

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020119\
 Data File : VW008494.D
 Acq On : 01 Feb 2019 20:51
 Operator : SY/VA
 Sample : K1362-02
 Misc : 4.35G/5ML/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-BPM-03-005-ABCD

Quant Time: Feb 02 00:47:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

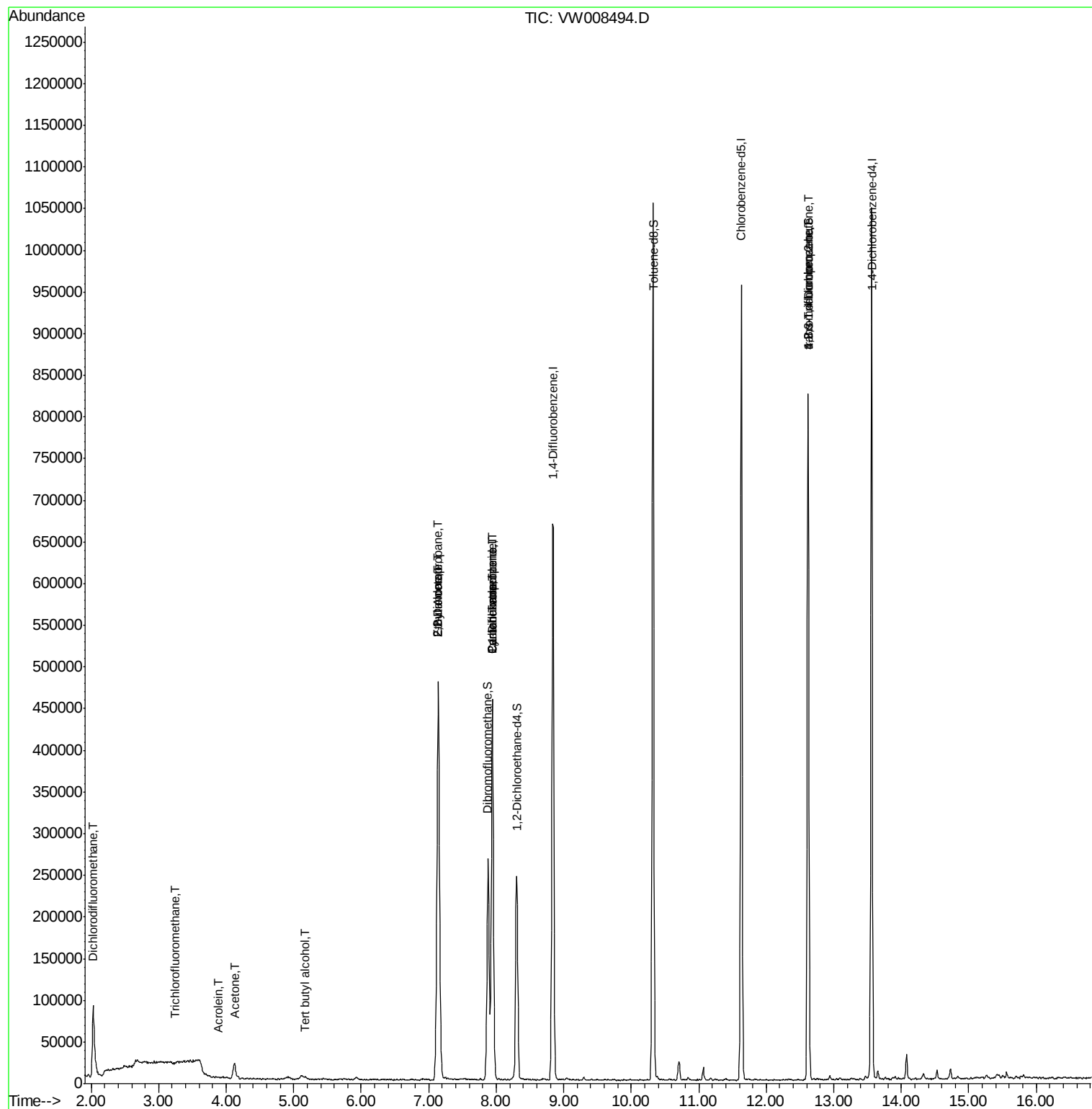
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	363056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	583535	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	540643	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	272036	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	193402	54.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.44%	
35) Dibromofluoromethane	7.88	113	183365	53.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.48%	
50) Toluene-d8	10.32	98	692642	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
62) 4-Bromofluorobenzene	12.62	95	257379	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.88%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.03	85	3184	4.671	ug/l	81
7) Trichlorofluoromethane	3.24	101	46	4.737	ug/l #	67
11) Tert butyl alcohol	5.17	59	5294	18.436	ug/l	96
13) Acrolein	3.89	56	221	5.043	ug/l #	1
16) Acetone	4.12	43	33145	41.382	ug/l	97
25) 2-Butanone	7.14	43	23794	21.388	ug/l #	74
26) 2,2-Dichloropropane	7.14	77	31437	6.870	ug/l #	53
31) Cyclohexane	7.95	56	7627	1.090	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	25890	4.697	ug/l #	50
37) Ethyl Acetate	7.14	43	23794	9.757	ug/l #	1
38) Carbon Tetrachloride	7.94	117	33791	6.092	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	131221	55.481	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	131221	109.579	ug/l #	12

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW020119\
Data File : VW008494.D
Acq On : 01 Feb 2019 20:51
Operator : SY/VA
Sample : K1362-02
Misc : 4.35G/5ML/MSVOA_W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
FK-BPM-03-005-ABCD

Quant Time: Feb 02 00:47:30 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008494.D

Acq: 01 Feb 2019 20:51

Instrument :

MSVOA_W

ClientSampleId :

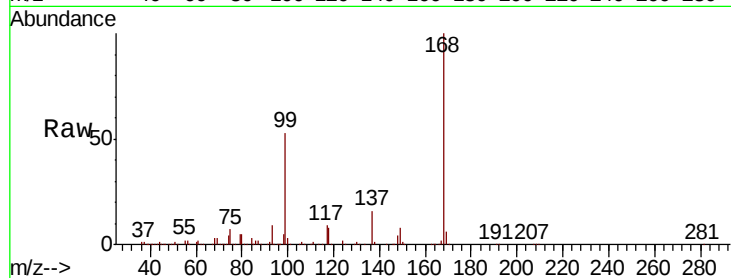
FK-BPM-03-005-ABCD

Tgt Ion:168 Resp: 363056

Ion Ratio Lower Upper

168 100

99 52.8 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

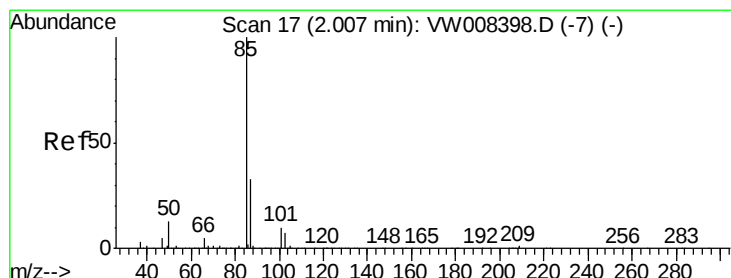
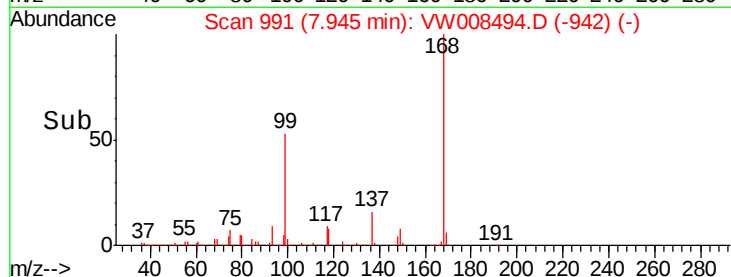
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 4.671 ug/l

RT: 2.03 min Scan# 20

Delta R.T. 0.02 min

Lab File: VW008494.D

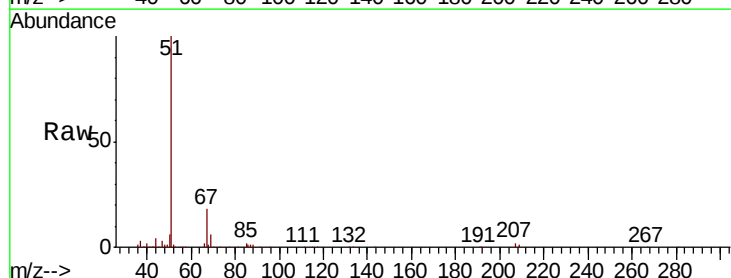
Acq: 01 Feb 2019 20:51

Tgt Ion: 85 Resp: 3184

Ion Ratio Lower Upper

85 100

87 44.5 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

1500

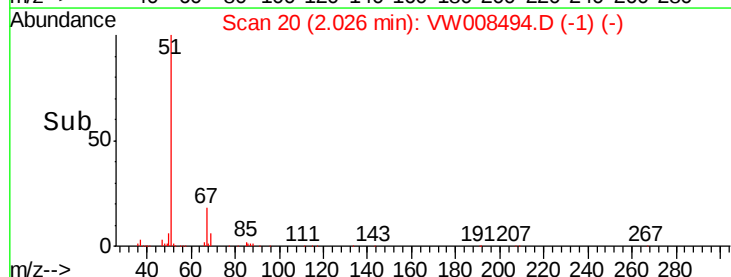
1000

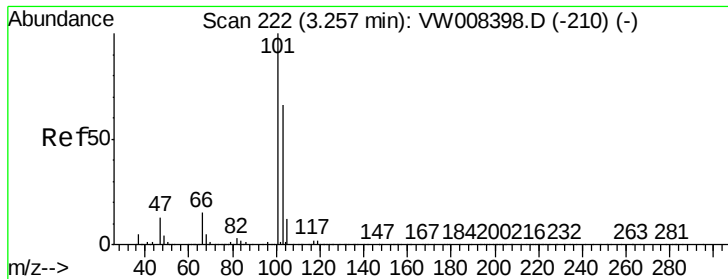
500

0

1.95 2.00 2.05 2.10

Time-->



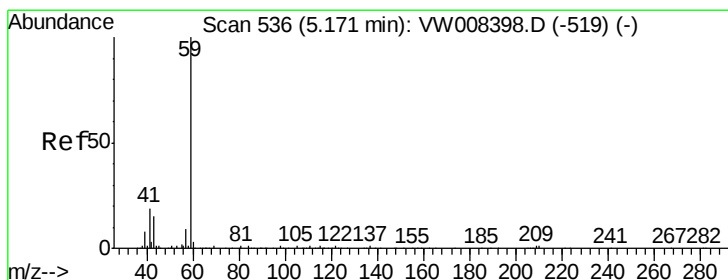
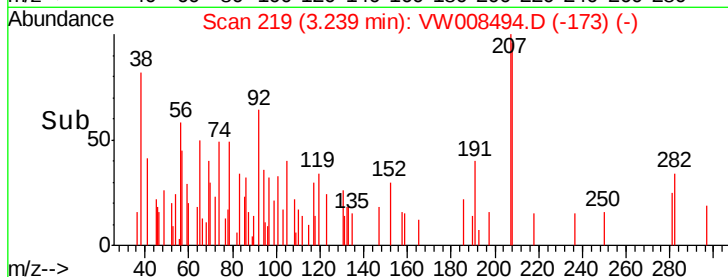
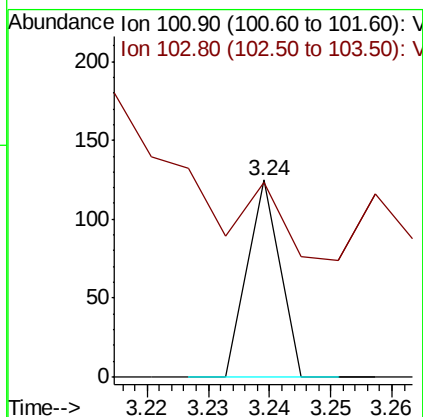
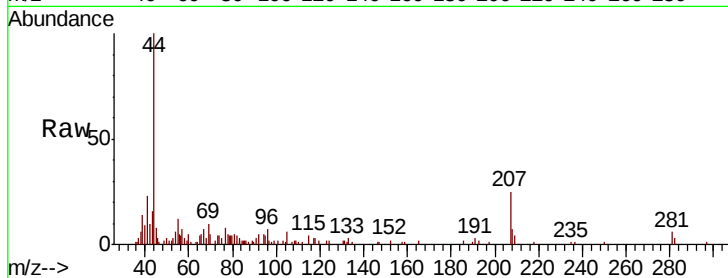


#7

Trichlorofluoromethane
 Concen: 4.737 ug/l
 RT: 3.24 min Scan# 219
 Delta R.T. -0.02 min
 Lab File: VW008494.D
 Acq: 01 Feb 2019 20:51

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-BPM-03-005-ABCD

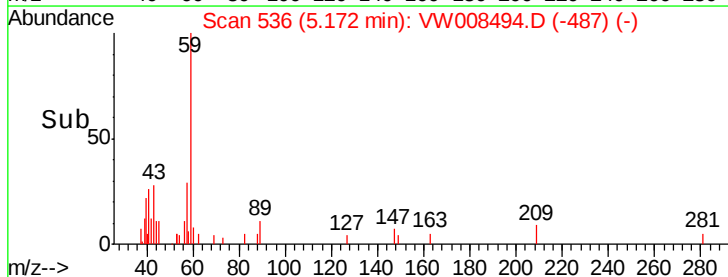
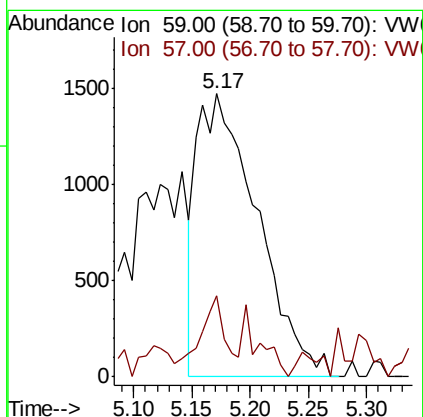
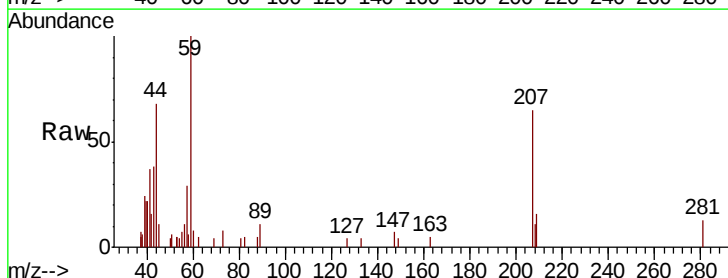
Tgt Ion: 101 Resp: 46
 Ion Ratio Lower Upper
 101 100
 103 39.2 52.5 78.7#

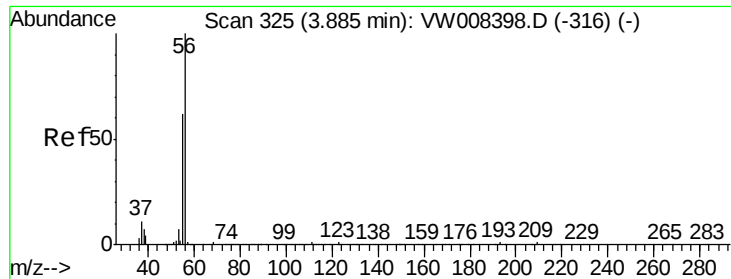


#11

Tert butyl alcohol
 Concen: 18.436 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: VW008494.D
 Acq: 01 Feb 2019 20:51

Tgt Ion: 59 Resp: 5294
 Ion Ratio Lower Upper
 59 100
 57 10.1 9.3 13.9





#13

Acrolein

Concen: 5.043 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW008494.D

Acq: 01 Feb 2019 20:51

Instrument :

MSVOA_W

ClientSampleId :

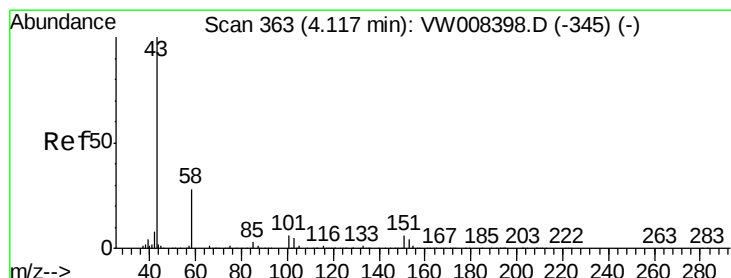
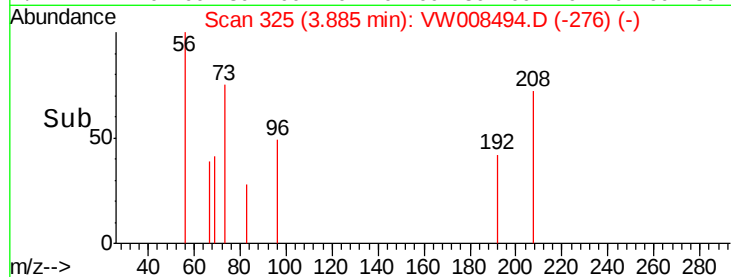
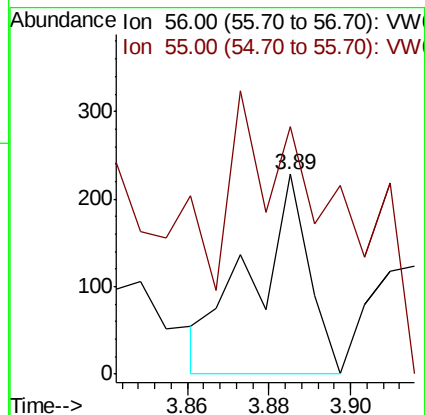
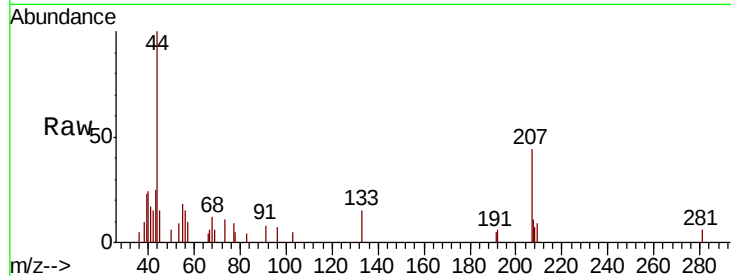
FK-BPM-03-005-ABCD

Tgt Ion: 56 Resp: 221

Ion Ratio Lower Upper

56 100

55 253.4 56.7 85.1#



#16

Acetone

Concen: 41.382 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008494.D

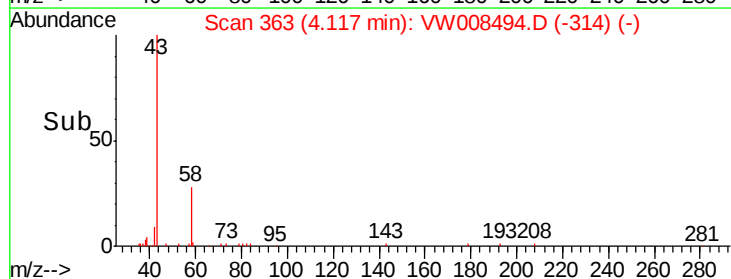
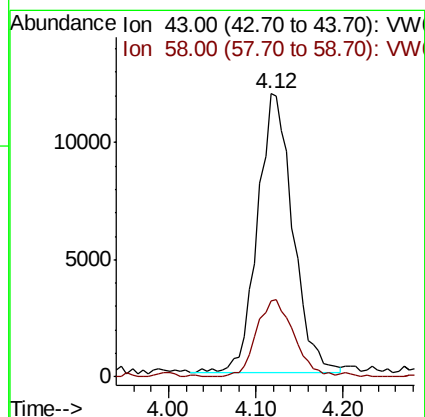
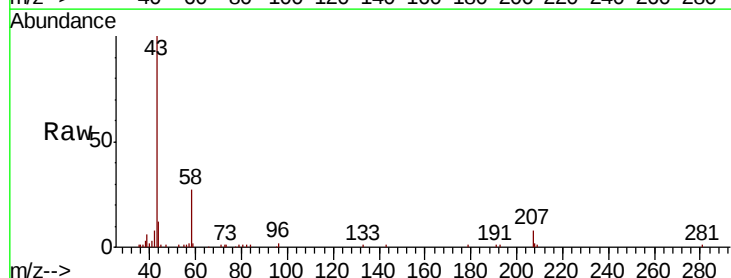
Acq: 01 Feb 2019 20:51

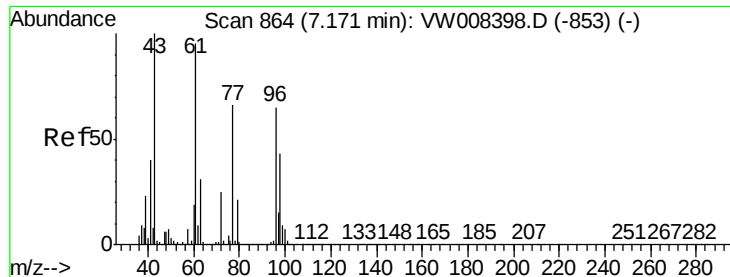
Tgt Ion: 43 Resp: 33145

Ion Ratio Lower Upper

43 100

58 26.9 22.6 34.0





#25

2-Butanone

Concen: 21.388 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW008494.D

Acq: 01 Feb 2019 20:51

Instrument :

MSVOA_W

ClientSampleId :

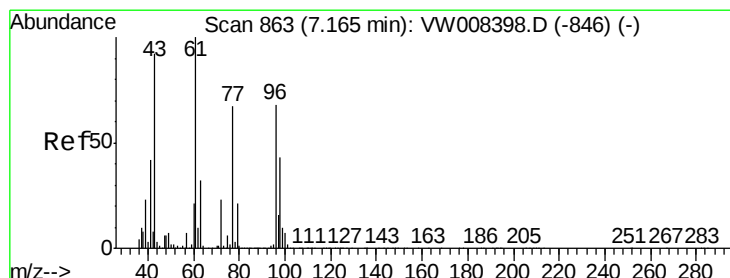
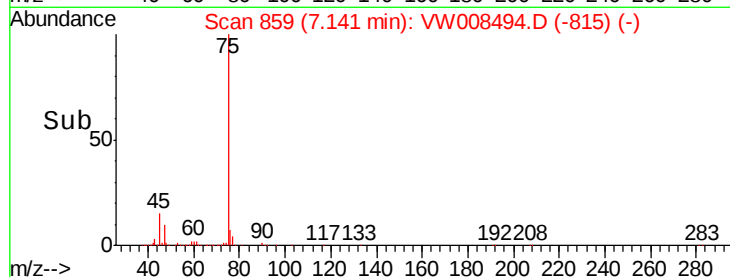
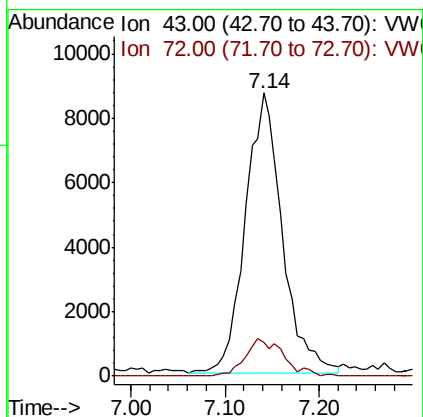
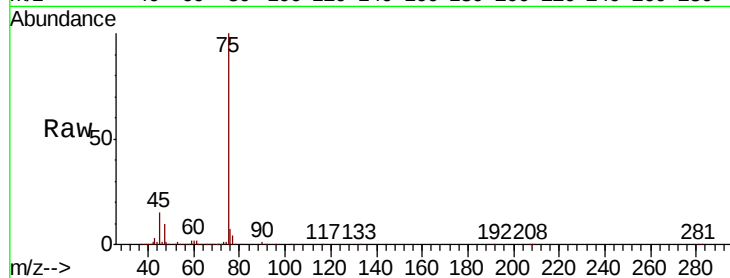
FK-BPM-03-005-ABCD

Tgt Ion: 43 Resp: 23794

Ion Ratio Lower Upper

43 100

72 12.1 20.1 30.1#



#26

2,2-Dichloropropane

Concen: 6.870 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW008494.D

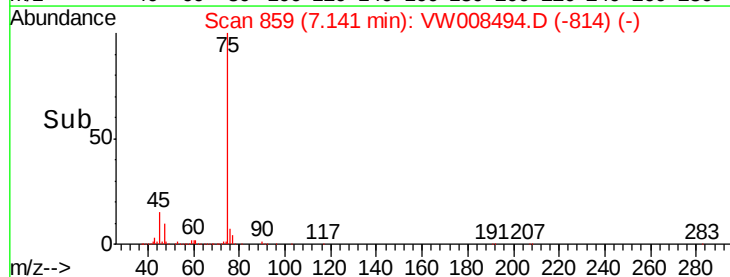
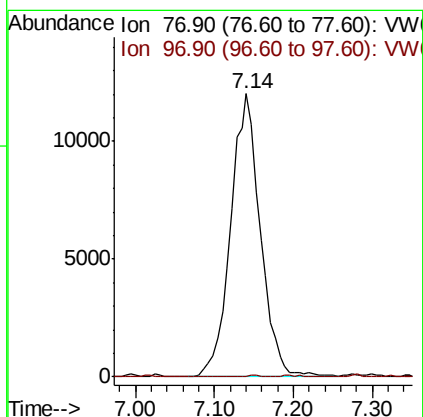
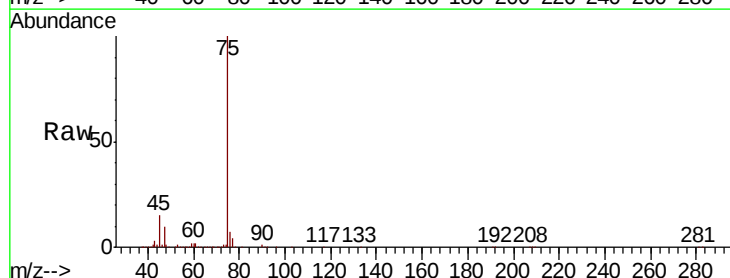
Acq: 01 Feb 2019 20:51

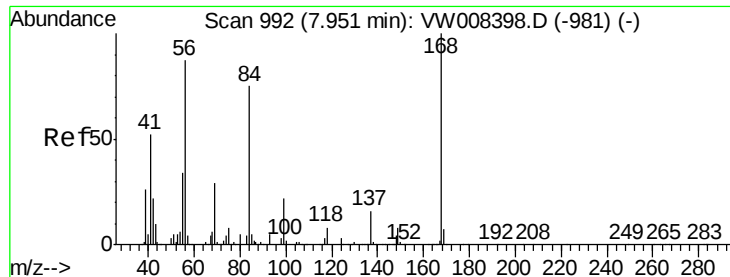
Tgt Ion: 77 Resp: 31437

Ion Ratio Lower Upper

77 100

97 0.1 11.5 34.5#

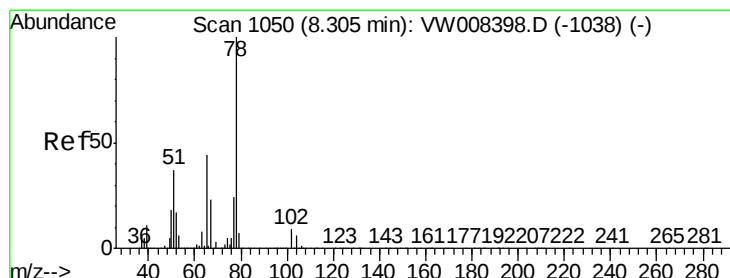
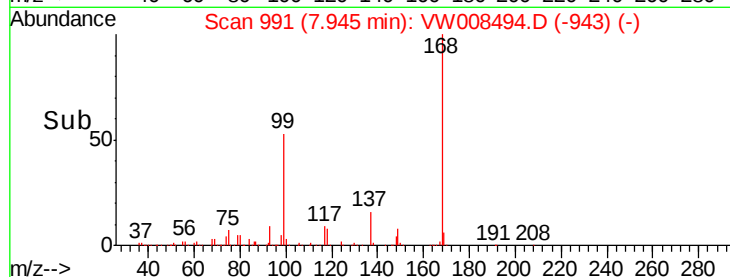
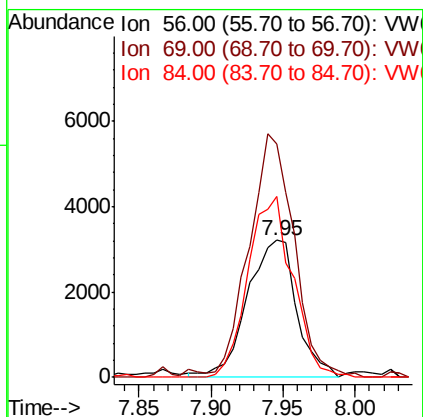
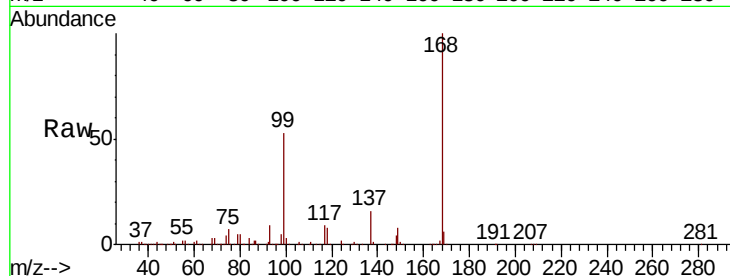




#31
Cyclohexane
Concen: 1.090 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008494.D
Acq: 01 Feb 2019 20:51

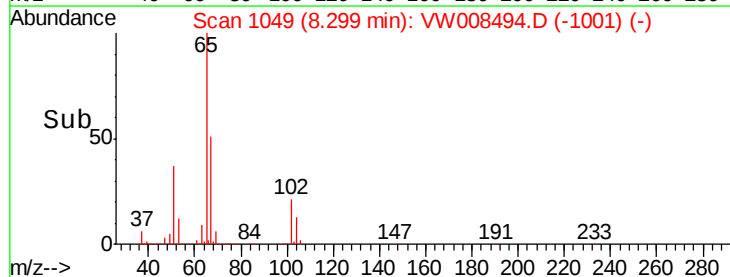
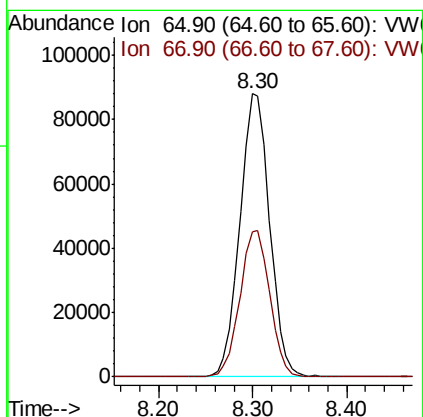
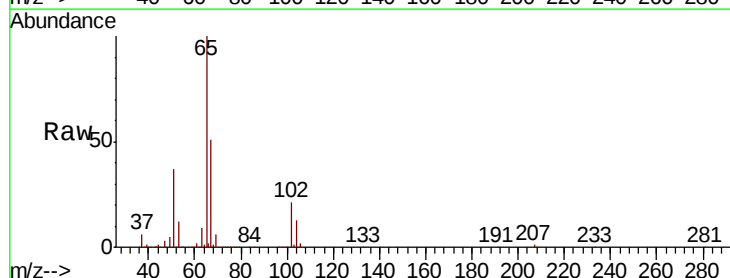
Instrument :
MSVOA_W
ClientSampleId :
FK-BPM-03-005-ABCD

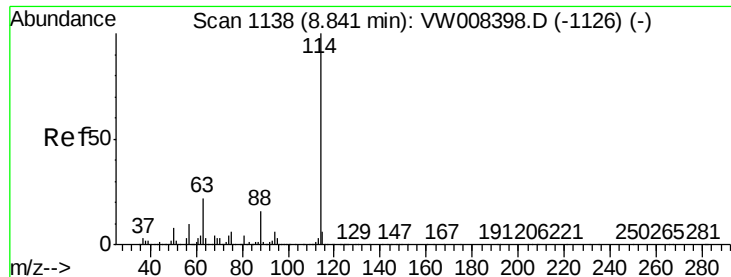
Tgt Ion: 56 Resp: 7627
Ion Ratio Lower Upper
56 100
69 165.9 26.4 39.6#
84 132.3 69.1 103.7#



#33
1,2-Dichloroethane-d4
Concen: 54.225 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW008494.D
Acq: 01 Feb 2019 20:51

Tgt Ion: 65 Resp: 193402
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.0

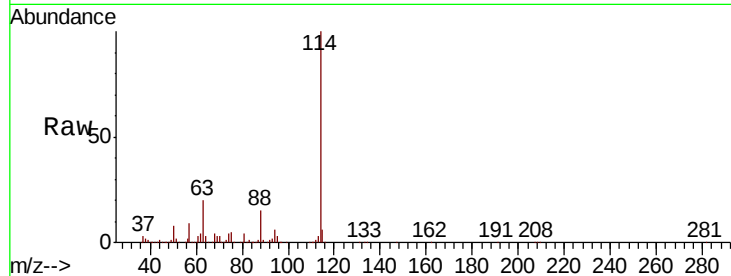




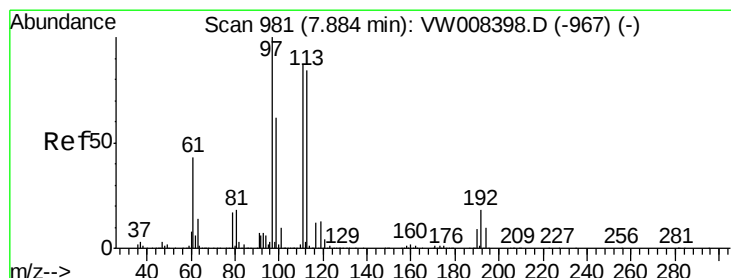
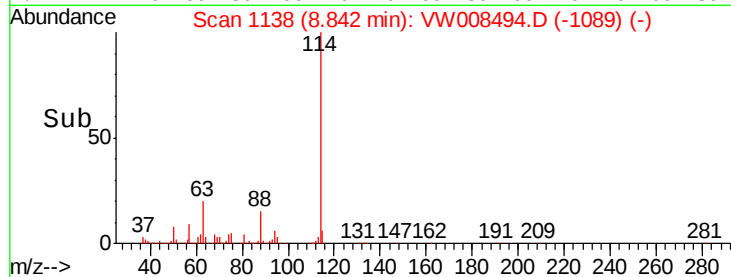
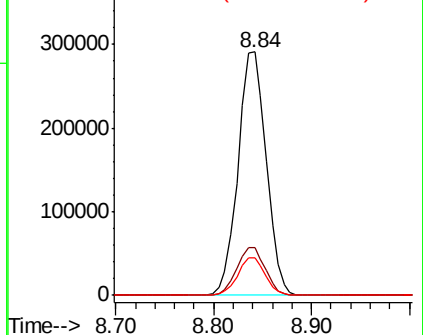
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008494.D
 Acq: 01 Feb 2019 20:51

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-BPM-03-005-ABCD

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	43.6
88	15.3	0.0	31.8

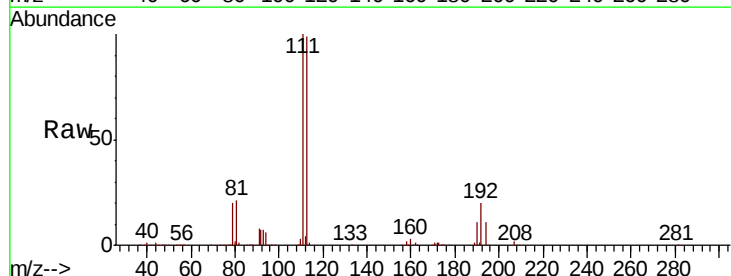


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

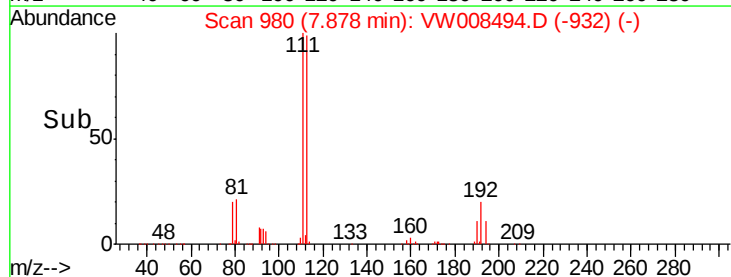
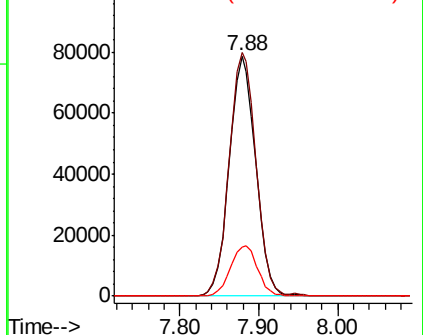


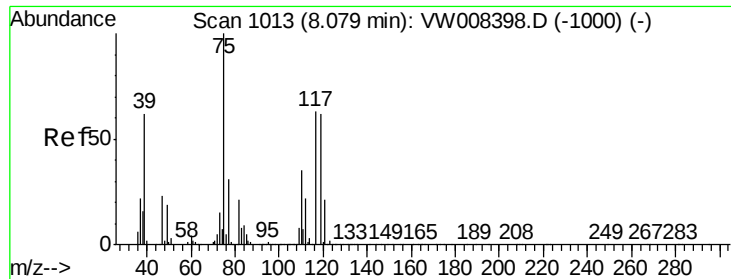
#35
 Dibromofluoromethane
 Concen: 53.739 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008494.D
 Acq: 01 Feb 2019 20:51

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.0	121.4
192	21.5	16.8	25.2



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

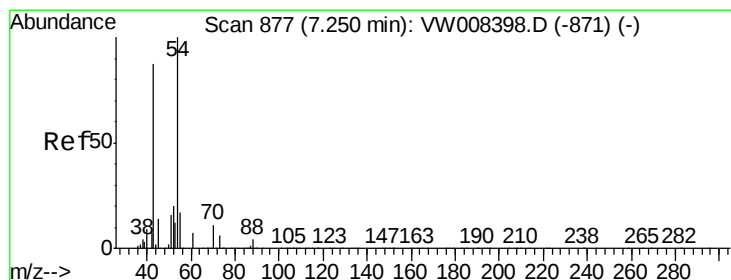
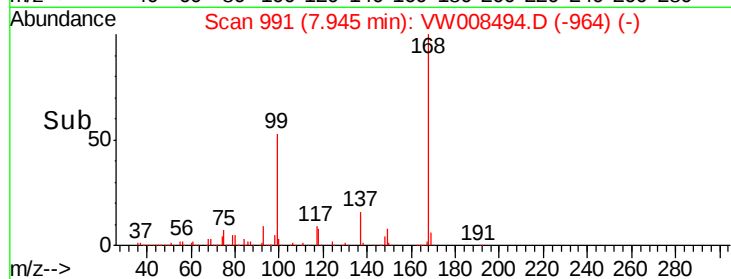
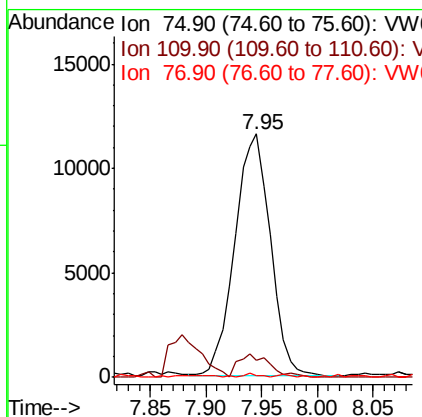
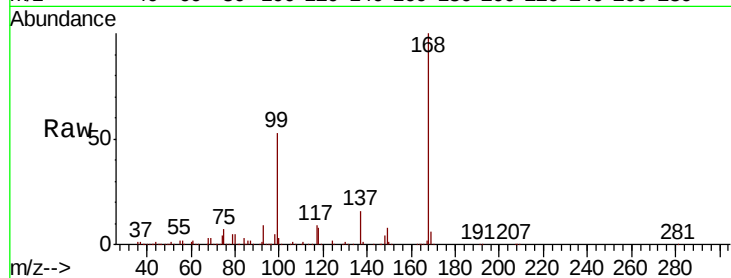




#36
 1,1-Dichloropropene
 Concen: 4.697 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008494.D
 Acq: 01 Feb 2019 20:51

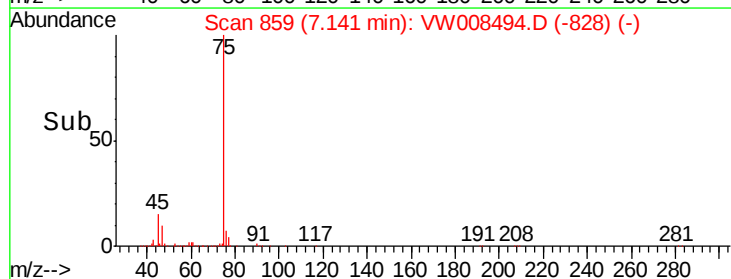
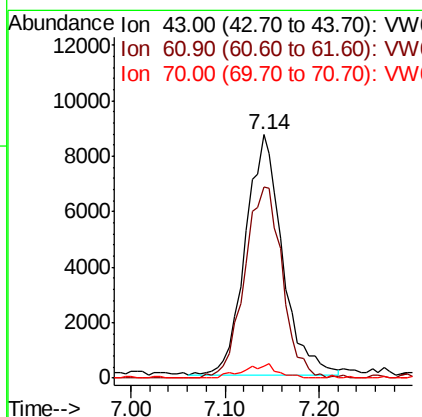
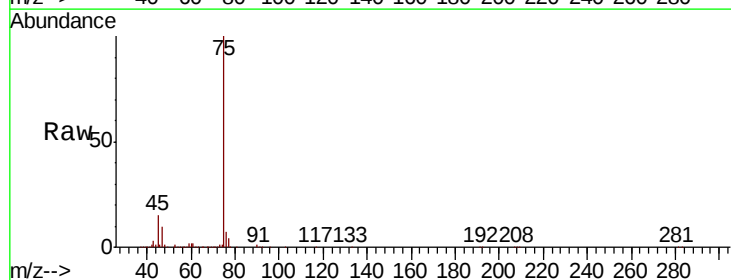
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-BPM-03-005-ABCD

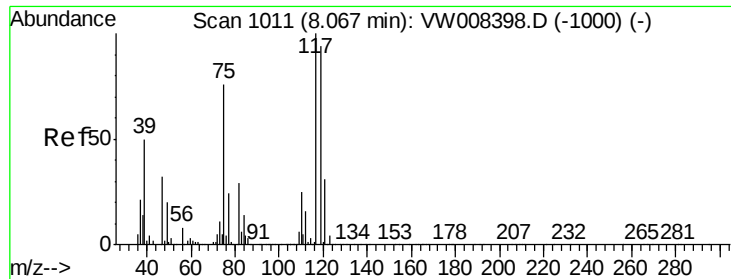
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.3	52.0#
77	0.7	24.7	37.1#



#37
 Ethyl Acetate
 Concen: 9.757 ug/l
 RT: 7.14 min Scan# 859
 Delta R.T. -0.11 min
 Lab File: VW008494.D
 Acq: 01 Feb 2019 20:51

Tgt Ion	Ratio	Lower	Upper
43	100		
61	81.3	10.1	15.1#
70	5.4	7.8	11.6#





#38

Carbon Tetrachloride

Concen: 6.092 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.13 min

Lab File: VW008494.D

Acq: 01 Feb 2019 20:51

Instrument :

MSVOA_W

ClientSampleId :

FK-BPM-03-005-ABCD

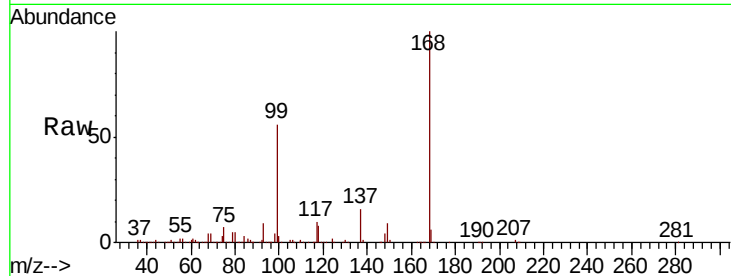
Tgt Ion:117 Resp: 33791

Ion Ratio Lower Upper

117 100

119 4.1 75.0 112.4#

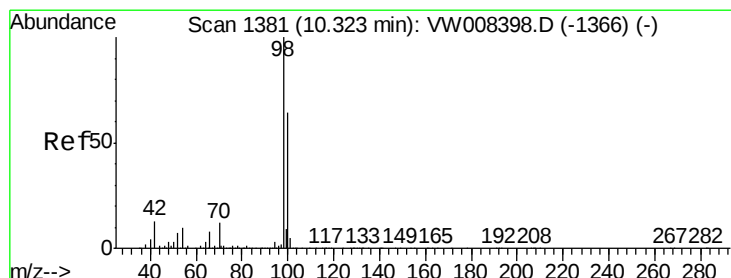
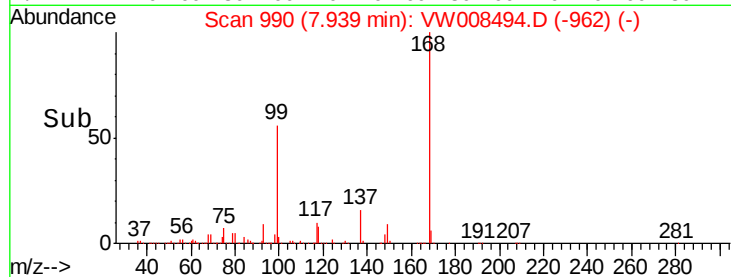
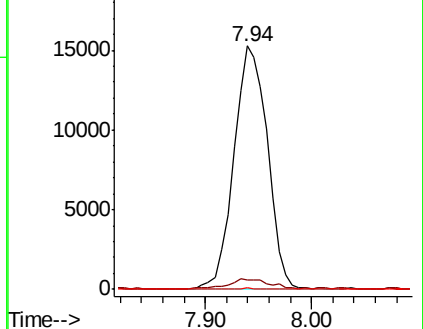
121 0.6 24.9 37.3#



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: 50.621 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008494.D

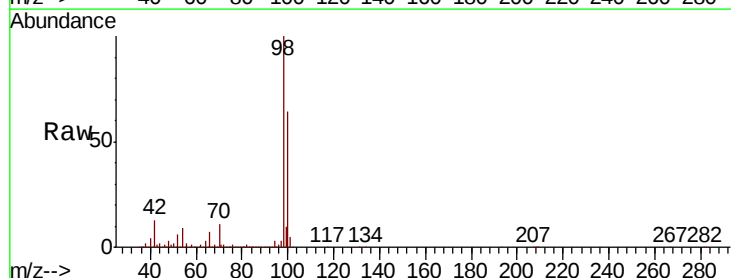
Acq: 01 Feb 2019 20:51

Tgt Ion: 98 Resp: 692642

Ion Ratio Lower Upper

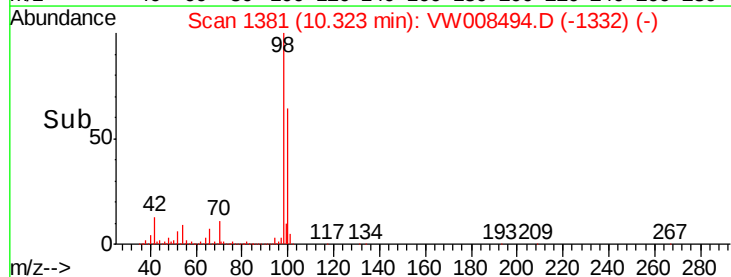
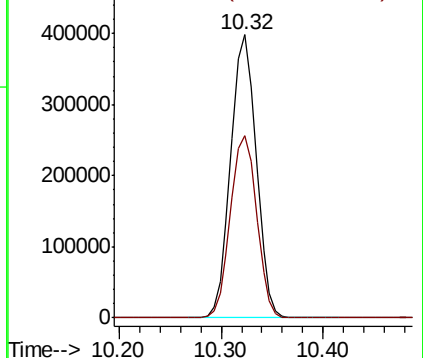
98 100

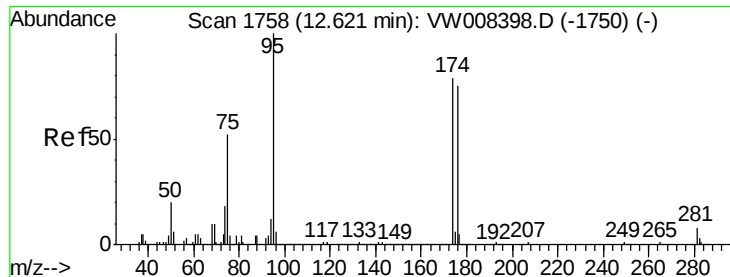
100 66.1 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

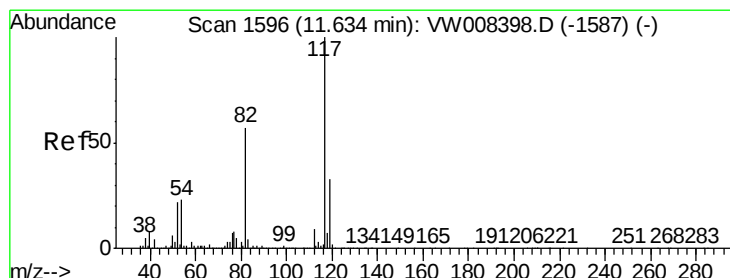
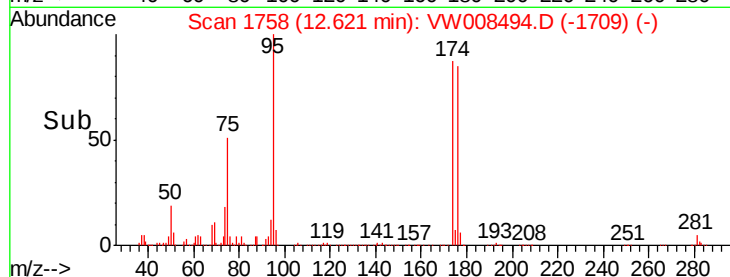
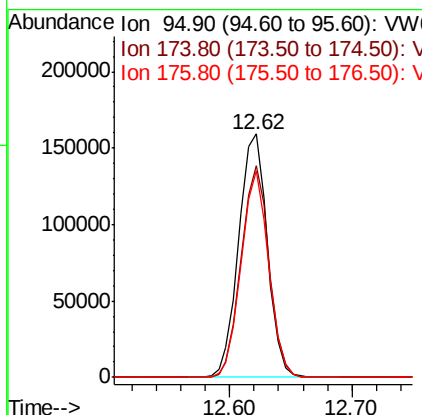
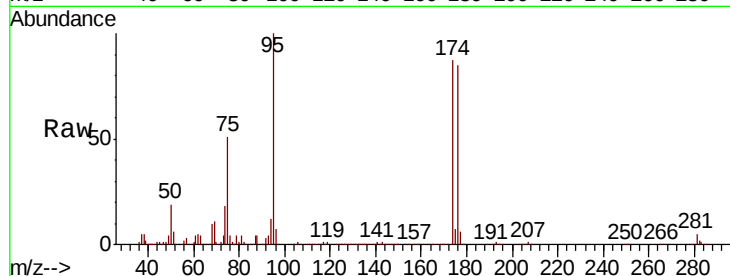




#62
4-Bromofluorobenzene
Concen: 48.937 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008494.D
Acq: 01 Feb 2019 20:51

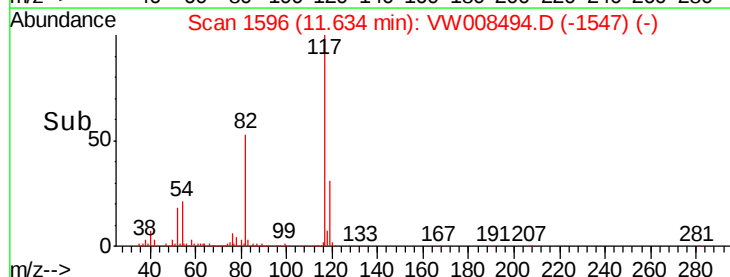
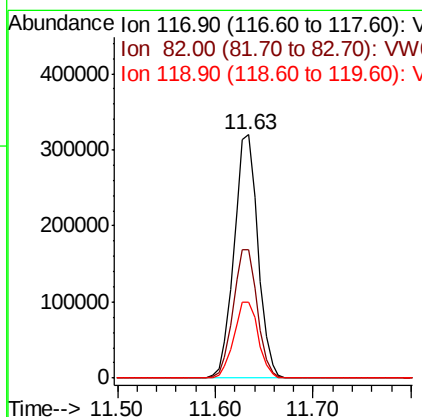
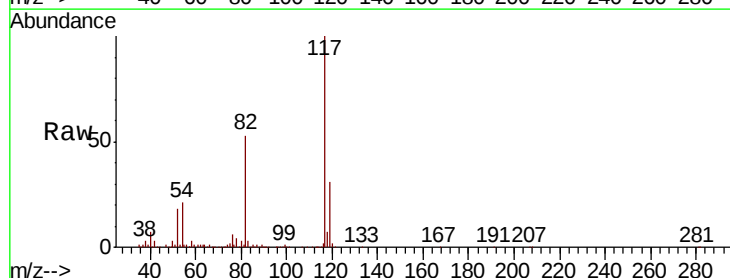
Instrument :
MSVOA_W
ClientSampleId :
FK-BPM-03-005-ABCD

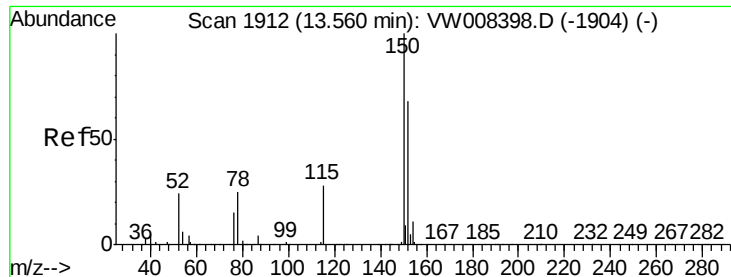
Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.0	0.0	157.6
176	81.7	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008494.D
Acq: 01 Feb 2019 20:51

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.6	45.4	68.0
119	31.3	26.2	39.4



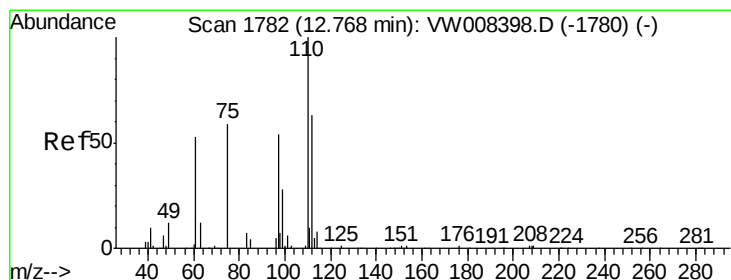
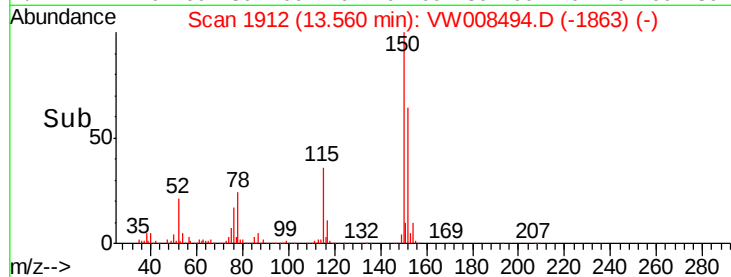
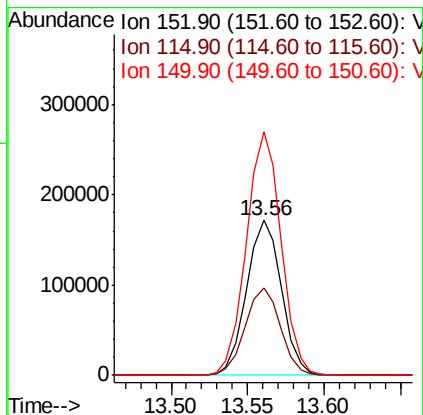
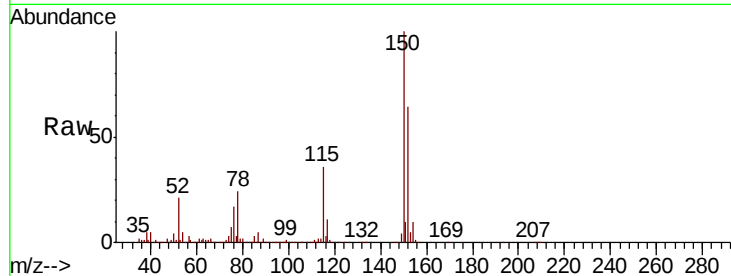


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008494.D
Acq: 01 Feb 2019 20:51

Instrument :
MSVOA_W
ClientSampleId :
FK-BPM-03-005-ABCD

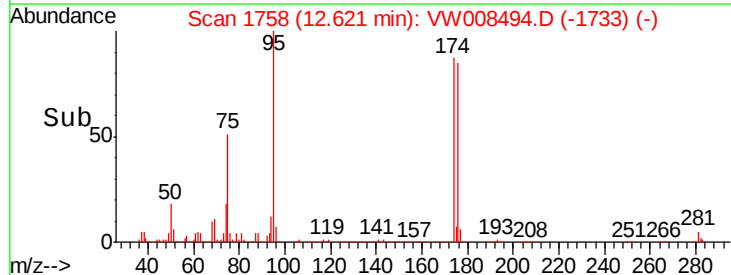
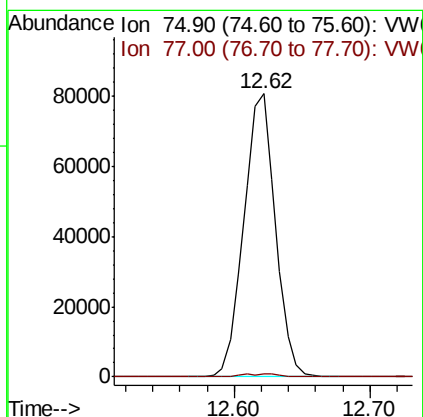
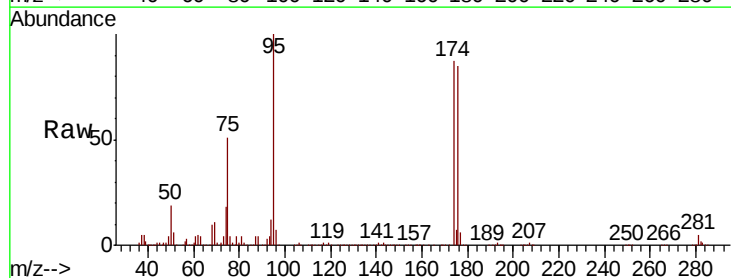
Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.2	29.9	89.7
150	156.2	0.0	351.4

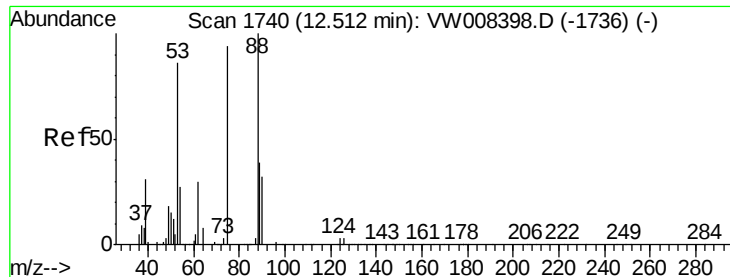


#76

1,2,3-Trichloropropane
Concen: 55.481 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW008494.D
Acq: 01 Feb 2019 20:51

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	180.7	542.1





#81

trans-1,4-Dichloro-2-butene

Concen: 109.579 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008494.D

Acq: 01 Feb 2019 20:51

Instrument :

MSVOA_W

ClientSampleId :

FK-BPM-03-005-ABCD

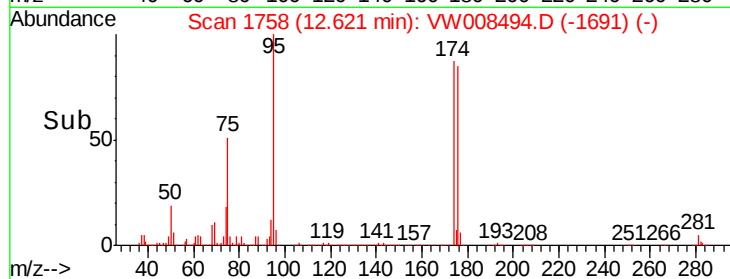
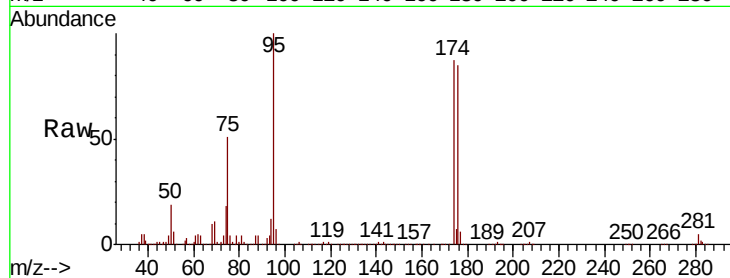
Tgt Ion: 75 Resp: 131221

Ion Ratio Lower Upper

75 100

53 0.0 76.0 114.0#

89 0.2 35.4 53.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

