

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF032119\
 Data File : VF062060.D
 Acq On : 21 Mar 2019 14:59
 Operator : VA/AP
 Sample : K1688-23
 Misc : 6.70g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 JC-02-031919-B

Quant Time: Mar 22 08:08:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 03:22:44 2019
 Response via : Initial Calibration

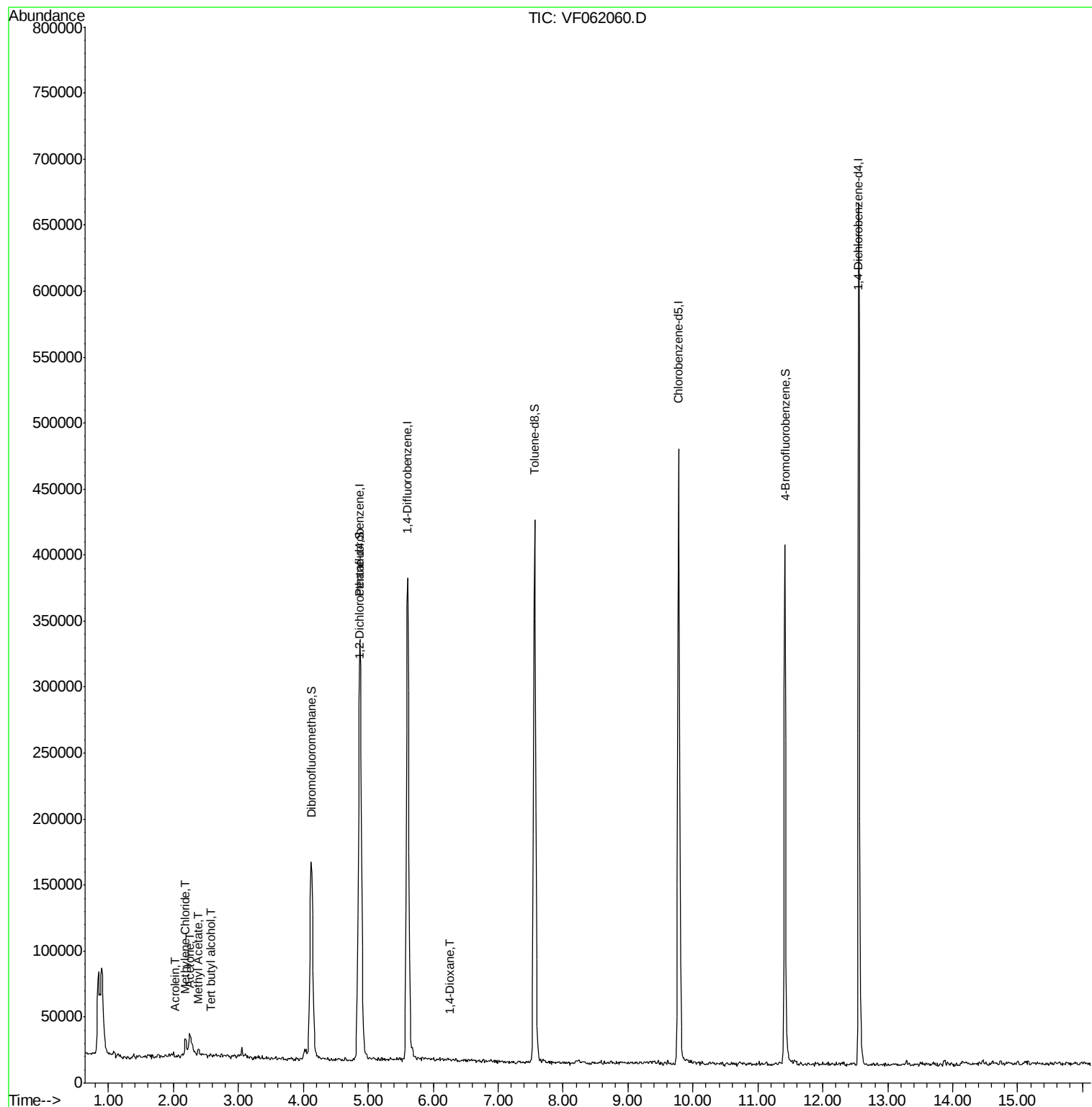
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	289123	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	462545	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	368771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	192041	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	105228	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
35) Dibromofluoromethane	4.12	113	153929	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
50) Toluene-d8	7.56	98	376942	41.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.02%	
62) 4-Bromofluorobenzene	11.42	95	151121	41.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.80%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.59	59	147	1.154	ug/l #	71
13) Acrolein	2.02	56	257	1.869	ug/l #	33
16) Acetone	2.25	43	9142	19.561	ug/l #	88
18) Methyl Acetate	2.38	43	4341	4.099	ug/l #	53
20) Methylene Chloride	2.19	84	7460	3.059	ug/l #	84
49) 1,4-Dioxane	6.25	88	98	7.682	ug/l #	15

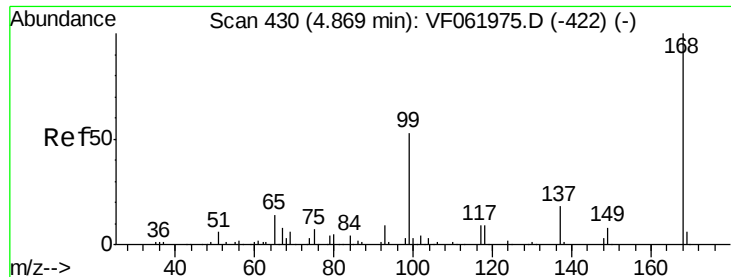
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 22 03:22:44 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. 0.01 min

Lab File: VF062060.D

Acq: 21 Mar 2019 14:59

Instrument :

MSVOA_F

ClientSampleId :

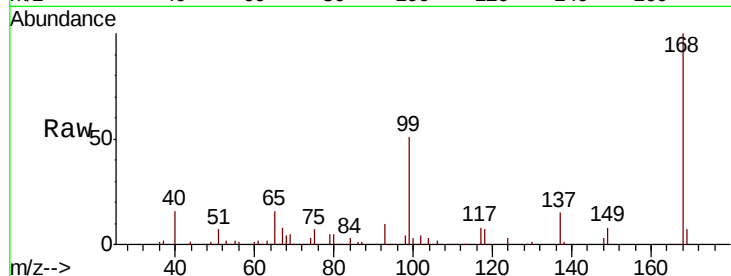
JC-02-031919-B

Tgt Ion:168 Resp: 289123

Ion Ratio Lower Upper

168 100

99 51.1 42.4 63.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.88

100000

80000

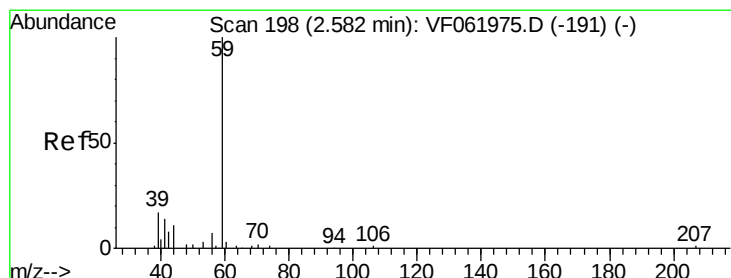
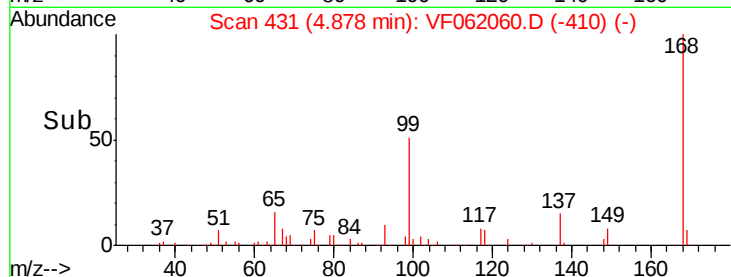
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00



#11

Tert butyl alcohol

Concen: 1.154 ug/l

RT: 2.59 min Scan# 199

Delta R.T. 0.01 min

Lab File: VF062060.D

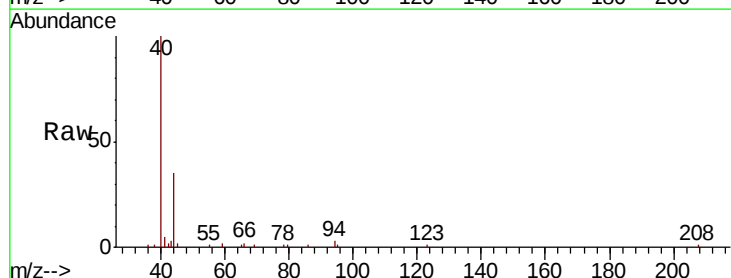
Acq: 21 Mar 2019 14:59

Tgt Ion: 59 Resp: 147

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0

2.59

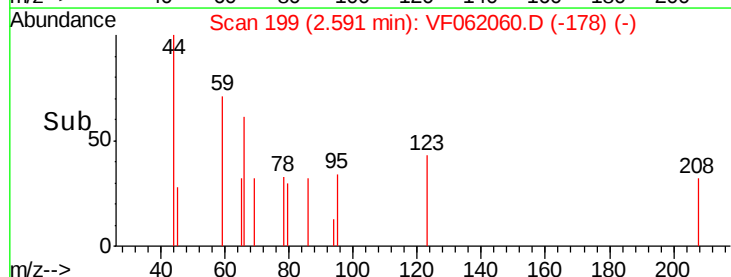
300

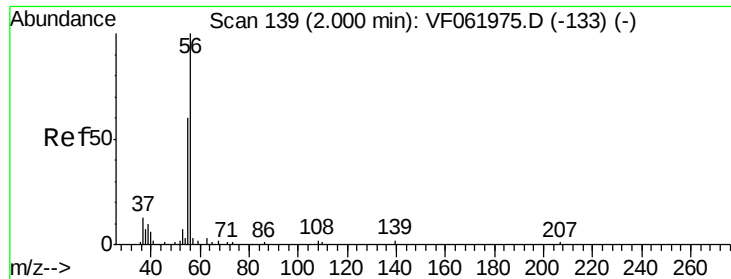
200

100

0

Time--> 2.58 2.60 2.62

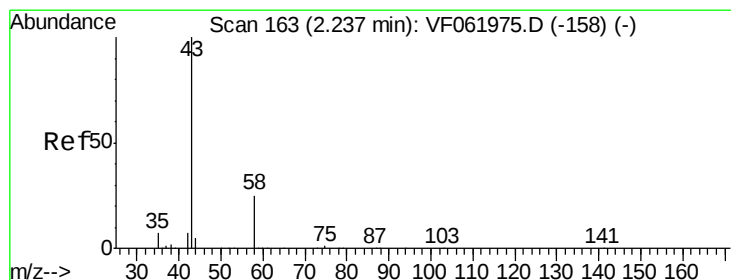
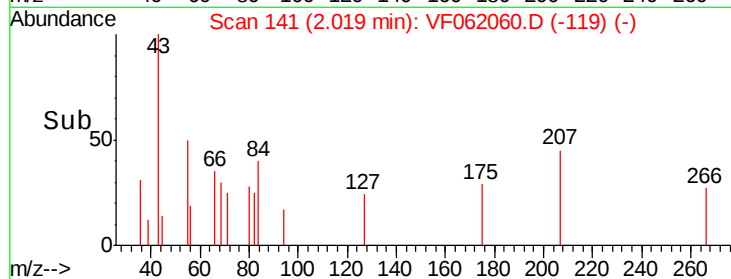
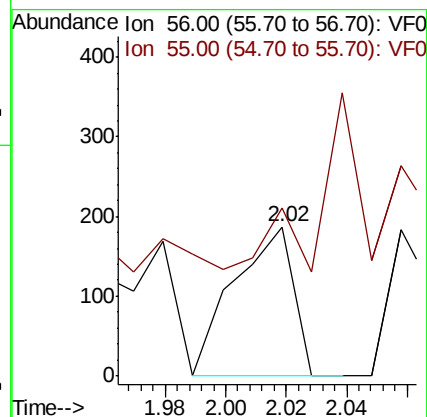
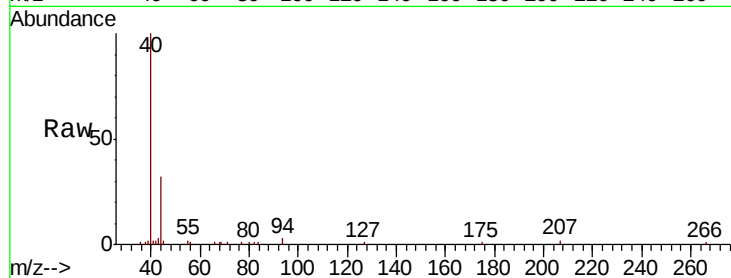




#13
Acrolein
Concen: 1.869 ug/l
RT: 2.02 min Scan# 141
Delta R.T. 0.02 min
Lab File: VF062060.D
Acq: 21 Mar 2019 14:59

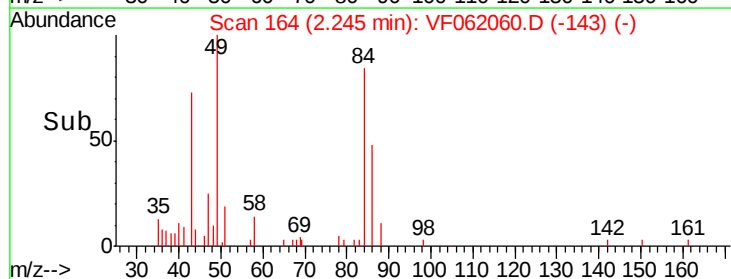
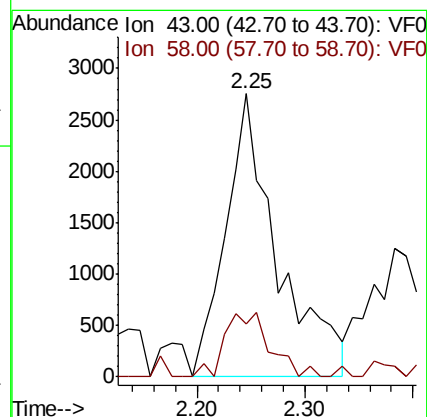
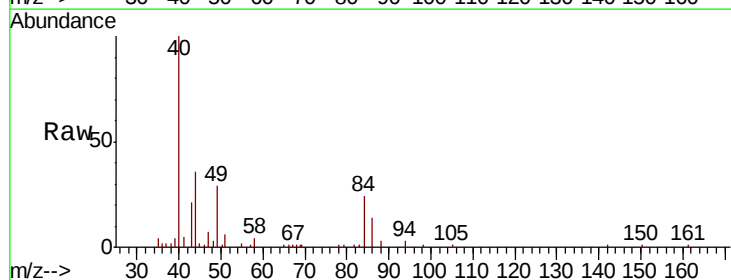
Instrument :
MSVOA_F
ClientSampleId :
JC-02-031919-B

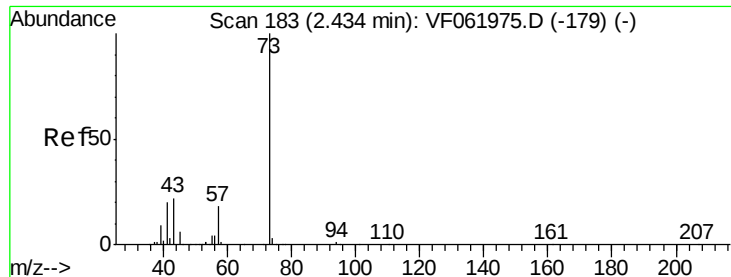
Tgt Ion: 56 Resp: 257
Ion Ratio Lower Upper
56 100
55 112.8 49.1 73.7#



#16
Acetone
Concen: 19.561 ug/l
RT: 2.25 min Scan# 164
Delta R.T. 0.01 min
Lab File: VF062060.D
Acq: 21 Mar 2019 14:59

Tgt Ion: 43 Resp: 9142
Ion Ratio Lower Upper
43 100
58 18.8 19.9 29.9#

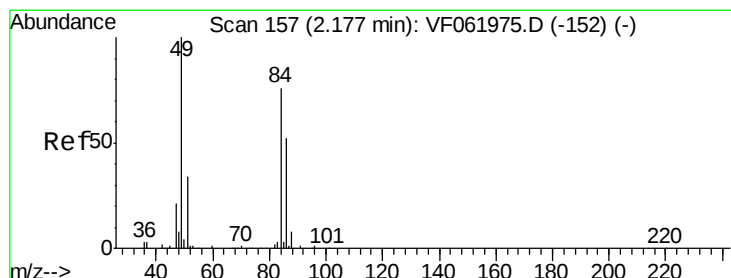
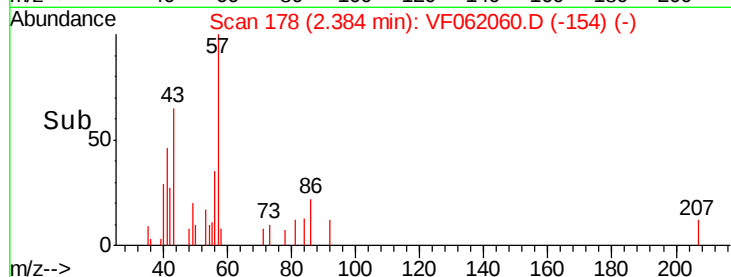
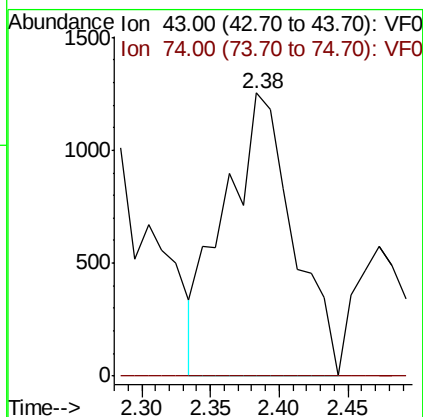
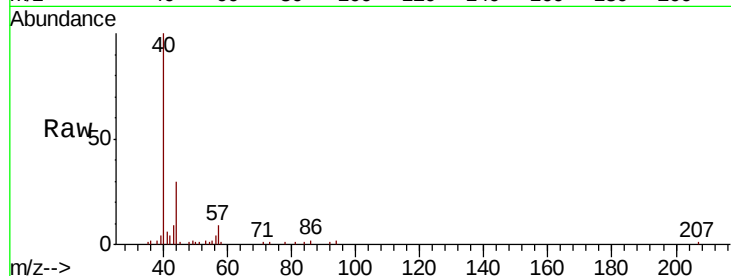




#18
Methyl Acetate
Concen: 4.099 ug/l
RT: 2.38 min Scan# 178
Delta R.T. 0.04 min
Lab File: VF062060.D
Acq: 21 Mar 2019 14:59

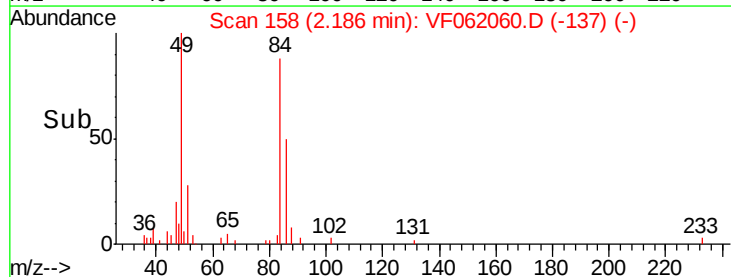
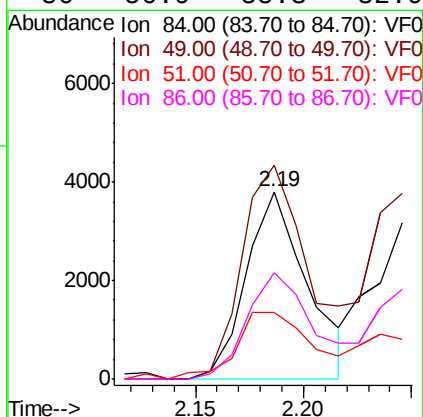
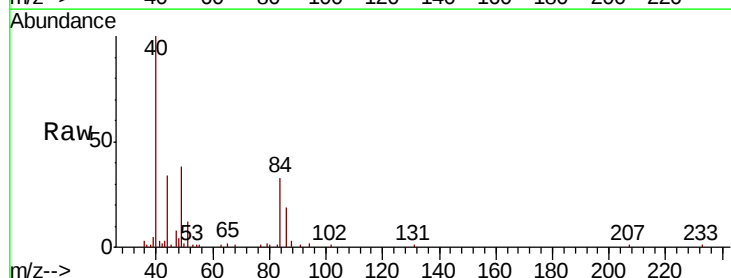
Instrument :
MSVOA_F
ClientSampleId :
JC-02-031919-B

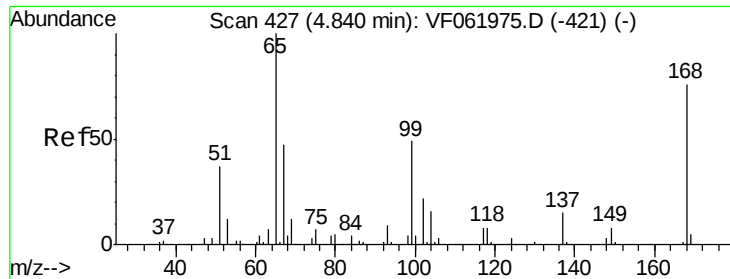
Tgt Ion: 43 Resp: 4341
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#



#20
Methylene Chloride
Concen: 3.059 ug/l
RT: 2.19 min Scan# 158
Delta R.T. 0.01 min
Lab File: VF062060.D
Acq: 21 Mar 2019 14:59

Tgt Ion: 84 Resp: 7460
Ion Ratio Lower Upper
84 100
49 114.0 107.0 160.6
51 35.3 37.2 55.8#
86 56.9 55.3 82.9

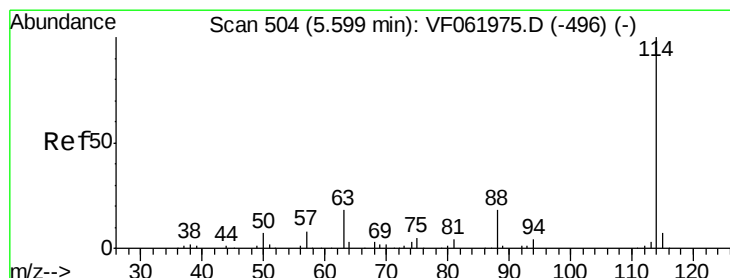
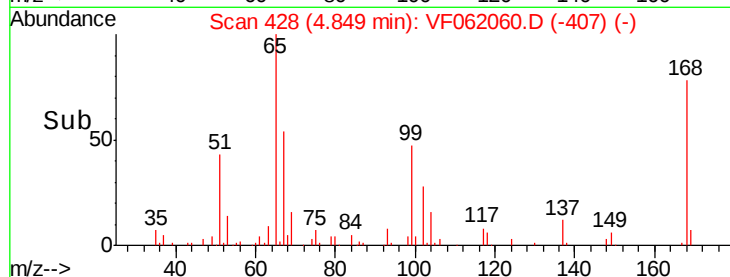
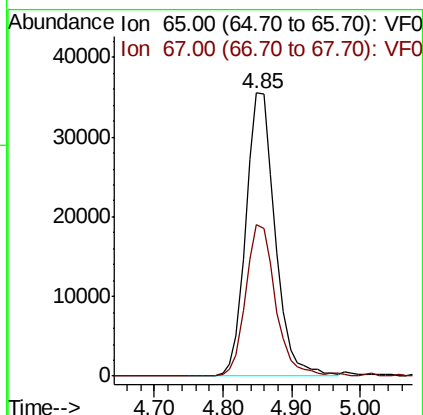
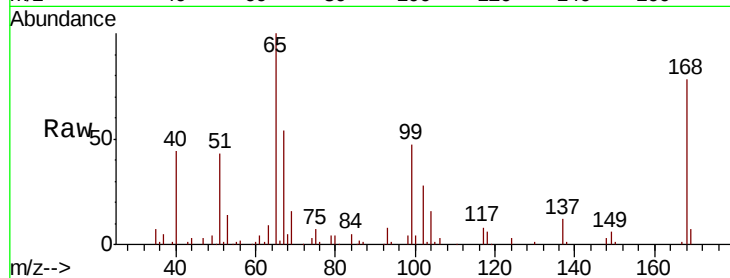




#33
 1,2-Dichloroethane-d4
 Concen: 50.561 ug/l
 RT: 4.85 min Scan# 428
 Delta R.T. 0.01 min
 Lab File: VF062060.D
 Acq: 21 Mar 2019 14:59

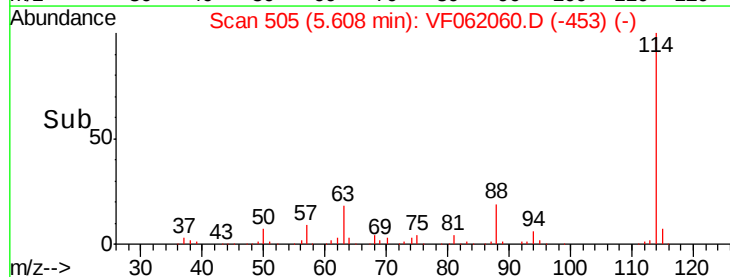
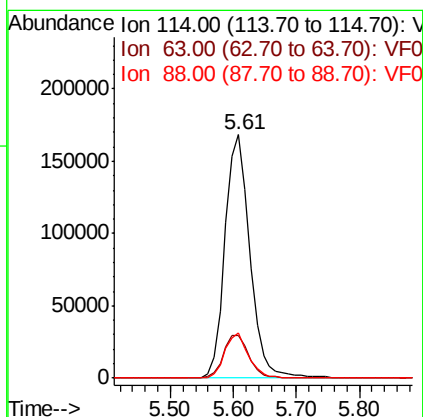
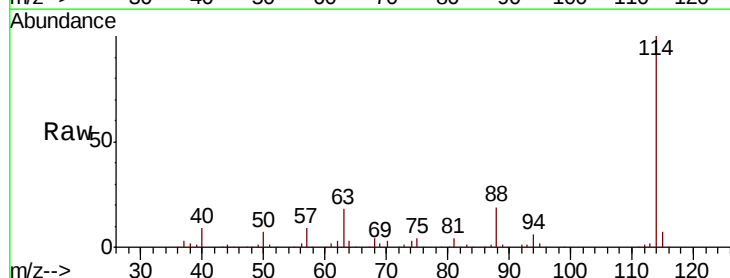
Instrument :
 MSVOA_F
 ClientSampleId :
 JC-02-031919-B

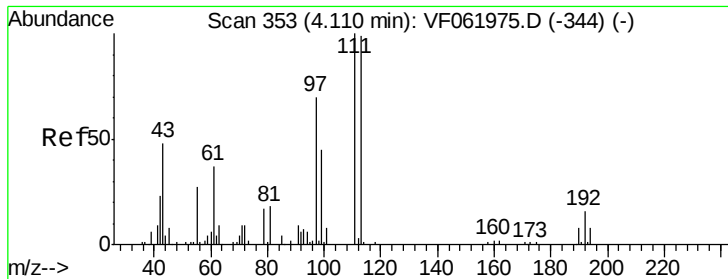
Tgt Ion: 65 Resp: 105228
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.61 min Scan# 505
 Delta R.T. 0.01 min
 Lab File: VF062060.D
 Acq: 21 Mar 2019 14:59

Tgt Ion: 114 Resp: 462545
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 36.4
 88 18.7 0.0 36.4

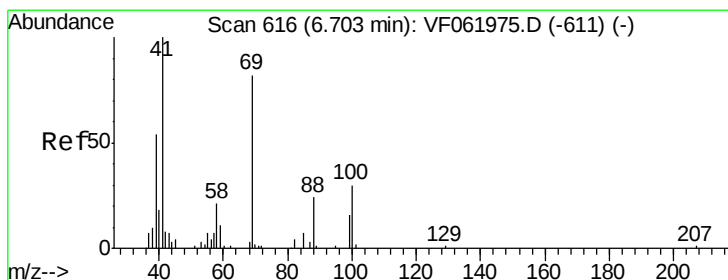
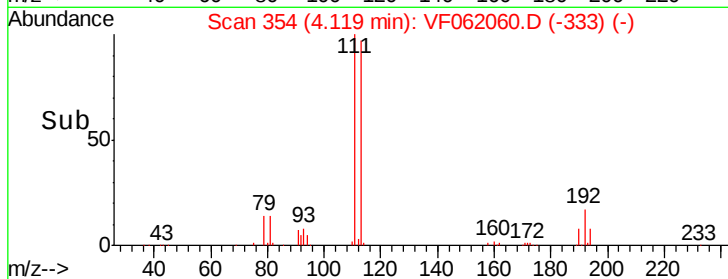
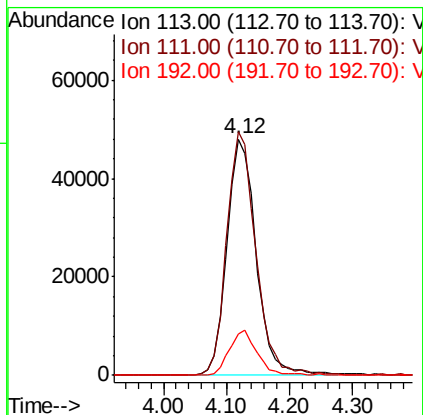
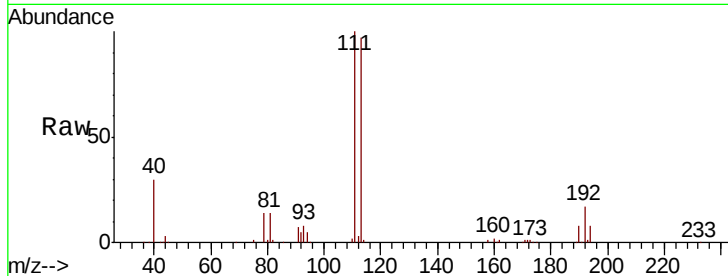




#35
 Dibromofluoromethane
 Concen: 49.557 ug/l
 RT: 4.12 min Scan# 354
 Delta R.T. 0.01 min
 Lab File: VF062060.D
 Acq: 21 Mar 2019 14:59

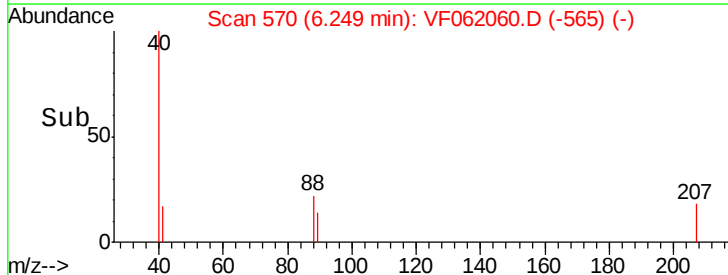
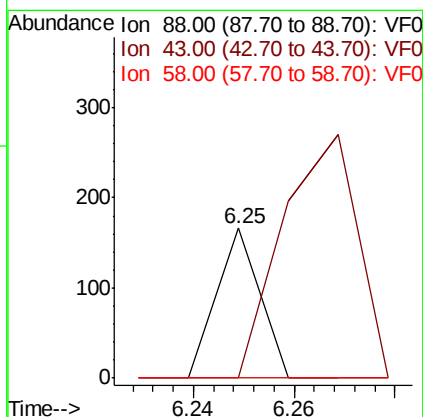
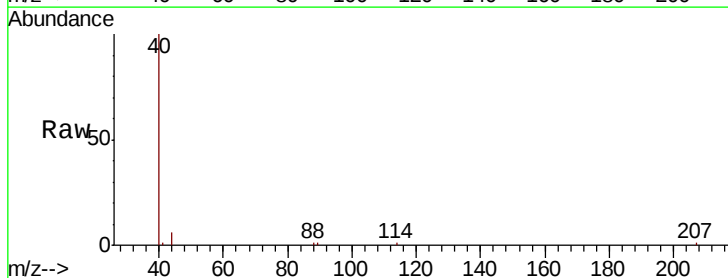
Instrument :
 MSVOA_F
 ClientSampleId :
 JC-02-031919-B

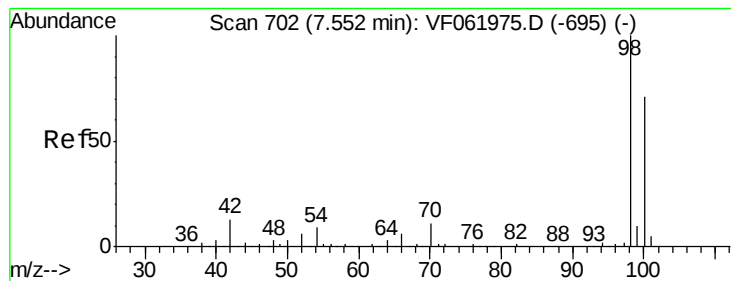
Tgt Ion: 113 Resp: 153929
 Ion Ratio Lower Upper
 113 100
 111 103.2 80.8 121.2
 192 17.8 13.0 19.6



#49
 1,4-Dioxane
 Concen: 7.682 ug/l
 RT: 6.25 min Scan# 570
 Delta R.T. -0.45 min
 Lab File: VF062060.D
 Acq: 21 Mar 2019 14:59

Tgt Ion: 88 Resp: 98
 Ion Ratio Lower Upper
 88 100
 43 0.0 31.2 46.8#
 58 0.0 69.9 104.9#





#50

Toluene-d8

Concen: 41.514 ug/l

RT: 7.56 min Scan# 703

Delta R.T. 0.01 min

Lab File: VF062060.D

Acq: 21 Mar 2019 14:59

Instrument :

MSVOA_F

ClientSampleId :

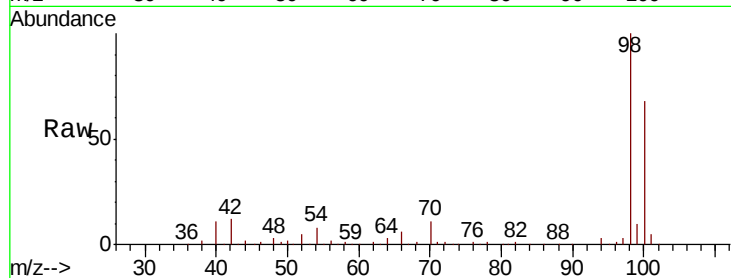
JC-02-031919-B

Tgt Ion: 98 Resp: 376942

Ion Ratio Lower Upper

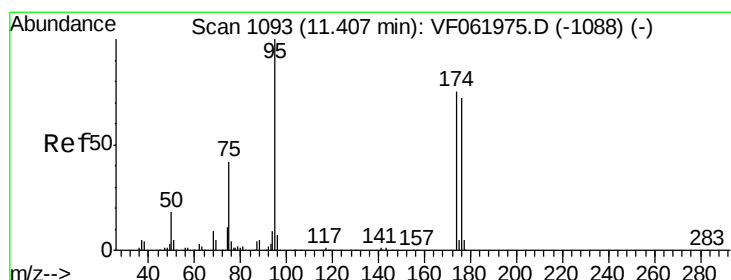
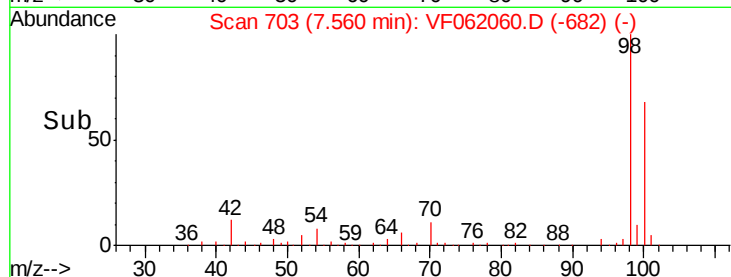
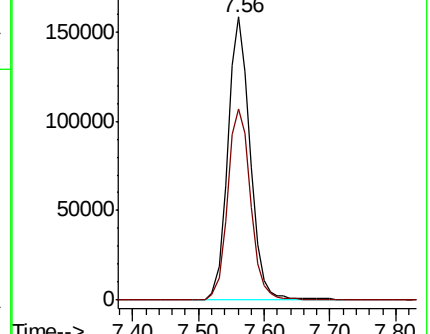
98 100

100 67.6 56.8 85.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 41.895 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.01 min

Lab File: VF062060.D

Acq: 21 Mar 2019 14:59

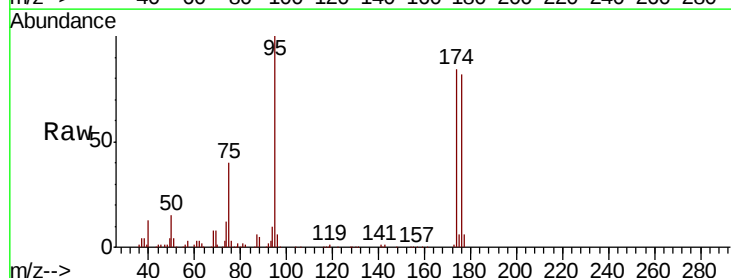
Tgt Ion: 95 Resp: 151121

Ion Ratio Lower Upper

95 100

174 83.6 0.0 149.4

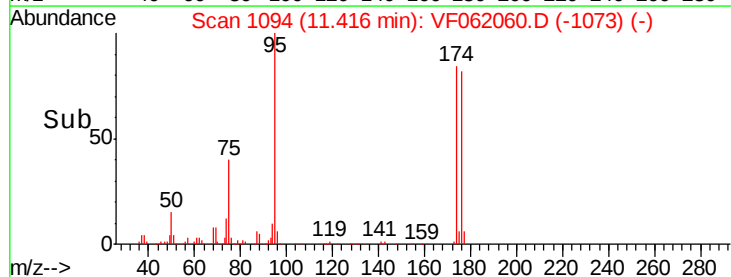
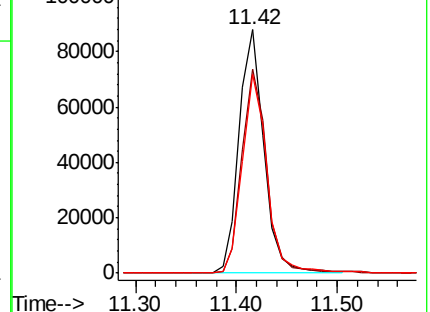
176 81.9 0.0 143.4

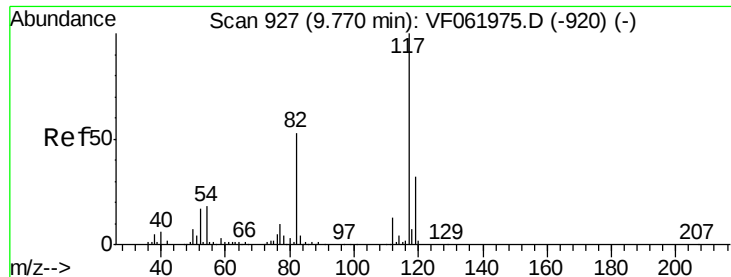


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

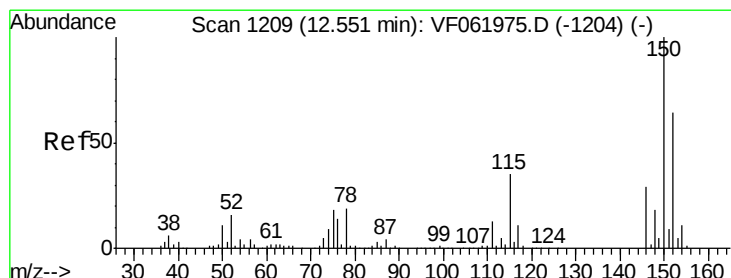
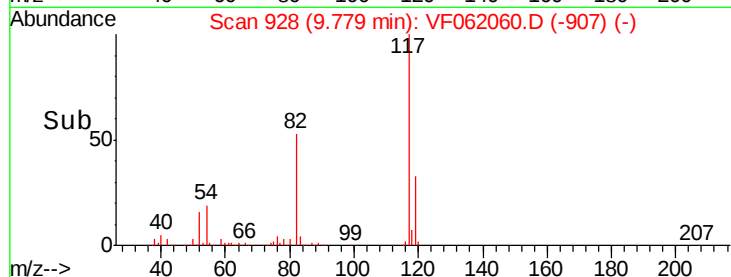
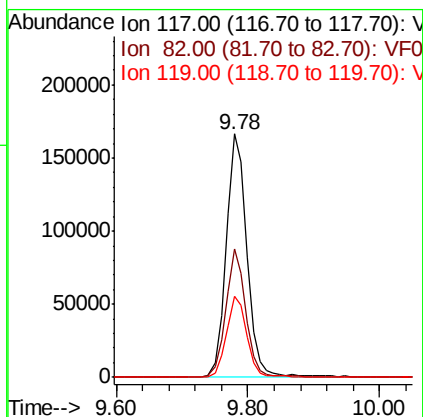
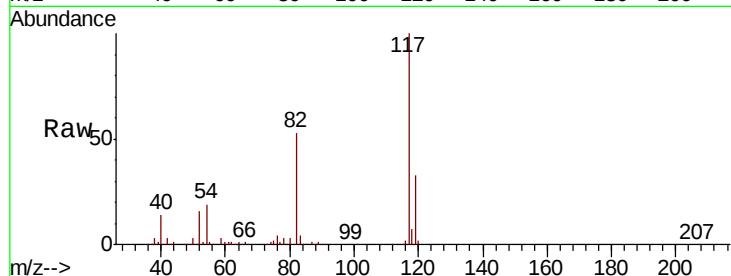




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.01 min
Lab File: VF062060.D
Acq: 21 Mar 2019 14:59

Instrument :
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ClientSampleId :
JC-02-031919-B

Tgt Ion:117 Resp: 368771
Ion Ratio Lower Upper
117 100
82 52.6 42.5 63.7
119 33.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.00 min
Lab File: VF062060.D
Acq: 21 Mar 2019 14:59

Tgt Ion:152 Resp: 192041
Ion Ratio Lower Upper
152 100
115 56.3 27.3 81.9
150 150.7 0.0 316.2

