

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072019\
 Data File : VW011394.D
 Acq On : 20 Jul 2019 00:52
 Operator : SY/VA
 Sample : K3835-43
 Misc : 5.24G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-6(0-2)

Quant Time: Jul 20 05:55:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	261254	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	451736	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	375909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	152115	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	176708	53.83	ug/l	0.00
Spiked Amount						
35) Dibromofluoromethane	7.88	113	139515	51.82	ug/l	0.00
Spiked Amount						
50) Toluene-d8	10.32	98	557809	51.25	ug/l	0.00
Spiked Amount						
62) 4-Bromofluorobenzene	12.62	95	180540	45.26	ug/l	0.00
Spiked Amount						

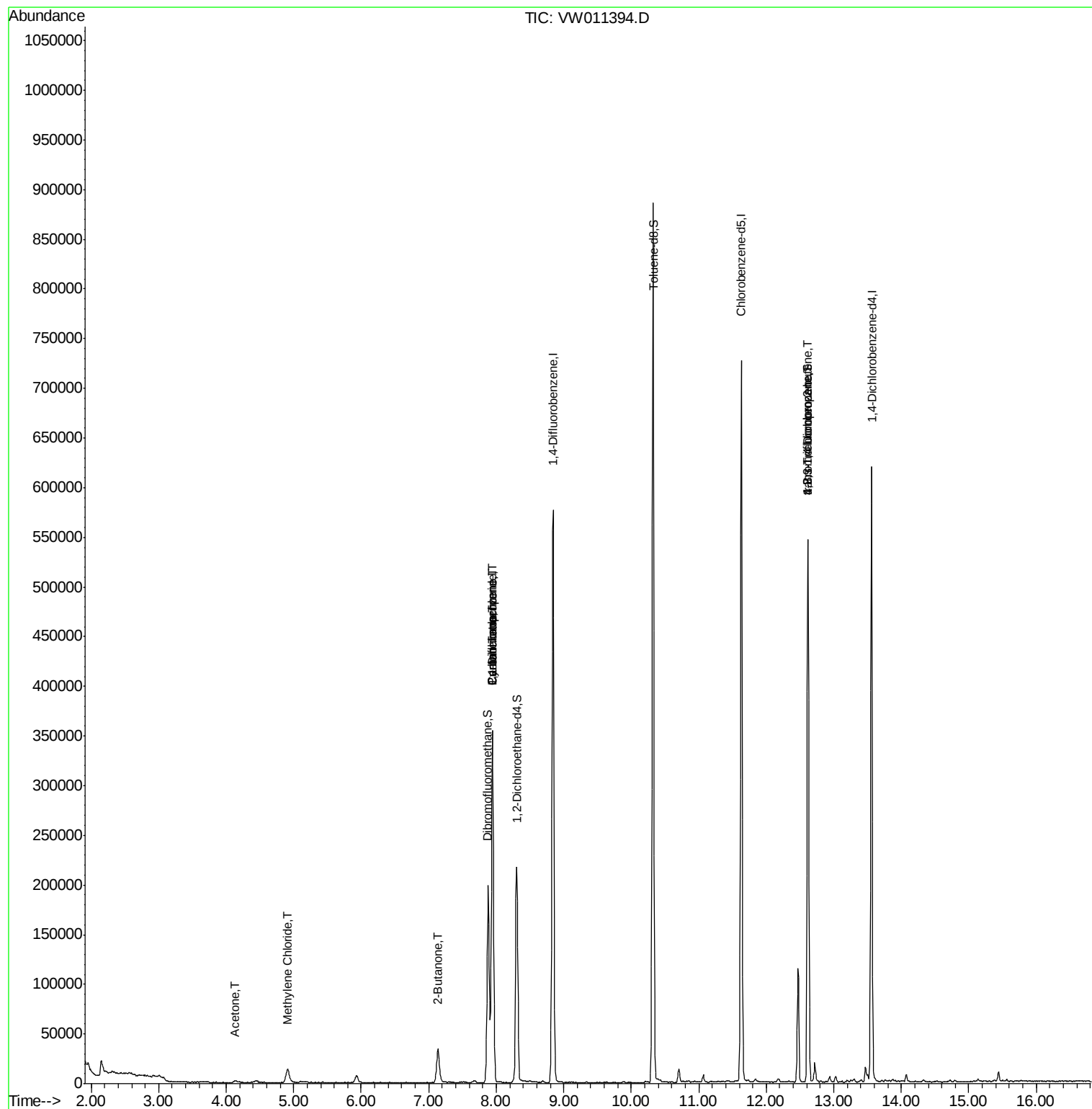
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	3834	4.854	ug/l #	84
18) Methyl Acetate	4.68	43	67	Below Cal	#	57
20) Methylene Chloride	4.91	84	10169	3.264	ug/l	97
25) 2-Butanone	7.13	43	2149	1.733	ug/l #	70
31) Cyclohexane	7.95	56	6882	1.082	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	23341	4.852	ug/l #	51
38) Carbon Tetrachloride	7.95	117	26518	6.503	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	96358	54.815	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	96358	123.981	ug/l #	5

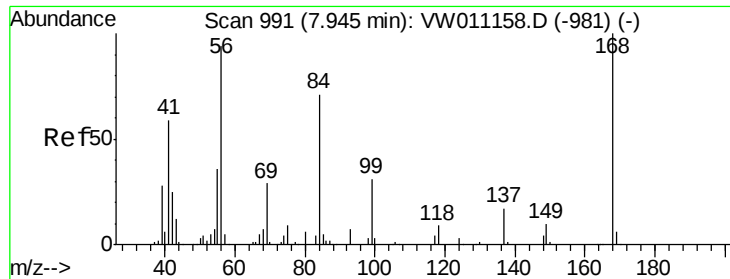
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW011394.D

Acq: 20 Jul 2019 00:52

Instrument :

MSVOA_W

ClientSampleId :

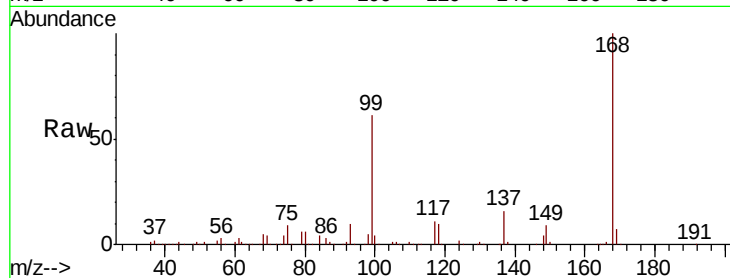
SB-6(0-2)

Tot Ion:168 Resp: 261254

Ion Ratio Lower Upper

168 100

99 61.4 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

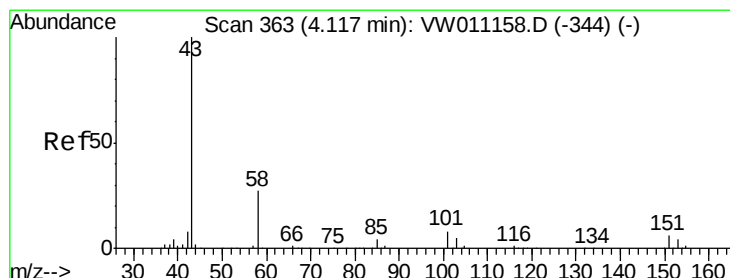
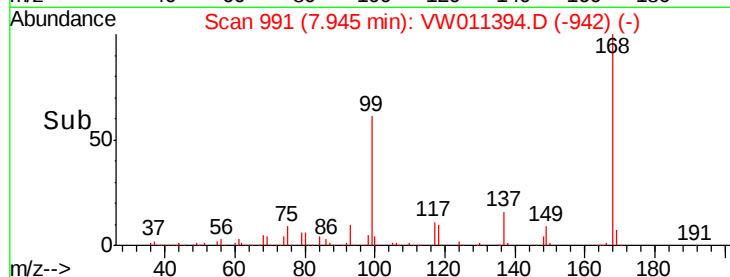
100000

50000

0

Time-->

7.90 8.00



#16

Acetone

Concen: 4.854 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW011394.D

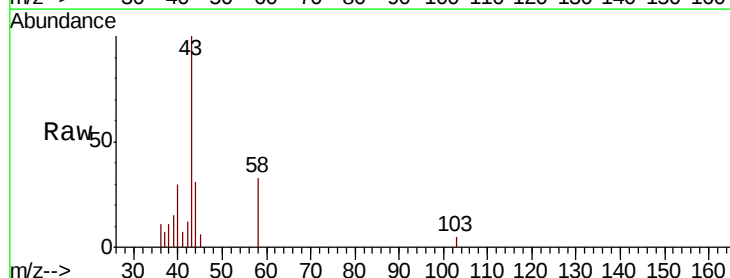
Acq: 20 Jul 2019 00:52

Tgt Ion: 43 Resp: 3834

Ion Ratio Lower Upper

43 100

58 35.3 21.8 32.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

1200

1000

800

600

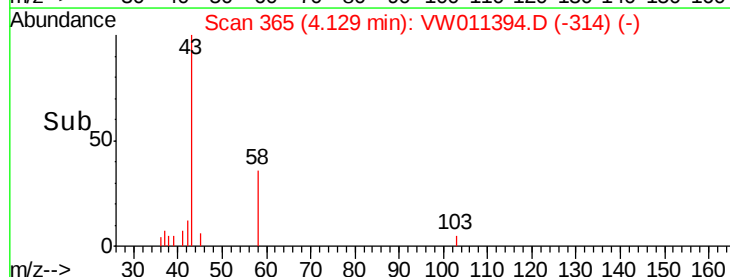
400

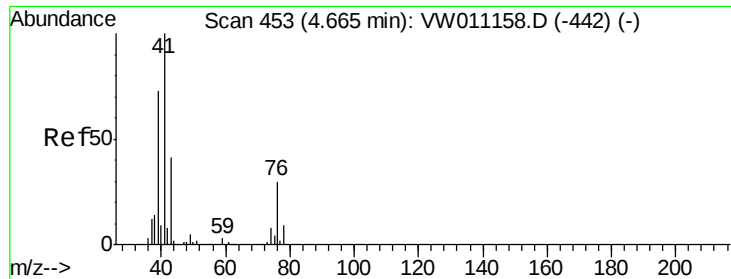
200

0

Time-->

4.00 4.10 4.20

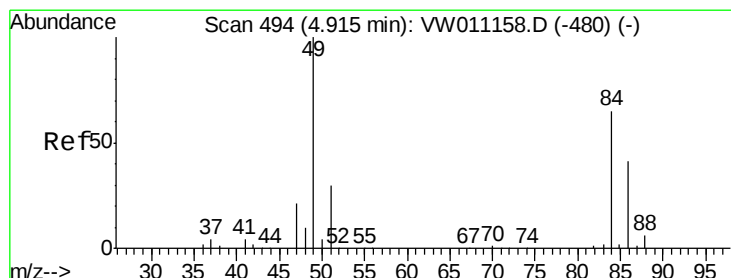
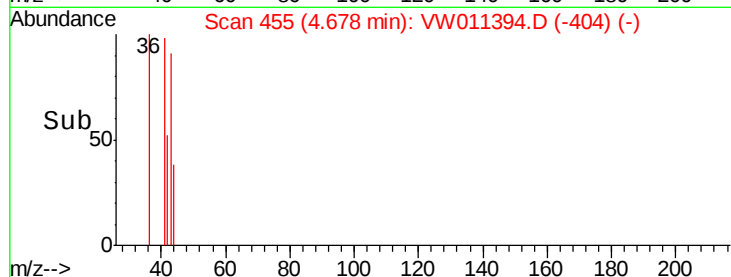
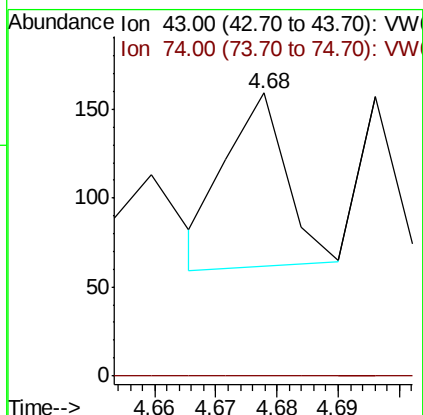
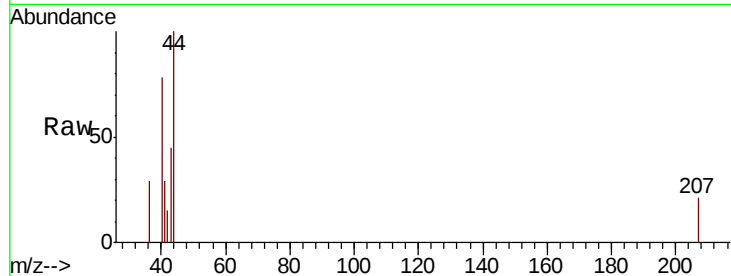




#18
Methyl Acetate
Concen: Below Cal
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW011394.D
Acq: 20 Jul 2019 00:52

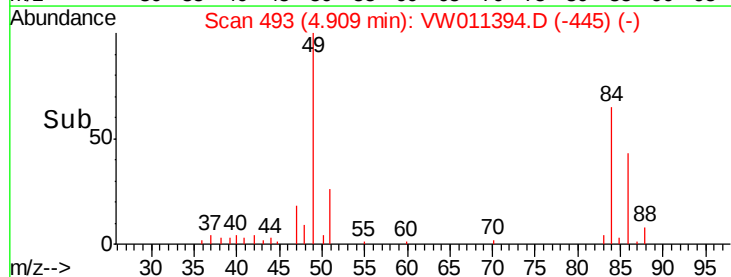
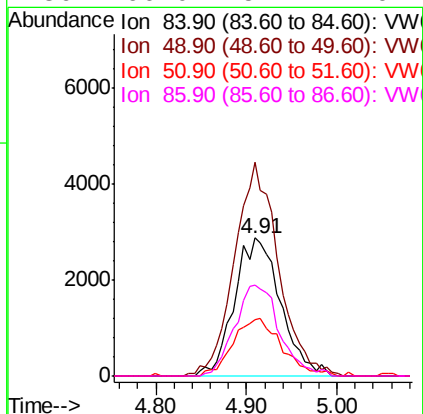
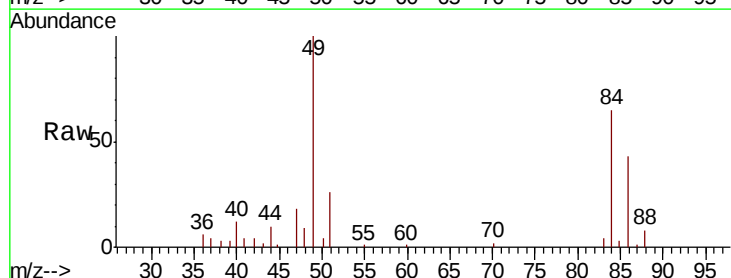
Instrument :
MSVOA_W
ClientSampleId :
SB-6(0-2)

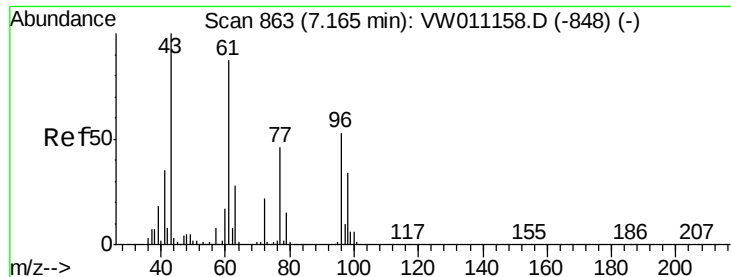
Tot Ion: 43 Resp: 67
Ion Ratio Lower Upper
43 100
74 0.0 15.7 23.5#



#20
Methylene Chloride
Concen: 3.264 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011394.D
Acq: 20 Jul 2019 00:52

Tgt Ion: 84 Resp: 10169
Ion Ratio Lower Upper
84 100
49 153.1 123.8 185.6
51 40.9 37.4 56.2
86 66.0 51.1 76.7





#25

2-Butanone

Concen: 1.733 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: VW011394.D

Acq: 20 Jul 2019 00:52

Instrument :

MSVOA_W

ClientSampleId :

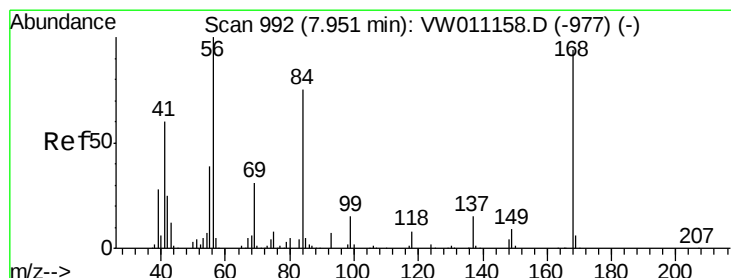
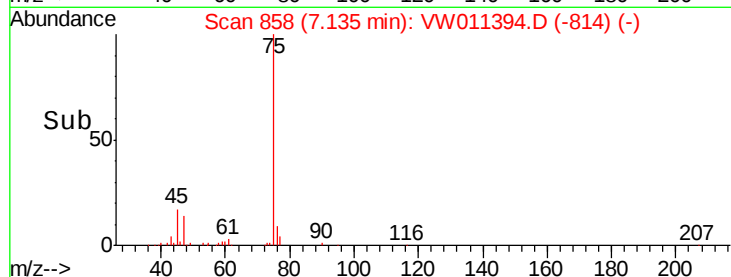
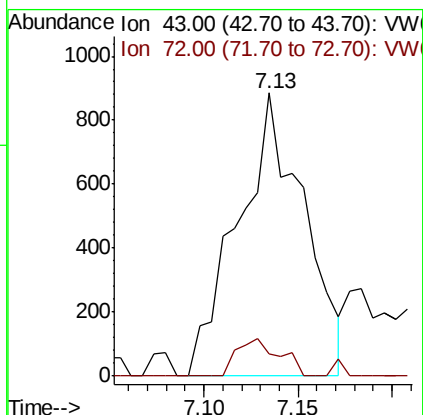
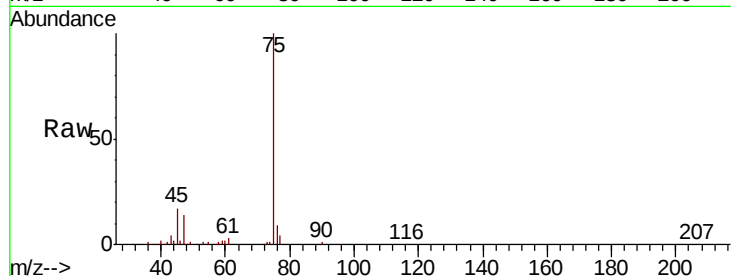
SB-6(0-2)

Tot Ion: 43 Resp: 2149

Ion Ratio Lower Upper

43 100

72 7.8 17.6 26.4#



#31

Cyclohexane

Concen: 1.082 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW011394.D

Acq: 20 Jul 2019 00:52

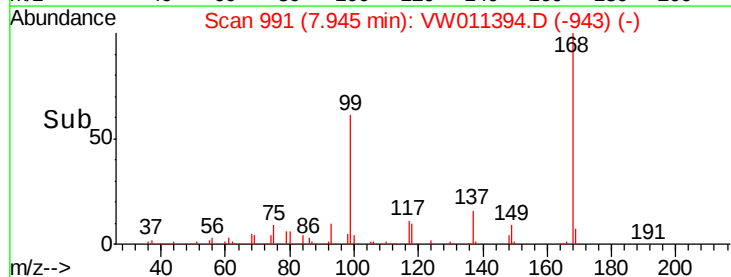
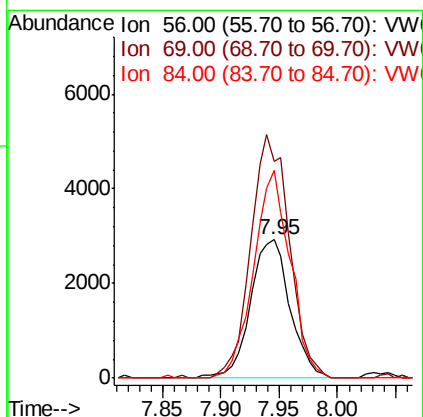
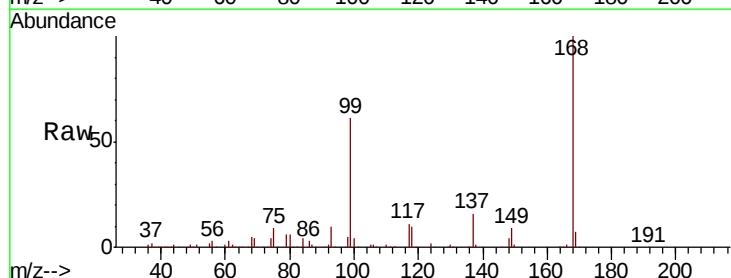
Tgt Ion: 56 Resp: 6882

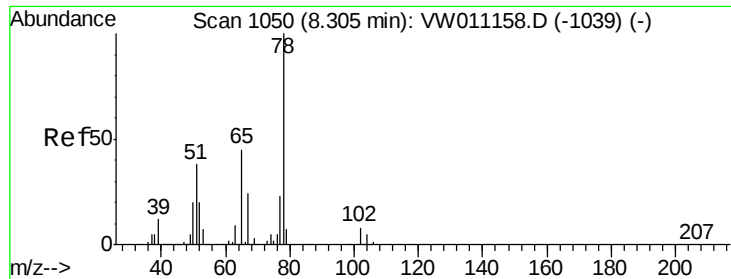
Ion Ratio Lower Upper

56 100

69 157.3 24.6 36.8#

84 150.7 60.1 90.1#

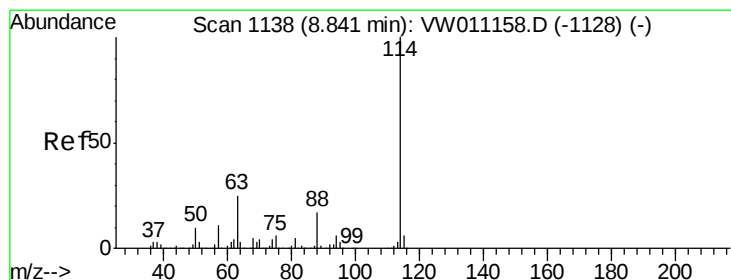
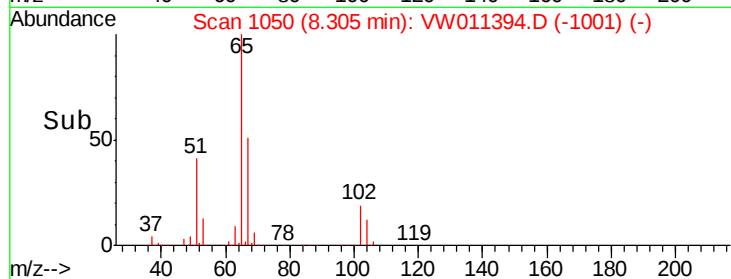
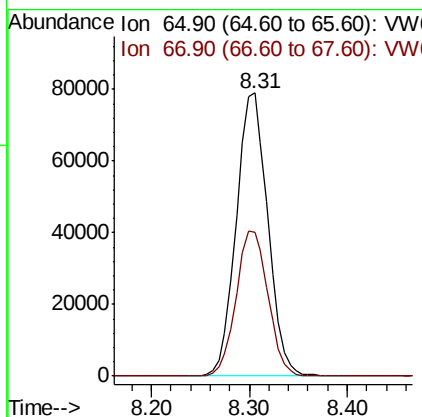
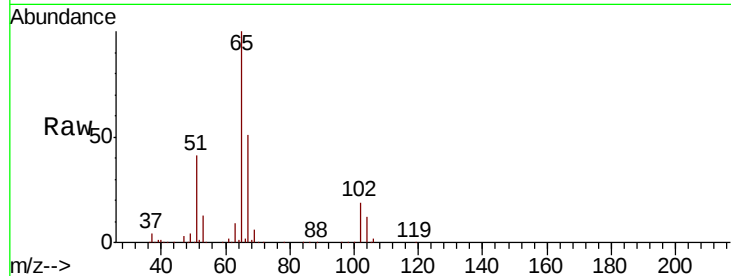




#33
 1,2-Dichloroethane-d4
 Concen: 53.829 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011394.D
 Acq: 20 Jul 2019 00:52

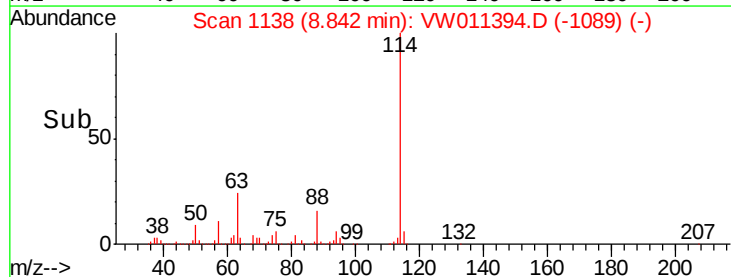
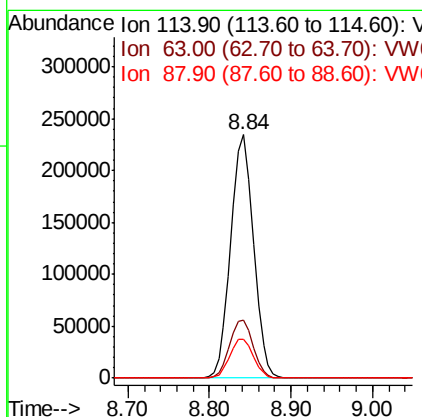
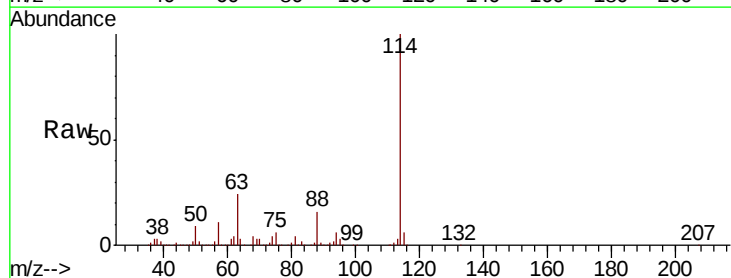
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-6(0-2)

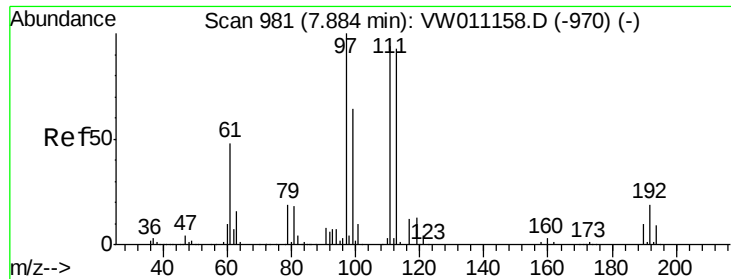
Tot Ion: 65 Resp: 176708
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011394.D
 Acq: 20 Jul 2019 00:52

Tgt Ion: 114 Resp: 451736
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 50.8
 88 16.1 0.0 34.2

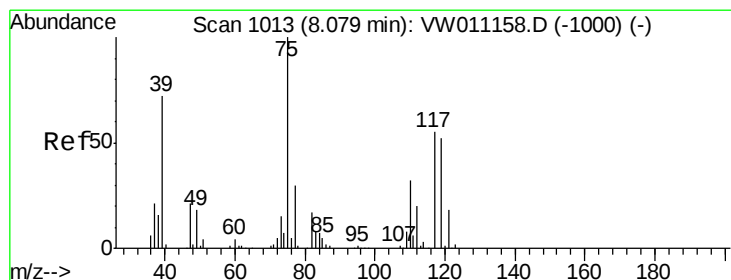
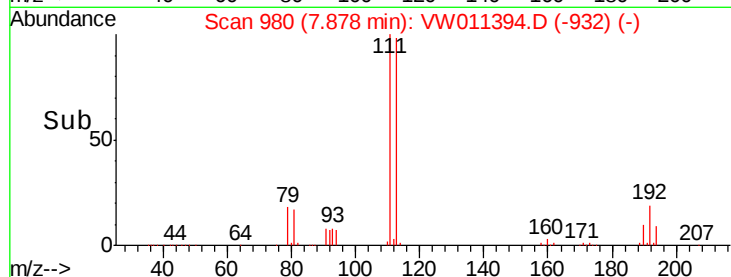
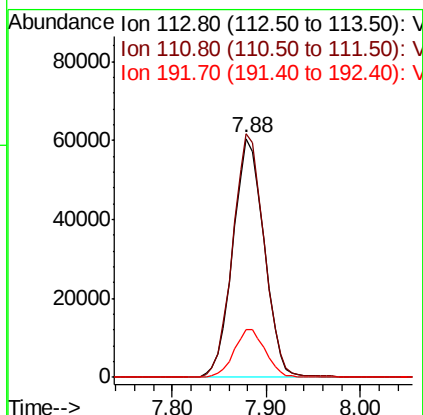
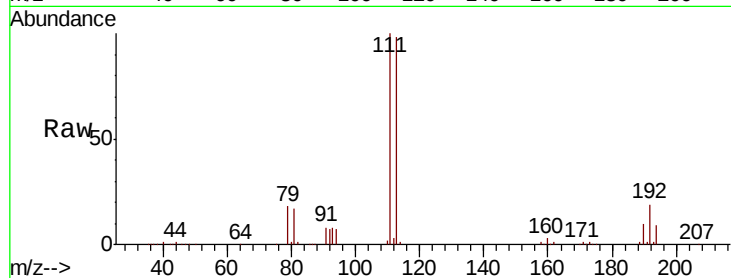




#35
 Dibromofluoromethane
 Concen: 51.815 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011394.D
 Acq: 20 Jul 2019 00:52

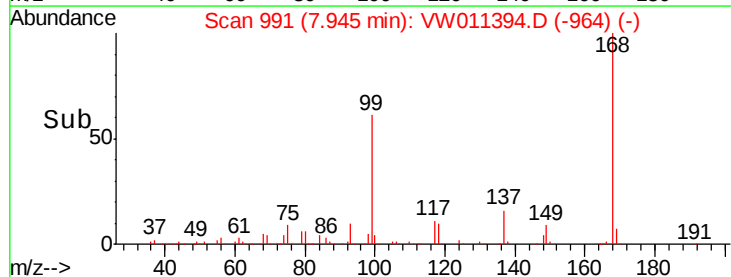
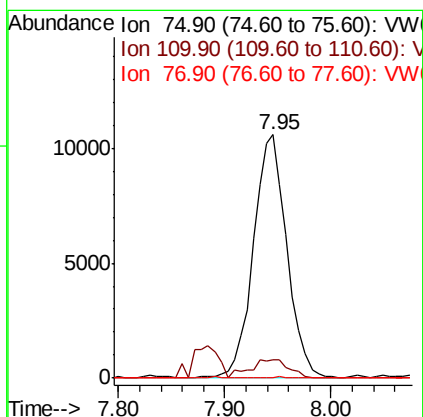
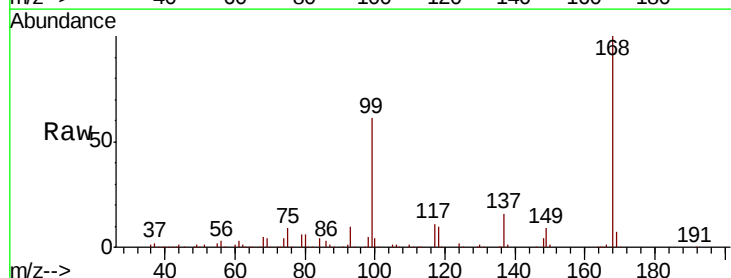
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-6(0-2)

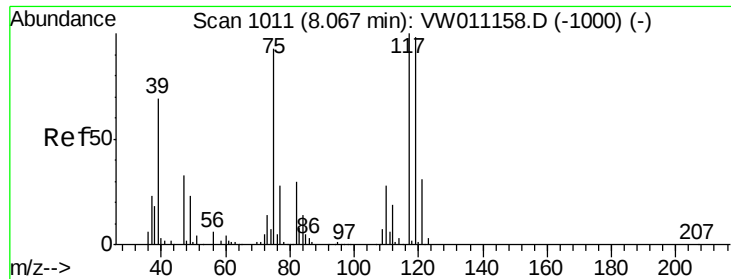
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.4	123.6
192	20.1	15.8	23.8



#36
 1,1-Dichloropropene
 Concen: 4.852 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011394.D
 Acq: 20 Jul 2019 00:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.8	15.9	47.6#
77	0.1	24.6	36.8#





#38

Carbon Tetrachloride

Concen: 6.503 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW011394.D

Acq: 20 Jul 2019 00:52

Instrument :

MSVOA_W

ClientSampleId :

SB-6(0-2)

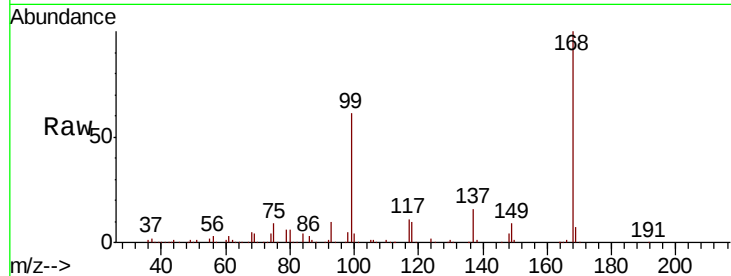
Tot Ion:117 Resp: 26518

Ion Ratio Lower Upper

117 100

119 4.3 78.1 117.1#

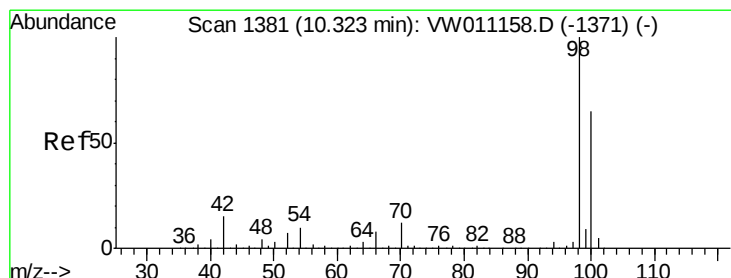
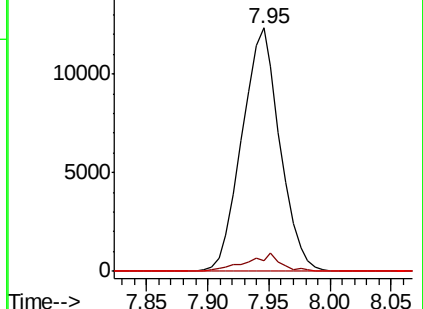
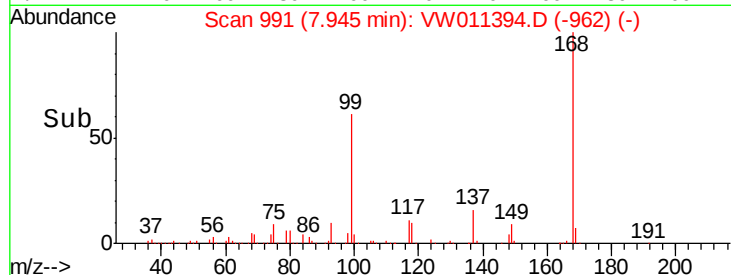
121 0.0 25.1 37.7#



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: 51.252 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011394.D

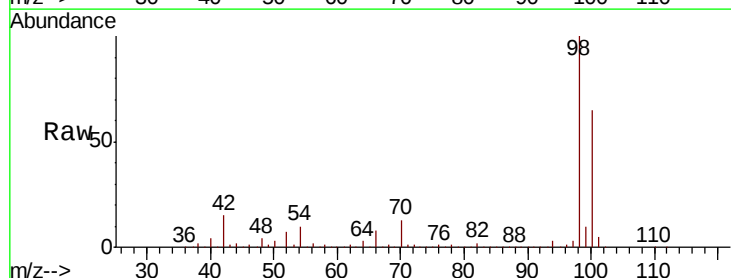
Acq: 20 Jul 2019 00:52

Tgt Ion: 98 Resp: 557809

Ion Ratio Lower Upper

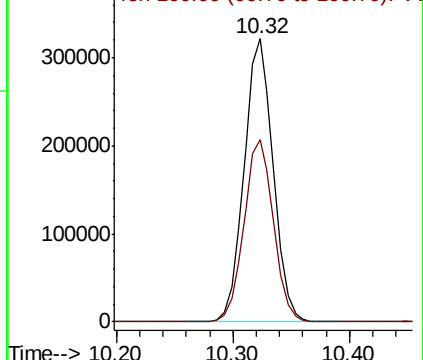
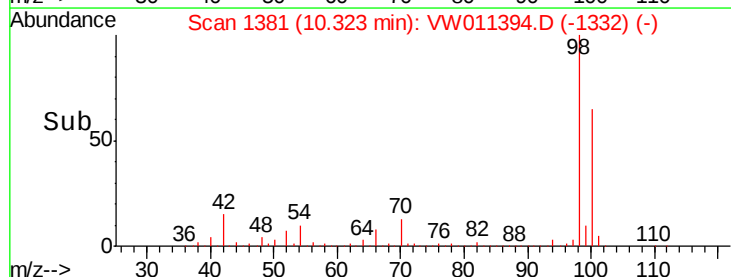
98 100

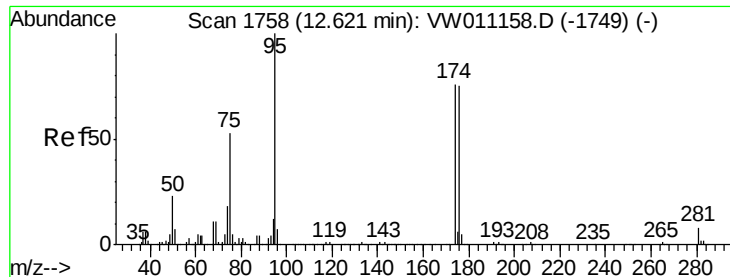
100 65.2 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

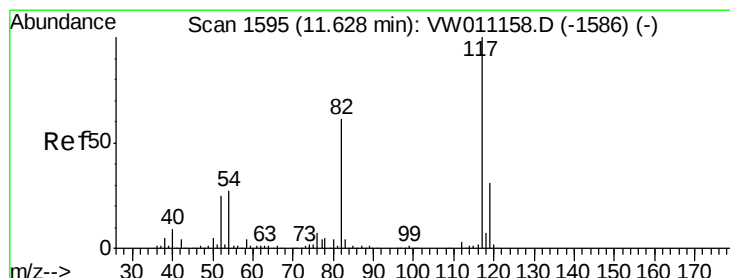
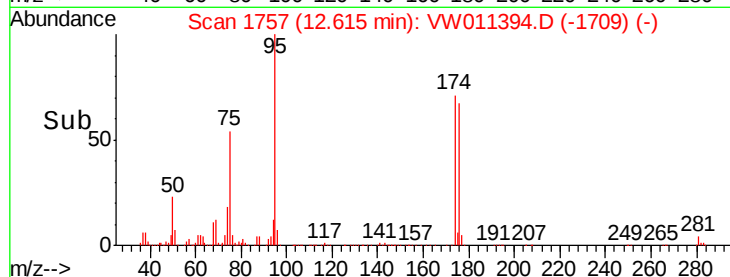
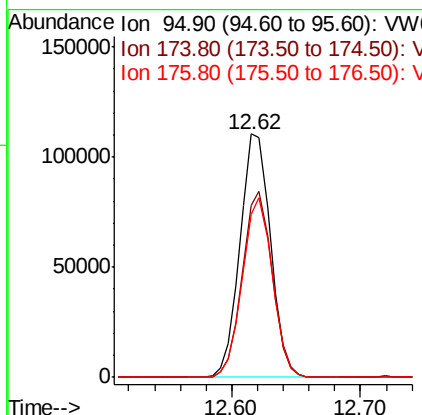
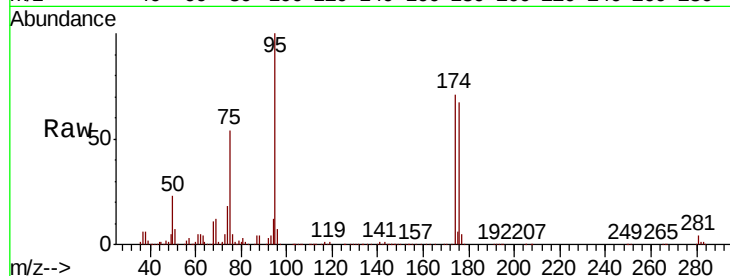




#62
4-Bromofluorobenzene
Concen: 45.257 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW011394.D
Acq: 20 Jul 2019 00:52

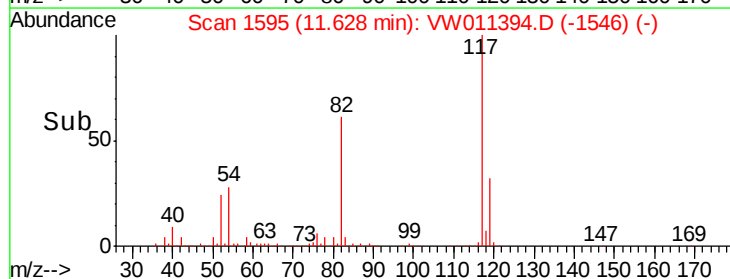
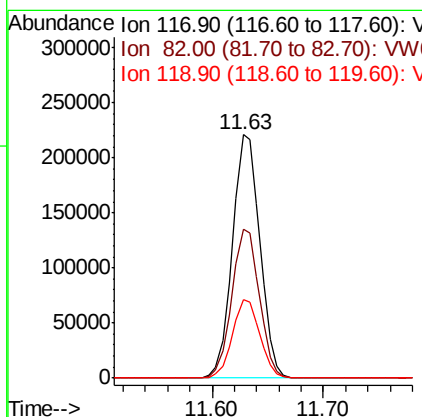
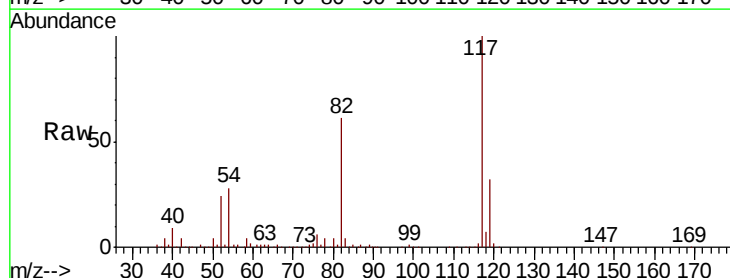
Instrument :
MSVOA_W
ClientSampleId :
SB-6(0-2)

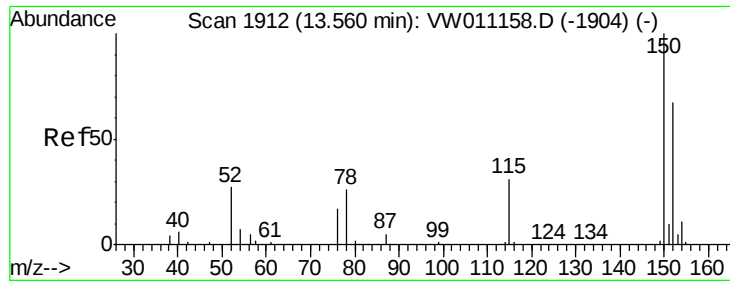
Tot Ion	Ratio	Lower	Upper
95	100		
174	75.1	0.0	147.6
176	72.5	0.0	144.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011394.D
Acq: 20 Jul 2019 00:52

Tgt Ion	Ratio	Lower	Upper
117	100		
82	61.4	48.9	73.3
119	32.0	25.0	37.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011394.D

Acq: 20 Jul 2019 00:52

Instrument :

MSVOA_W

ClientSampleId :

SB-6(0-2)

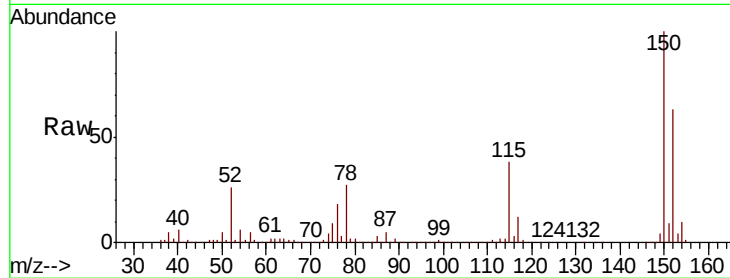
Tot Ion:152 Resp: 152115

Ion Ratio Lower Upper

152 100

115 60.7 30.1 90.3

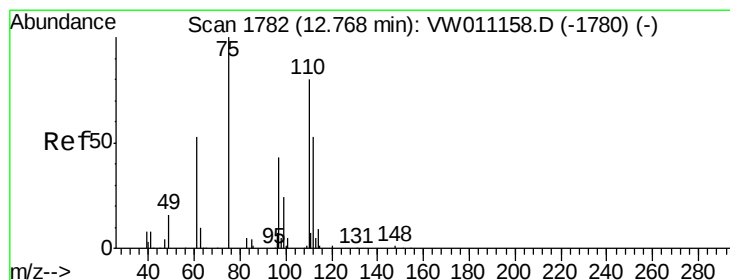
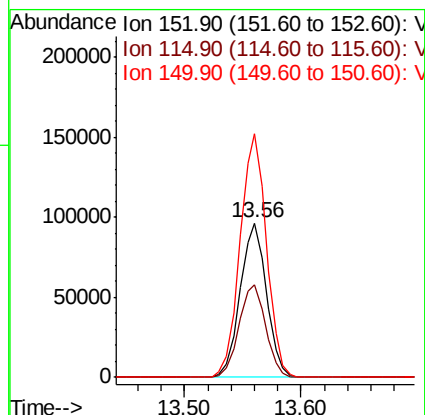
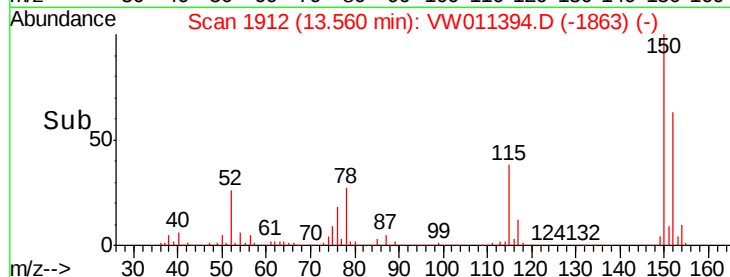
150 157.7 0.0 346.0



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: 54.815 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011394.D

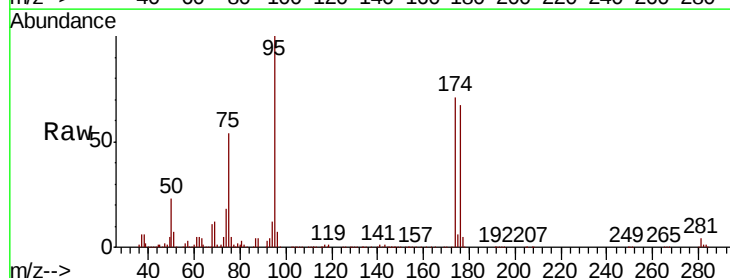
Acq: 20 Jul 2019 00:52

Tgt Ion: 75 Resp: 96358

Ion Ratio Lower Upper

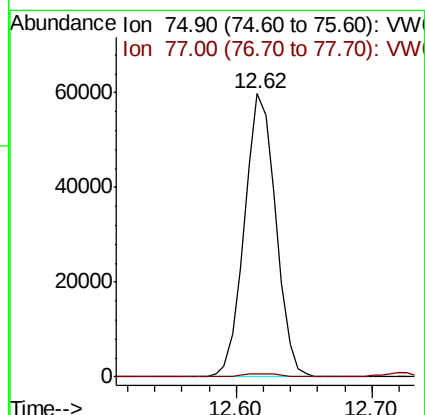
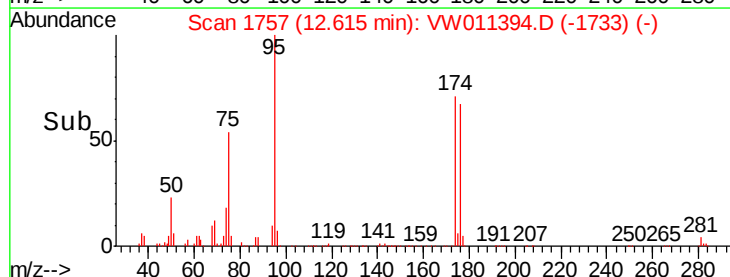
75 100

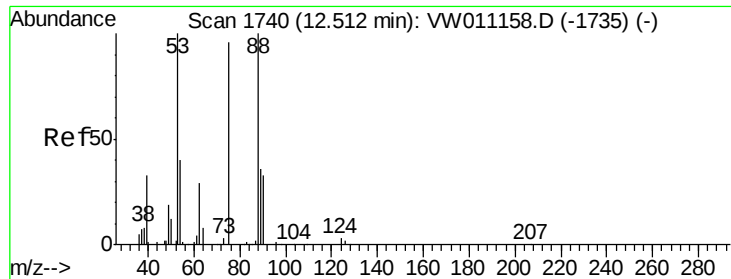
77 1.4 0.0 0.0#



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: 123.981 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011394.D

Acq: 20 Jul 2019 00:52

Instrument :

MSVOA_W

ClientSampleId :

SB-6(0-2)

Tot Ion: 75 Resp: 96358

Ion Ratio Lower Upper

75 100

53 0.0 89.8 134.6#

89 0.0 34.3 51.5#

