

Data File : VW009244.D
Acq On : 19 Mar 2019 16:33
Operator : SY/VA
Sample : K1861-04
Misc : 5.01G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF-09-031119

Quant Time: Mar 20 07:32:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W031919S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 20 07:22:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	276861	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	449768	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	405486	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	198874	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	174297	59.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.38%	
35) Dibromofluoromethane	7.88	113	151339	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	
50) Toluene-d8	10.32	98	548692	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	
62) 4-Bromofluorobenzene	12.62	95	183859	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	

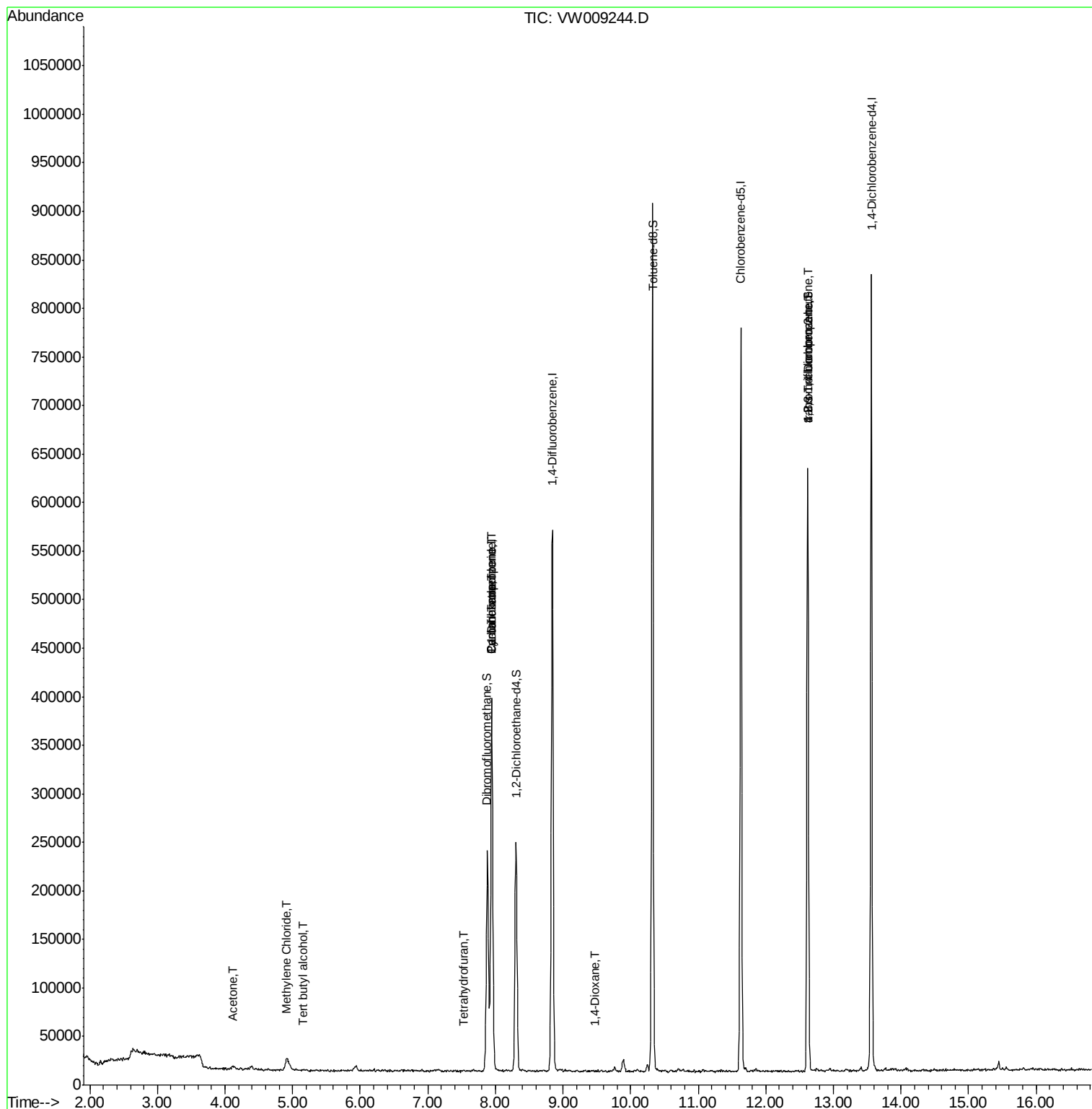
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.01	85	1099	Below Cal	#	67
11) Tert butyl alcohol	5.14	59	219	1.281	ug/l #	70
16) Acetone	4.12	43	5156	8.534	ug/l	97
20) Methylene Chloride	4.90	84	9875	1.295	ug/l	97
29) Tetrahydrofuran	7.53	42	595	1.081	ug/l #	54
31) Cyclohexane	7.95	56	7120	1.474	ug/l #	37
36) 1,1-Dichloropropene	7.94	75	22031	4.922	ug/l #	51
38) Carbon Tetrachloride	7.95	117	28544	6.026	ug/l #	16
49) 1,4-Dioxane	9.48	88	47	1.786	ug/l #	22
76) 1,2,3-Trichloropropane	12.62	75	101827	54.486	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	101827	133.693	ug/l #	7

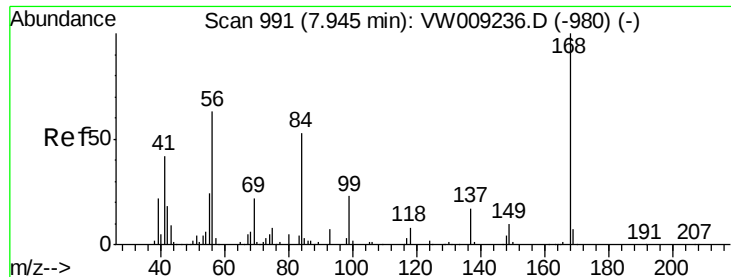
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW009244.D

Acq: 19 Mar 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

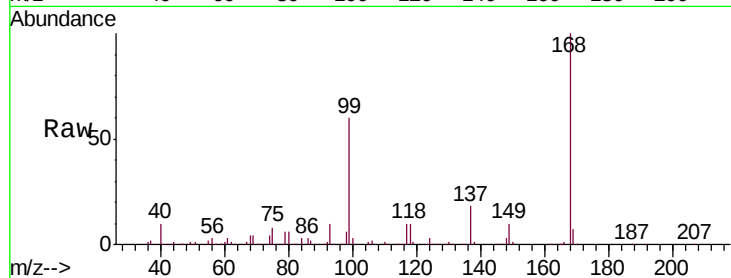
BF-09-031119

Tgt Ion:168 Resp: 276861

Ion Ratio Lower Upper

168 100

99 59.6 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

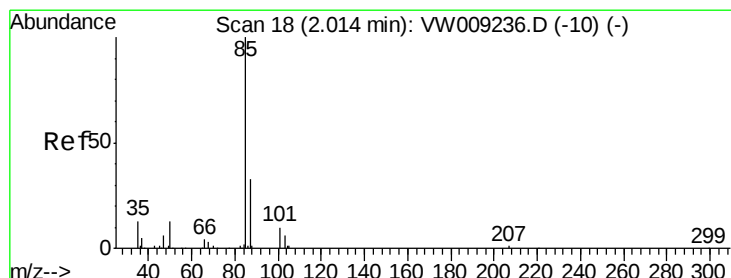
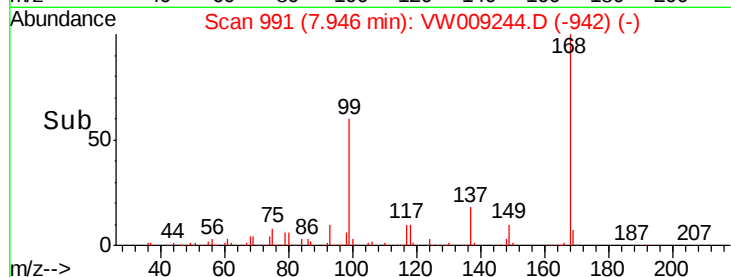
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW009244.D

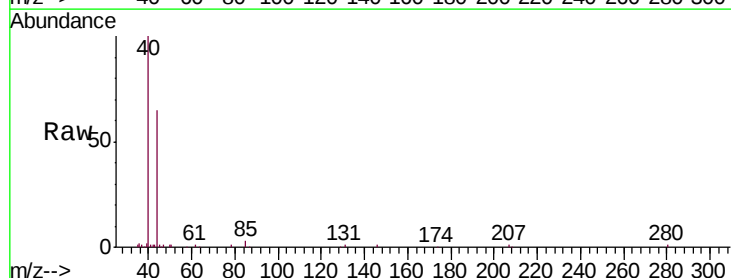
Acq: 19 Mar 2019 16:33

Tgt Ion: 85 Resp: 1099

Ion Ratio Lower Upper

85 100

87 14.9 16.7 50.1#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

400

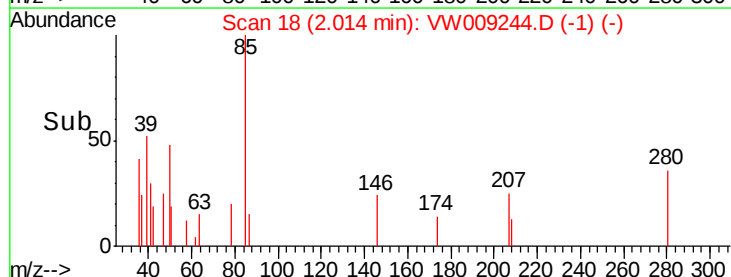
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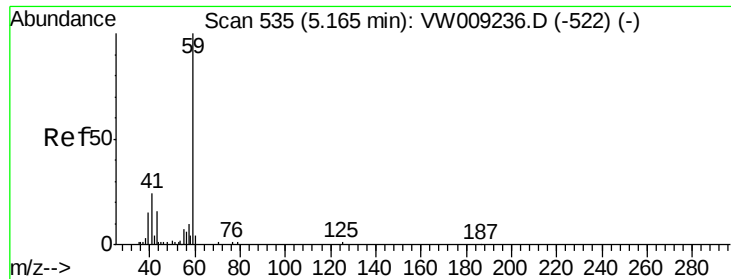
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100

0

Time-->

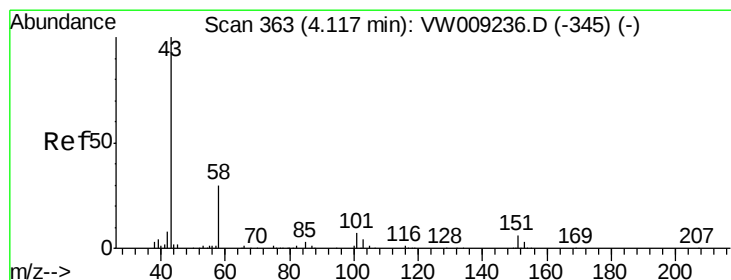
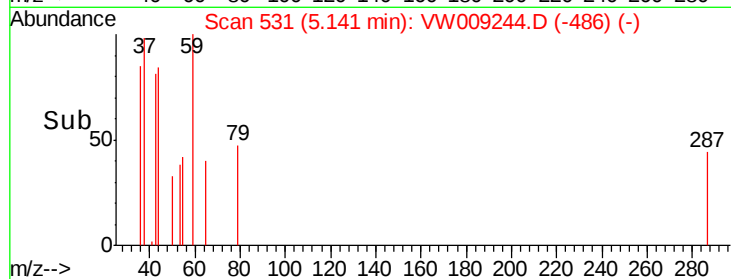
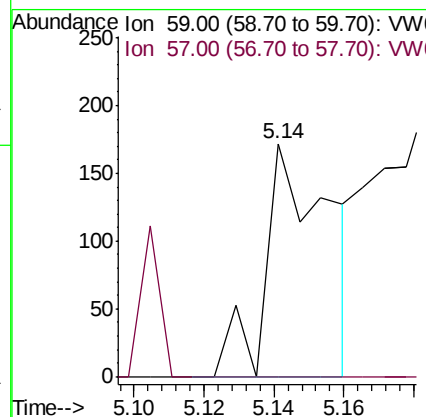
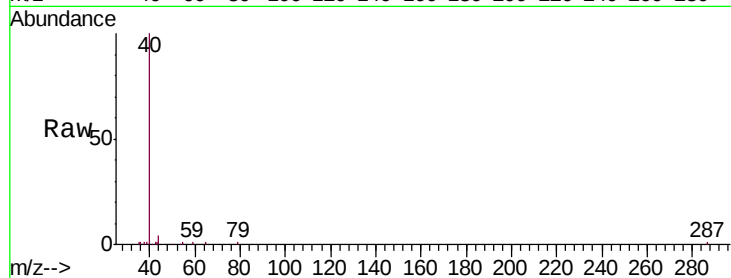




#11
Tert butyl alcohol
Concen: 1.281 ug/l
RT: 5.14 min Scan# 531
Delta R.T. -0.02 min
Lab File: VW009244.D
Acq: 19 Mar 2019 16:33

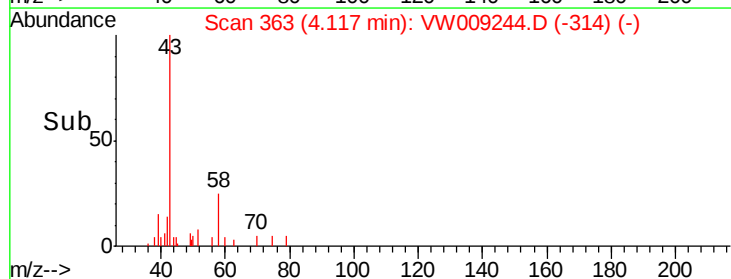
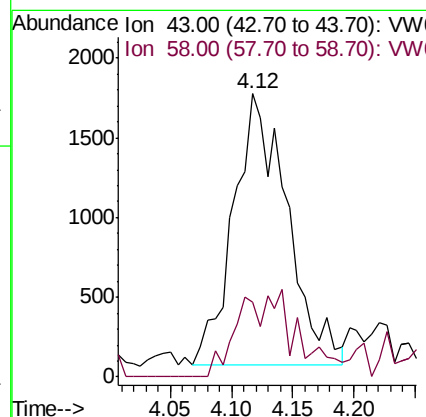
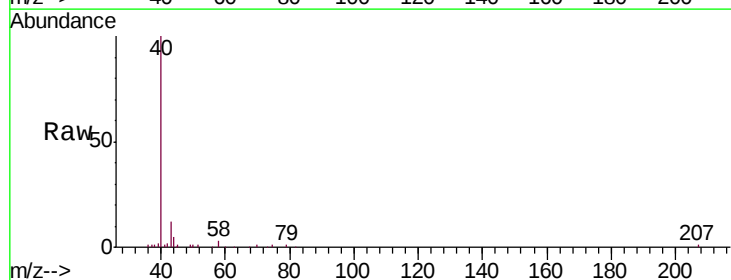
Instrument :
MSVOA_W
ClientSampleId :
BF-09-031119

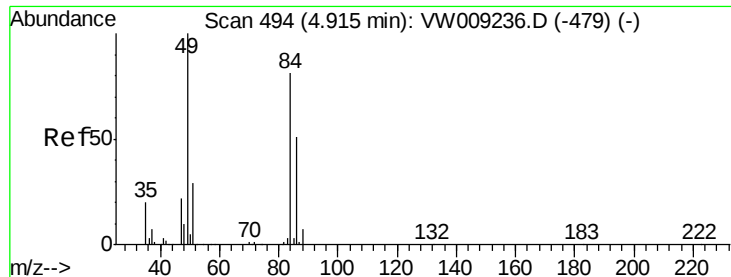
Tgt Ion: 59 Resp: 219
Ion Ratio Lower Upper
59 100
57 0.0 9.4 14.0#



#16
Acetone
Concen: 8.534 ug/l
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW009244.D
Acq: 19 Mar 2019 16:33

Tgt Ion: 43 Resp: 5156
Ion Ratio Lower Upper
43 100
58 27.8 23.6 35.4

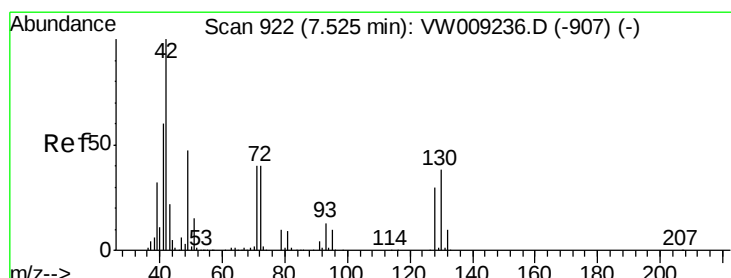
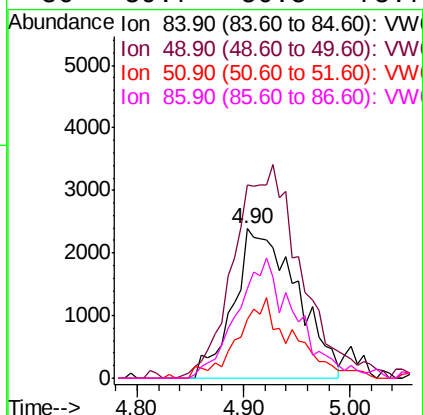
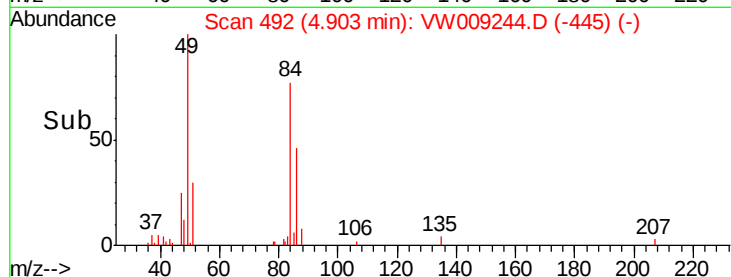
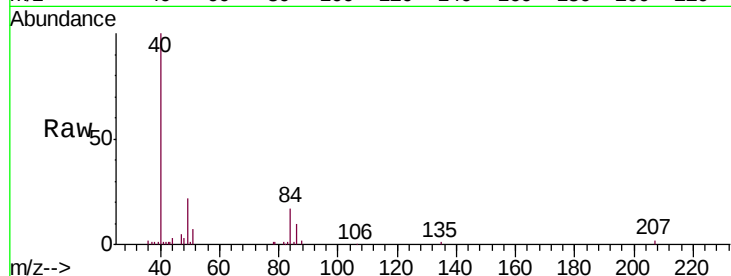




#20
Methylene Chloride
Concen: 1.295 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW009244.D
Acq: 19 Mar 2019 16:33

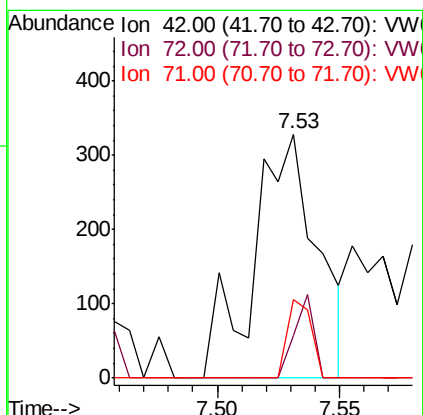
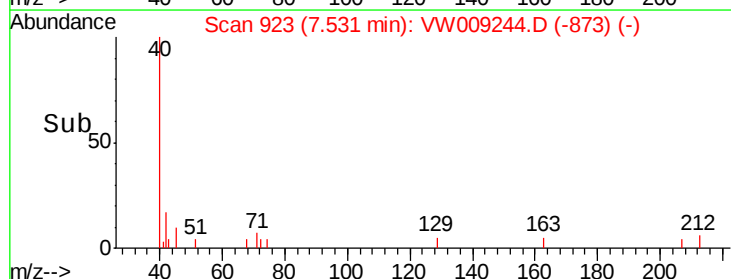
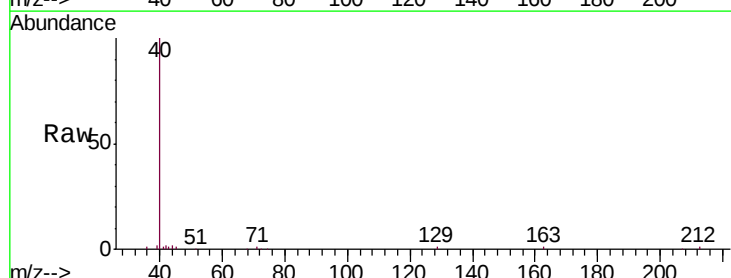
Instrument :
MSVOA_W
ClientSampleId :
BF-09-031119

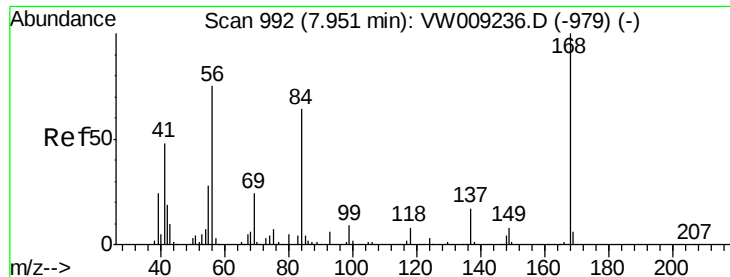
Tgt Ion:	84	Resp:	9875
Ion	Ratio	Lower	Upper
84	100		
49	126.4	99.1	148.7
51	39.5	28.7	43.1
86	59.7	50.5	75.7



#29
Tetrahydrofuran
Concen: 1.081 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW009244.D
Acq: 19 Mar 2019 16:33

Tgt Ion:	42	Resp:	595
Ion	Ratio	Lower	Upper
42	100		
72	10.4	32.4	48.6#
71	12.1	30.1	45.1#

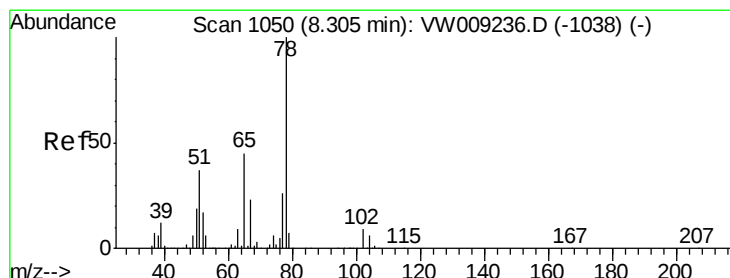
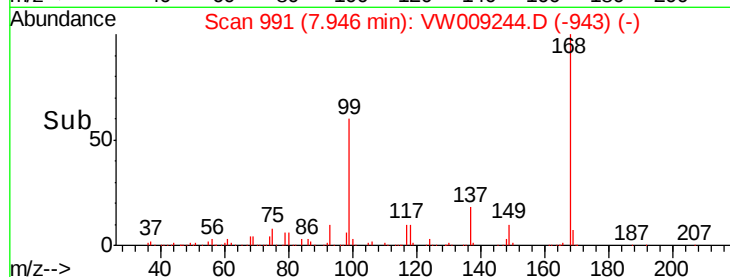
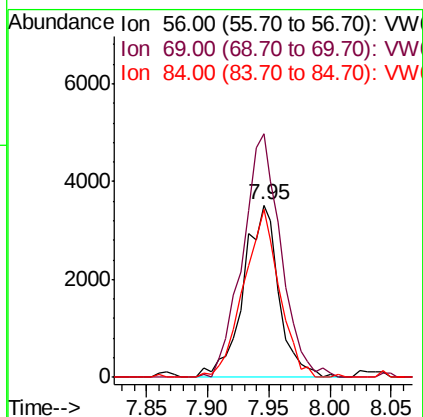
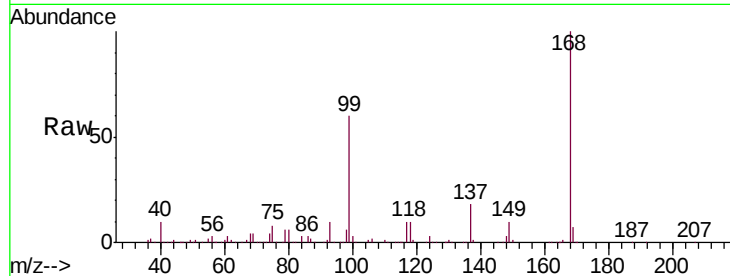




#31
Cyclohexane
Concen: 1.474 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW009244.D
Acq: 19 Mar 2019 16:33

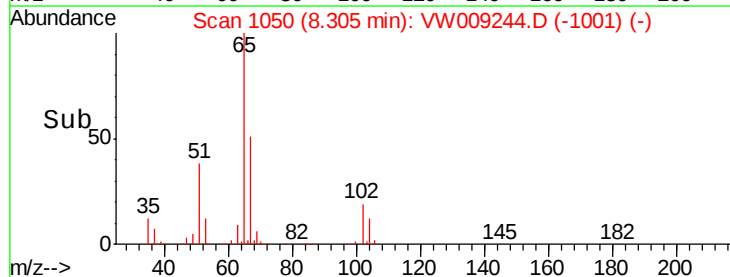
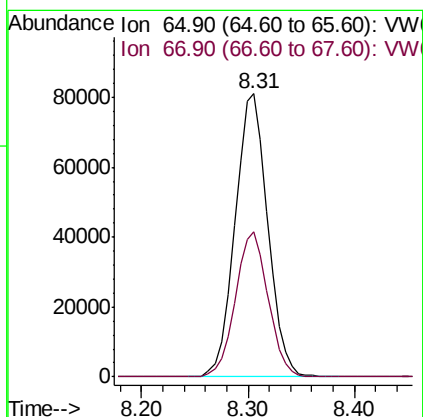
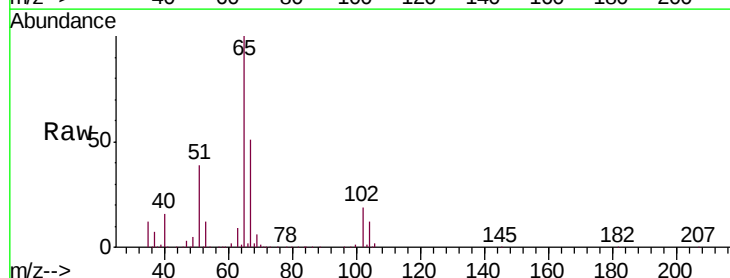
Instrument :
MSVOA_W
ClientSampleId :
BF-09-031119

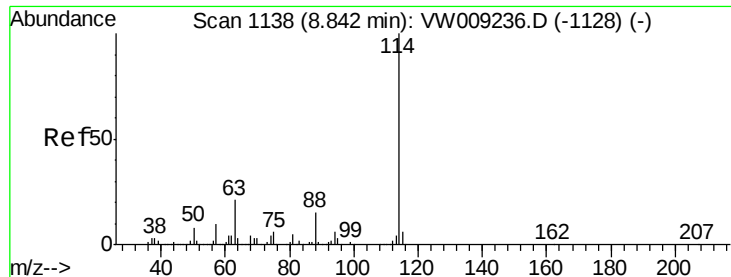
Tgt Ion: 56 Resp: 7120
Ion Ratio Lower Upper
56 100
69 141.3 26.1 39.1#
84 97.7 68.6 103.0



#33
1,2-Dichloroethane-d4
Concen: 59.186 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW009244.D
Acq: 19 Mar 2019 16:33

Tgt Ion: 65 Resp: 174297
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.4

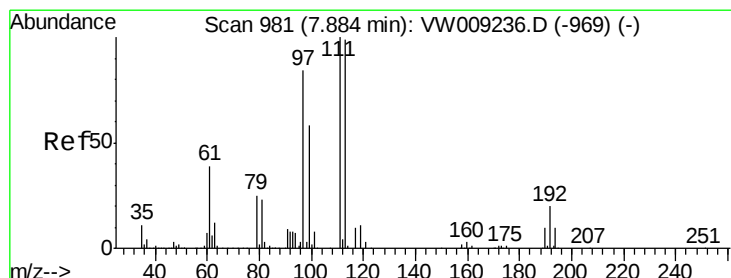
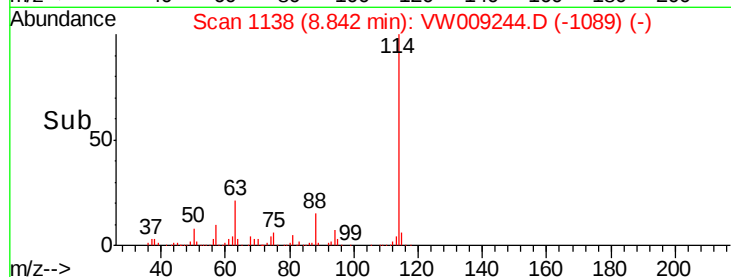
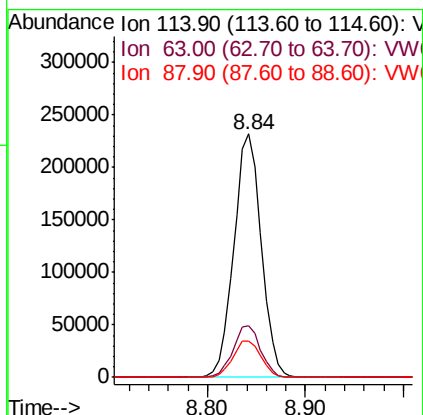
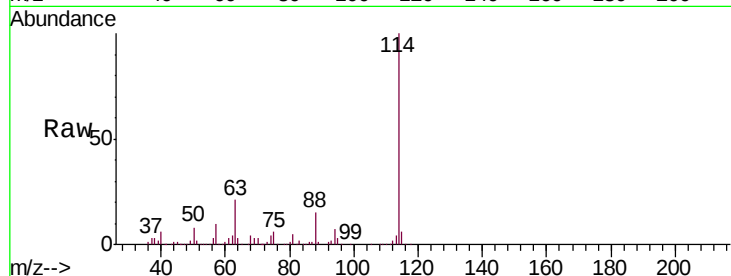




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009244.D
 Acq: 19 Mar 2019 16:33

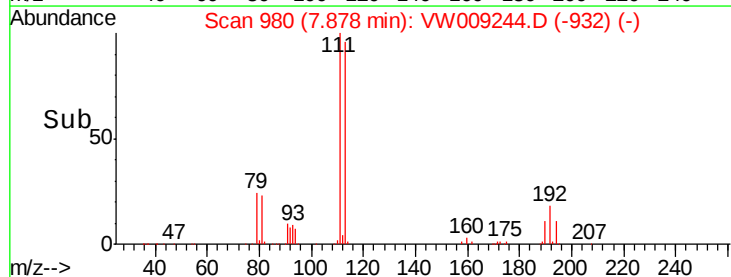
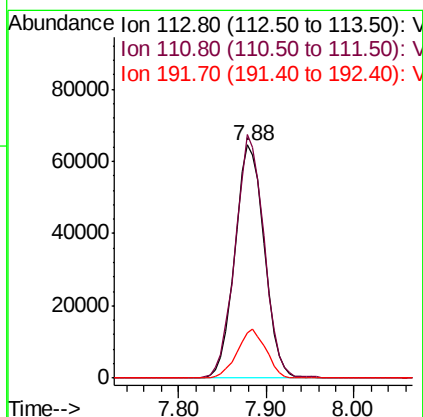
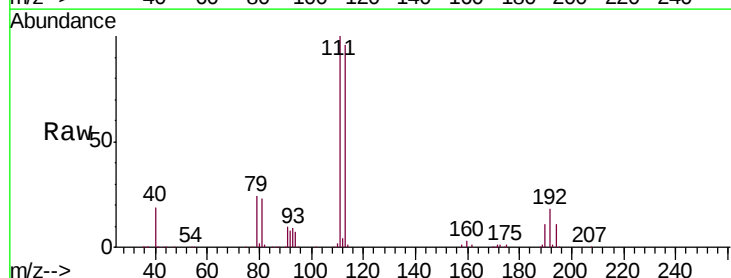
Instrument :
 MSVOA_W
 ClientSampleId :
 BF-09-031119

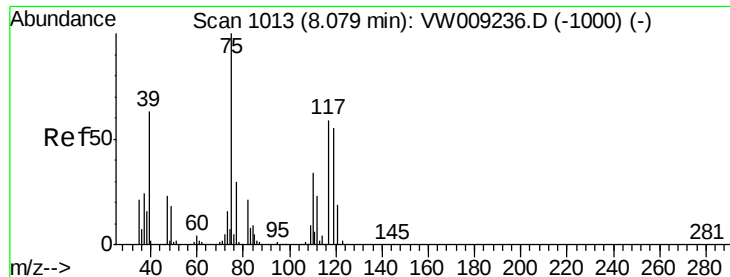
Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	42.2
88	15.0	0.0	30.8



#35
 Dibromofluoromethane
 Concen: 53.044 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW009244.D
 Acq: 19 Mar 2019 16:33

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	124.0
192	20.4	16.4	24.6

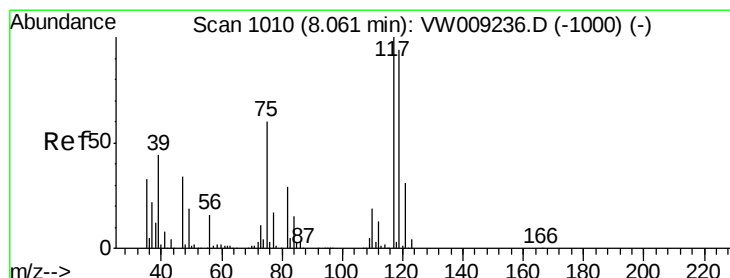
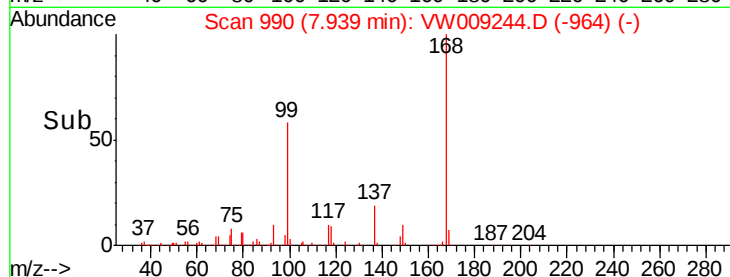
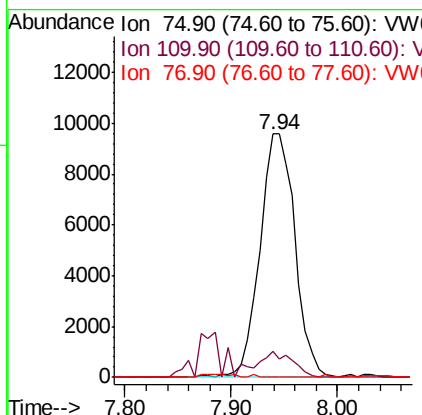
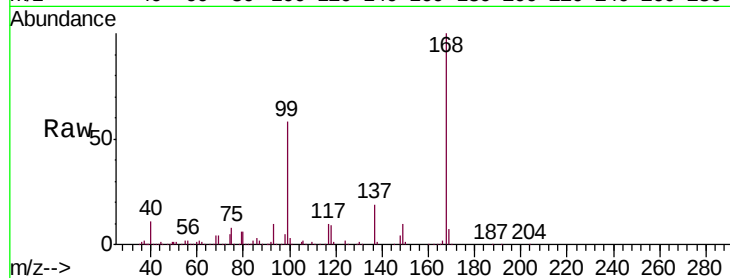




#36
 1,1-Dichloropropene
 Concen: 4.922 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW009244.D
 Acq: 19 Mar 2019 16:33

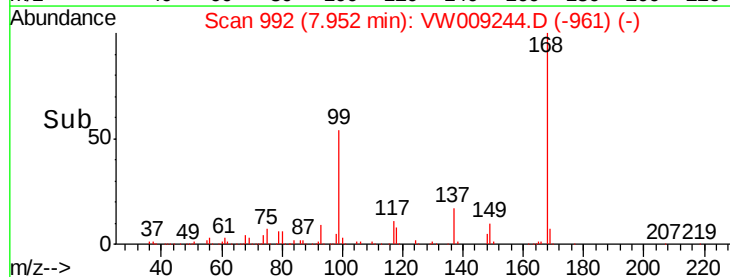
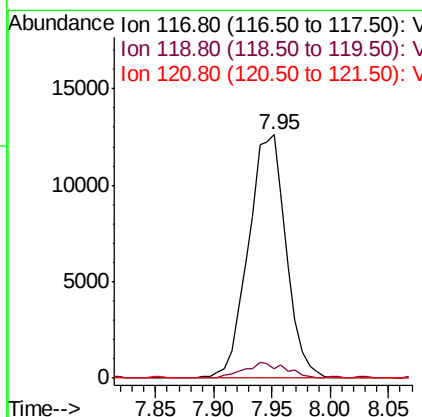
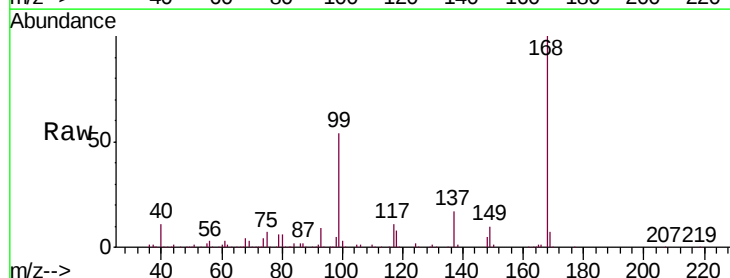
Instrument :
 MSVOA_W
 ClientSampleId :
 BF-09-031119

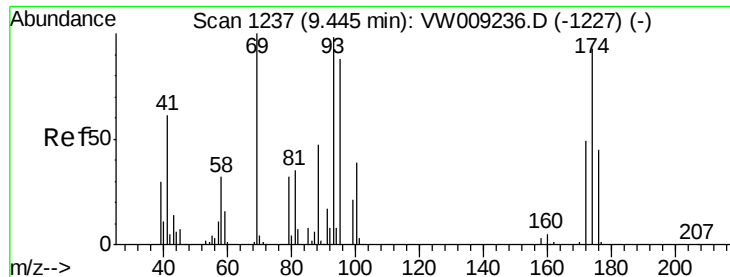
Tgt Ion: 75 Resp: 22031
 Ion Ratio Lower Upper
 75 100
 110 9.7 16.8 50.4#
 77 0.2 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 6.026 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.11 min
 Lab File: VW009244.D
 Acq: 19 Mar 2019 16:33

Tgt Ion: 117 Resp: 28544
 Ion Ratio Lower Upper
 117 100
 119 3.6 75.4 113.0#
 121 0.0 24.9 37.3#





#49

1,4-Dioxane

Concen: 1.786 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. 0.03 min

Lab File: VW009244.D

Acq: 19 Mar 2019 16:33

Instrument :

MSVOA_W

ClientSampled :

BF-09-031119

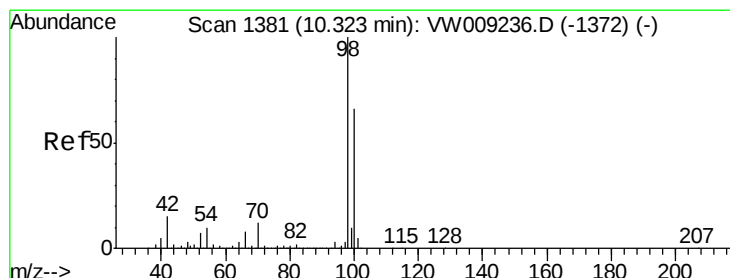
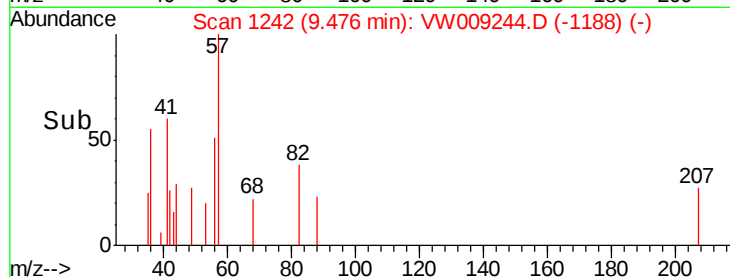
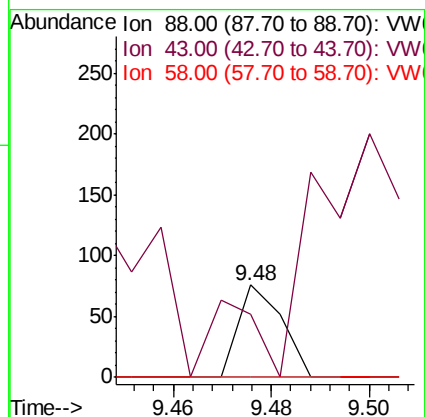
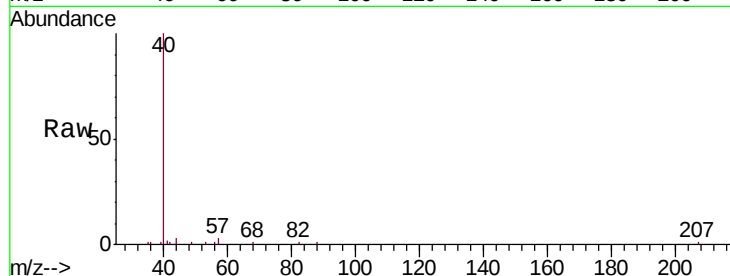
Tgt Ion: 88 Resp: 47

Ion Ratio Lower Upper

88 100

43 0.0 29.7 44.5#

58 0.0 58.1 87.1#



#50

Toluene-d8

Concen: 52.920 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009244.D

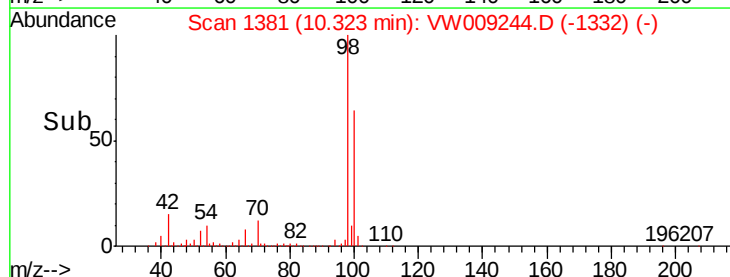
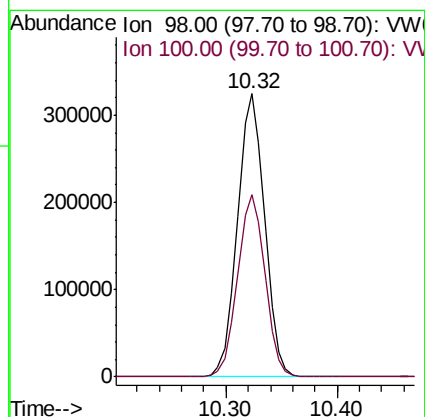
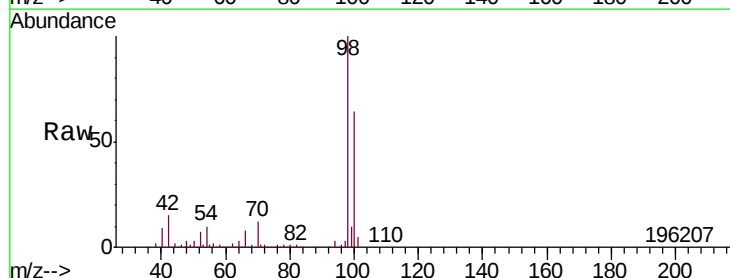
Acq: 19 Mar 2019 16:33

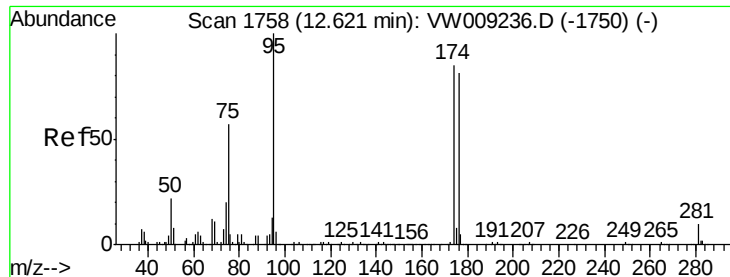
Tgt Ion: 98 Resp: 548692

Ion Ratio Lower Upper

98 100

100 64.9 52.6 79.0

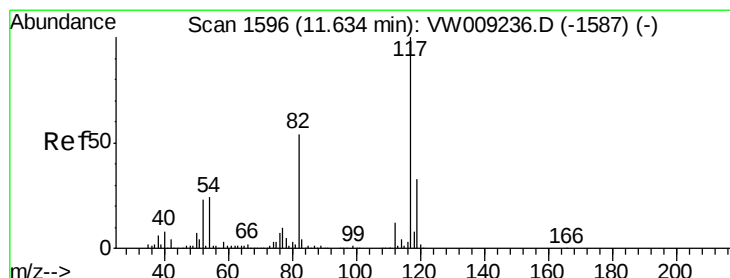
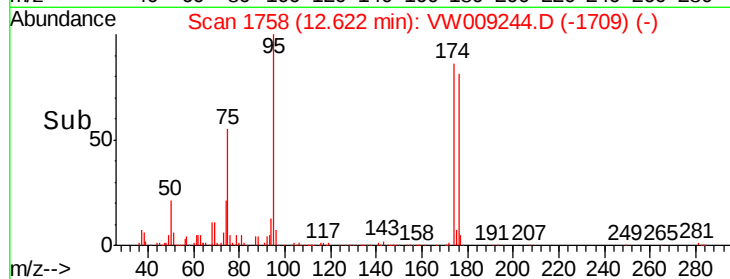
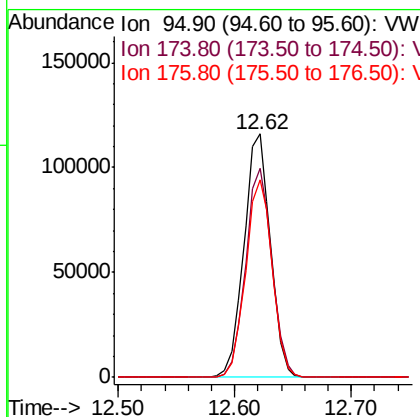
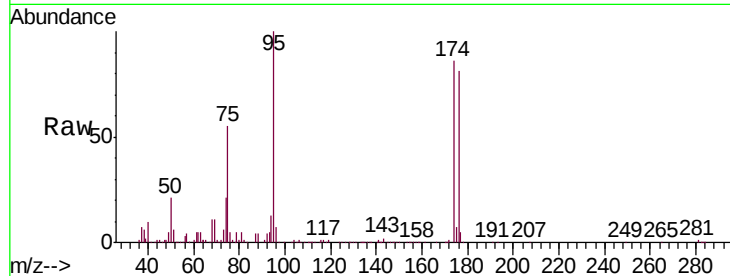




#62
4-Bromofluorobenzene
Concen: 48.296 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW009244.D
Acq: 19 Mar 2019 16:33

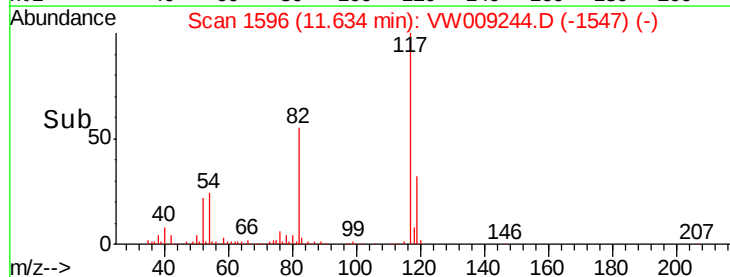
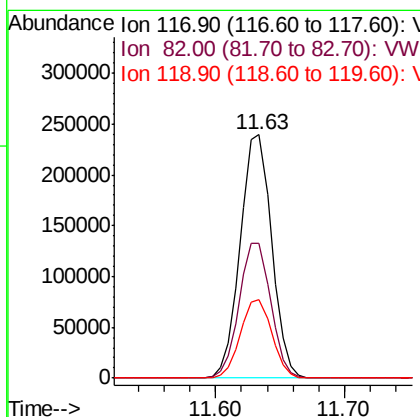
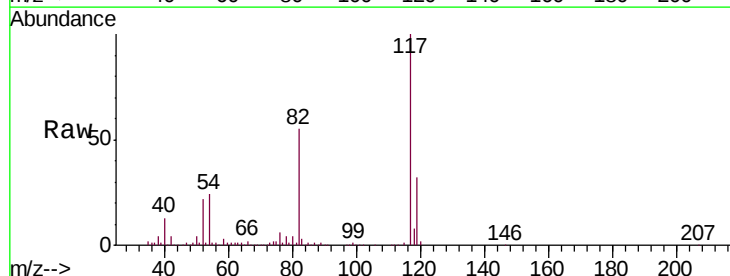
Instrument :
MSVOA_W
ClientSampleId :
BF-09-031119

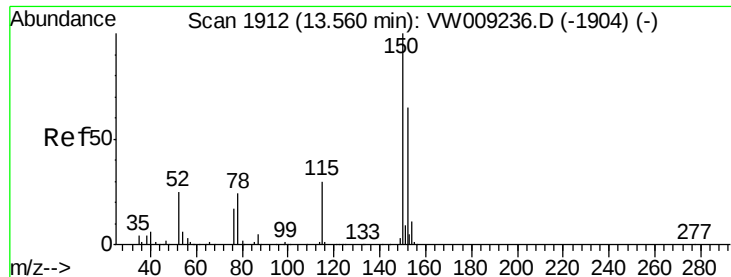
Tgt Ion: 95 Resp: 183859
Ion Ratio Lower Upper
95 100
174 85.6 0.0 168.4
176 81.7 0.0 161.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009244.D
Acq: 19 Mar 2019 16:33

Tgt Ion: 117 Resp: 405486
Ion Ratio Lower Upper
117 100
82 55.1 43.6 65.4
119 32.4 26.0 39.0



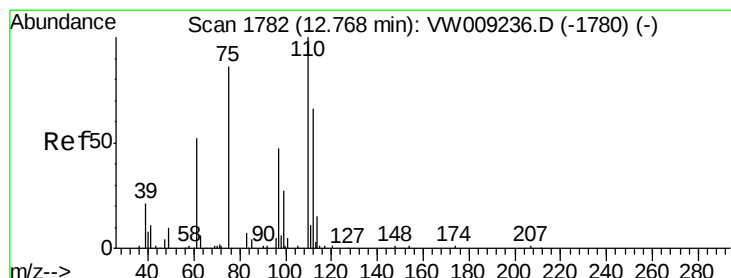
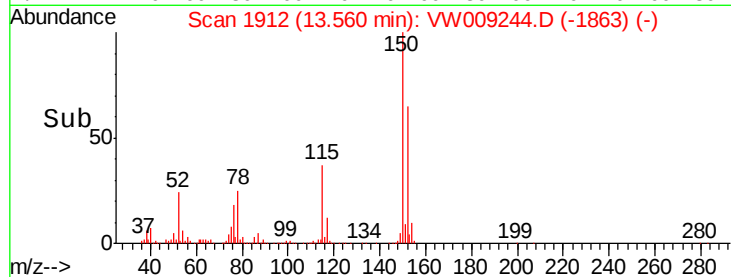
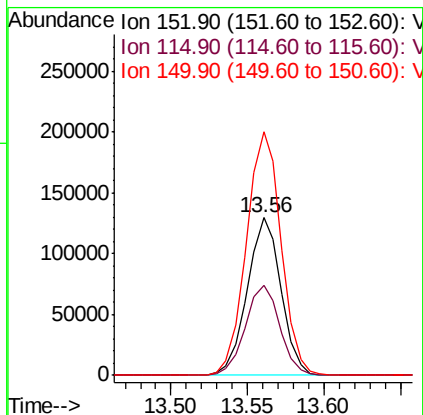
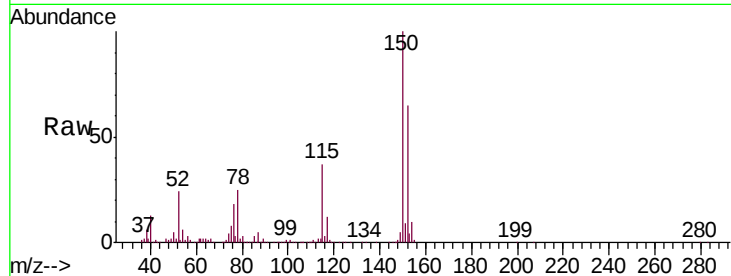


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW009244.D
Acq: 19 Mar 2019 16:33

Instrument :
MSVOA_W
ClientSampled :
BF-09-031119

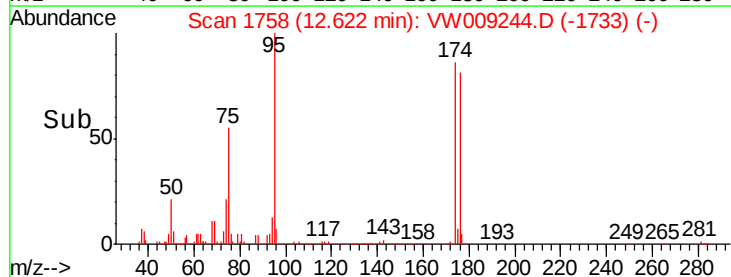
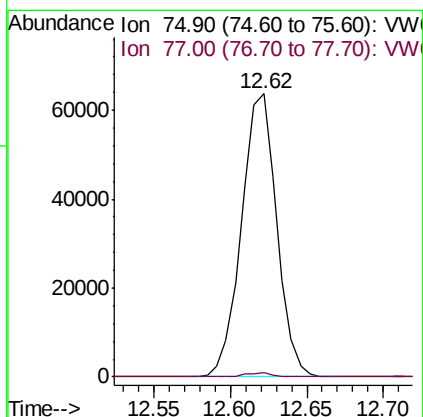
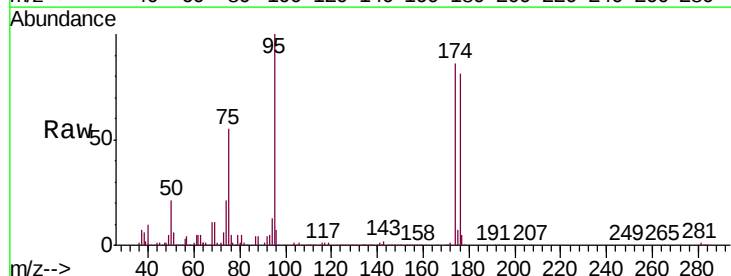
Tgt Ion:152 Resp: 198874
Ion Ratio Lower Upper
152 100
115 57.9 29.6 88.8
150 158.4 0.0 349.2

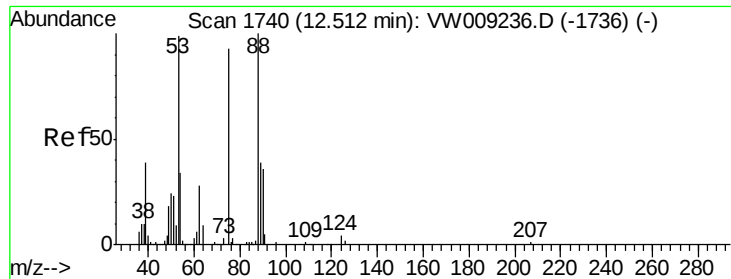


#76

1,2,3-Trichloropropane
Concen: 54.486 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW009244.D
Acq: 19 Mar 2019 16:33

Tgt Ion: 75 Resp: 101827
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 133.693 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW009244.D

Acq: 19 Mar 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

BF-09-031119

Tgt Ion: 75 Resp: 101827

Ion Ratio Lower Upper

75 100

53 0.2 86.7 130.1#

89 0.0 36.4 54.6#

