

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070119\
 Data File : VW011088.D
 Acq On : 01 Jul 2019 16:42
 Operator : SY/VA
 Sample : K3555-09
 Misc : 5.81G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SAMPLE-9

Quant Time: Jul 02 08:36:34 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	198596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	343671	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	281714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	108405	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	136636	52.63	ug/l	0.00
Spiked Amount			Recovery	=	105.26%	
35) Dibromofluoromethane	7.88	113	104697	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	
50) Toluene-d8	10.32	98	423120	48.98	ug/l	0.00
Spiked Amount			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	12.62	95	131390	41.59	ug/l	0.00
Spiked Amount			Recovery	=	83.18%	

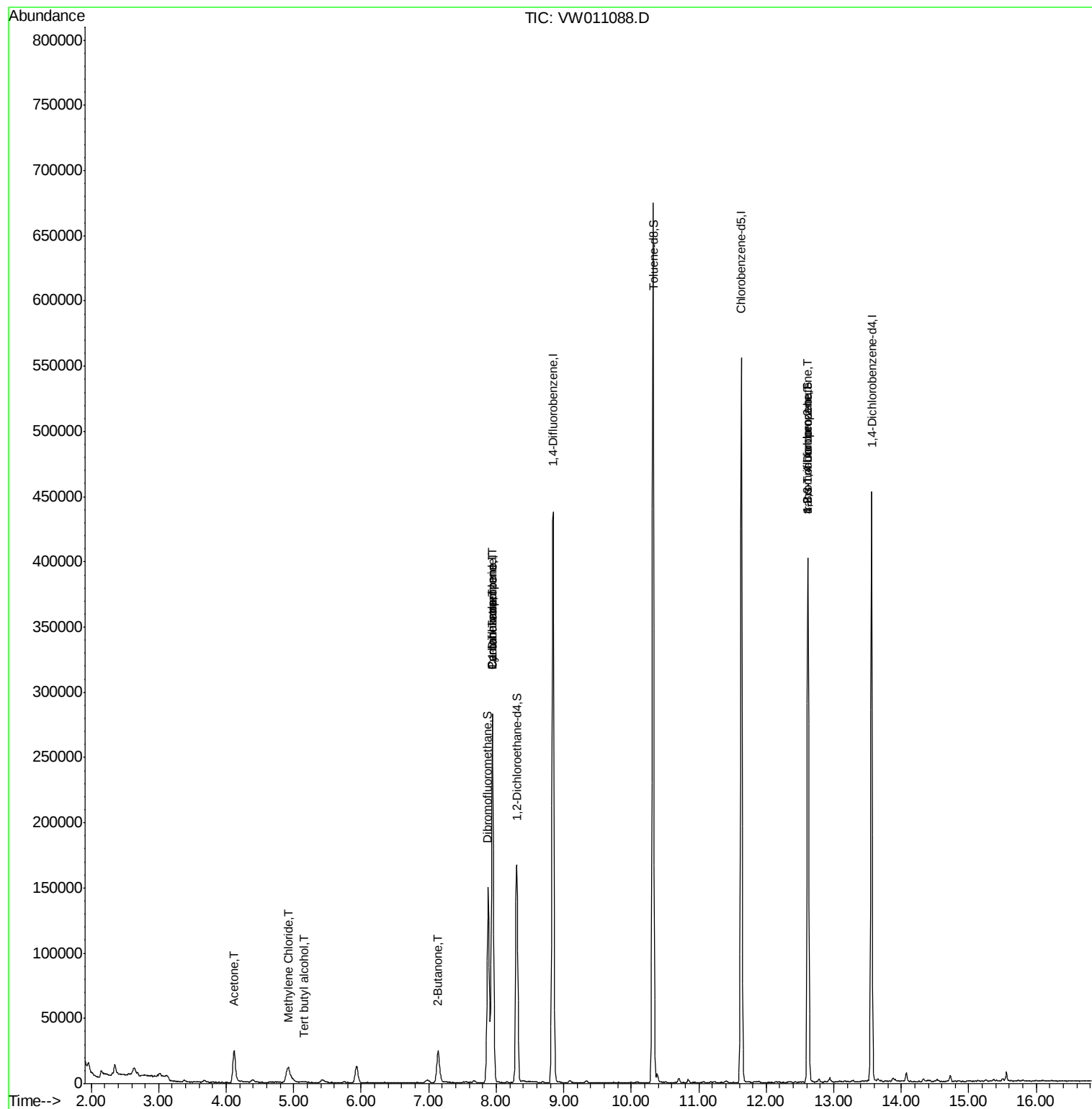
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	1715	9.095	ug/l #	71
16) Acetone	4.12	43	45433	71.693	ug/l	97
20) Methylene Chloride	4.91	84	8786	3.412	ug/l	95
25) 2-Butanone	7.14	43	2388	2.479	ug/l #	80
31) Cyclohexane	7.95	56	5322	1.072	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17872	4.838	ug/l #	51
38) Carbon Tetrachloride	7.95	117	20248	6.656	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	70771	61.837	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	70771	124.880	ug/l #	3

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW070119\
Data File : VW011088.D
Acq On : 01 Jul 2019 16:42
Operator : SY/VA
Sample : K3555-09
Misc : 5.81G/5ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SAMPLE-9

Quant Time: Jul 02 08:36:34 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: VW011088.D

Acq: 01 Jul 2019 16:42

Instrument :

MSVOA_W

ClientSampleId :

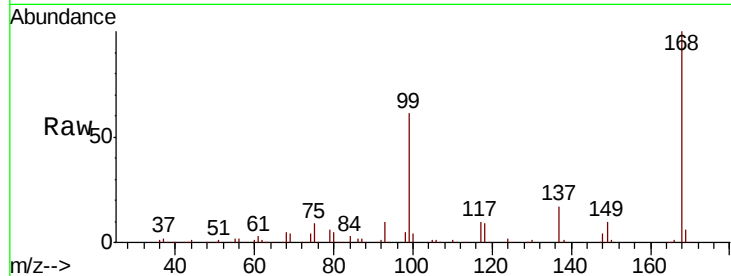
SAMPLE-9

Tot Ion:168 Resp: 198596

Ion Ratio Lower Upper

168 100

99 60.6 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

100000

80000

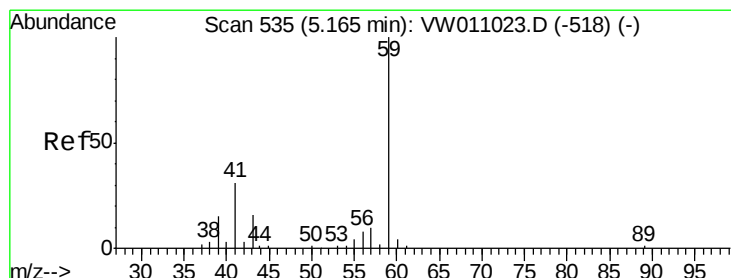
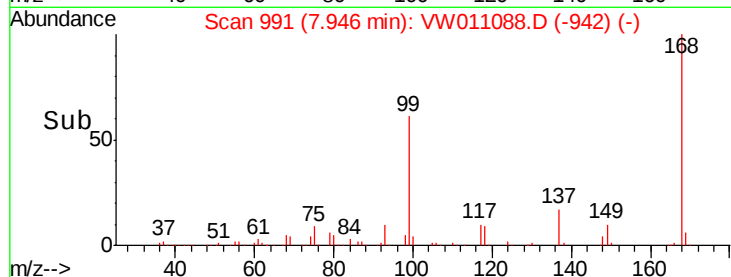
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 9.095 ug/l

RT: 5.17 min Scan# 535

Delta R.T. 0.00 min

Lab File: VW011088.D

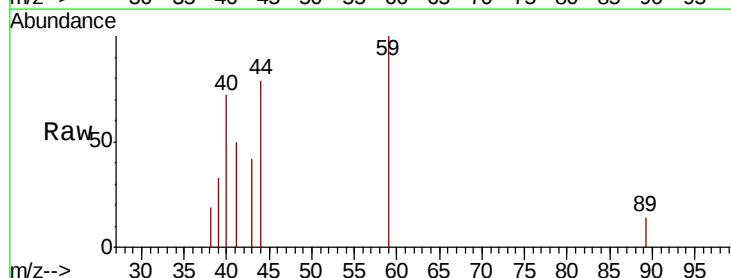
Acq: 01 Jul 2019 16:42

Tgt Ion: 59 Resp: 1715

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

400

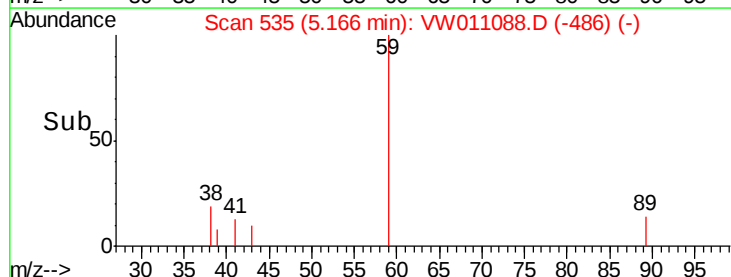
300

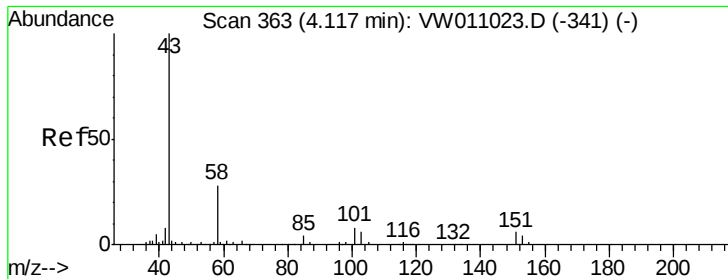
200

100

0

Time--> 5.00 5.10 5.20

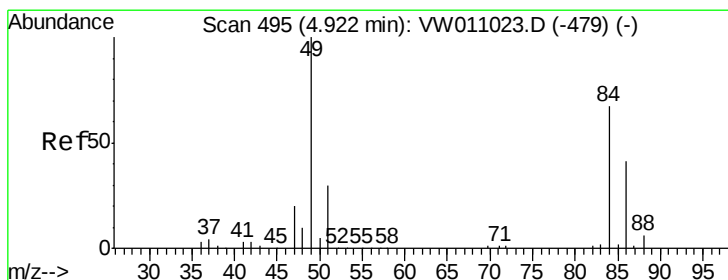
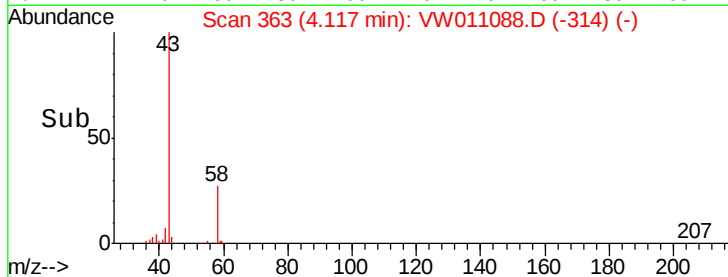
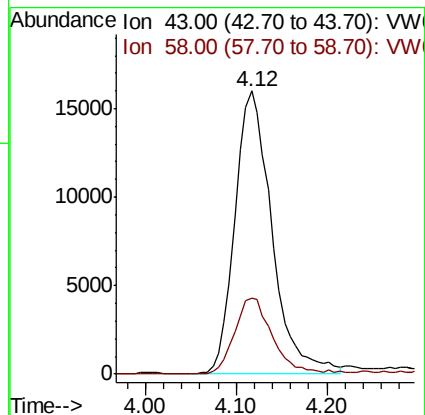
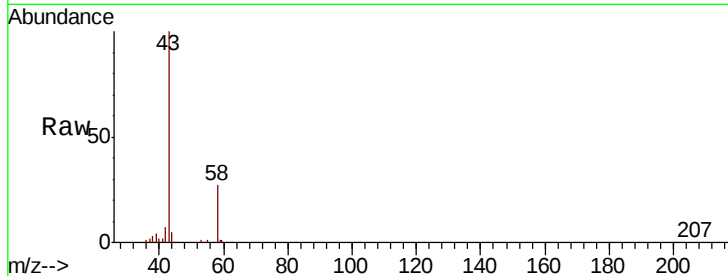




#16
Acetone
Concen: 71.693 ug/l
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW011088.D
Acq: 01 Jul 2019 16:42

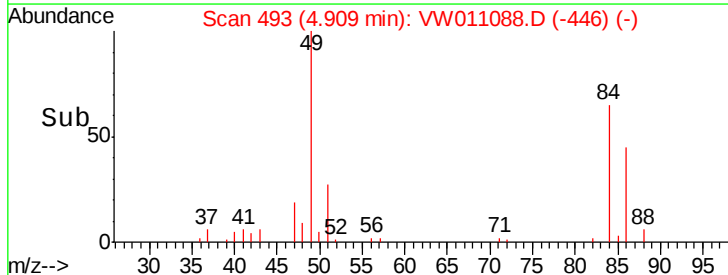
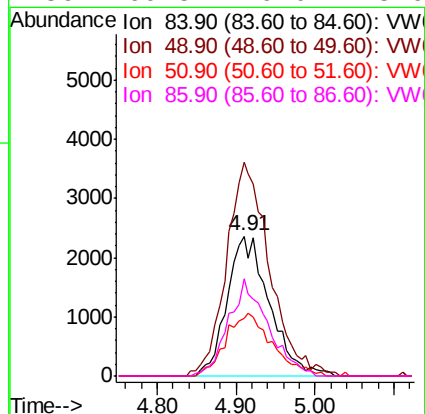
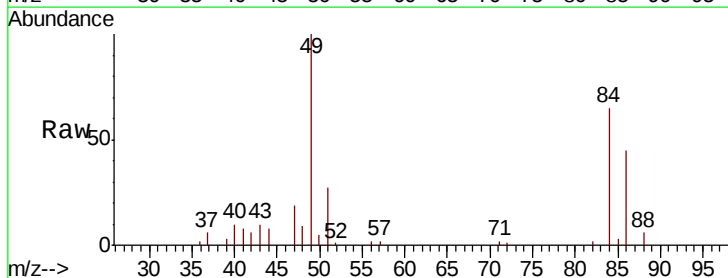
Instrument :
MSVOA_W
ClientSampleId :
SAMPLE-9

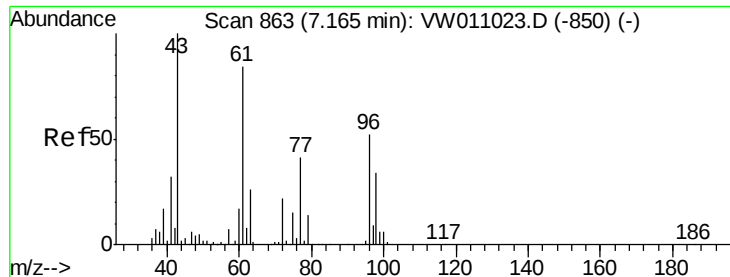
Tot Ion: 43 Resp: 45433
Ion Ratio Lower Upper
43 100
58 26.7 22.5 33.7



#20
Methylene Chloride
Concen: 3.412 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011088.D
Acq: 01 Jul 2019 16:42

Tgt Ion: 84 Resp: 8786
Ion Ratio Lower Upper
84 100
49 153.1 119.6 179.4
51 41.5 35.6 53.4
86 69.5 49.0 73.6





#25

2-Butanone

Concen: 2.479 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW011088.D

Acq: 01 Jul 2019 16:42

Instrument :

MSVOA_W

ClientSampleId :

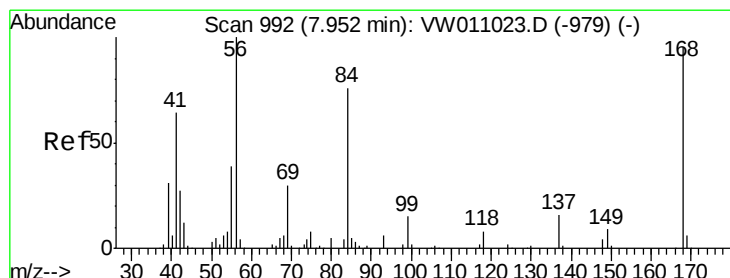
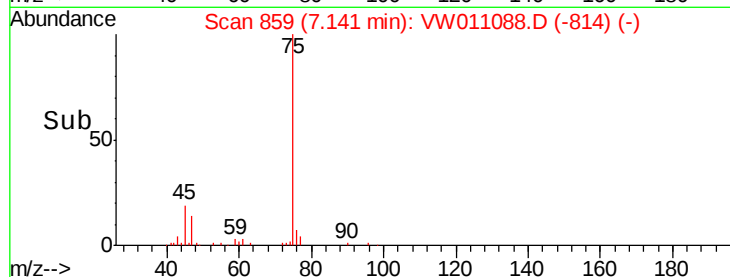
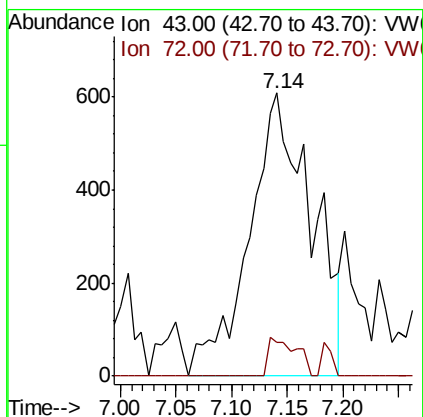
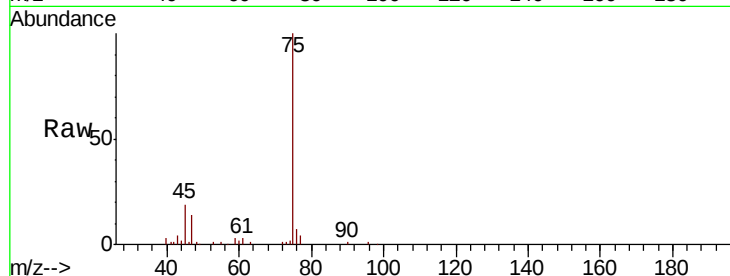
SAMPLE-9

Tot Ion: 43 Resp: 2388

Ion Ratio Lower Upper

43 100

72 12.2 17.2 25.8#



#31

Cyclohexane

Concen: 1.072 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW011088.D

Acq: 01 Jul 2019 16:42

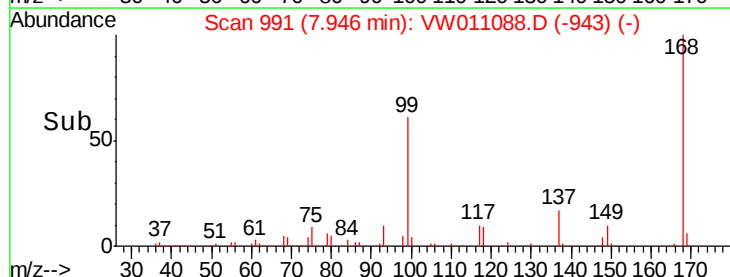
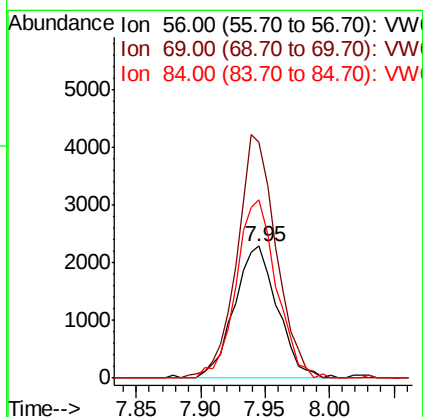
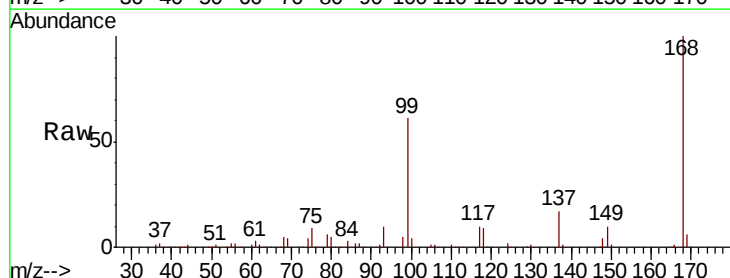
Tgt Ion: 56 Resp: 5322

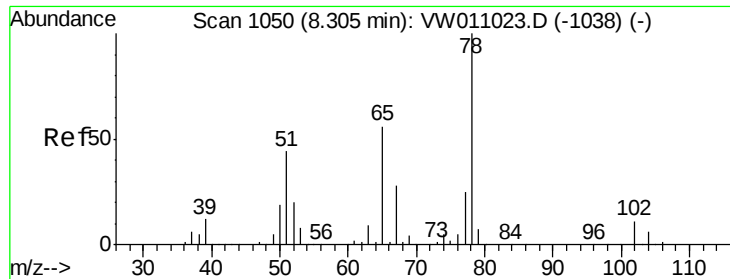
Ion Ratio Lower Upper

56 100

69 179.4 24.2 36.2#

84 135.7 60.6 90.8#

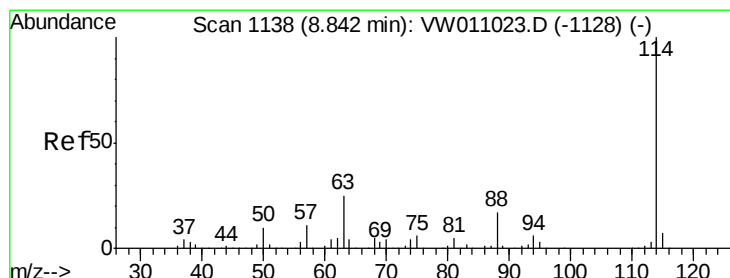
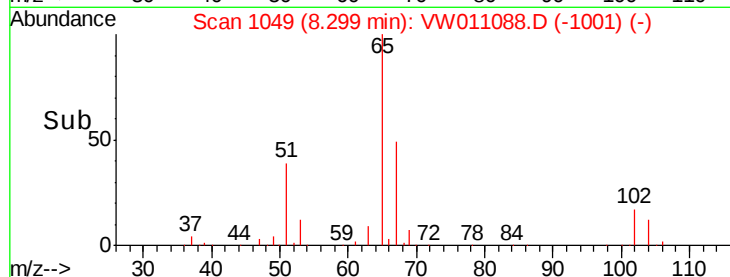
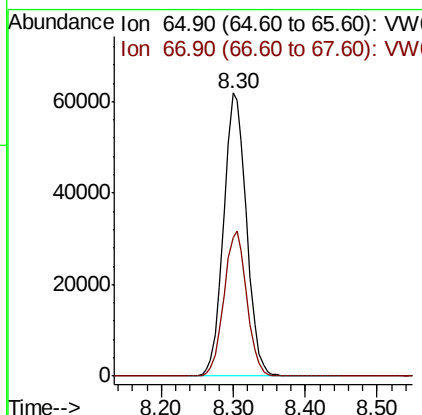
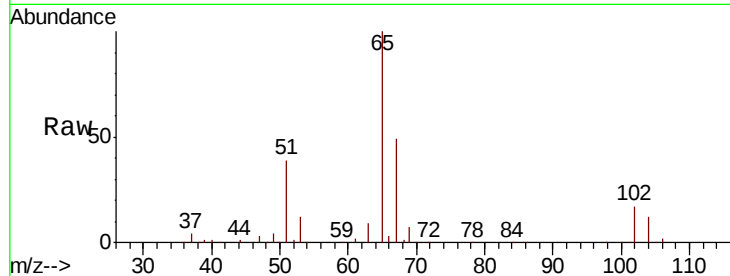




#33
 1,2-Dichloroethane-d4
 Concen: 52.630 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW011088.D
 Acq: 01 Jul 2019 16:42

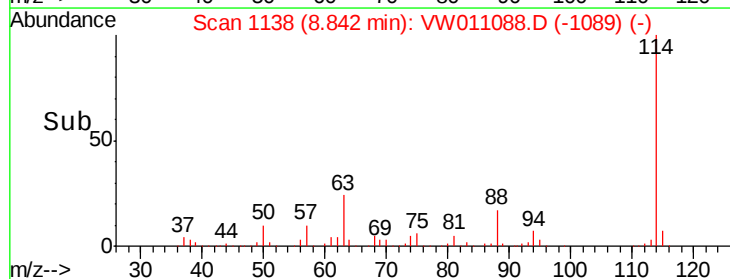
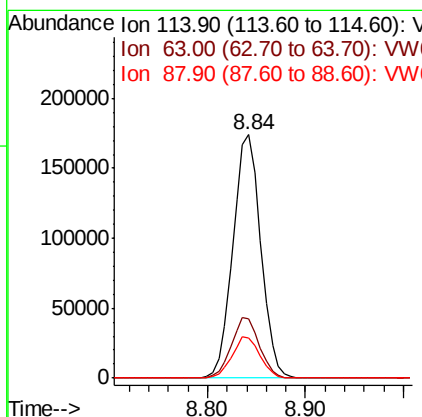
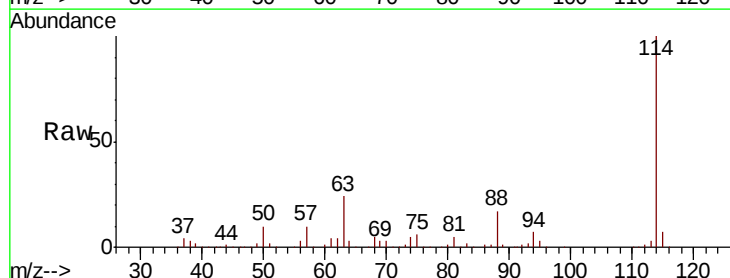
Instrument :
 MSVOA_W
 ClientSampleId :
 SAMPLE-9

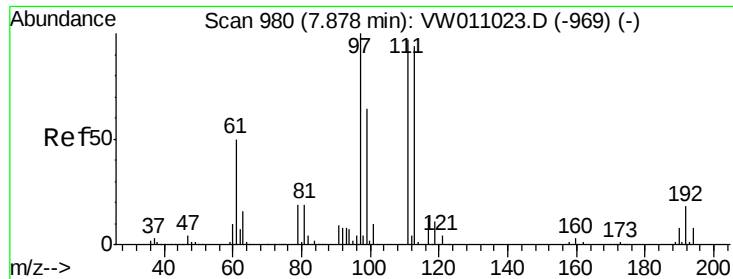
Tot Ion: 65 Resp: 136636
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011088.D
 Acq: 01 Jul 2019 16:42

Tgt Ion: 114 Resp: 343671
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 50.6
 88 16.6 0.0 34.0

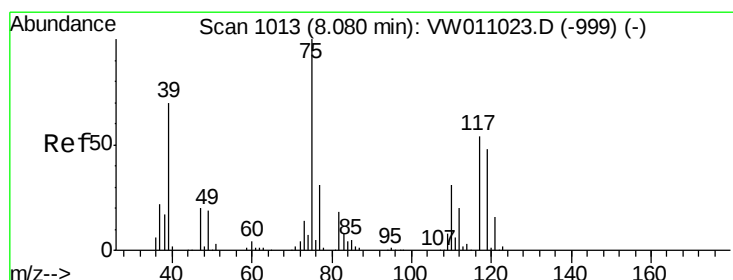
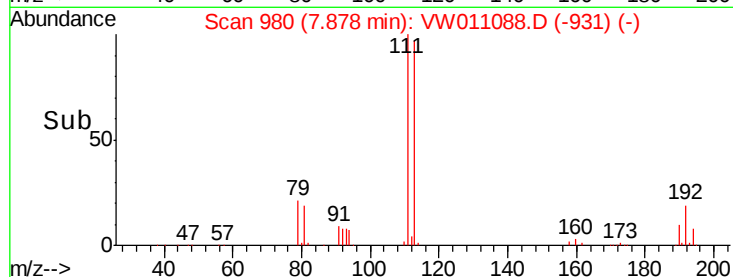
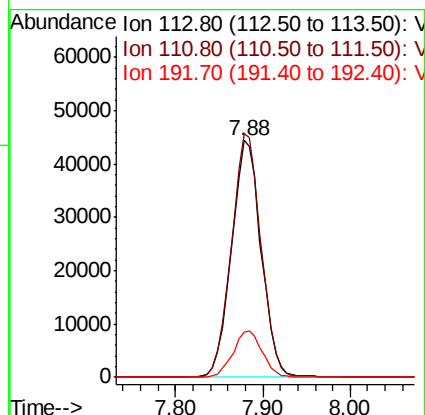
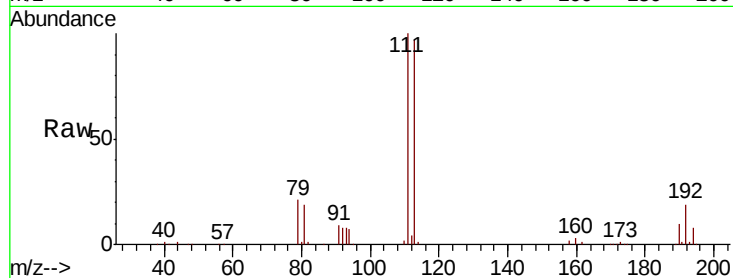




#35
 Dibromofluoromethane
 Concen: 49.889 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW011088.D
 Acq: 01 Jul 2019 16:42

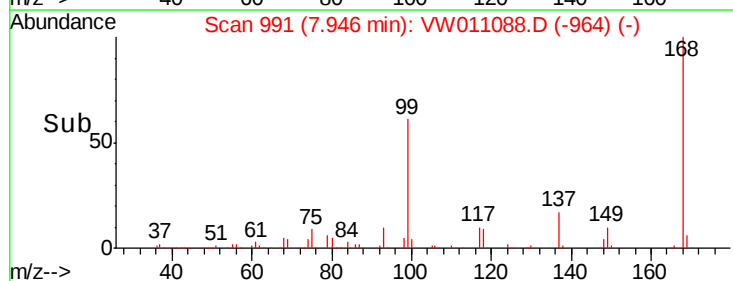
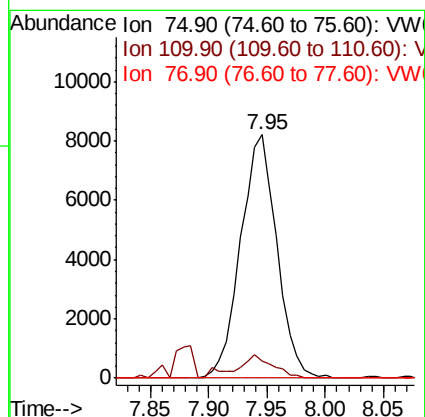
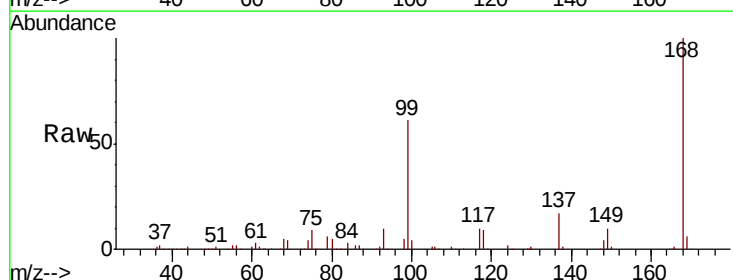
Instrument :
 MSVOA_W
 ClientSampleId :
 SAMPLE-9

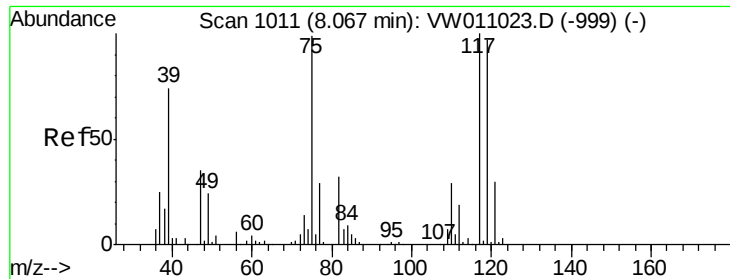
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.8	125.6
192	19.5	16.0	24.0



#36
 1,1-Dichloropropene
 Concen: 4.838 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011088.D
 Acq: 01 Jul 2019 16:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.0	15.5	46.5#
77	0.0	24.9	37.3#

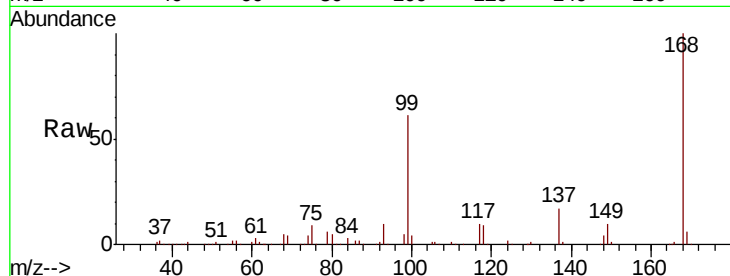




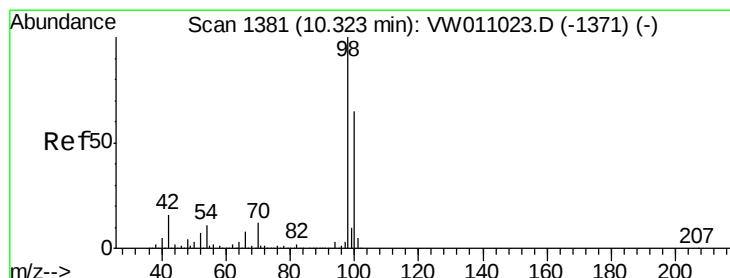
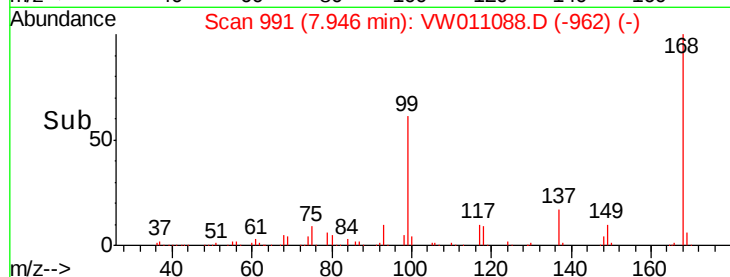
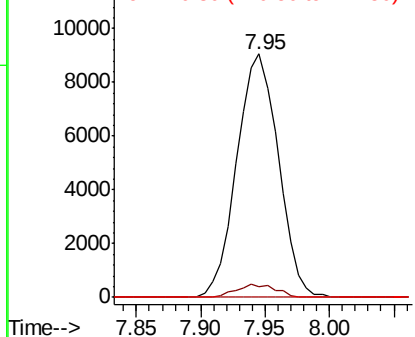
#38
Carbon Tetrachloride
Concen: 6.656 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW011088.D
Acq: 01 Jul 2019 16:42

Instrument :
MSVOA_W
ClientSampleId :
SAMPLE-9

Tot Ion:117 Resp: 20248
Ion Ratio Lower Upper
117 100
119 4.4 77.7 116.5#
121 0.0 23.9 35.9#

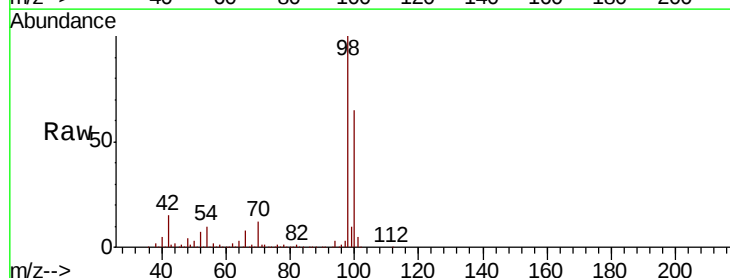


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

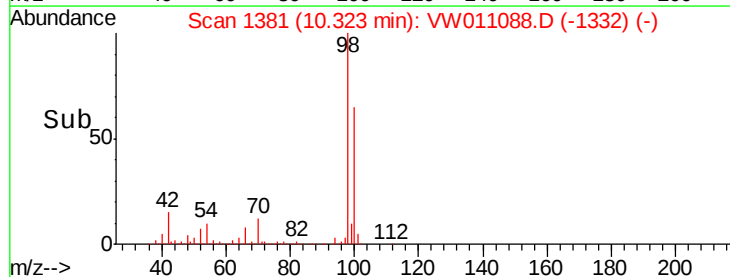
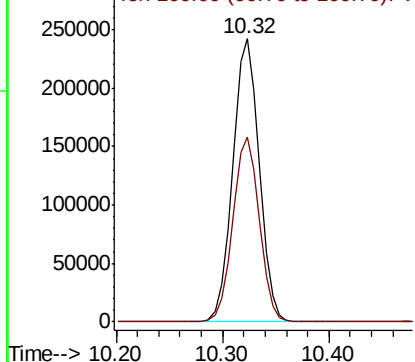


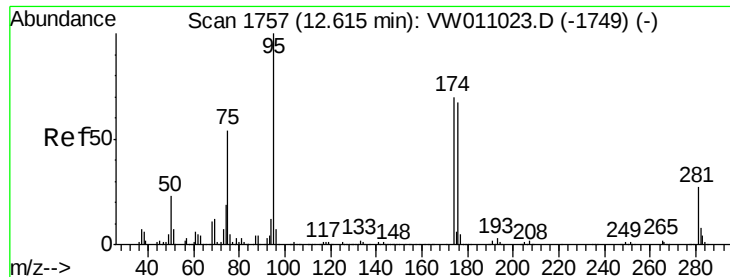
#50
Toluene-d8
Concen: 48.981 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011088.D
Acq: 01 Jul 2019 16:42

Tgt Ion: 98 Resp: 423120
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5



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





#62

4-Bromofluorobenzene

Concen: 41.586 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW011088.D

Acq: 01 Jul 2019 16:42

Instrument :

MSVOA_W

ClientSampleId :

SAMPLE-9

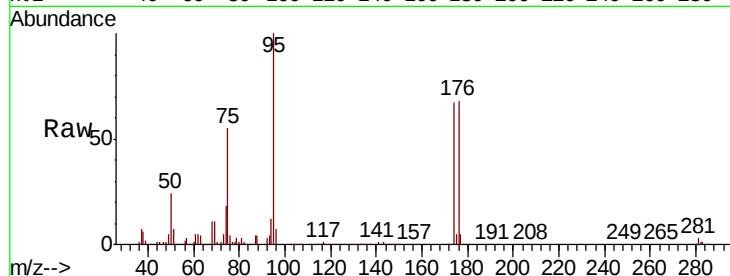
Tot Ion: 95 Resp: 131390

Ion Ratio Lower Upper

95 100

174 72.4 0.0 149.2

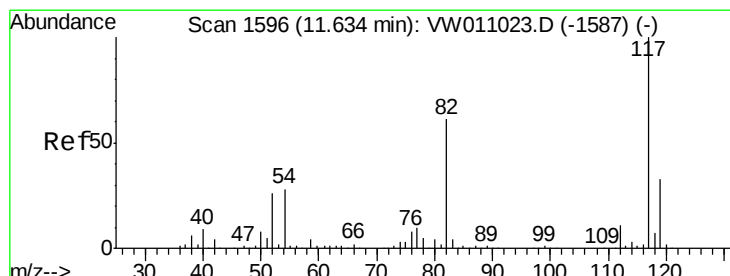
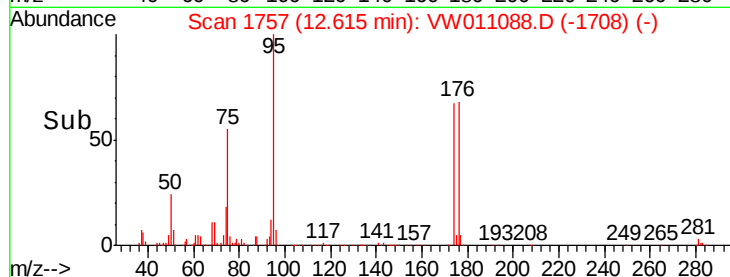
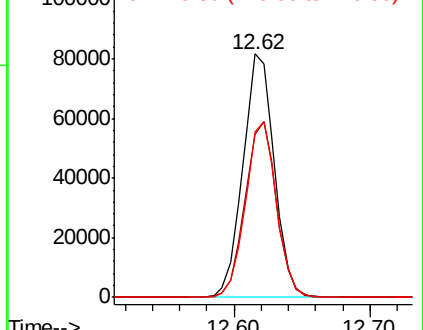
176 71.1 0.0 143.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW011088.D

Acq: 01 Jul 2019 16:42

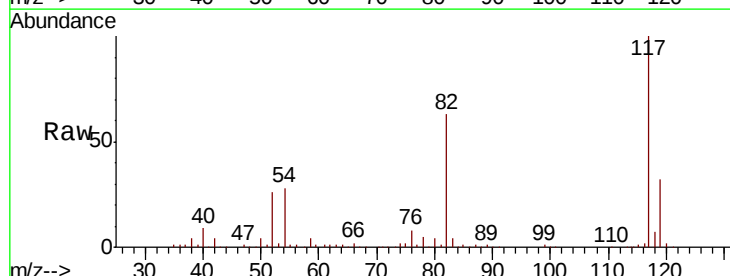
Tgt Ion: 117 Resp: 281714

Ion Ratio Lower Upper

117 100

82 63.2 48.6 73.0

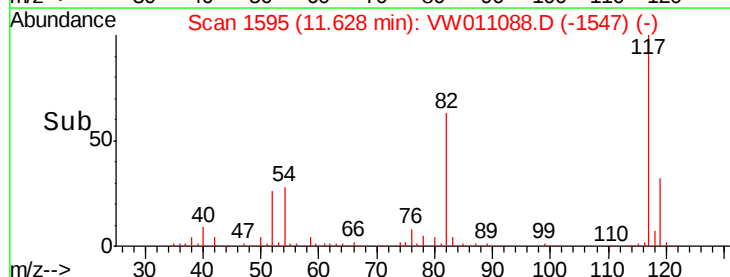
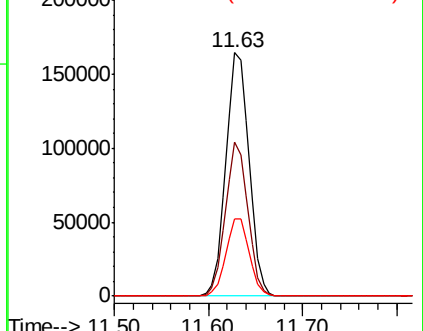
119 31.5 26.1 39.1

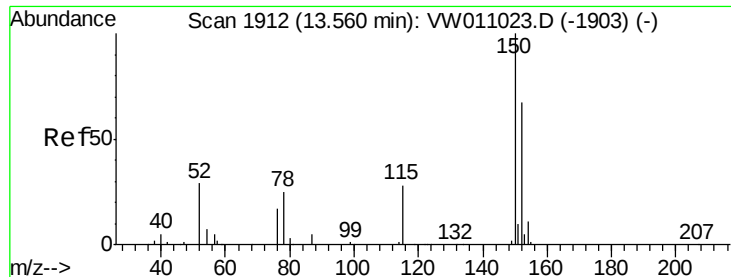


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011088.D

Acq: 01 Jul 2019 16:42

Instrument :

MSVOA_W

ClientSampled :

SAMPLE-9

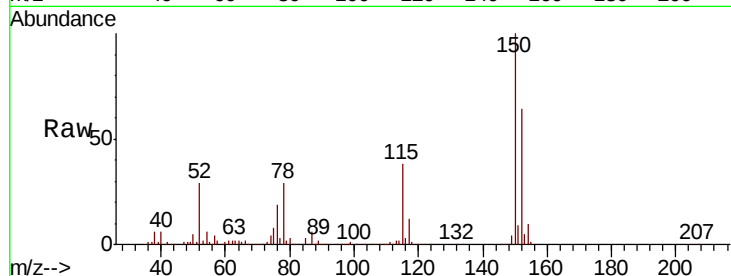
Tot Ion:152 Resp: 108405

Ion Ratio Lower Upper

152 100

115 60.6 30.7 92.1

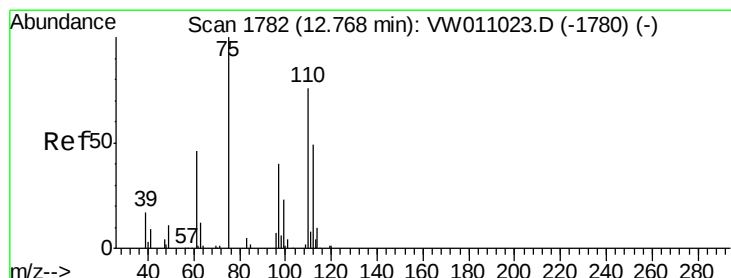
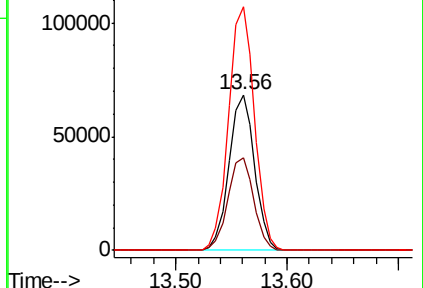
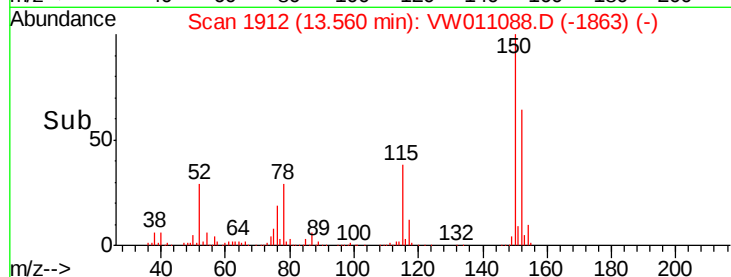
150 158.5 0.0 341.8



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: 61.837 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011088.D

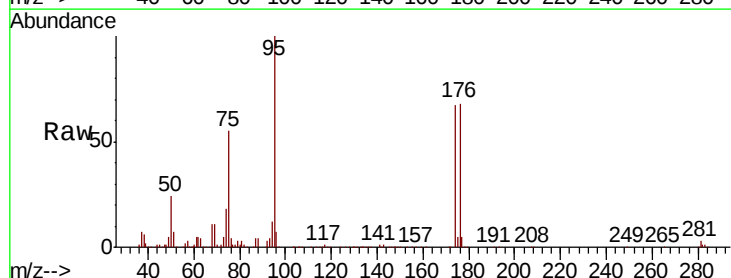
Acq: 01 Jul 2019 16:42

Tgt Ion: 75 Resp: 70771

Ion Ratio Lower Upper

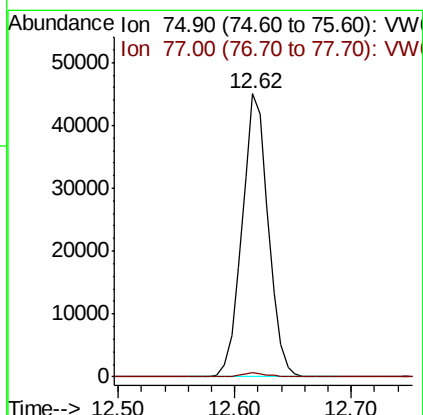
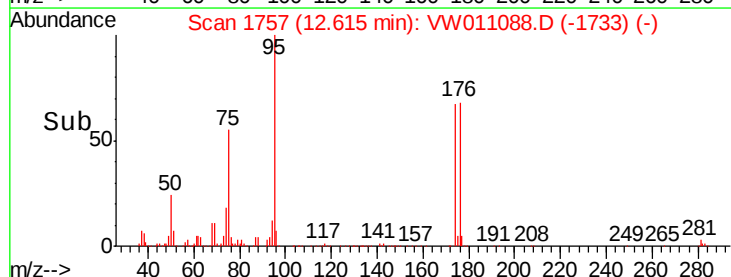
75 100

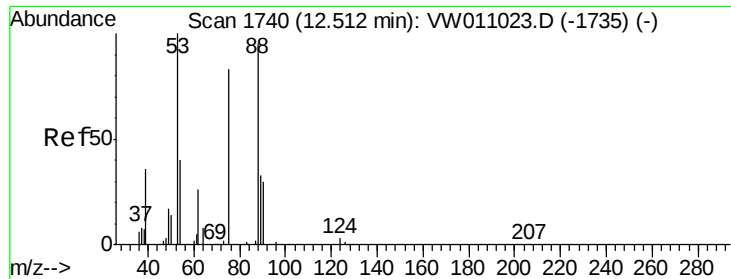
77 1.3 0.0 0.0#



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: 124.880 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011088.D

Acq: 01 Jul 2019 16:42

Instrument :

MSVOA_W

ClientSampleId :

SAMPLE-9

Tot Ion: 75 Resp: 70771

Ion Ratio Lower Upper

75 100

53 0.0 95.6 143.4#

89 0.0 34.4 51.6#

