

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070119\
 Data File : VW011082.D
 Acq On : 01 Jul 2019 14:01
 Operator : SY/VA
 Sample : K3555-01RE
 Misc : 5.81G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SAMPLE-17

Quant Time: Jul 02 08:35:25 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	195820	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	337011	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	272390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	97333	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	138136	53.96	ug/l	0.00
Spiked Amount			Recovery	=	107.92%	
35) Dibromofluoromethane	7.88	113	93892	45.62	ug/l	0.00
Spiked Amount			Recovery	=	91.24%	
50) Toluene-d8	10.32	98	416023	49.11	ug/l	0.00
Spiked Amount			Recovery	=	98.22%	
62) 4-Bromofluorobenzene	12.62	95	122929	39.68	ug/l	0.00
Spiked Amount			Recovery	=	79.36%	

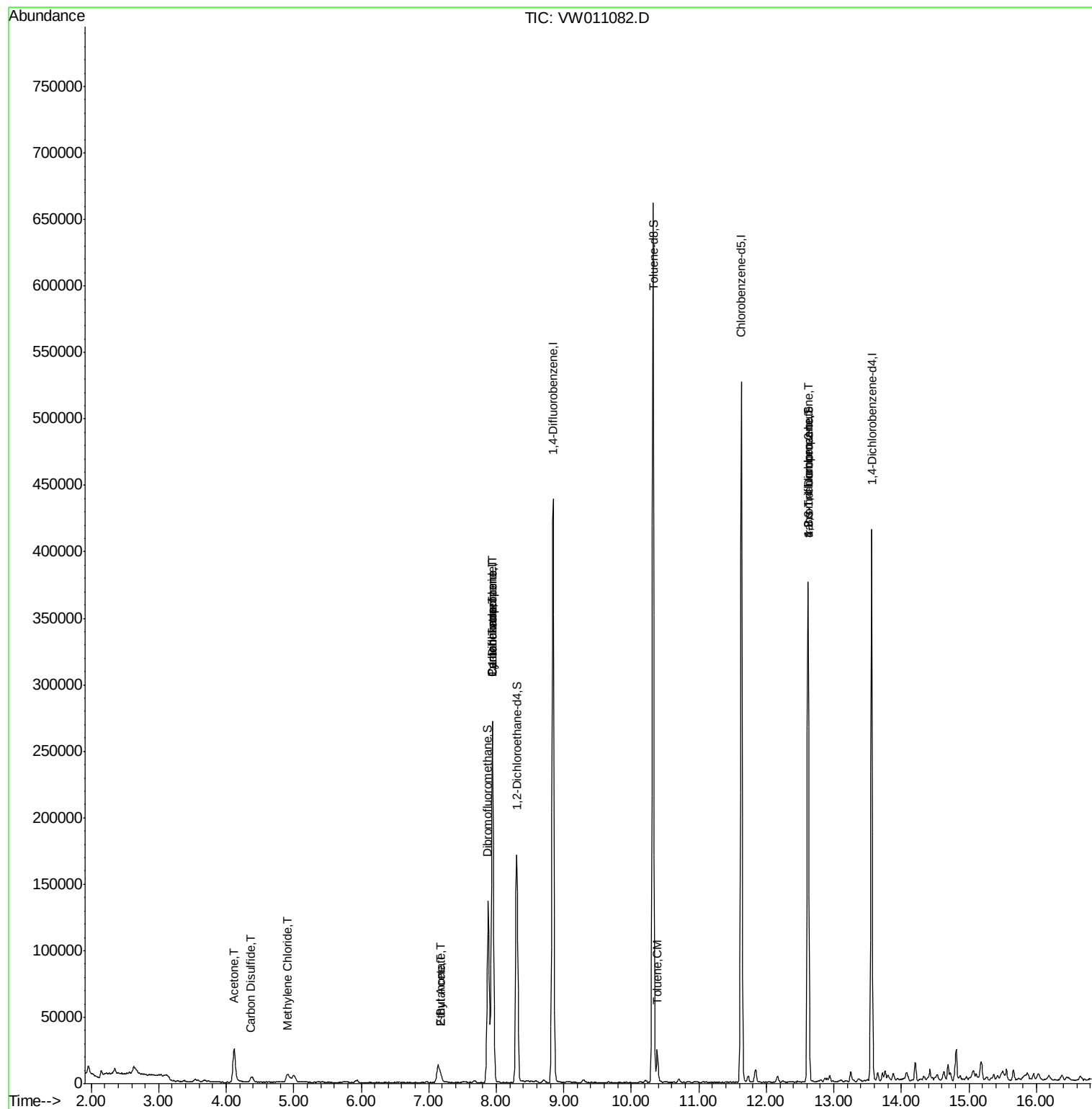
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	47334	75.752	ug/l	99
17) Carbon Disulfide	4.37	76	7176	1.141	ug/l	96
20) Methylene Chloride	4.90	84	5041	1.986	ug/l	96
25) 2-Butanone	7.18	43	10224	10.764	ug/l	93
31) Cyclohexane	7.94	56	5270	1.076	ug/l #	13
36) 1,1-Dichloropropene	7.95	75	17722	4.893	ug/l #	51
37) Ethyl Acetate	7.18	43	10224	4.852	ug/l #	73
38) Carbon Tetrachloride	7.95	117	20297	6.804	ug/l #	15
52) Toluene	10.39	92	9727	1.595	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	65199	63.449	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	65199	128.028	ug/l #	3

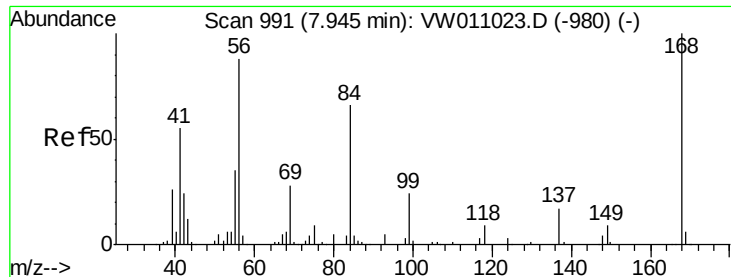
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW070119\
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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: VW011082.D

Acq: 01 Jul 2019 14:01

Instrument :

MSVOA_W

ClientSampleId :

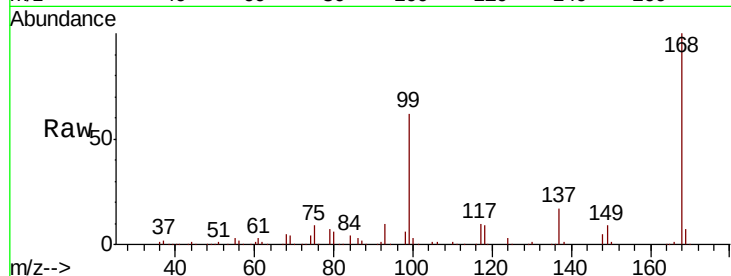
SAMPLE-17

Tot Ion:168 Resp: 195820

Ion Ratio Lower Upper

168 100

99 61.8 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

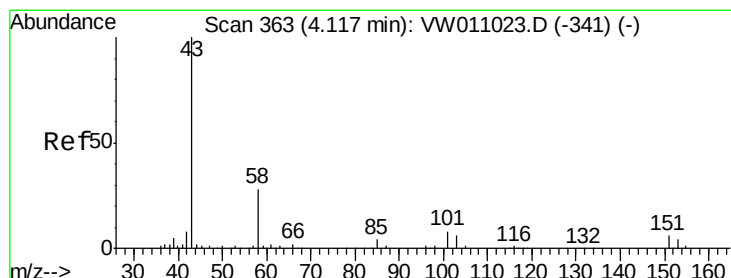
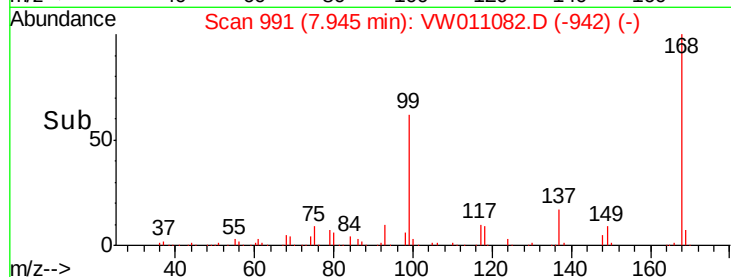
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 75.752 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW011082.D

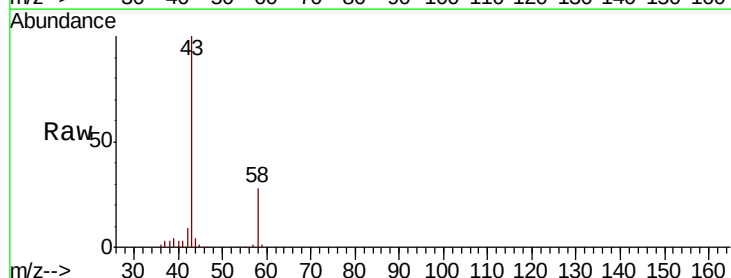
Acq: 01 Jul 2019 14:01

Tgt Ion: 43 Resp: 47334

Ion Ratio Lower Upper

43 100

58 27.6 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

15000

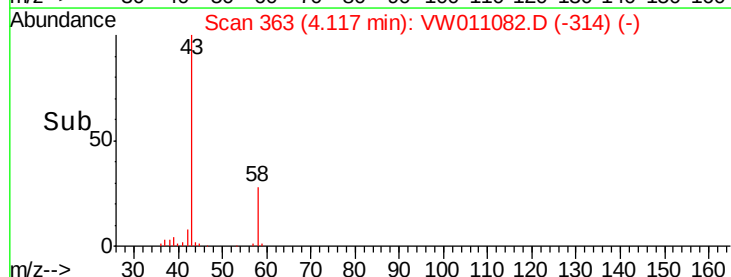
10000

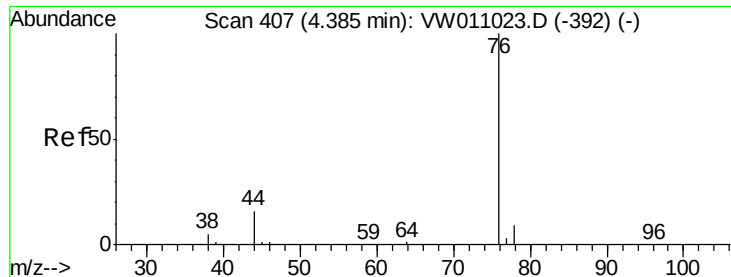
5000

0

4.00 4.10 4.20

Time-->





#17

Carbon Disulfide

Concen: 1.141 ug/l

RT: 4.37 min Scan# 404

Delta R.T. -0.02 min

Lab File: VW011082.D

Acq: 01 Jul 2019 14:01

Instrument :

MSVOA_W

ClientSampled :

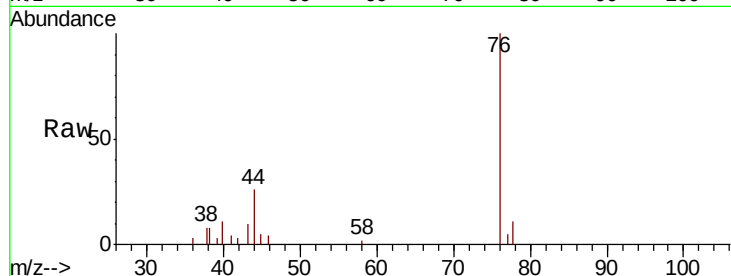
SAMPLE-17

Tot Ion: 76 Resp: 7176

Ion Ratio Lower Upper

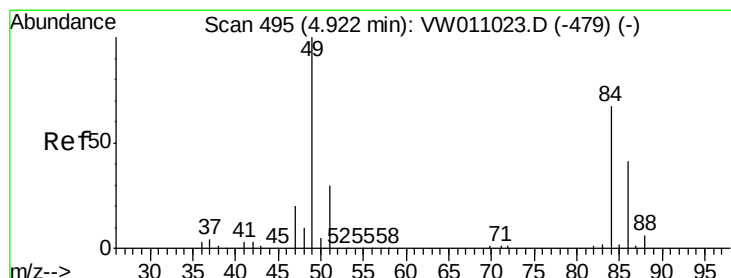
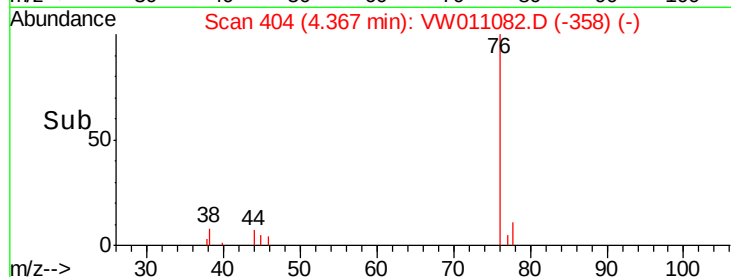
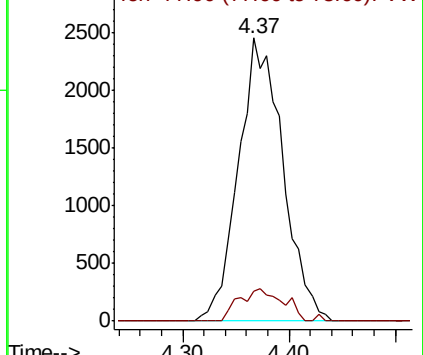
76 100

78 10.6 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: 1.986 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.02 min

Lab File: VW011082.D

Acq: 01 Jul 2019 14:01

Tgt Ion: 84 Resp: 5041

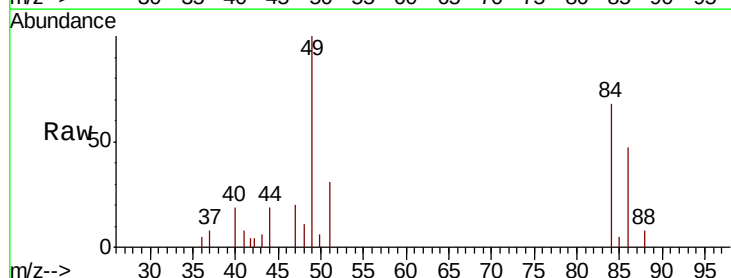
Ion Ratio Lower Upper

84 100

49 147.5 119.6 179.4

51 45.7 35.6 53.4

86 69.2 49.0 73.6

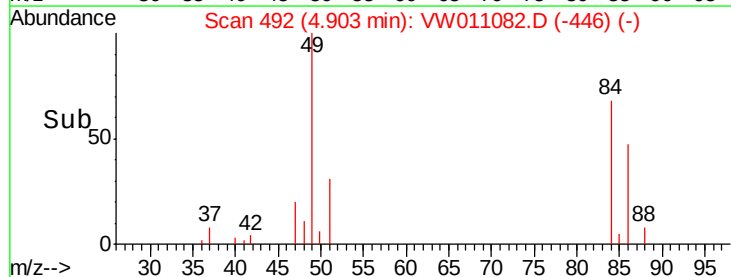
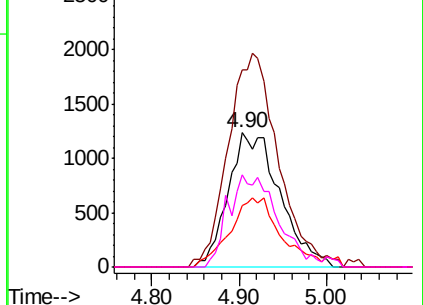


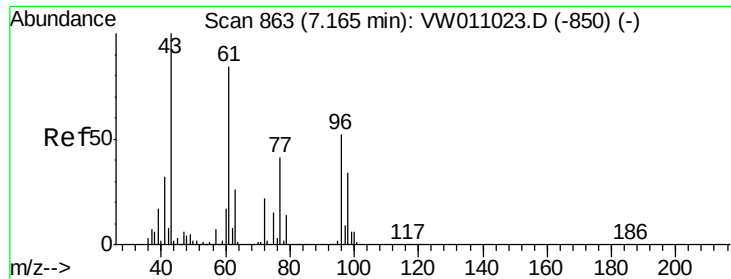
Abundance Ion 83.90 (83.60 to 84.60): VW

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





#25

2-Butanone

Concen: 10.764 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW011082.D

Acq: 01 Jul 2019 14:01

Instrument :

MSVOA_W

ClientSampleId :

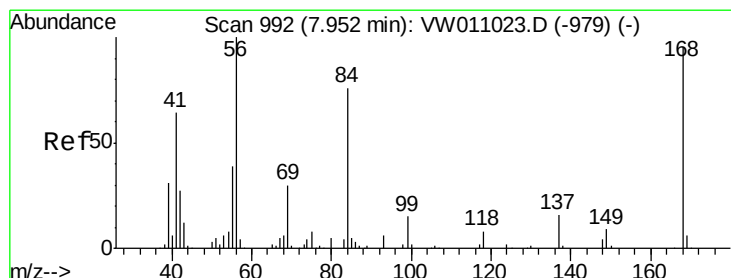
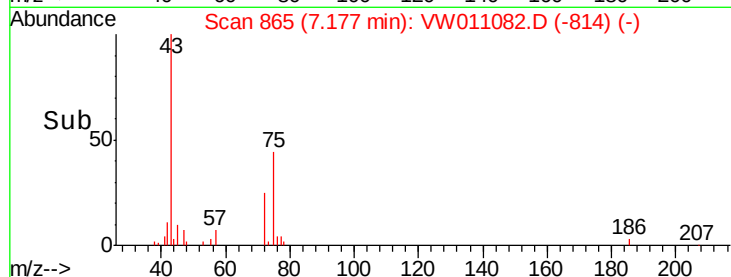
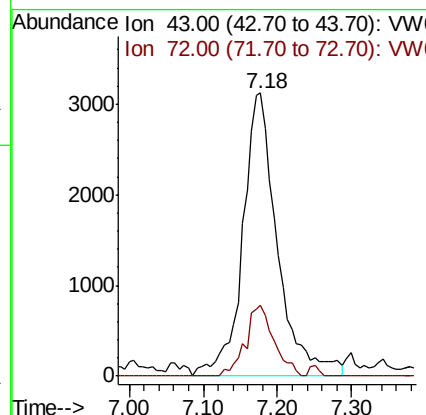
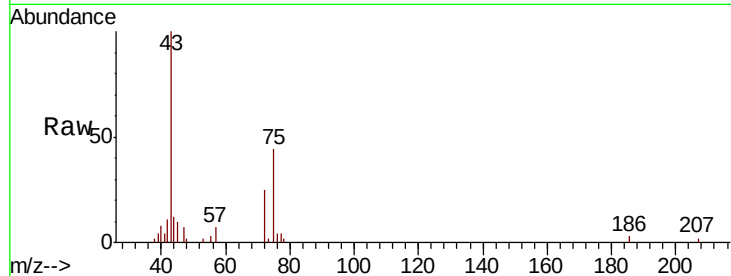
SAMPLE-17

Tot Ion: 43 Resp: 10224

Ion Ratio Lower Upper

43 100

72 24.8 17.2 25.8



#31

Cyclohexane

Concen: 1.076 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW011082.D

Acq: 01 Jul 2019 14:01

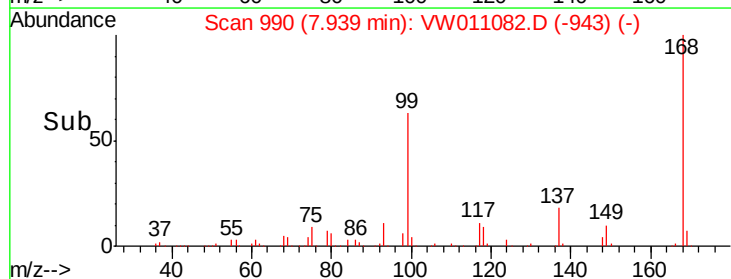
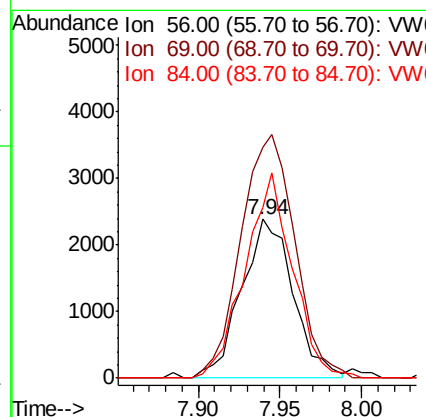
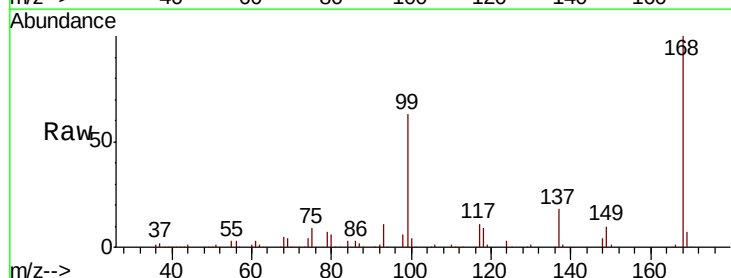
Tgt Ion: 56 Resp: 5270

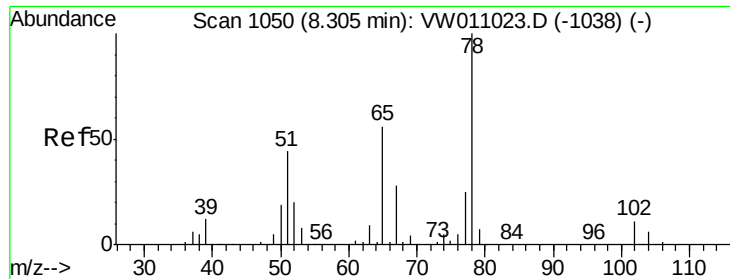
Ion Ratio Lower Upper

56 100

69 145.2 24.2 36.2#

84 107.3 60.6 90.8#

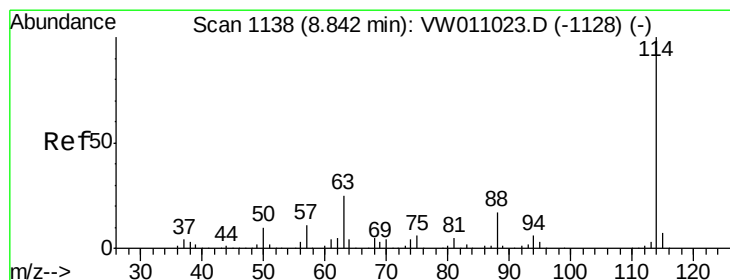
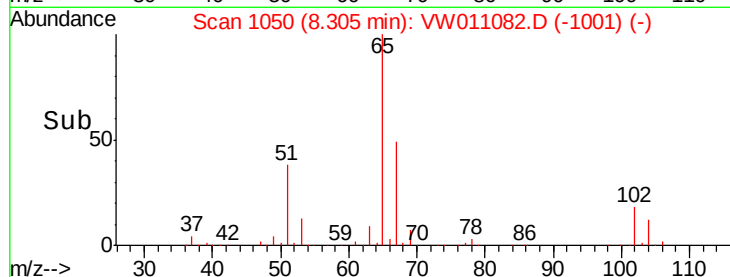
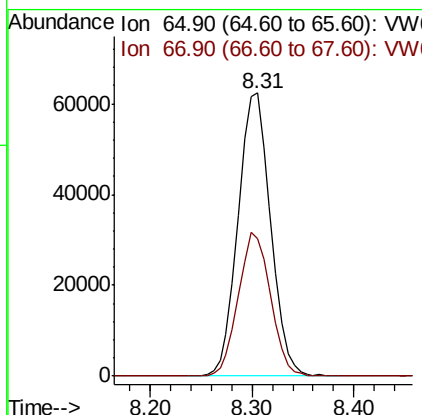
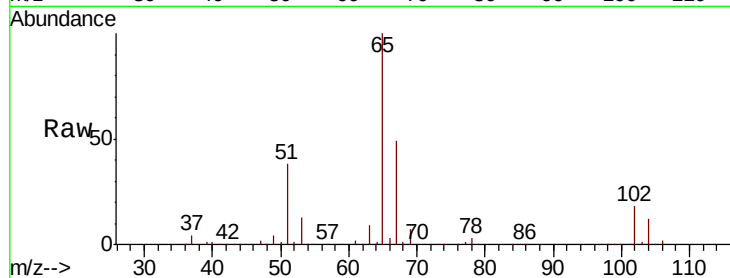




#33
 1,2-Dichloroethane-d4
 Concen: 53.962 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011082.D
 Acq: 01 Jul 2019 14:01

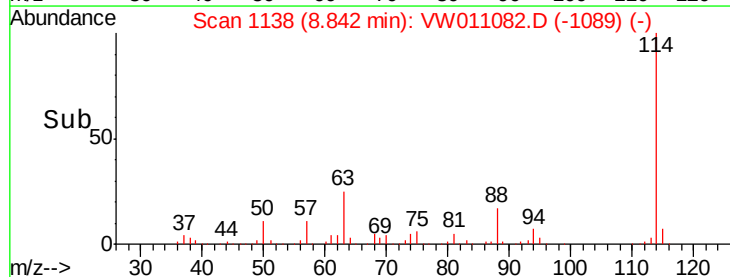
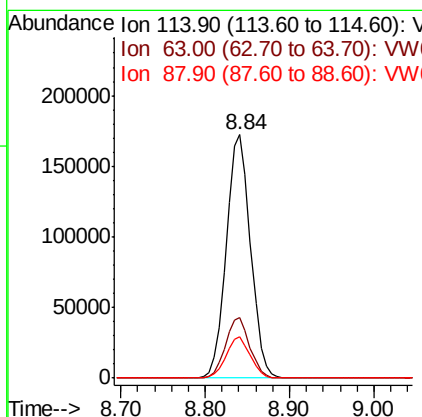
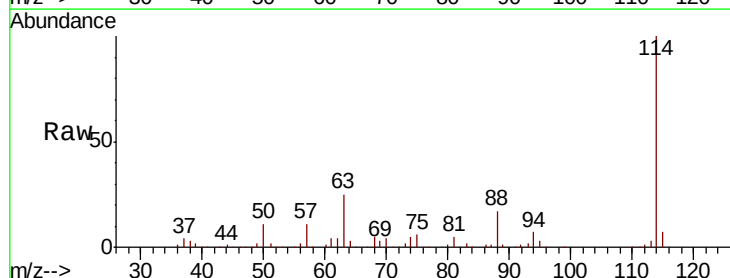
Instrument :
 MSVOA_W
 ClientSampleId :
 SAMPLE-17

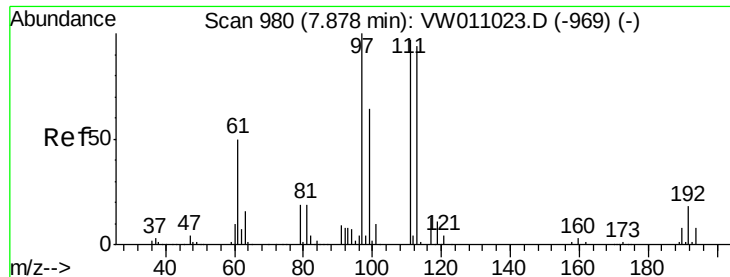
Tot Ion: 65 Resp: 138136
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011082.D
 Acq: 01 Jul 2019 14:01

Tgt Ion: 114 Resp: 337011
 Ion Ratio Lower Upper
 114 100
 63 25.0 0.0 50.6
 88 17.1 0.0 34.0

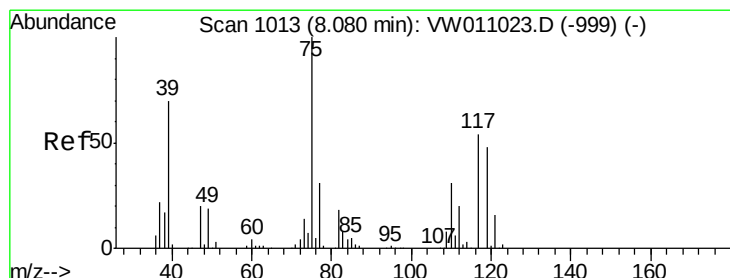
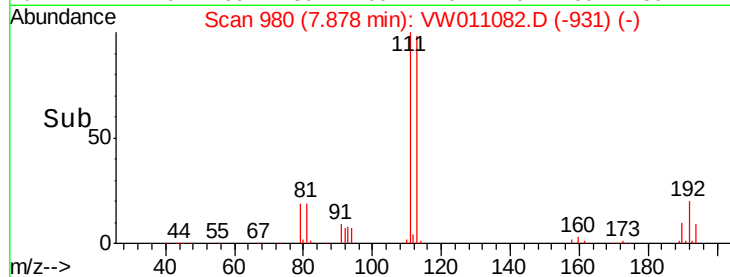
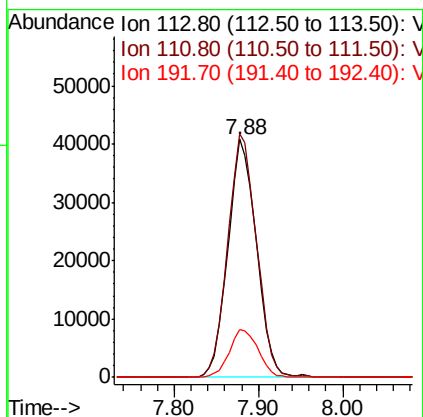
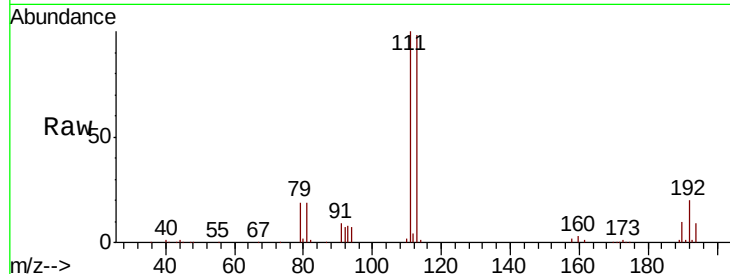




#35
 Dibromofluoromethane
 Concen: 45.625 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW011082.D
 Acq: 01 Jul 2019 14:01

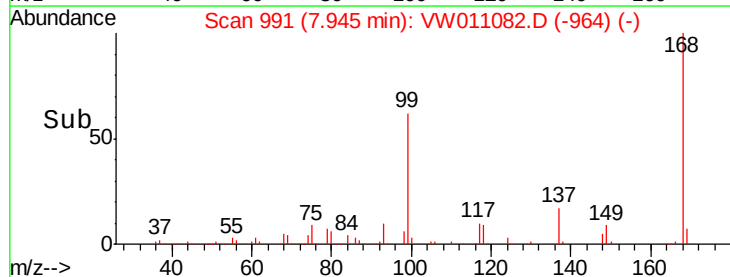
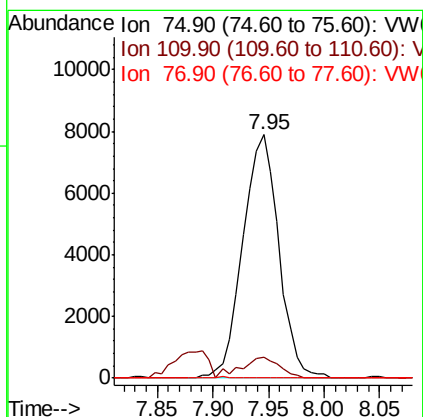
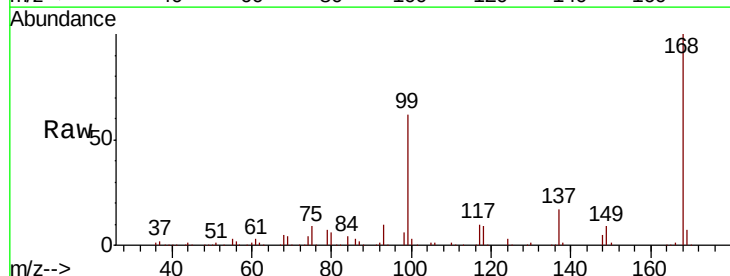
Instrument :
 MSVOA_W
 ClientSampled :
 SAMPLE-17

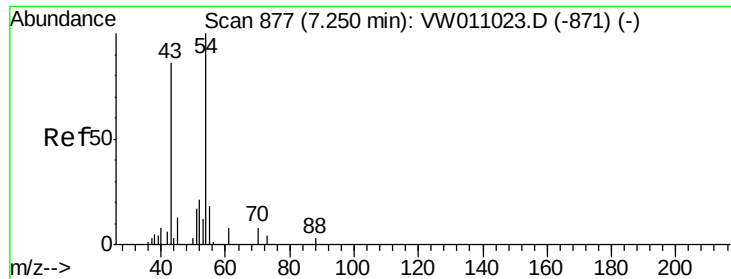
Tot Ion:113 Resp: 93892
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.8 125.6
 192 20.0 16.0 24.0



#36
 1,1-Dichloropropene
 Concen: 4.893 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011082.D
 Acq: 01 Jul 2019 14:01

Tgt Ion: 75 Resp: 17722
 Ion Ratio Lower Upper
 75 100
 110 8.3 15.5 46.5#
 77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 4.852 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.07 min

Lab File: VW011082.D

Acq: 01 Jul 2019 14:01

Instrument :

MSVOA_W

ClientSampleId :

SAMPLE-17

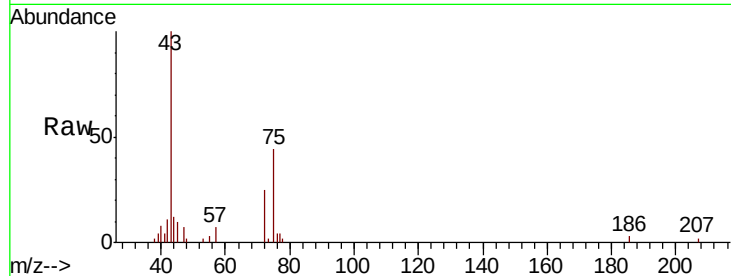
Tot Ion: 43 Resp: 10224

Ion Ratio Lower Upper

43 100

61 0.0 9.0 13.4#

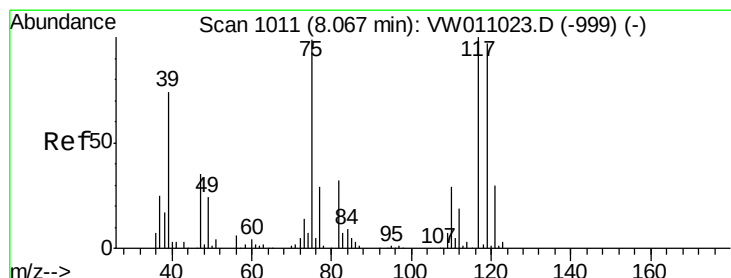
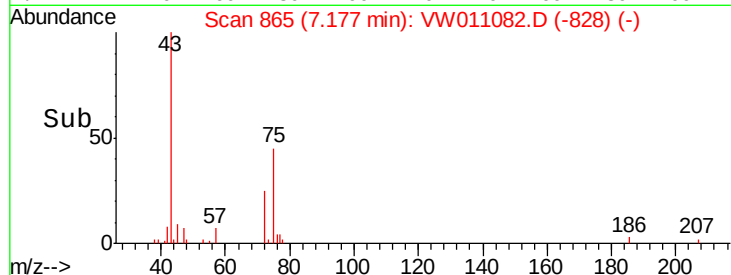
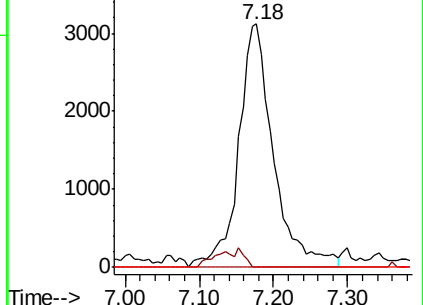
70 0.0 7.2 10.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 6.804 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW011082.D

Acq: 01 Jul 2019 14:01

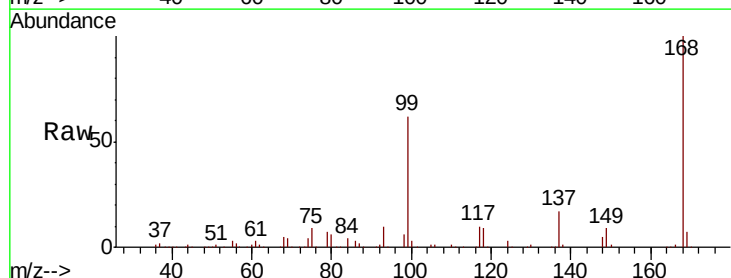
Tgt Ion: 117 Resp: 20297

Ion Ratio Lower Upper

117 100

119 4.6 77.7 116.5#

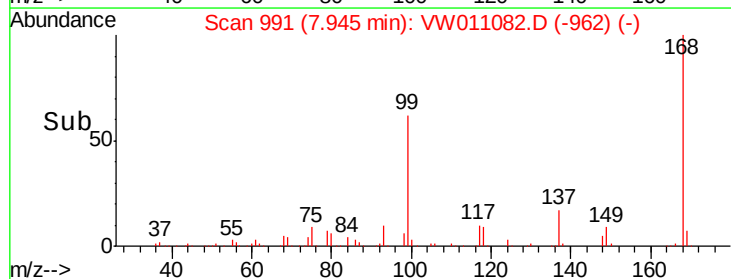
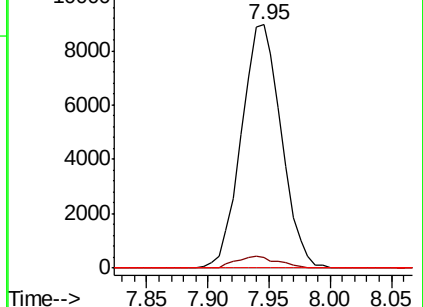
121 0.0 23.9 35.9#

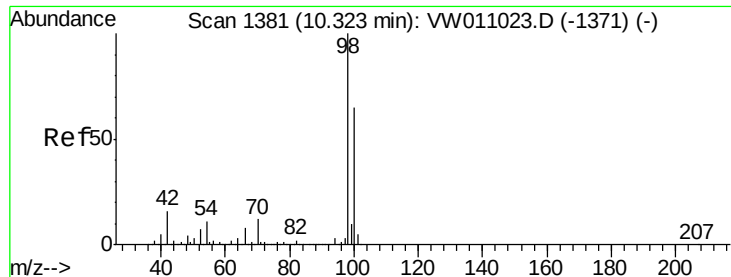


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

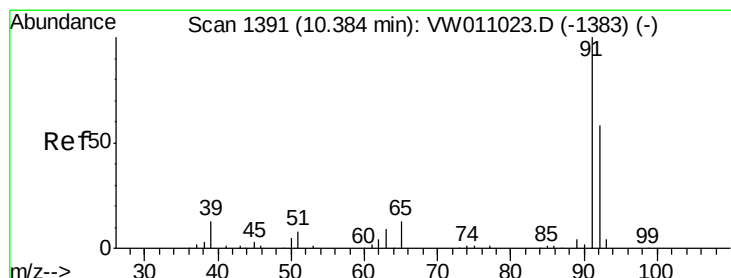
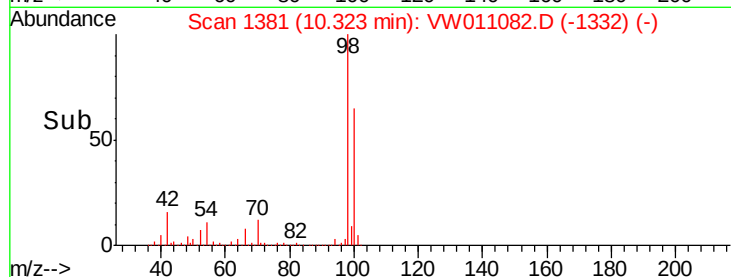
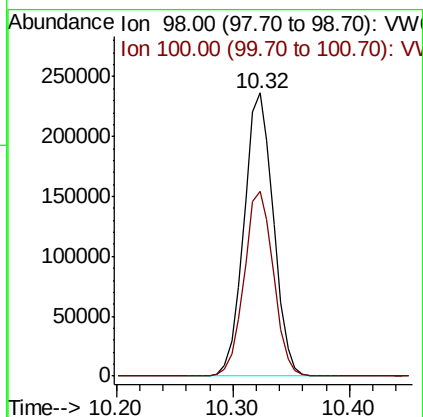
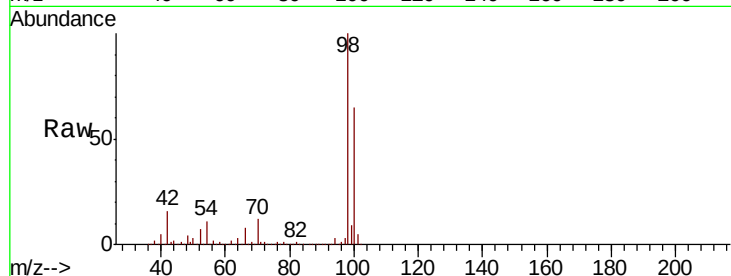




#50
Toluene-d8
Concen: 49.112 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011082.D
Acq: 01 Jul 2019 14:01

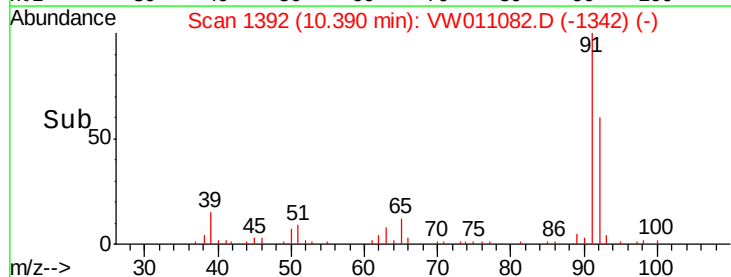
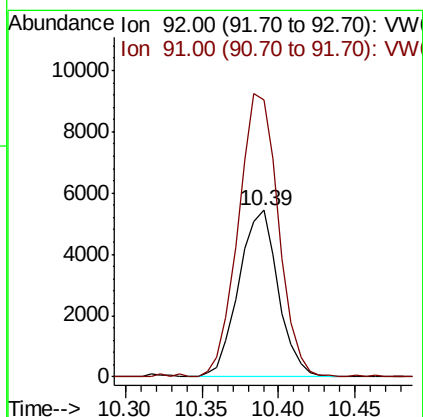
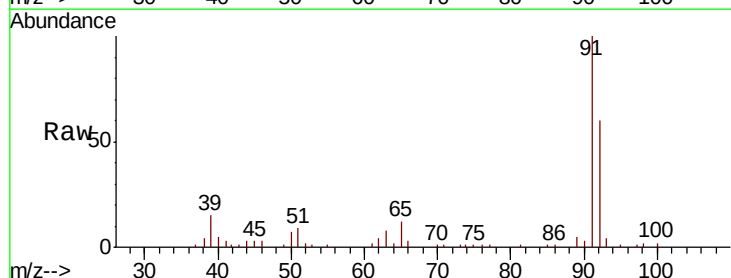
Instrument :
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SAMPLE-17

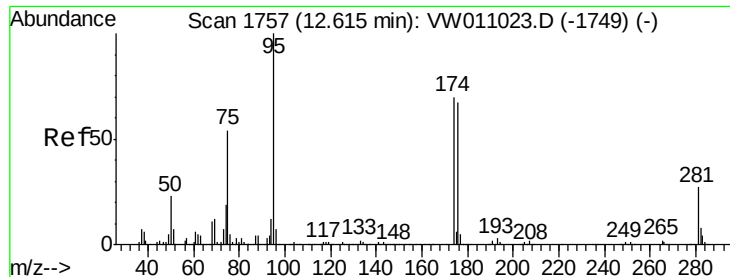
Tot Ion: 98 Resp: 416023
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5



#52
Toluene
Concen: 1.595 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.01 min
Lab File: VW011082.D
Acq: 01 Jul 2019 14:01

Tgt Ion: 92 Resp: 9727
Ion Ratio Lower Upper
92 100
91 173.2 136.9 205.3

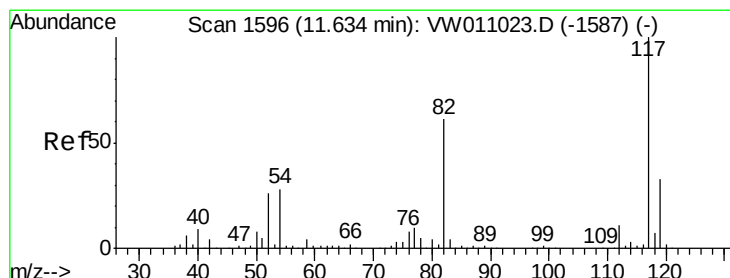
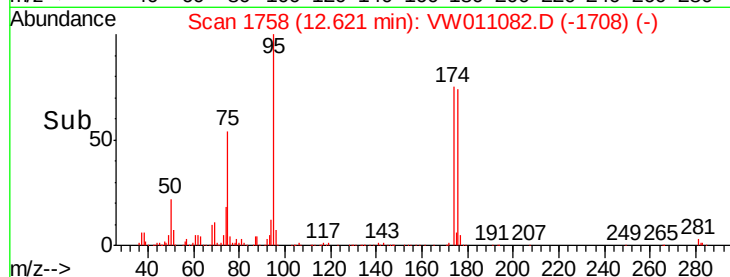
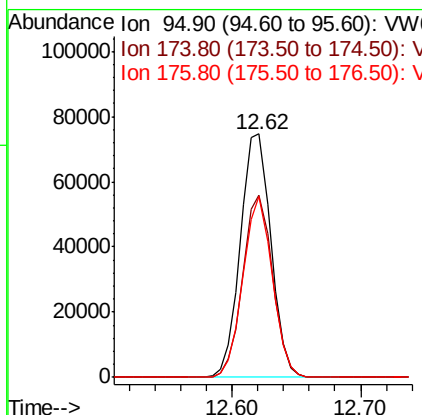
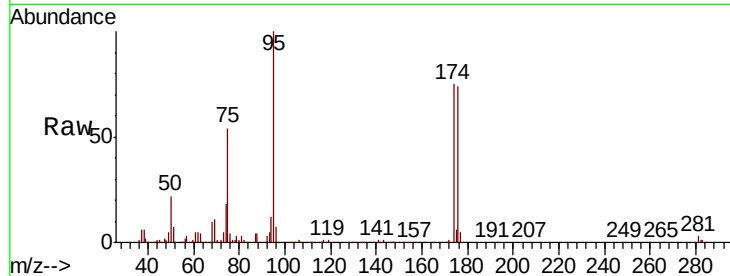




#62
4-Bromofluorobenzene
Concen: 39.677 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW011082.D
Acq: 01 Jul 2019 14:01

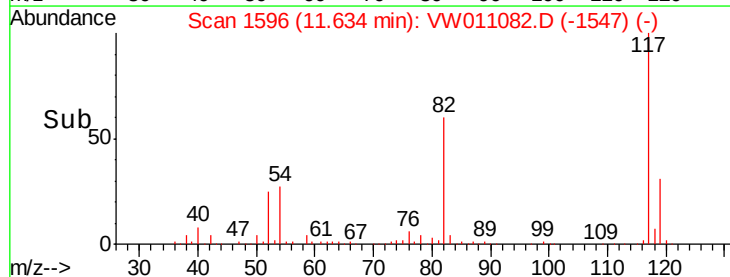
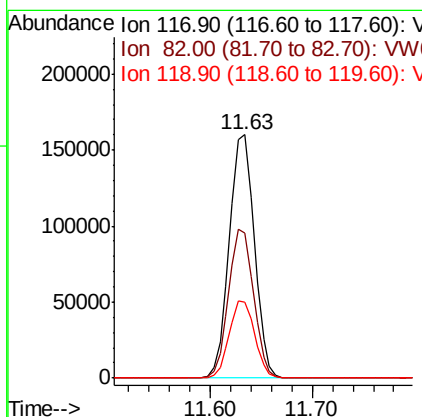
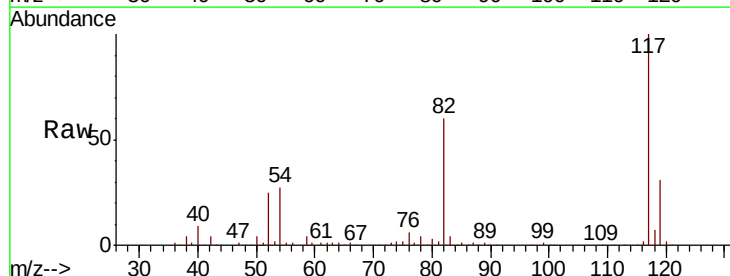
Instrument :
MSVOA_W
ClientSampleId :
SAMPLE-17

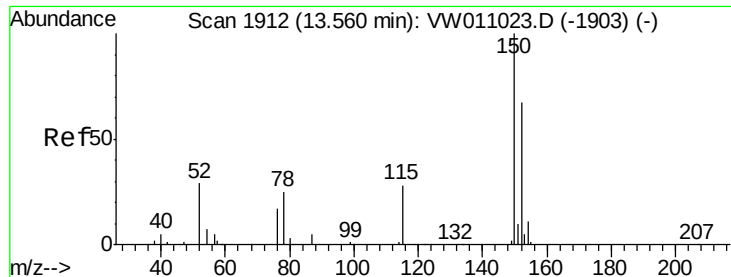
Tot Ion	Ratio	Lower	Upper
95	100		
174	73.0	0.0	149.2
176	70.8	0.0	143.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011082.D
Acq: 01 Jul 2019 14:01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	59.7	48.6	73.0
119	31.2	26.1	39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011082.D

Acq: 01 Jul 2019 14:01

Instrument :

MSVOA_W

ClientSampled :

SAMPLE-17

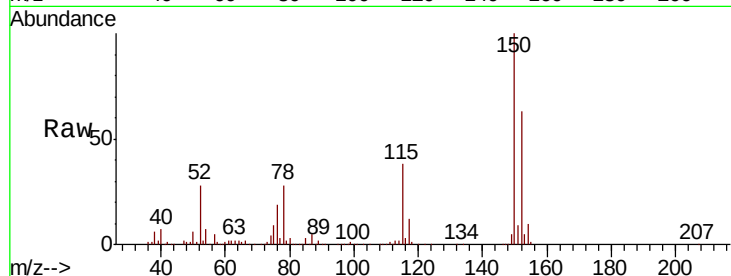
Tot Ion:152 Resp: 97333

Ion Ratio Lower Upper

152 100

115 61.5 30.7 92.1

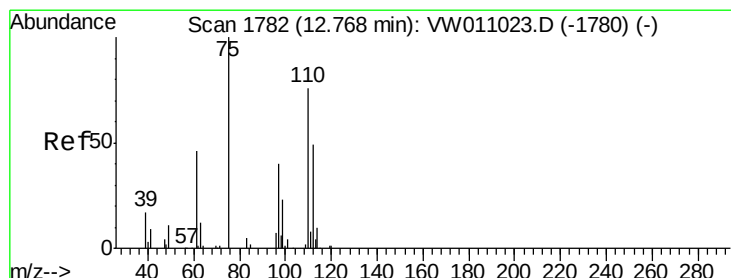
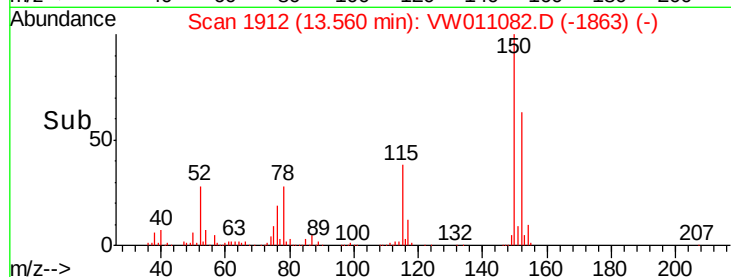
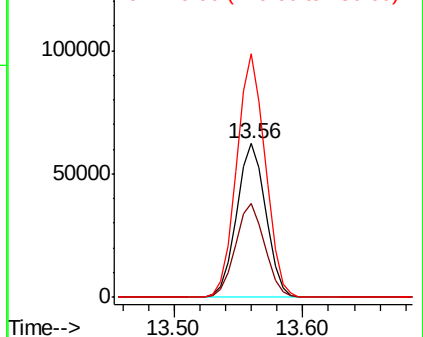
150 156.1 0.0 341.8



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: 63.449 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW011082.D

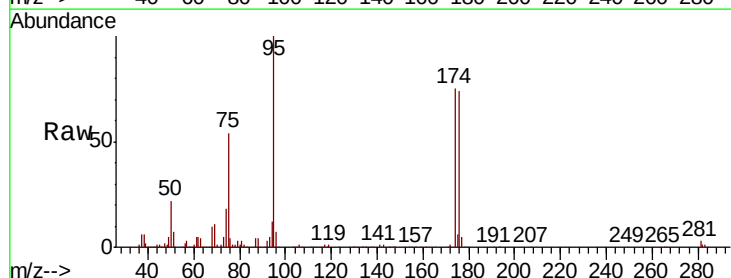
Acq: 01 Jul 2019 14:01

Tgt Ion: 75 Resp: 65199

Ion Ratio Lower Upper

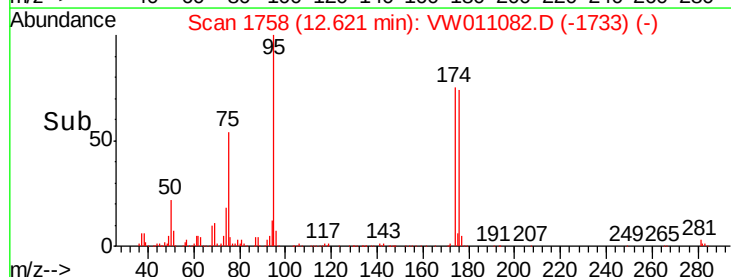
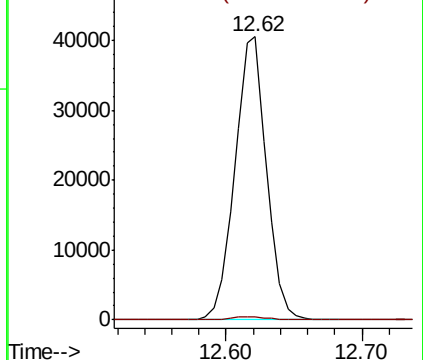
75 100

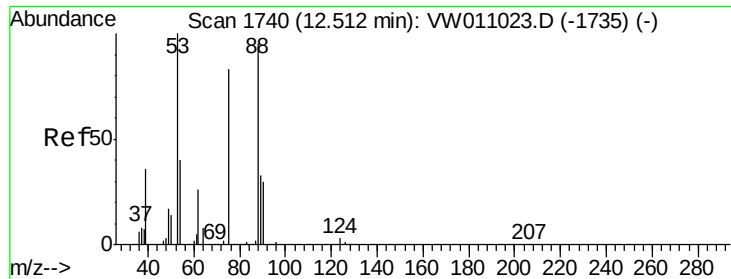
77 1.3 0.0 0.0#



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: 128.028 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW011082.D

Acq: 01 Jul 2019 14:01

Instrument :

MSVOA_W

ClientSampleId :

SAMPLE-17

Tot Ion: 75 Resp: 65199

Ion Ratio Lower Upper

75 100

53 0.2 95.6 143.4#

89 0.1 34.4 51.6#

