

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062019\
 Data File : VW010890.D
 Acq On : 20 Jun 2019 14:17
 Operator : SY/VA
 Sample : K3440-02RE
 Misc : 4.91G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 21 07:46:59 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	240157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	401093	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	341920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	145590	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	160017	56.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.06%	
35) Dibromofluoromethane	7.88	113	113323	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	
50) Toluene-d8	10.32	98	496069	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
62) 4-Bromofluorobenzene	12.62	95	167431	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	

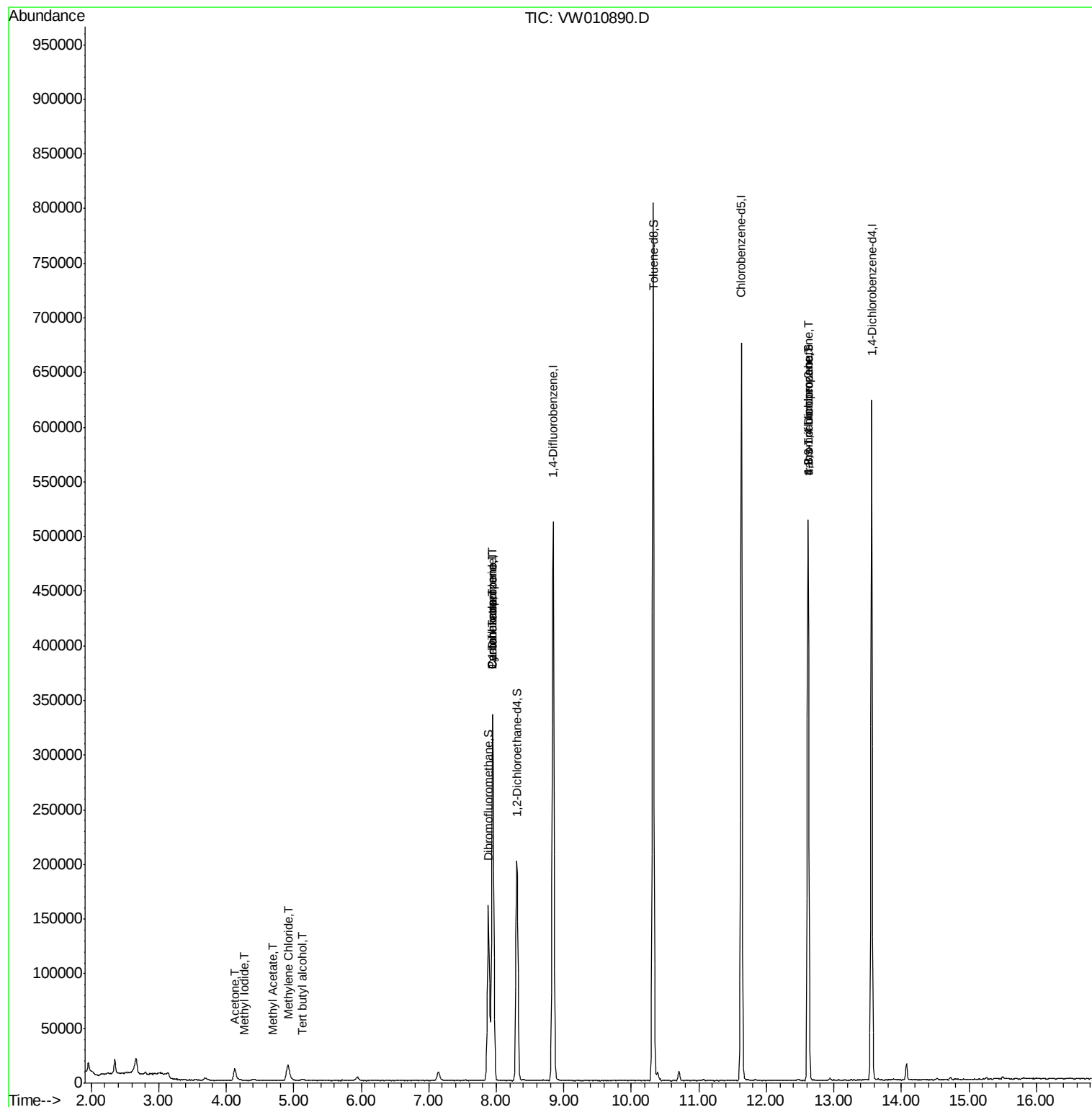
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.27	142	72	4.825	ug/l #	41
11) Tert butyl alcohol	5.12	59	1157	5.017	ug/l #	76
16) Acetone	4.13	43	20559	27.106	ug/l	99
18) Methyl Acetate	4.68	43	1778	1.089	ug/l #	58
20) Methylene Chloride	4.92	84	10296	3.870	ug/l #	93
31) Cyclohexane	7.95	56	6609	1.157	ug/l #	14
36) 1,1-Dichloropropene	7.95	75	21894	5.333	ug/l #	51
38) Carbon Tetrachloride	7.95	117	25152	7.097	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	91279	59.703	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	91279	137.216	ug/l #	5

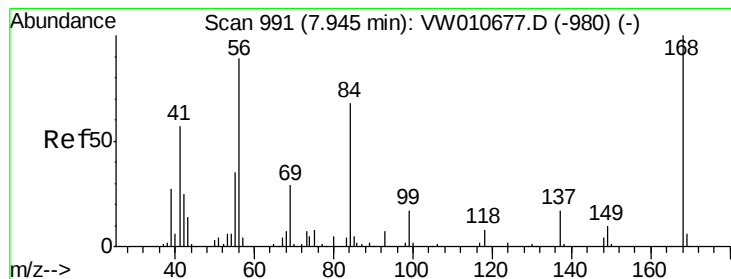
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062019\
Data File : VW010890.D
Acq On : 20 Jun 2019 14:17
Operator : SY/VA
Sample : K3440-02RE
Misc : 4.91G/5ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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Quant Time: Jun 21 07:46:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
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# 992

Delta R.T. 0.01 min

Lab File: VW010890.D

Acq: 20 Jun 2019 14:17

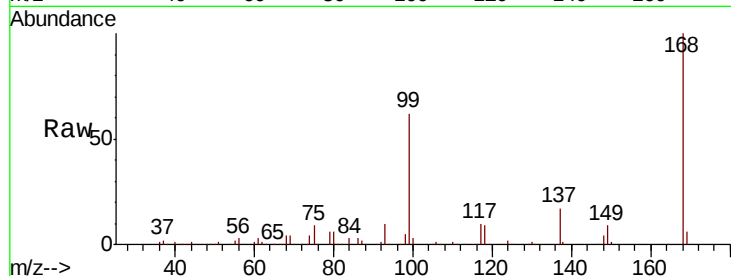
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 240157

Ion Ratio Lower Upper

168 100

99 61.6 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

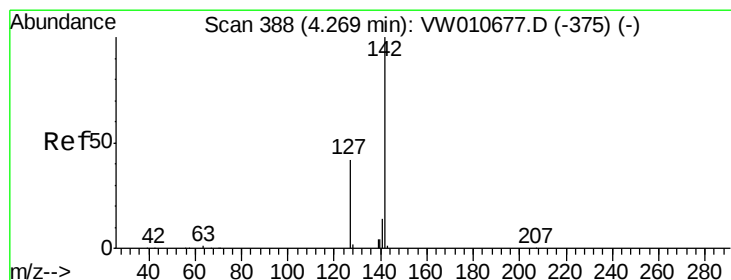
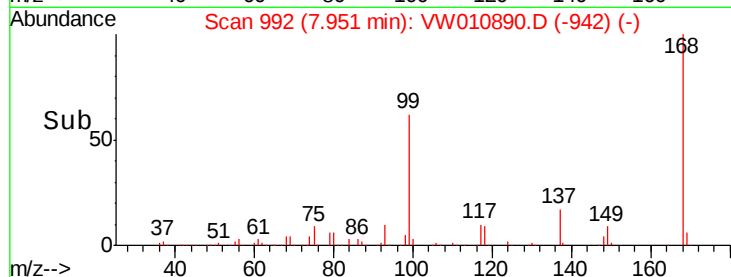
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#10

Methyl Iodide

Concen: 4.825 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW010890.D

Acq: 20 Jun 2019 14:17

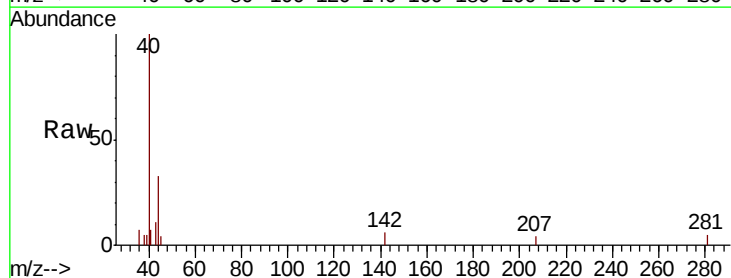
Tgt Ion:142 Resp: 72

Ion Ratio Lower Upper

142 100

127 0.0 34.6 51.8#

141 0.0 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

120

100

80

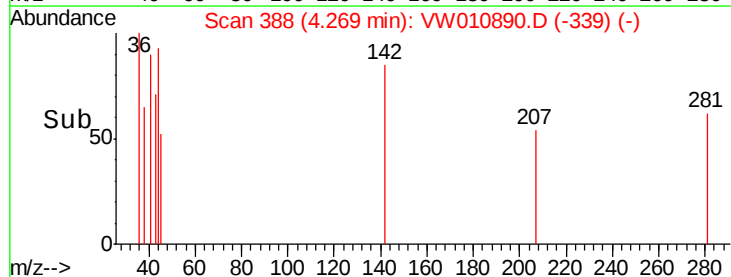
60

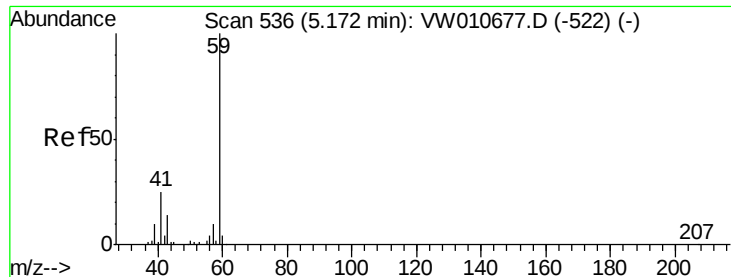
40

20

0

Time--> 4.24 4.26 4.28



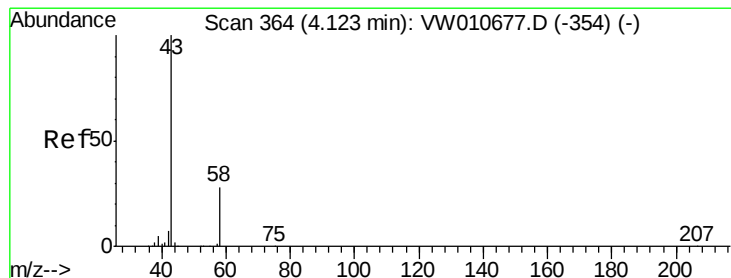
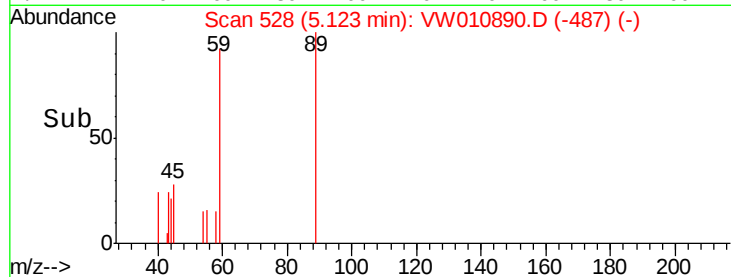
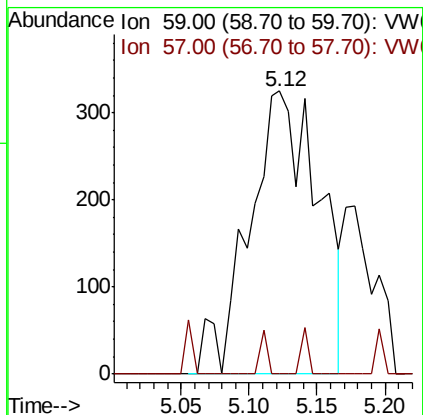
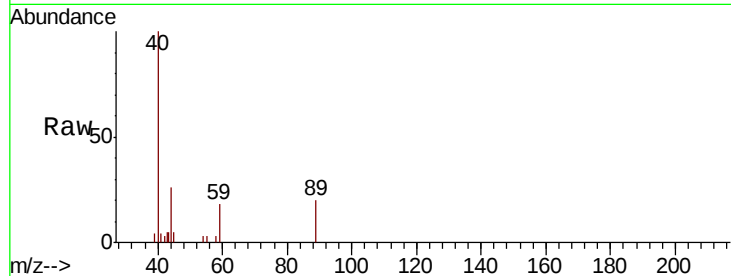


#11

Tert butyl alcohol
Concen: 5.017 ug/l
RT: 5.12 min Scan# 528
Delta R.T. -0.05 min
Lab File: VW010890.D
Acq: 20 Jun 2019 14:17

Instrument :
MSVOA_W
ClientSampled :

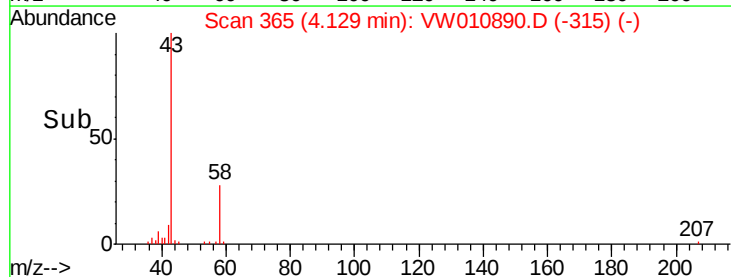
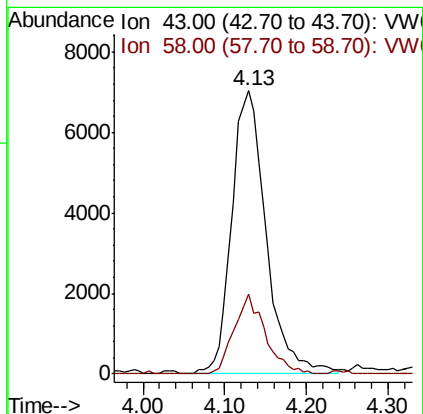
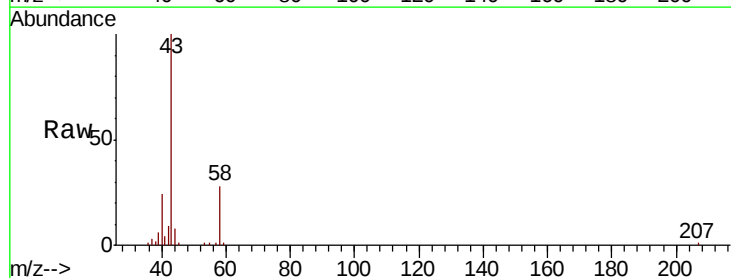
Tot Ion: 59 Resp: 1157
Ion Ratio Lower Upper
59 100
57 1.6 8.6 12.8#

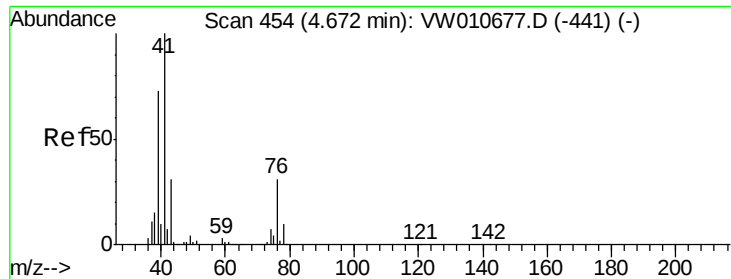


#16

Acetone
Concen: 27.106 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW010890.D
Acq: 20 Jun 2019 14:17

Tgt Ion: 43 Resp: 20559
Ion Ratio Lower Upper
43 100
58 28.3 22.1 33.1

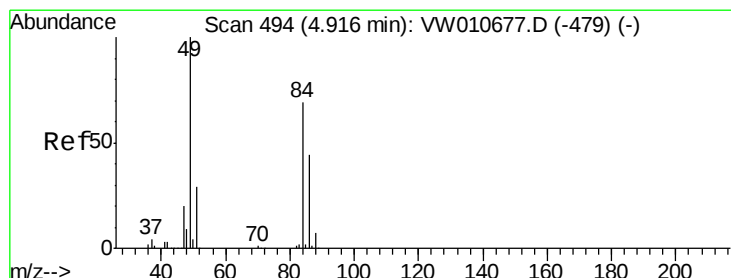
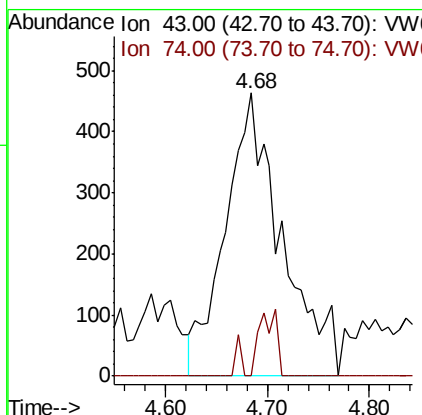
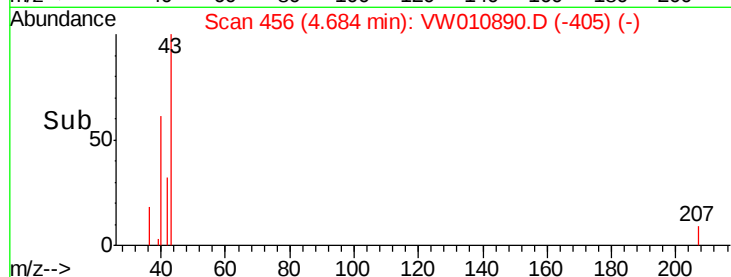
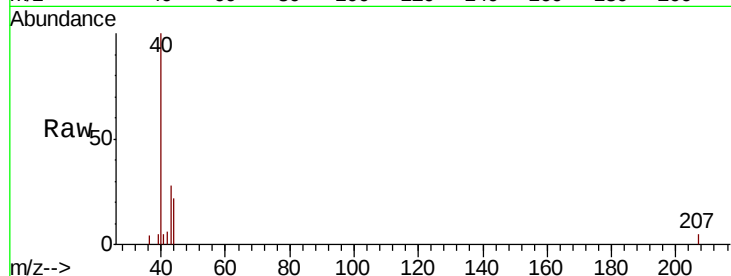




#18
Methyl Acetate
Concen: 1.089 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW010890.D
Acq: 20 Jun 2019 14:17

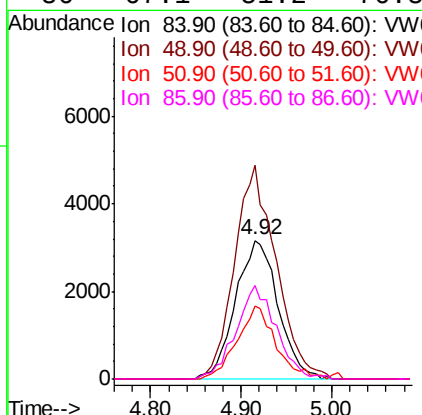
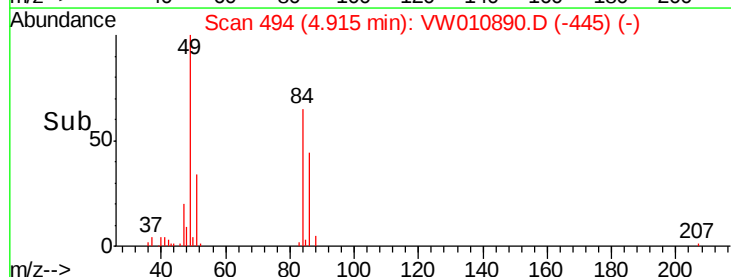
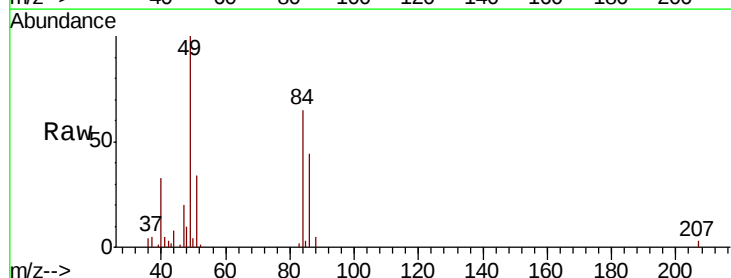
Instrument :
MSVOA_W
ClientSampled :

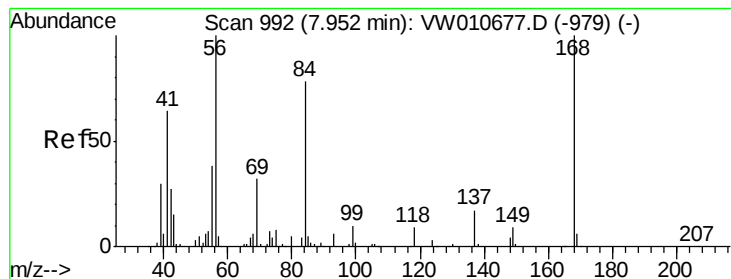
Tot Ion: 43 Resp: 1778
Ion Ratio Lower Upper
43 100
74 1.3 16.7 25.1#



#20
Methylene Chloride
Concen: 3.870 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW010890.D
Acq: 20 Jun 2019 14:17

Tgt Ion: 84 Resp: 10296
Ion Ratio Lower Upper
84 100
49 154.0 116.7 175.1
51 52.8 34.2 51.2#
86 67.1 51.2 76.8





#31

Cyclohexane

Concen: 1.157 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010890.D

Acq: 20 Jun 2019 14:17

Instrument :
MSVOA_W
ClientSampleId :

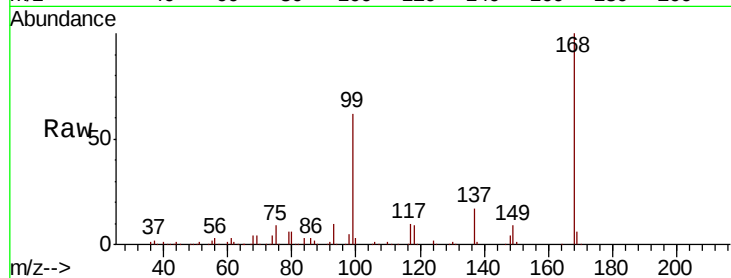
Tot Ion: 56 Resp: 6609

Ion Ratio Lower Upper

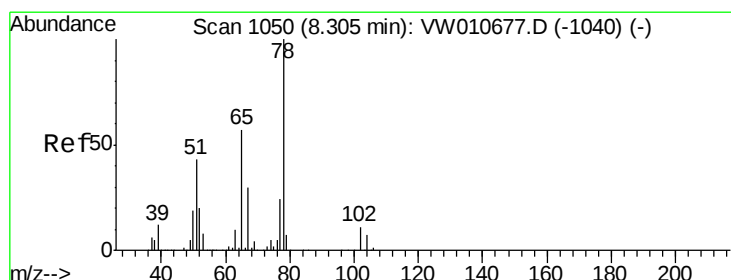
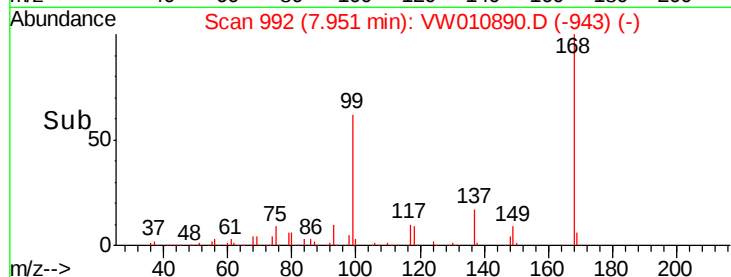
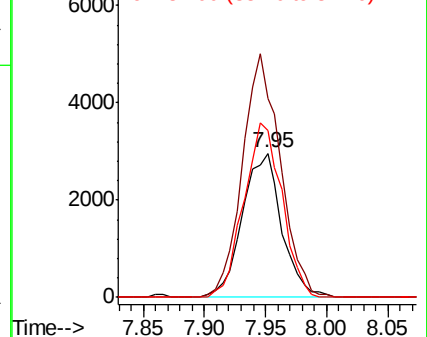
56 100

69 137.3 25.2 37.8#

84 115.2 62.2 93.2#



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: 56.530 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010890.D

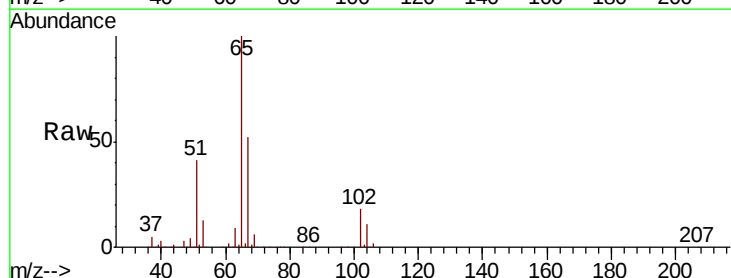
Acq: 20 Jun 2019 14:17

Tgt Ion: 65 Resp: 160017

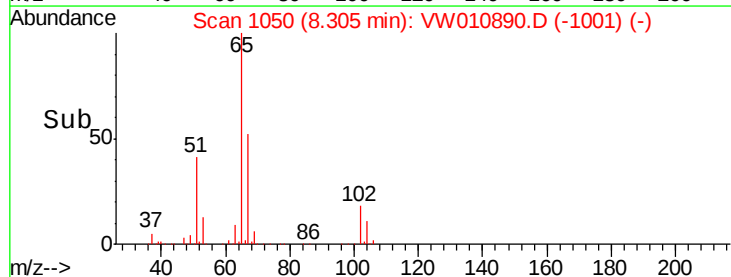
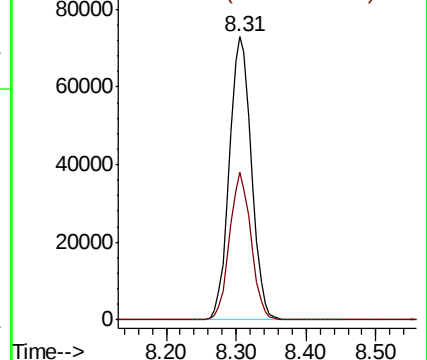
Ion Ratio Lower Upper

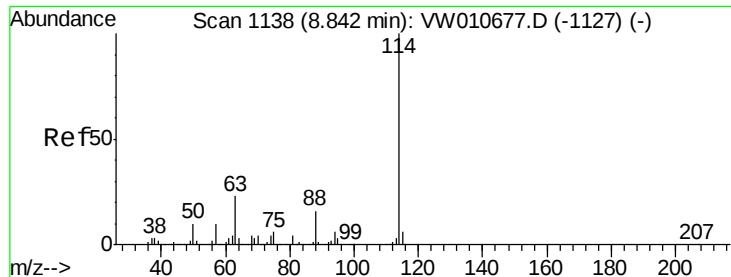
65 100

67 50.7 0.0 102.6



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

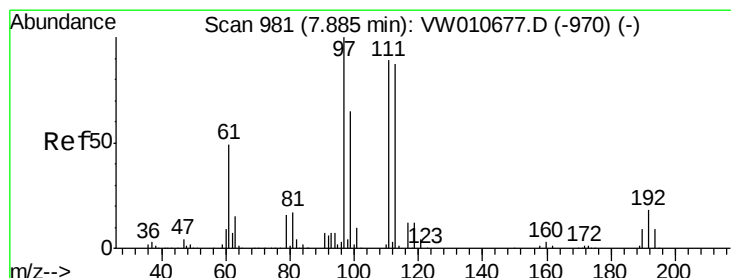
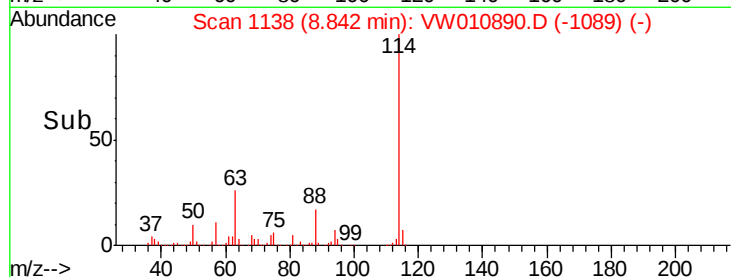
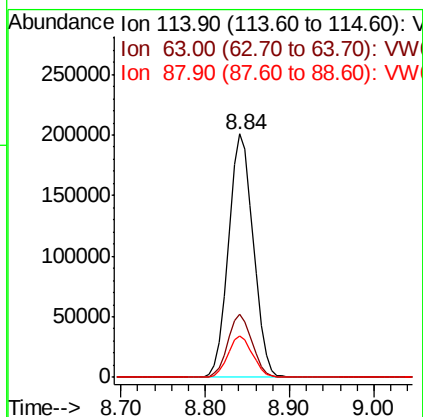
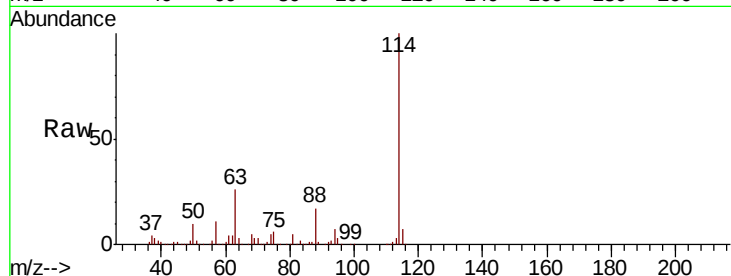




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010890.D
 Acq: 20 Jun 2019 14:17

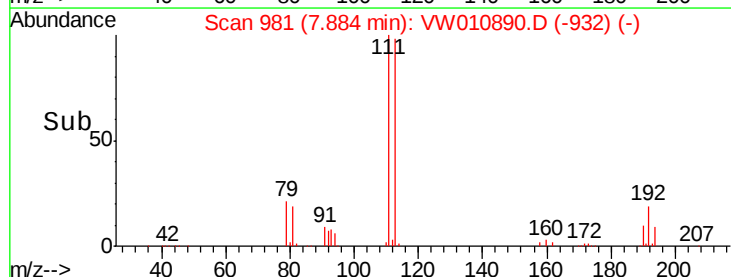
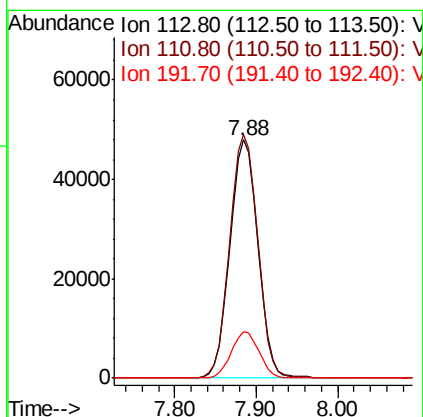
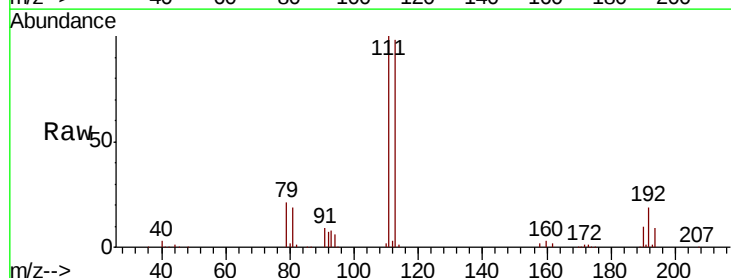
Instrument :
 MSVOA_W
 ClientSampled :

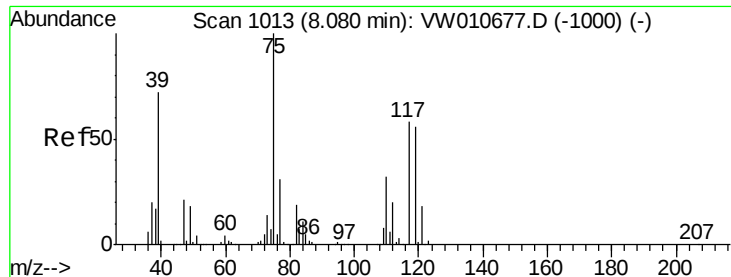
Tot Ion	Ratio	Lower	Upper
114	100		
63	25.9	0.0	46.4
88	17.0	0.0	32.2



#35
 Dibromofluoromethane
 Concen: 52.053 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010890.D
 Acq: 20 Jun 2019 14:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	123.8
192	19.2	16.4	24.6

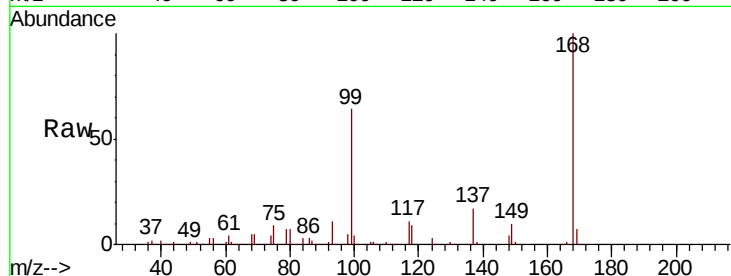




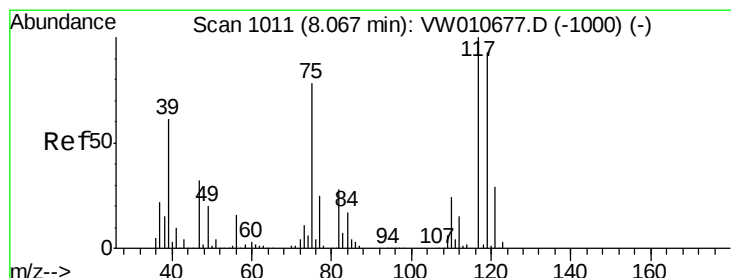
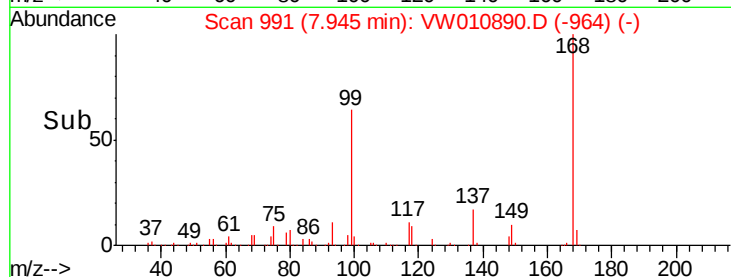
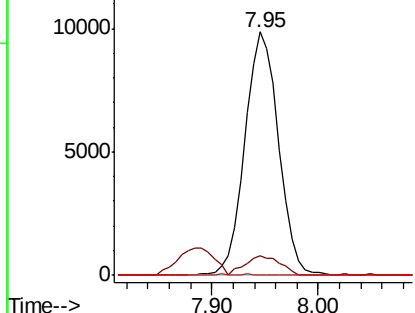
#36
 1,1-Dichloropropene
 Concen: 5.333 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010890.D
 Acq: 20 Jun 2019 14:17

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.3	15.8	47.3#
77	0.1	24.7	37.1#

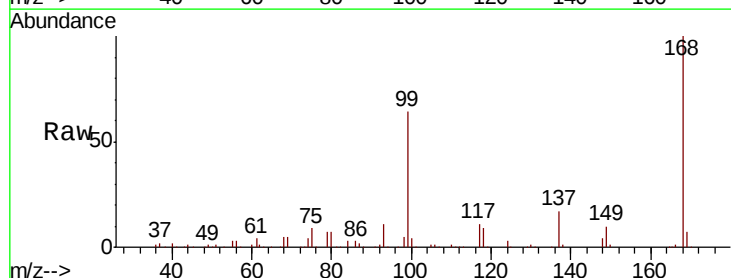


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

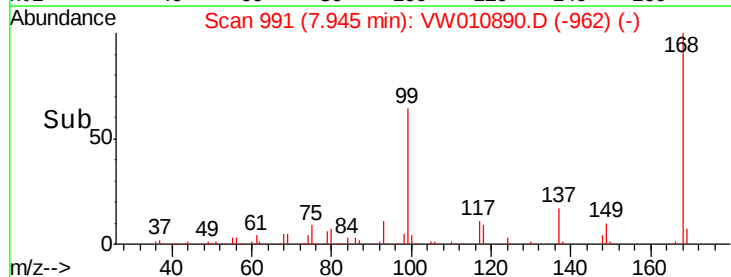
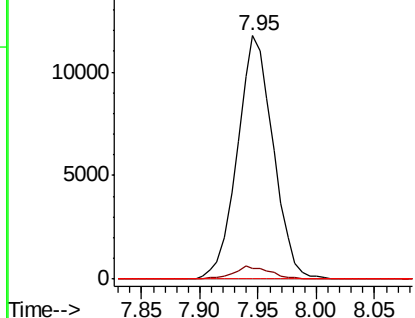


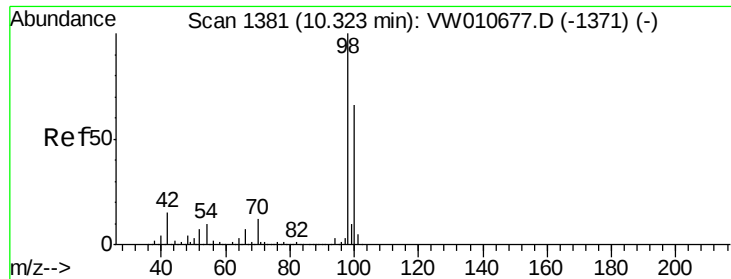
#38
 Carbon Tetrachloride
 Concen: 7.097 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW010890.D
 Acq: 20 Jun 2019 14:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.4	74.2	111.4#
121	0.0	22.9	34.3#



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: 51.963 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010890.D

Acq: 20 Jun 2019 14:17

Instrument :

MSVOA_W

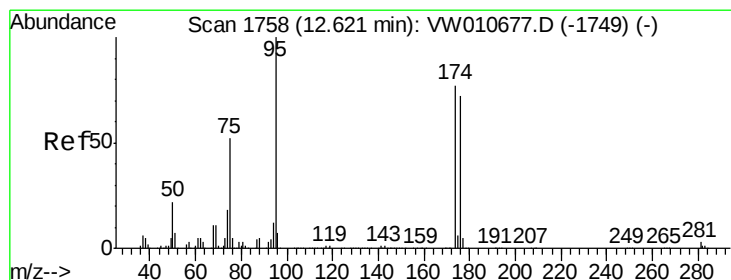
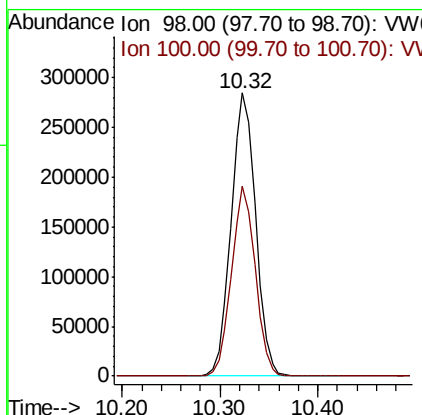
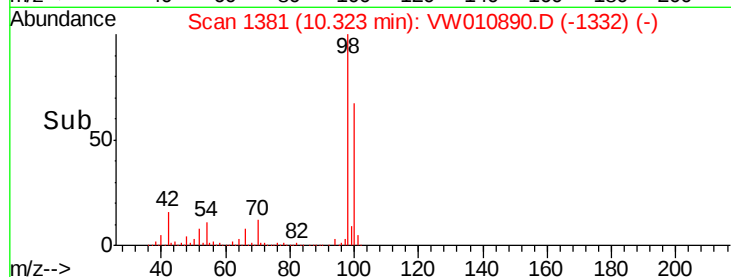
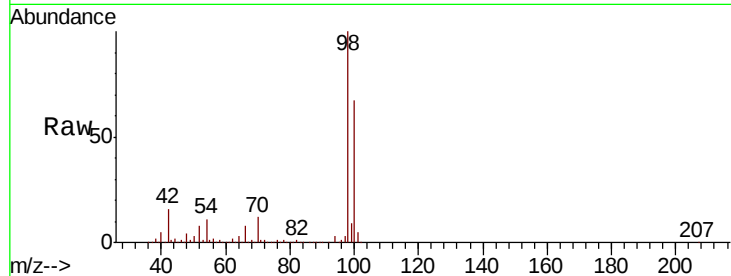
ClientSampleId :

Tot Ion: 98 Resp: 496069

Ion Ratio Lower Upper

98 100

100 65.2 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 48.197 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010890.D

Acq: 20 Jun 2019 14:17

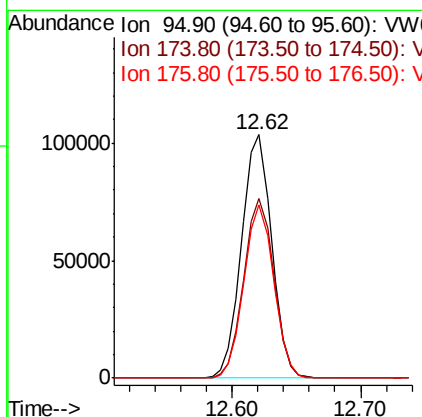
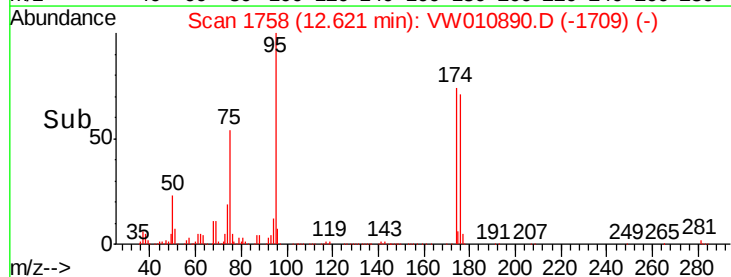
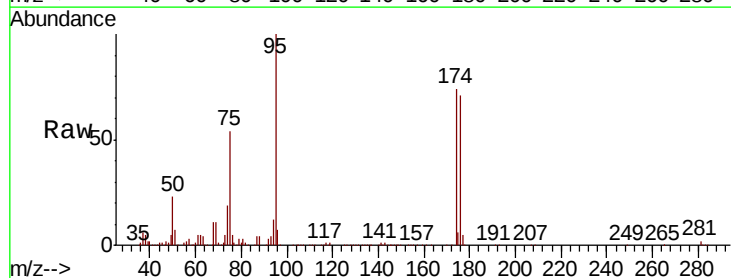
Tgt Ion: 95 Resp: 167431

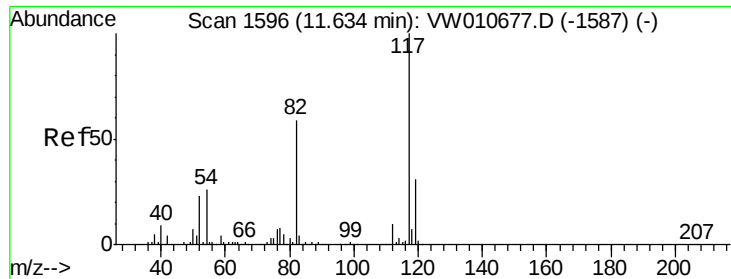
Ion Ratio Lower Upper

95 100

174 74.0 0.0 150.4

176 70.6 0.0 144.8

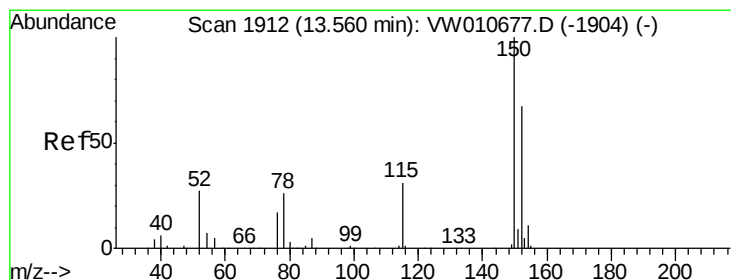
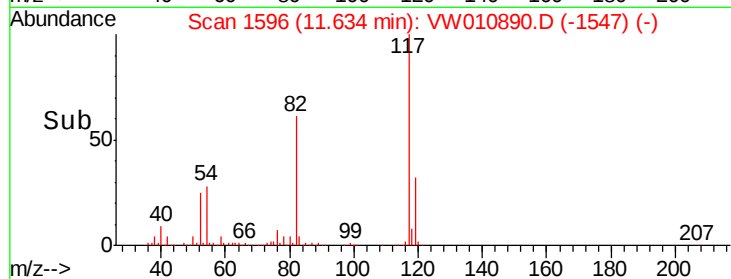
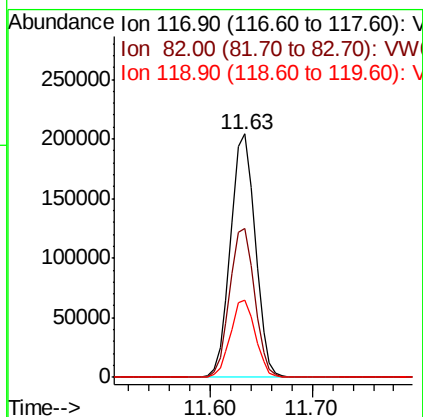
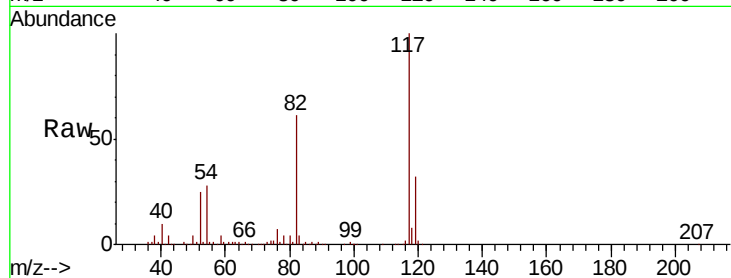




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010890.D
Acq: 20 Jun 2019 14:17

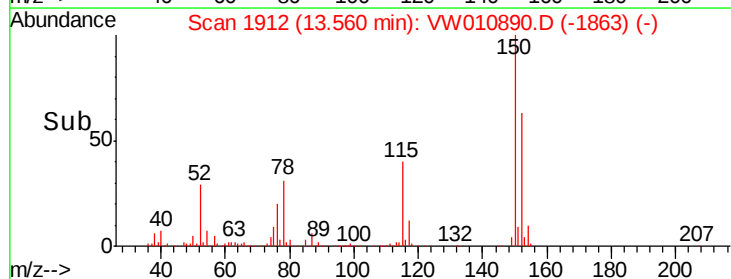
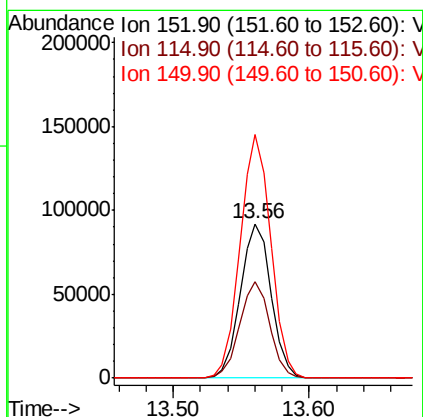
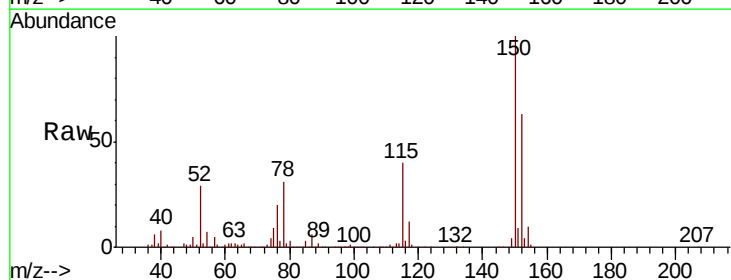
Instrument :
MSVOA_W
ClientSampled :

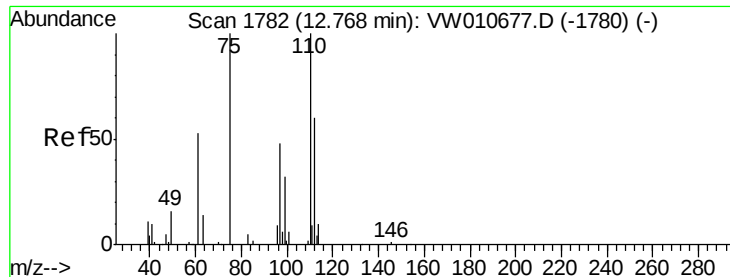
Tot Ion:117 Resp: 341920
Ion Ratio Lower Upper
117 100
82 60.9 47.0 70.4
119 31.8 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010890.D
Acq: 20 Jun 2019 14:17

Tgt Ion:152 Resp: 145590
Ion Ratio Lower Upper
152 100
115 61.0 29.8 89.3
150 157.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 59.703 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010890.D

Acq: 20 Jun 2019 14:17

Instrument :

MSVOA_W

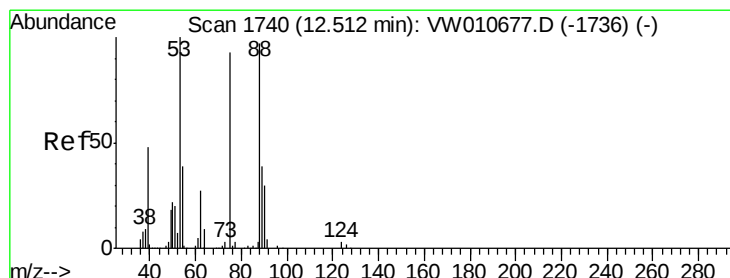
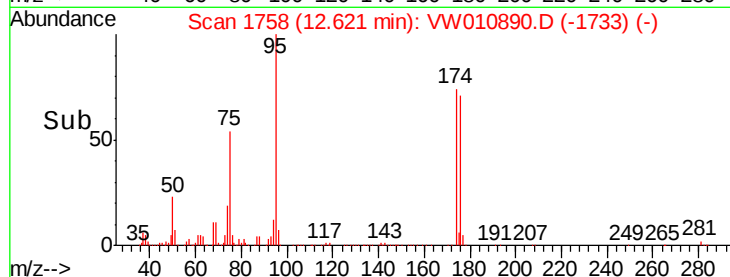
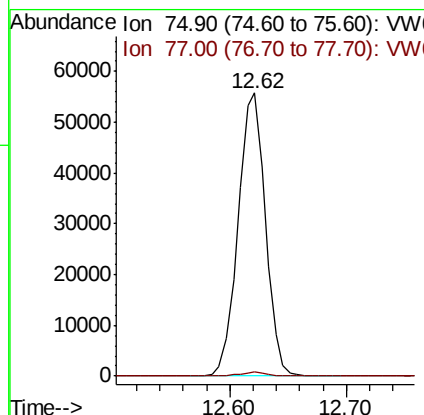
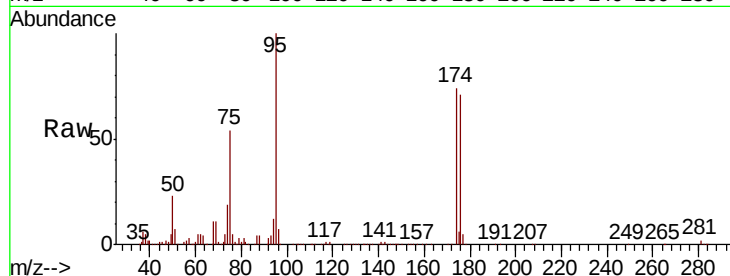
ClientSampleId :

Tot Ion: 75 Resp: 91279

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 137.216 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010890.D

Acq: 20 Jun 2019 14:17

Tgt Ion: 75 Resp: 91279

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

89 0.0 34.6 52.0#

