

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061919\
 Data File : VW010859.D
 Acq On : 19 Jun 2019 19:06
 Operator : SY/VA
 Sample : K3421-05
 Misc : 3.52G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SAMPLE-2

Quant Time: Jun 20 05:49:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	249392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	430208	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	379963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	175719	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	150869	51.32	ug/l	0.00
Spiked Amount						
						Recovery = 102.64%
35) Dibromofluoromethane	7.88	113	115401	49.42	ug/l	0.00
Spiked Amount						
						Recovery = 98.84%
50) Toluene-d8	10.32	98	484935	47.36	ug/l	0.00
Spiked Amount						
						Recovery = 94.72%
62) 4-Bromofluorobenzene	12.62	95	177402	47.61	ug/l	0.00
Spiked Amount						
						Recovery = 95.22%

Target Compounds

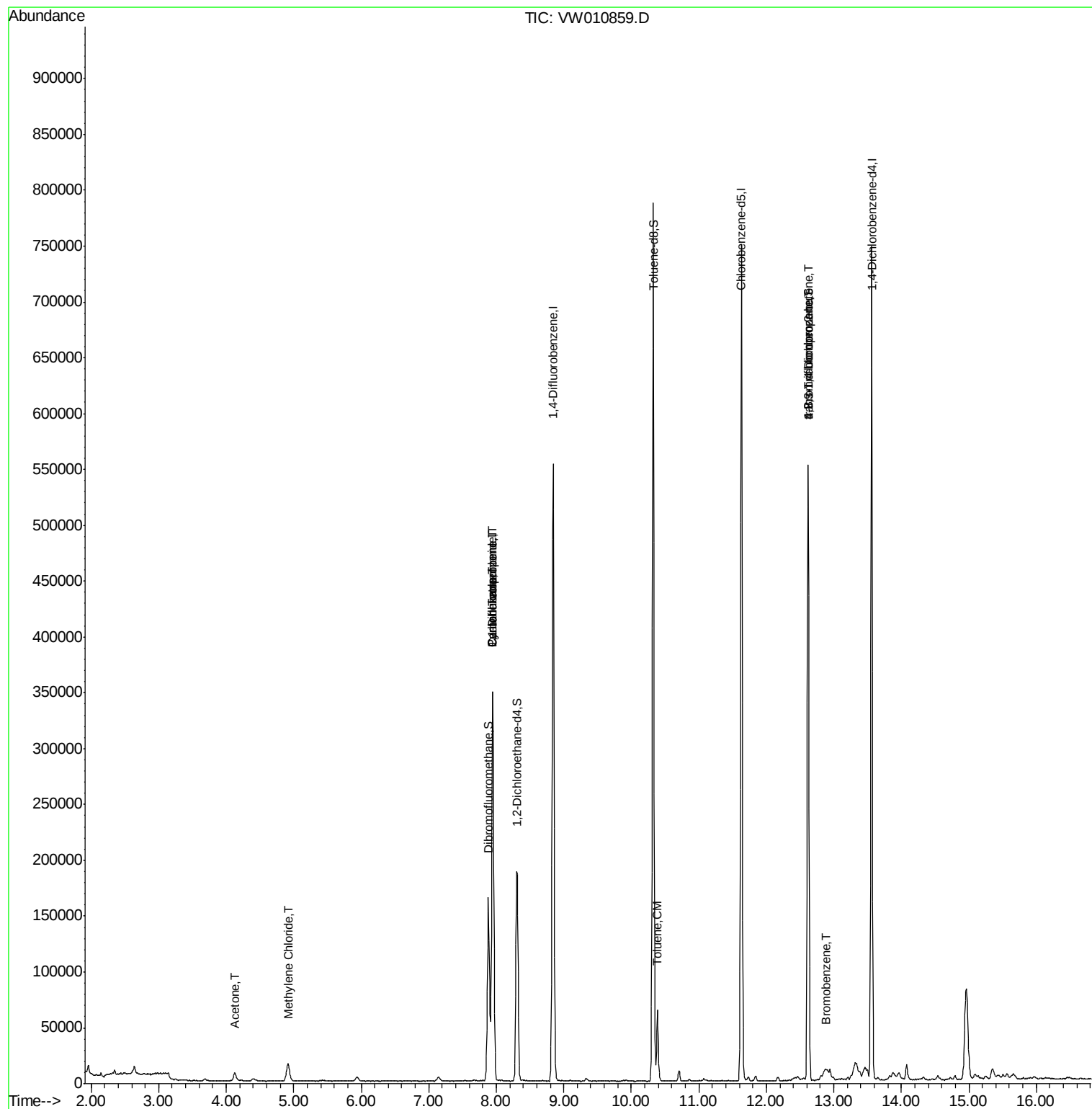
						Qvalue
16) Acetone	4.13	43	13781	17.497	ug/l	95
20) Methylene Chloride	4.92	84	10827	3.918	ug/l	96
31) Cyclohexane	7.95	56	7295	1.230	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	22695	5.154	ug/l #	52
38) Carbon Tetrachloride	7.95	117	25420	6.687	ug/l #	18
52) Toluene	10.39	92	24771	3.351	ug/l	100
76) 1,2,3-Trichloropropane	12.62	75	97531	52.854	ug/l #	100
77) Bromobenzene	12.88	156	7470	2.592	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	97531	121.476	ug/l #	5

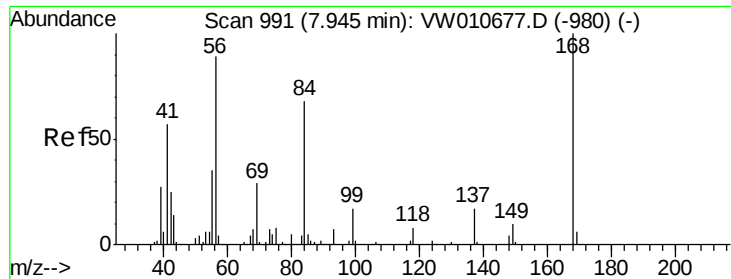
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061919\
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Quant Time: Jun 20 05:49:17 2019
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Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 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: VW010859.D

Acq: 19 Jun 2019 19:06

Instrument :

MSVOA_W

ClientSampleId :

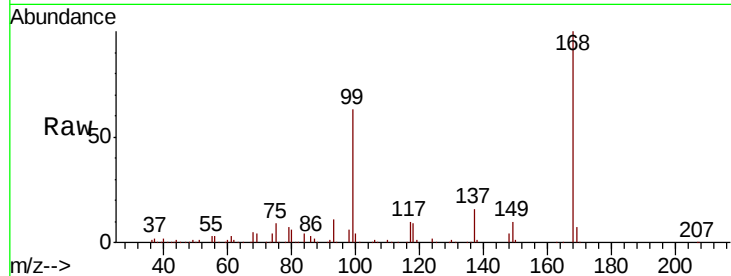
SAMPLE-2

Tot Ion:168 Resp: 249392

Ion Ratio Lower Upper

168 100

99 63.3 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

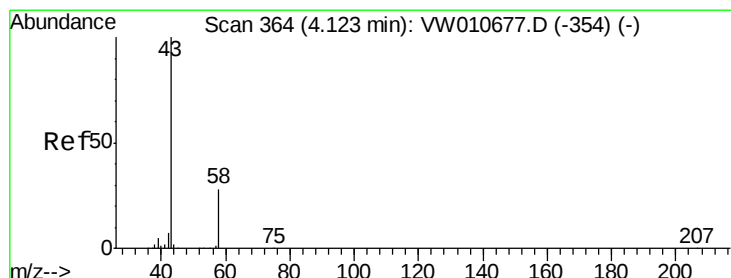
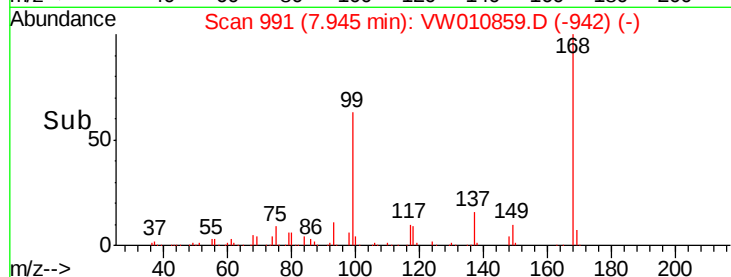
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 17.497 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010859.D

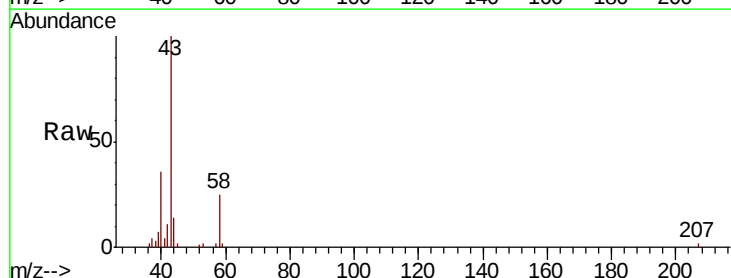
Acq: 19 Jun 2019 19:06

Tgt Ion: 43 Resp: 13781

Ion Ratio Lower Upper

43 100

58 24.7 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

5000

4000

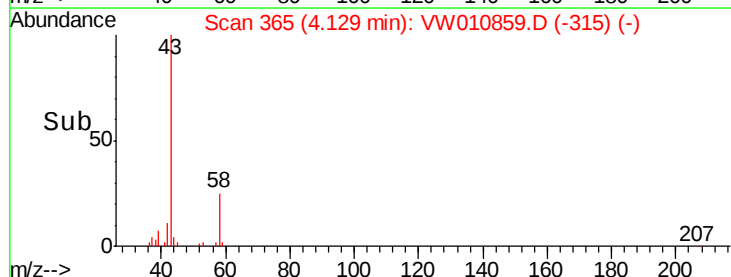
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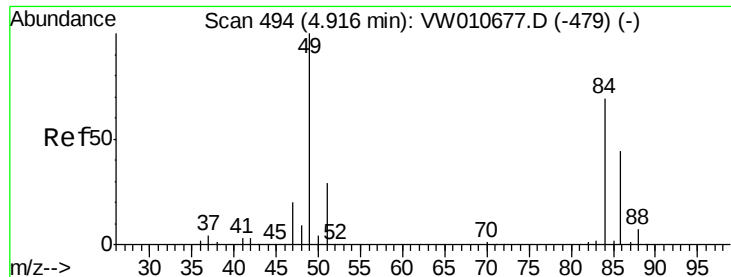
2000

1000

0

Time-->

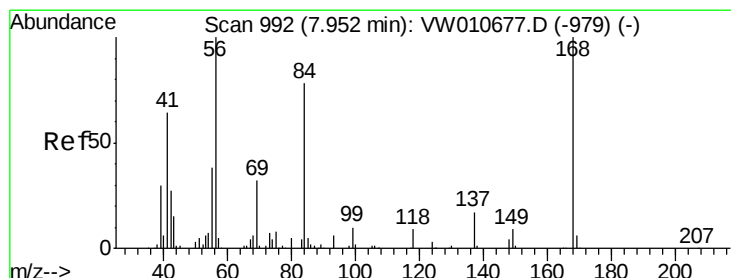
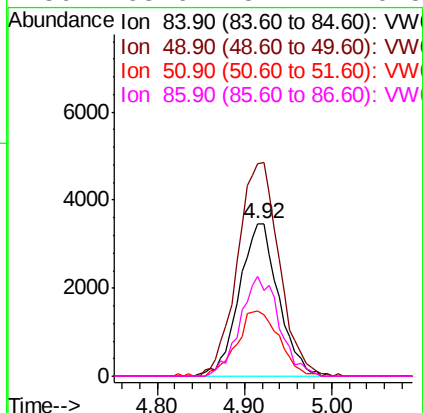
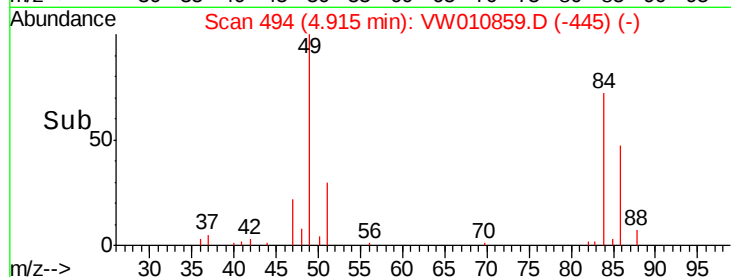
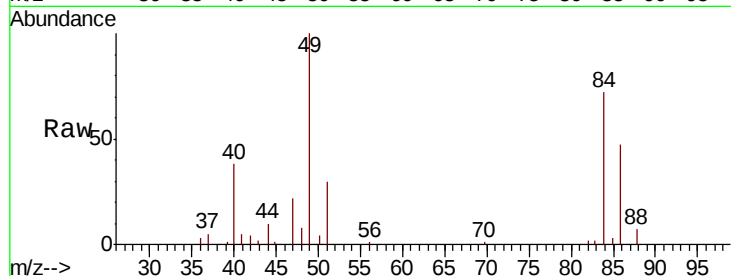




#20
Methvlene Chloride
Concen: 3.918 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW010859.D
Acq: 19 Jun 2019 19:06

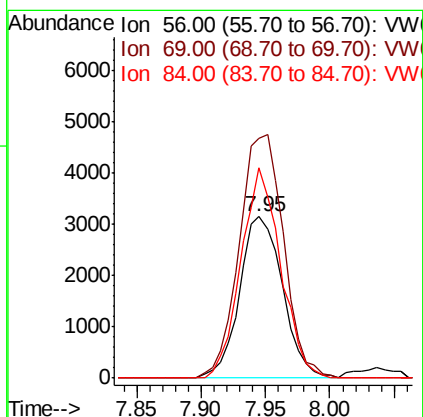
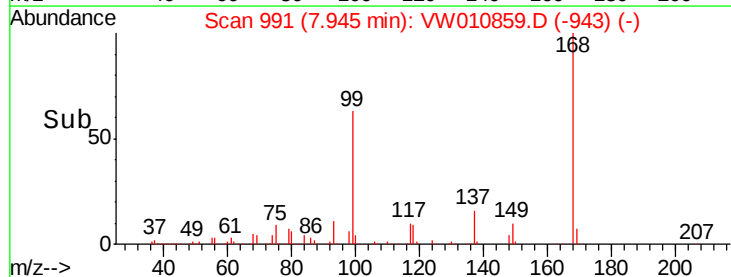
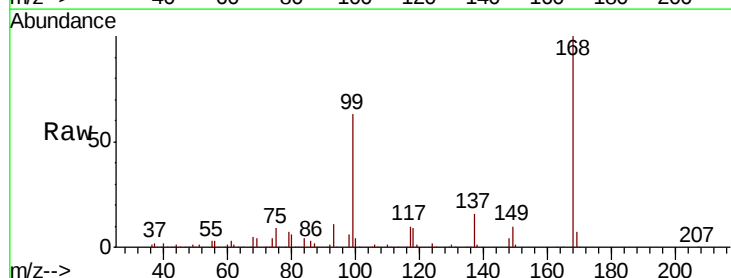
Instrument :
MSVOA_W
ClientSampleId :
SAMPLE-2

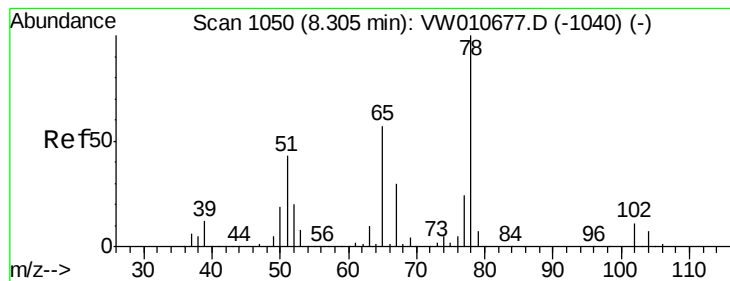
Tot Ion: 84 Resp: 10827
Ion Ratio Lower Upper
84 100
49 139.6 116.7 175.1
51 42.5 34.2 51.2
86 65.6 51.2 76.8



#31
Cyclohexane
Concen: 1.230 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW010859.D
Acq: 19 Jun 2019 19:06

Tgt Ion: 56 Resp: 7295
Ion Ratio Lower Upper
56 100
69 148.2 25.2 37.8#
84 130.2 62.2 93.2#





#33

1,2-Dichloroethane-d4

Concen: 51.325 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010859.D

Acq: 19 Jun 2019 19:06

Instrument :

MSVOA_W

ClientSampleId :

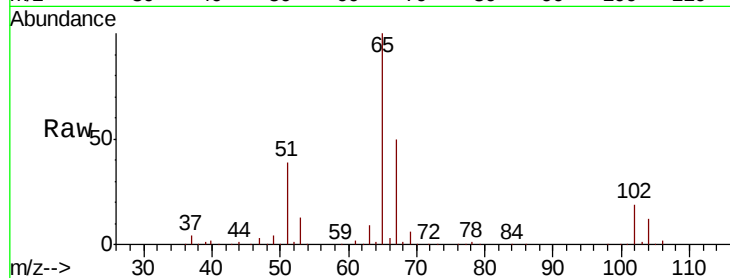
SAMPLE-2

Tot Ion: 65 Resp: 150869

Ion Ratio Lower Upper

65 100

67 50.9 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

60000

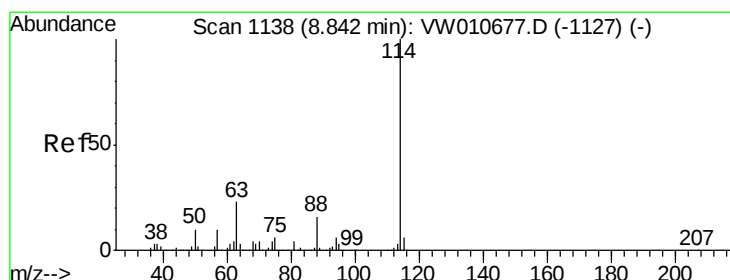
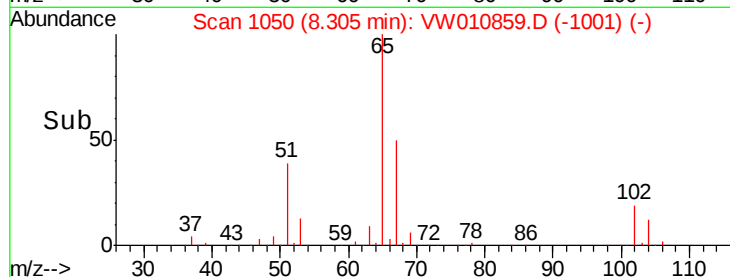
40000

20000

0

8.20 8.30 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010859.D

Acq: 19 Jun 2019 19:06

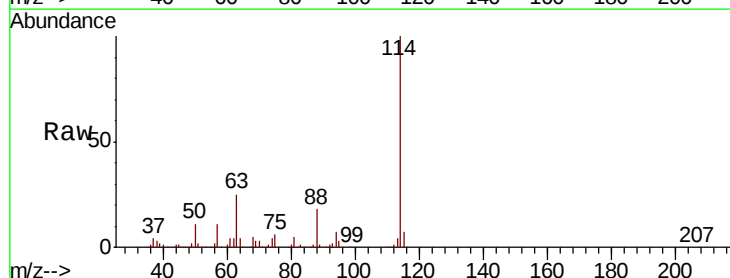
Tgt Ion: 114 Resp: 430208

Ion Ratio Lower Upper

114 100

63 25.5 0.0 46.4

88 17.6 0.0 32.2



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

8.84

300000

250000

200000

150000

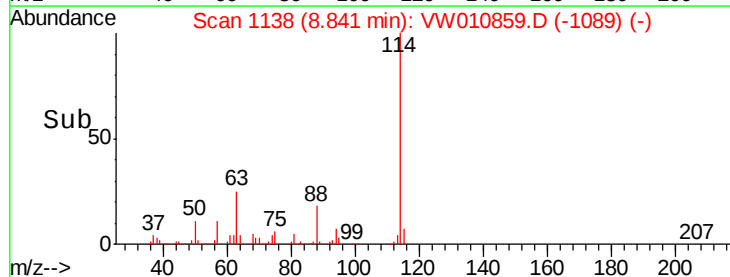
100000

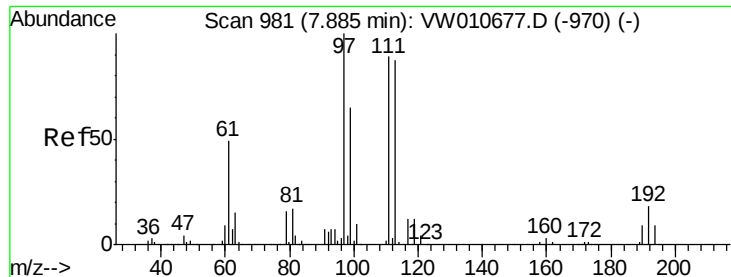
50000

0

8.70 8.80 8.90 9.00

Time-->

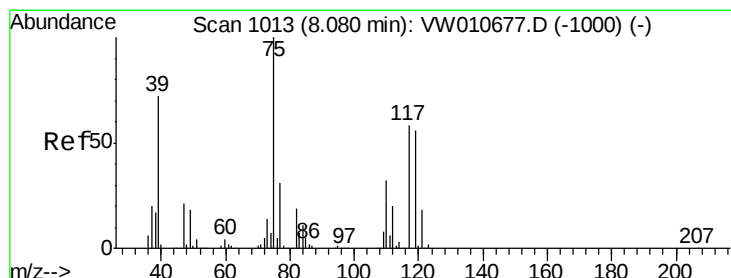
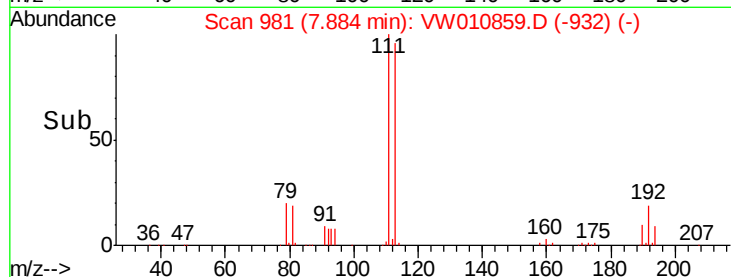
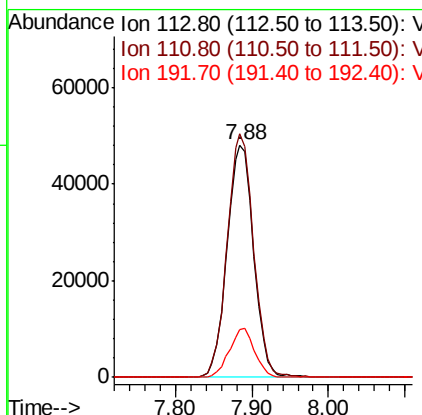
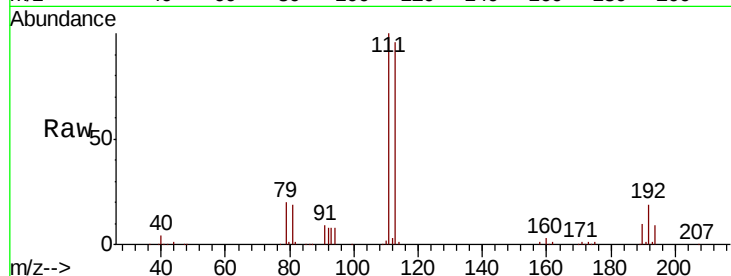




#35
 Dibromofluoromethane
 Concen: 49.421 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010859.D
 Acq: 19 Jun 2019 19:06

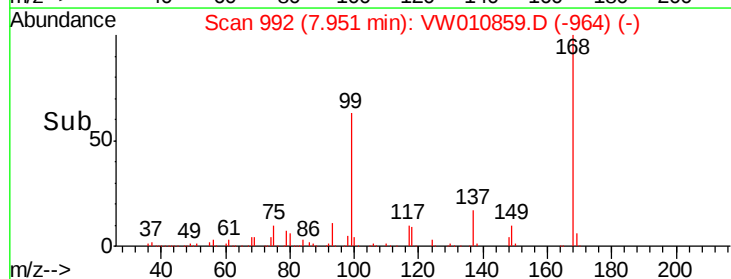
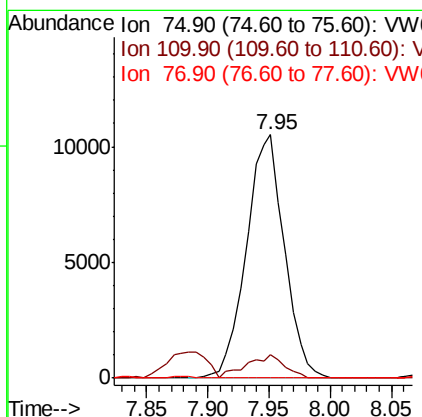
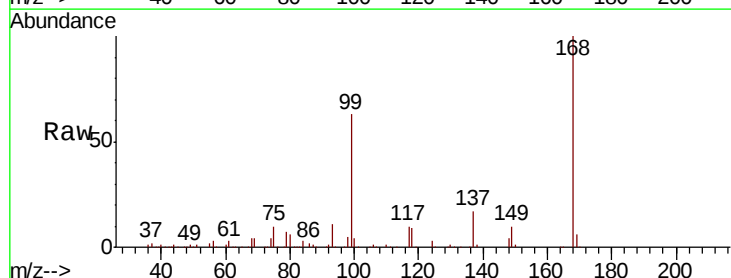
Instrument :
 MSVOA_W
 ClientSampleId :
 SAMPLE-2

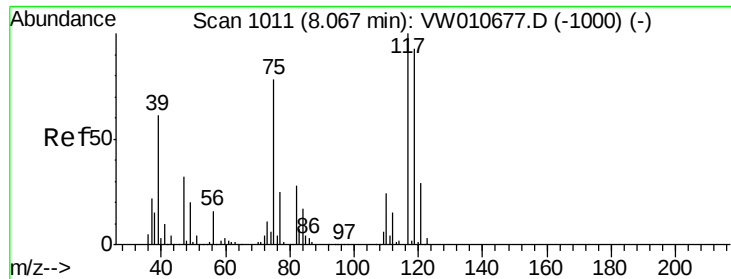
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.6	123.8
192	19.9	16.4	24.6



#36
 1,1-Dichloropropene
 Concen: 5.154 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW010859.D
 Acq: 19 Jun 2019 19:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.5	15.8	47.3#
77	0.0	24.7	37.1#

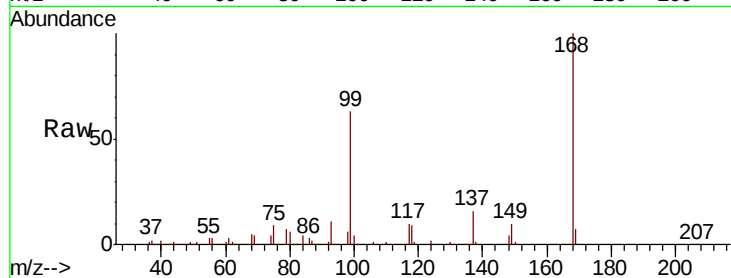




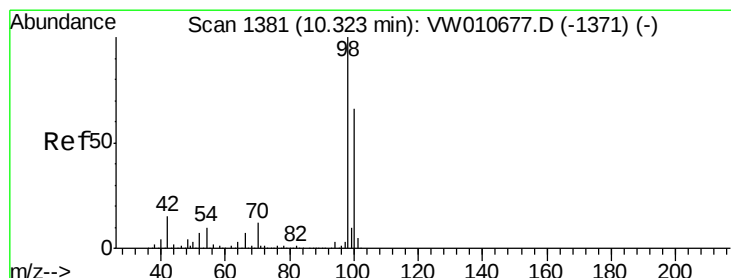
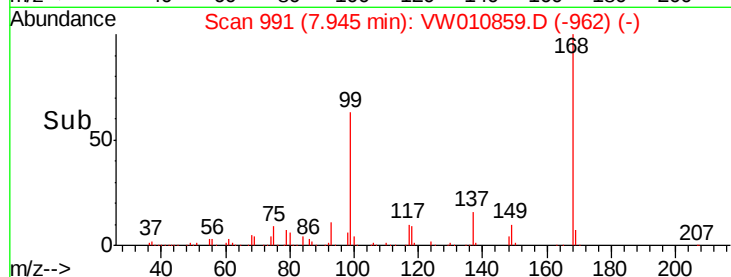
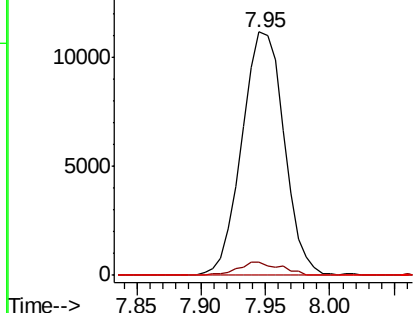
#38
Carbon Tetrachloride
Concen: 6.687 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW010859.D
Acq: 19 Jun 2019 19:06

Instrument :
MSVOA_W
ClientSampleId :
SAMPLE-2

Tot Ion:117 Resp: 25420
Ion Ratio Lower Upper
117 100
119 5.3 74.2 111.4#
121 0.0 22.9 34.3#

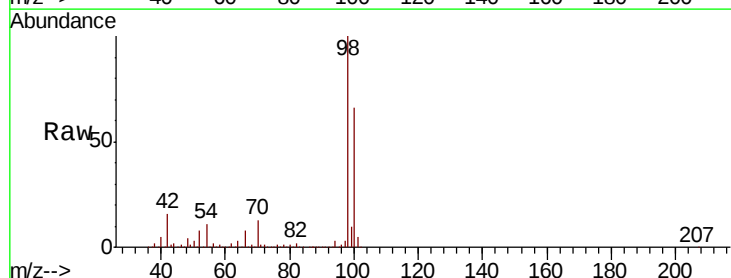


Abundance Ion 116.80 (116.50 to 117.50): V
15000 Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

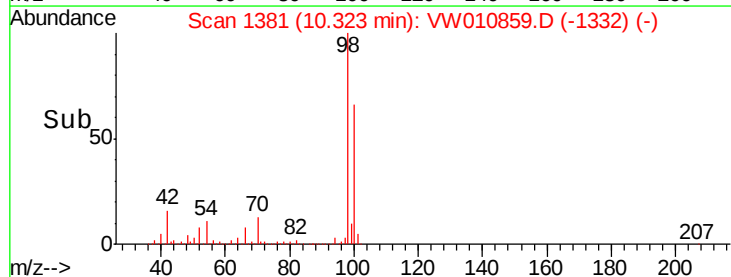
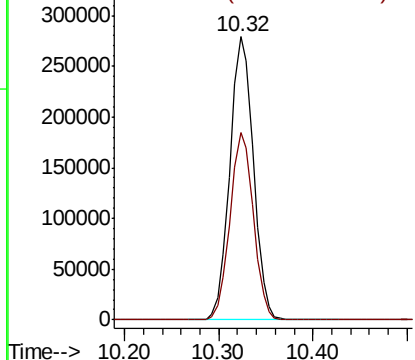


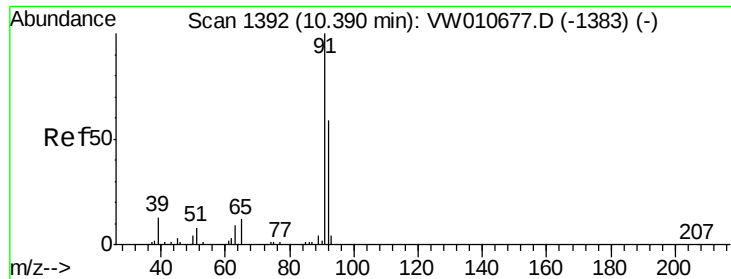
#50
Toluene-d8
Concen: 47.359 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010859.D
Acq: 19 Jun 2019 19:06

Tgt Ion: 98 Resp: 484935
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VW
300000 Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 3.351 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010859.D

Acq: 19 Jun 2019 19:06

Instrument :

MSVOA_W

ClientSampled :

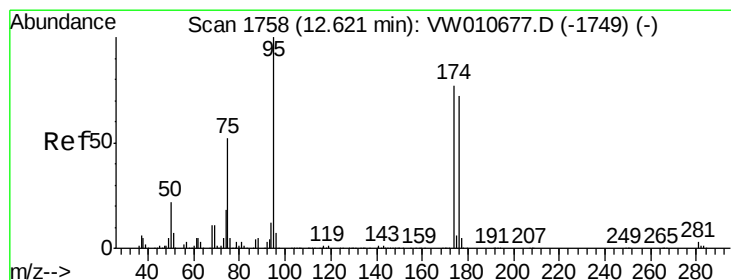
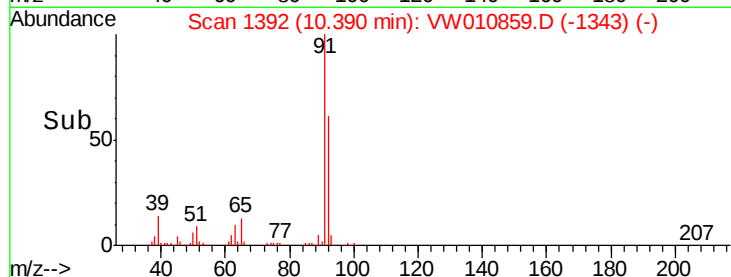
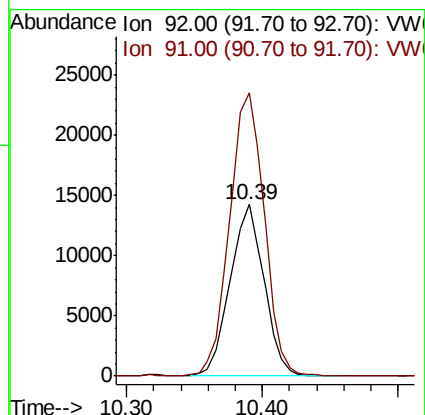
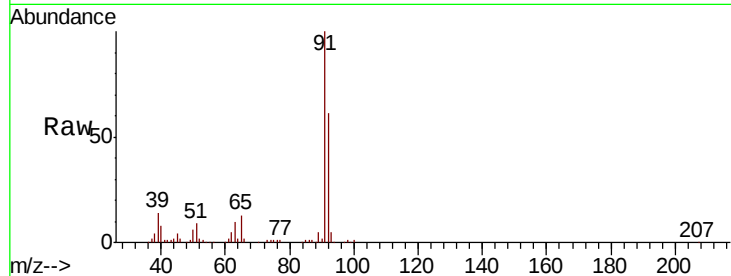
SAMPLE-2

Tot Ion: 92 Resp: 24771

Ion Ratio Lower Upper

92 100

91 168.9 134.9 202.3



#62

4-Bromofluorobenzene

Concen: 47.611 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010859.D

Acq: 19 Jun 2019 19:06

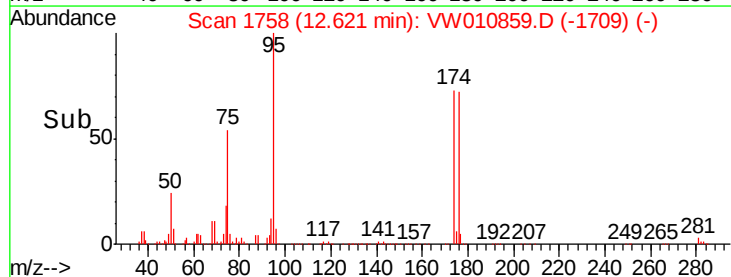
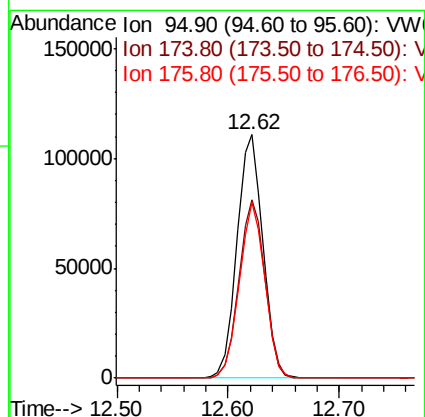
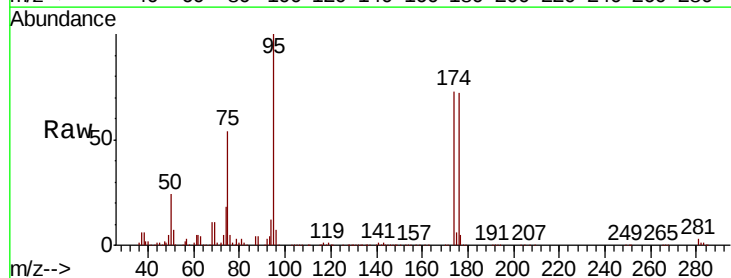
Tgt Ion: 95 Resp: 177402

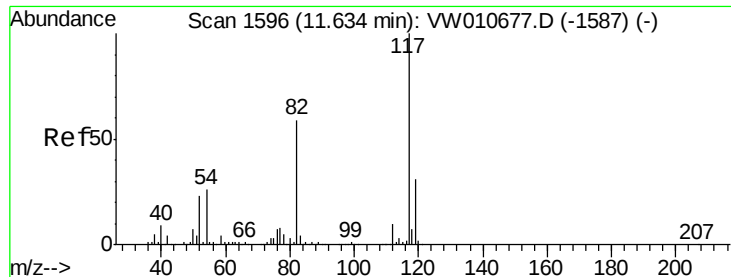
Ion Ratio Lower Upper

95 100

174 74.0 0.0 150.4

176 71.0 0.0 144.8

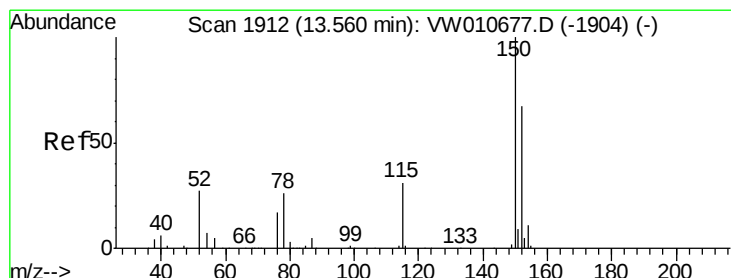
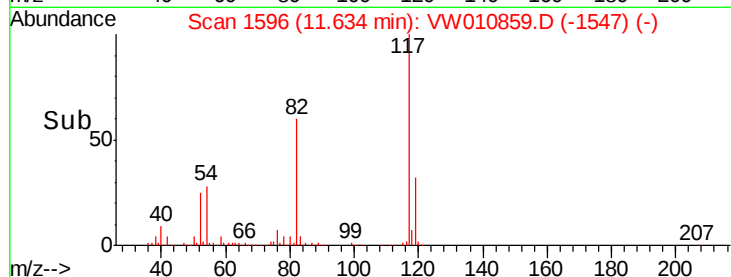
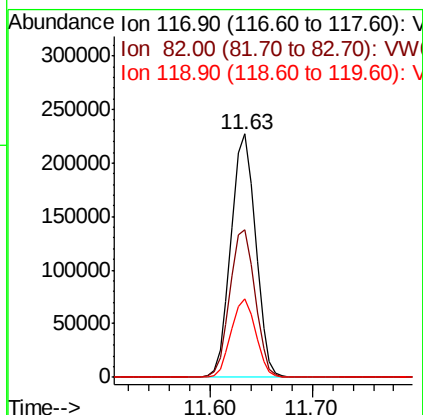
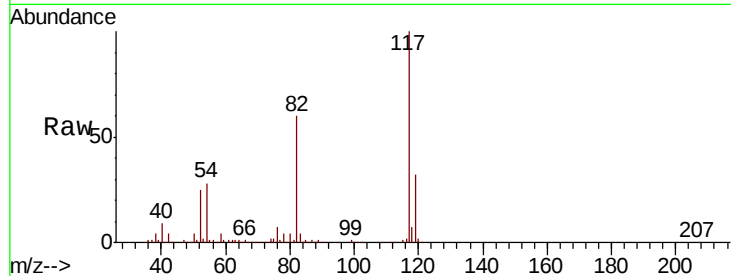




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010859.D
Acq: 19 Jun 2019 19:06

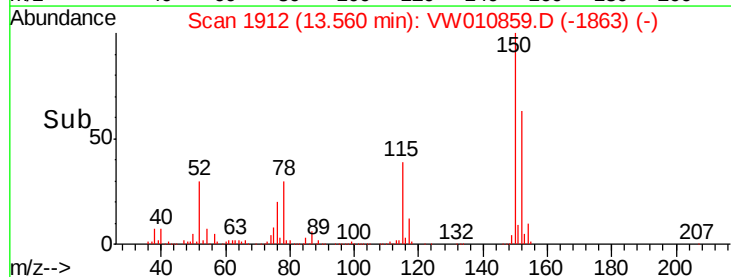
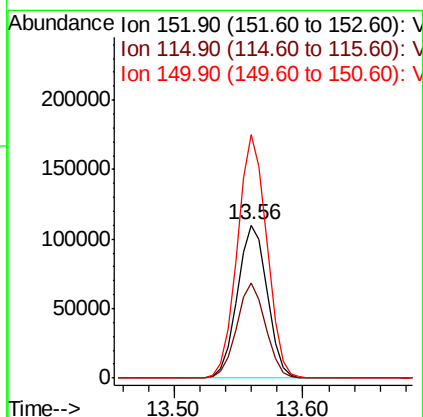
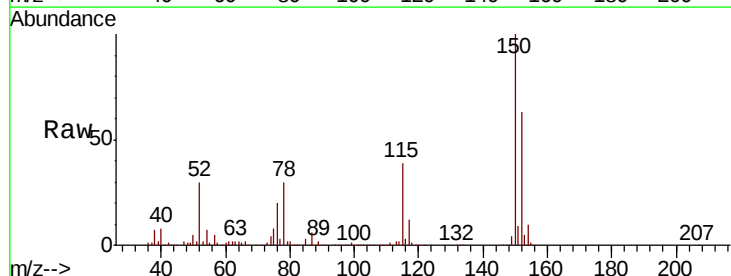
Instrument :
MSVOA_W
ClientSampleId :
SAMPLE-2

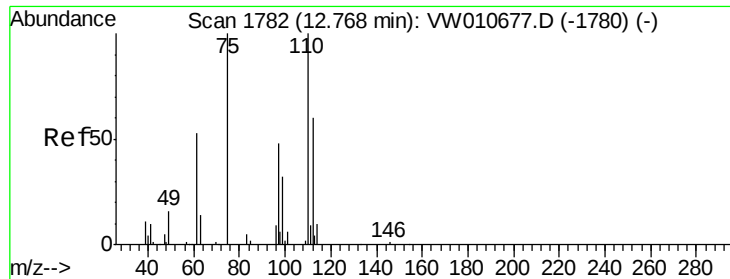
Tot Ion	Ratio	Lower	Upper
117	100		
82	60.5	47.0	70.4
119	32.3	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010859.D
Acq: 19 Jun 2019 19:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.3	29.8	89.3
150	156.9	0.0	345.0

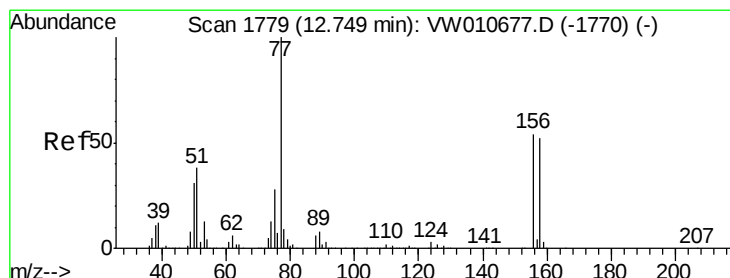
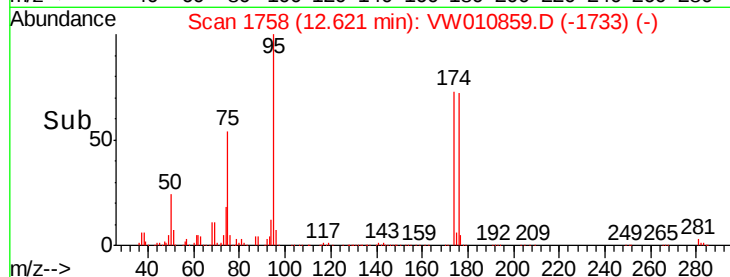
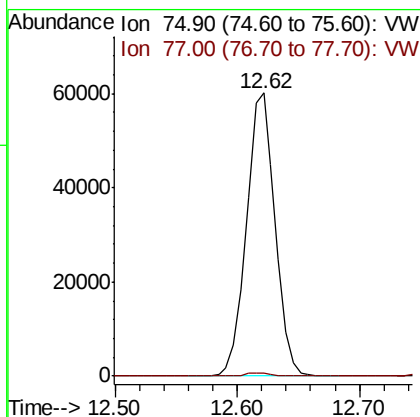
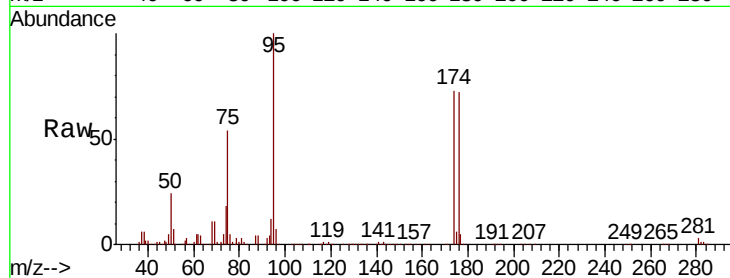




#76
 1,2,3-Trichloropropane
 Concen: 52.854 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW010859.D
 Acq: 19 Jun 2019 19:06

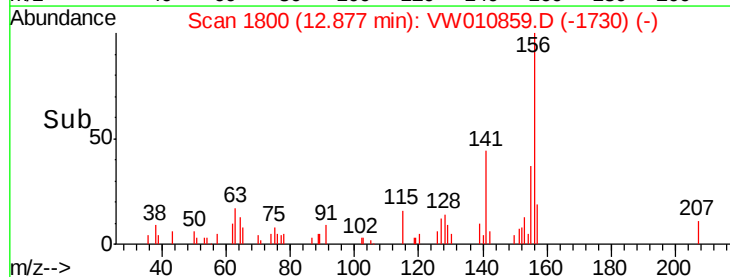
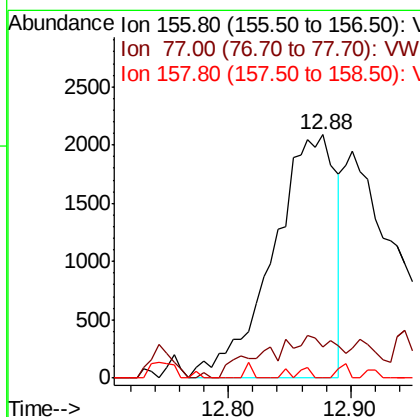
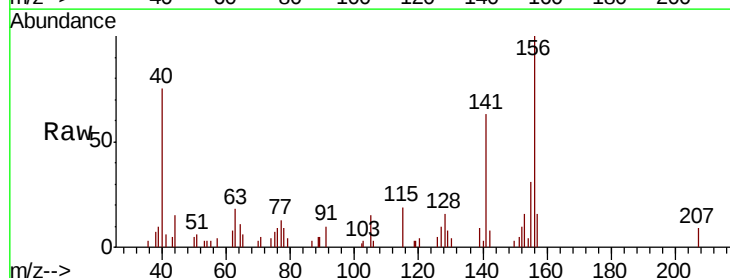
Instrument :
 MSVOA_W
 ClientSampled :
 SAMPLE-2

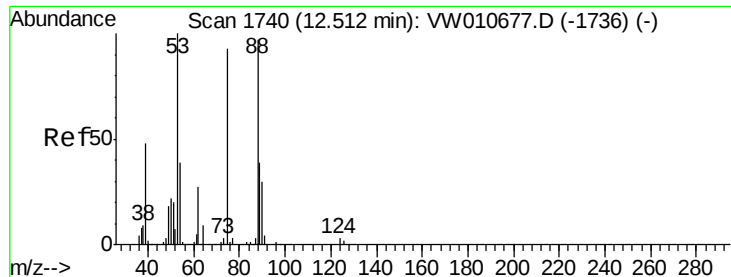
Tot Ion: 75 Resp: 97531
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#77
 Bromobenzene
 Concen: 2.592 ug/l
 RT: 12.88 min Scan# 1800
 Delta R.T. 0.13 min
 Lab File: VW010859.D
 Acq: 19 Jun 2019 19:06

Tgt Ion: 156 Resp: 7470
 Ion Ratio Lower Upper
 156 100
 77 9.7 106.5 319.4#
 158 1.2 48.3 144.9#





#81

trans-1,4-Dichloro-2-butene

Concen: 121.476 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010859.D

Acq: 19 Jun 2019 19:06

Instrument :

MSVOA_W

ClientSampleId :

SAMPLE-2

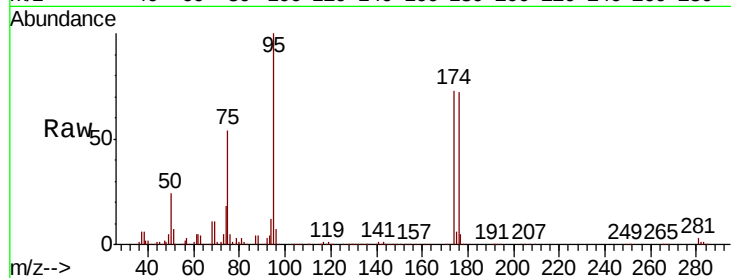
Tot Ion: 75 Resp: 97531

Ion Ratio Lower Upper

75 100

53 0.1 90.1 135.1#

89 0.0 34.6 52.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

