

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061919\
 Data File : VW010860.D
 Acq On : 19 Jun 2019 19:33
 Operator : SY/VA
 Sample : K3435-02
 Misc : 4.96G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-SF-02-004-A

Quant Time: Jun 20 05:49:36 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	242553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	420811	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	373047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	172350	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	180988	63.31	ug/l	0.00
Spiked Amount			Recovery	=	126.62%	
35) Dibromofluoromethane	7.88	113	126608	55.43	ug/l	0.00
Spiked Amount			Recovery	=	110.86%	
50) Toluene-d8	10.32	98	516772	51.60	ug/l	0.00
Spiked Amount			Recovery	=	103.20%	
62) 4-Bromofluorobenzene	12.62	95	195380	53.61	ug/l	0.00
Spiked Amount			Recovery	=	107.22%	

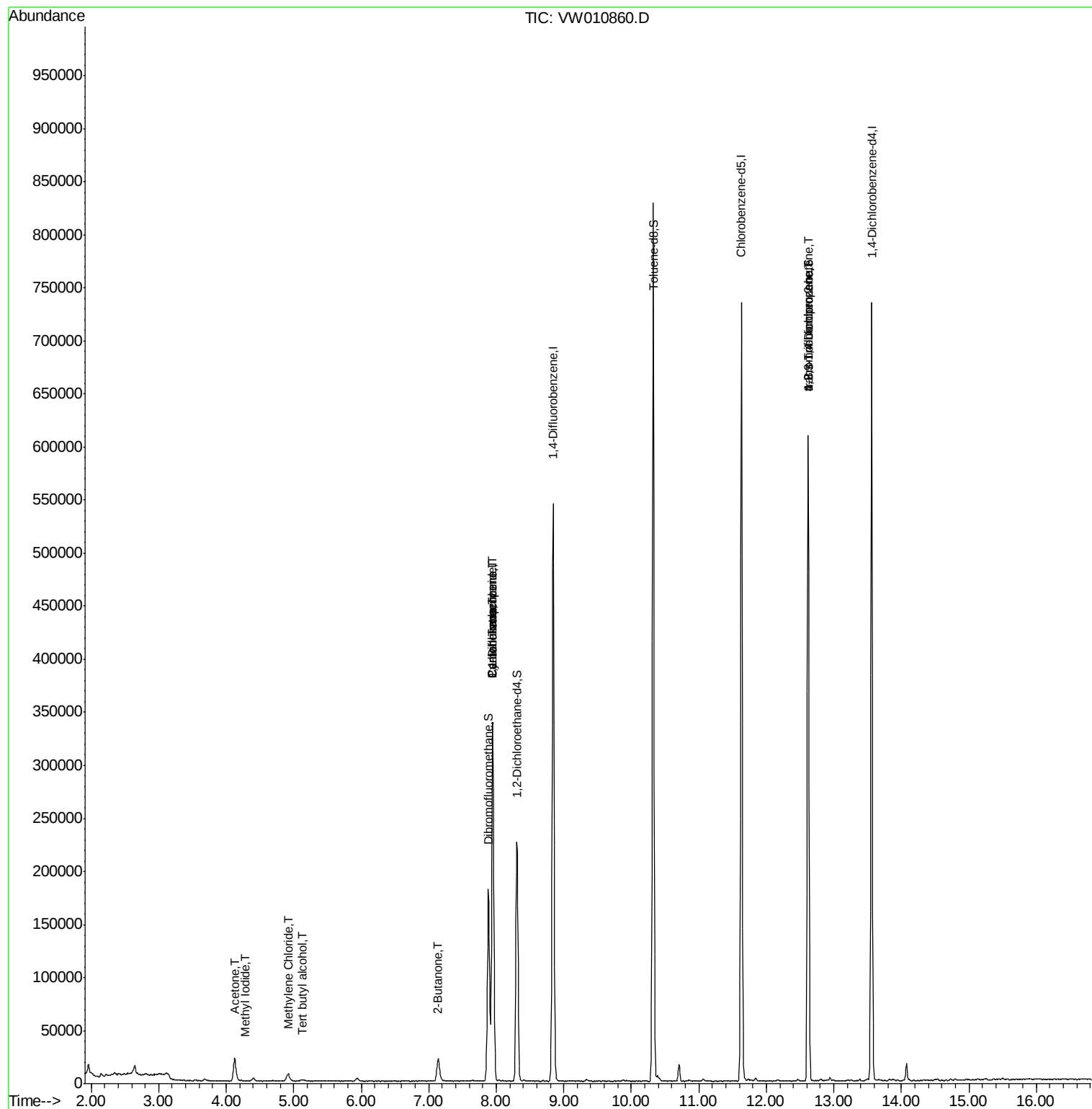
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.28	142	22	4.806	ug/l #	41
11) Tert butyl alcohol	5.12	59	907	3.894	ug/l #	72
16) Acetone	4.12	43	38773	50.615	ug/l	98
20) Methylene Chloride	4.91	84	4730	1.760	ug/l	96
25) 2-Butanone	7.13	43	1223	1.151	ug/l #	76
31) Cyclohexane	7.95	56	6657	1.154	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	22000	5.107	ug/l #	51
38) Carbon Tetrachloride	7.95	117	23993	6.452	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	107027	59.134	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	107027	135.909	ug/l #	5

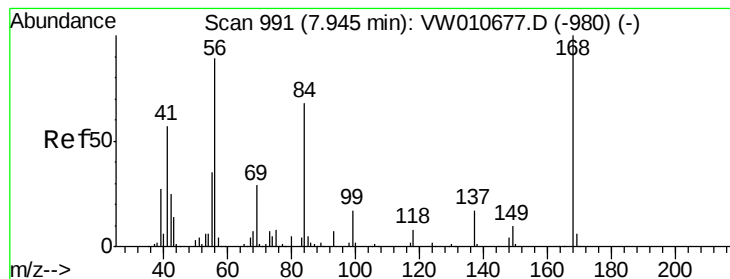
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061919\
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Quant 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: VW010860.D

Acq: 19 Jun 2019 19:33

Instrument :

MSVOA_W

ClientSampleId :

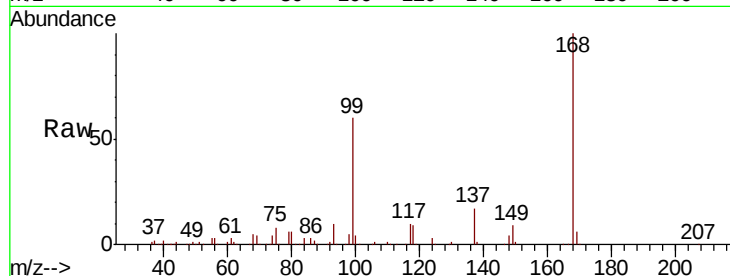
FK-SF-02-004-A

Tot Ion:168 Resp: 242553

Ion Ratio Lower Upper

168 100

99 60.0 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

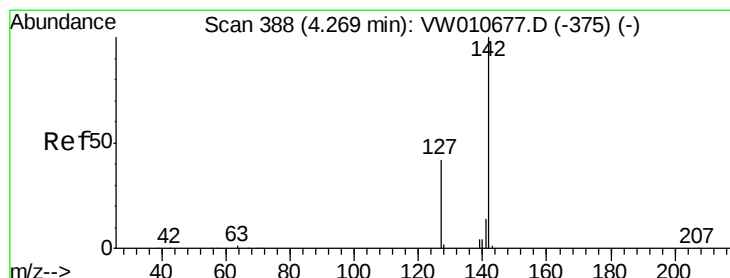
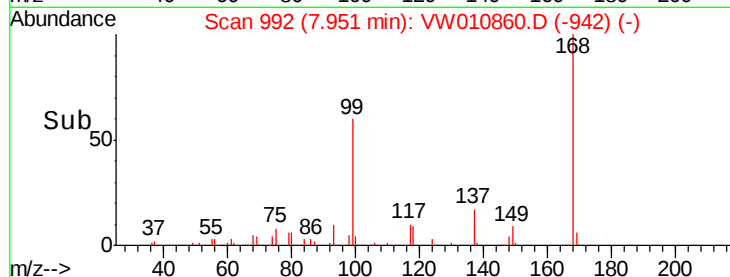
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#10

Methyl Iodide

Concen: 4.806 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.01 min

Lab File: VW010860.D

Acq: 19 Jun 2019 19:33

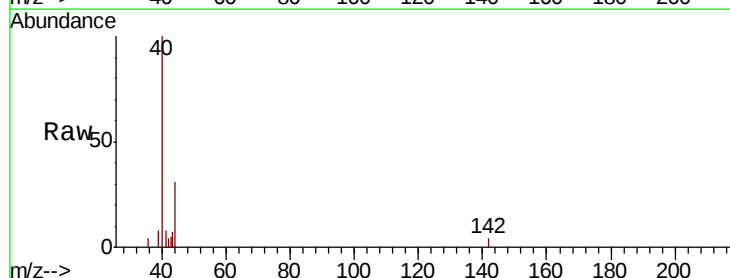
Tgt Ion:142 Resp: 22

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

80

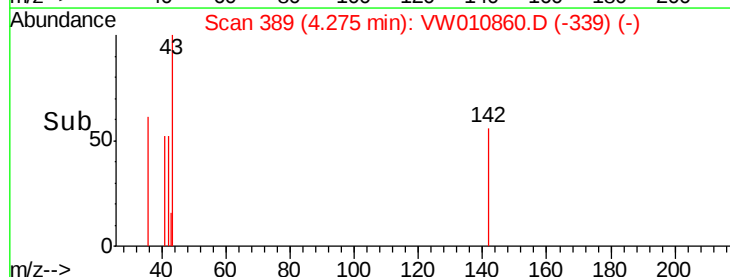
60

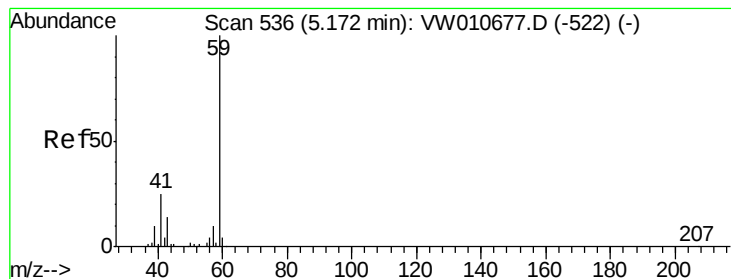
40

20

0

Time--> 4.26 4.27 4.28 4.29



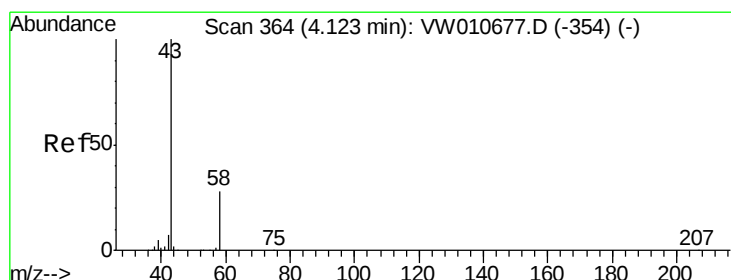
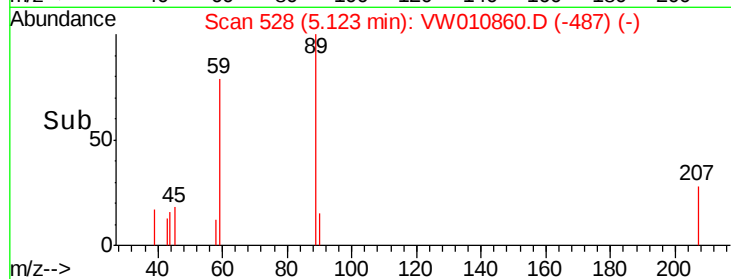
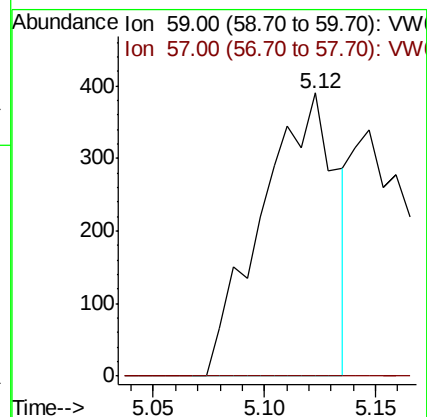
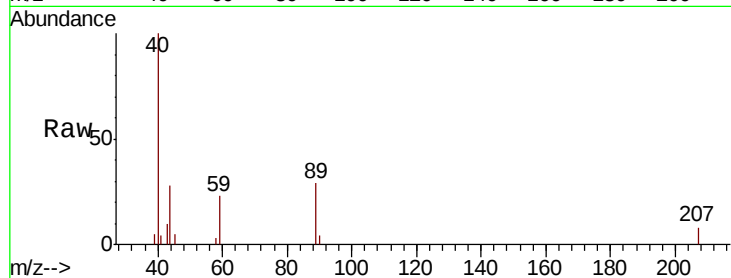


#11

Tert butyl alcohol
 Concen: 3.894 ug/l
 RT: 5.12 min Scan# 528
 Delta R.T. -0.05 min
 Lab File: VW010860.D
 Acq: 19 Jun 2019 19:33

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-SF-02-004-A

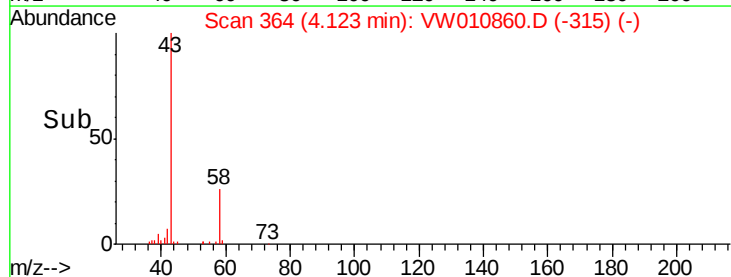
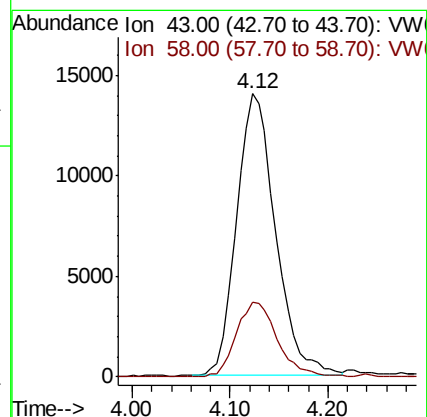
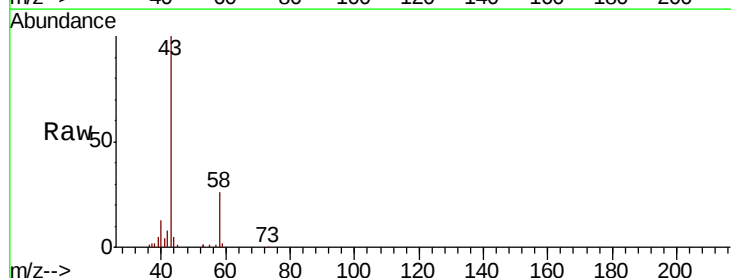
Tot Ion: 59 Resp: 907
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 12.8#

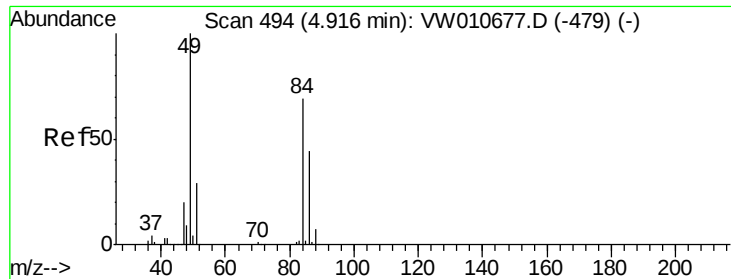


#16

Acetone
 Concen: 50.615 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. -0.00 min
 Lab File: VW010860.D
 Acq: 19 Jun 2019 19:33

Tgt Ion: 43 Resp: 38773
 Ion Ratio Lower Upper
 43 100
 58 26.5 22.1 33.1

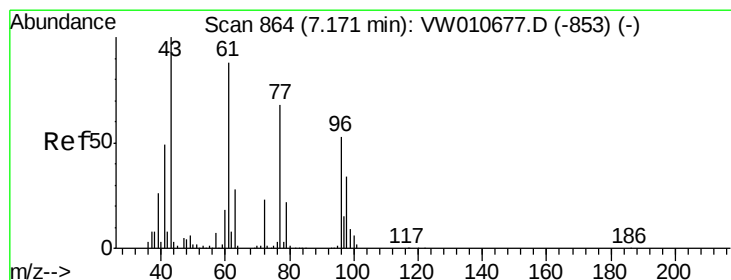
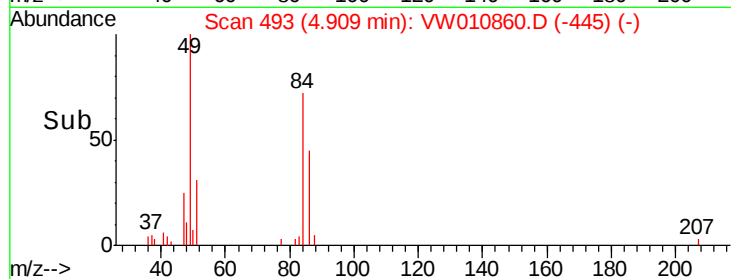
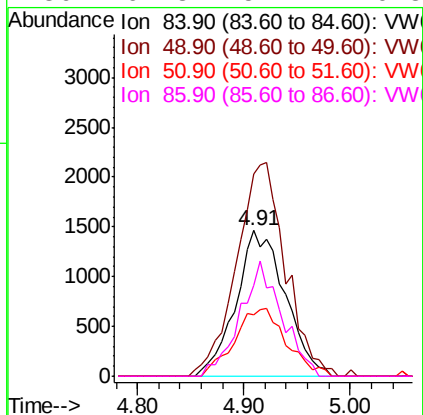
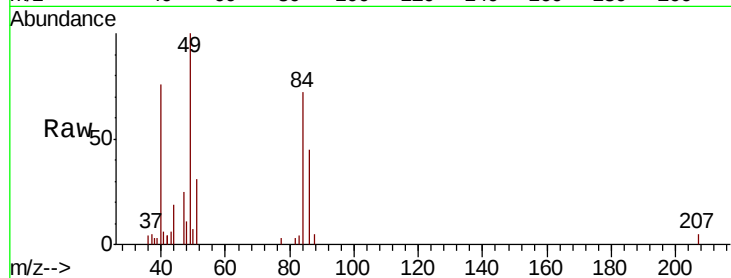




#20
Methvlene Chloride
Concen: 1.760 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW010860.D
Acq: 19 Jun 2019 19:33

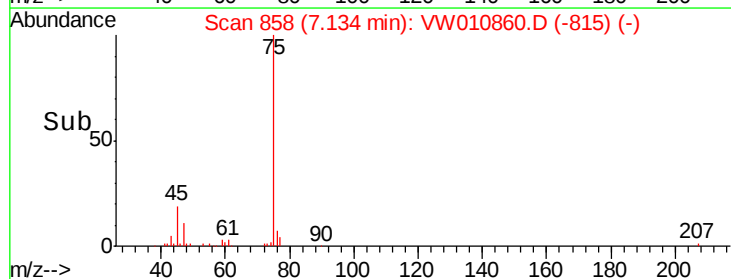
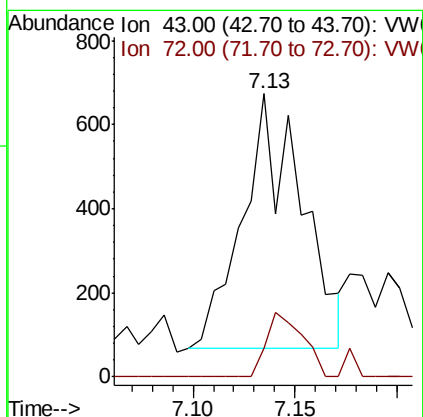
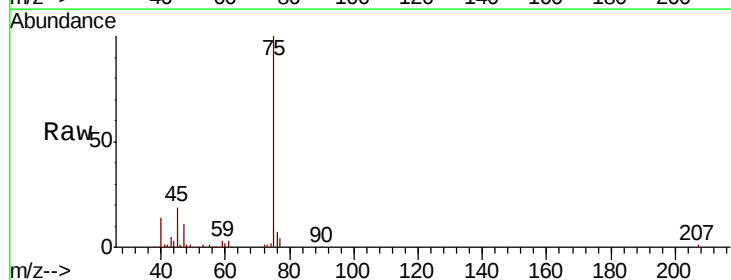
Instrument :
MSVOA_W
ClientSampleId :
FK-SF-02-004-A

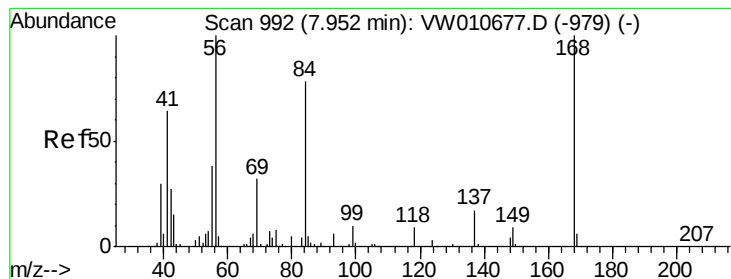
Tot Ion:	84	Resp:	4730
Ion	Ratio	Lower	Upper
84	100		
49	138.8	116.7	175.1
51	42.4	34.2	51.2
86	62.3	51.2	76.8



#25
2-Butanone
Concen: 1.151 ug/l
RT: 7.13 min Scan# 858
Delta R.T. -0.04 min
Lab File: VW010860.D
Acq: 19 Jun 2019 19:33

Tgt Ion:	43	Resp:	1223
Ion	Ratio	Lower	Upper
43	100		
72	11.1	18.1	27.1#





#31

Cyclohexane

Concen: 1.154 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010860.D

Acq: 19 Jun 2019 19:33

Instrument :

MSVOA_W

ClientSampleId :

FK-SF-02-004-A

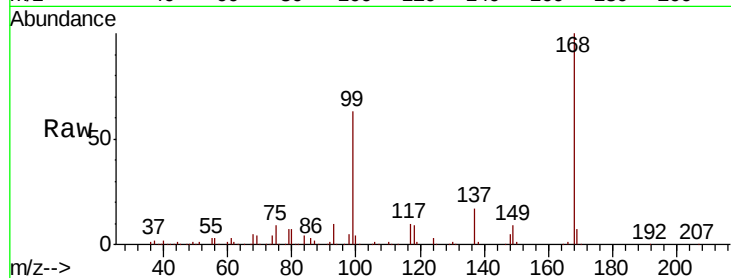
Tot Ion: 56 Resp: 6657

Ion Ratio Lower Upper

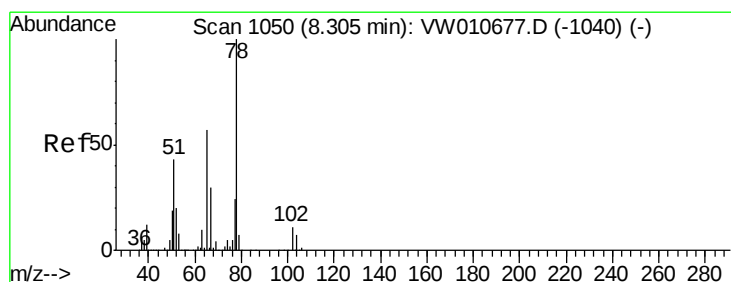
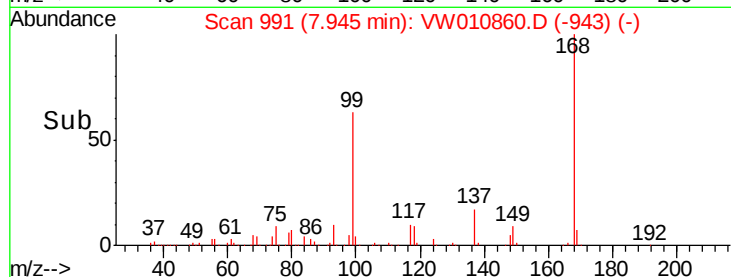
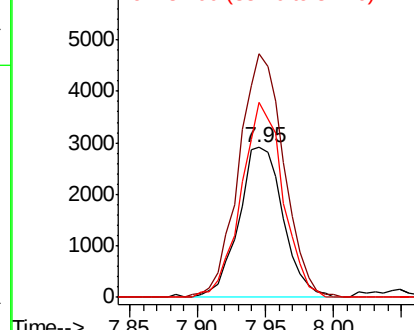
56 100

69 162.6 25.2 37.8#

84 130.4 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: 63.307 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010860.D

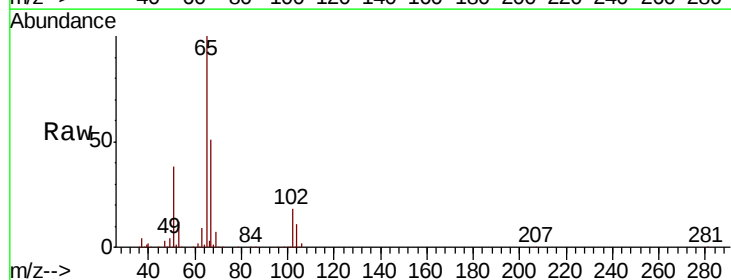
Acq: 19 Jun 2019 19:33

Tgt Ion: 65 Resp: 180988

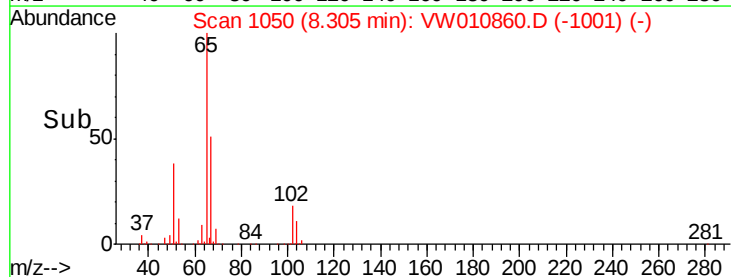
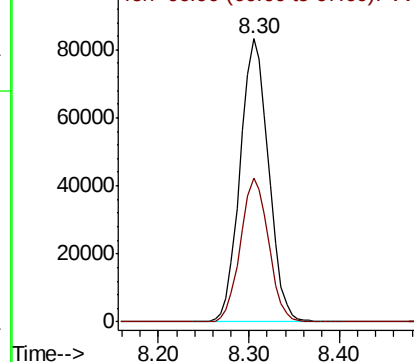
Ion Ratio Lower Upper

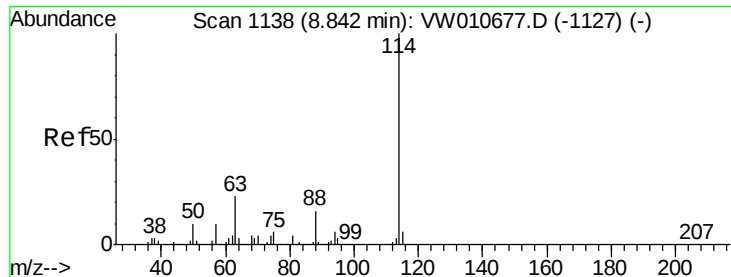
65 100

67 50.3 0.0 102.6



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

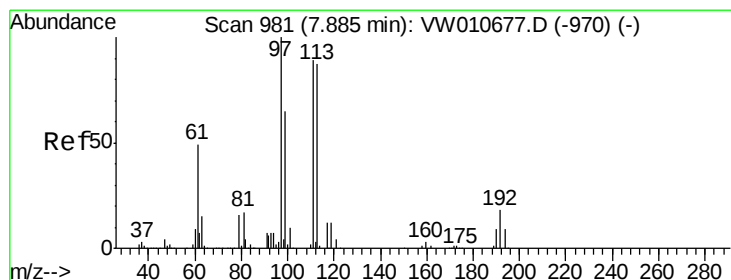
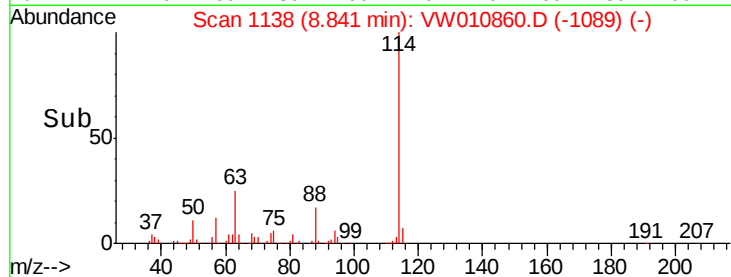
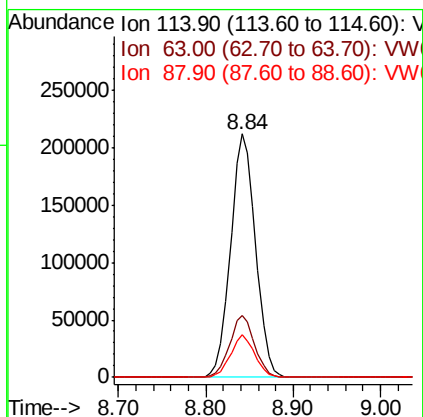
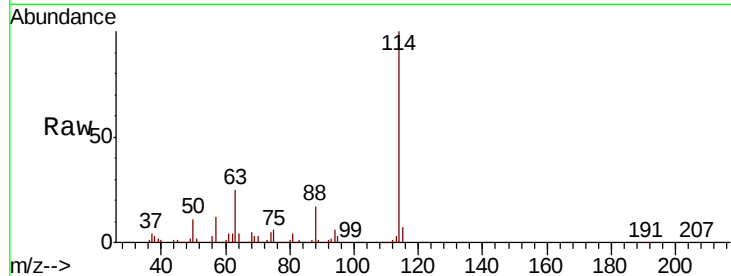




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW010860.D
Acq: 19 Jun 2019 19:33

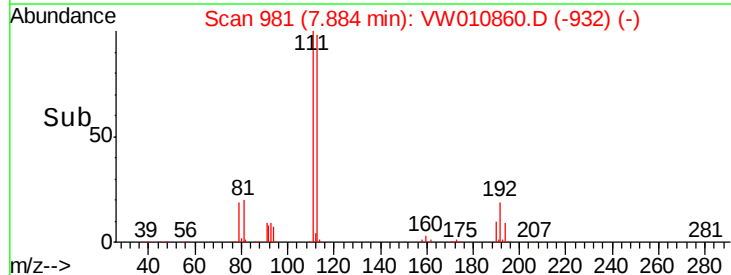
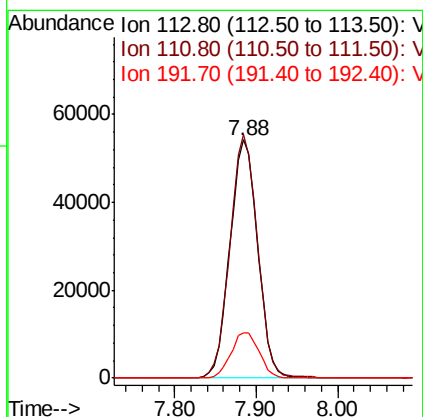
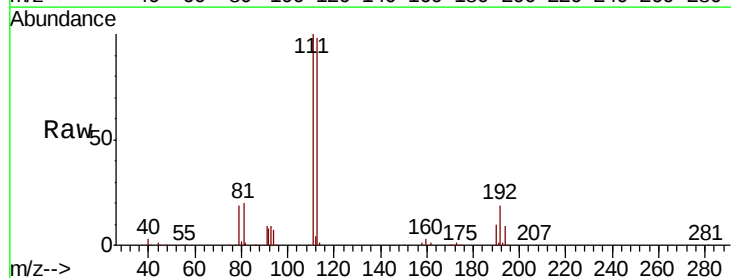
Instrument :
MSVOA_W
ClientSampleId :
FK-SF-02-004-A

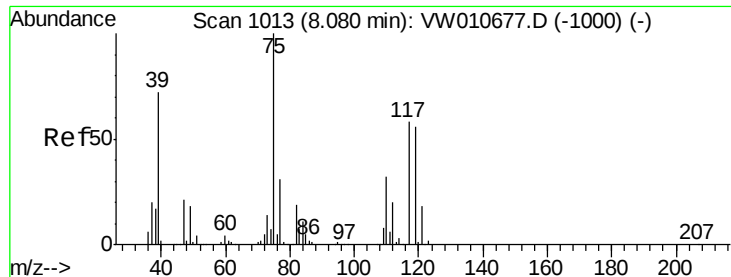
Tot Ion	Ratio	Lower	Upper
114	100		
63	25.4	0.0	46.4
88	17.3	0.0	32.2



#35
Dibromofluoromethane
Concen: 55.431 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW010860.D
Acq: 19 Jun 2019 19:33

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.6	123.8
192	19.6	16.4	24.6





#36

1,1-Dichloropropene

Concen: 5.107 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW010860.D

Acq: 19 Jun 2019 19:33

Instrument :

MSVOA_W

ClientSampleId :

FK-SF-02-004-A

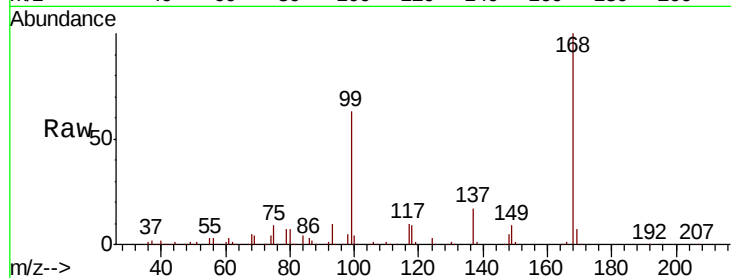
Tot Ion: 75 Resp: 22000

Ion Ratio Lower Upper

75 100

110 8.6 15.8 47.3#

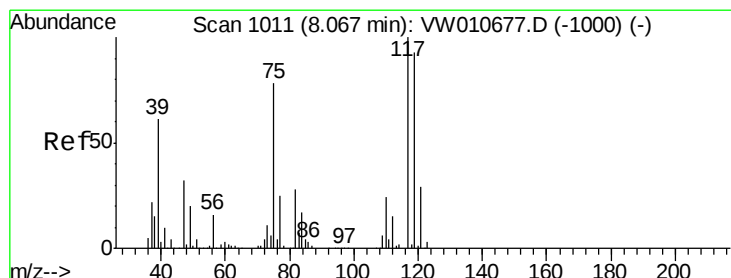
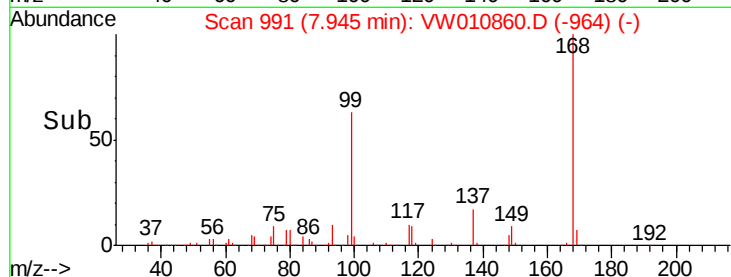
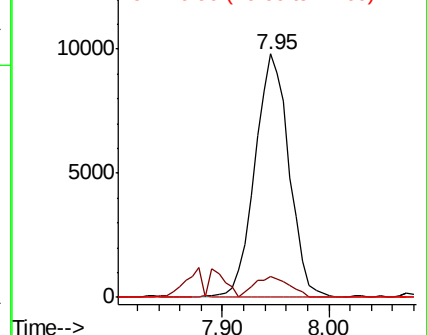
77 0.0 24.7 37.1#



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: 6.452 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW010860.D

Acq: 19 Jun 2019 19:33

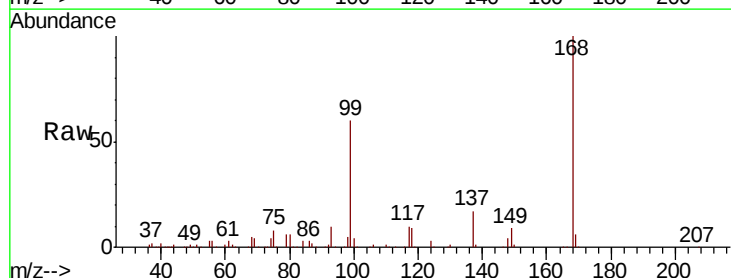
Tgt Ion: 117 Resp: 23993

Ion Ratio Lower Upper

117 100

119 4.8 74.2 111.4#

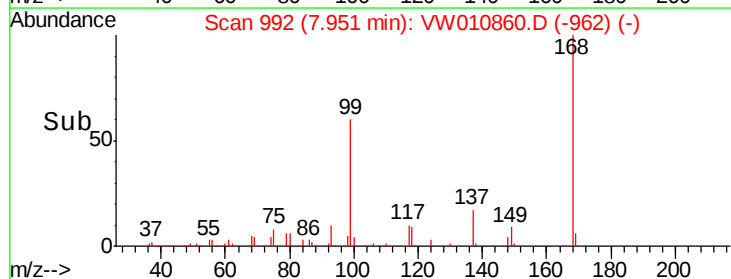
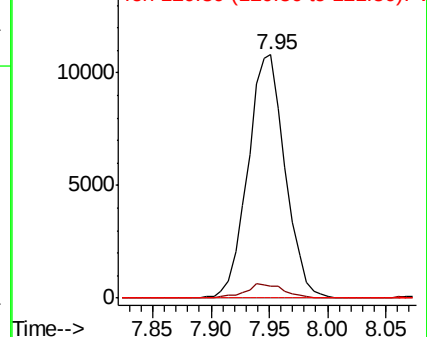
121 0.0 22.9 34.3#

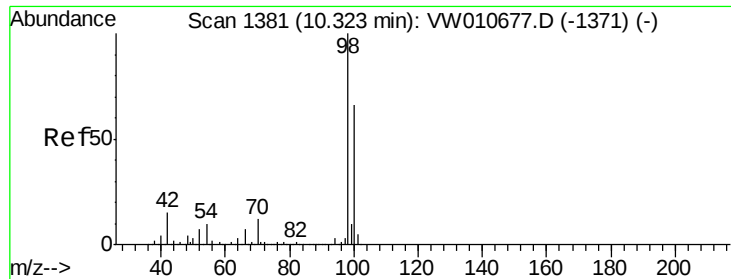


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

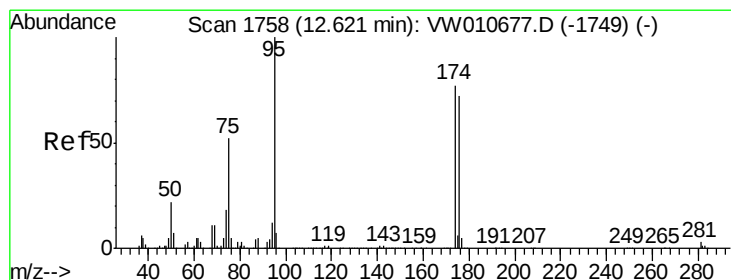
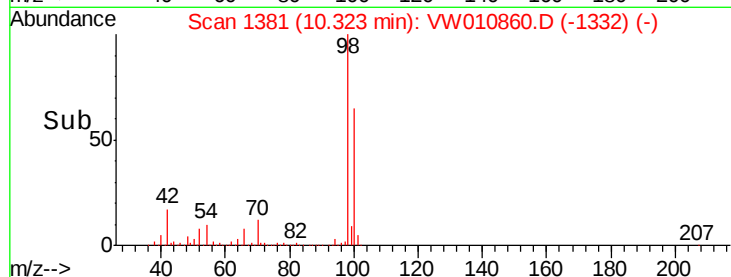
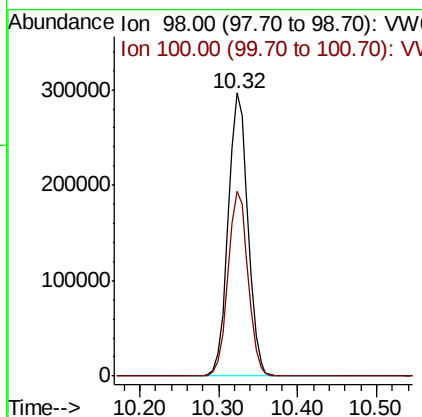
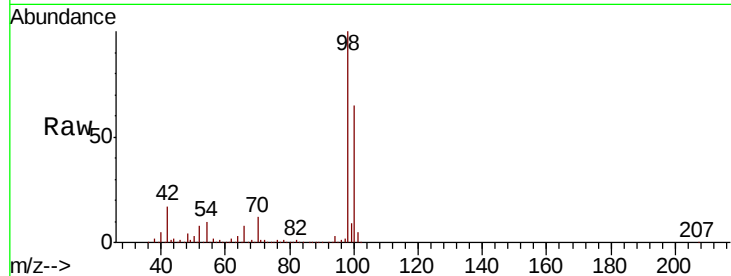




#50
Toluene-d8
Concen: 51.595 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010860.D
Acq: 19 Jun 2019 19:33

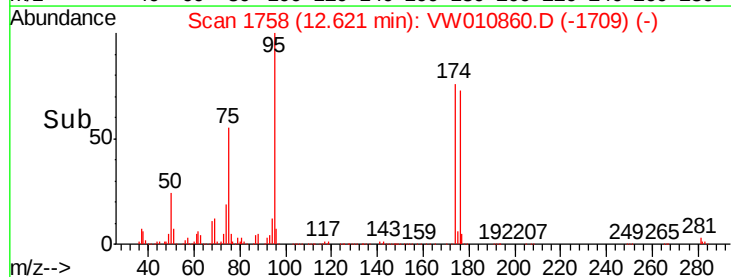
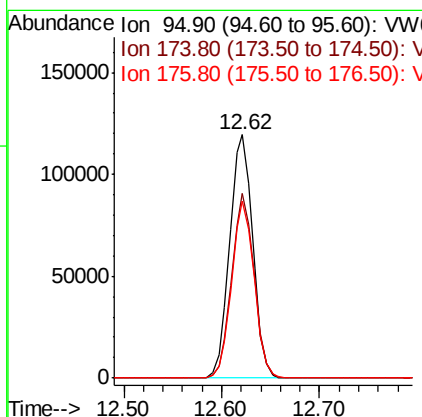
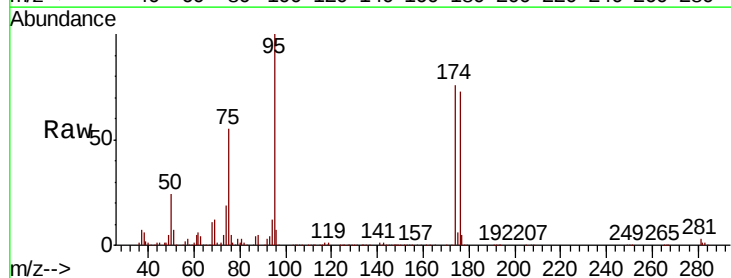
Instrument :
MSVOA_W
ClientSampleId :
FK-SF-02-004-A

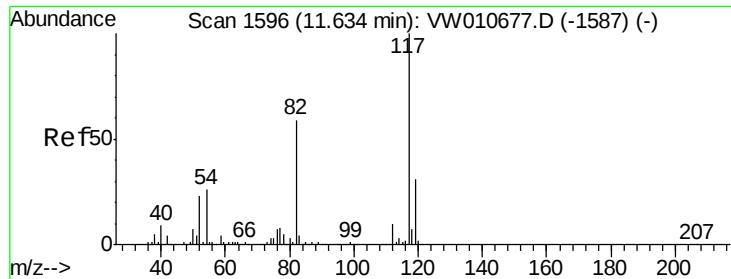
Tot Ion: 98 Resp: 516772
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 53.607 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010860.D
Acq: 19 Jun 2019 19:33

Tgt Ion: 95 Resp: 195380
Ion Ratio Lower Upper
95 100
174 73.6 0.0 150.4
176 71.0 0.0 144.8

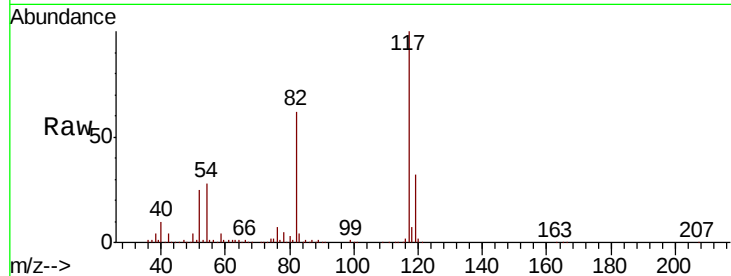




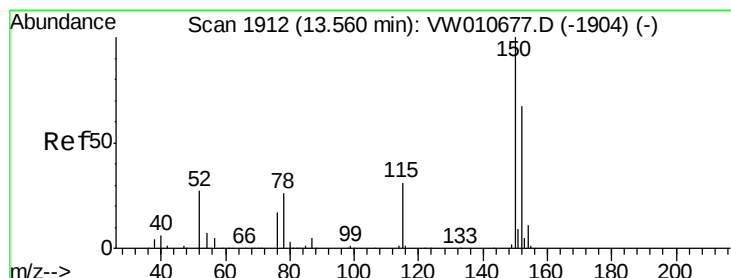
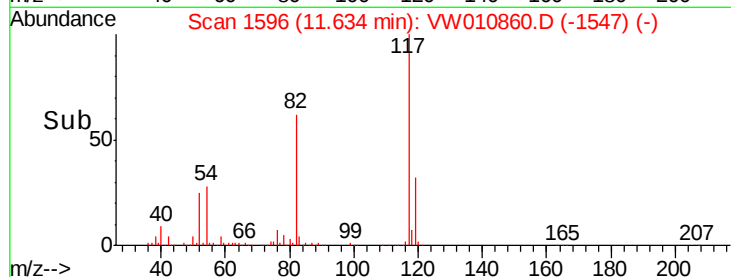
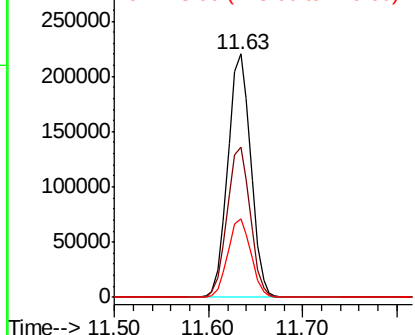
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010860.D
Acq: 19 Jun 2019 19:33

Instrument :
MSVOA_W
ClientSampleId :
FK-SF-02-004-A

Tot Ion:117 Resp: 373047
Ion Ratio Lower Upper
117 100
82 61.8 47.0 70.4
119 32.2 25.1 37.7

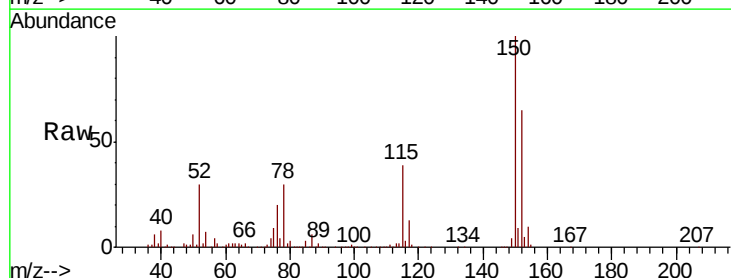


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

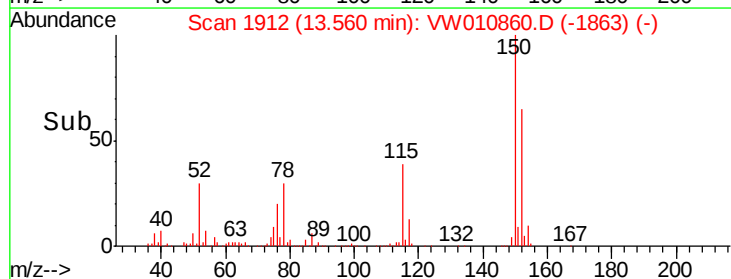
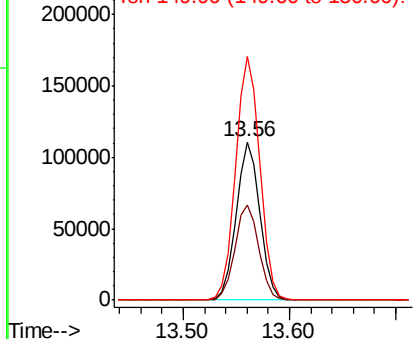


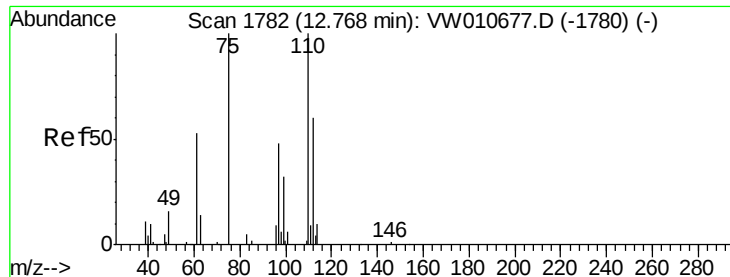
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010860.D
Acq: 19 Jun 2019 19:33

Tgt Ion:152 Resp: 172350
Ion Ratio Lower Upper
152 100
115 60.9 29.8 89.3
150 157.3 0.0 345.0



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: 59.134 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010860.D

Acq: 19 Jun 2019 19:33

Instrument :

MSVOA_W

ClientSampleId :

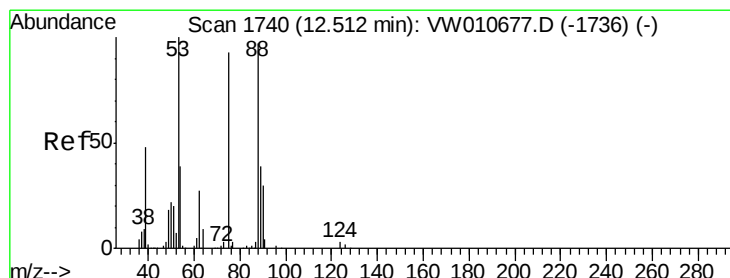
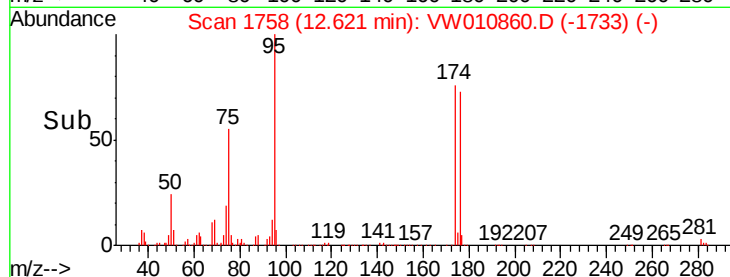
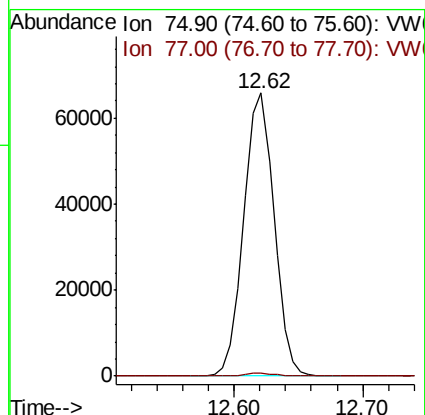
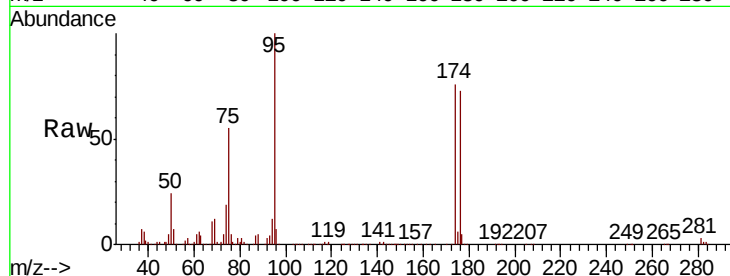
FK-SF-02-004-A

Tot Ion: 75 Resp: 107027

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 135.909 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010860.D

Acq: 19 Jun 2019 19:33

Tgt Ion: 75 Resp: 107027

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

89 0.0 34.6 52.0#

