

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072019\
 Data File : VW011391.D
 Acq On : 19 Jul 2019 23:32
 Operator : SY/VA
 Sample : VW0720SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0720SBL01

Quant Time: Jul 20 05:54:59 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	224722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	379166	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	322561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	137544	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	145055	51.37	ug/l	0.00
Spiked Amount			Recovery	=	102.74%	
35) Dibromofluoromethane	7.88	113	117665	52.06	ug/l	0.00
Spiked Amount			Recovery	=	104.12%	
50) Toluene-d8	10.32	98	472928	51.77	ug/l	0.00
Spiked Amount			Recovery	=	103.54%	
62) 4-Bromofluorobenzene	12.62	95	155664	46.49	ug/l	0.00
Spiked Amount			Recovery	=	92.98%	

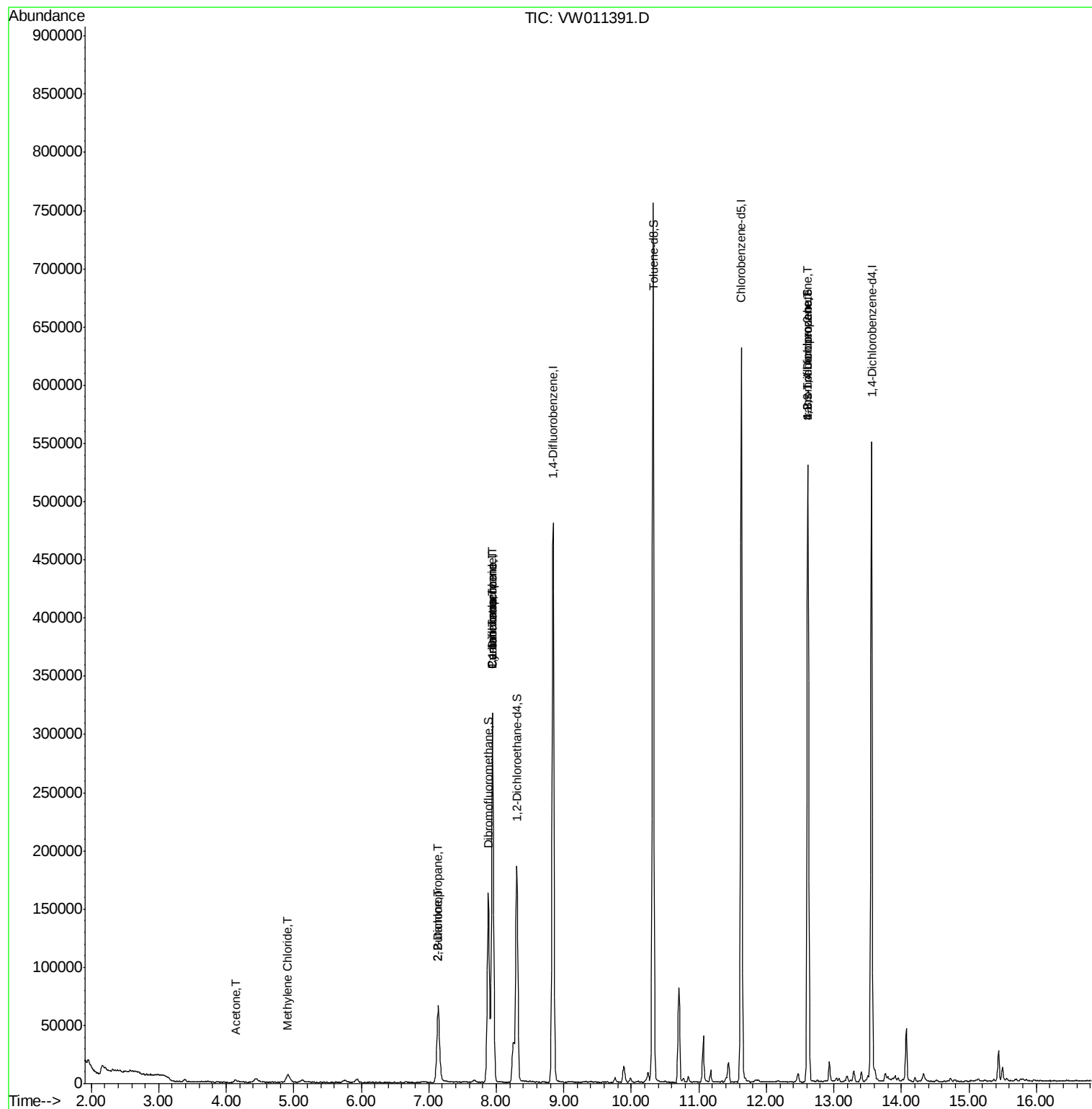
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	4514	6.644	ug/l	100
18) Methyl Acetate	4.67	43	133	Below Cal	#	57
20) Methylene Chloride	4.91	84	4838	1.805	ug/l #	77
25) 2-Butanone	7.15	43	4484	4.204	ug/l	93
26) 2,2-Dichloropropane	7.14	77	4530	1.695	ug/l #	53
31) Cyclohexane	7.95	56	5863	1.072	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	20077	4.972	ug/l #	51
38) Carbon Tetrachloride	7.95	117	22911	6.693	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	82918	52.166	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	82918	117.990	ug/l #	6

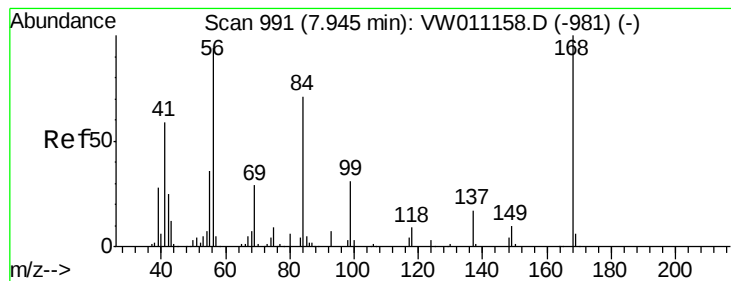
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072019\
Data File : VW011391.D
Acq On : 19 Jul 2019 23:32
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Sample : VW0720SBL01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Jul 20 05:54:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
Quant Title : SW846 8260
QLast Update : Thu Jul 11 08:14:17 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: VW011391.D

Acq: 19 Jul 2019 23:32

Instrument :

MSVOA_W

ClientSampleId :

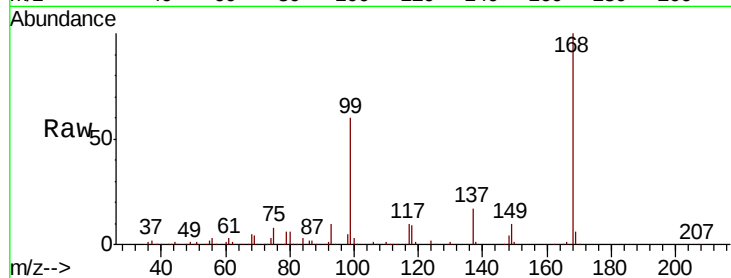
VW0720SBL01

Tot Ion:168 Resp: 224722

Ion Ratio Lower Upper

168 100

99 60.0 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

120000

100000

80000

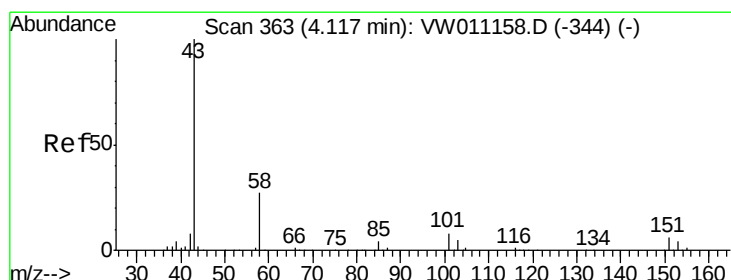
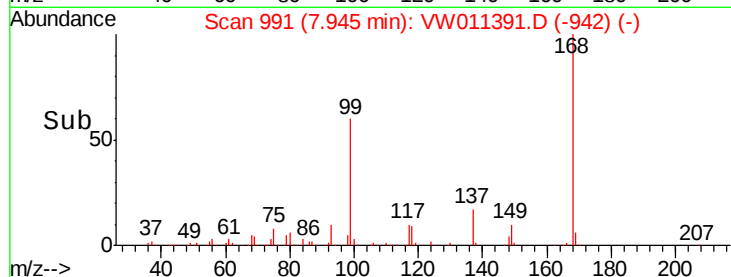
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 6.644 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW011391.D

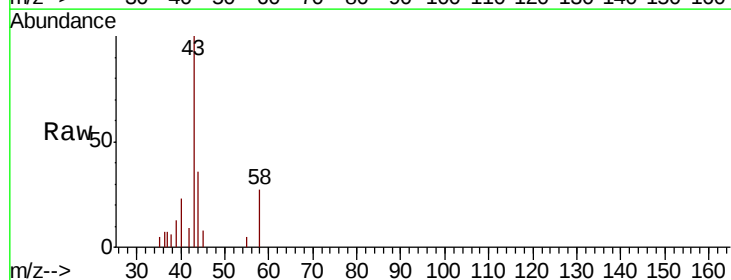
Acq: 19 Jul 2019 23:32

Tgt Ion: 43 Resp: 4514

Ion Ratio Lower Upper

43 100

58 27.1 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

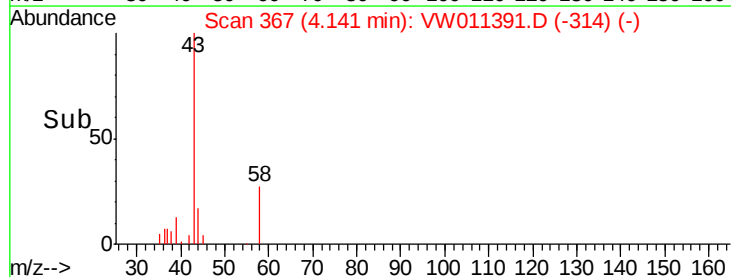
1500

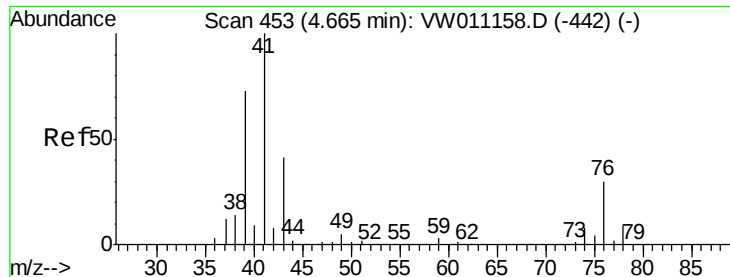
1000

500

0

Time--> 4.05 4.10 4.15 4.20 4.25

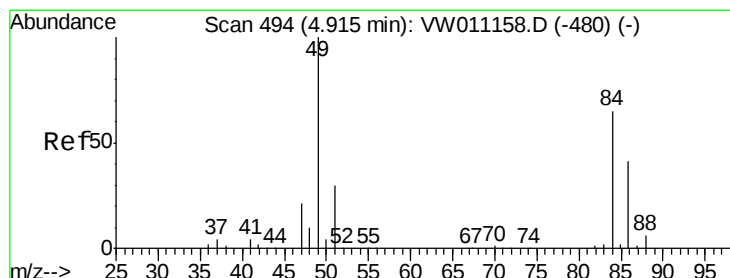
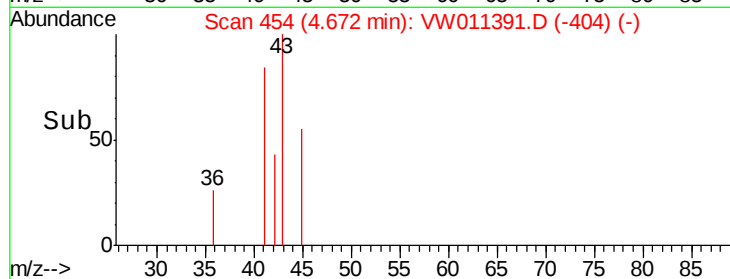
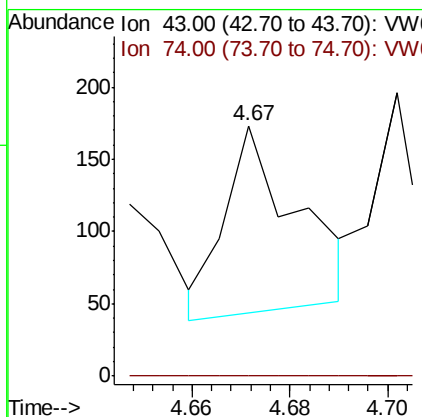
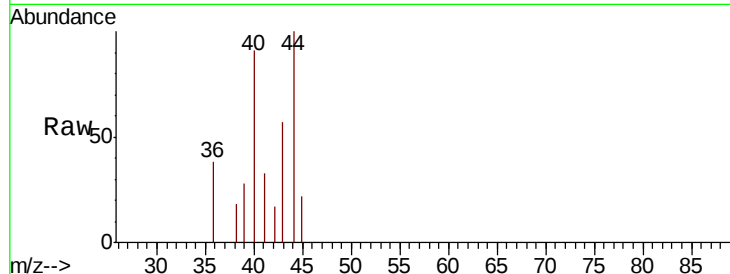




#18
Methyl Acetate
Concen: Below Cal
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW011391.D
Acq: 19 Jul 2019 23:32

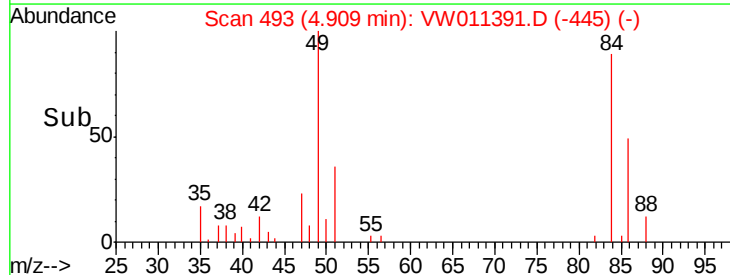
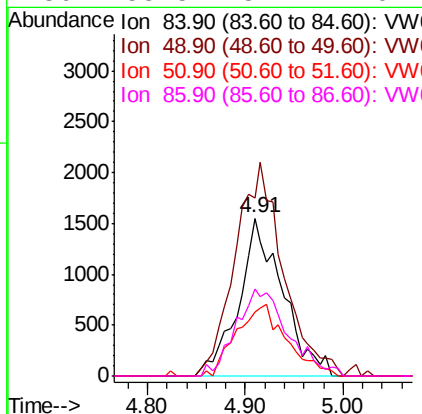
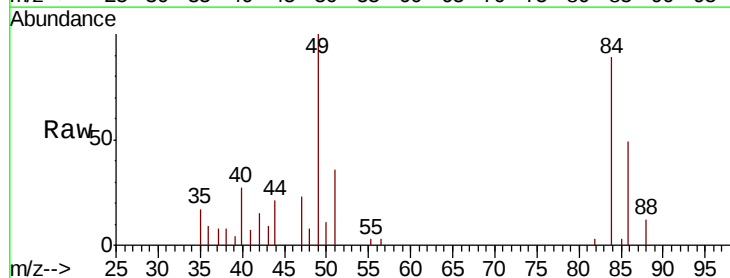
Instrument :
MSVOA_W
ClientSampleId :
VW0720SBL01

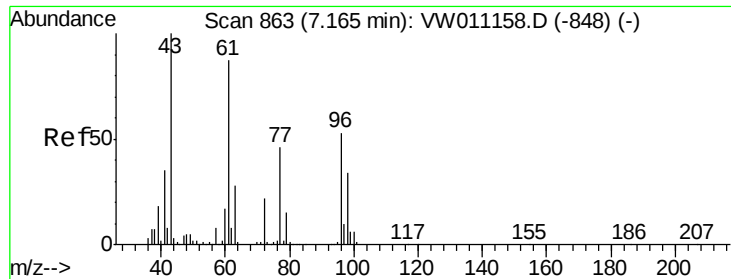
Tot Ion: 43 Resp: 133
Ion Ratio Lower Upper
43 100
74 0.0 15.7 23.5#



#20
Methylene Chloride
Concen: 1.805 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011391.D
Acq: 19 Jul 2019 23:32

Tgt Ion: 84 Resp: 4838
Ion Ratio Lower Upper
84 100
49 112.4 123.8 185.6#
51 40.8 37.4 56.2
86 55.5 51.1 76.7





#25

2-Butanone

Concen: 4.204 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW011391.D

Acq: 19 Jul 2019 23:32

Instrument :

MSVOA_W

ClientSampleId :

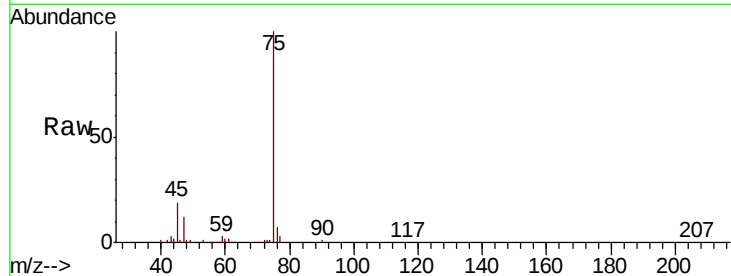
VW0720SBL01

Tot Ion: 43 Resp: 4484

Ion Ratio Lower Upper

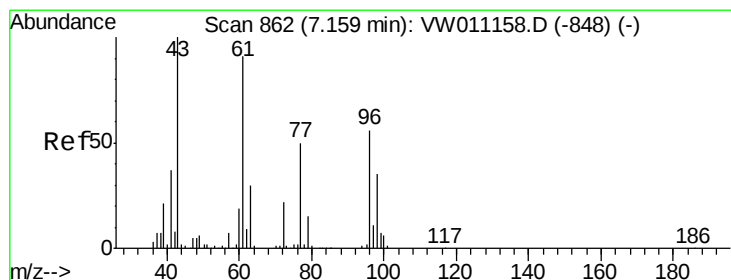
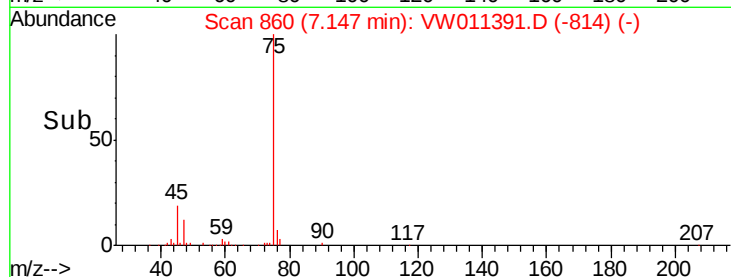
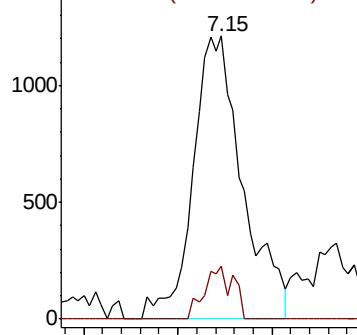
43 100

72 18.8 17.6 26.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 1.695 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW011391.D

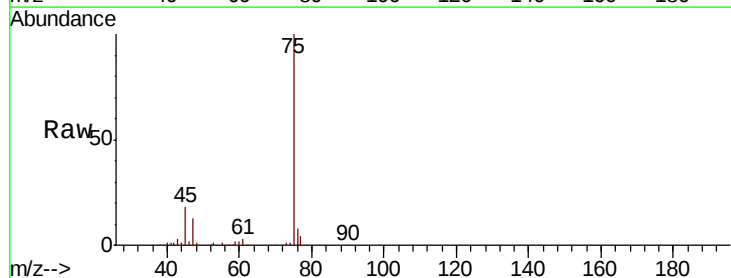
Acq: 19 Jul 2019 23:32

Tgt Ion: 77 Resp: 4530

Ion Ratio Lower Upper

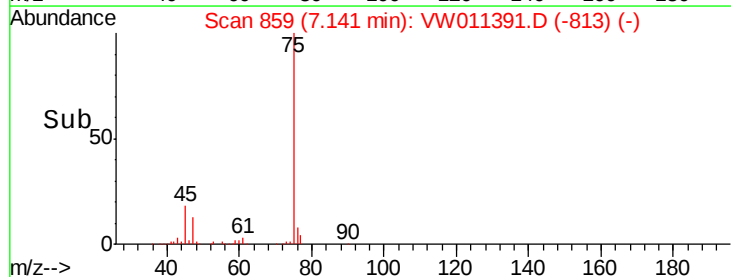
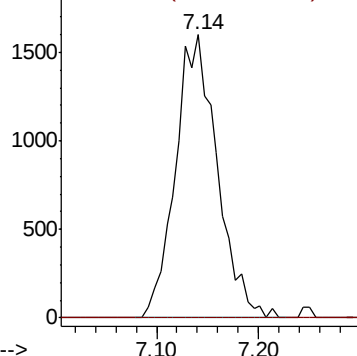
77 100

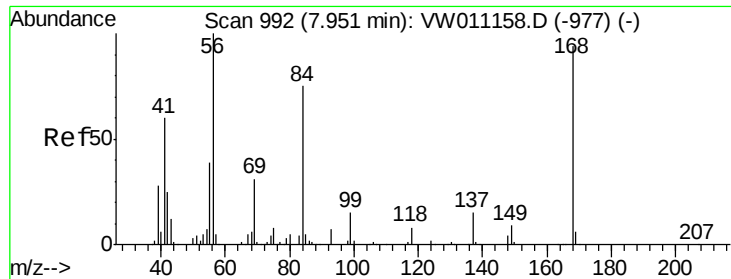
97 0.0 11.2 33.5#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

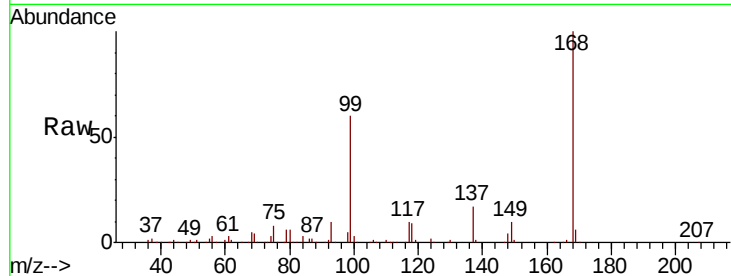




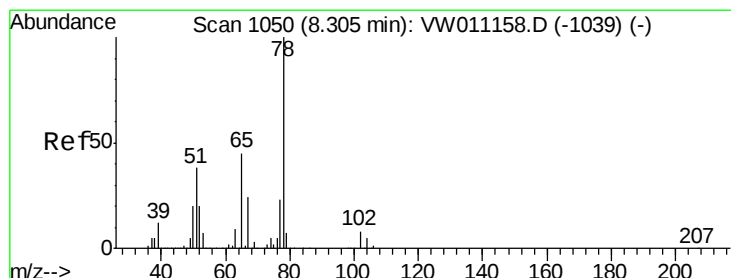
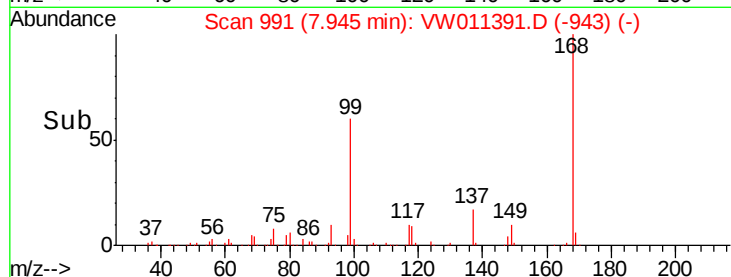
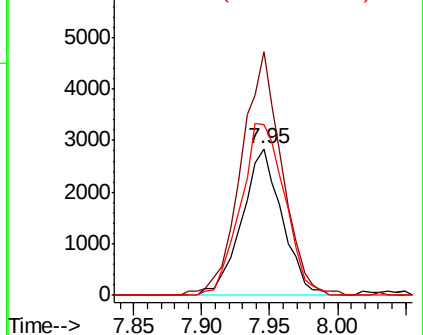
#31
Cyclohexane
Concen: 1.072 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW011391.D
Acq: 19 Jul 2019 23:32

Instrument :
MSVOA_W
ClientSampleId :
VW0720SBL01

Tot Ion: 56 Resp: 5863
Ion Ratio Lower Upper
56 100
69 163.5 24.6 36.8#
84 116.4 60.1 90.1#

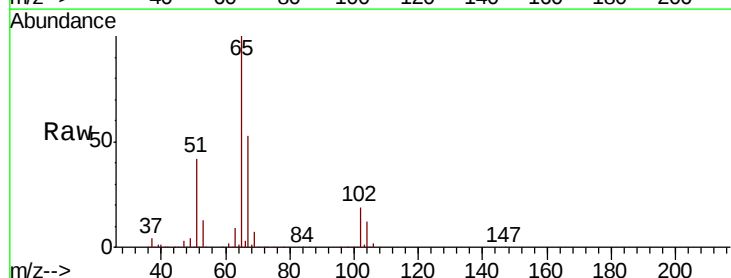


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

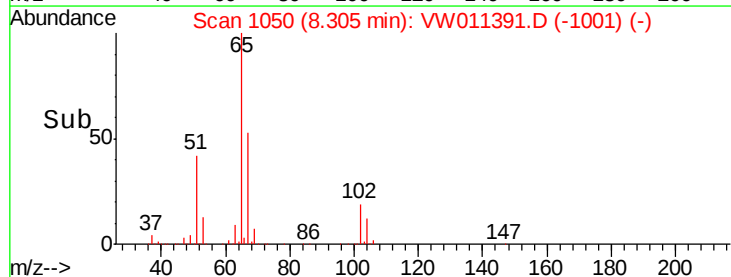
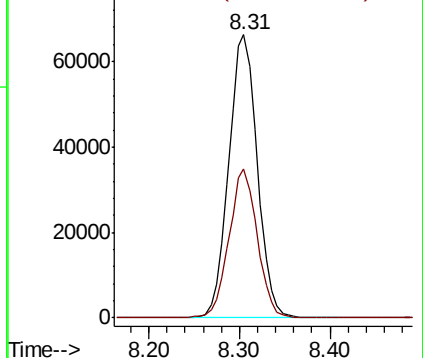


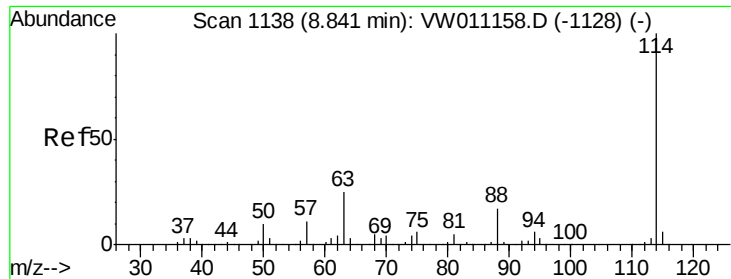
#33
1,2-Dichloroethane-d4
Concen: 51.370 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW011391.D
Acq: 19 Jul 2019 23:32

Tgt Ion: 65 Resp: 145055
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.4



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

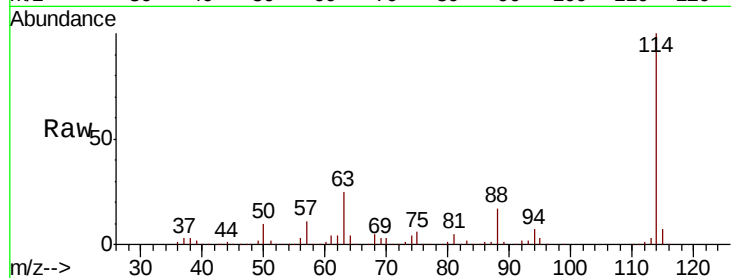




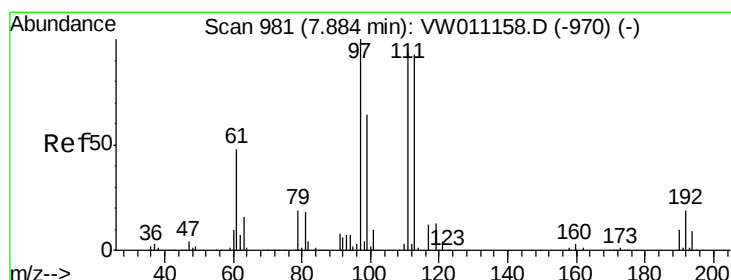
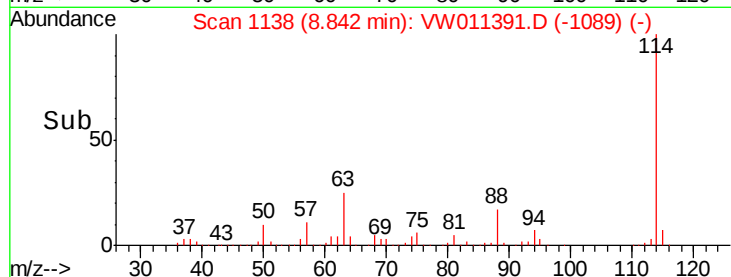
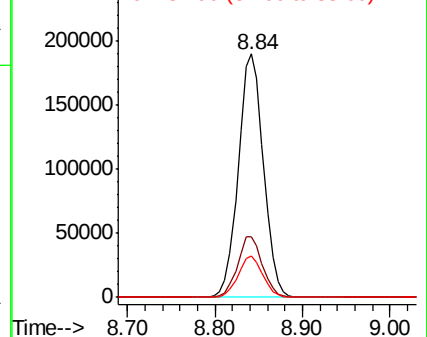
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW011391.D
Acq: 19 Jul 2019 23:32

Instrument :
MSVOA_W
ClientSampleId :
VW0720SBL01

Tot Ion:114 Resp: 379166
Ion Ratio Lower Upper
114 100
63 25.0 0.0 50.8
88 17.2 0.0 34.2

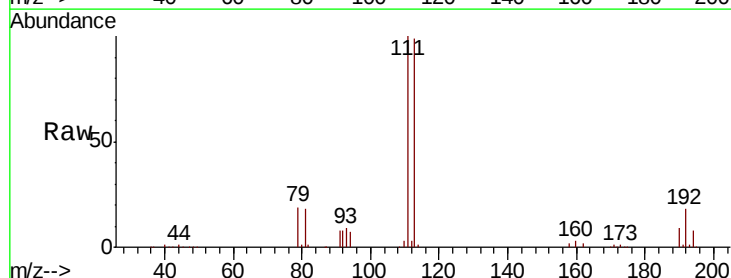


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

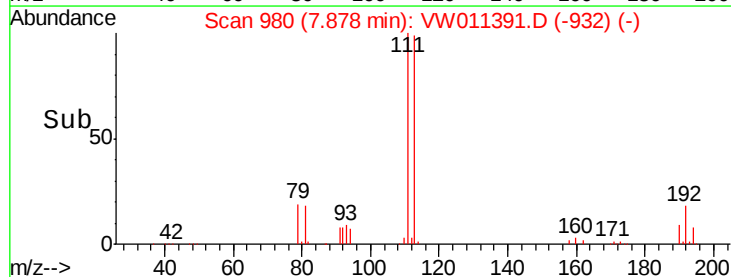
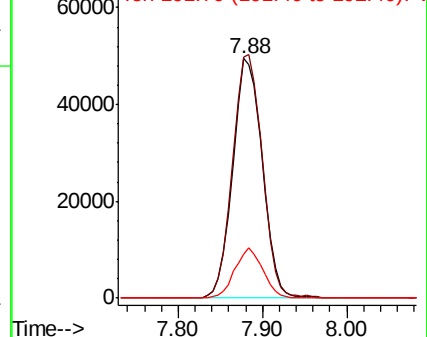


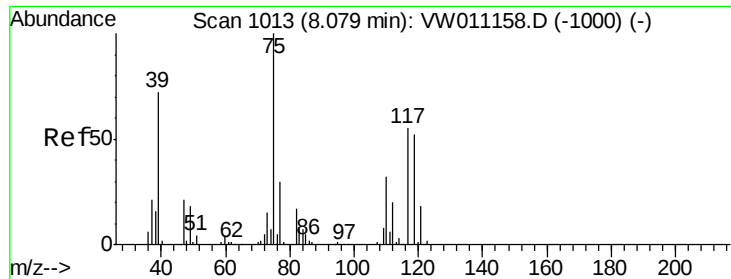
#35
Dibromofluoromethane
Concen: 52.064 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW011391.D
Acq: 19 Jul 2019 23:32

Tgt Ion:113 Resp: 117665
Ion Ratio Lower Upper
113 100
111 102.4 82.4 123.6
192 19.9 15.8 23.8



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

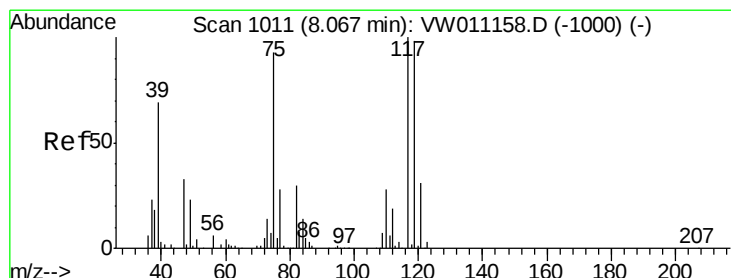
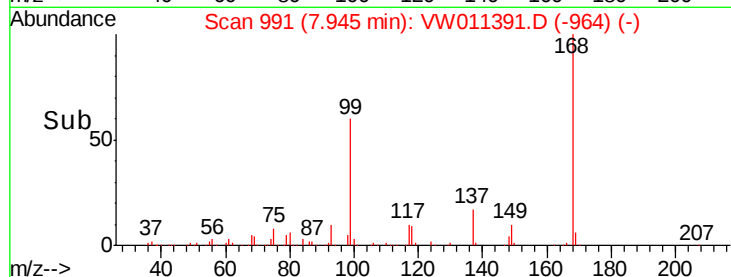
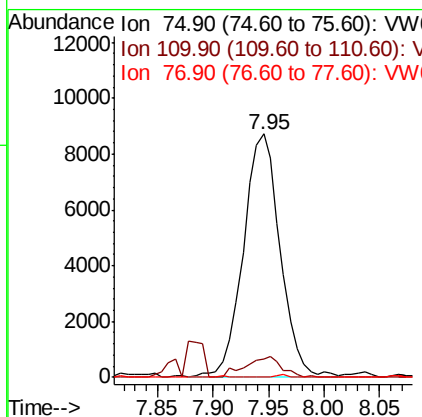
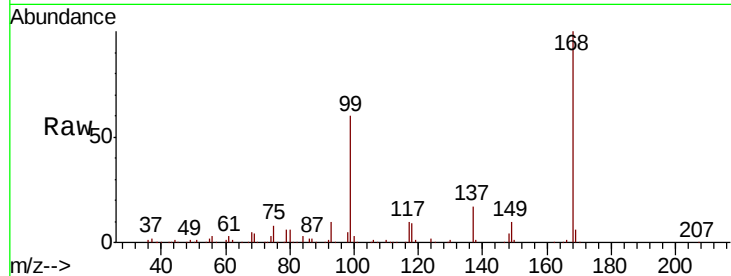




#36
 1,1-Dichloropropene
 Concen: 4.972 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011391.D
 Acq: 19 Jul 2019 23:32

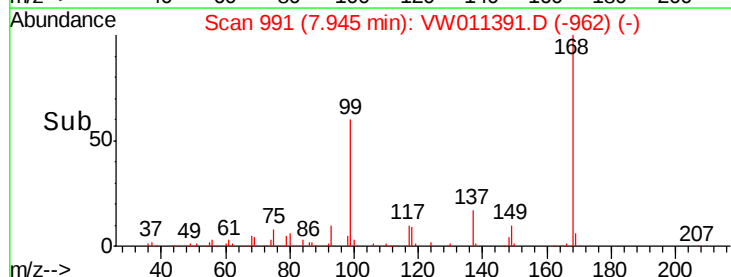
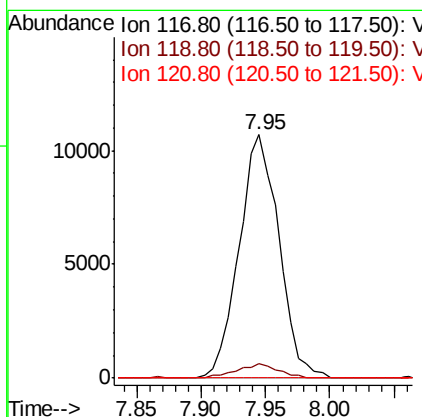
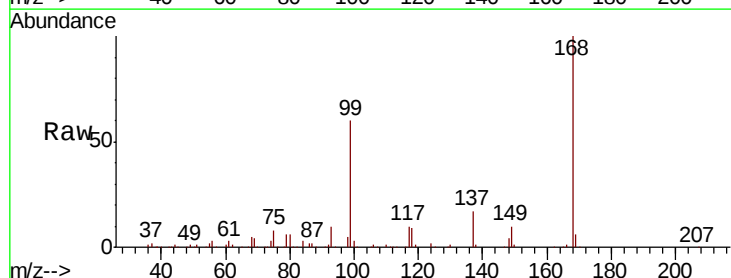
Instrument :
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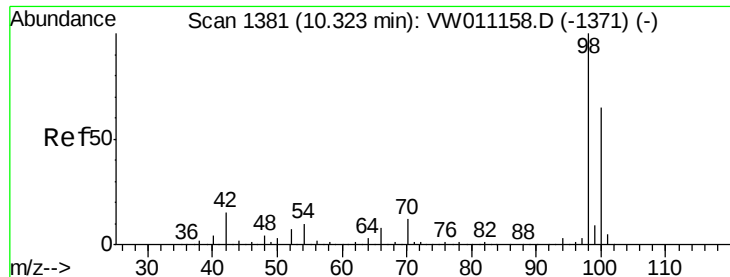
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.4	15.9	47.6#
77	0.3	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.693 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011391.D
 Acq: 19 Jul 2019 23:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.1	78.1	117.1#
121	0.0	25.1	37.7#





#50

Toluene-d8

Concen: 51.770 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011391.D

Acq: 19 Jul 2019 23:32

Instrument :

MSVOA_W

ClientSampleId :

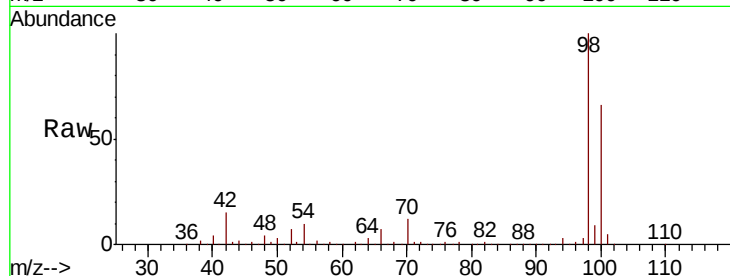
VW0720SBL01

Tot Ion: 98 Resp: 472928

Ion Ratio Lower Upper

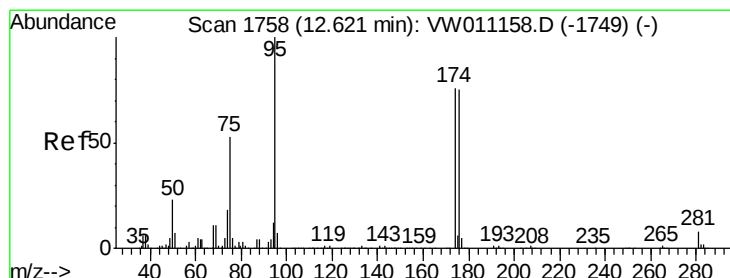
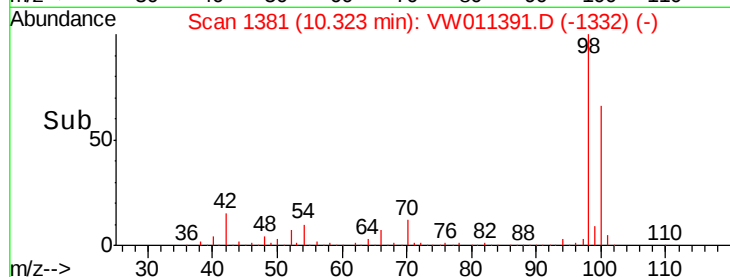
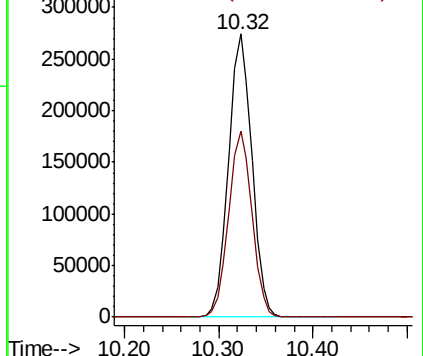
98 100

100 65.6 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: 46.489 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011391.D

Acq: 19 Jul 2019 23:32

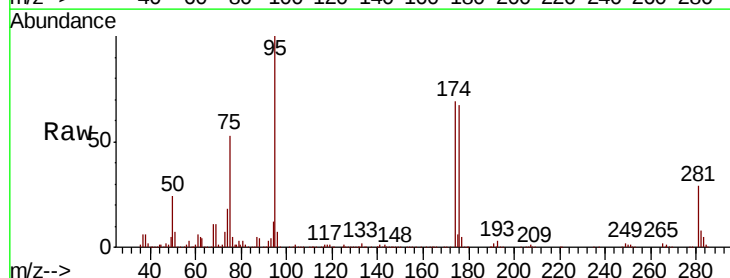
Tgt Ion: 95 Resp: 155664

Ion Ratio Lower Upper

95 100

174 74.1 0.0 147.6

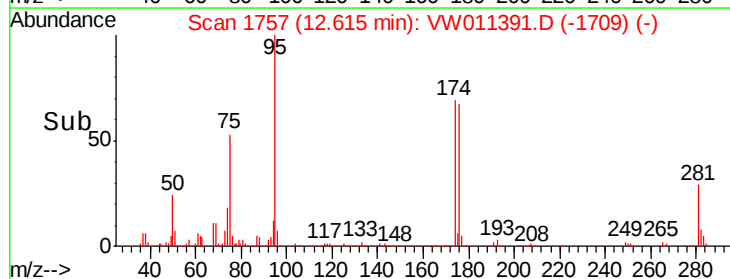
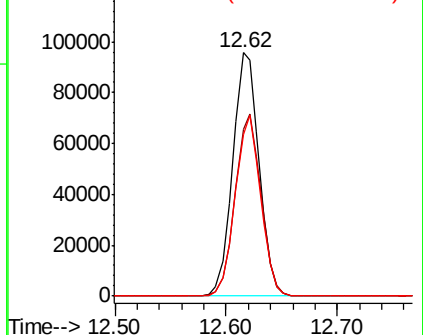
176 72.1 0.0 144.6

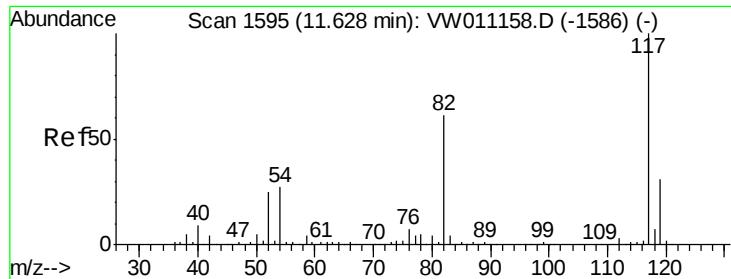


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

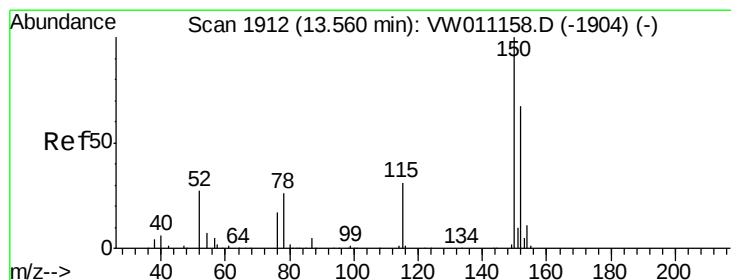
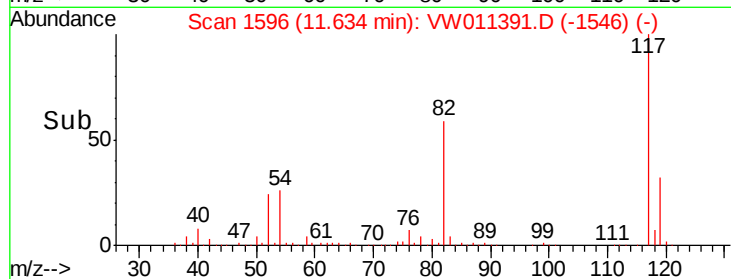
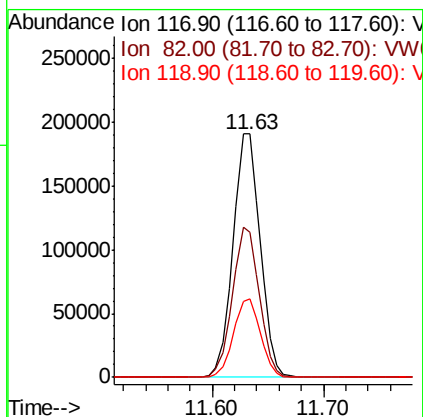
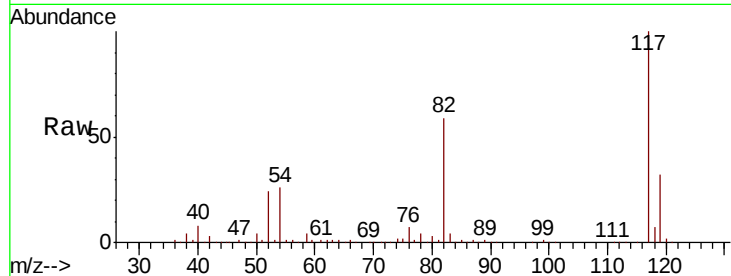




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011391.D
Acq: 19 Jul 2019 23:32

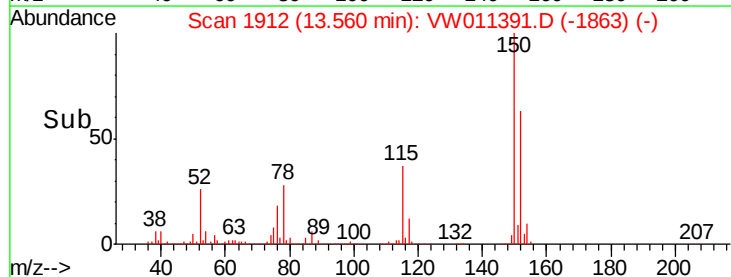
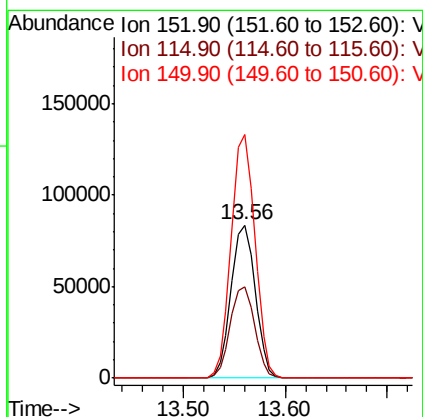
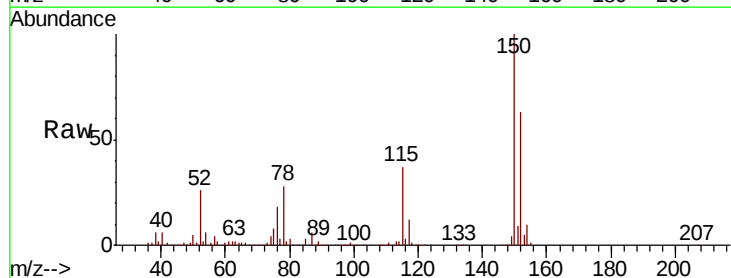
Instrument :
MSVOA_W
ClientSampleId :
VW0720SBL01

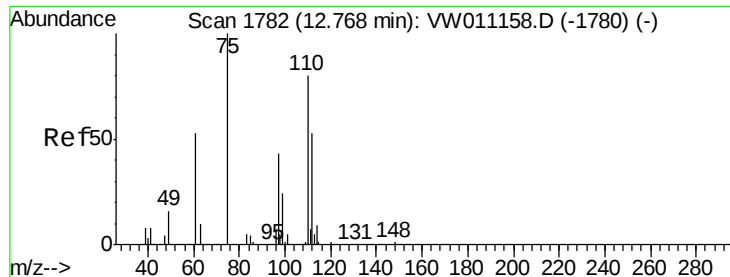
Tot Ion:117 Resp: 322561
Ion Ratio Lower Upper
117 100
82 59.4 48.9 73.3
119 32.1 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011391.D
Acq: 19 Jul 2019 23:32

Tgt Ion:152 Resp: 137544
Ion Ratio Lower Upper
152 100
115 60.3 30.1 90.3
150 156.3 0.0 346.0





#76

1,2,3-Trichloropropane

Concen: 52.166 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011391.D

Acq: 19 Jul 2019 23:32

Instrument :

MSVOA_W

ClientSampleId :

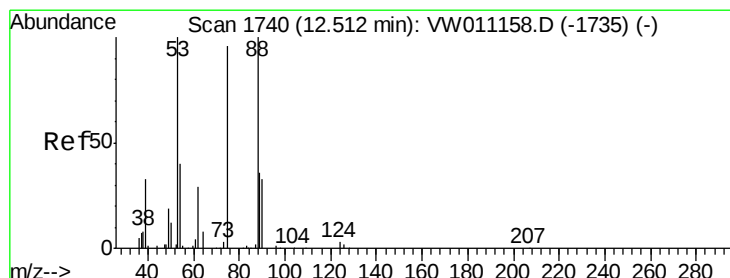
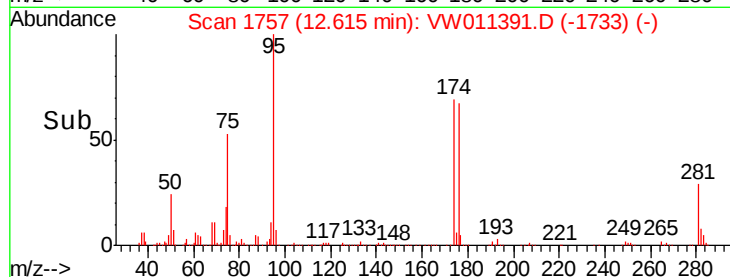
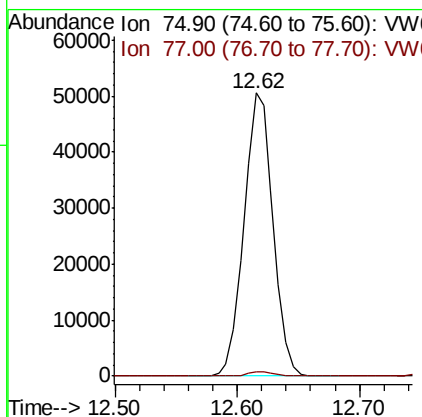
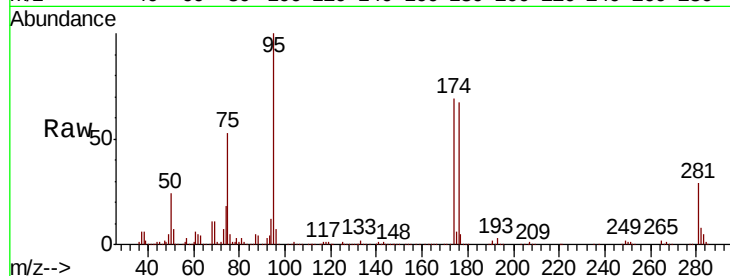
VW0720SBL01

Tot Ion: 75 Resp: 82918

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 117.990 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011391.D

Acq: 19 Jul 2019 23:32

Tgt Ion: 75 Resp: 82918

Ion Ratio Lower Upper

75 100

53 0.1 89.8 134.6#

89 0.2 34.3 51.5#

