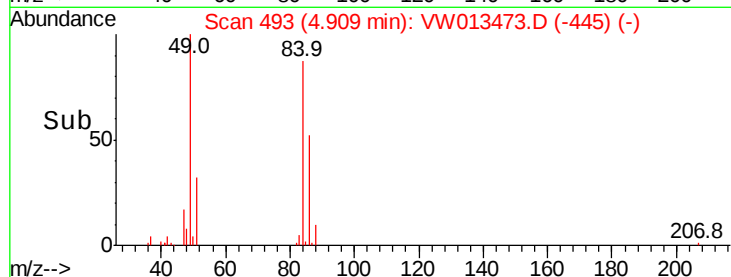
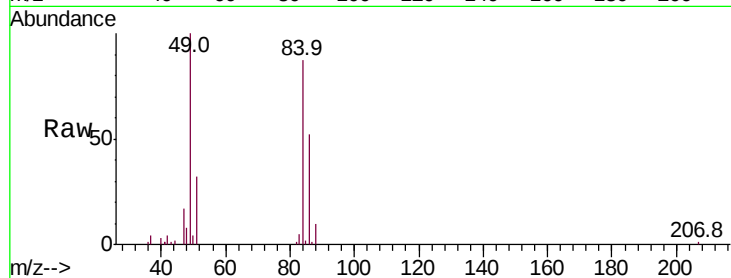




#20
Methylene Chloride
Concen: 7.597 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW013473.D
Acq: 07 Oct 2019 19:29

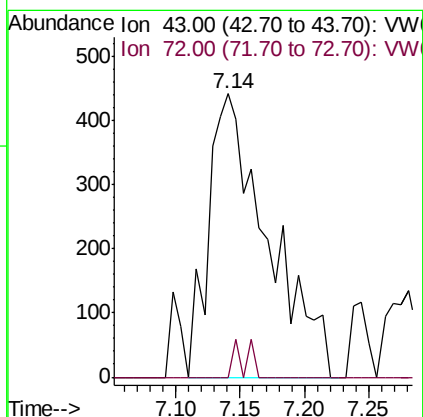
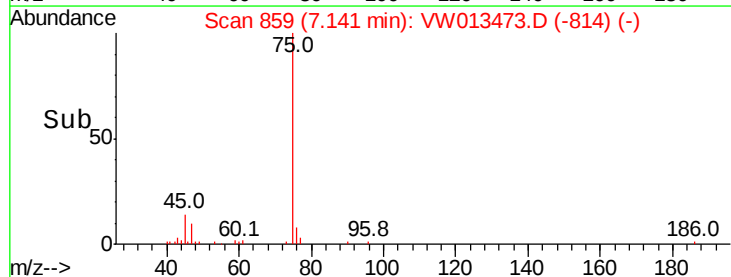
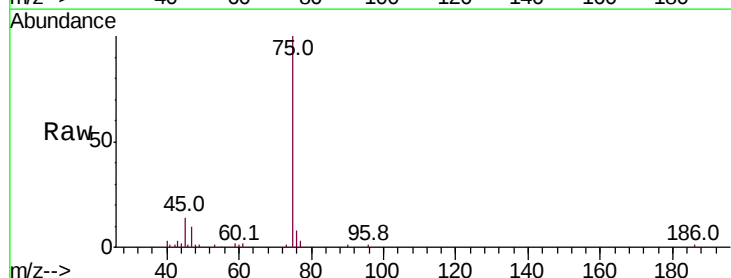
Instrument :
MSVOA_W
ClientSampled :

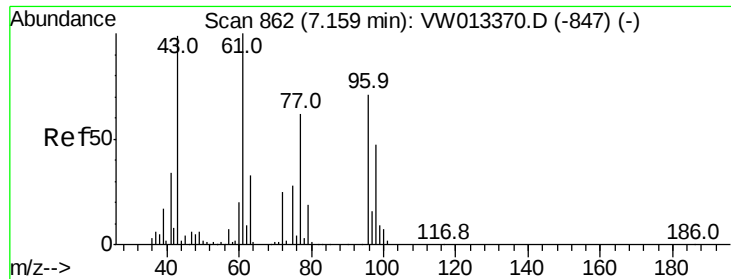
Tot Ion: 84 Resp: 29249
Ion Ratio Lower Upper
84 100
49 115.0 97.6 146.4
51 36.7 30.2 45.2
86 60.2 50.6 76.0



#25
2-Butanone
Concen: 1.425 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: VW013473.D
Acq: 07 Oct 2019 19:29

Tgt Ion: 43 Resp: 1401
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.0#





#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: VW013473.D

Acq: 07 Oct 2019 19:29

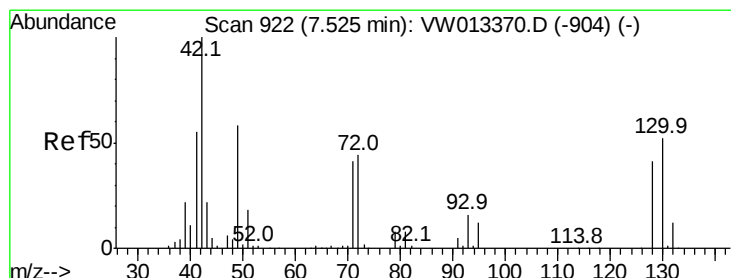
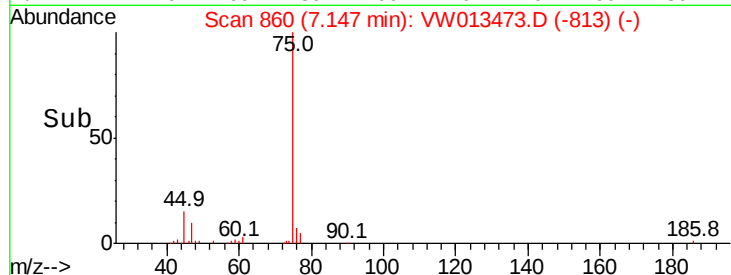
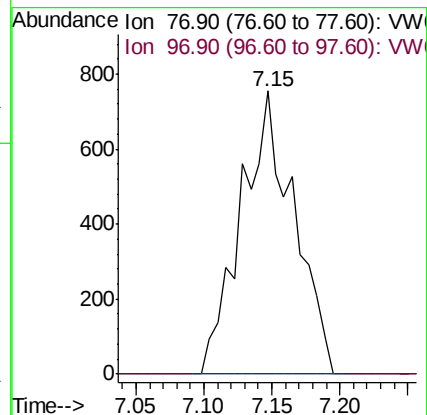
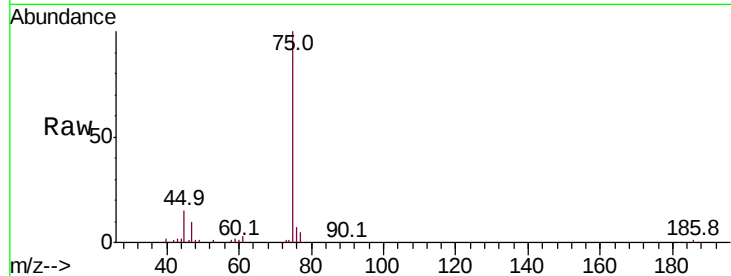
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 77 Resp: 2044

Ion Ratio Lower Upper

77 100

97 0.0 11.8 35.4#



#29

Tetrahydrofuran

Concen: 9.789 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.03 min

Lab File: VW013473.D

Acq: 07 Oct 2019 19:29

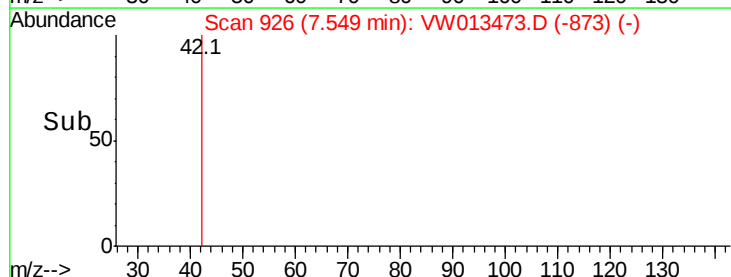
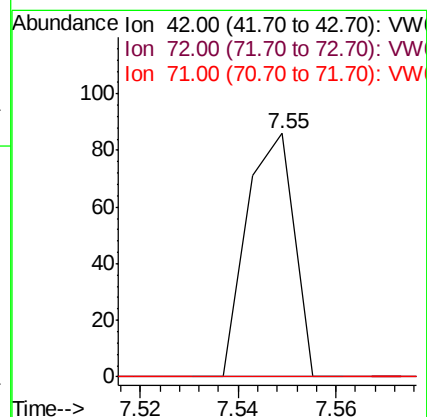
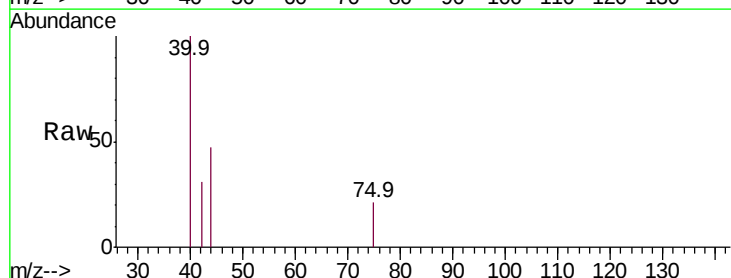
Tgt Ion: 42 Resp: 57

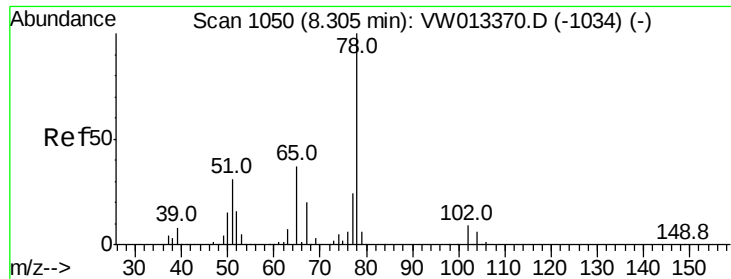
Ion Ratio Lower Upper

42 100

72 0.0 33.9 50.9#

71 0.0 31.9 47.9#

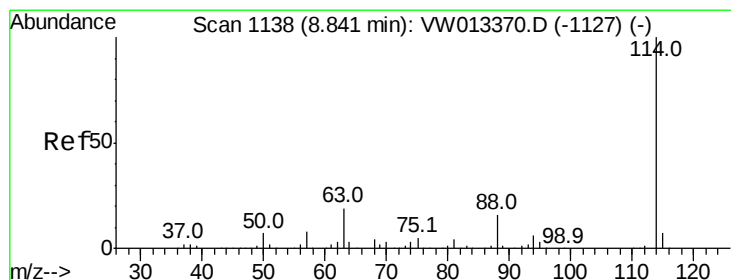
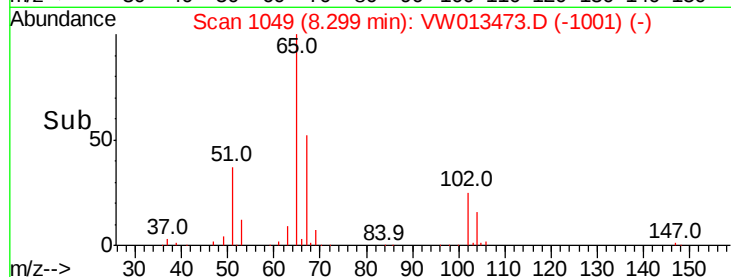
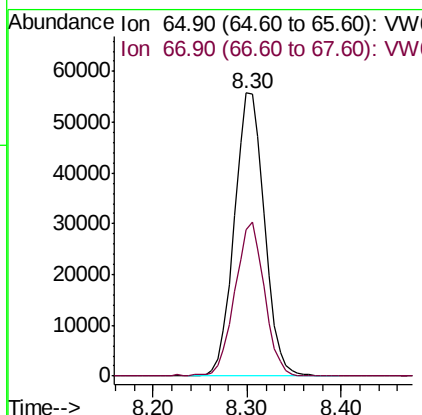
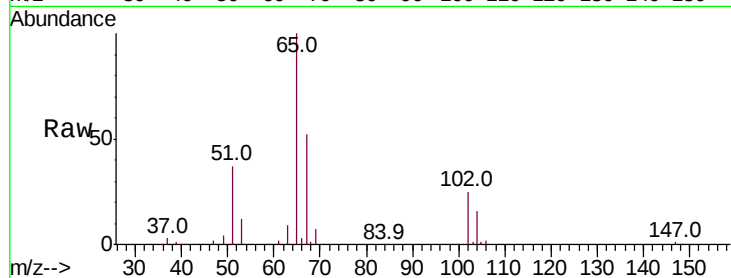




#33
 1,2-Dichloroethane-d4
 Concen: 49.514 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW013473.D
 Acq: 07 Oct 2019 19:29

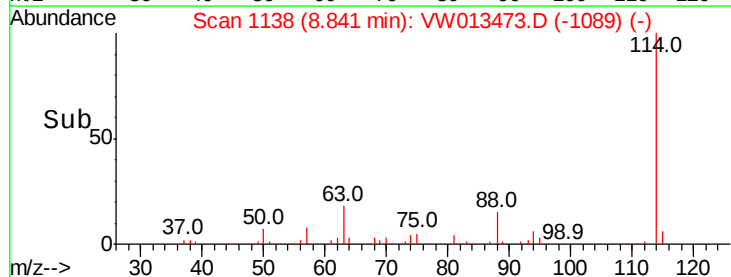
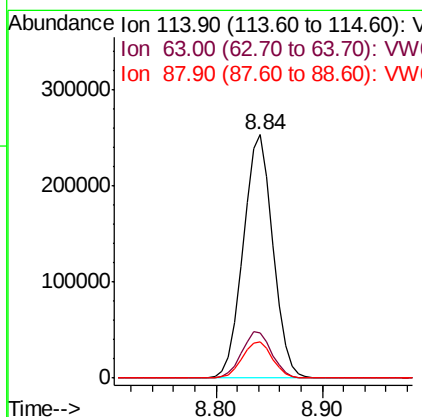
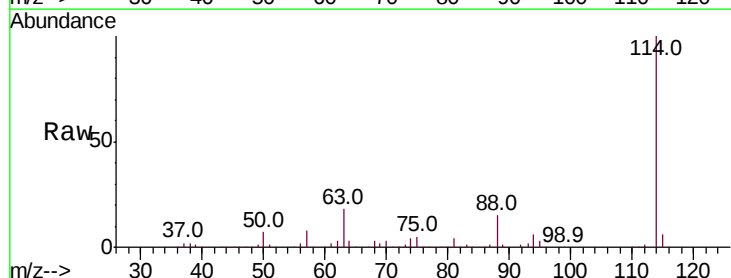
Instrument :
 MSVOA_W
 ClientSampleId :

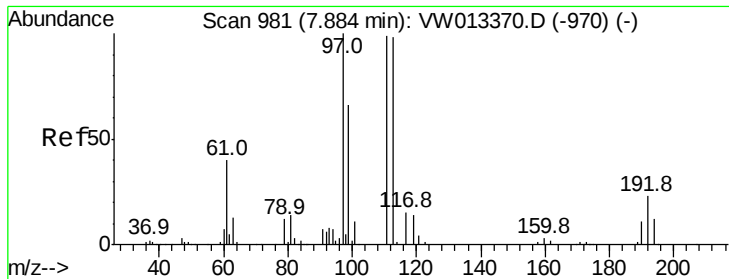
Tot Ion: 65 Resp: 124157
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013473.D
 Acq: 07 Oct 2019 19:29

Tgt Ion: 114 Resp: 495826
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 41.4
 88 15.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 51.726 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW013473.D

Acq: 07 Oct 2019 19:29

Instrument :

MSVOA_W

ClientSampleId :

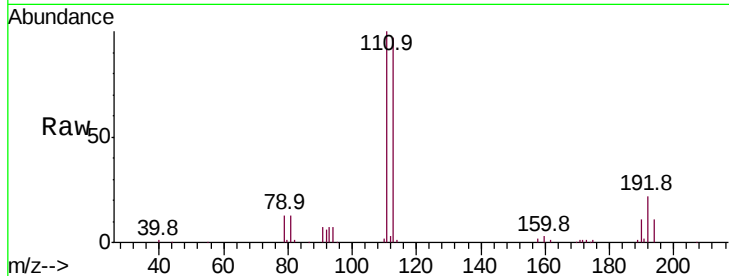
Tot Ion:113 Resp: 134576

Ion Ratio Lower Upper

113 100

111 103.3 81.9 122.9

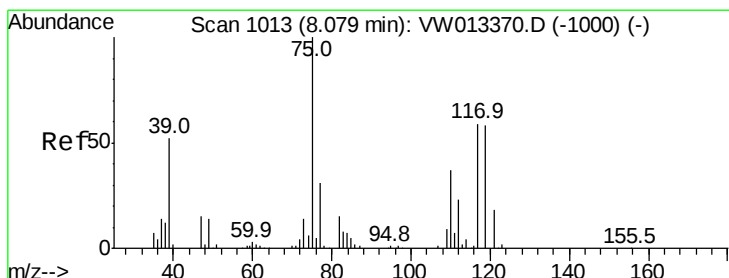
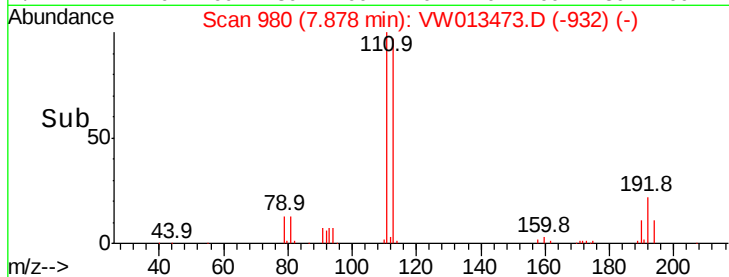
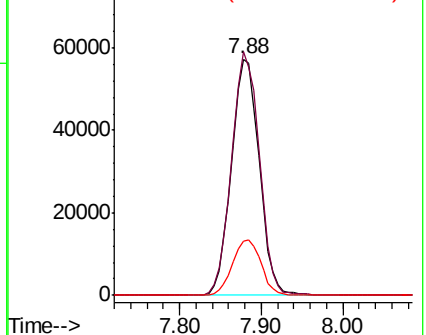
192 23.9 19.1 28.7



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: 4.498 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW013473.D

Acq: 07 Oct 2019 19:29

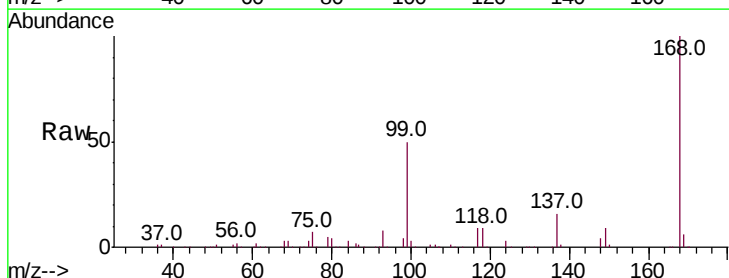
Tgt Ion: 75 Resp: 20716

Ion Ratio Lower Upper

75 100

110 9.9 18.1 54.3#

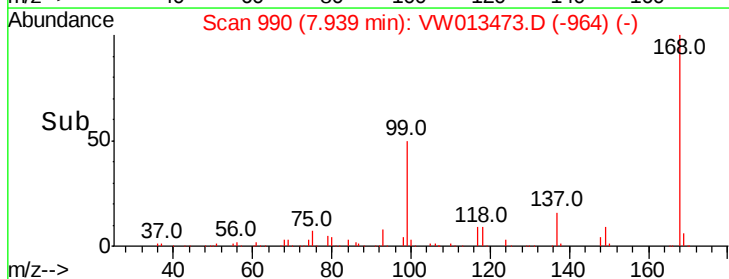
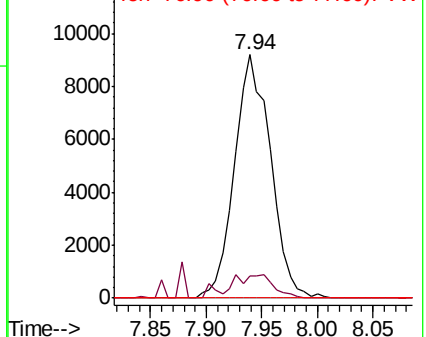
77 0.0 25.8 38.6#

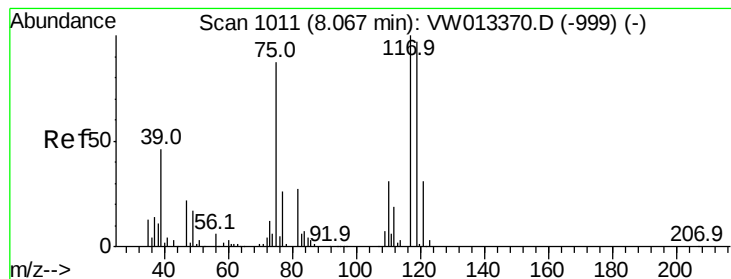


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 7.066 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW013473.D

Acq: 07 Oct 2019 19:29

Instrument :

MSVOA_W

ClientSampleId :

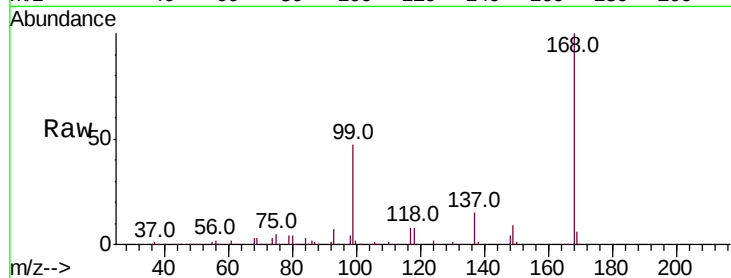
Tot Ion:117 Resp: 28188

Ion Ratio Lower Upper

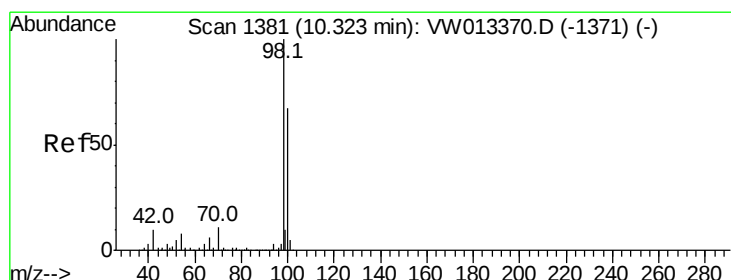
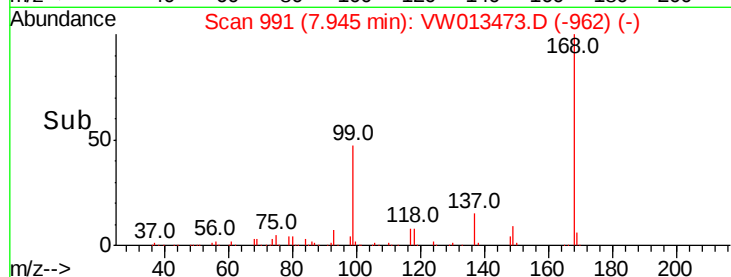
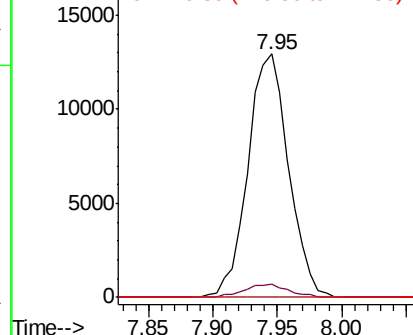
117 100

119 5.6 73.5 110.3#

121 0.0 25.0 37.6#



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: 52.878 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013473.D

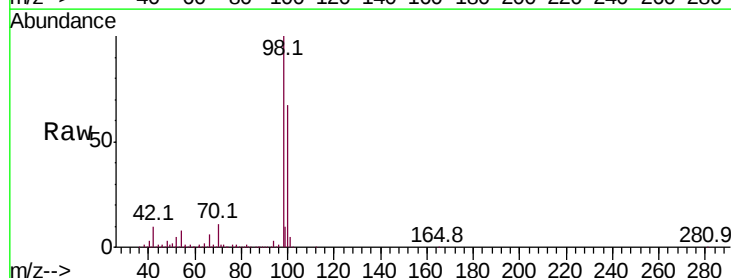
Acq: 07 Oct 2019 19:29

Tgt Ion: 98 Resp: 570909

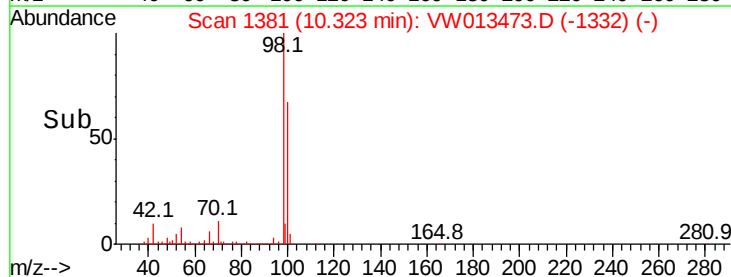
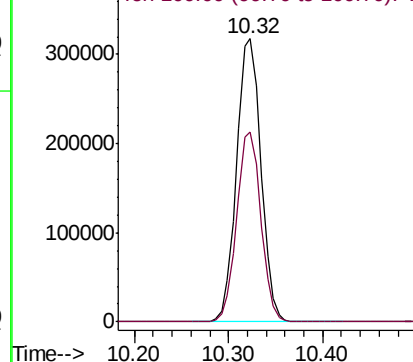
Ion Ratio Lower Upper

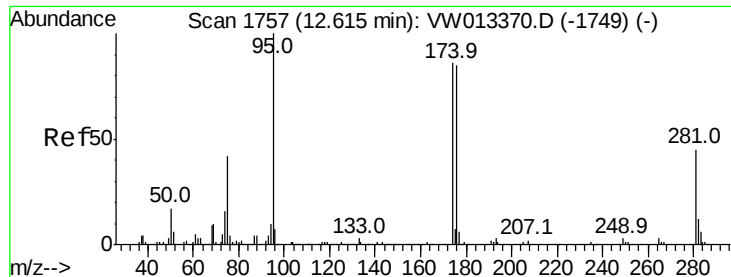
98 100

100 66.4 52.9 79.3



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

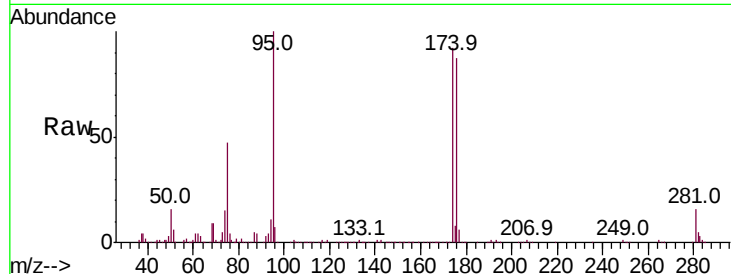




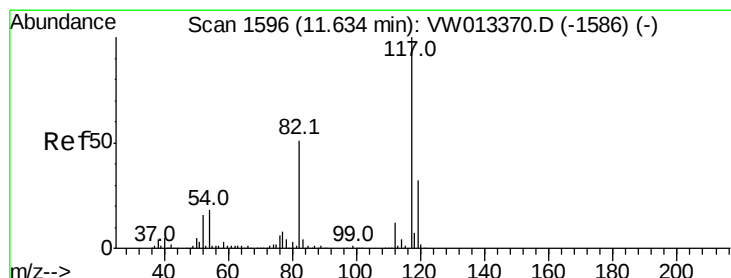
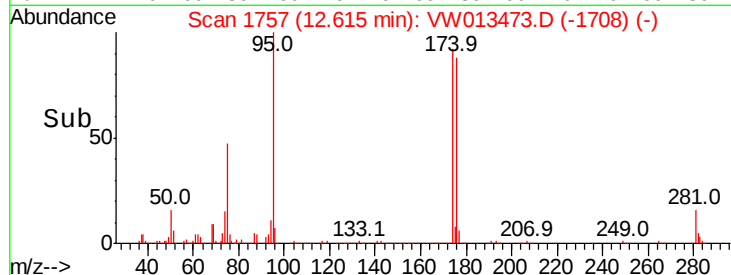
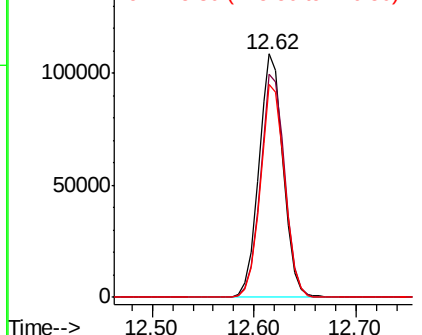
#62
4-Bromofluorobenzene
Concen: 49.921 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013473.D
Acq: 07 Oct 2019 19:29

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	95	Resp	179986
Ion Ratio	100		
Lower			
Upper			
174	92.0	0.0	178.4
176	87.4	0.0	172.2

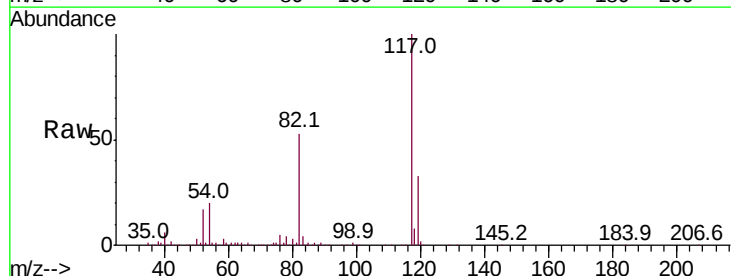


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

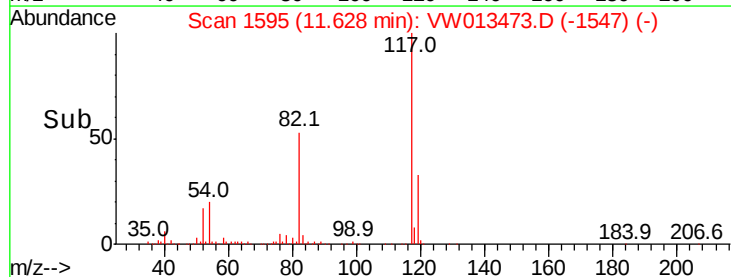
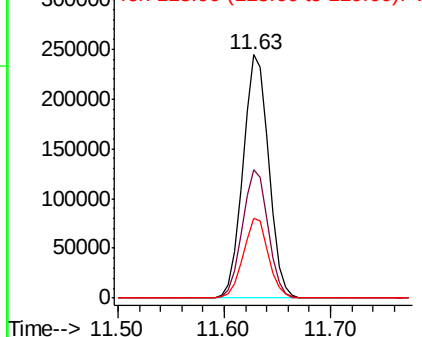


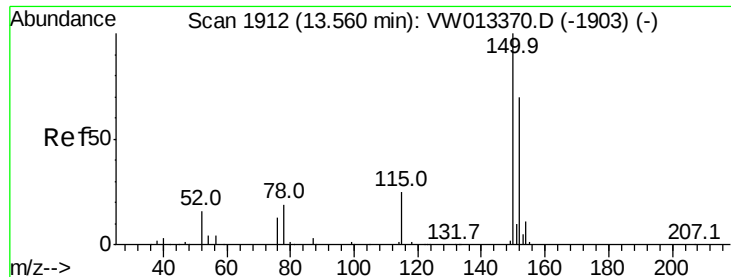
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013473.D
Acq: 07 Oct 2019 19:29

Tgt Ion	117	Resp	415786
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
82	52.6	45.9	68.9
119	32.9	26.2	39.2



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW013473.D

Acq: 07 Oct 2019 19:29

Instrument :

MSVOA_W

ClientSampleId :

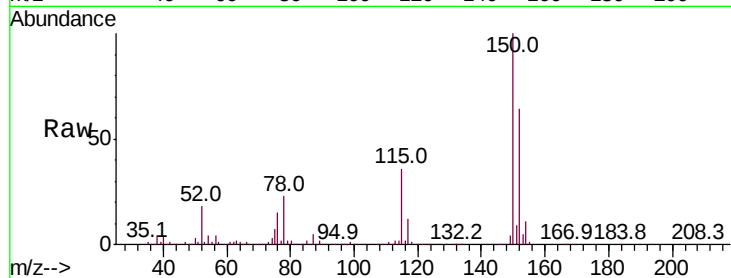
Tot Ion:152 Resp: 184159

Ion Ratio Lower Upper

152 100

115 55.0 27.3 81.9

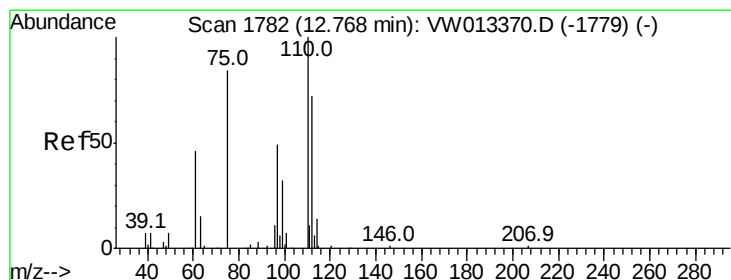
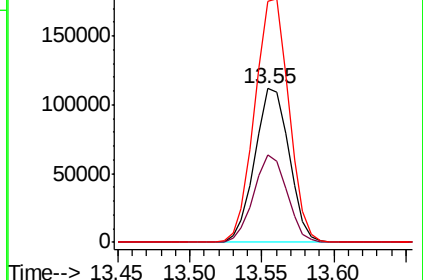
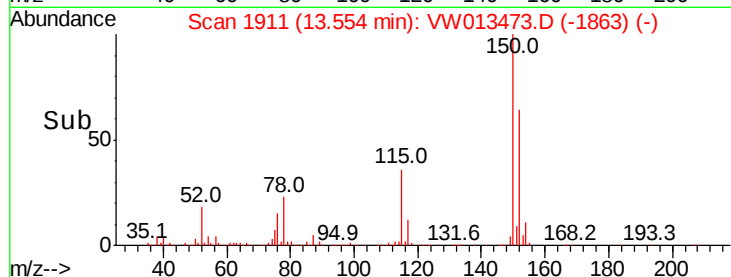
150 157.2 0.0 349.0



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: 51.773 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013473.D

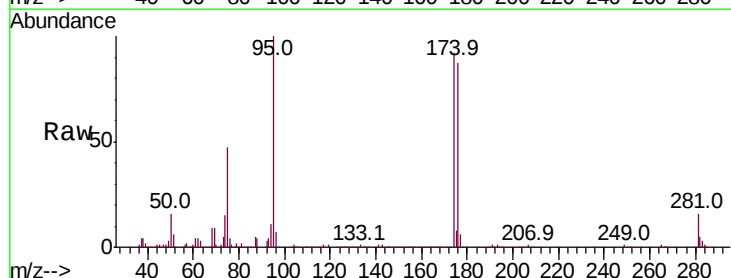
Acq: 07 Oct 2019 19:29

Tgt Ion: 75 Resp: 84739

Ion Ratio Lower Upper

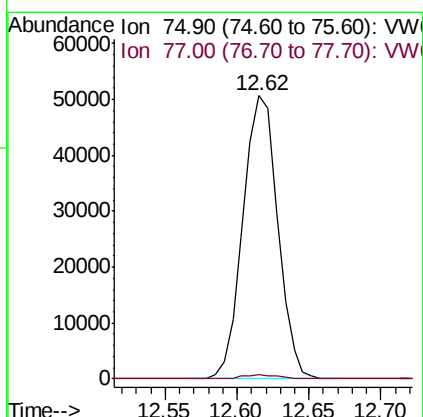
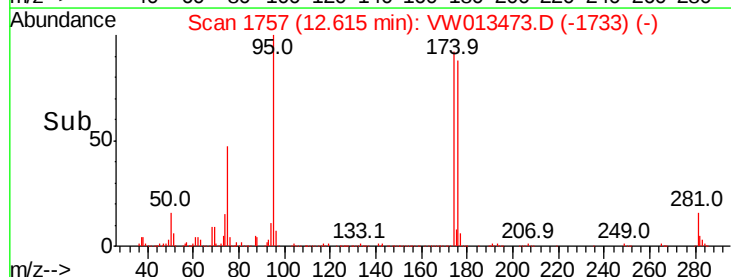
75 100

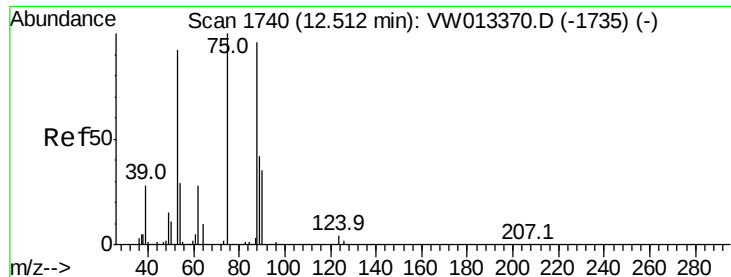
77 1.8 0.0 0.0#



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: 105.046 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013473.D

Acq: 07 Oct 2019 19:29

Instrument :

MSVOA_W

ClientSampleId :

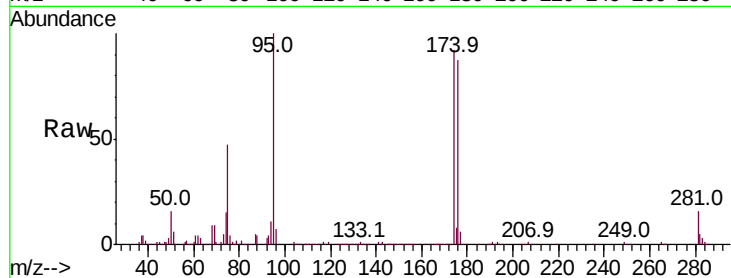
Tot Ion: 75 Resp: 84739

Ion Ratio Lower Upper

75 100

53 0.0 76.6 114.8#

89 0.2 33.5 50.3#



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

