

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090118\
 Data File : VW005068.D
 Acq On : 01 Sep 2018 06:34
 Operator : SY/AP
 Sample : J4730-02RE
 Misc : 8.22G/5ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-BPM-02-008-ABCDRE

Quant Time: Sep 03 23:53:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	421340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	669440	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	647717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	310809	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	166771	47.75	ug/l	0.00
Spiked Amount			Recovery	=	95.50%	
35) Dibromofluoromethane	7.89	113	165147	42.69	ug/l	0.00
Spiked Amount			Recovery	=	85.38%	
50) Toluene-d8	10.33	98	616883	34.61	ug/l	0.00
Spiked Amount			Recovery	=	69.22%	
62) 4-Bromofluorobenzene	12.63	95	218196	34.71	ug/l	0.00
Spiked Amount			Recovery	=	69.42%	

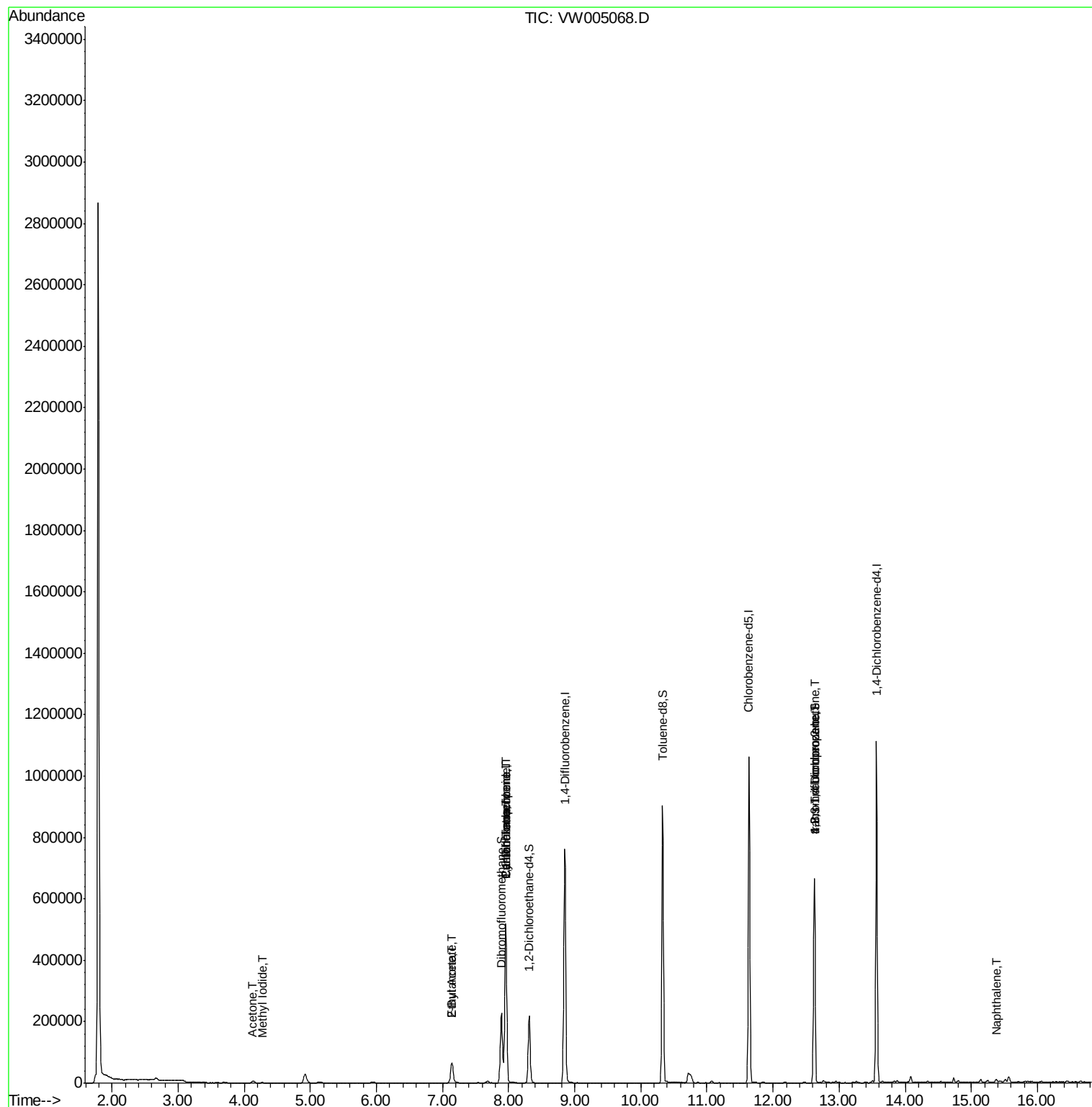
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.76	94	638	Below Cal	#	24
10) Methyl Iodide	4.28	142	1177	4.015	ug/l #	94
11) Tert butyl alcohol	5.13	59	1250	Below Cal	#	72
16) Acetone	4.13	43	8994	12.840	ug/l	97
25) 2-Butanone	7.15	43	3459	2.847	ug/l #	86
31) Cyclohexane	7.95	56	6914	1.008	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	28305	4.440	ug/l #	47
37) Ethyl Acetate	7.15	43	3459	1.451	ug/l #	1
38) Carbon Tetrachloride	7.96	117	37490	6.184	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	100362	43.018	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	100362	103.540	ug/l #	15
95) Naphthalene	15.38	128	7410	4.588	ug/l	98

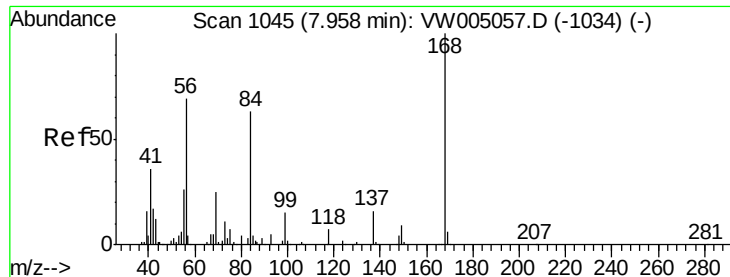
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005068.D

Acq: 01 Sep 2018 06:34

Instrument :

MSVOA_W

ClientSampleId :

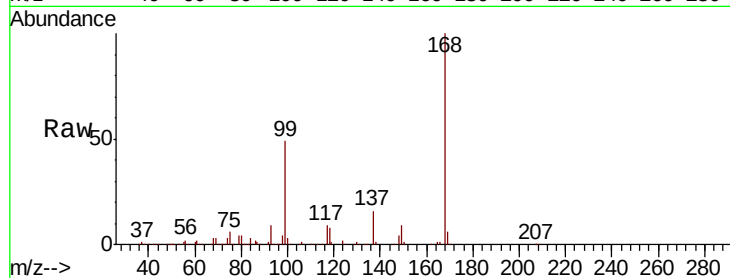
FK-BPM-02-008-ABCDRE

Tgt Ion: 168 Resp: 421340

Ion Ratio Lower Upper

168 100

99 48.9 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

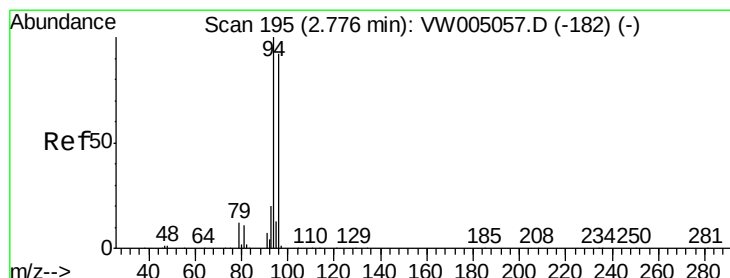
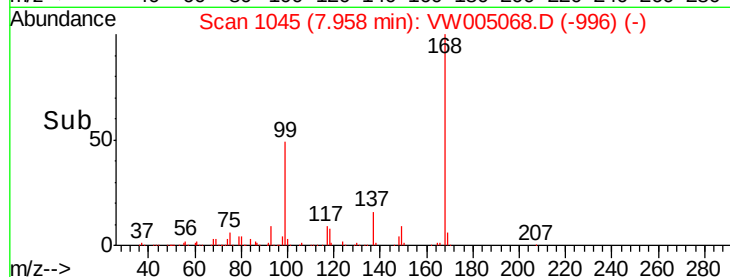
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#5

Bromomethane

Concen: Below Cal

RT: 2.76 min Scan# 192

Delta R.T. -0.02 min

Lab File: VW005068.D

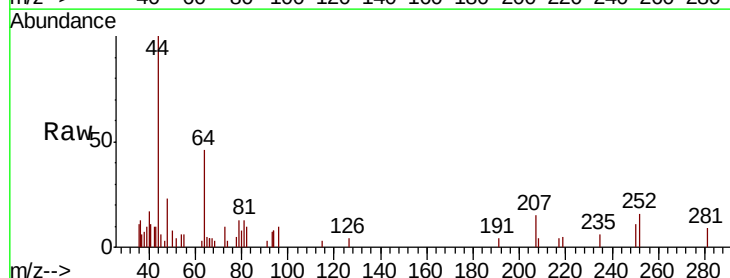
Acq: 01 Sep 2018 06:34

Tgt Ion: 94 Resp: 638

Ion Ratio Lower Upper

94 100

96 19.4 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.76

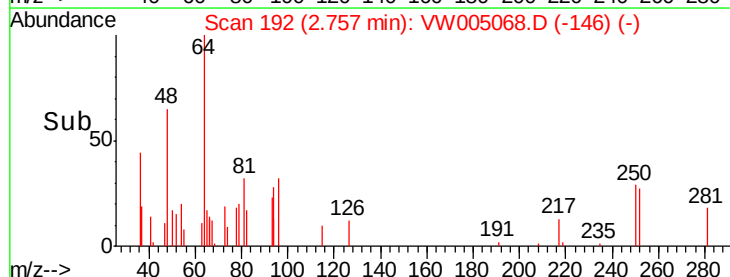
300

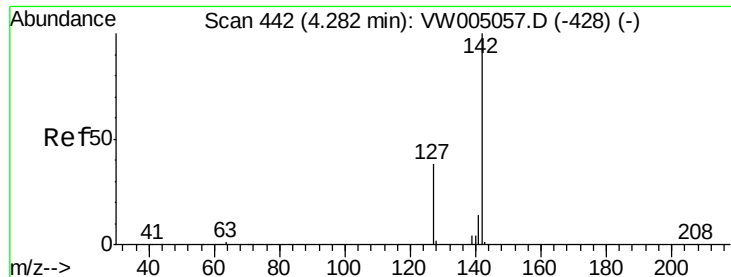
200

100

0

Time--> 2.75 2.80

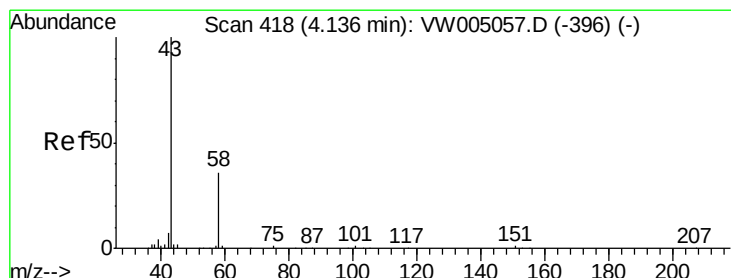
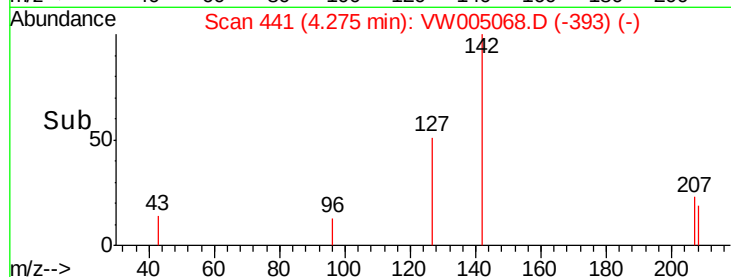
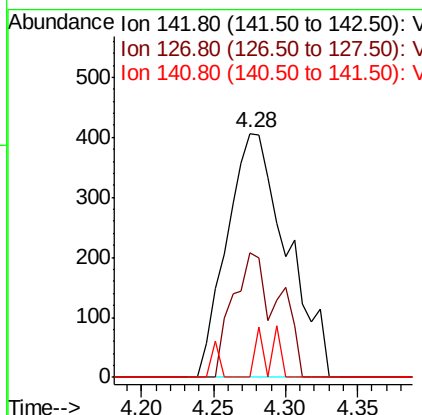
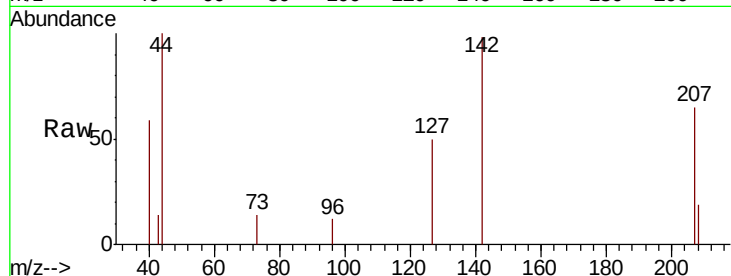




#10
Methyl Iodide
Concen: 4.015 ug/l
RT: 4.28 min Scan# 441
Delta R.T. -0.01 min
Lab File: VW005068.D
Acq: 01 Sep 2018 06:34

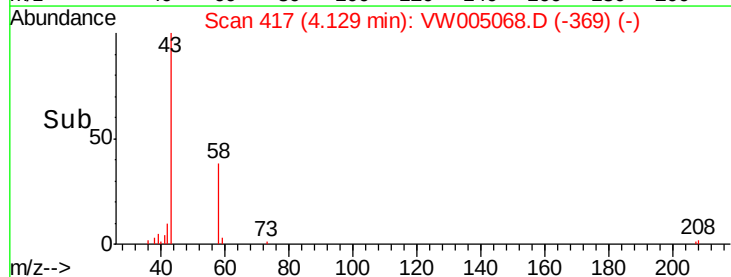
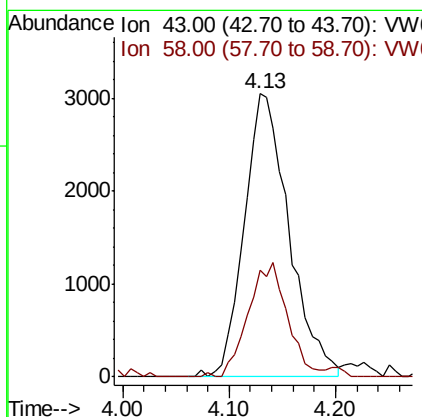
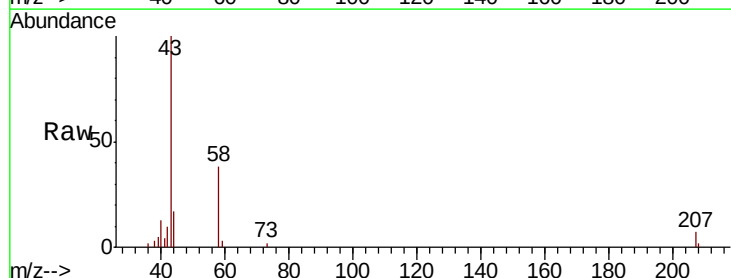
Instrument :
MSVOA_W
ClientSampleId :
FK-BPM-02-008-ABCDRE

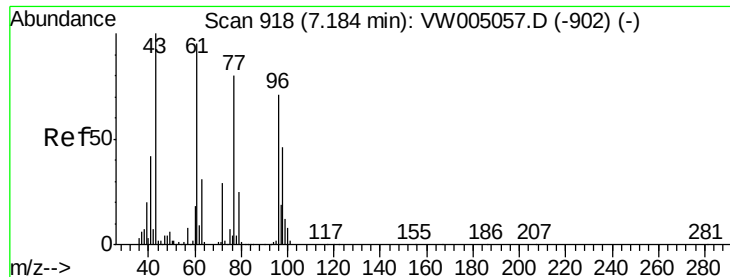
Tgt Ion:142 Resp: 1177
Ion Ratio Lower Upper
142 100
127 38.7 30.8 46.2
141 5.3 11.6 17.4#



#16
Acetone
Concen: 12.840 ug/l
RT: 4.13 min Scan# 417
Delta R.T. -0.01 min
Lab File: VW005068.D
Acq: 01 Sep 2018 06:34

Tgt Ion: 43 Resp: 8994
Ion Ratio Lower Upper
43 100
58 37.9 29.0 43.6





#25

2-Butanone

Concen: 2.847 ug/l

RT: 7.15 min Scan# 912

Delta R.T. -0.04 min

Lab File: VW005068.D

Acq: 01 Sep 2018 06:34

Instrument :

MSVOA_W

ClientSampleId :

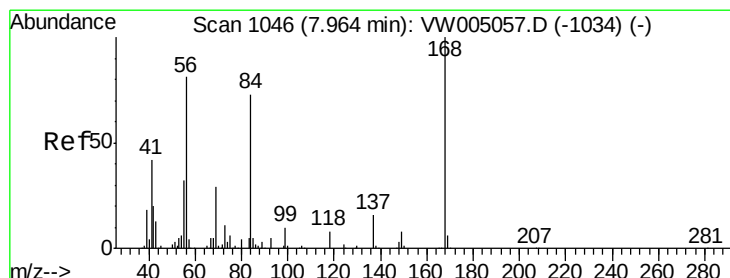
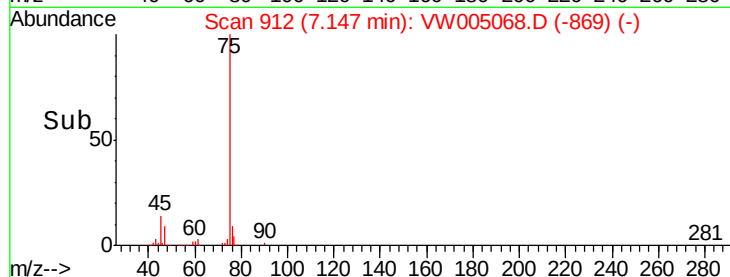
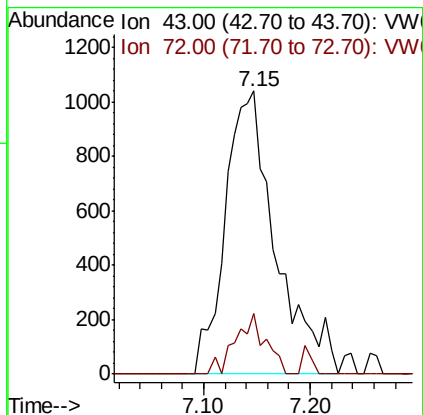
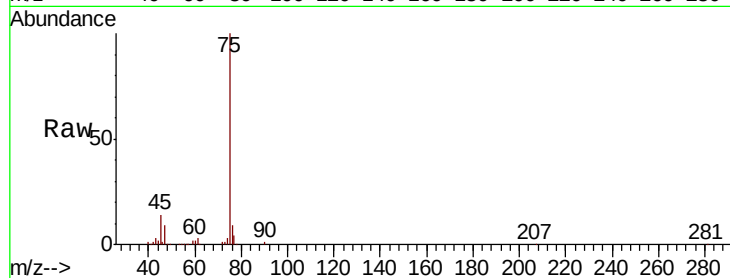
FK-BPM-02-008-ABCDRE

Tgt Ion: 43 Resp: 3459

Ion Ratio Lower Upper

43 100

72 21.3 23.1 34.7#



#31

Cyclohexane

Concen: 1.008 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW005068.D

Acq: 01 Sep 2018 06:34

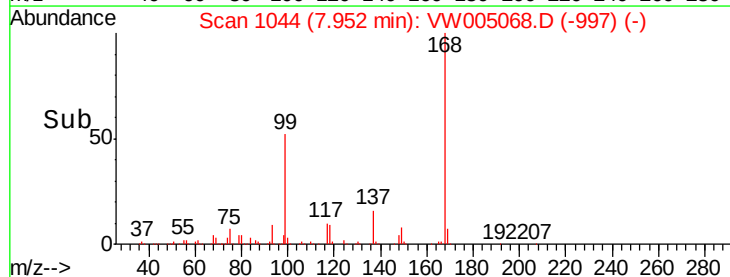
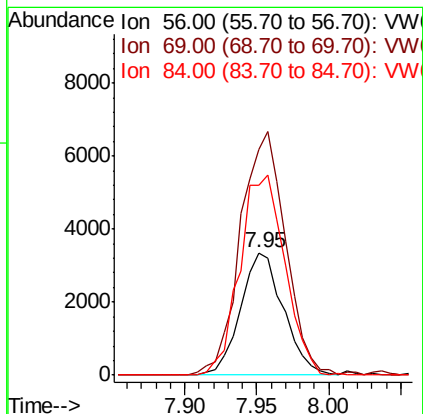
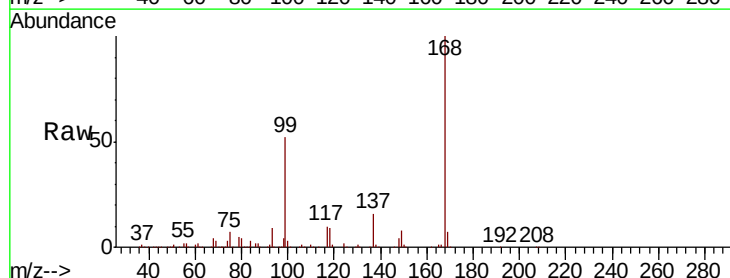
Tgt Ion: 56 Resp: 6914

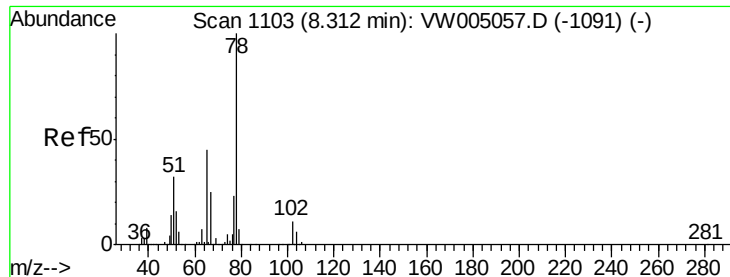
Ion Ratio Lower Upper

56 100

69 184.1 28.2 42.2#

84 155.2 71.8 107.8#

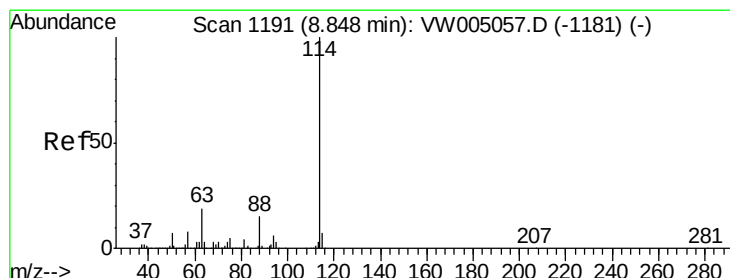
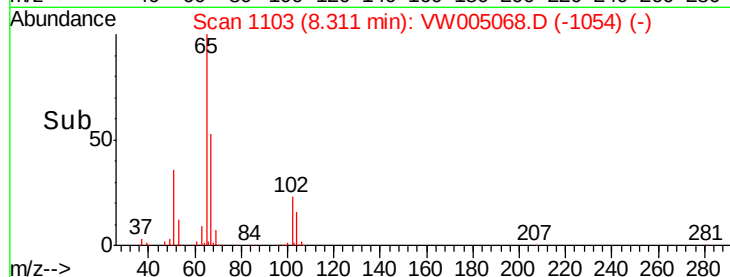
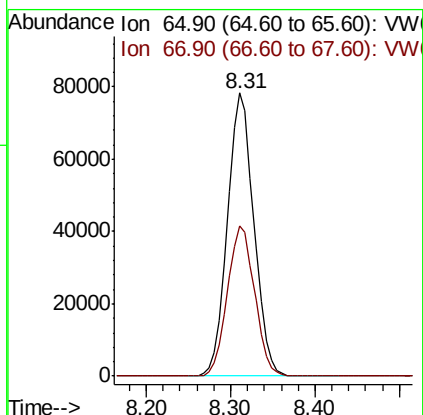
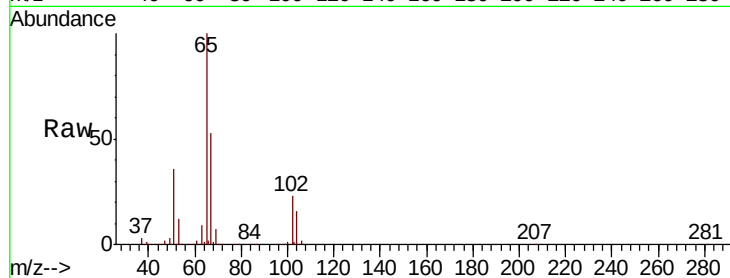




#33
 1,2-Dichloroethane-d4
 Concen: 47.748 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW005068.D
 Acq: 01 Sep 2018 06:34

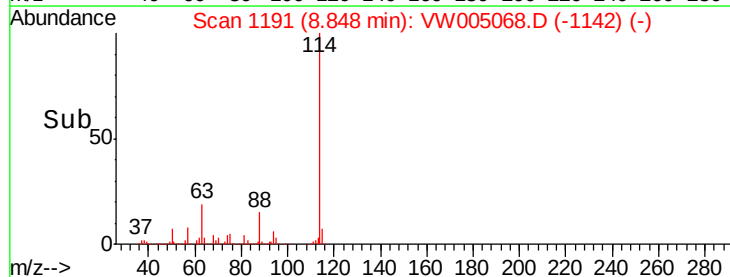
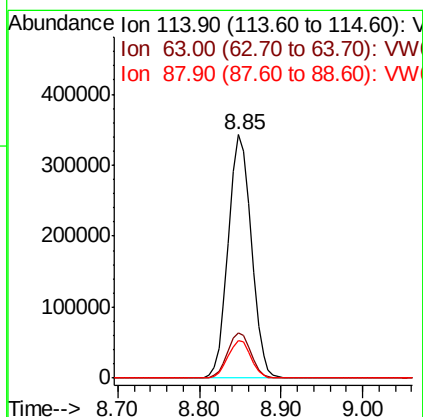
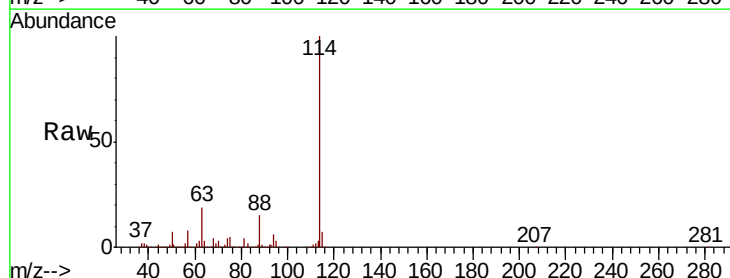
Instrument :
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 ClientSampleId :
 FK-BPM-02-008-ABCDRE

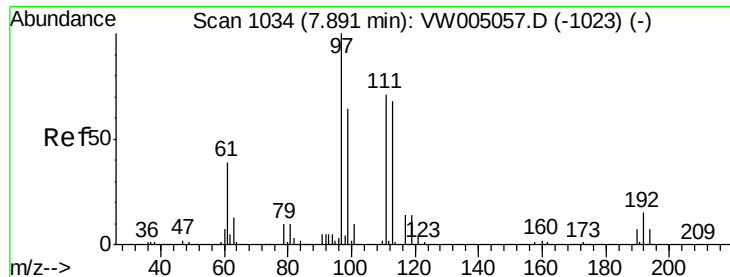
Tgt Ion: 65 Resp: 166771
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005068.D
 Acq: 01 Sep 2018 06:34

Tgt Ion: 114 Resp: 669440
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.0
 88 15.5 0.0 30.2

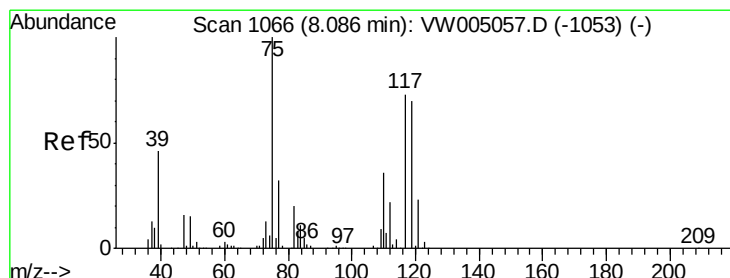
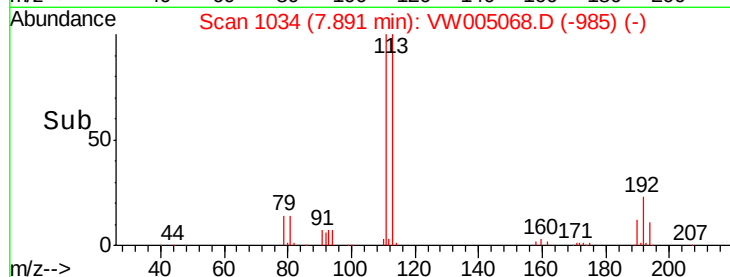
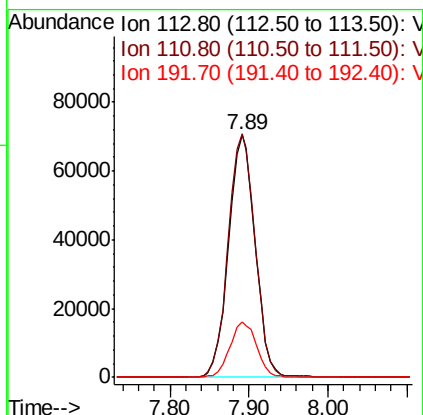
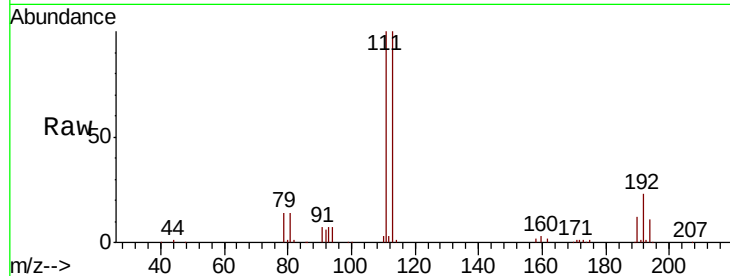




#35
 Dibromofluoromethane
 Concen: 42.689 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005068.D
 Acq: 01 Sep 2018 06:34

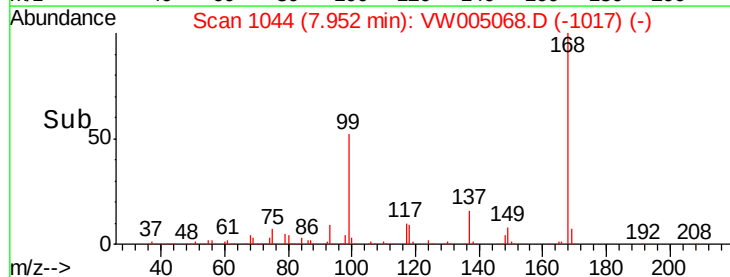
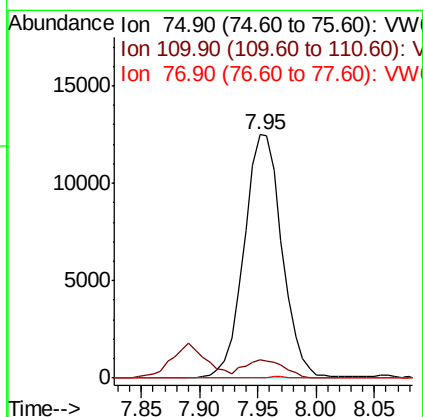
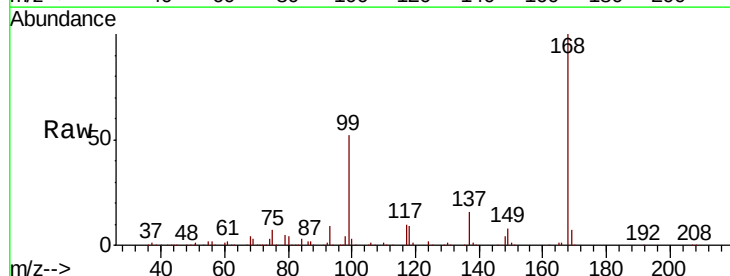
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-BPM-02-008-ABCDRE

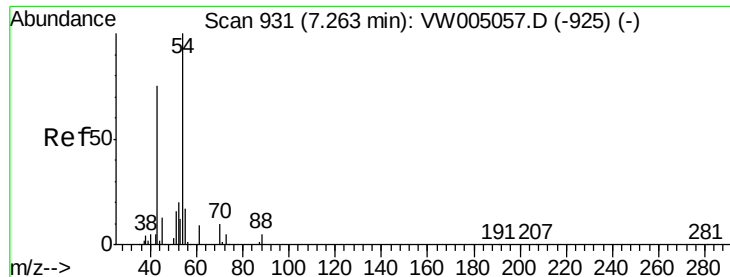
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.2	123.2
192	22.8	18.1	27.1



#36
 1,1-Dichloropropene
 Concen: 4.440 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW005068.D
 Acq: 01 Sep 2018 06:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.8	18.9	56.7#
77	0.3	25.5	38.3#





#37

Ethyl Acetate

Concen: 1.451 ug/l

RT: 7.15 min Scan# 912

Delta R.T. -0.12 min

Lab File: VW005068.D

Acq: 01 Sep 2018 06:34

Instrument :

MSVOA_W

ClientSampleId :

FK-BPM-02-008-ABCDRE

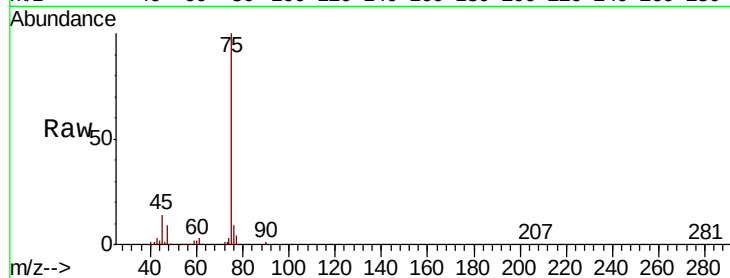
Tgt Ion: 43 Resp: 3459

Ion Ratio Lower Upper

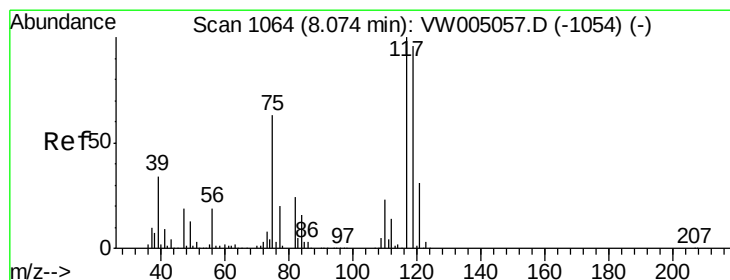
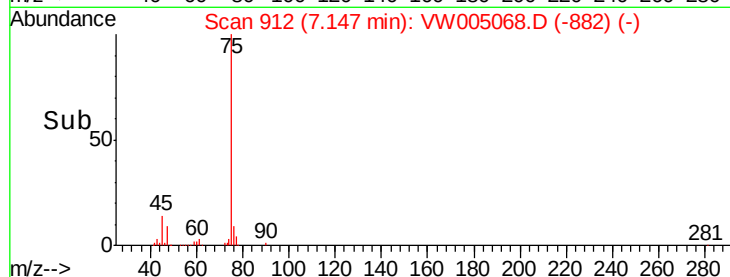
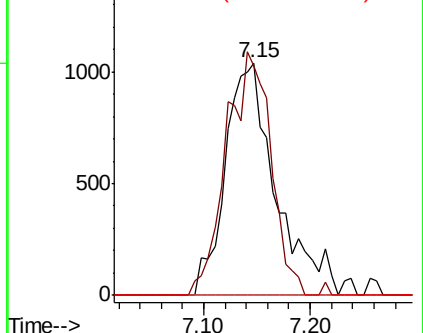
43 100

61 92.7 12.1 18.1#

70 0.0 9.4 14.2#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 6.184 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.12 min

Lab File: VW005068.D

Acq: 01 Sep 2018 06:34

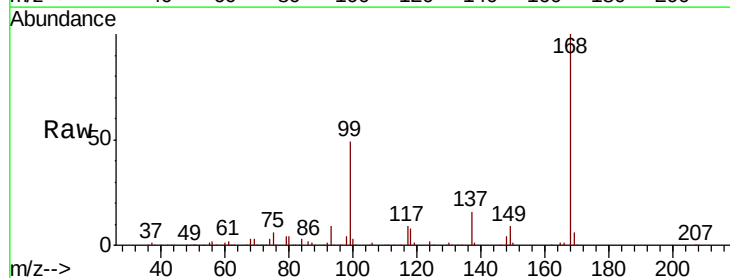
Tgt Ion: 117 Resp: 37490

Ion Ratio Lower Upper

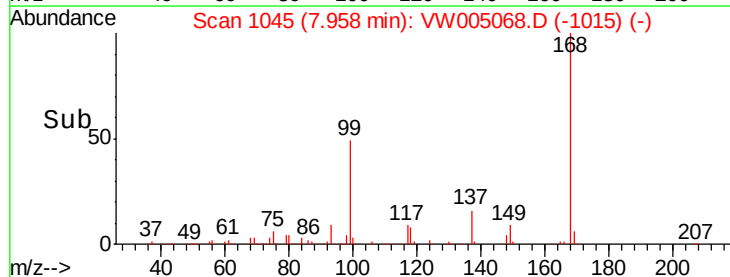
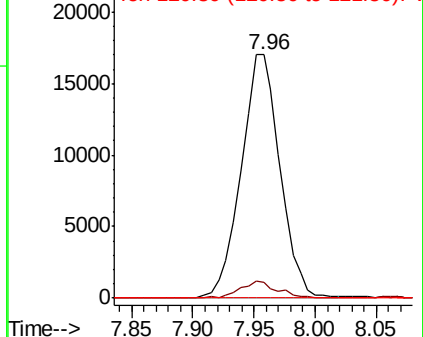
117 100

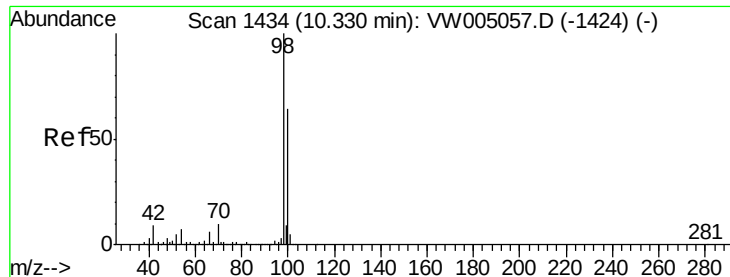
119 6.6 76.6 115.0#

121 0.0 24.8 37.2#



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: 34.606 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW005068.D

Acq: 01 Sep 2018 06:34

Instrument :

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ClientSampleId :

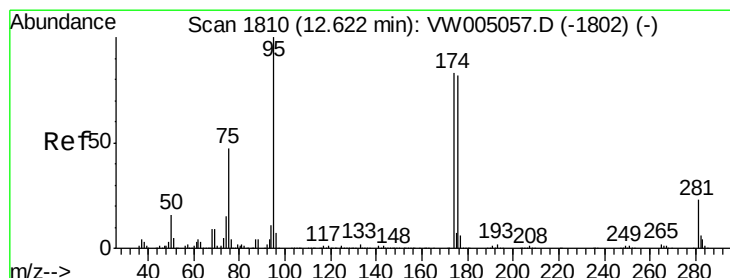
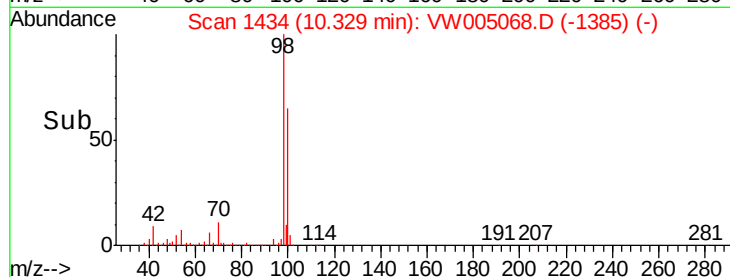
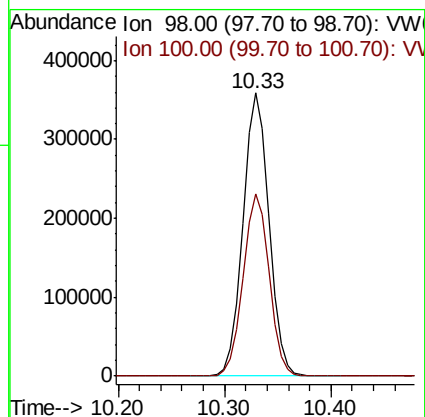
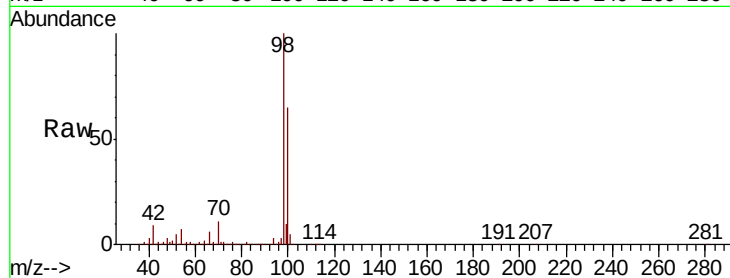
FK-BPM-02-008-ABCDRE

Tgt Ion: 98 Resp: 616883

Ion Ratio Lower Upper

98 100

100 64.5 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 34.714 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW005068.D

Acq: 01 Sep 2018 06:34

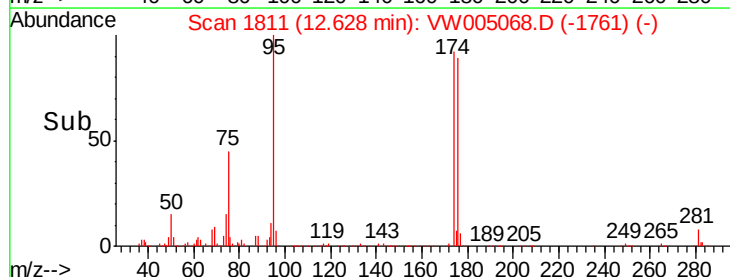
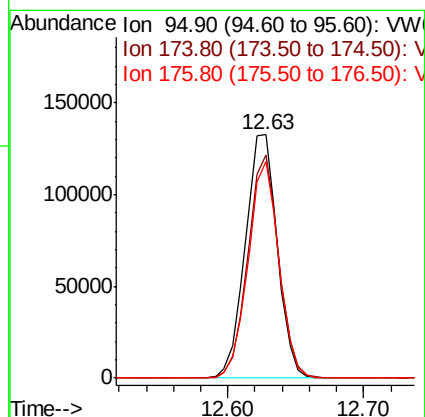
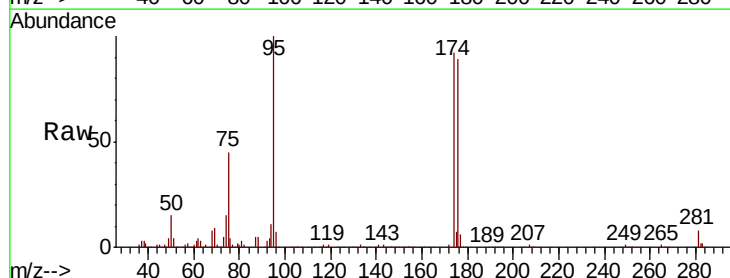
Tgt Ion: 95 Resp: 218196

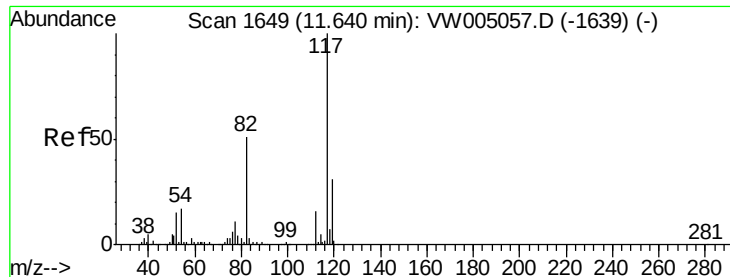
Ion Ratio Lower Upper

95 100

174 88.9 0.0 173.4

176 85.7 0.0 167.4

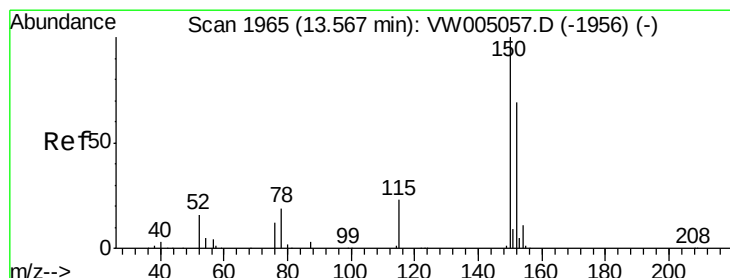
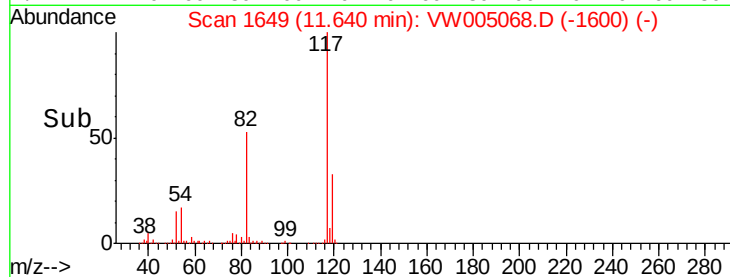
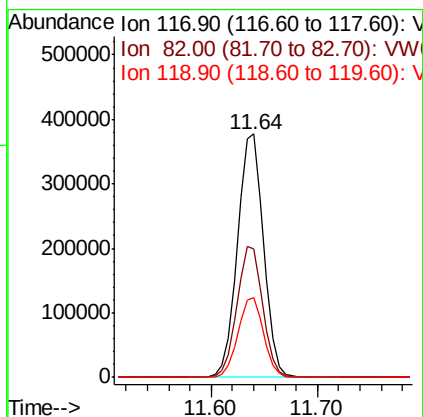
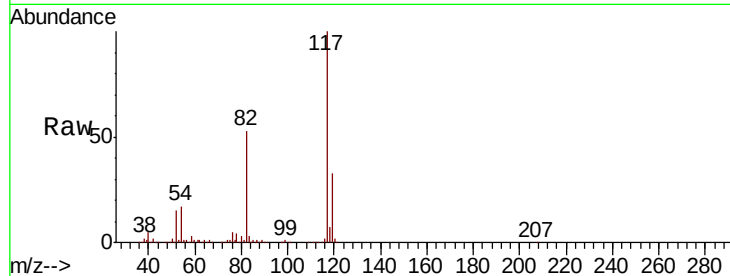




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.64 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VW005068.D
 Acq: 01 Sep 2018 06:34

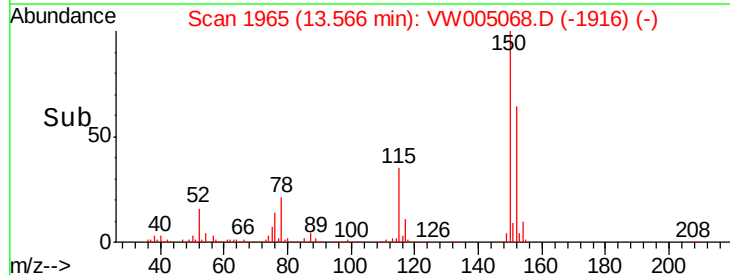
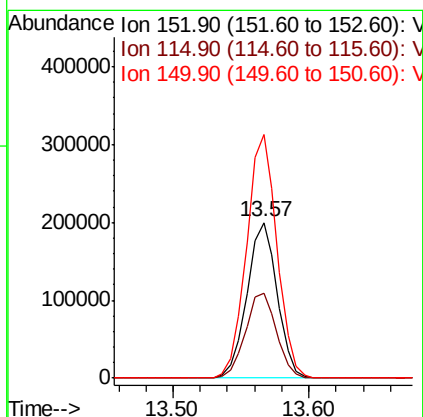
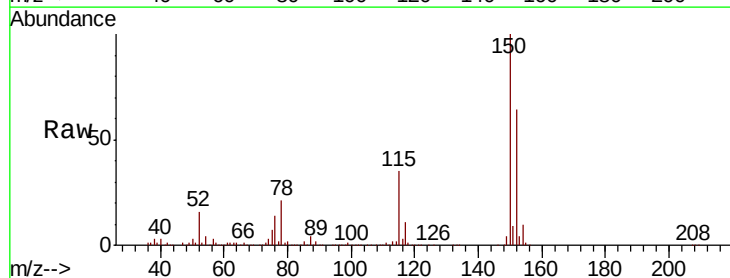
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-BPM-02-008-ABCDRE

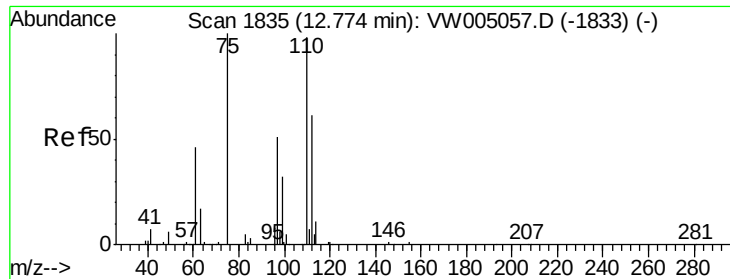
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.7	40.9	61.3
119	32.9	24.9	37.3



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1965
 Delta R.T. -0.00 min
 Lab File: VW005068.D
 Acq: 01 Sep 2018 06:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.2	27.8	83.4
150	157.5	0.0	351.4

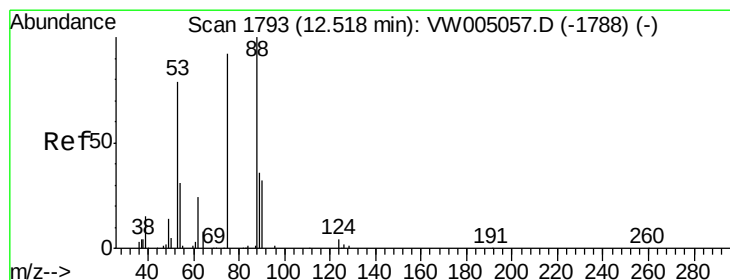
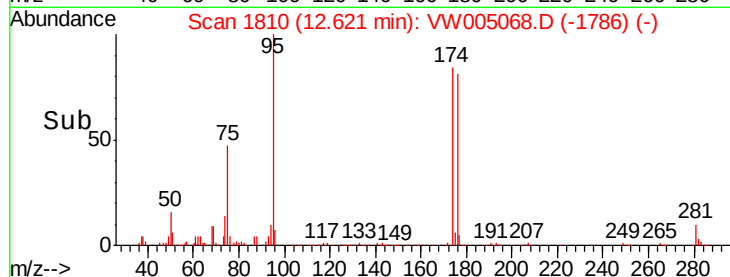
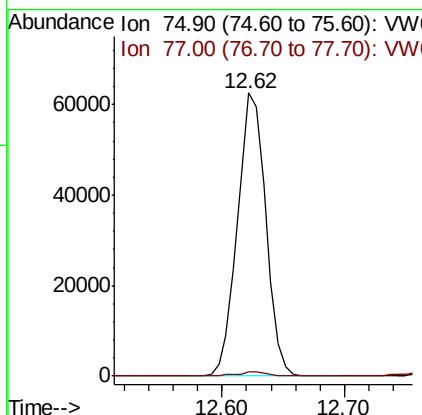
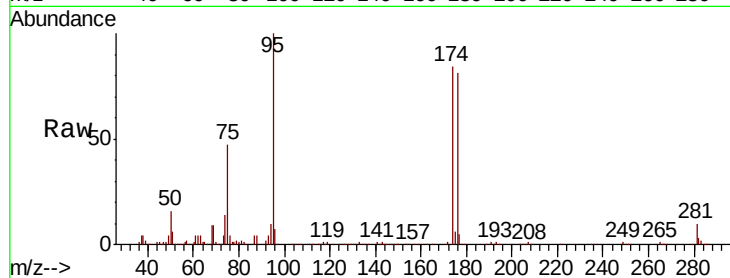




#76
 1,2,3-Trichloropropane
 Concen: 43.018 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW005068.D
 Acq: 01 Sep 2018 06:34

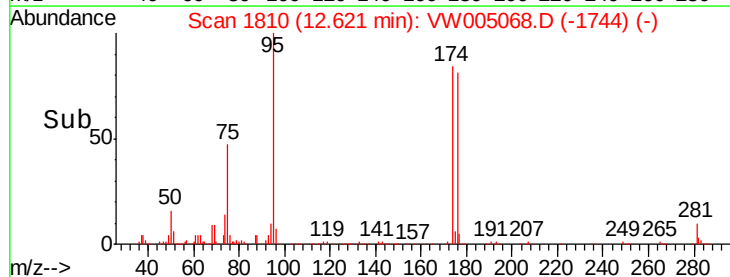
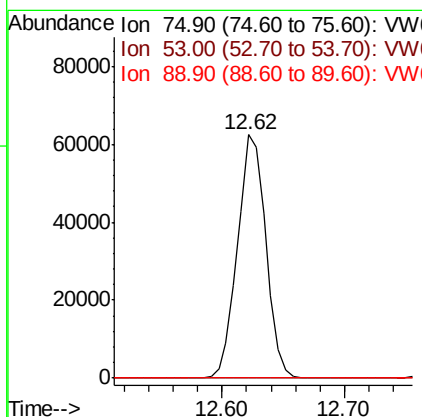
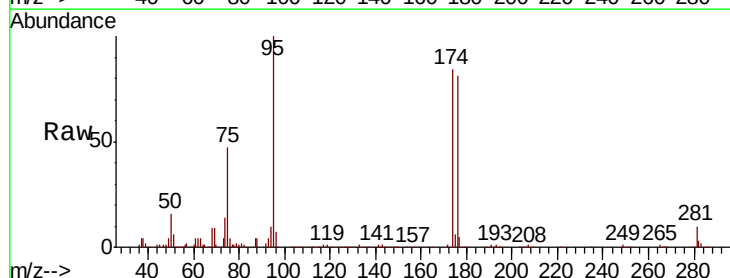
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-BPM-02-008-ABCDRE

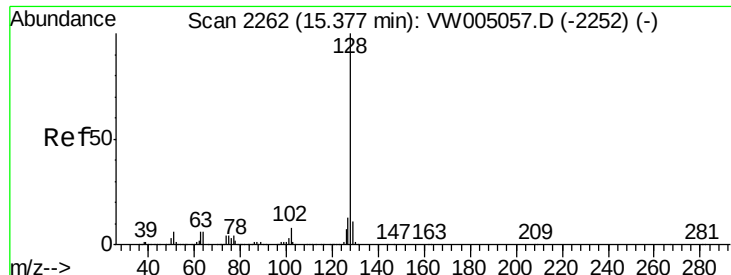
Tgt Ion: 75 Resp: 100362
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.540 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW005068.D
 Acq: 01 Sep 2018 06:34

Tgt Ion: 75 Resp: 100362
 Ion Ratio Lower Upper
 75 100
 53 0.2 69.8 104.8#
 89 0.0 36.0 54.0#

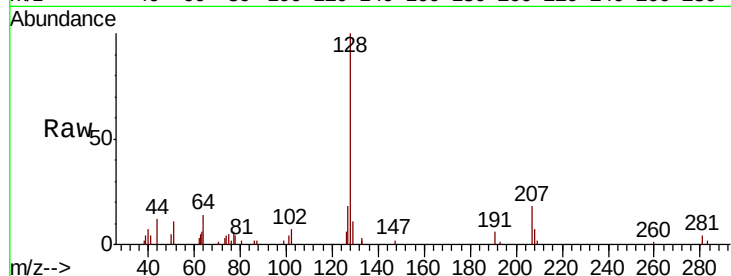




#95
 Naphthalene
 Concen: 4.588 ug/l
 RT: 15.38 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VW005068.D
 Acq: 01 Sep 2018 06:34

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-BPM-02-008-ABCDRE

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.6	10.4	15.6
129	10.9	8.7	13.1



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

