

Data File : VW010695.D
Acq On : 05 Jun 2019 16:33
Operator : SY/VA
Sample : K3174-02
Misc : 5.24G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
FK-BPM-03-008-ABCD

Quant Time: Jun 06 07:29:33 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	216413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	375157	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	336543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	152032	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	153559	60.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.40%	
35) Dibromofluoromethane	7.88	113	108499	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	
50) Toluene-d8	10.32	98	492403	55.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.28%	
62) 4-Bromofluorobenzene	12.62	95	176495	54.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.64%	

Target Compounds

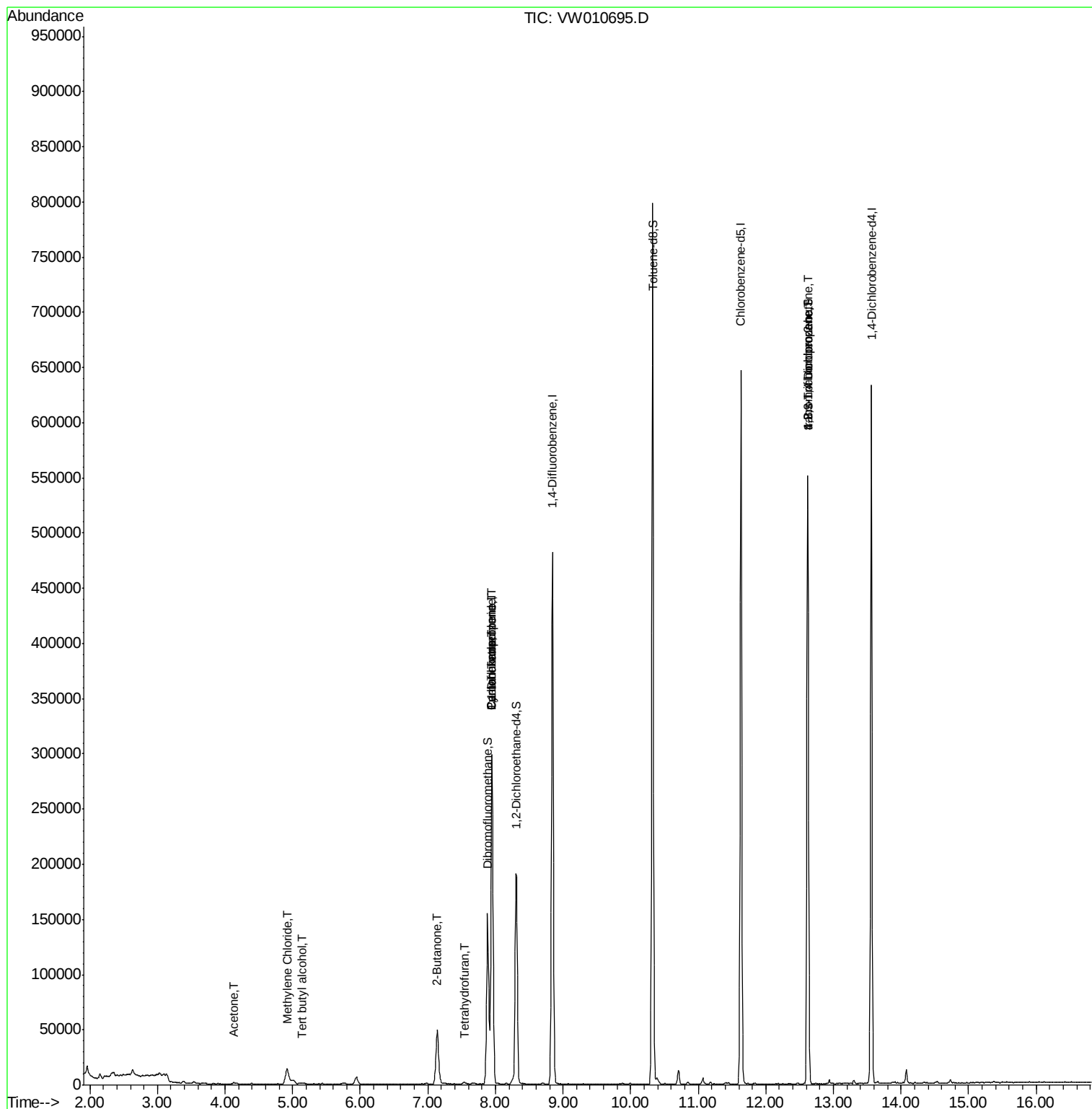
						Qvalue
11) Tert butyl alcohol	5.13	59	959	4.615	ug/l #	72
16) Acetone	4.14	43	3090	4.521	ug/l	99
20) Methylene Chloride	4.92	84	9390	3.916	ug/l	96
25) 2-Butanone	7.14	43	3579	3.776	ug/l #	72
29) Tetrahydrofuran	7.54	42	1672	2.805	ug/l #	77
31) Cyclohexane	7.95	56	5759	1.119	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	19285	5.022	ug/l #	52
38) Carbon Tetrachloride	7.95	117	21862	6.595	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	96064	60.170	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	96064	138.290	ug/l #	5

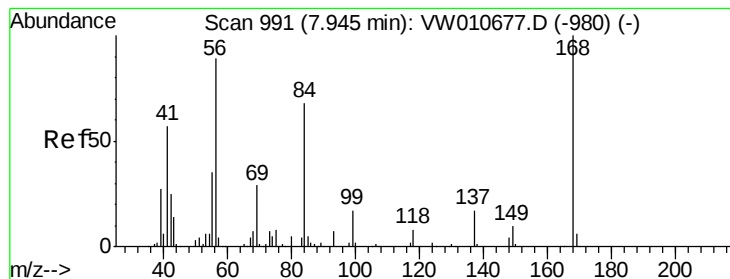
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010695.D

Acq: 05 Jun 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

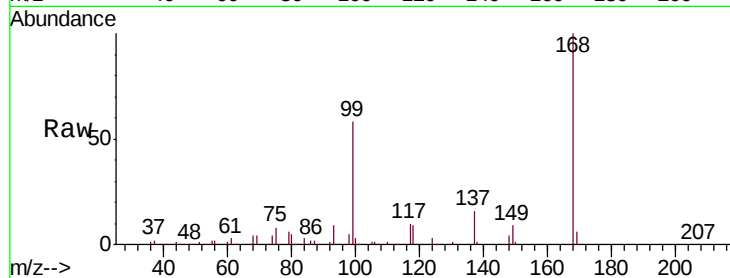
FK-BPM-03-008-ABCD

Tgt Ion: 168 Resp: 216413

Ion Ratio Lower Upper

168 100

99 58.0 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

100000

80000

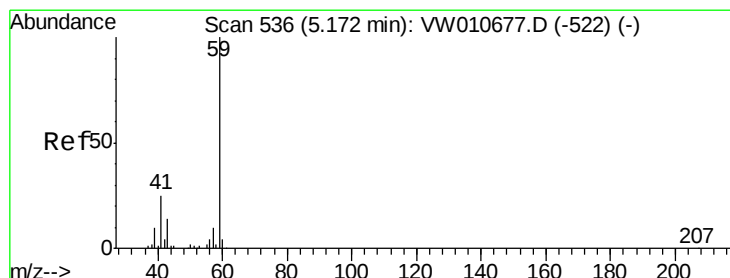
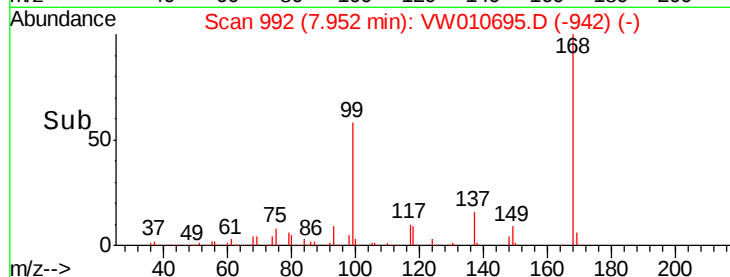
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 4.615 ug/l

RT: 5.13 min Scan# 529

Delta R.T. -0.04 min

Lab File: VW010695.D

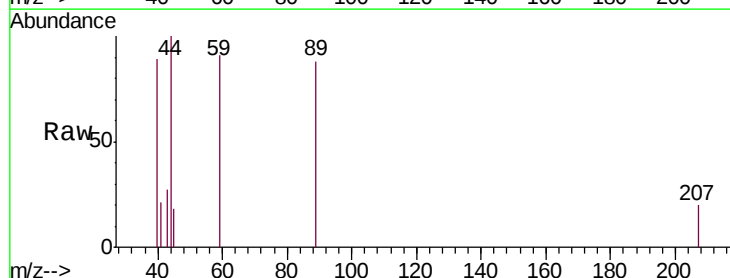
Acq: 05 Jun 2019 16:33

Tgt Ion: 59 Resp: 959

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.13

400

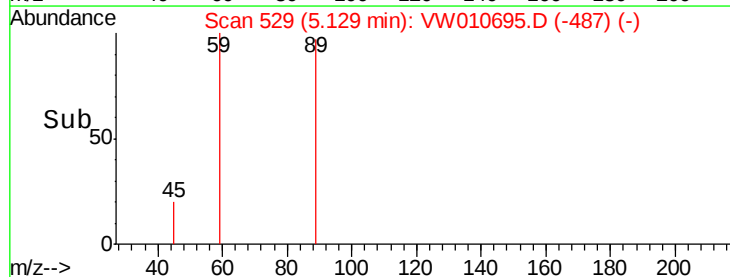
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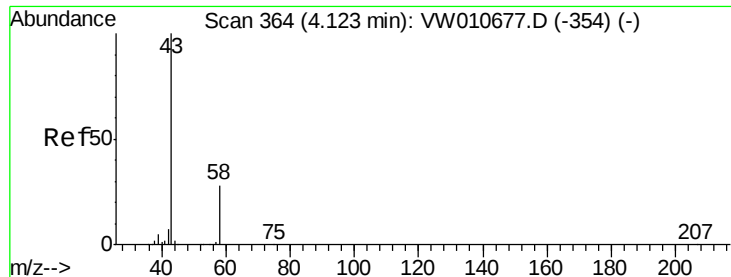
200

100

0

Time-->





#16

Acetone

Concen: 4.521 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW010695.D

Acq: 05 Jun 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

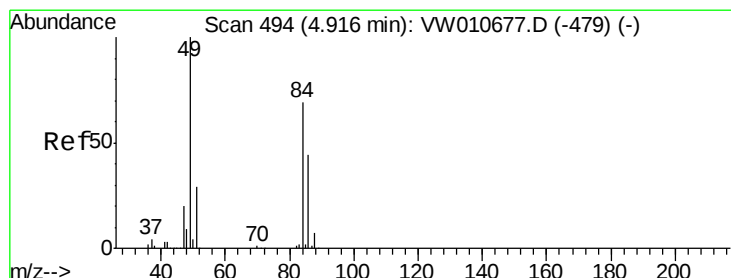
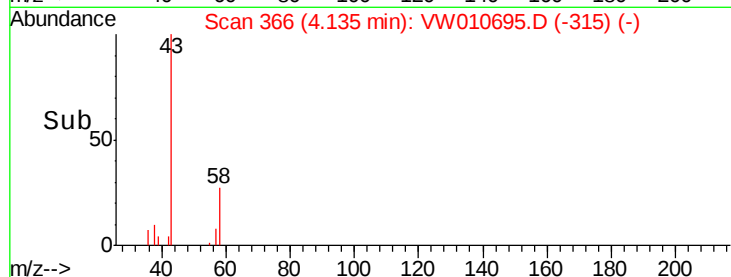
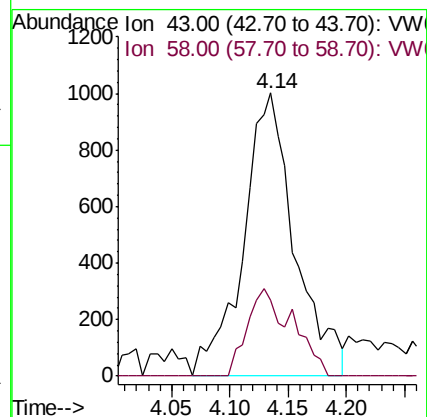
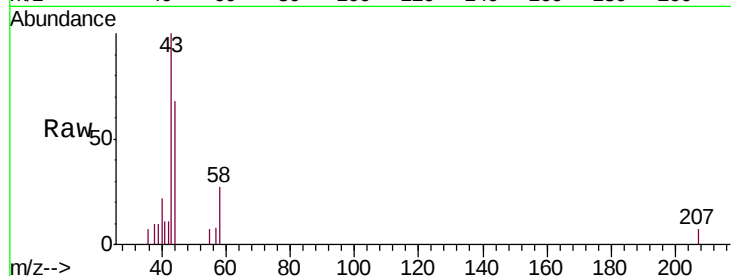
FK-BPM-03-008-ABCD

Tgt Ion: 43 Resp: 3090

Ion Ratio Lower Upper

43 100

58 26.9 22.1 33.1



#20

Methylene Chloride

Concen: 3.916 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW010695.D

Acq: 05 Jun 2019 16:33

Tgt Ion: 84 Resp: 9390

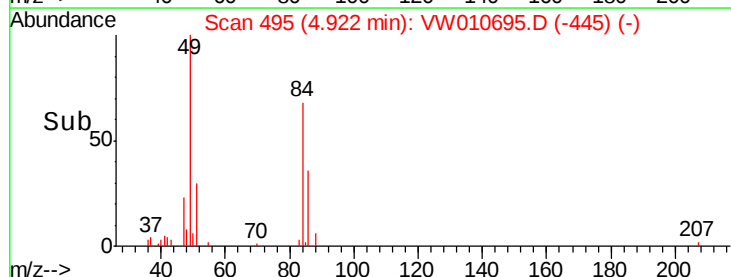
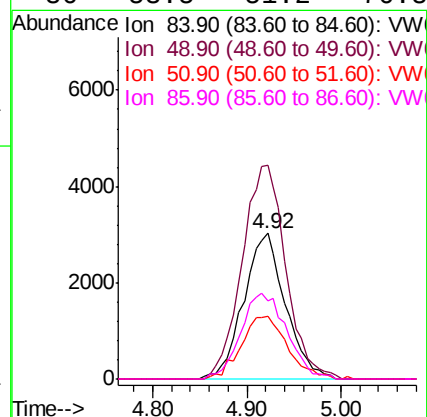
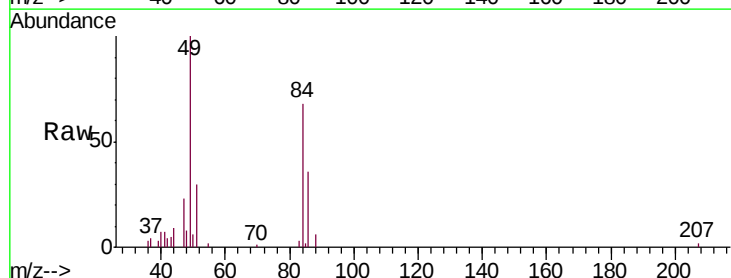
Ion Ratio Lower Upper

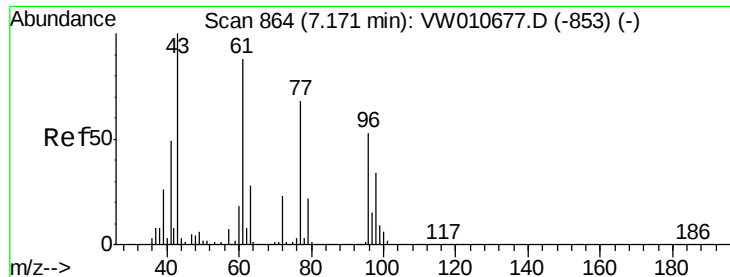
84 100

49 146.9 116.7 175.1

51 43.6 34.2 51.2

86 53.5 51.2 76.8





#25

2-Butanone

Concen: 3.776 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW010695.D

Acq: 05 Jun 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

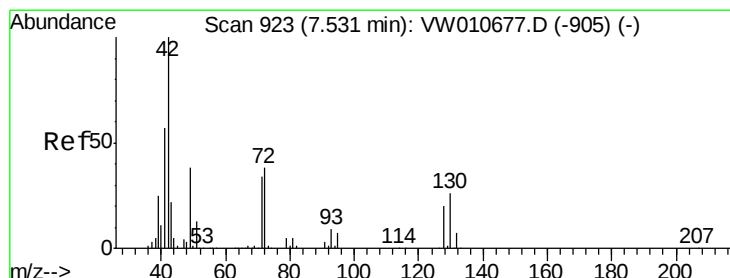
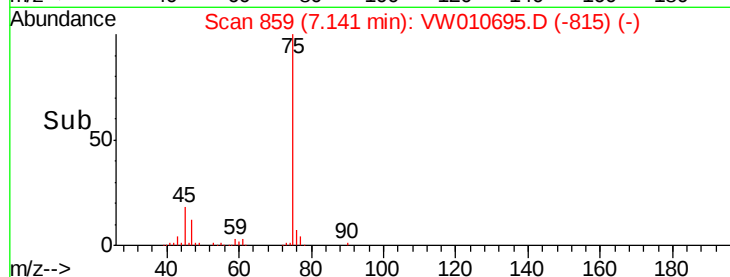
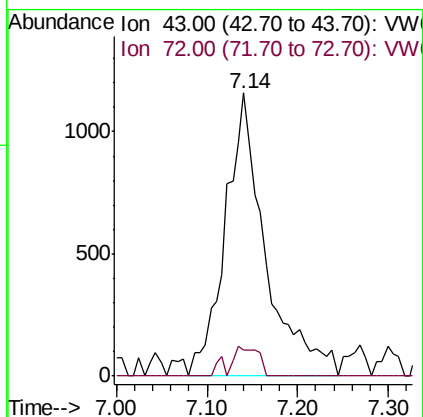
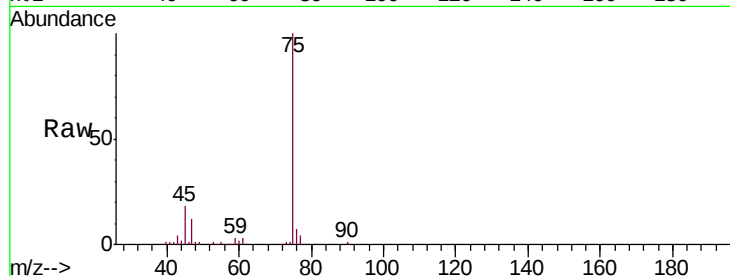
FK-BPM-03-008-ABCD

Tgt Ion: 43 Resp: 3579

Ion Ratio Lower Upper

43 100

72 9.2 18.1 27.1#



#29

Tetrahydrofuran

Concen: 2.805 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW010695.D

Acq: 05 Jun 2019 16:33

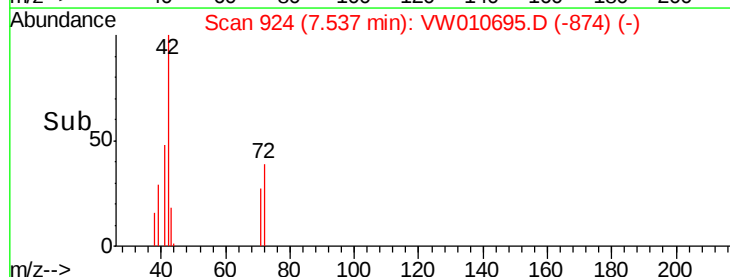
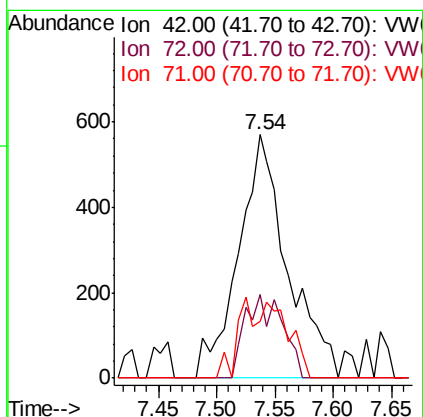
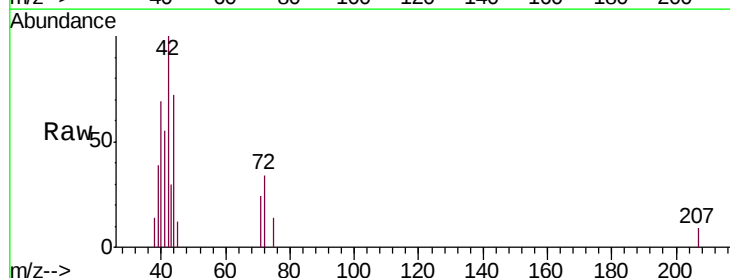
Tgt Ion: 42 Resp: 1672

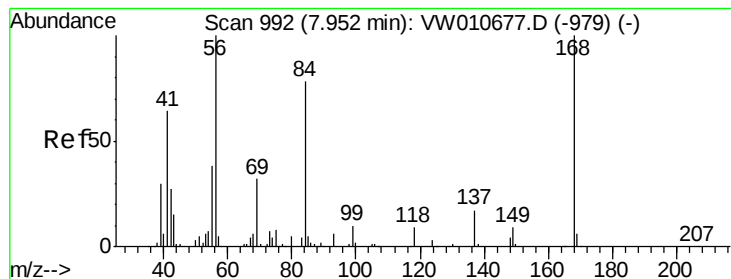
Ion Ratio Lower Upper

42 100

72 25.8 28.7 43.1#

71 16.3 26.6 39.8#





#31

Cyclohexane

Concen: 1.119 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010695.D

Acq: 05 Jun 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

FK-BPM-03-008-ABCD

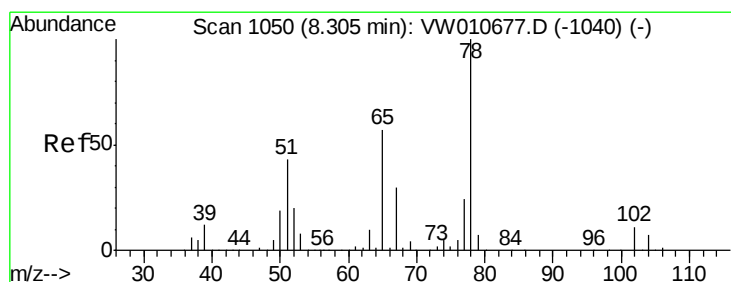
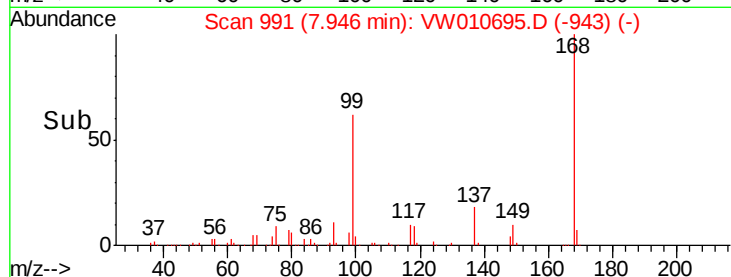
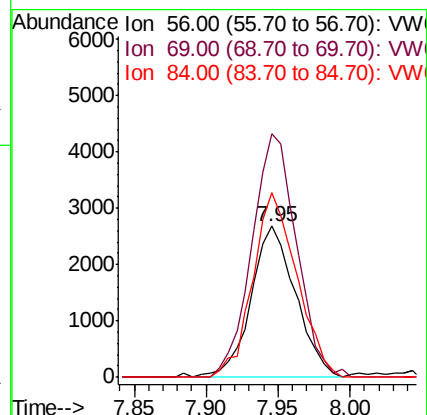
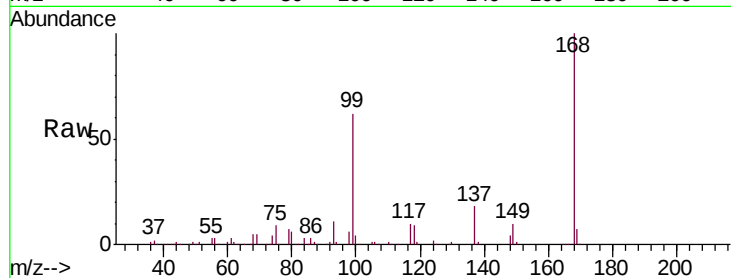
Tgt Ion: 56 Resp: 5759

Ion Ratio Lower Upper

56 100

69 160.9 25.2 37.8#

84 122.0 62.2 93.2#



#33

1,2-Dichloroethane-d4

Concen: 60.201 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW010695.D

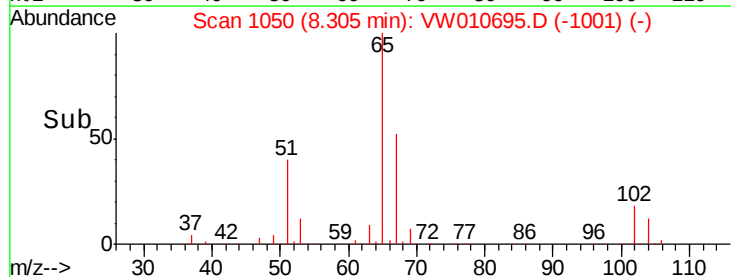
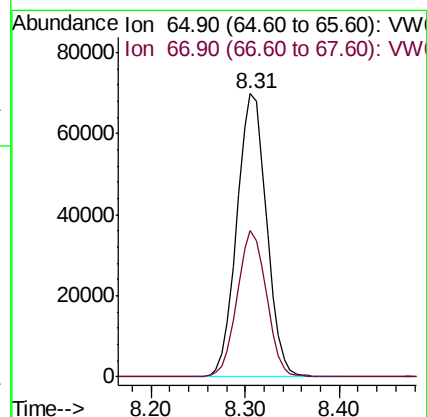
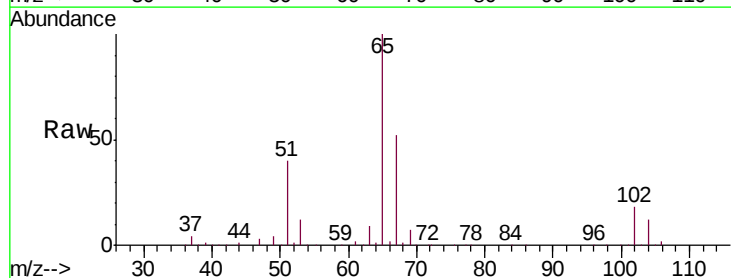
Acq: 05 Jun 2019 16:33

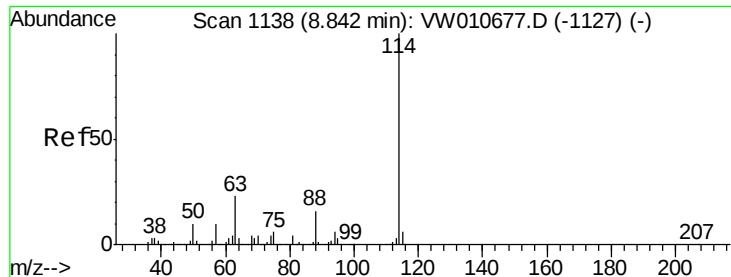
Tgt Ion: 65 Resp: 153559

Ion Ratio Lower Upper

65 100

67 51.1 0.0 102.6

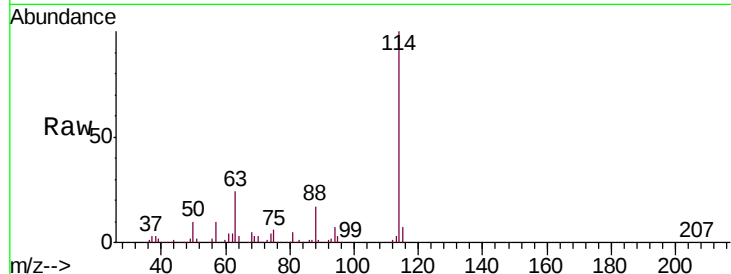




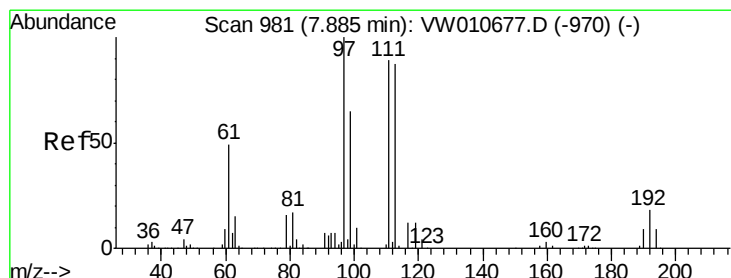
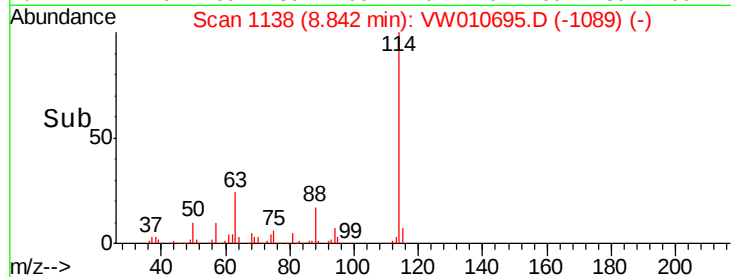
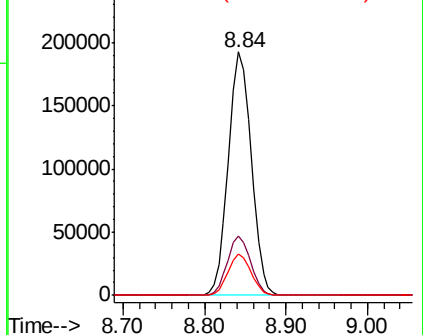
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010695.D
 Acq: 05 Jun 2019 16:33

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-BPM-03-008-ABCD

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.3	0.0	46.4
88	16.9	0.0	32.2

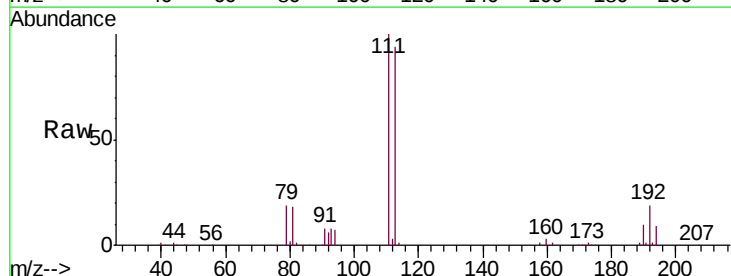


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

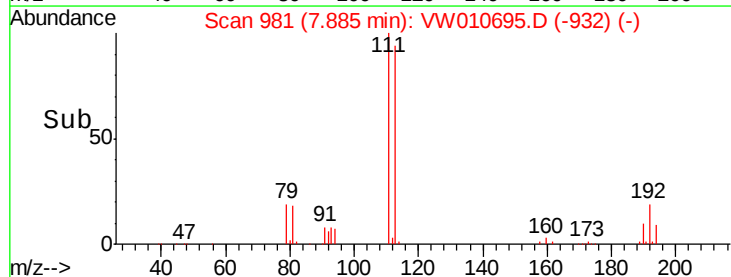
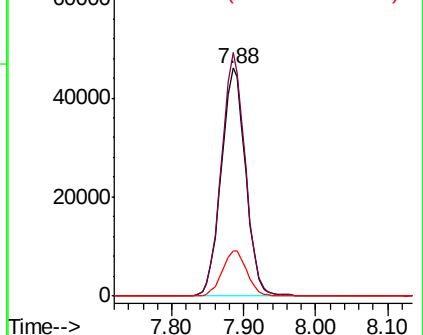


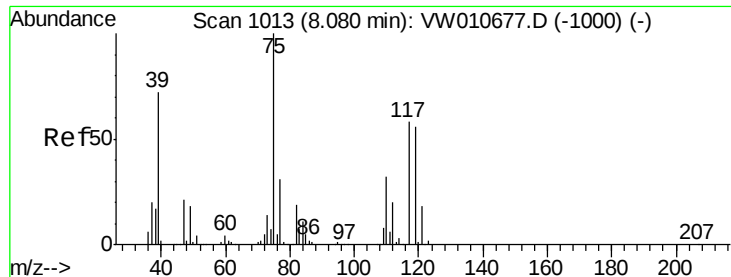
#35
 Dibromofluoromethane
 Concen: 53.283 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW010695.D
 Acq: 05 Jun 2019 16:33

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.6	123.8
192	20.0	16.4	24.6



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

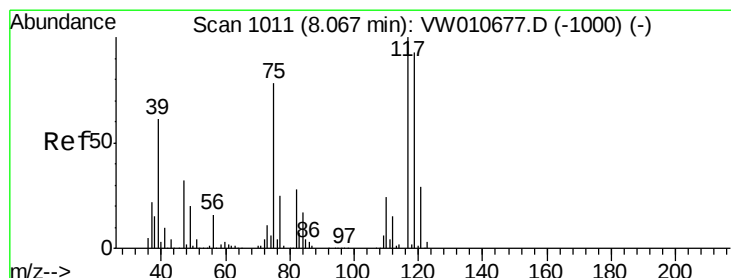
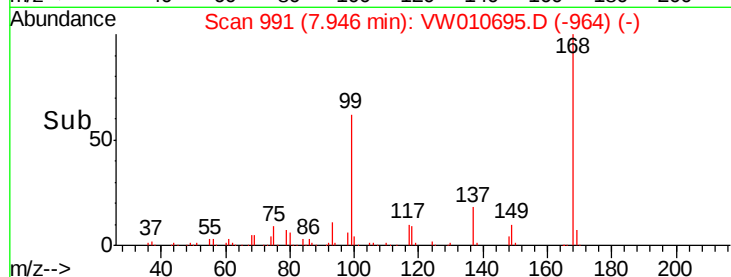
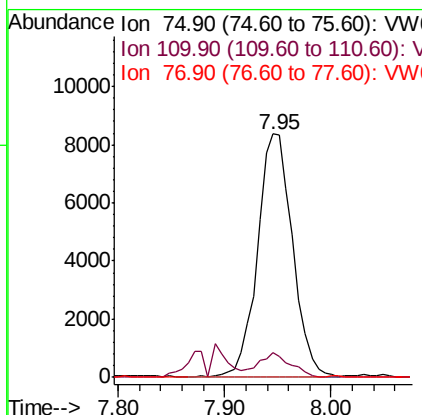
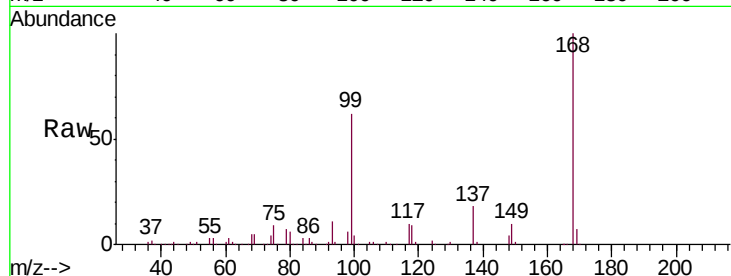




#36
 1,1-Dichloropropene
 Concen: 5.022 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010695.D
 Acq: 05 Jun 2019 16:33

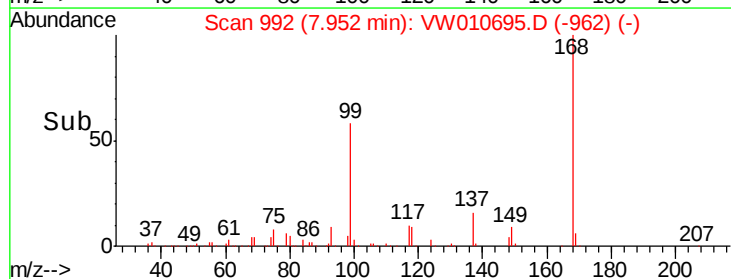
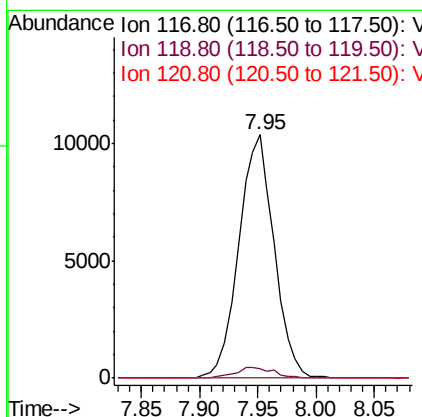
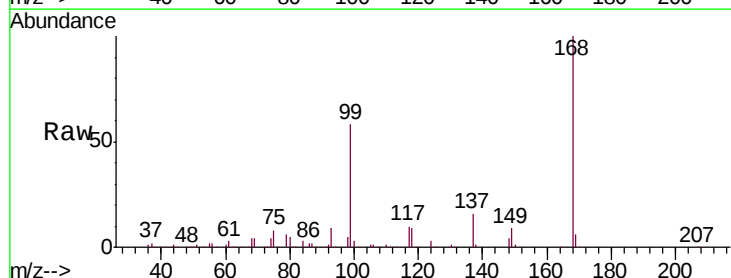
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 MSVOA_W
 ClientSampleId :
 FK-BPM-03-008-ABCD

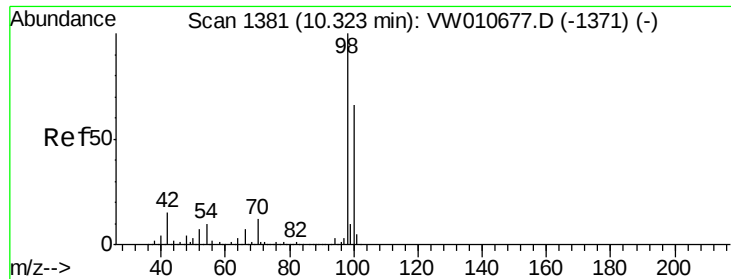
Tgt Ion: 75 Resp: 19285
 Ion Ratio Lower Upper
 75 100
 110 9.4 15.8 47.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.595 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW010695.D
 Acq: 05 Jun 2019 16:33

Tgt Ion: 117 Resp: 21862
 Ion Ratio Lower Upper
 117 100
 119 3.8 74.2 111.4#
 121 0.0 22.9 34.3#





#50

Toluene-d8

Concen: 55.145 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010695.D

Acq: 05 Jun 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

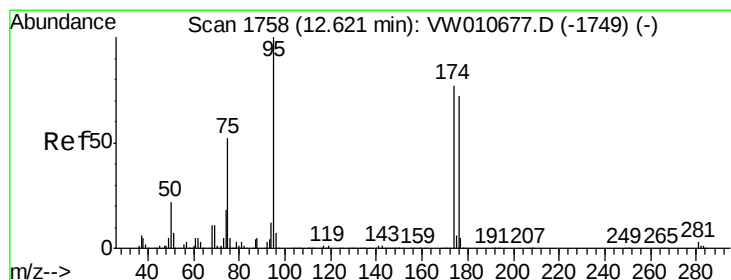
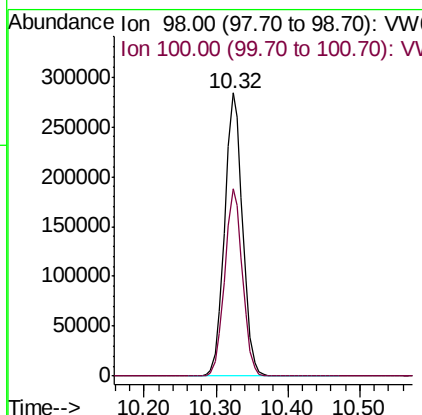
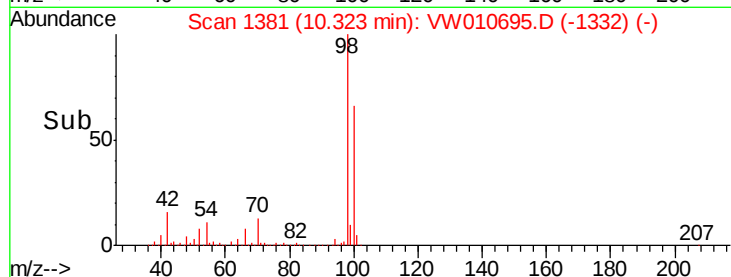
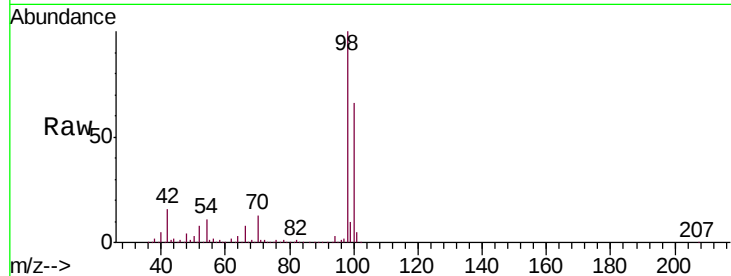
FK-BPM-03-008-ABCD

Tgt Ion: 98 Resp: 492403

Ion Ratio Lower Upper

98 100

100 65.7 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 54.319 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010695.D

Acq: 05 Jun 2019 16:33

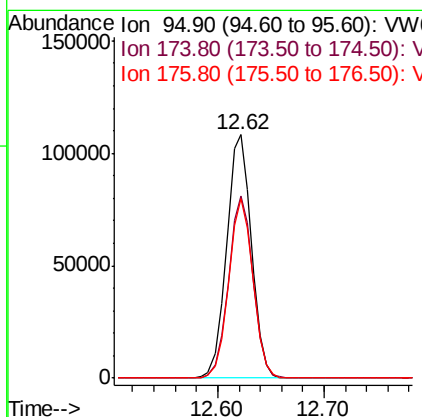
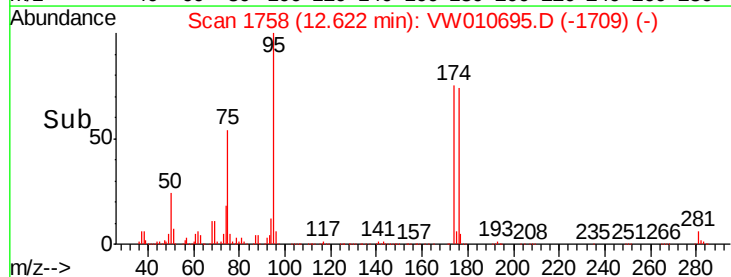
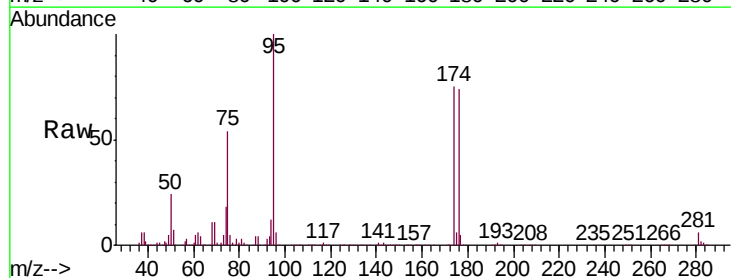
Tgt Ion: 95 Resp: 176495

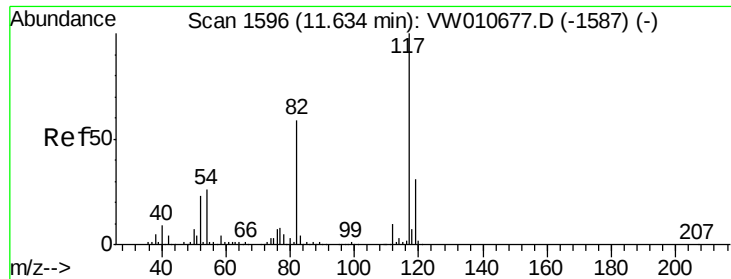
Ion Ratio Lower Upper

95 100

174 73.8 0.0 150.4

176 72.1 0.0 144.8

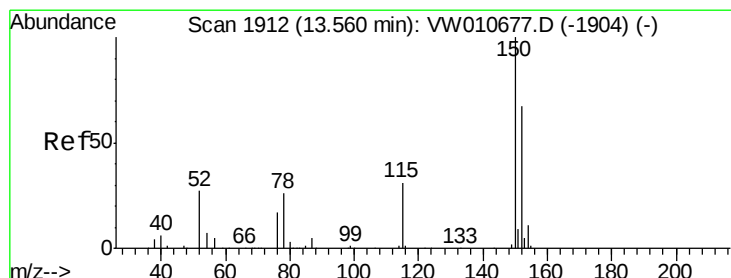
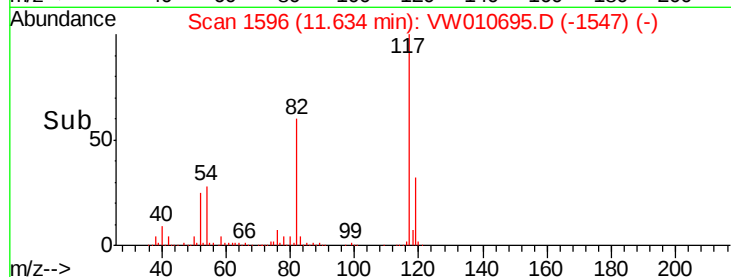
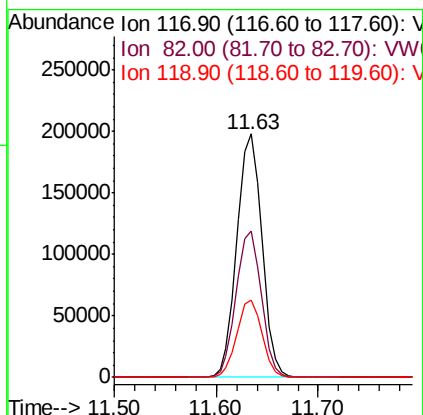
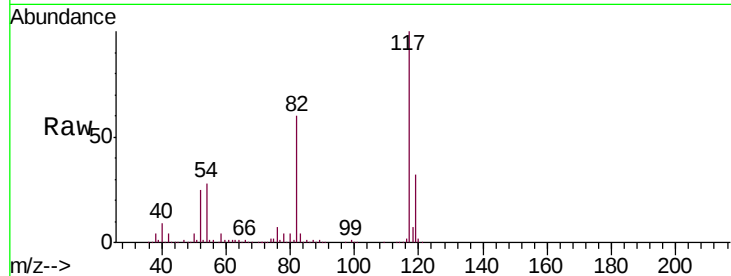




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010695.D
Acq: 05 Jun 2019 16:33

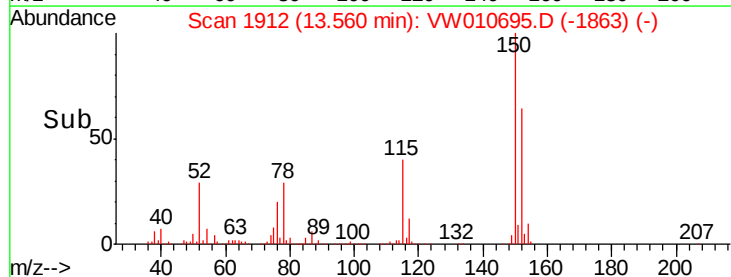
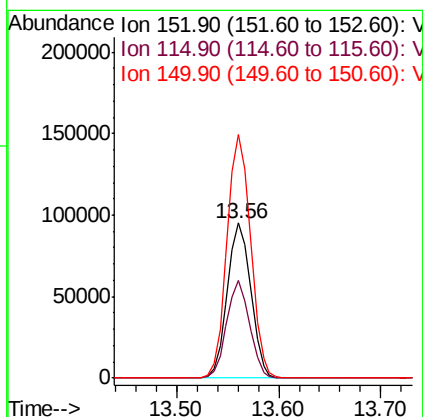
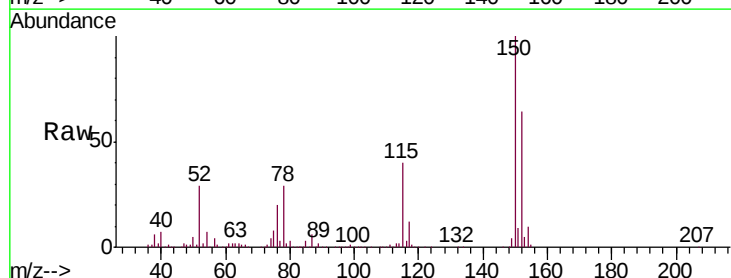
Instrument :
MSVOA_W
ClientSampleId :
FK-BPM-03-008-ABCD

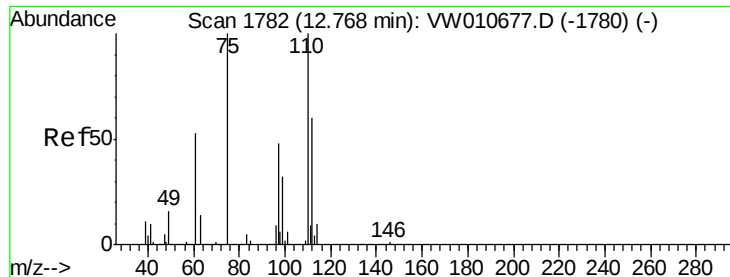
Tgt Ion:117 Resp: 336543
Ion Ratio Lower Upper
117 100
82 59.9 47.0 70.4
119 31.5 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW010695.D
Acq: 05 Jun 2019 16:33

Tgt Ion:152 Resp: 152032
Ion Ratio Lower Upper
152 100
115 61.0 29.8 89.3
150 156.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 60.170 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010695.D

Acq: 05 Jun 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

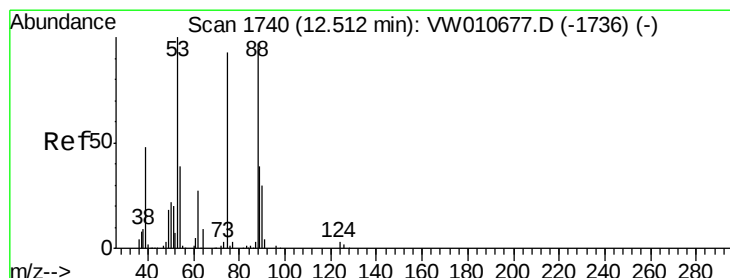
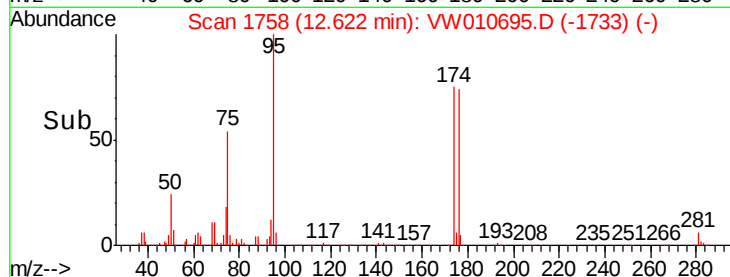
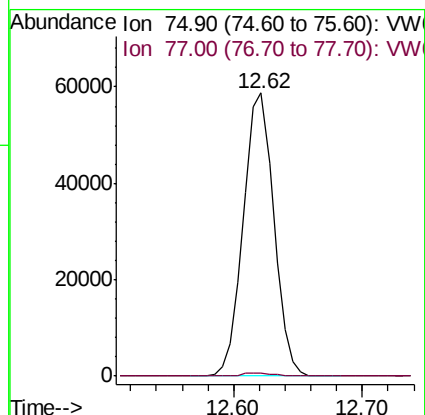
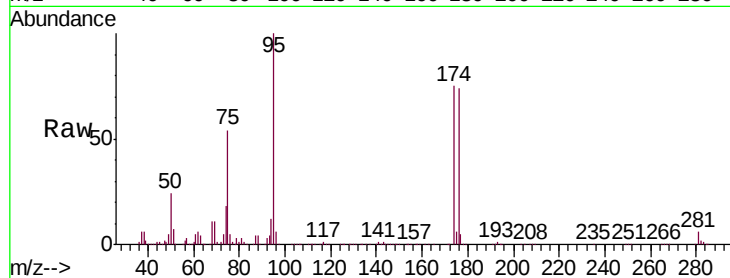
FK-BPM-03-008-ABCD

Tgt Ion: 75 Resp: 96064

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 138.290 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010695.D

Acq: 05 Jun 2019 16:33

Tgt Ion: 75 Resp: 96064

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

89 0.1 34.6 52.0#

