

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090719\
 Data File : VW012755.D
 Acq On : 08 Sep 2019 08:24
 Operator : SY/VA
 Sample : K4636-11
 Misc : 5.01G/5ML/MSVOA_W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-34-9.5-10.0

Quant Time: Sep 09 04:07:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	253292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	382526	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	259772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	92463	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	135637	47.93	ug/l	0.00
Spiked Amount			Recovery	=	95.86%	
35) Dibromofluoromethane	7.88	113	117065	51.47	ug/l	0.00
Spiked Amount			Recovery	=	102.94%	
50) Toluene-d8	10.32	98	396025	44.45	ug/l	0.00
Spiked Amount			Recovery	=	88.90%	
62) 4-Bromofluorobenzene	12.62	95	106288	32.86	ug/l	0.00
Spiked Amount			Recovery	=	65.72%	

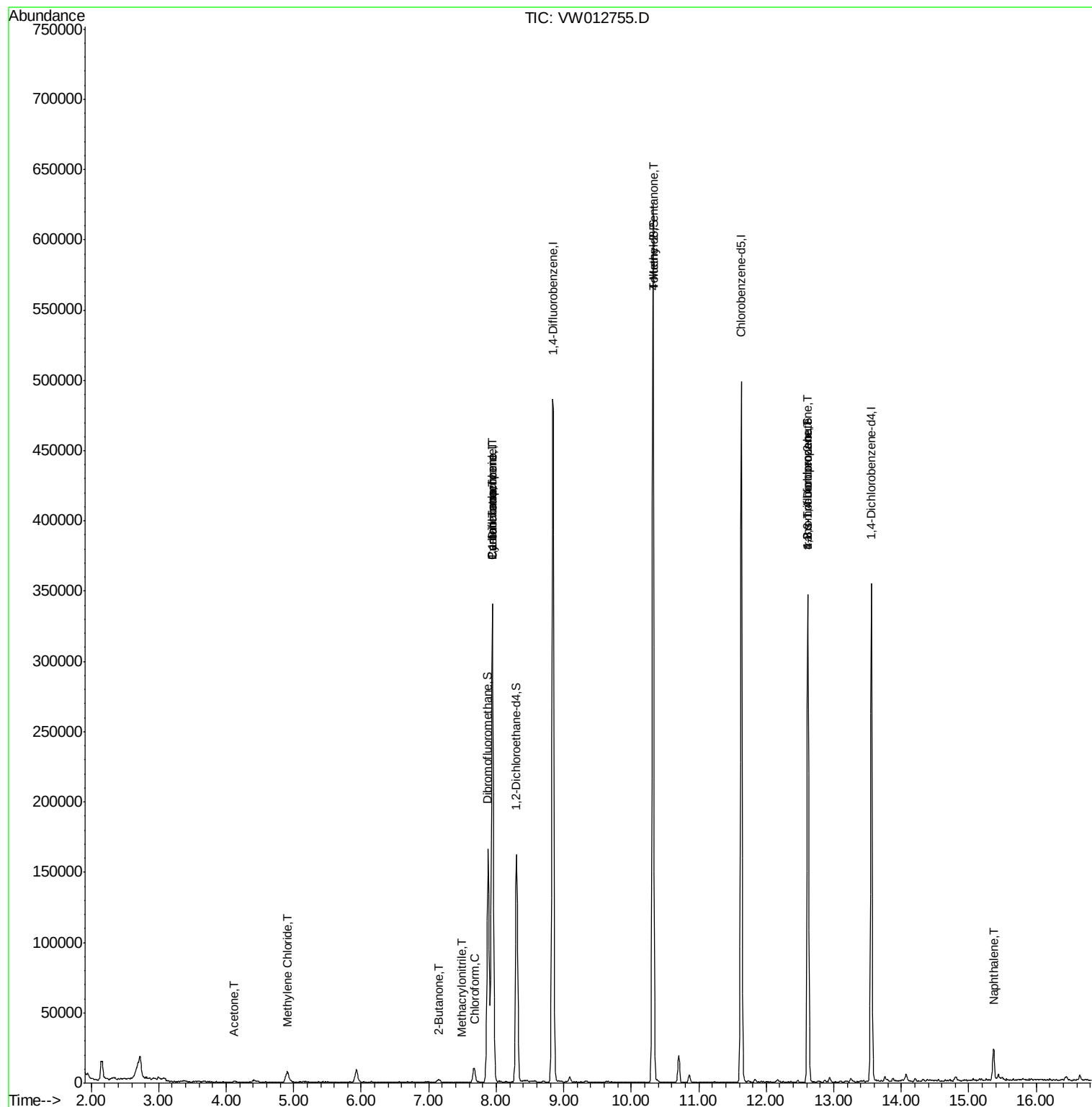
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	1228	1.592	ug/l #	70
20) Methylene Chloride	4.90	84	5290	2.192	ug/l #	90
25) 2-Butanone	7.16	43	78	19.743	ug/l #	53
30) Chloroform	7.67	83	9358	2.043	ug/l	99
31) Cyclohexane	7.93	56	5899	1.418	ug/l #	18
36) 1,1-Dichloropropene	7.94	75	20470	6.023	ug/l #	51
38) Carbon Tetrachloride	7.94	117	25875	7.723	ug/l #	16
41) Methacrylonitrile	7.49	41	33	3.859	ug/l #	1
51) 4-Methyl-2-Pentanone	10.32	43	2486	1.154	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	59183	62.596	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	59183	132.395	ug/l #	6
95) Naphthalene	15.37	128	18149	8.702	ug/l	96

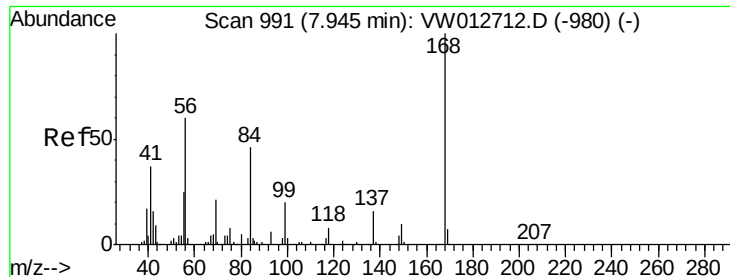
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090719\
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SB-34-9.5-10.0

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW012755.D

Acq: 08 Sep 2019 08:24

Instrument :

MSVOA_W

ClientSampleId :

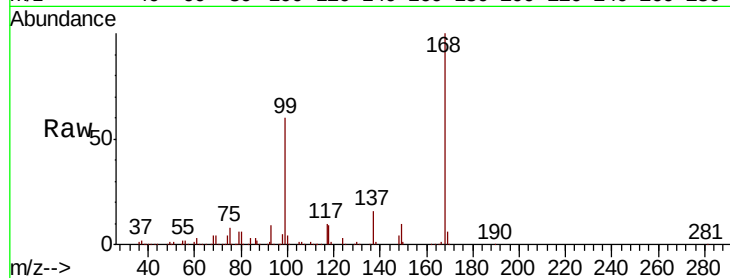
SB-34-9.5-10.0

Tgt Ion:168 Resp: 253292

Ion Ratio Lower Upper

168 100

99 59.9 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.94

120000

100000

80000

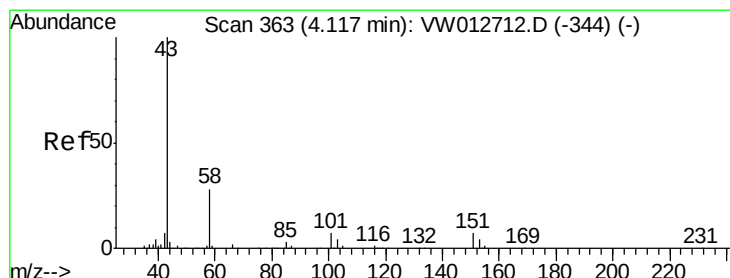
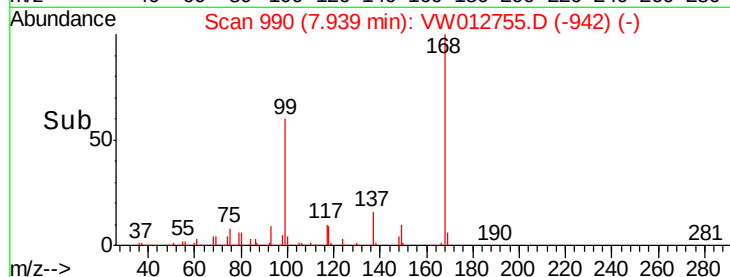
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 1.592 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW012755.D

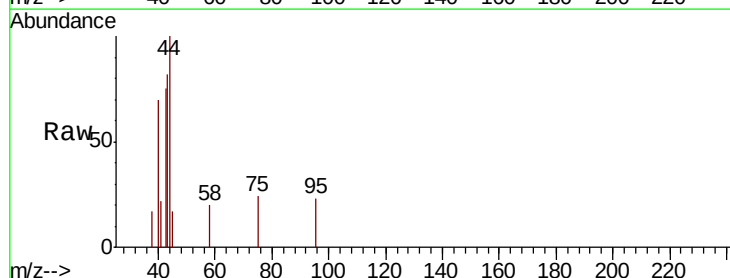
Acq: 08 Sep 2019 08:24

Tgt Ion: 43 Resp: 1228

Ion Ratio Lower Upper

43 100

58 12.5 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

500

400

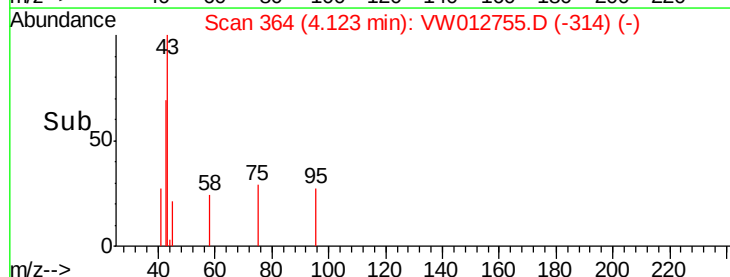
300

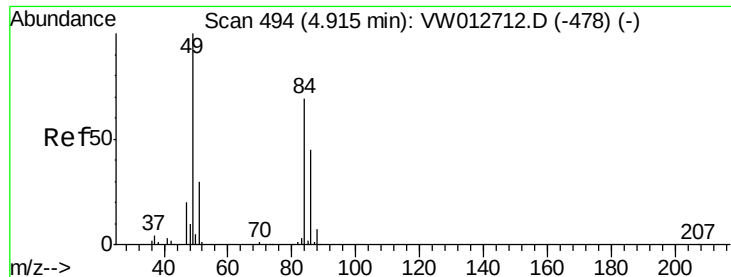
200

100

0

Time-->

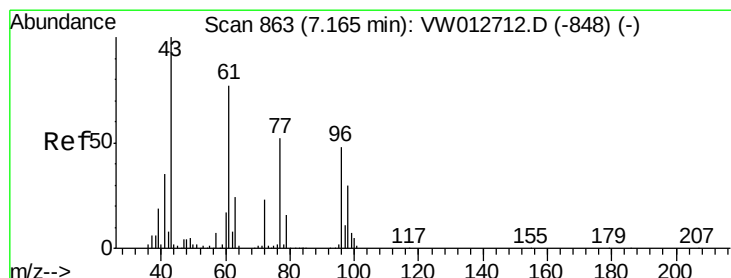
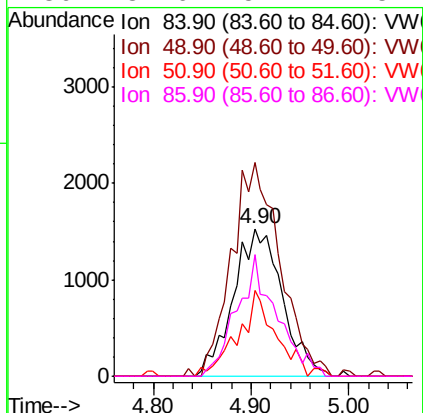
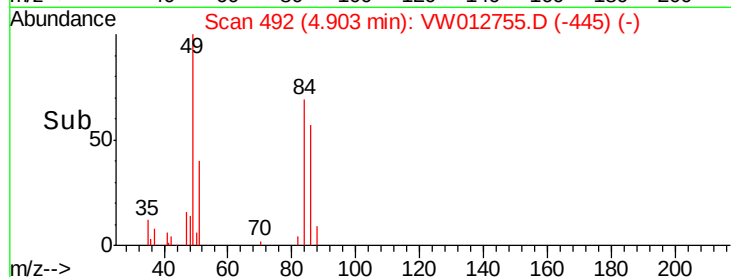
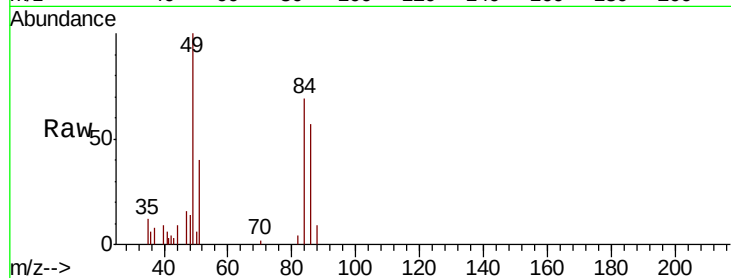




#20
Methylene Chloride
Concen: 2.192 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW012755.D
Acq: 08 Sep 2019 08:24

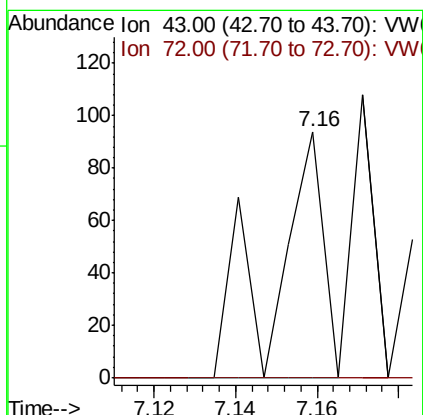
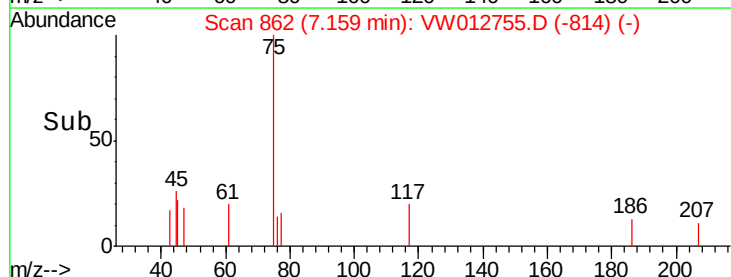
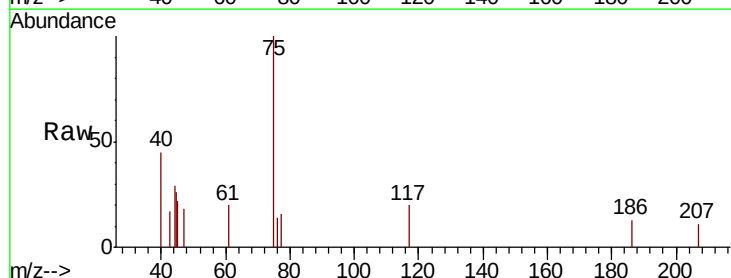
Instrument :
MSVOA_W
ClientSampleId :
SB-34-9.5-10.0

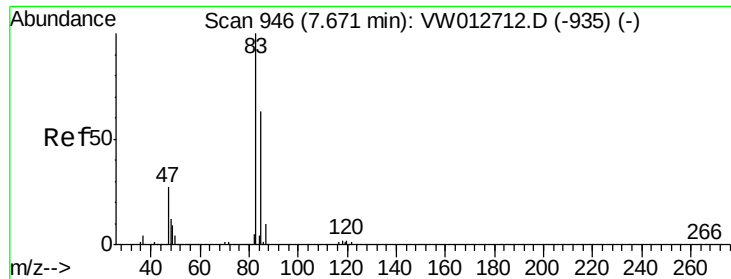
Tgt Ion: 84 Resp: 5290
Ion Ratio Lower Upper
84 100
49 145.0 115.4 173.0
51 58.7 34.9 52.3#
86 82.6 52.2 78.4#



#25
2-Butanone
Concen: 19.743 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW012755.D
Acq: 08 Sep 2019 08:24

Tgt Ion: 43 Resp: 78
Ion Ratio Lower Upper
43 100
72 0.0 18.0 27.0#

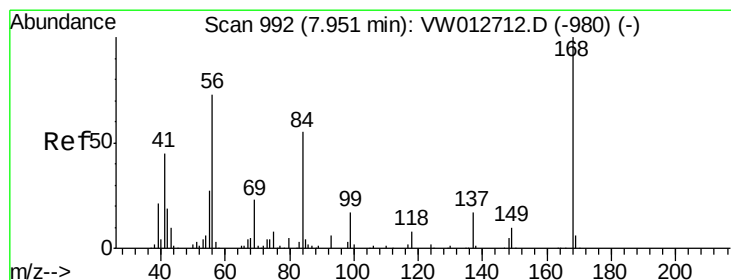
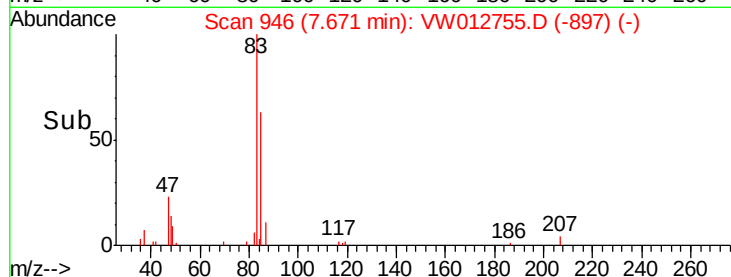
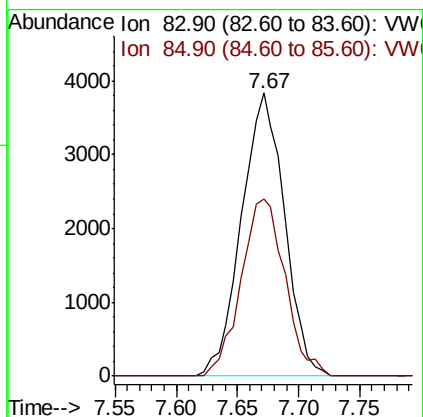
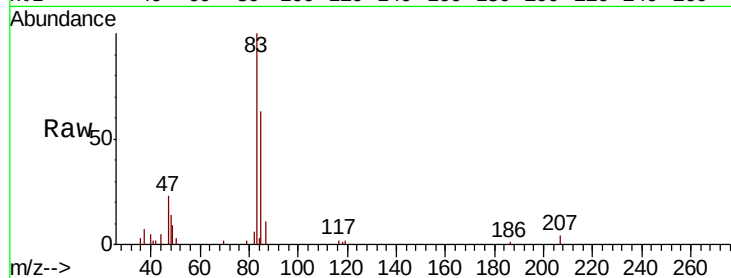




#30
Chloroform
Concen: 2.043 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW012755.D
Acq: 08 Sep 2019 08:24

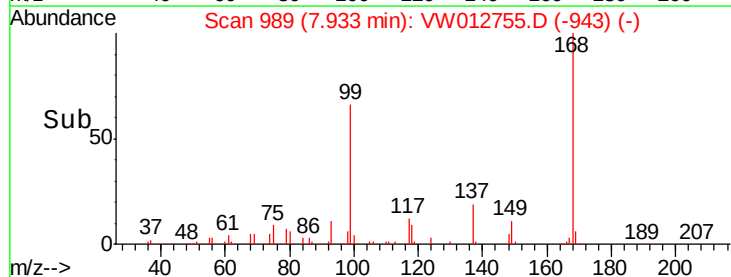
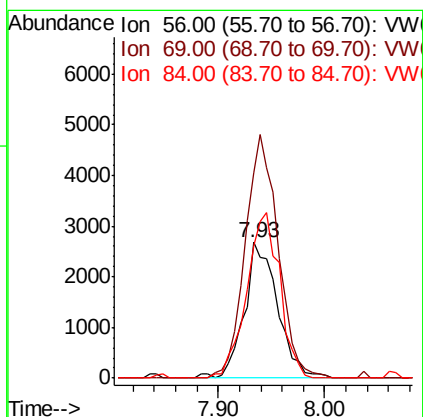
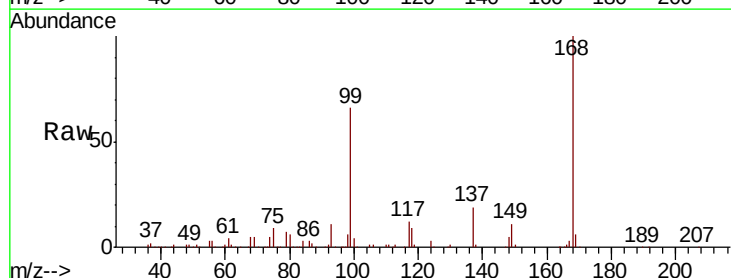
Instrument :
MSVOA_W
ClientSampleId :
SB-34-9.5-10.0

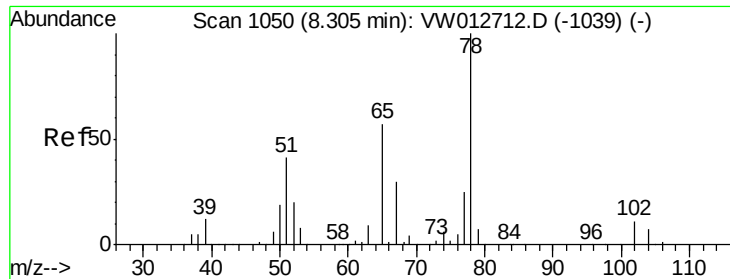
Tgt Ion: 83 Resp: 9358
Ion Ratio Lower Upper
83 100
85 62.7 50.6 76.0



#31
Cyclohexane
Concen: 1.418 ug/l
RT: 7.93 min Scan# 989
Delta R.T. -0.02 min
Lab File: VW012755.D
Acq: 08 Sep 2019 08:24

Tgt Ion: 56 Resp: 5899
Ion Ratio Lower Upper
56 100
69 150.9 25.7 38.5#
84 97.8 60.4 90.6#

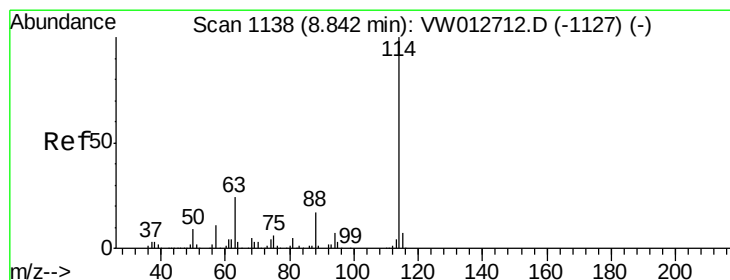
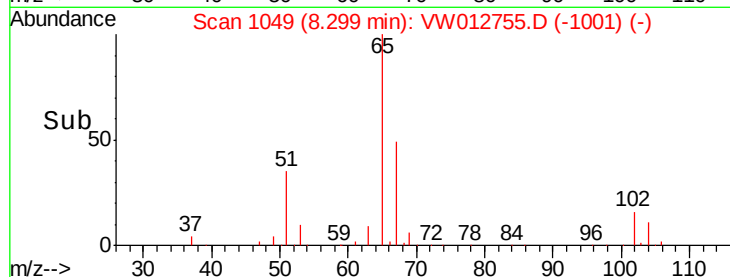
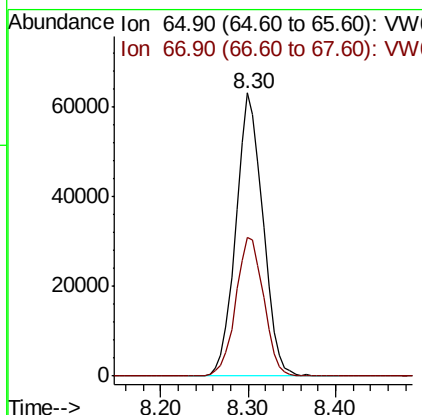
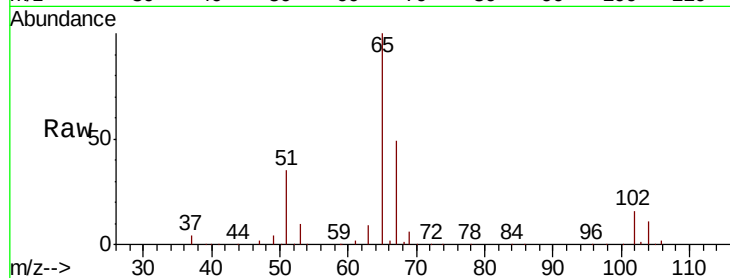




#33
 1,2-Dichloroethane-d4
 Concen: 47.926 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012755.D
 Acq: 08 Sep 2019 08:24

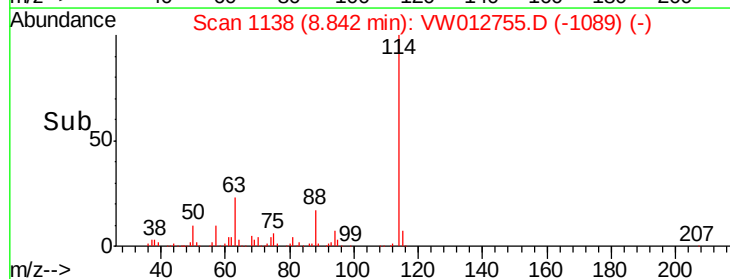
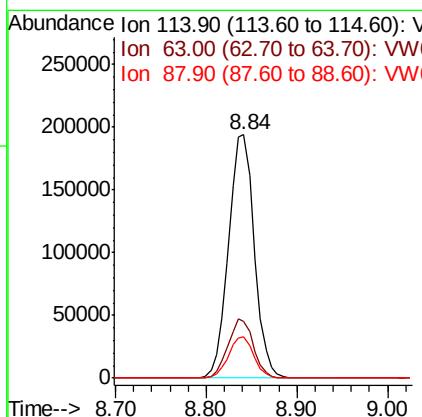
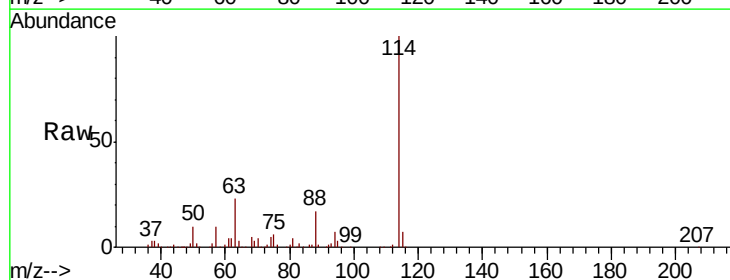
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-34-9.5-10.0

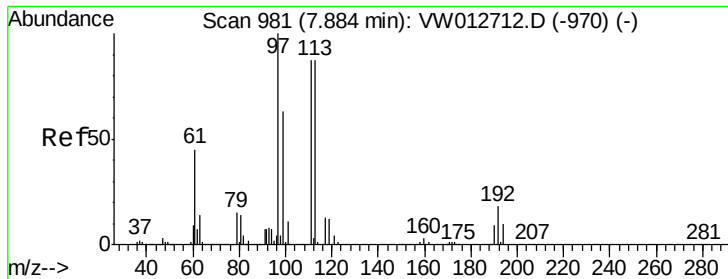
Tgt Ion: 65 Resp: 135637
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012755.D
 Acq: 08 Sep 2019 08:24

Tgt Ion: 114 Resp: 382526
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 47.2
 88 16.8 0.0 34.0

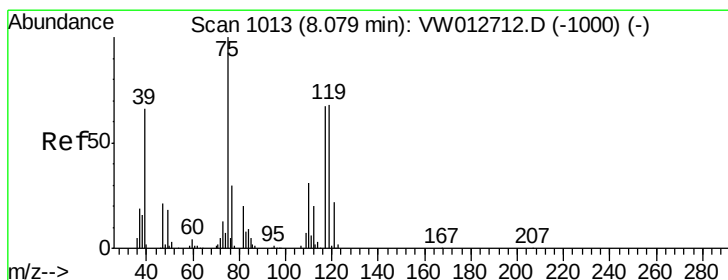
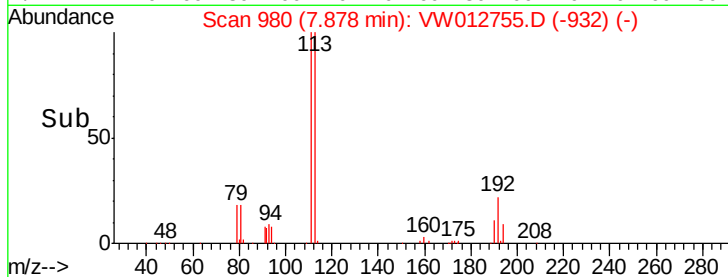
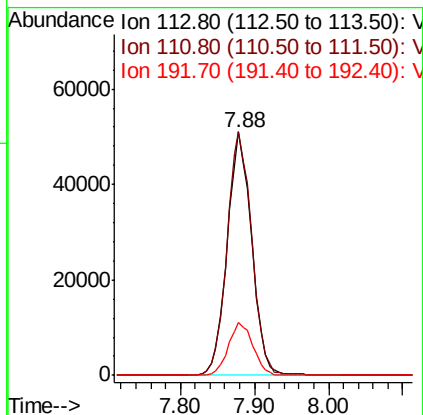
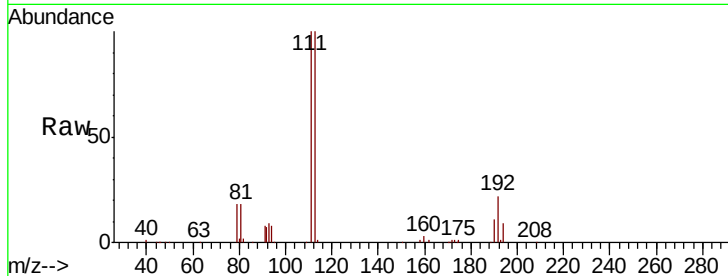




#35
 Dibromofluoromethane
 Concen: 51.475 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012755.D
 Acq: 08 Sep 2019 08:24

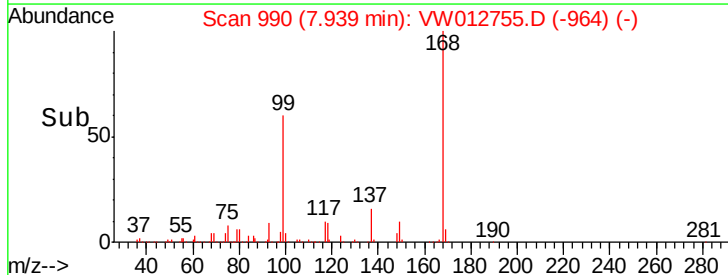
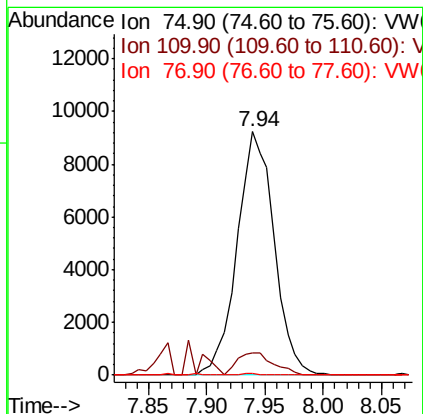
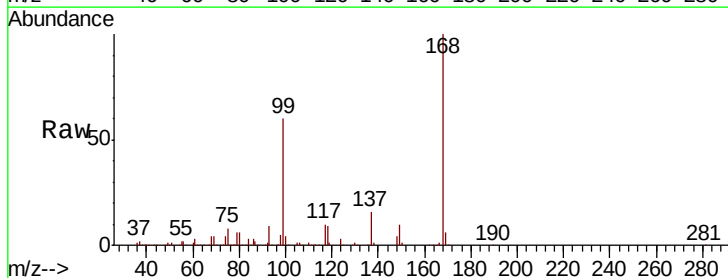
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-34-9.5-10.0

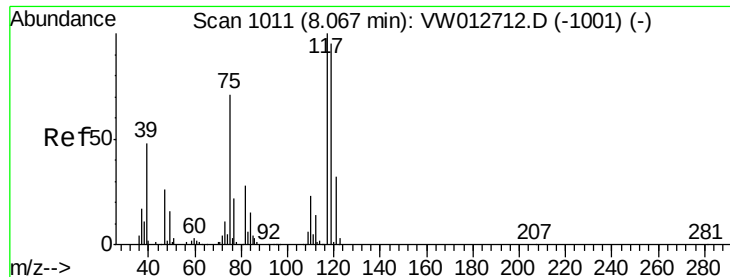
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	80.2	120.4
192	21.7	17.3	25.9



#36
 1,1-Dichloropropene
 Concen: 6.023 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW012755.D
 Acq: 08 Sep 2019 08:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	15.9	47.7#
77	0.2	25.0	37.4#





#38

Carbon Tetrachloride

Concen: 7.723 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.13 min

Lab File: VW012755.D

Acq: 08 Sep 2019 08:24

Instrument :

MSVOA_W

ClientSampleId :

SB-34-9.5-10.0

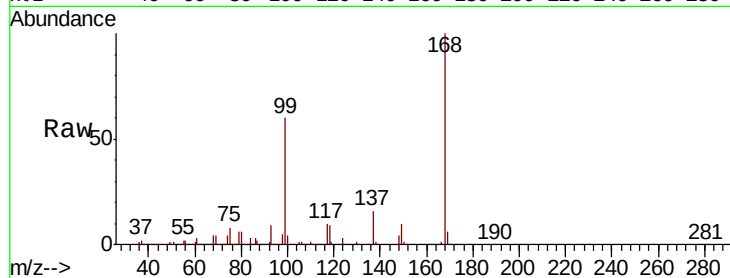
Tgt Ion:117 Resp: 25875

Ion Ratio Lower Upper

117 100

119 4.9 76.2 114.2#

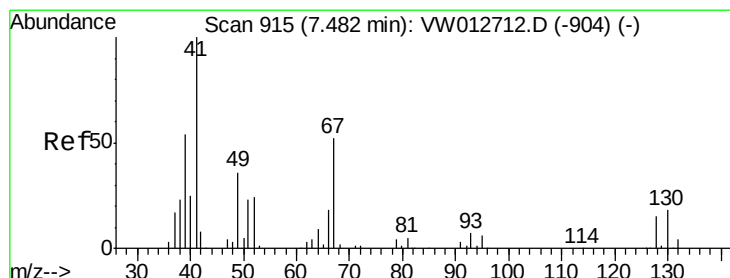
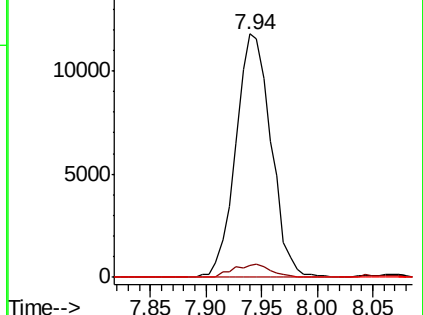
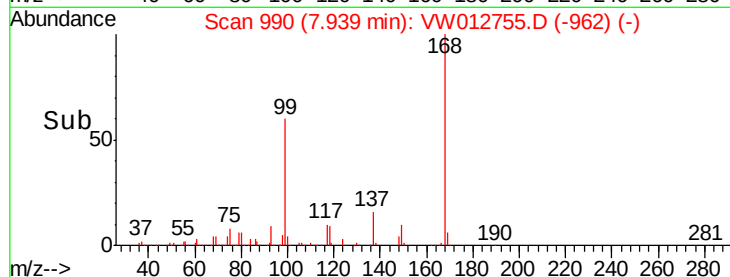
121 0.0 25.4 38.2#



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



#41

Methacrylonitrile

Concen: 3.859 ug/l

RT: 7.49 min Scan# 917

Delta R.T. 0.01 min

Lab File: VW012755.D

Acq: 08 Sep 2019 08:24

Tgt Ion: 41 Resp: 33

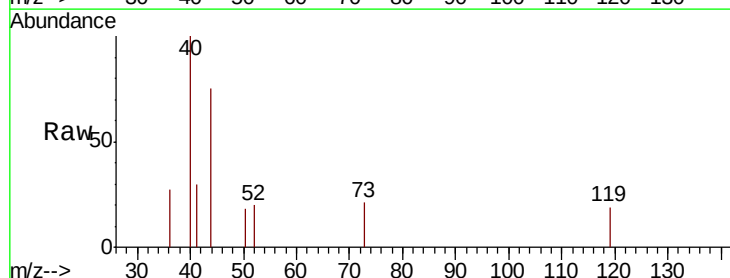
Ion Ratio Lower Upper

41 100

39 0.0 47.5 71.3#

67 0.0 45.1 67.7#

52 127.3 20.2 30.2#

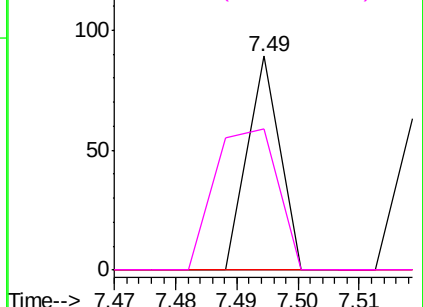
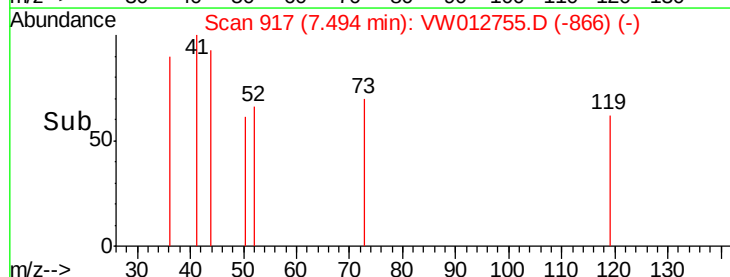


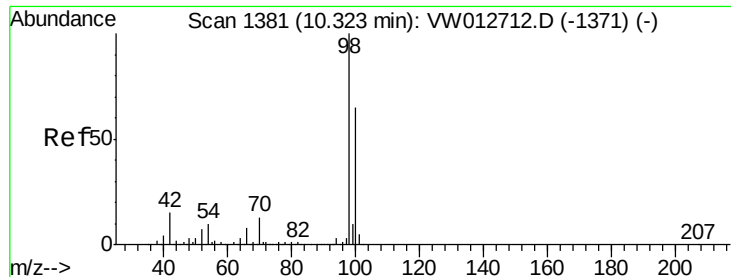
Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW

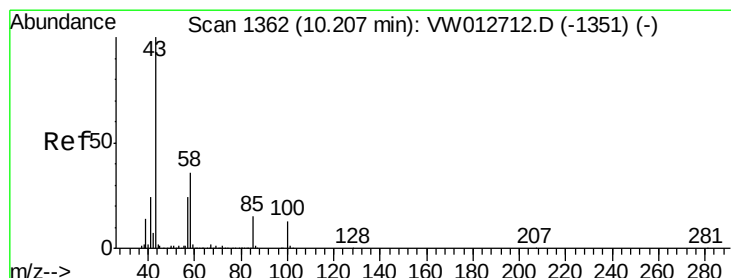
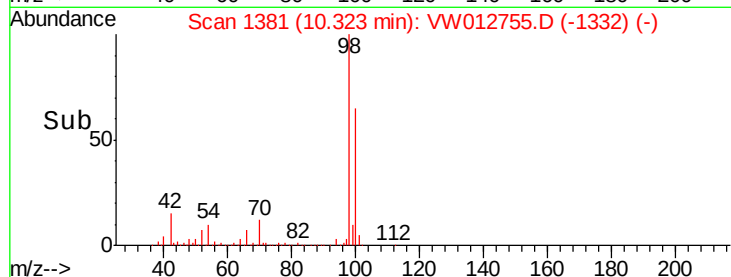
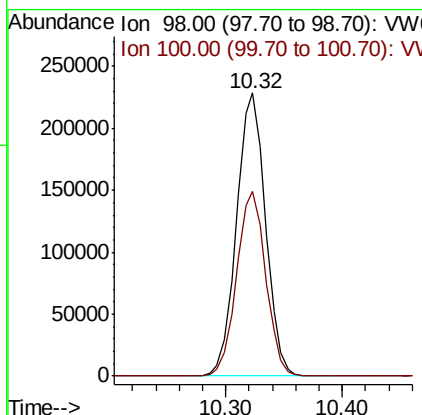
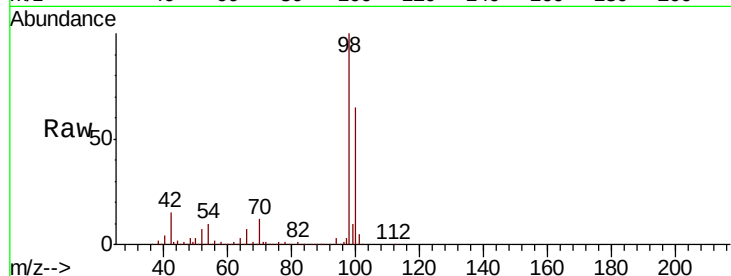




#50
Toluene-d8
Concen: 44.448 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012755.D
Acq: 08 Sep 2019 08:24

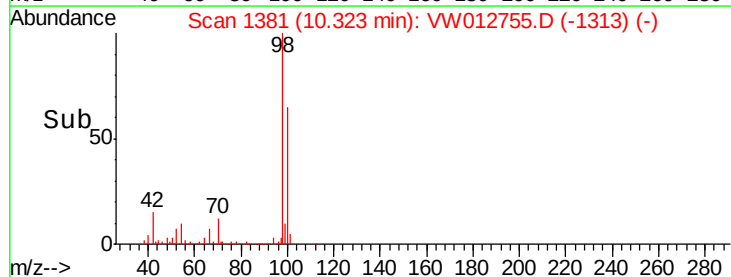
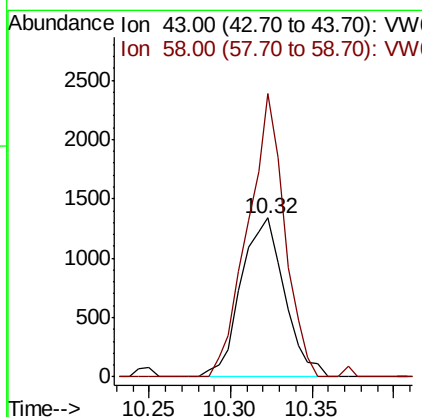
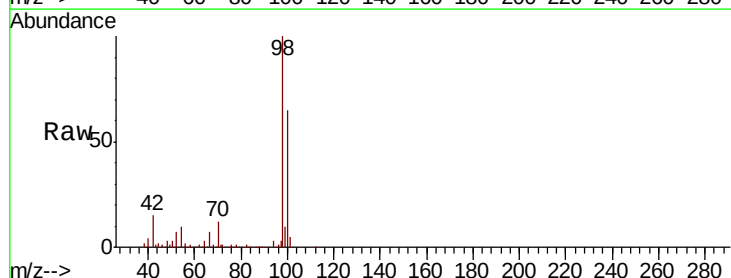
Instrument :
MSVOA_W
ClientSampleId :
SB-34-9.5-10.0

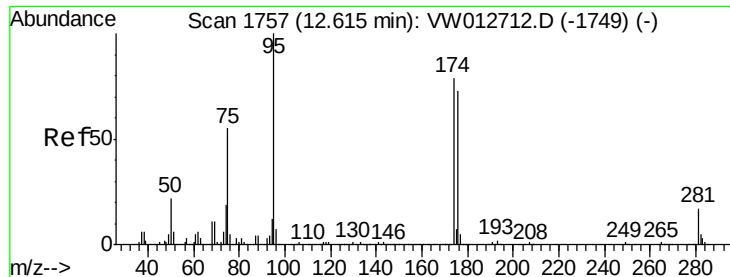
Tgt Ion: 98 Resp: 396025
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 1.154 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.12 min
Lab File: VW012755.D
Acq: 08 Sep 2019 08:24

Tgt Ion: 43 Resp: 2486
Ion Ratio Lower Upper
43 100
58 150.8 28.4 42.6#

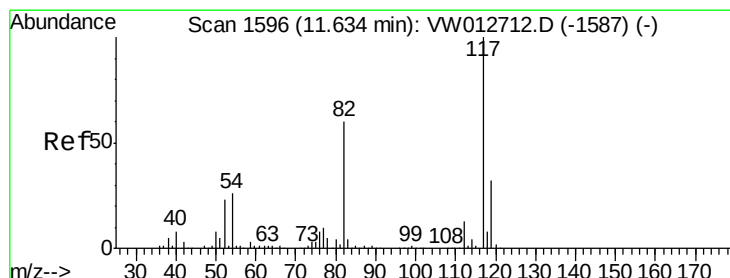
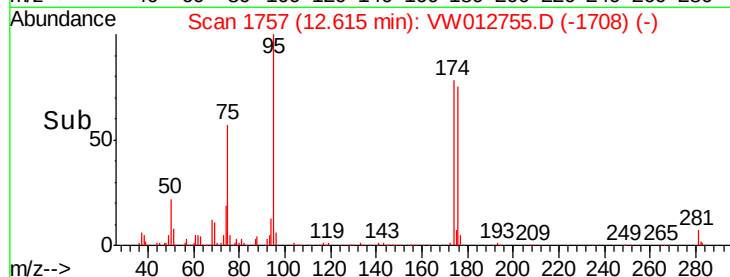
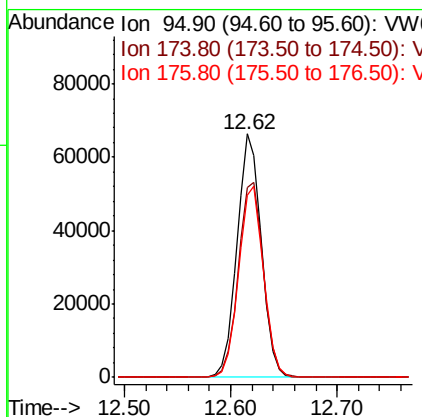
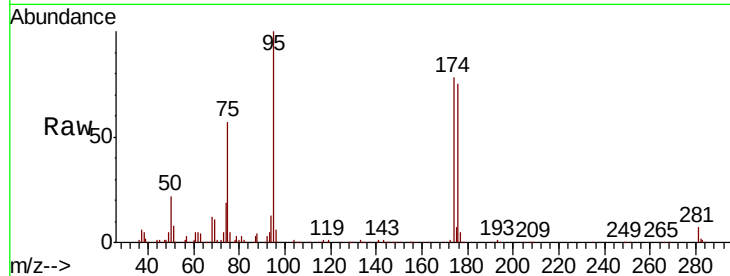




#62
4-Bromofluorobenzene
Concen: 32.860 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012755.D
Acq: 08 Sep 2019 08:24

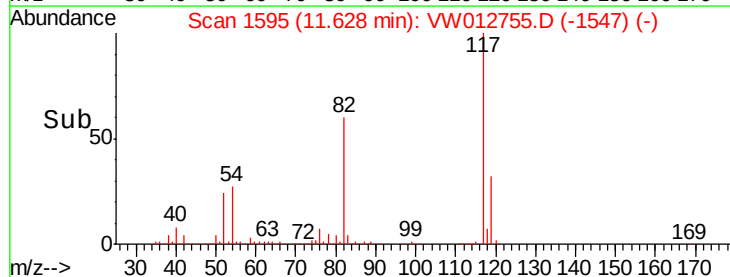
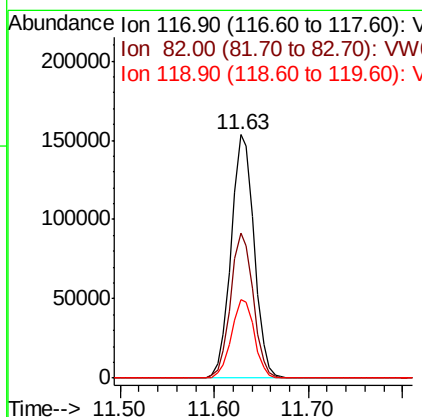
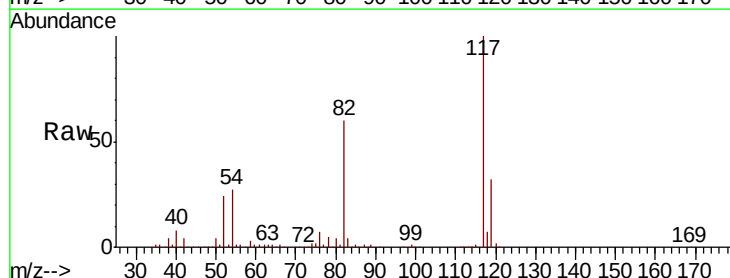
Instrument :
MSVOA_W
ClientSampleId :
SB-34-9.5-10.0

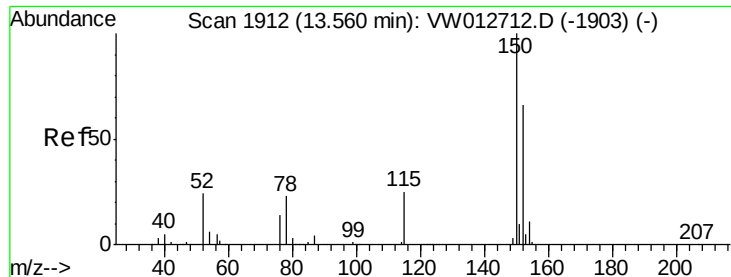
Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.0	0.0	161.0
176	80.6	0.0	156.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012755.D
Acq: 08 Sep 2019 08:24

Tgt Ion	Ratio	Lower	Upper
117	100		
82	59.8	48.2	72.4
119	32.4	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW012755.D

Acq: 08 Sep 2019 08:24

Instrument :

MSVOA_W

ClientSampleId :

SB-34-9.5-10.0

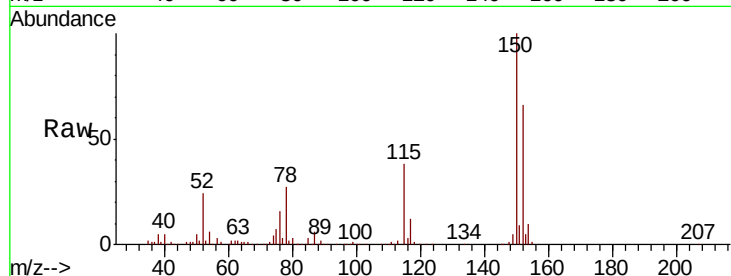
Tgt Ion:152 Resp: 92463

Ion Ratio Lower Upper

152 100

115 58.7 30.0 90.1

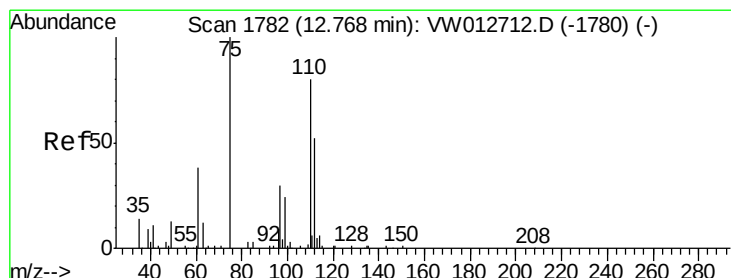
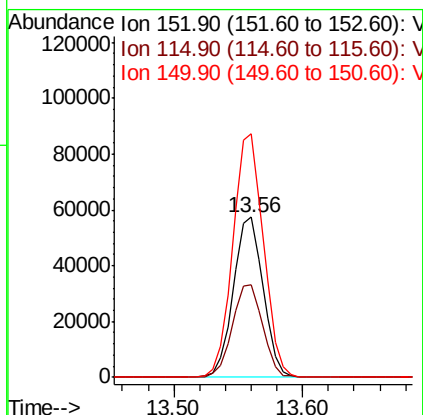
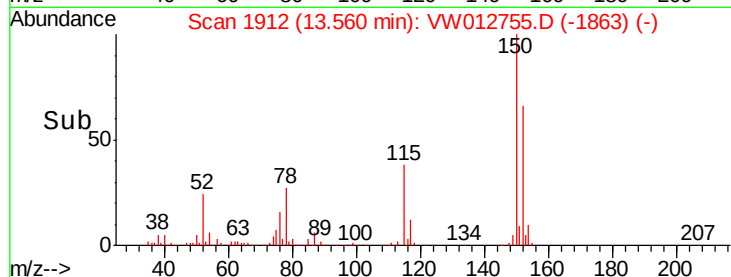
150 155.8 0.0 349.0



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: 62.596 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012755.D

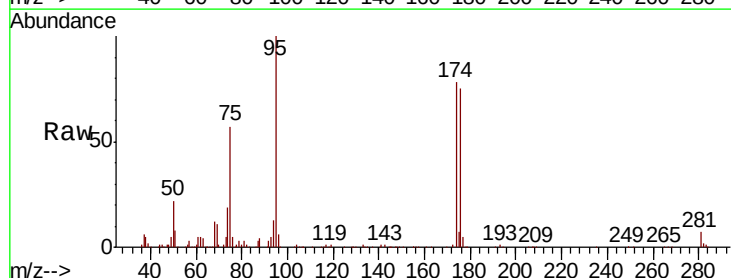
Acq: 08 Sep 2019 08:24

Tgt Ion: 75 Resp: 59183

Ion Ratio Lower Upper

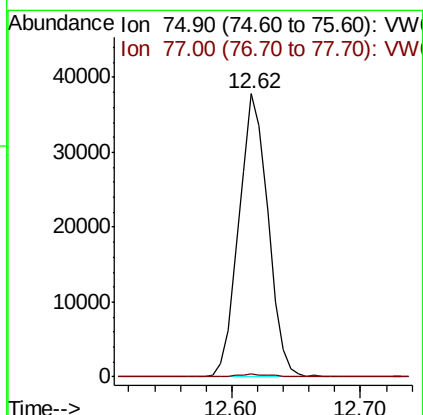
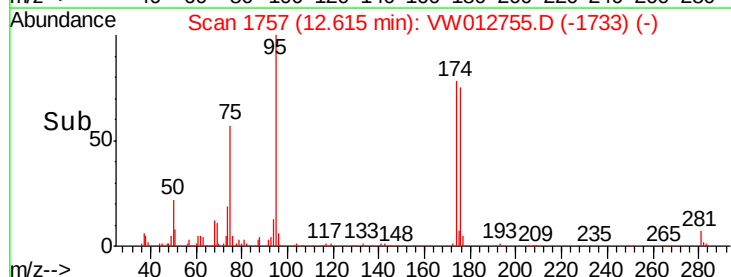
75 100

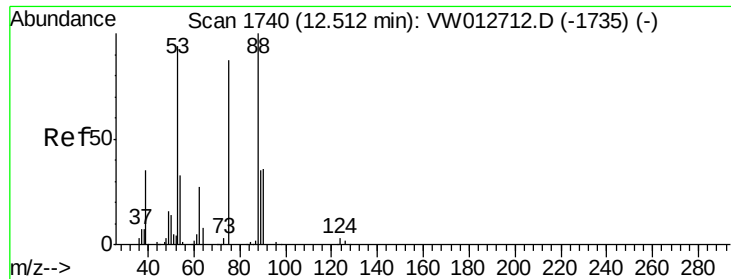
77 1.0 0.0 0.0#



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: 132.395 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012755.D

Acq: 08 Sep 2019 08:24

Instrument :

MSVOA_W

ClientSampleId :

SB-34-9.5-10.0

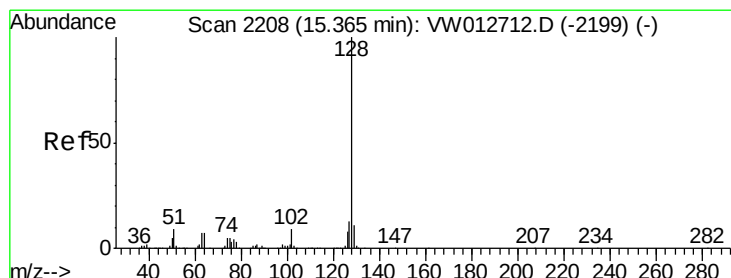
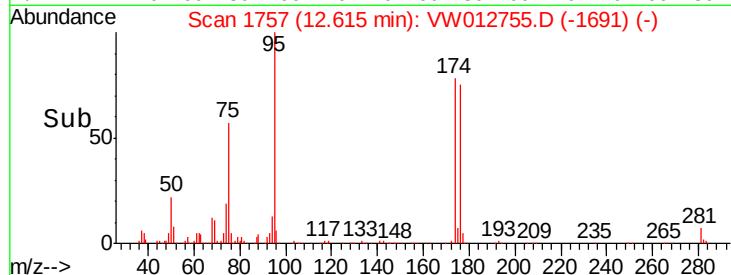
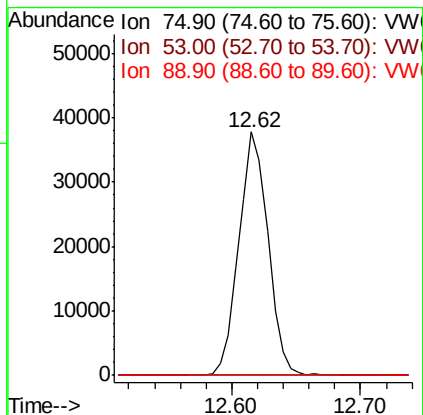
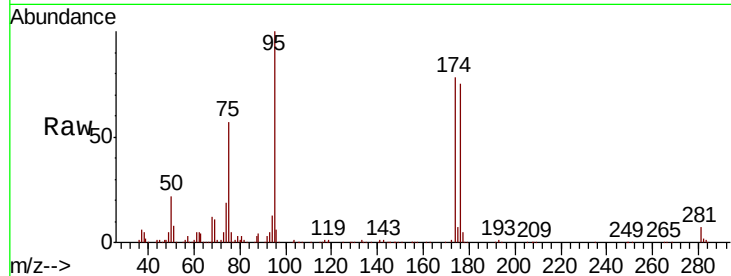
Tgt Ion: 75 Resp: 59183

Ion Ratio Lower Upper

75 100

53 0.1 87.6 131.4#

89 0.0 35.5 53.3#



#95

Naphthalene

Concen: 8.702 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VW012755.D

Acq: 08 Sep 2019 08:24

Tgt Ion: 128 Resp: 18149

Ion Ratio Lower Upper

128 100

127 14.5 10.7 16.1

129 12.7 8.7 13.1

