

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052819\
 Data File : VW010576.D
 Acq On : 28 May 2019 19:18
 Operator : SY/VA
 Sample : K2433-02
 Misc : 4.39G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-BPM-04-002-ABCD

Quant Time: May 29 07:03:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	132918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	234484	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	210086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	94858	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	73321	53.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.88%	
35) Dibromofluoromethane	7.88	113	70559	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
50) Toluene-d8	10.32	98	286816	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	
62) 4-Bromofluorobenzene	12.62	95	107858	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	

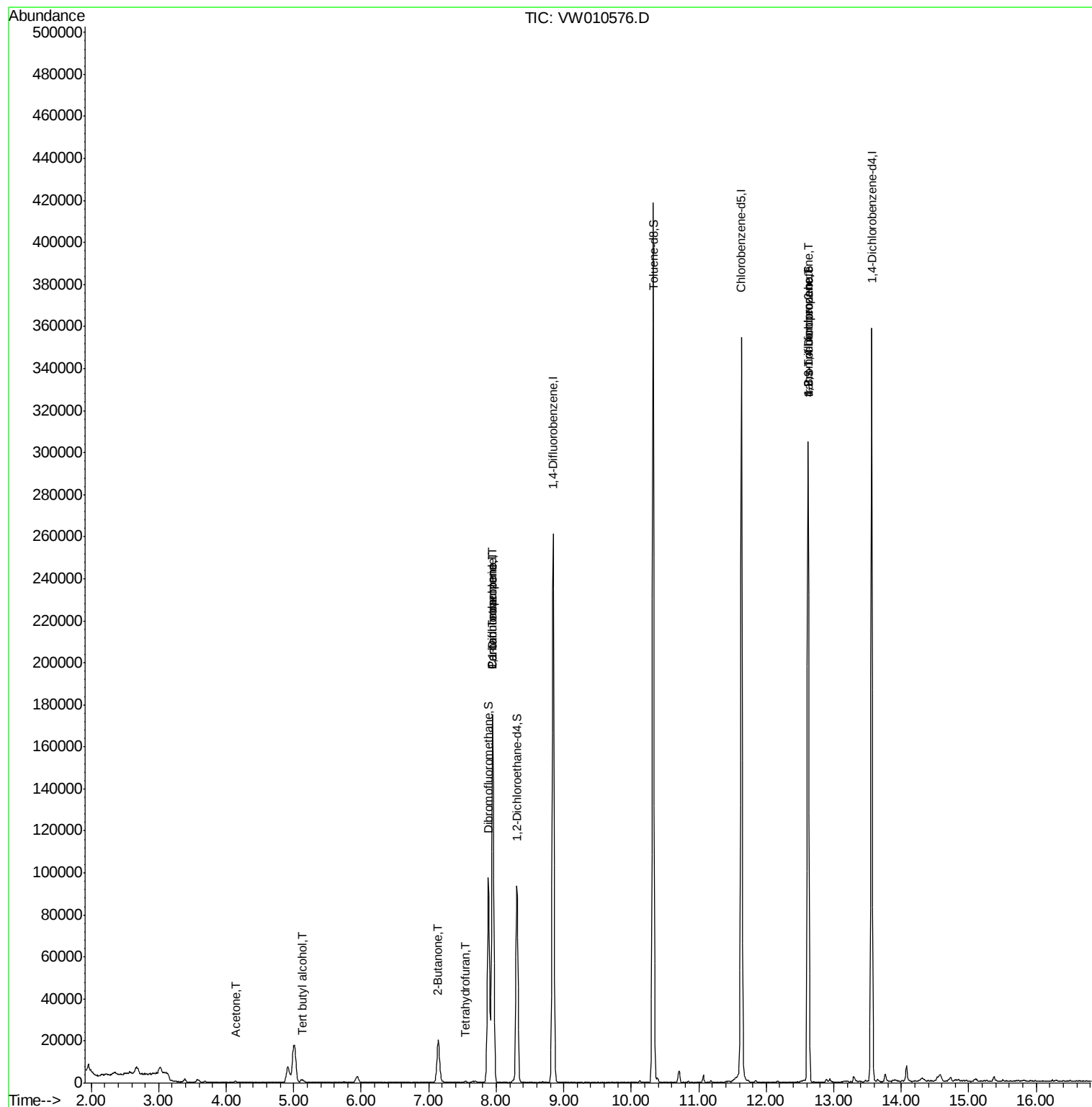
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	49	Below Cal	#	42
11) Tert butyl alcohol	5.12	59	1307	10.591	ug/l #	71
16) Acetone	4.14	43	1200	4.285	ug/l	94
20) Methylene Chloride	4.91	84	6246	Below Cal		96
25) 2-Butanone	7.14	43	1082	2.700	ug/l #	45
29) Tetrahydrofuran	7.53	42	439	1.619	ug/l #	84
36) 1,1-Dichloropropene	7.95	75	10131	4.638	ug/l #	48
38) Carbon Tetrachloride	7.95	117	14036	5.957	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	50678	52.632	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	50678	109.845	ug/l #	14

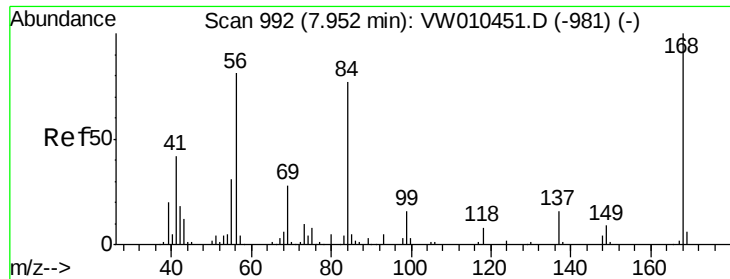
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW052819\
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Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010576.D

Acq: 28 May 2019 19:18

Instrument :

MSVOA_W

ClientSampleId :

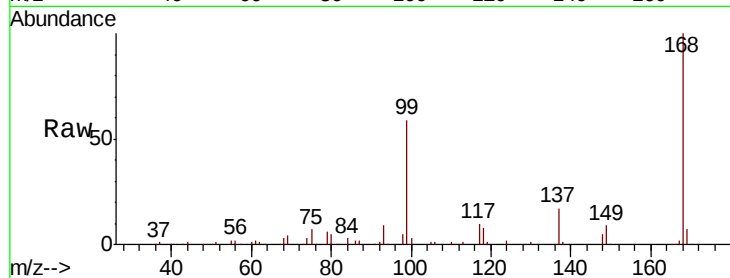
FK-BPM-04-002-ABCD

Tot Ion:168 Resp: 132918

Ion Ratio Lower Upper

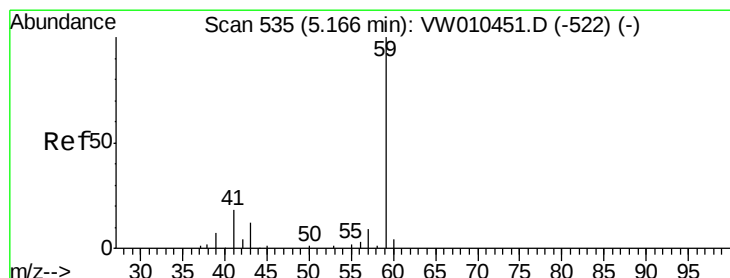
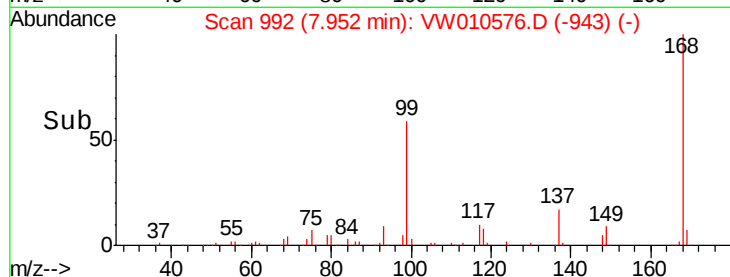
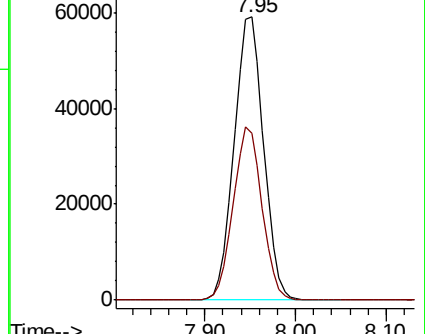
168 100

99 59.1 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 10.591 ug/l

RT: 5.12 min Scan# 528

Delta R.T. -0.04 min

Lab File: VW010576.D

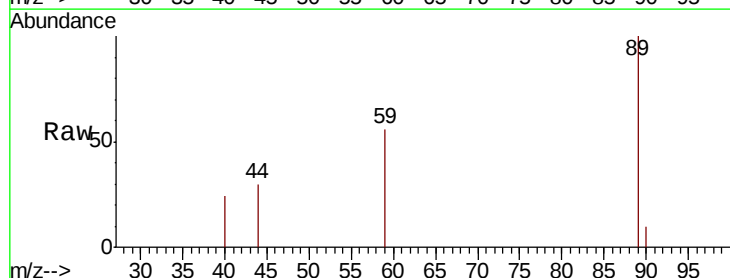
Acq: 28 May 2019 19:18

Tgt Ion: 59 Resp: 1307

Ion Ratio Lower Upper

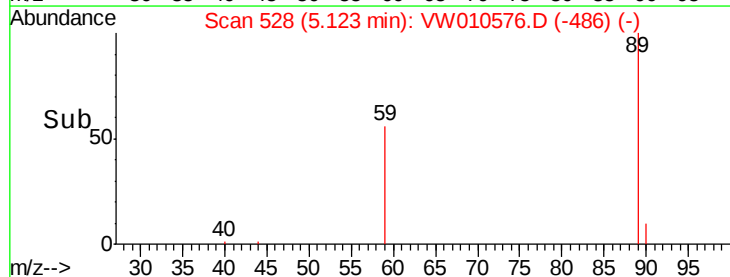
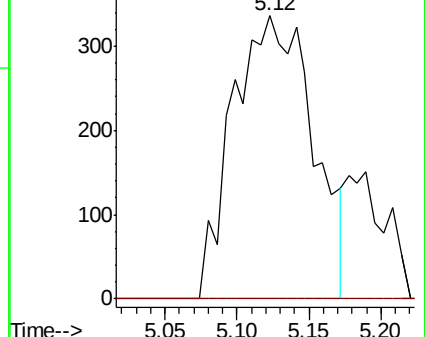
59 100

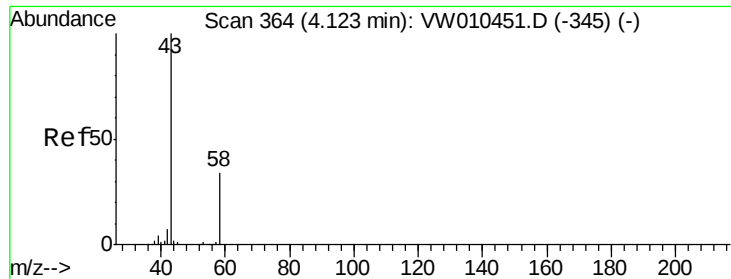
57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

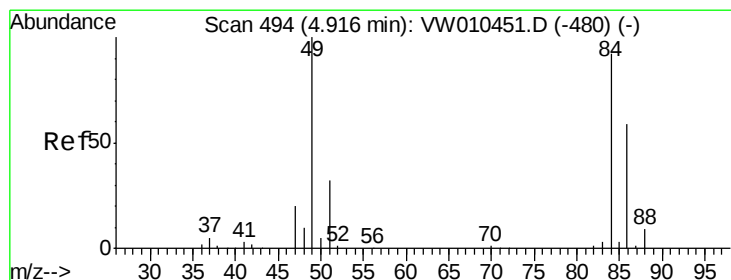
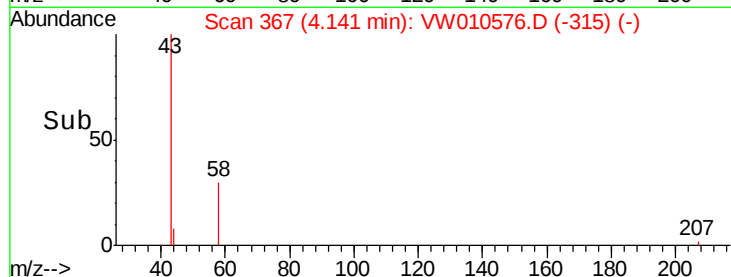
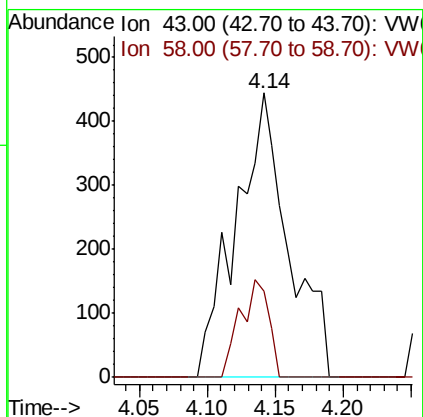
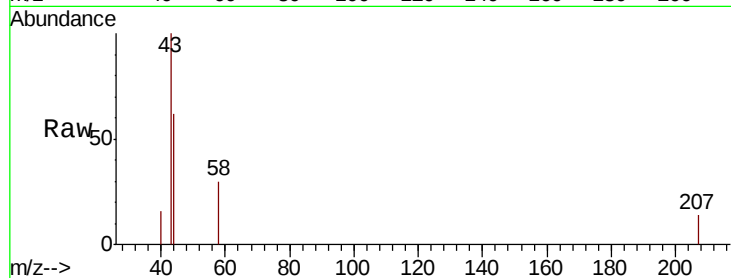




#16
Acetone
Concen: 4.285 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.02 min
Lab File: VW010576.D
Acq: 28 May 2019 19:18

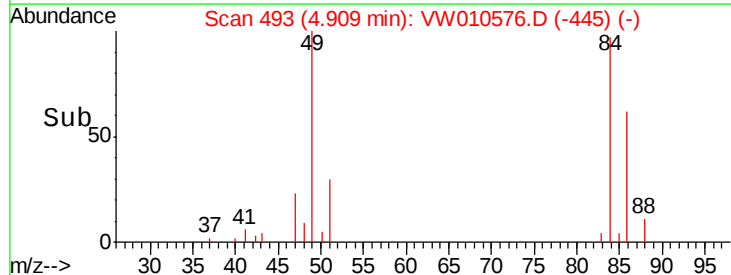
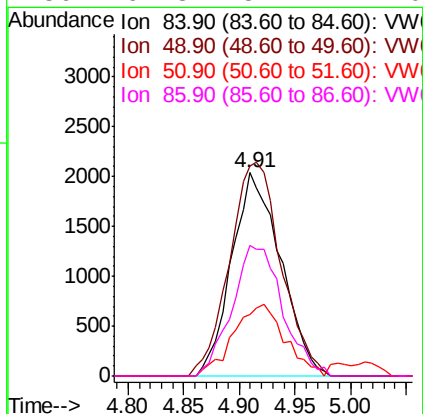
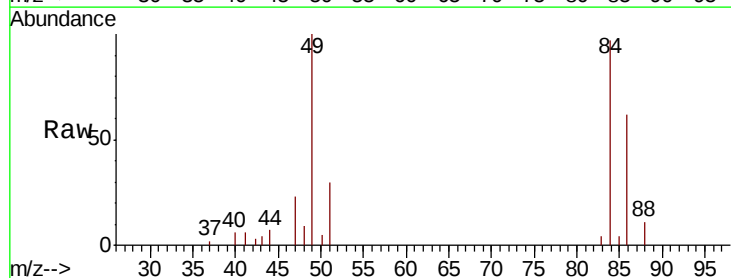
Instrument :
MSVOA_W
ClientSampleId :
FK-BPM-04-002-ABCD

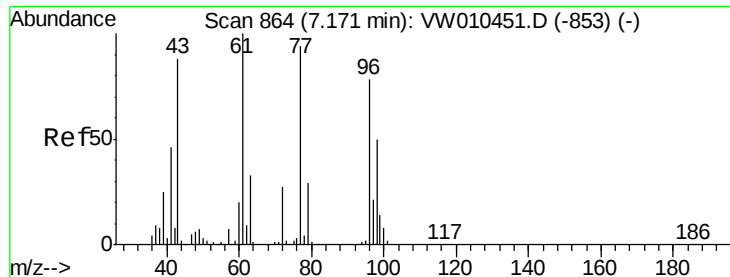
Tot Ion: 43 Resp: 1200
Ion Ratio Lower Upper
43 100
58 30.2 27.0 40.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW010576.D
Acq: 28 May 2019 19:18

Tgt Ion: 84 Resp: 6246
Ion Ratio Lower Upper
84 100
49 103.4 87.2 130.8
51 30.6 27.7 41.5
86 64.3 51.4 77.0





#25

2-Butanone

Concen: 2.700 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW010576.D

Acq: 28 May 2019 19:18

Instrument :

MSVOA_W

ClientSampleId :

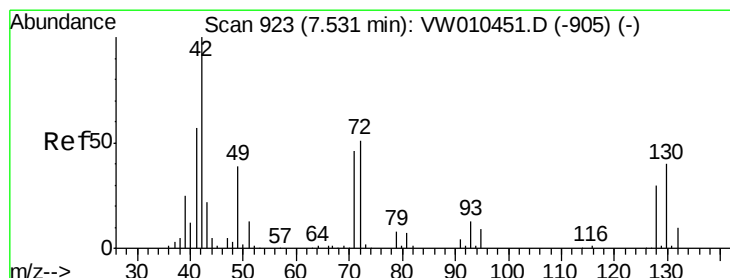
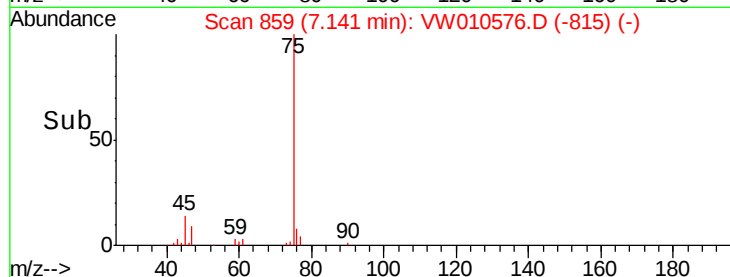
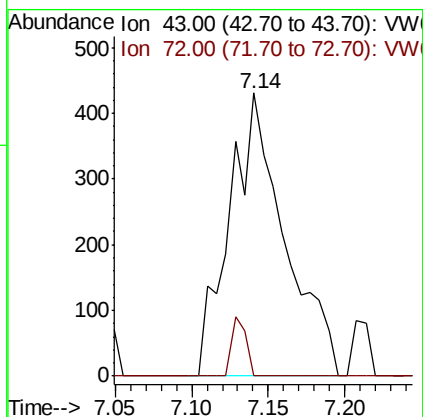
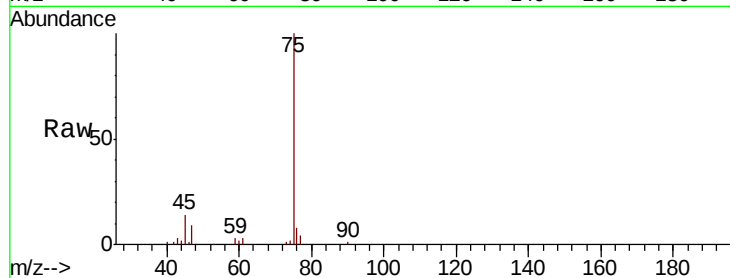
FK-BPM-04-002-ABCD

Tot Ion: 43 Resp: 1082

Ion Ratio Lower Upper

43 100

72 0.0 24.1 36.1#



#29

Tetrahydrofuran

Concen: 1.619 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW010576.D

Acq: 28 May 2019 19:18

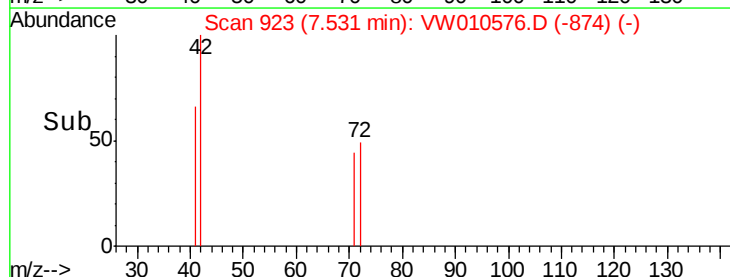
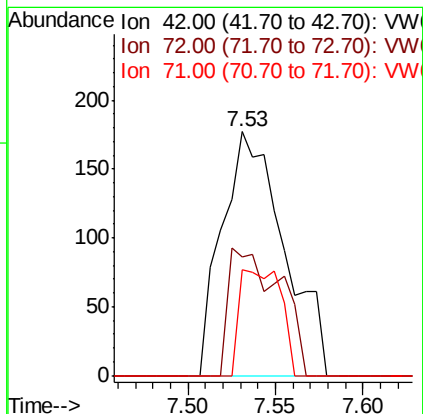
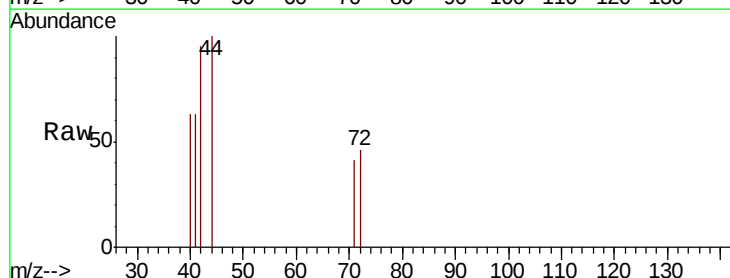
Tgt Ion: 42 Resp: 439

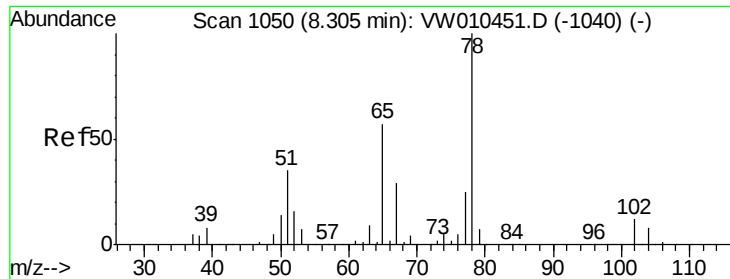
Ion Ratio Lower Upper

42 100

72 43.3 38.5 57.7

71 29.2 36.5 54.7#

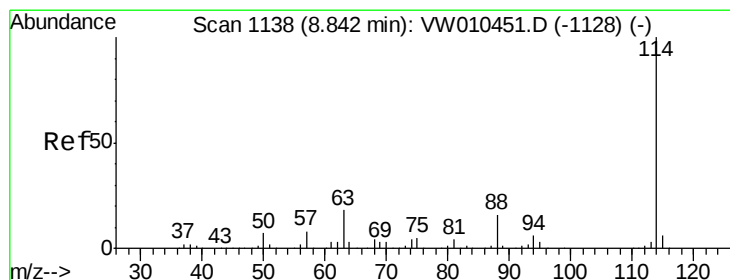
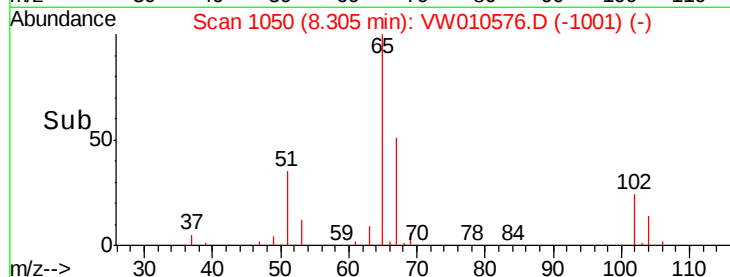
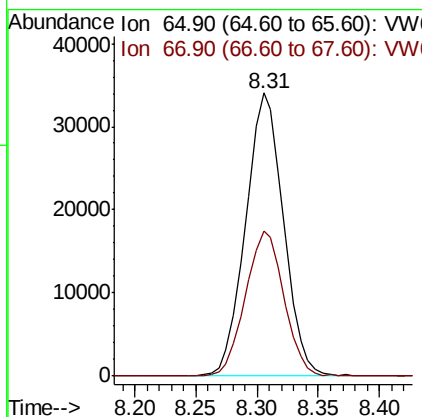
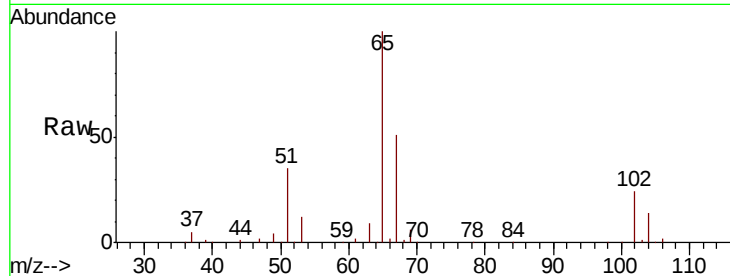




#33
 1,2-Dichloroethane-d4
 Concen: 53.443 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010576.D
 Acq: 28 May 2019 19:18

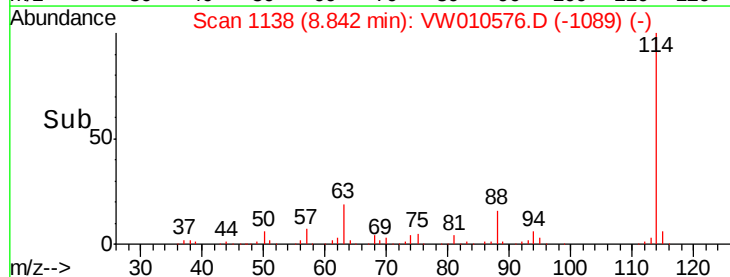
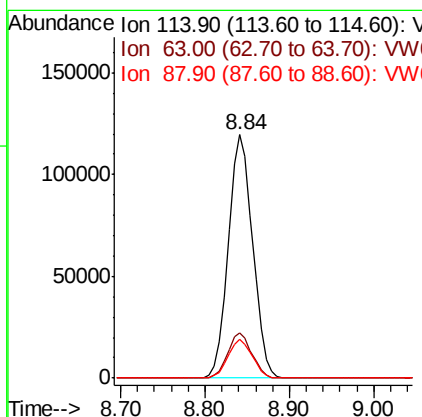
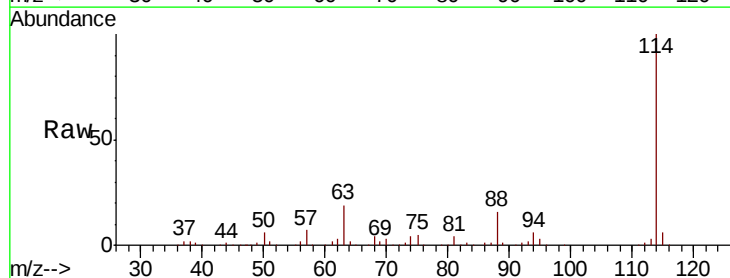
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-BPM-04-002-ABCD

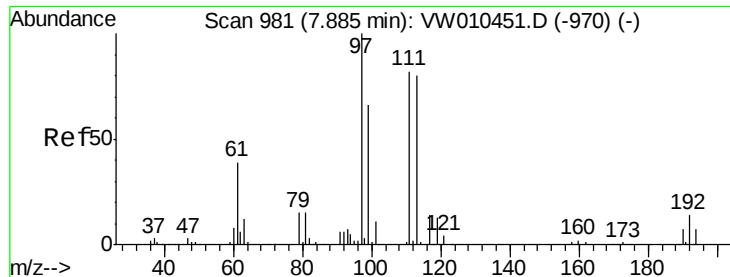
Tot Ion: 65 Resp: 73321
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010576.D
 Acq: 28 May 2019 19:18

Tgt Ion: 114 Resp: 234484
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 36.0
 88 15.8 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.592 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010576.D

Acq: 28 May 2019 19:18

Instrument :

MSVOA_W

ClientSampleId :

FK-BPM-04-002-ABCD

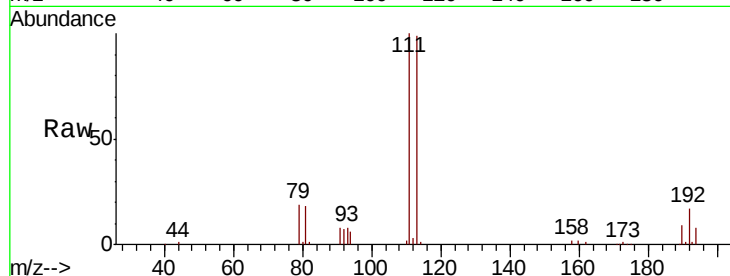
Tot Ion:113 Resp: 70559

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

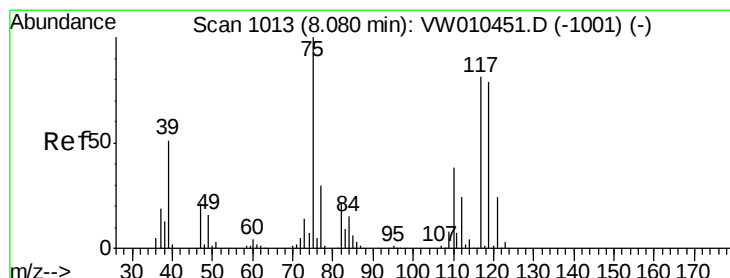
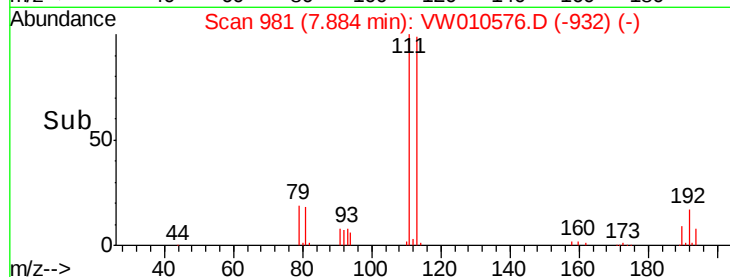
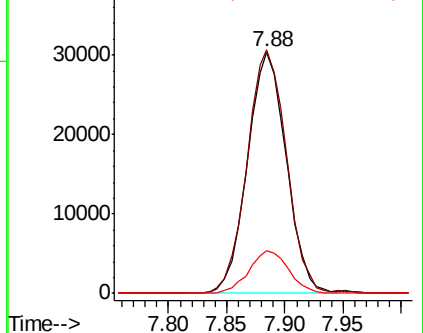
192 17.9 14.3 21.5



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: 4.638 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW010576.D

Acq: 28 May 2019 19:18

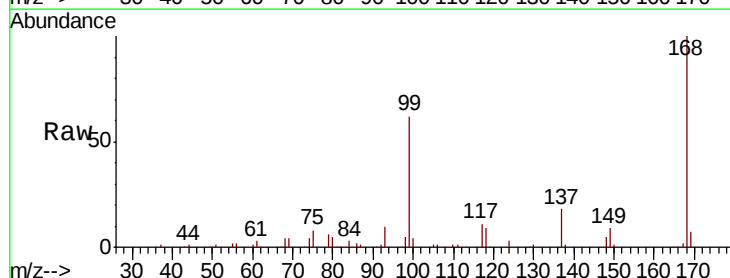
Tgt Ion: 75 Resp: 10131

Ion Ratio Lower Upper

75 100

110 8.9 19.2 57.6#

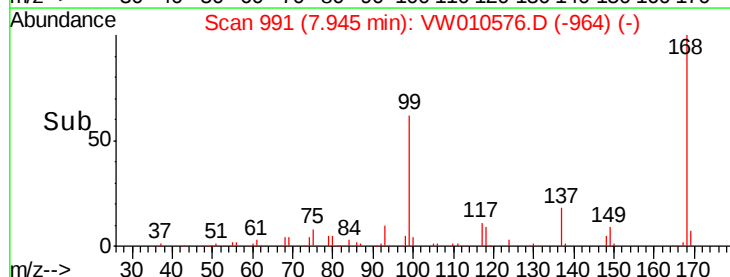
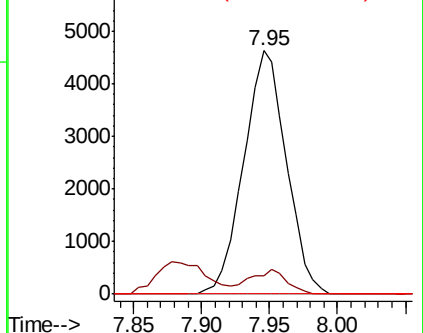
77 0.0 25.2 37.8#

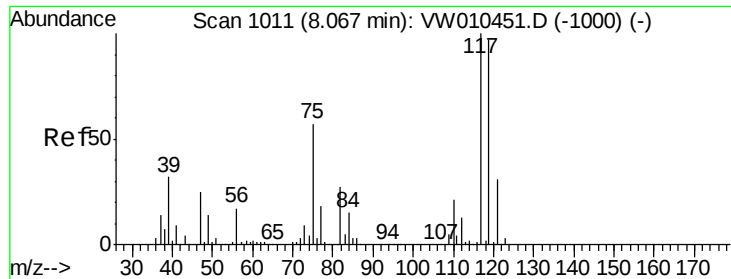


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.957 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW010576.D

Acq: 28 May 2019 19:18

Instrument :

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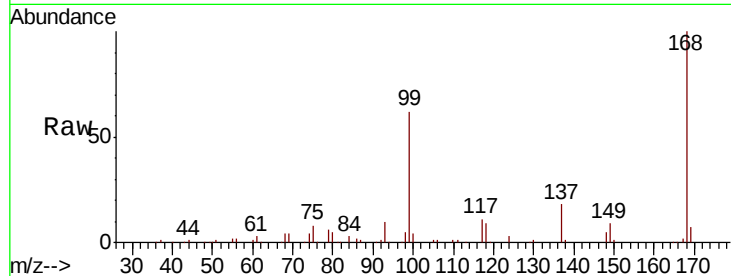
Tot Ion:117 Resp: 14036

Ion Ratio Lower Upper

117 100

119 3.2 77.4 116.0#

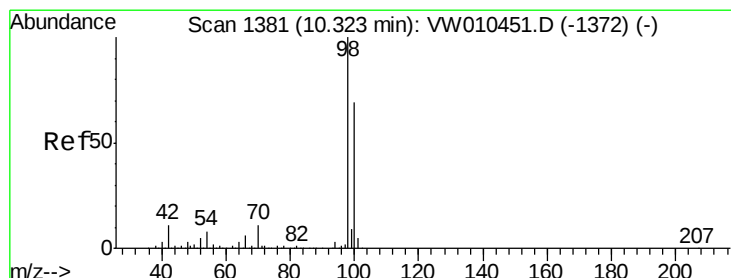
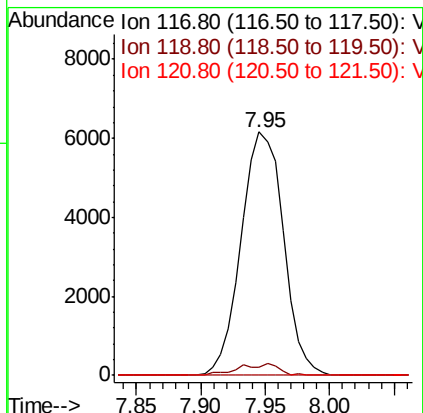
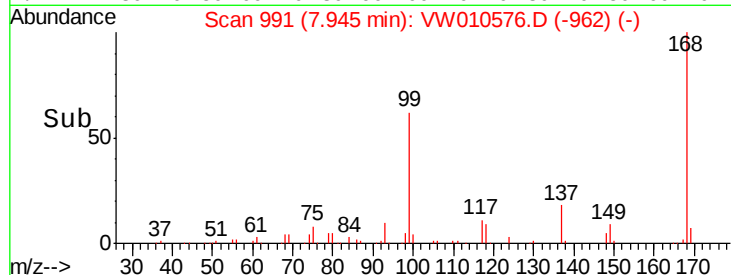
121 0.0 25.0 37.6#



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: 52.768 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010576.D

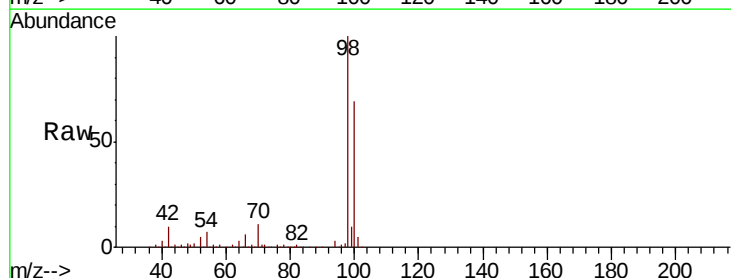
Acq: 28 May 2019 19:18

Tgt Ion: 98 Resp: 286816

Ion Ratio Lower Upper

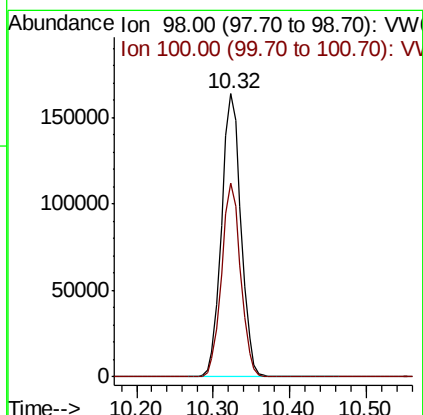
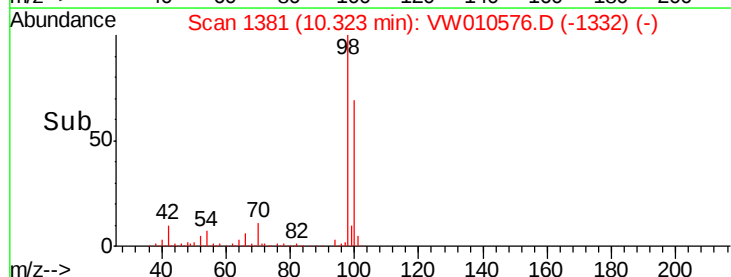
98 100

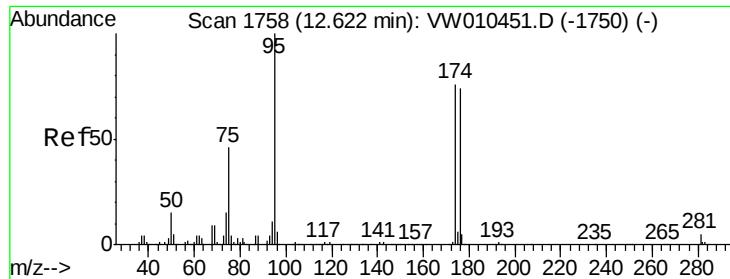
100 67.0 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

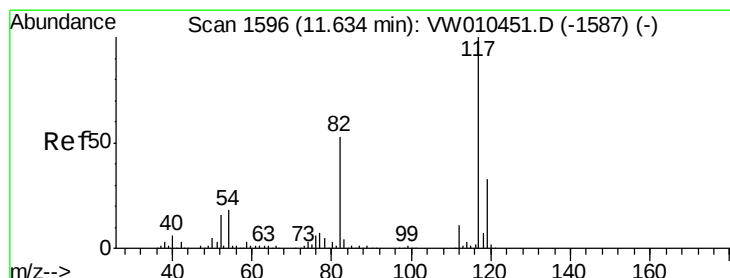
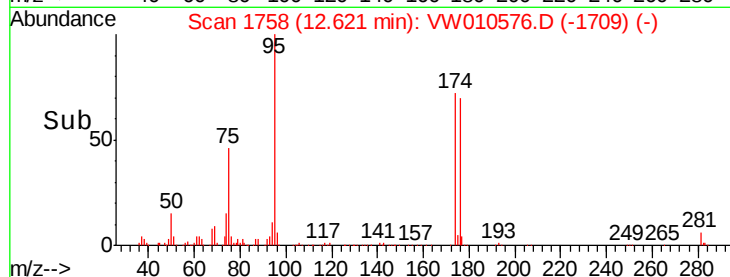
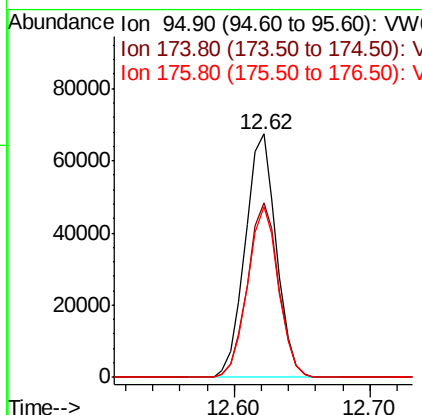
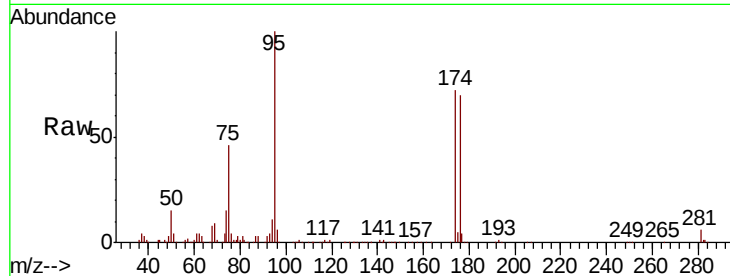




#62
4-Bromofluorobenzene
Concen: 49.819 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010576.D
Acq: 28 May 2019 19:18

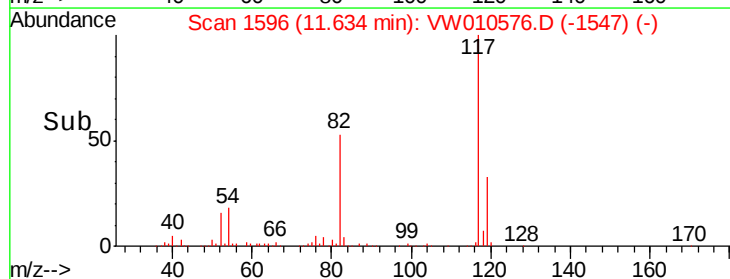
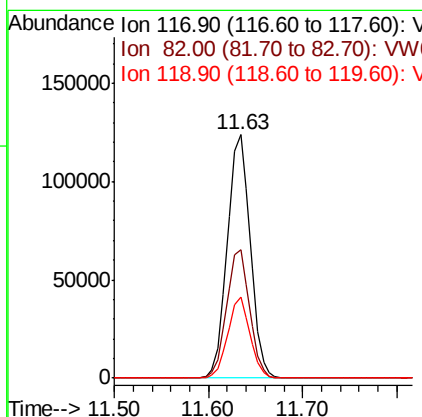
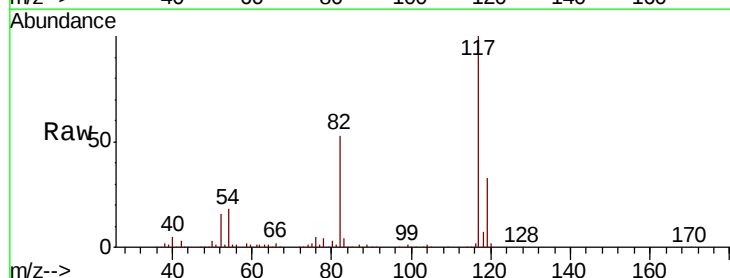
Instrument :
MSVOA_W
ClientSampleId :
FK-BPM-04-002-ABCD

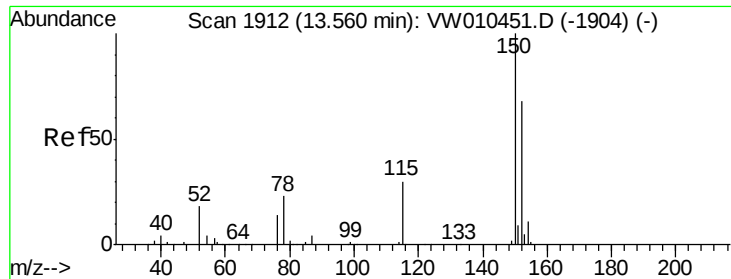
Tot Ion: 95 Resp: 107858
Ion Ratio Lower Upper
95 100
174 72.0 0.0 148.6
176 69.7 0.0 144.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010576.D
Acq: 28 May 2019 19:18

Tgt Ion: 117 Resp: 210086
Ion Ratio Lower Upper
117 100
82 52.5 42.8 64.2
119 33.2 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010576.D

Acq: 28 May 2019 19:18

Instrument :

MSVOA_W

ClientSampleId :

FK-BPM-04-002-ABCD

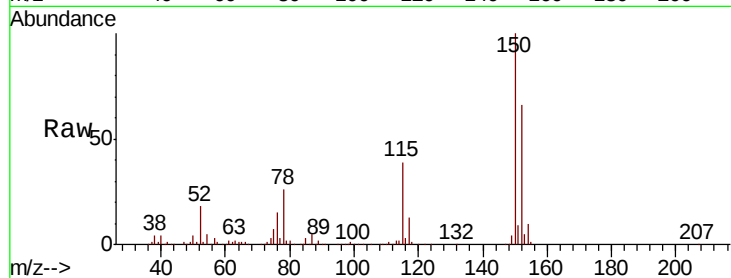
Tot Ion:152 Resp: 94858

Ion Ratio Lower Upper

152 100

115 61.6 30.3 91.0

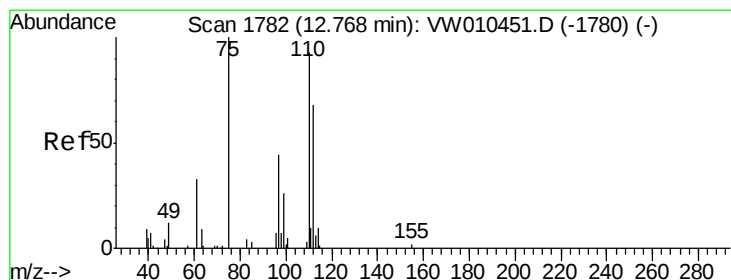
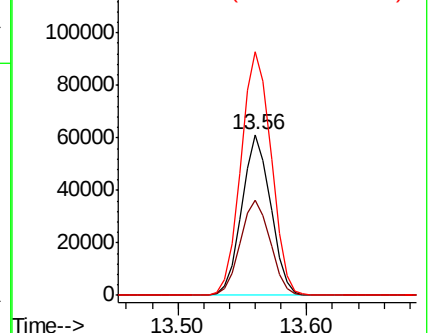
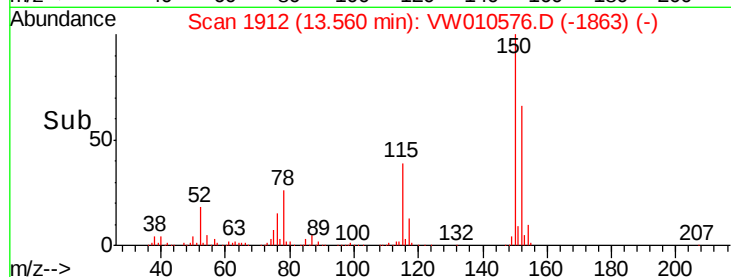
150 159.0 0.0 349.8



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: 52.632 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010576.D

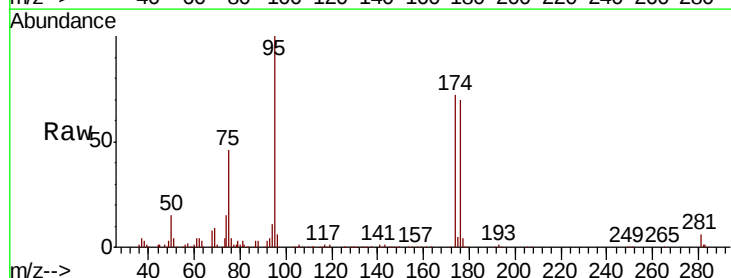
Acq: 28 May 2019 19:18

Tgt Ion: 75 Resp: 50678

Ion Ratio Lower Upper

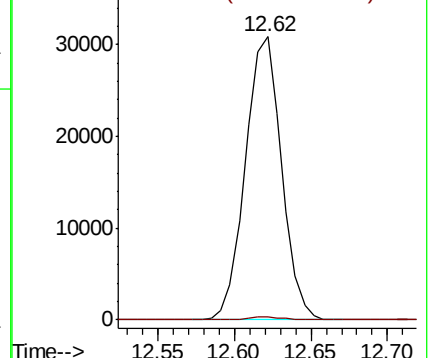
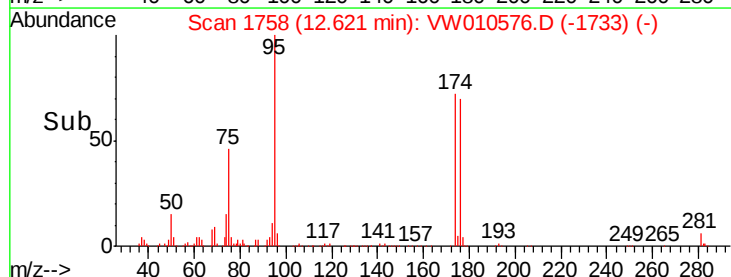
75 100

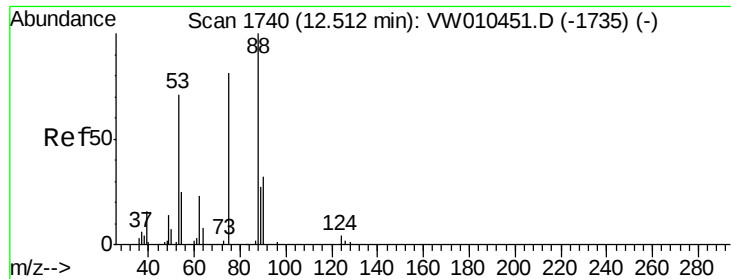
77 1.2 170.0 510.1#



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: 109.845 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010576.D

Acq: 28 May 2019 19:18

Instrument :

MSVOA_W

ClientSampleId :

FK-BPM-04-002-ABCD

Tot Ion: 75 Resp: 50678

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

89 0.0 39.5 59.3#

