

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF032119\
 Data File : VF062061.D
 Acq On : 21 Mar 2019 15:28
 Operator : VA/AP
 Sample : K1688-27RE
 Misc : 7.33g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Mar 22 08:08:10 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

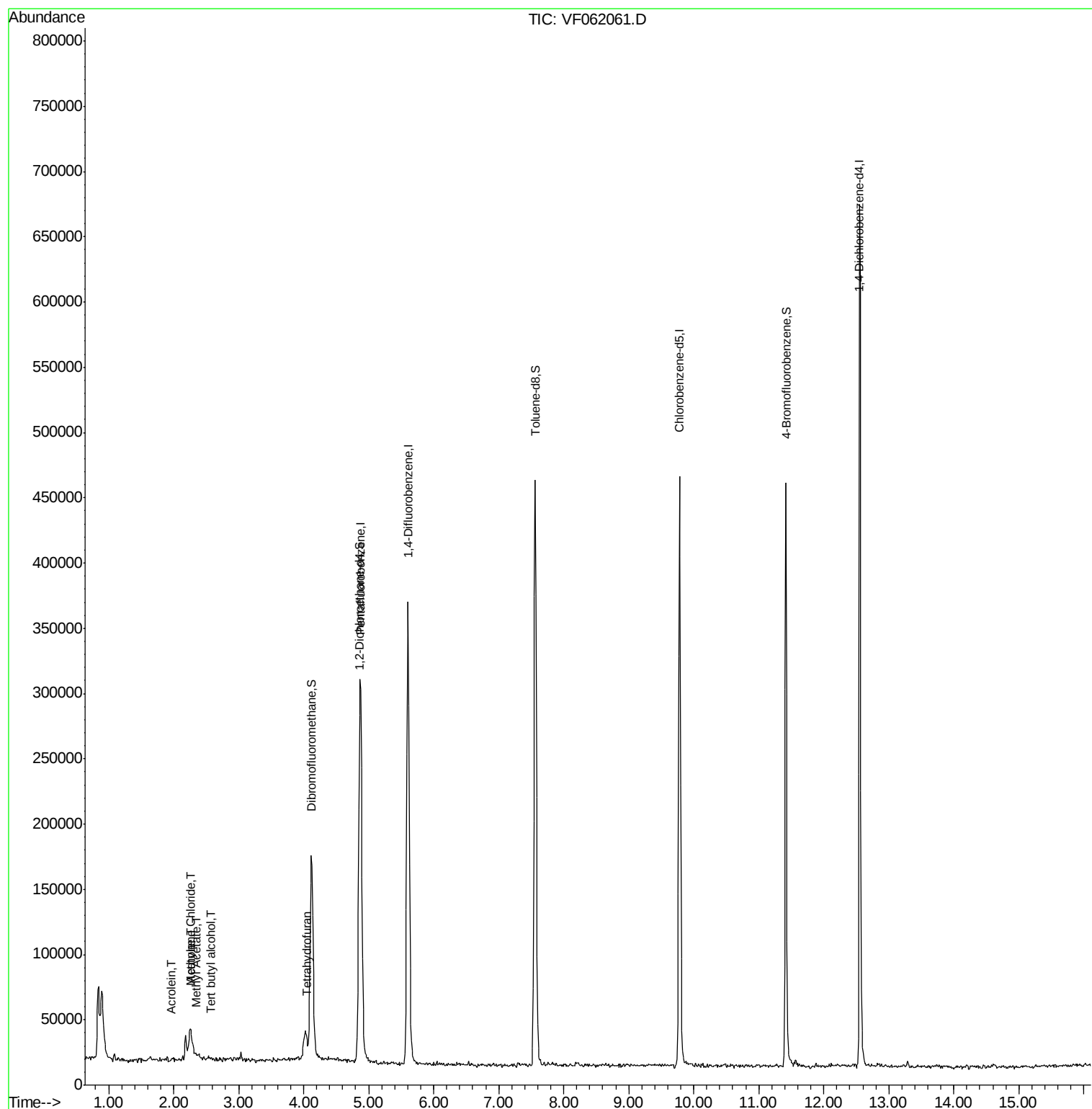
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	275138	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	459547	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	365391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	195900	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	109340	55.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.42%	
35) Dibromofluoromethane	4.12	113	157889	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
50) Toluene-d8	7.56	98	404630	44.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.70%	
62) 4-Bromofluorobenzene	11.42	95	169616	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.57	59	1210	9.984	ug/l #	17
13) Acrolein	1.97	56	269	2.056	ug/l	100
16) Acetone	2.25	43	24317	54.677	ug/l	96
18) Methyl Acetate	2.34	43	3458	3.431	ug/l #	71
20) Methylene Chloride	2.27	84	13918	5.998	ug/l	82
29) Tetrahydrofuran	4.06	42	618	1.613	ug/l #	42

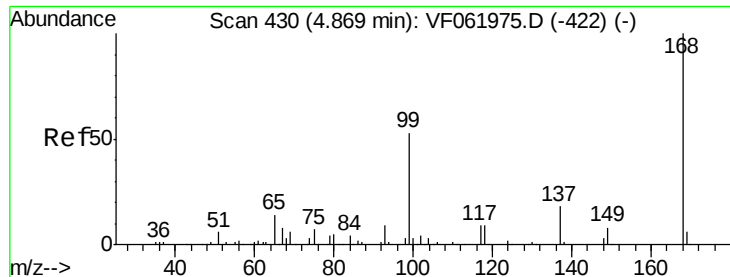
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF032119\
Data File : VF062061.D
Acq On : 21 Mar 2019 15:28
Operator : VA/AP
Sample : K1688-27RE
Misc : 7.33g/5mL/MSVOA-F/SOIL
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Mar 22 08:08:10 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
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: VF062061.D

Acq: 21 Mar 2019 15:28

Instrument :

MSVOA_F

ClientSampleId :

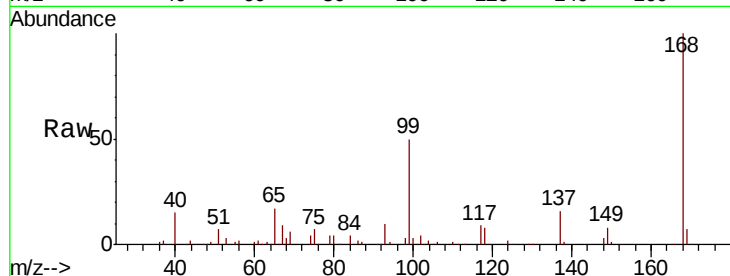
JC-02-031919-D

Tgt Ion:168 Resp: 275138

Ion Ratio Lower Upper

168 100

99 50.5 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

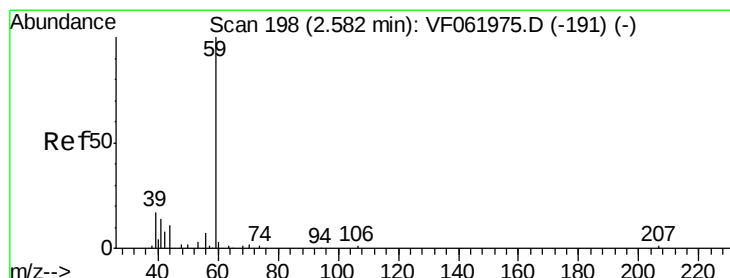
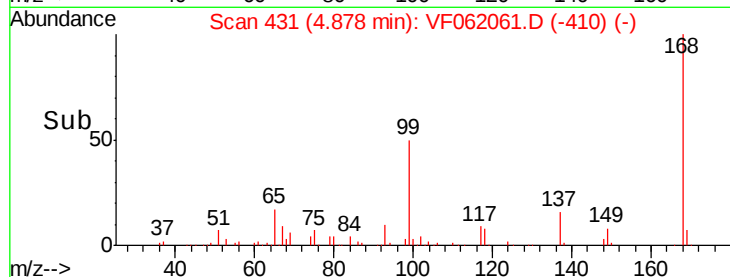
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#11

Tert butyl alcohol

Concen: 9.984 ug/l

RT: 2.57 min Scan# 197

Delta R.T. -0.01 min

Lab File: VF062061.D

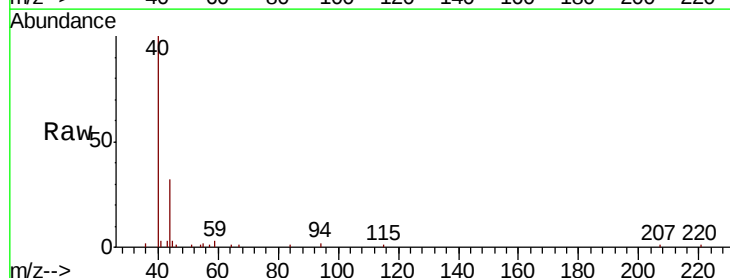
Acq: 21 Mar 2019 15:28

Tgt Ion: 59 Resp: 1210

Ion Ratio Lower Upper

59 100

57 42.3 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0

2.57

400

300

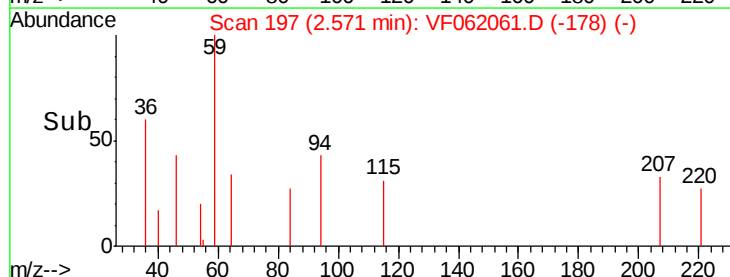
200

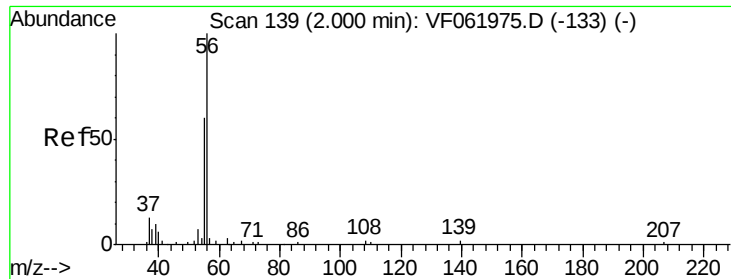
100

0

Time-->

2.50 2.55 2.60 2.65

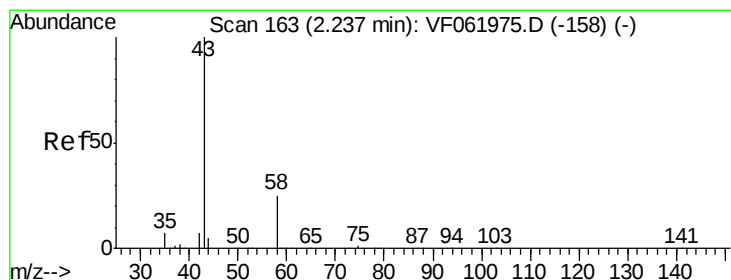
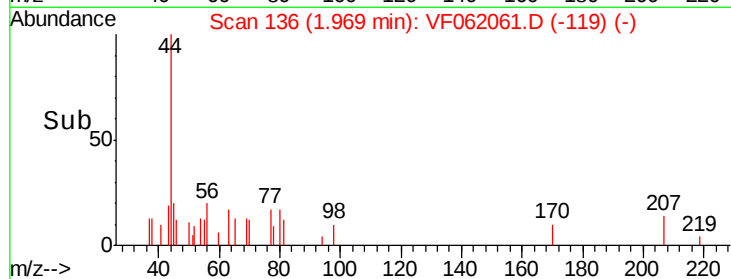
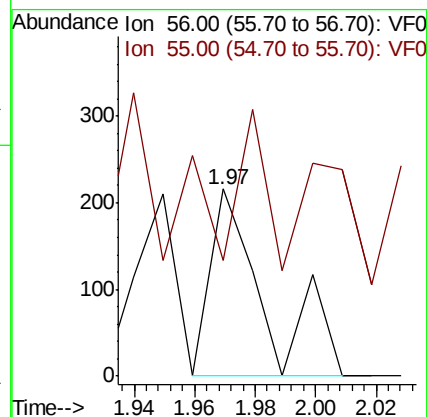
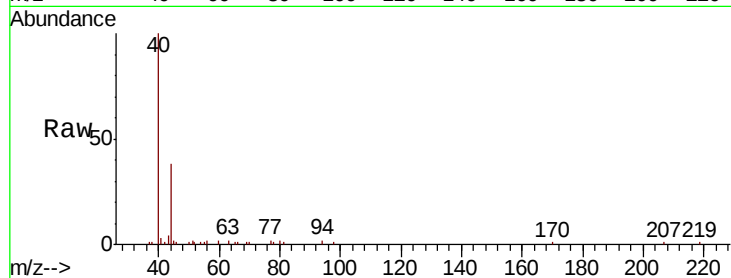




#13
Acrolein
Concen: 2.056 ug/l
RT: 1.97 min Scan# 136
Delta R.T. -0.03 min
Lab File: VF062061.D
Acq: 21 Mar 2019 15:28

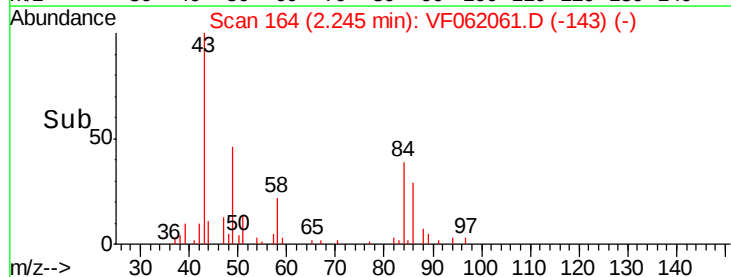
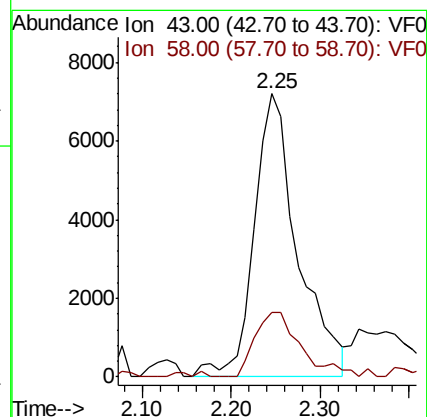
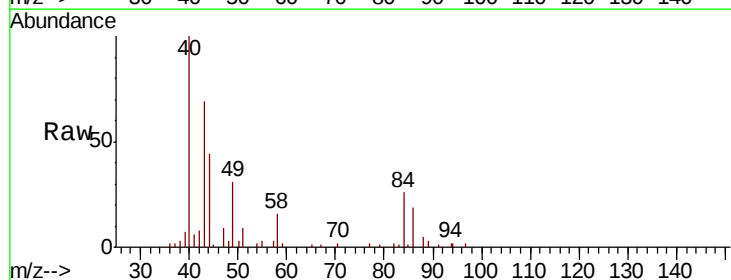
Instrument :
MSVOA_F
ClientSampleId :
JC-02-031919-D

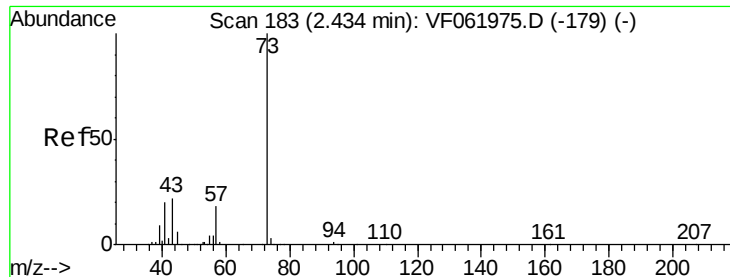
Tgt Ion: 56 Resp: 269
Ion Ratio Lower Upper
56 100
55 61.6 49.1 73.7



#16
Acetone
Concen: 54.677 ug/l
RT: 2.25 min Scan# 164
Delta R.T. 0.01 min
Lab File: VF062061.D
Acq: 21 Mar 2019 15:28

Tgt Ion: 43 Resp: 24317
Ion Ratio Lower Upper
43 100
58 23.0 19.9 29.9

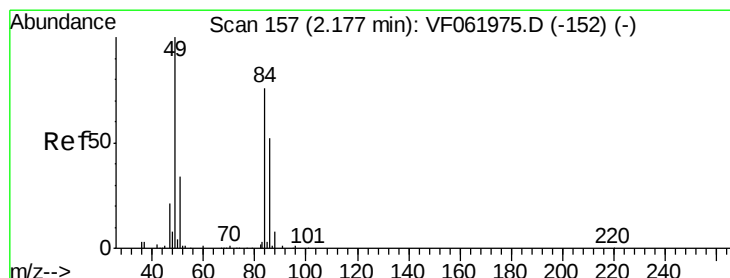
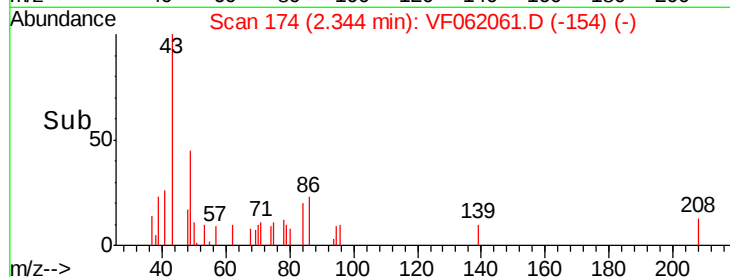
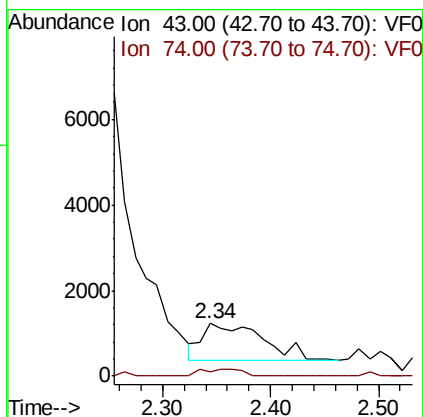
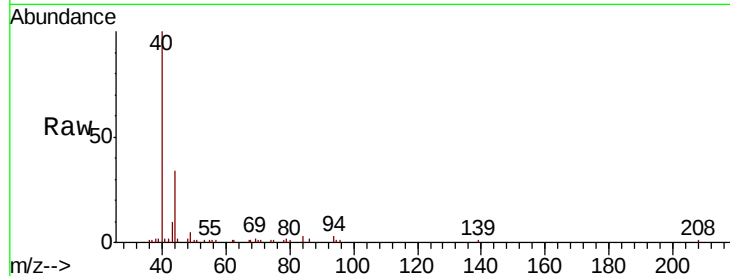




#18
Methyl Acetate
Concen: 3.431 ug/l
RT: 2.34 min Scan# 174
Delta R.T. -0.00 min
Lab File: VF062061.D
Acq: 21 Mar 2019 15:28

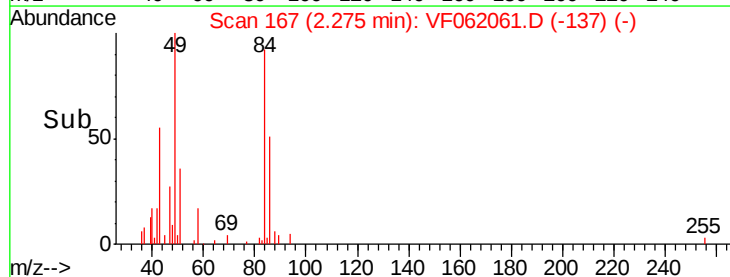
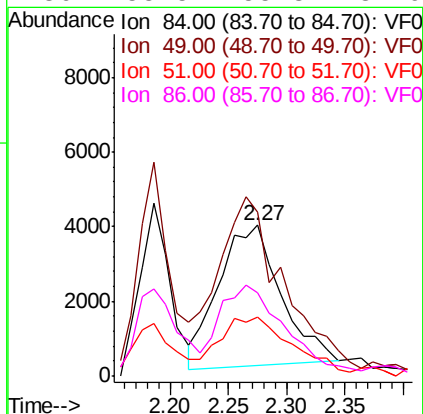
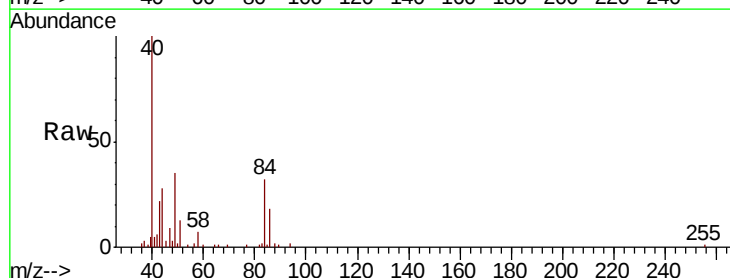
Instrument :
MSVOA_F
ClientSampleId :
JC-02-031919-D

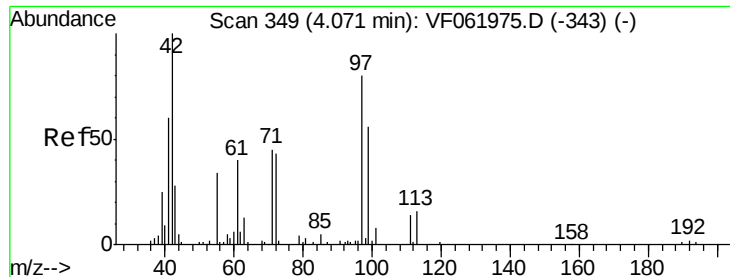
Tgt Ion: 43 Resp: 3458
Ion Ratio Lower Upper
43 100
74 8.8 18.3 27.5#



#20
Methylene Chloride
Concen: 5.998 ug/l
RT: 2.27 min Scan# 167
Delta R.T. 0.10 min
Lab File: VF062061.D
Acq: 21 Mar 2019 15:28

Tgt Ion: 84 Resp: 13918
Ion Ratio Lower Upper
84 100
49 108.9 107.0 160.6
51 38.8 37.2 55.8
86 55.5 55.3 82.9





#29

Tetrahydrofuran

Concen: 1.613 ug/l

RT: 4.06 min Scan# 348

Delta R.T. -0.01 min

Lab File: VF062061.D

Acq: 21 Mar 2019 15:28

Instrument :

MSVOA_F

ClientSampleId :

JC-02-031919-D

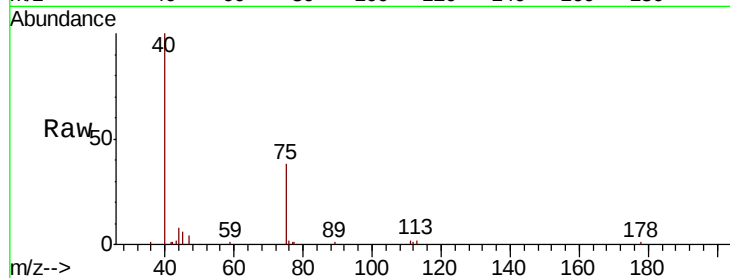
Tgt Ion: 42 Resp: 618

Ion Ratio Lower Upper

42 100

72 11.0 34.0 51.0#

71 0.0 34.2 51.4#



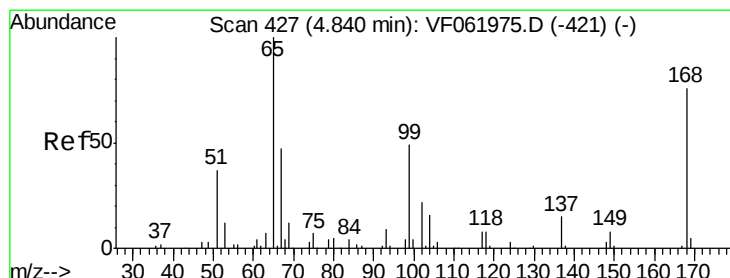
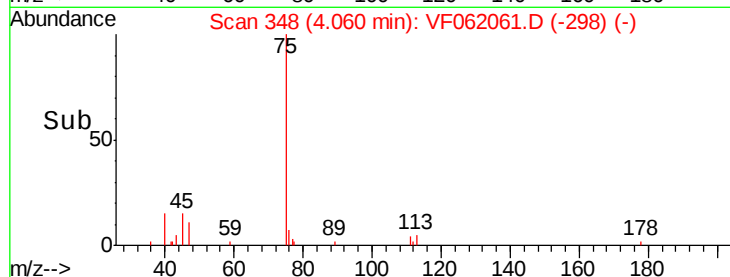
Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0

4.06

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.207 ug/l

RT: 4.85 min Scan# 428

Delta R.T. 0.01 min

Lab File: VF062061.D

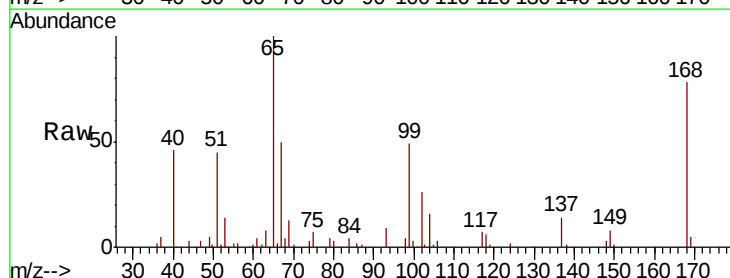
Acq: 21 Mar 2019 15:28

Tgt Ion: 65 Resp: 109340

Ion Ratio Lower Upper

65 100

67 49.8 0.0 109.4

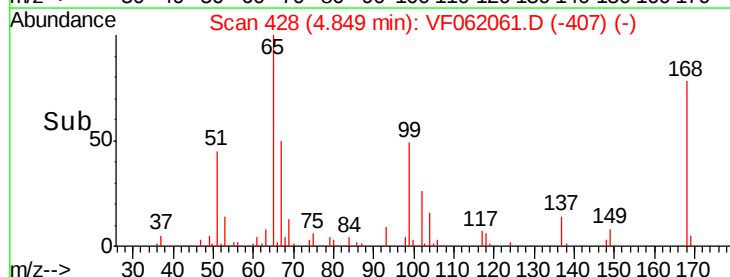


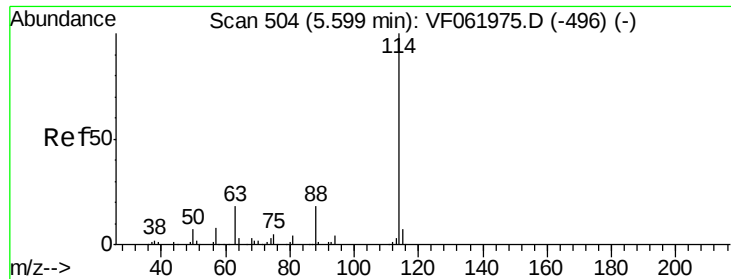
Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.85

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 505

Delta R.T. 0.01 min

Lab File: VF062061.D

Acq: 21 Mar 2019 15:28

Instrument :

MSVOA_F

ClientSampleId :

JC-02-031919-D

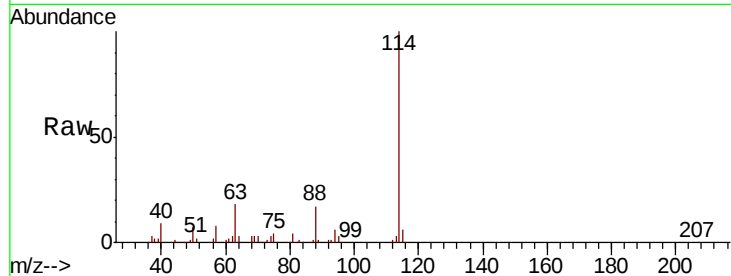
Tgt Ion:114 Resp: 459547

Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.4

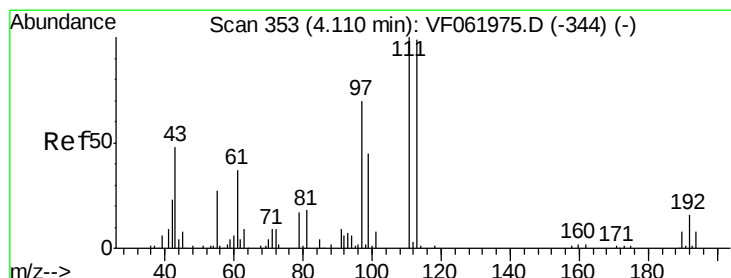
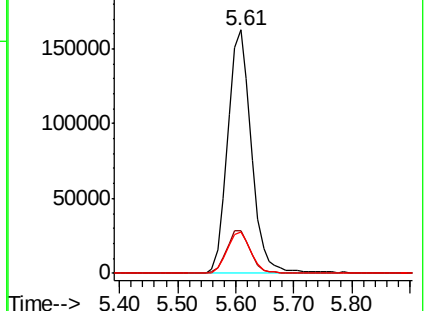
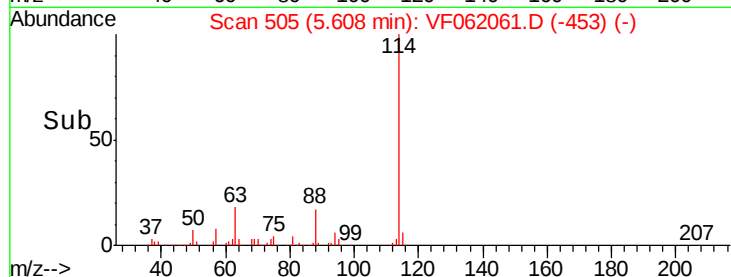
88 17.2 0.0 36.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 51.164 ug/l

RT: 4.12 min Scan# 354

Delta R.T. 0.01 min

Lab File: VF062061.D

Acq: 21 Mar 2019 15:28

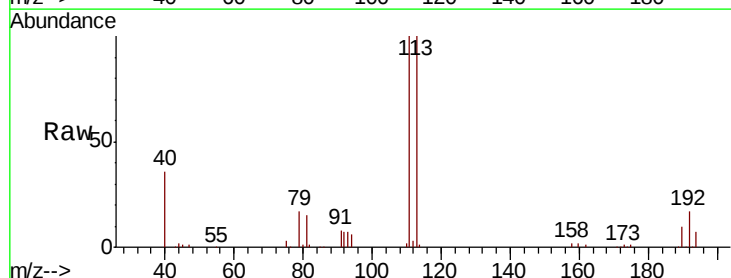
Tgt Ion:113 Resp: 157889

Ion Ratio Lower Upper

113 100

111 100.5 80.8 121.2

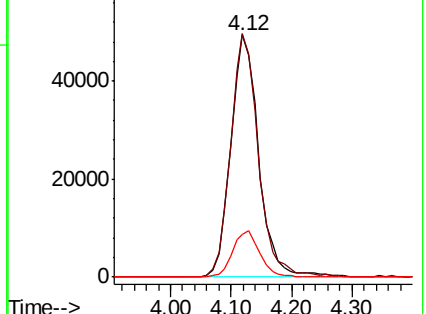
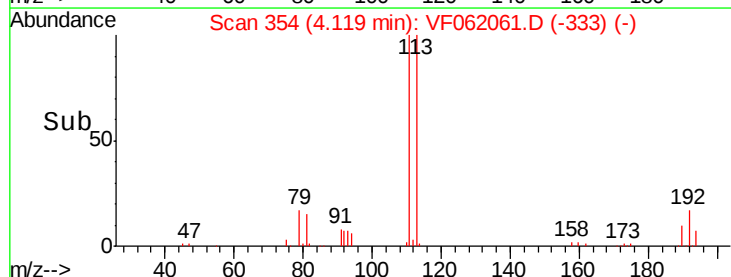
192 17.5 13.0 19.6

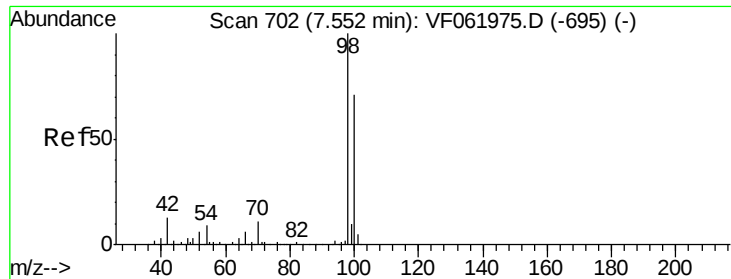


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

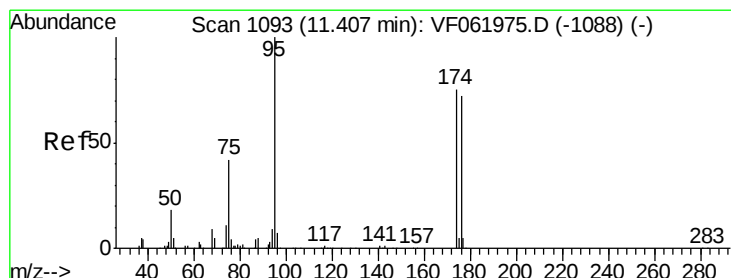
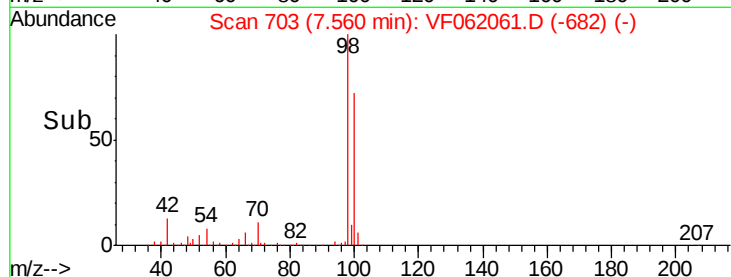
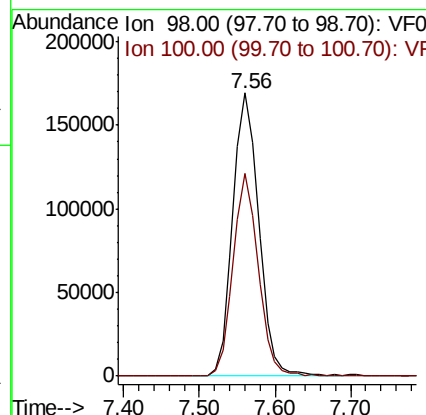
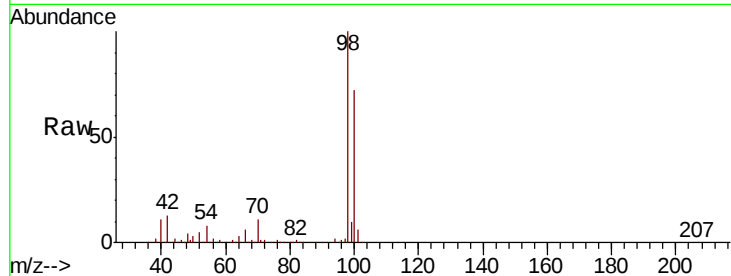




#50
Toluene-d8
Concen: 44.854 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.01 min
Lab File: VF062061.D
Acq: 21 Mar 2019 15:28

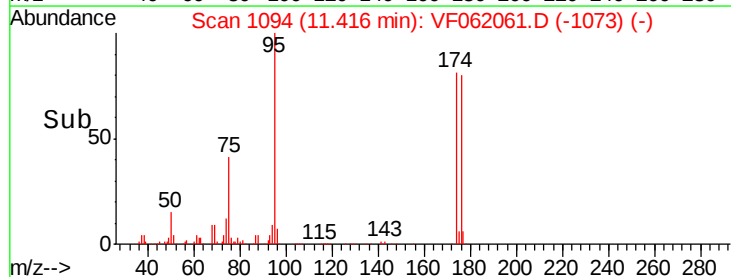
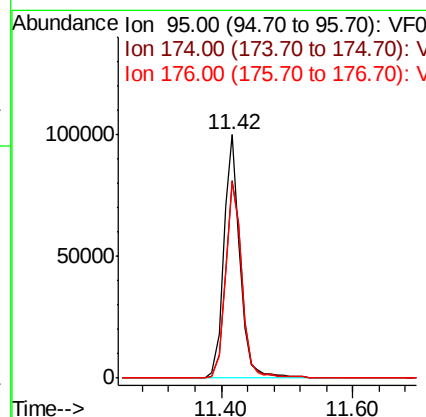
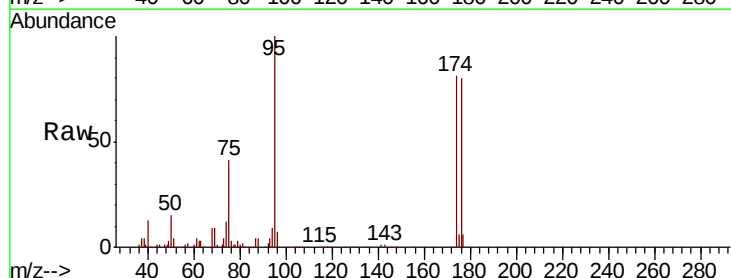
Instrument :
MSVOA_F
ClientSampleId :
JC-02-031919-D

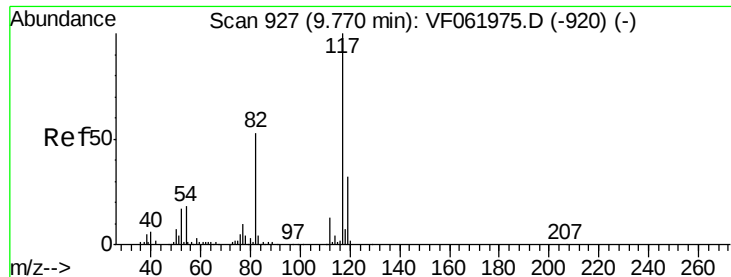
Tgt Ion: 98 Resp: 404630
Ion Ratio Lower Upper
98 100
100 71.6 56.8 85.2



#62
4-Bromofluorobenzene
Concen: 47.329 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VF062061.D
Acq: 21 Mar 2019 15:28

Tgt Ion: 95 Resp: 169616
Ion Ratio Lower Upper
95 100
174 81.3 0.0 149.4
176 80.4 0.0 143.4

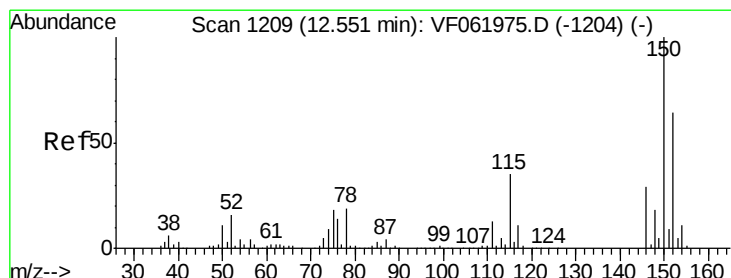
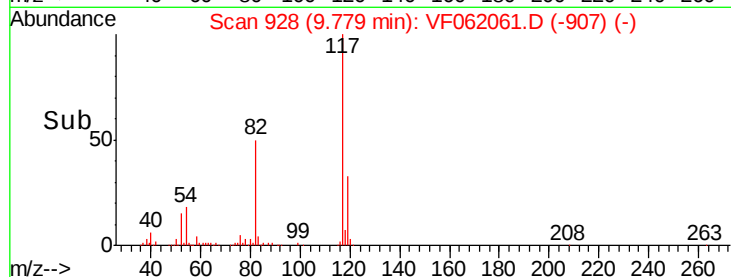
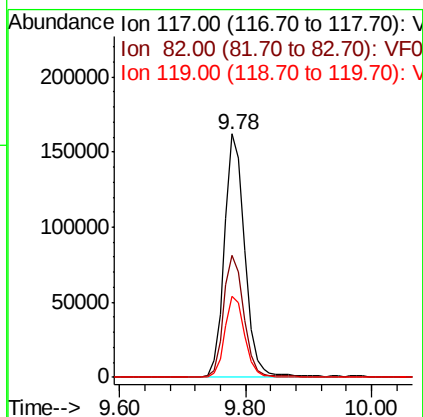
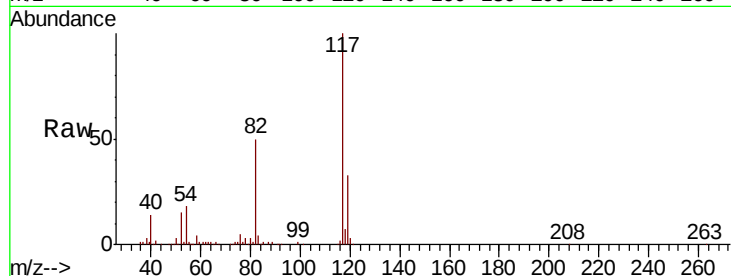




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.01 min
Lab File: VF062061.D
Acq: 21 Mar 2019 15:28

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

Tgt Ion:117 Resp: 365391
Ion Ratio Lower Upper
117 100
82 50.1 42.5 63.7
119 33.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.01 min
Lab File: VF062061.D
Acq: 21 Mar 2019 15:28

Tgt Ion:152 Resp: 195900
Ion Ratio Lower Upper
152 100
115 48.5 27.3 81.9
150 153.3 0.0 316.2

