

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062919\
 Data File : VW011063.D
 Acq On : 28 Jun 2019 16:02
 Operator : SY/VA
 Sample : K3576-02
 Misc : 5.20G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-1

Quant Time: Jun 29 01:51:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	189271	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	325845	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	244318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	71776	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	132053	53.37	ug/l	0.00
Spiked Amount			Recovery	=	106.74%	
35) Dibromofluoromethane	7.88	113	99380	49.95	ug/l	0.00
Spiked Amount			Recovery	=	99.90%	
50) Toluene-d8	10.32	98	390450	47.67	ug/l	0.00
Spiked Amount			Recovery	=	95.34%	
62) 4-Bromofluorobenzene	12.62	95	102348	34.17	ug/l	0.00
Spiked Amount			Recovery	=	68.34%	

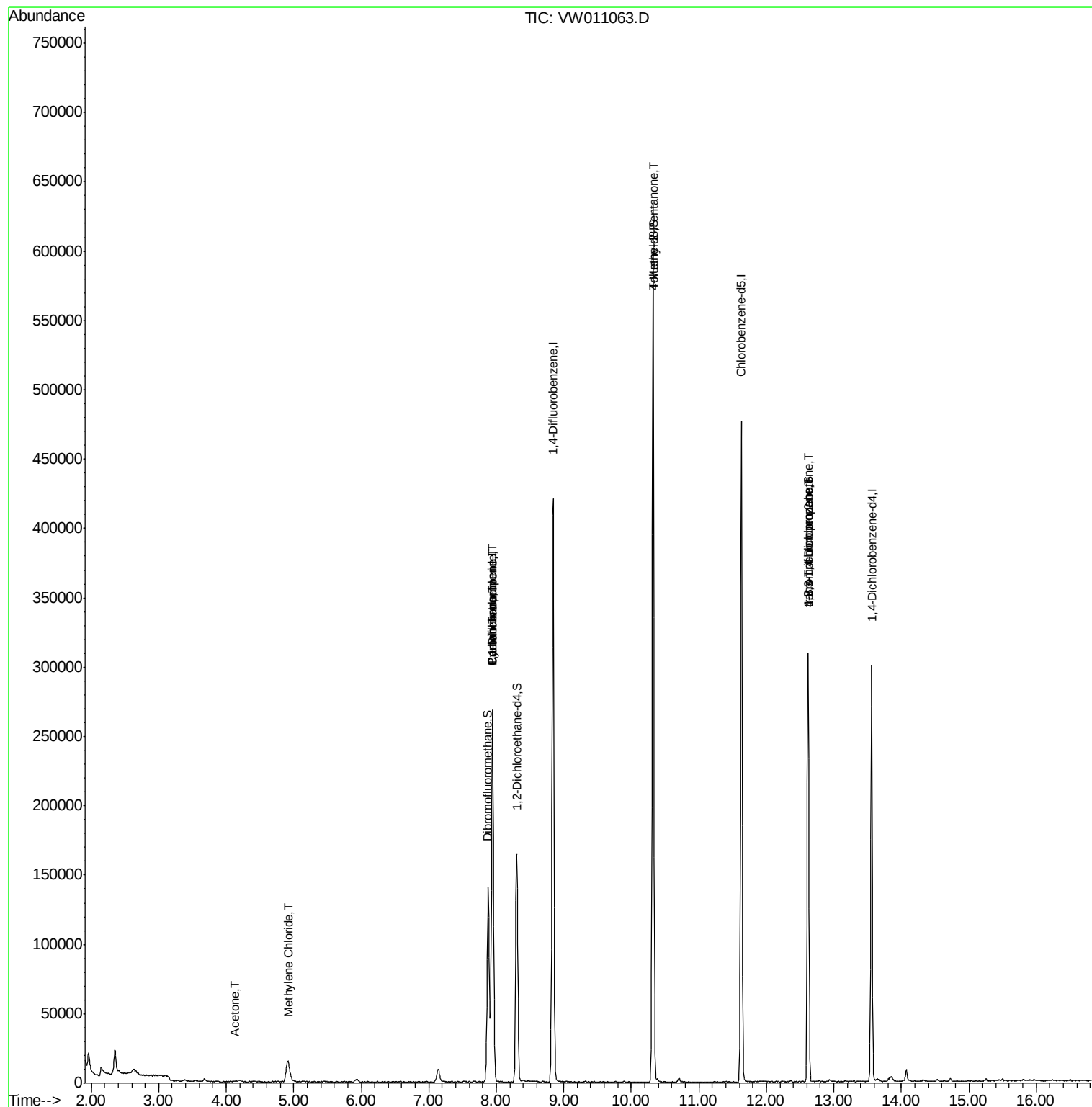
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	1294	2.143	ug/l	96
20) Methylene Chloride	4.91	84	12260	4.996	ug/l	96
31) Cyclohexane	7.95	56	5039	1.065	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17159	4.899	ug/l #	51
38) Carbon Tetrachloride	7.94	117	19411	6.730	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	2595	1.279	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	56067	73.990	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	56067	148.616	ug/l #	3

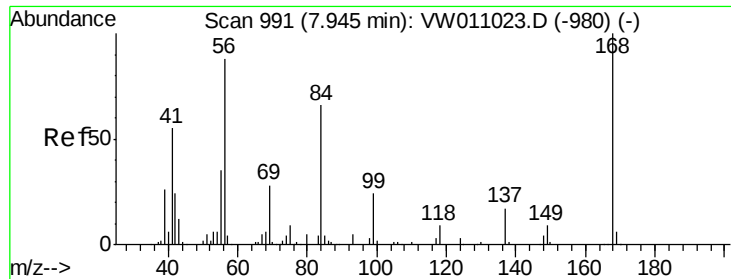
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062919\
Data File : VW011063.D
Acq On : 28 Jun 2019 16:02
Operator : SY/VA
Sample : K3576-02
Misc : 5.20G/5ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SP-1

Quant Time: Jun 29 01:51:03 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 01:55:46 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: VW011063.D

Acq: 28 Jun 2019 16:02

Instrument :

MSVOA_W

ClientSampled :

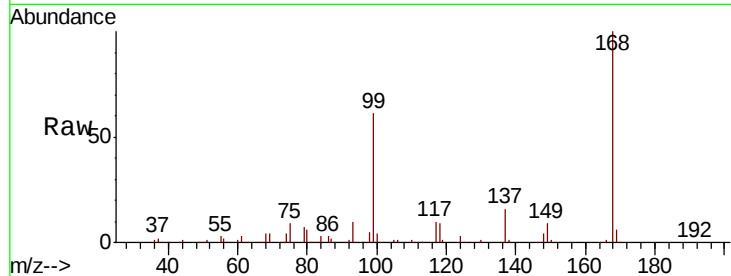
SP-1

Tot Ion:168 Resp: 189271

Ion Ratio Lower Upper

168 100

99 60.7 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

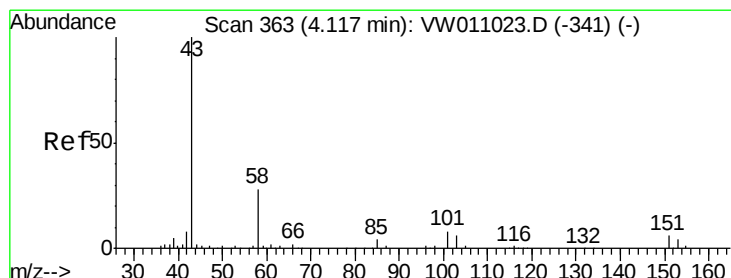
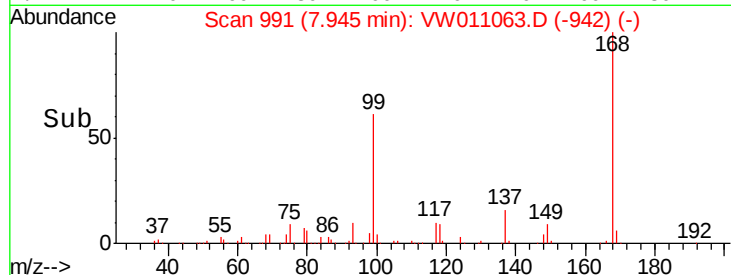
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 2.143 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011063.D

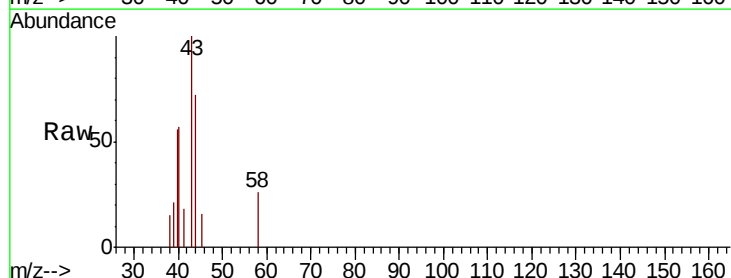
Acq: 28 Jun 2019 16:02

Tgt Ion: 43 Resp: 1294

Ion Ratio Lower Upper

43 100

58 26.2 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

500

400

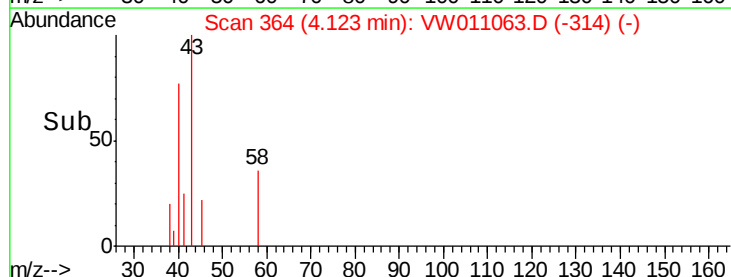
300

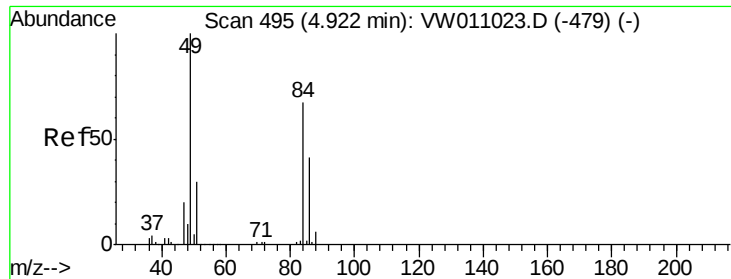
200

100

0

Time-->

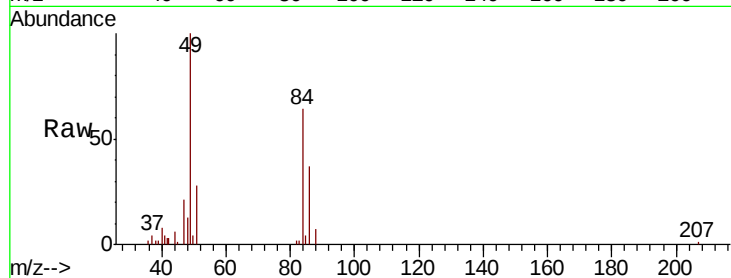




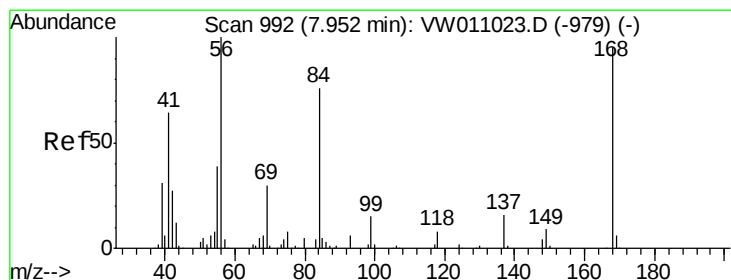
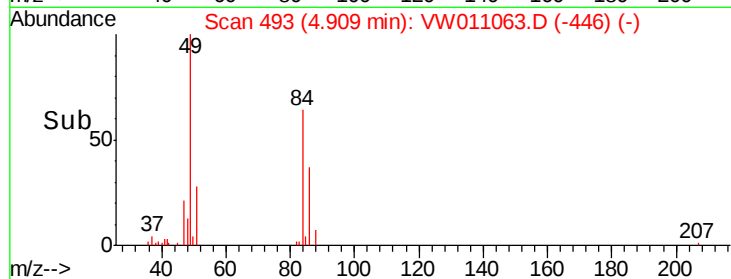
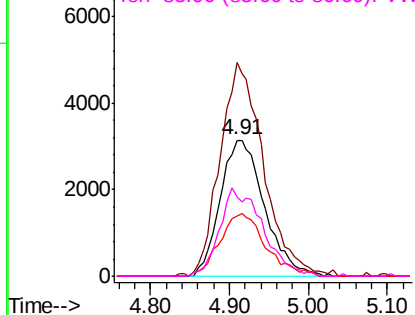
#20
Methylene Chloride
Concen: 4.996 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011063.D
Acq: 28 Jun 2019 16:02

Instrument :
MSVOA_W
ClientSampled :
SP-1

Tot Ion:	84	Resp:	12260
Ion	Ratio	Lower	Upper
84	100		
49	156.7	119.6	179.4
51	44.2	35.6	53.4
86	58.0	49.0	73.6

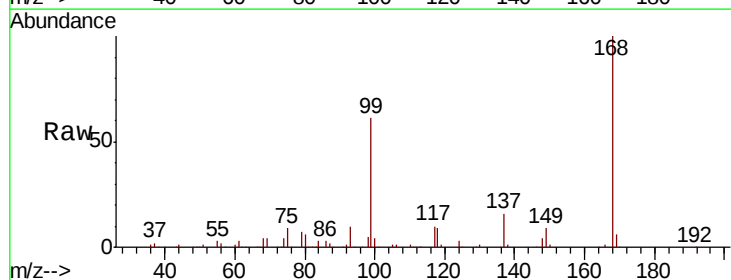


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

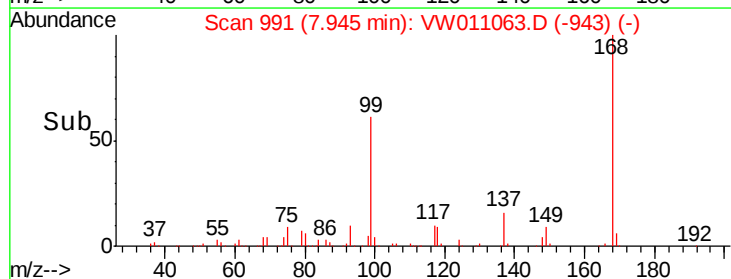
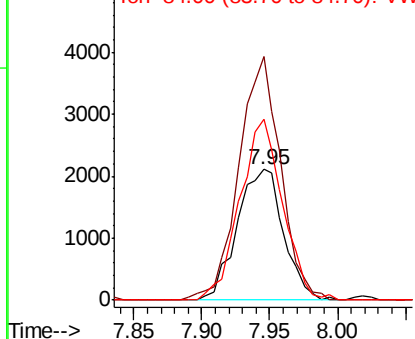


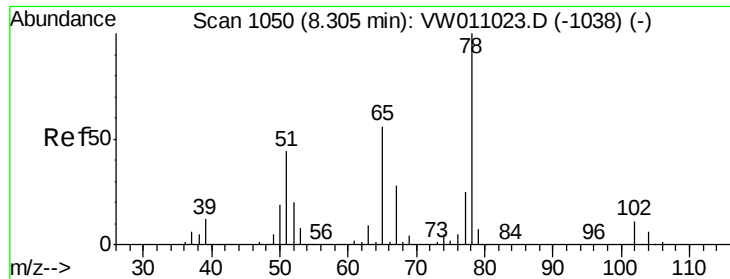
#31
Cyclohexane
Concen: 1.065 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW011063.D
Acq: 28 Jun 2019 16:02

Tgt Ion:	56	Resp:	5039
Ion	Ratio	Lower	Upper
56	100		
69	186.5	24.2	36.2#
84	139.0	60.6	90.8#



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

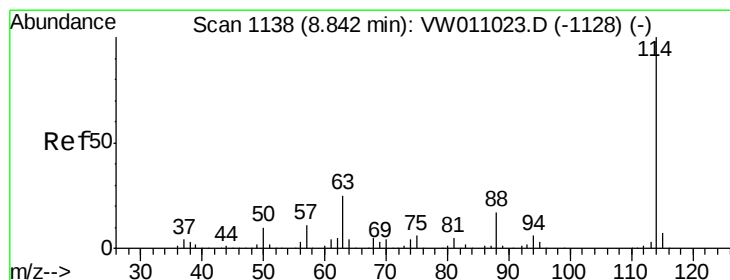
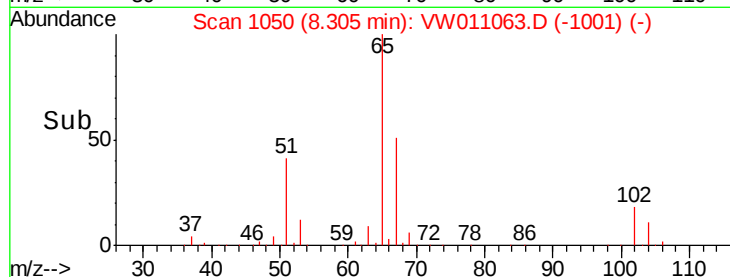
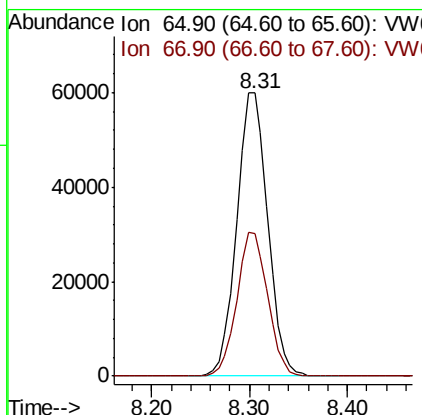
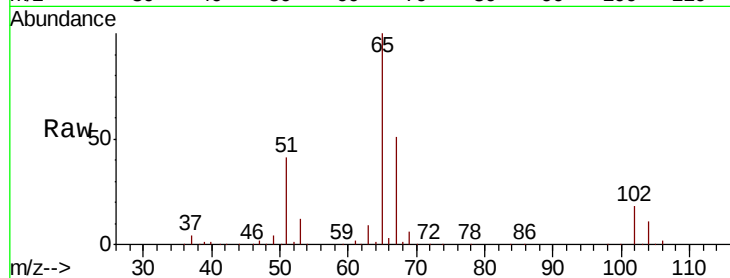




#33
 1,2-Dichloroethane-d4
 Concen: 53.370 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011063.D
 Acq: 28 Jun 2019 16:02

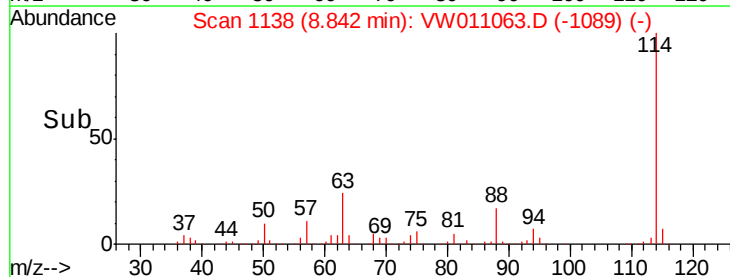
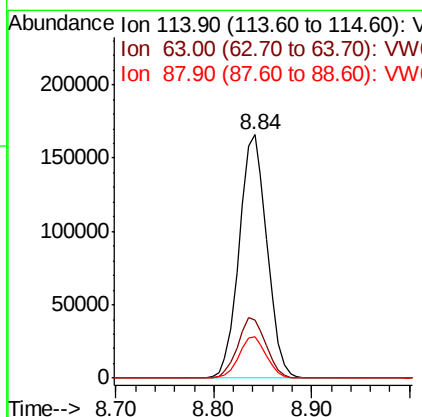
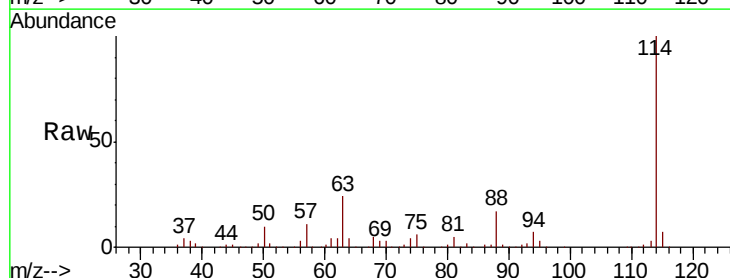
Instrument :
 MSVOA_W
 ClientSampleId :
 SP-1

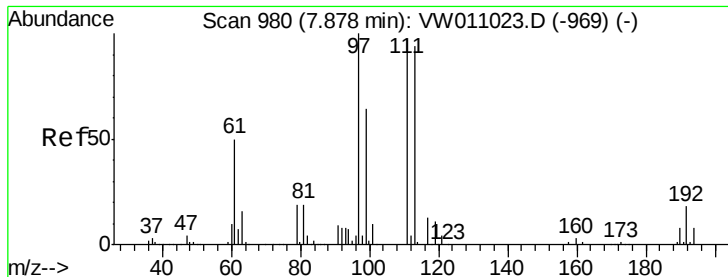
Tot Ion: 65 Resp: 132053
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011063.D
 Acq: 28 Jun 2019 16:02

Tgt Ion: 114 Resp: 325845
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 50.6
 88 17.2 0.0 34.0

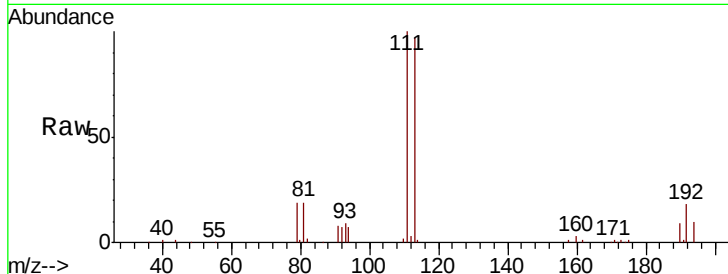




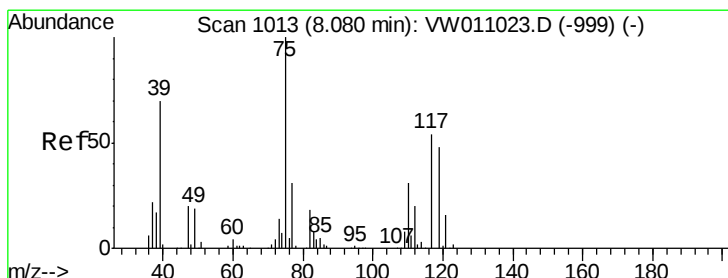
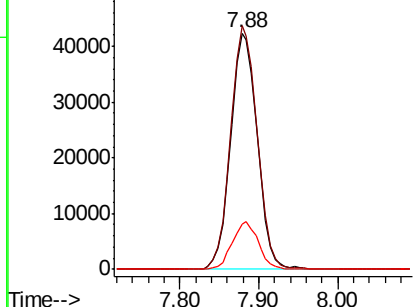
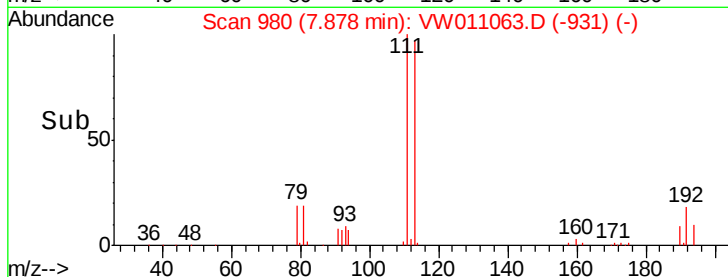
#35
 Dibromofluoromethane
 Concen: 49.946 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW011063.D
 Acq: 28 Jun 2019 16:02

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-1

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.8	125.6
192	19.8	16.0	24.0

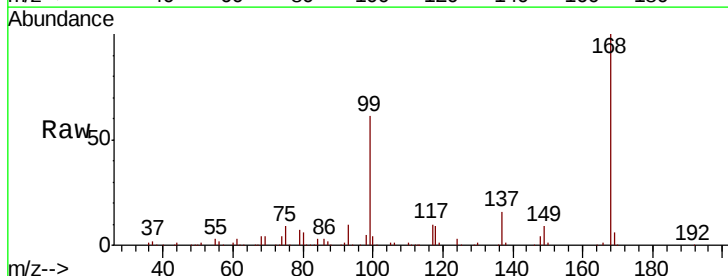


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

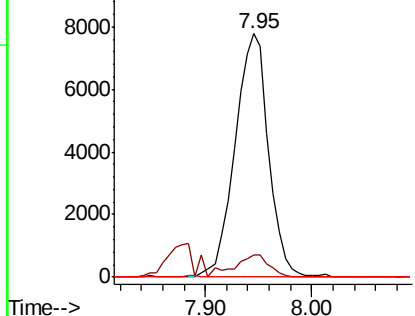
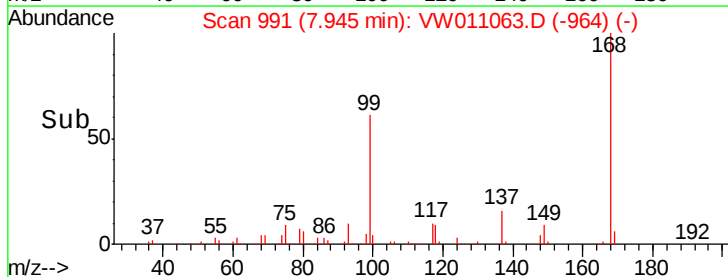


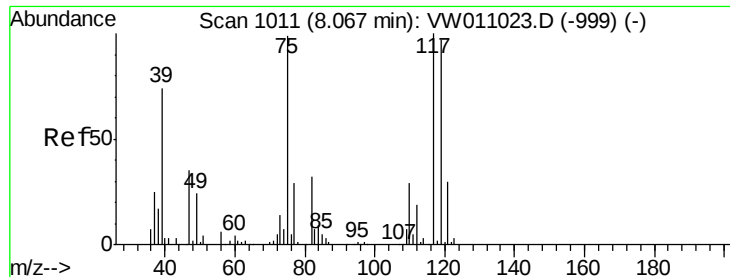
#36
 1,1-Dichloropropene
 Concen: 4.899 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011063.D
 Acq: 28 Jun 2019 16:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	15.5	46.5#
77	0.0	24.9	37.3#



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

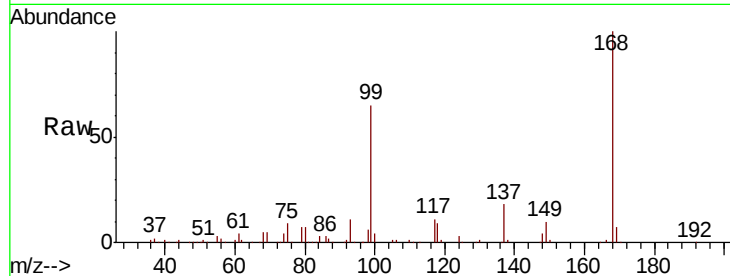




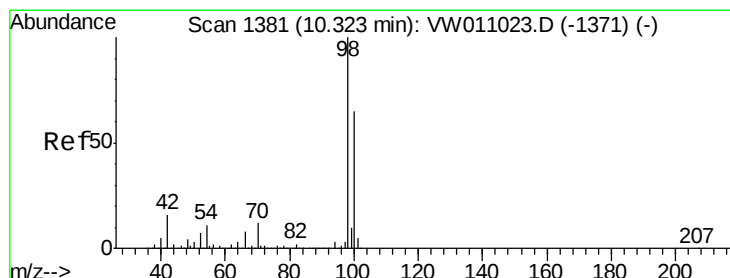
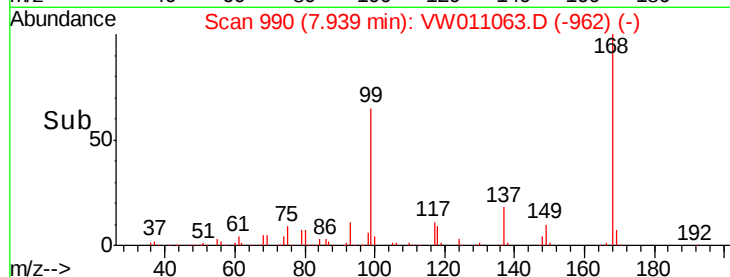
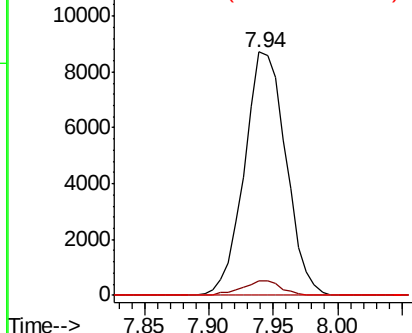
#38
Carbon Tetrachloride
Concen: 6.730 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.13 min
Lab File: VW011063.D
Acq: 28 Jun 2019 16:02

Instrument :
MSVOA_W
ClientSampleId :
SP-1

Tot Ion:117 Resp: 19411
Ion Ratio Lower Upper
117 100
119 5.8 77.7 116.5#
121 0.0 23.9 35.9#

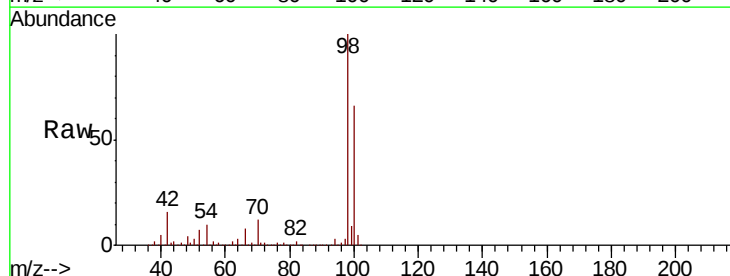


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

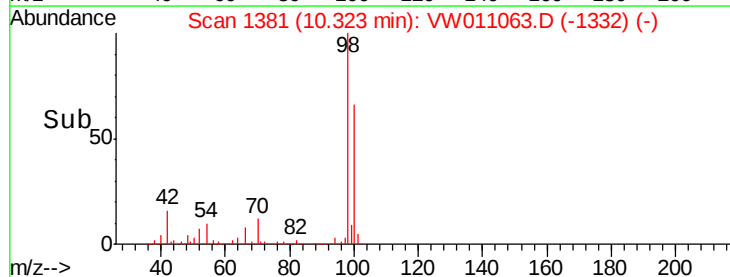
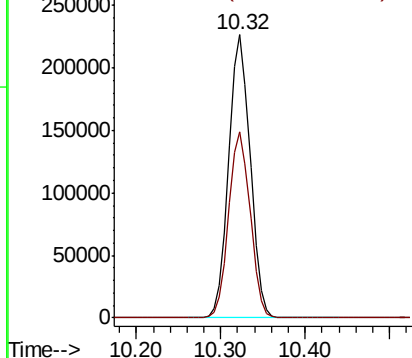


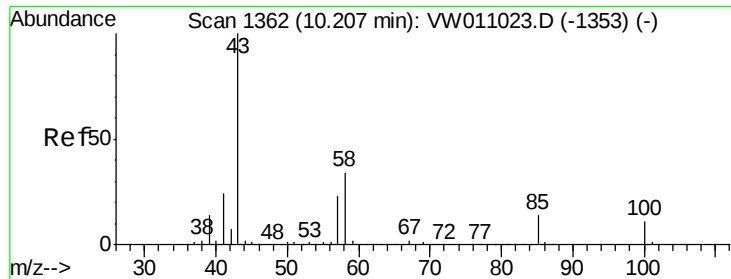
#50
Toluene-d8
Concen: 47.672 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011063.D
Acq: 28 Jun 2019 16:02

Tgt Ion: 98 Resp: 390450
Ion Ratio Lower Upper
98 100
100 65.7 52.3 78.5



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





#51

4-Methyl-2-Pentanone

Concen: 1.279 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.12 min

Lab File: VW011063.D

Acq: 28 Jun 2019 16:02

Instrument :

MSVOA_W

ClientSampled :

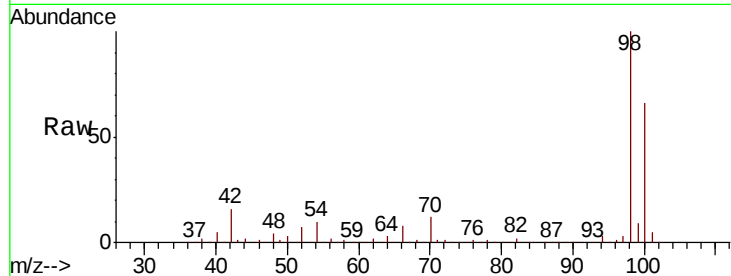
SP-1

Tot Ion: 43 Resp: 2595

Ion Ratio Lower Upper

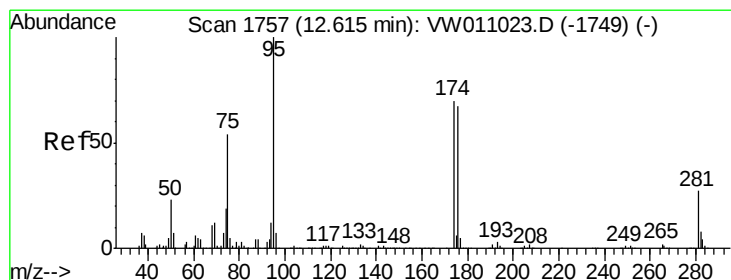
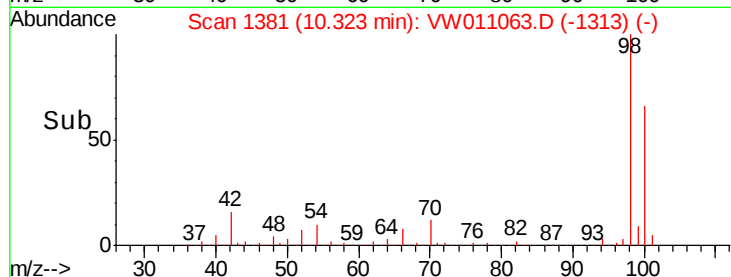
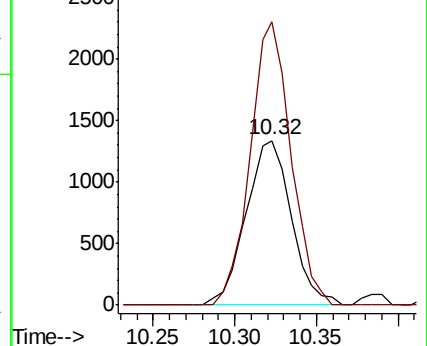
43 100

58 154.0 27.8 41.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#62

4-Bromofluorobenzene

Concen: 34.166 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011063.D

Acq: 28 Jun 2019 16:02

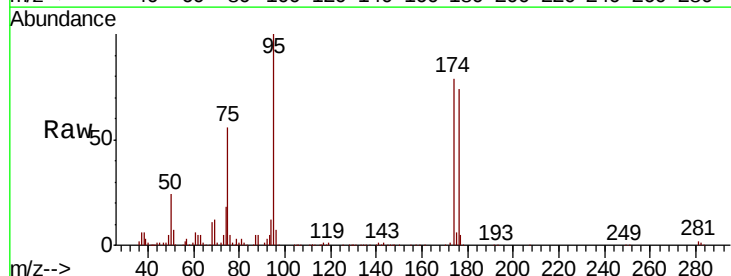
Tgt Ion: 95 Resp: 102348

Ion Ratio Lower Upper

95 100

174 74.8 0.0 149.2

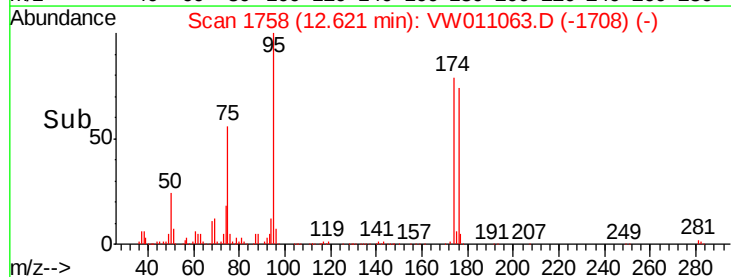
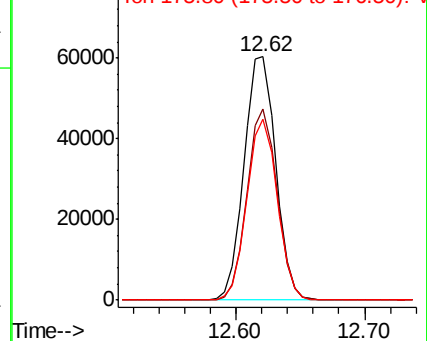
176 71.5 0.0 143.6

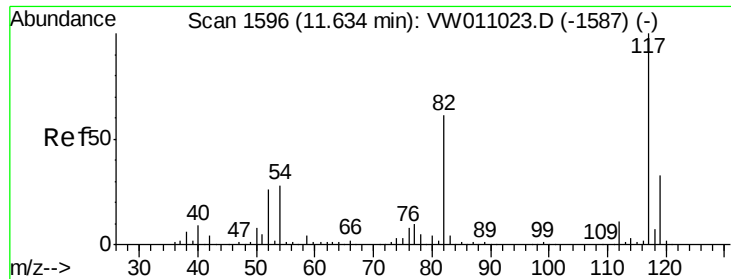


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

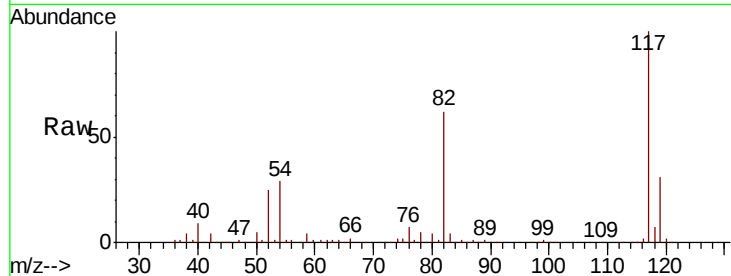




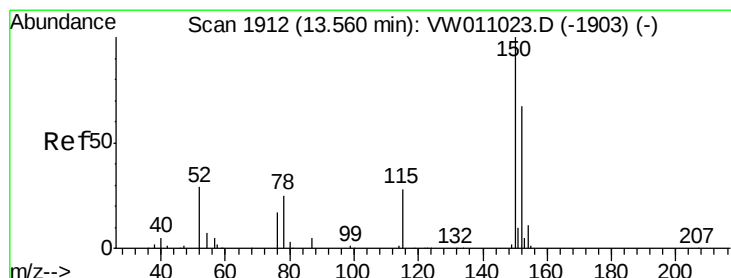
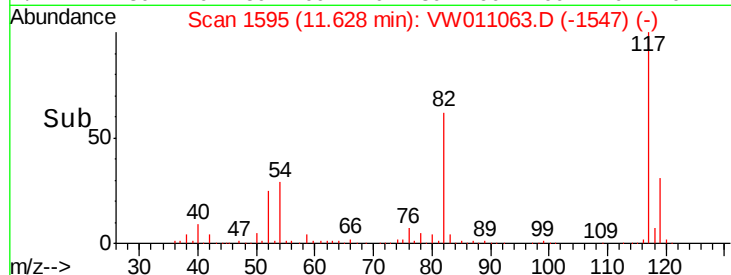
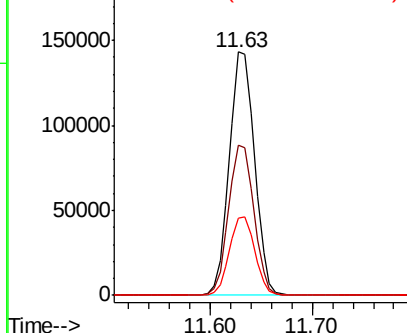
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011063.D
Acq: 28 Jun 2019 16:02

Instrument :
MSVOA_W
ClientSampleId :
SP-1

Tot Ion:117 Resp: 244318
Ion Ratio Lower Upper
117 100
82 61.6 48.6 73.0
119 31.5 26.1 39.1

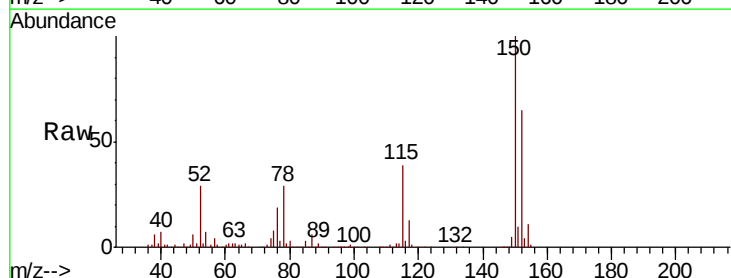


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

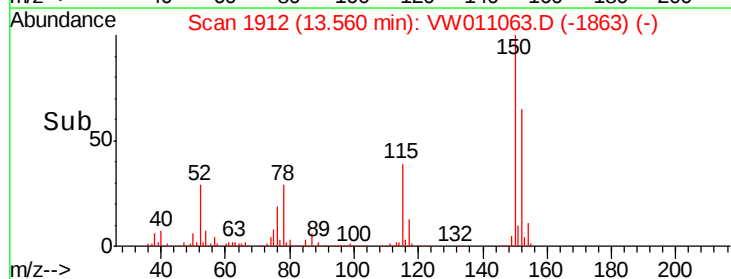
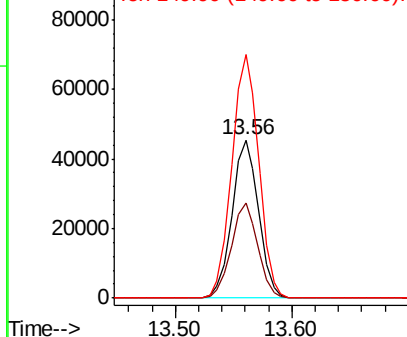


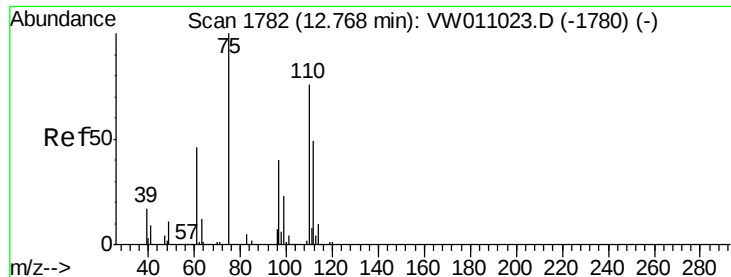
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011063.D
Acq: 28 Jun 2019 16:02

Tgt Ion:152 Resp: 71776
Ion Ratio Lower Upper
152 100
115 60.1 30.7 92.1
150 156.8 0.0 341.8



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: 73.990 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW011063.D

Acq: 28 Jun 2019 16:02

Instrument :

MSVOA_W

ClientSampleId :

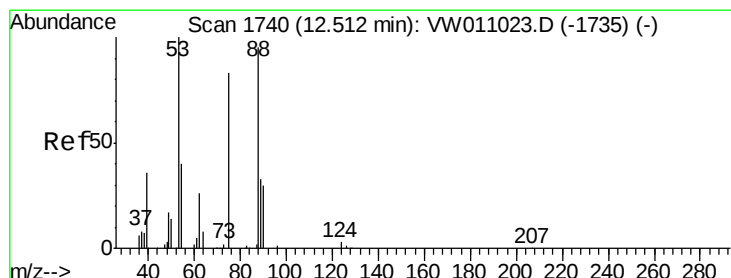
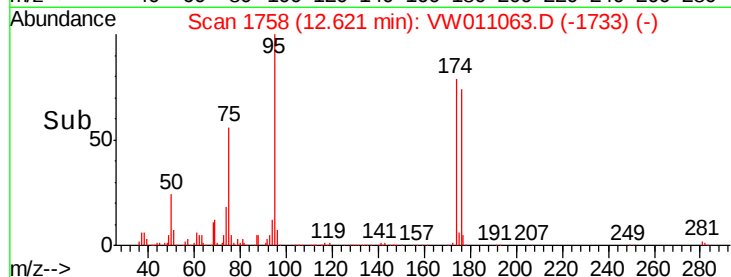
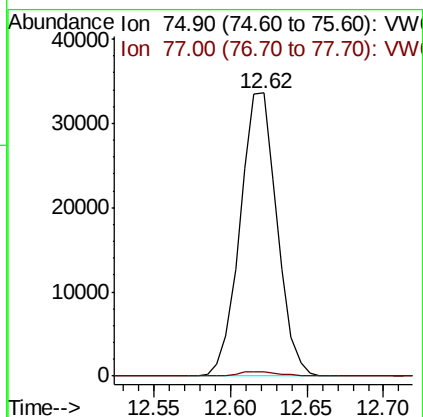
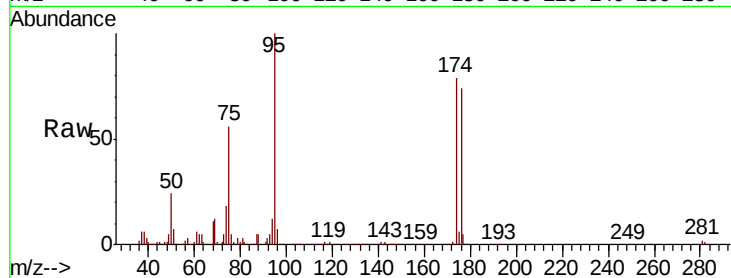
SP-1

Tot Ion: 75 Resp: 56067

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 148.616 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW011063.D

Acq: 28 Jun 2019 16:02

Tgt Ion: 75 Resp: 56067

Ion Ratio Lower Upper

75 100

53 0.1 95.6 143.4#

89 0.0 34.4 51.6#

