

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031919\
 Data File : VF062026.D
 Acq On : 19 Mar 2019 19:18
 Operator : VA/AP
 Sample : K1687-11
 Misc : 5.97g/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Mar 20 05:22:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 18 07:28:40 2019
 Response via : Initial Calibration

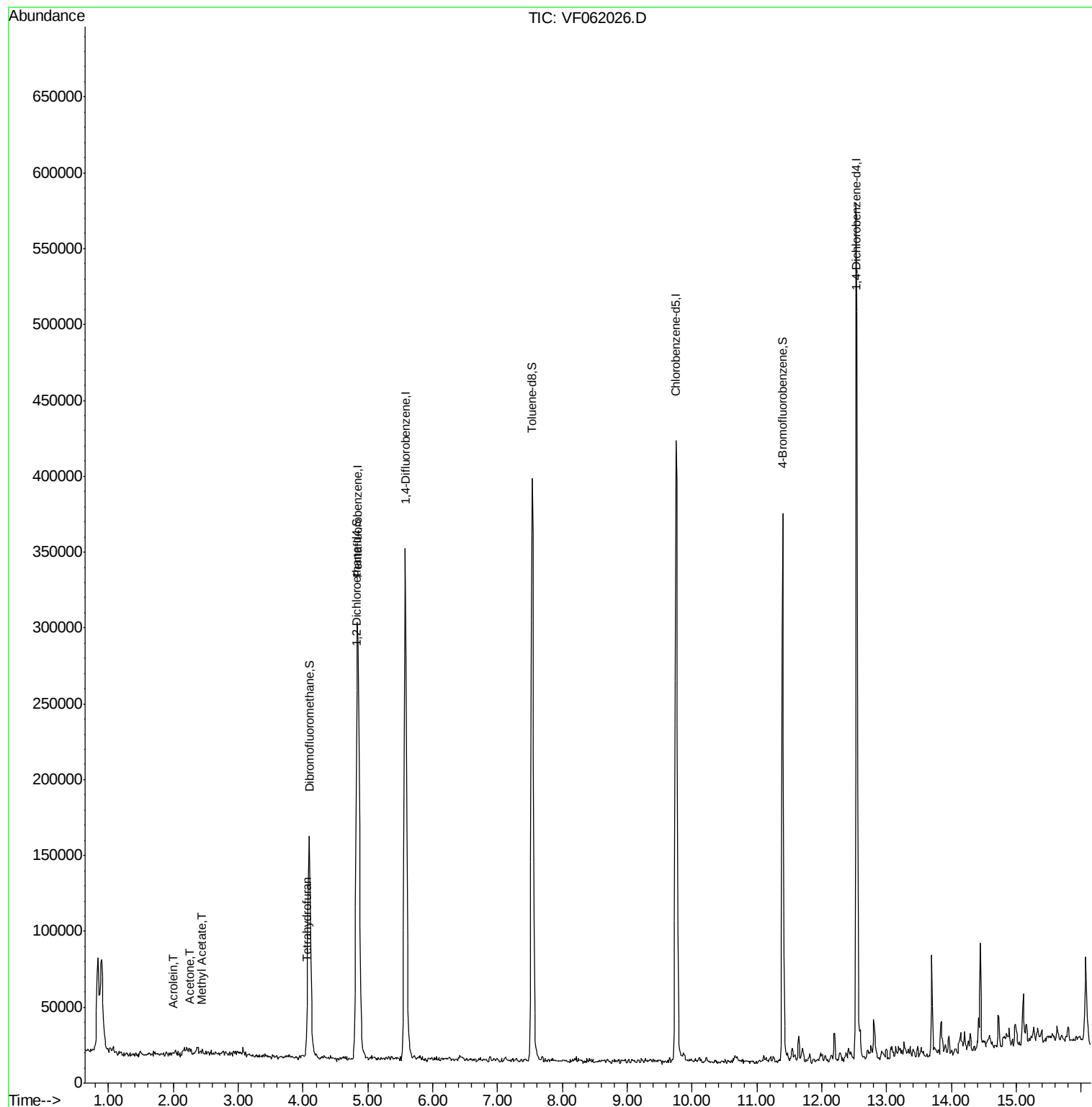
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	265563	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	418648	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.75	117	329826	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.53	152	162960	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	103817	54.31	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	108.62%	
35) Dibromofluoromethane	4.10	113	150629	53.58	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	107.16%	
50) Toluene-d8	7.53	98	353255	42.98	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	85.96%	
62) 4-Bromofluorobenzene	11.40	95	139590	42.76	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	85.52%	
Target Compounds						
					Qvalue	
13) Acrolein	1.98	56	129	1.022	ug/l #	20
16) Acetone	2.24	43	2418	5.633	ug/l	98
18) Methyl Acetate	2.43	43	1027	1.169	ug/l #	63
29) Tetrahydrofuran	4.05	42	386	1.044	ug/l #	33

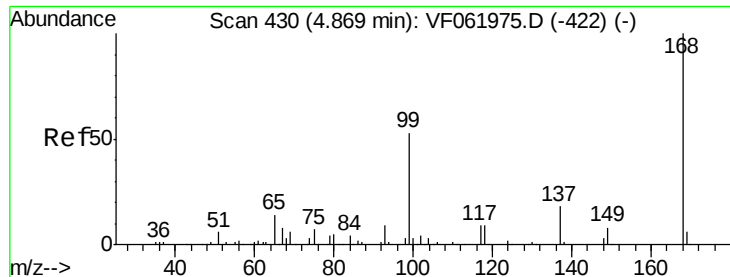
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF031919\
Data File : VF062026.D
Acq On : 19 Mar 2019 19:18
Operator : VA/AP
Sample : K1687-11
Misc : 5.97g/5mL/MSVOA-F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Mar 20 05:22:54 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 18 07:28:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.02 min

Lab File: VF062026.D

Acq: 19 Mar 2019 19:18

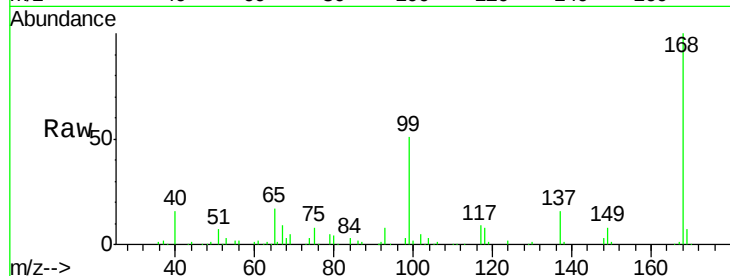
Instrument :
MSVOA_F
ClientSampled :

Tot Ion:168 Resp: 265563

Ion Ratio Lower Upper

168 100

99 51.2 42.4 63.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

80000

60000

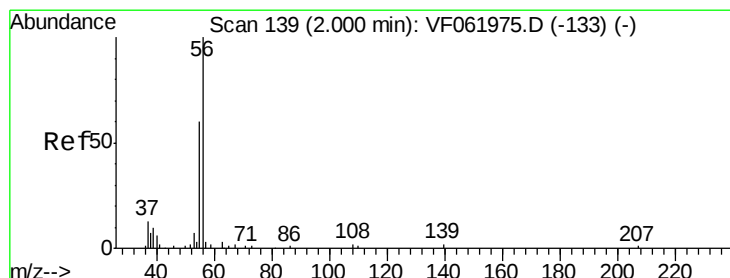
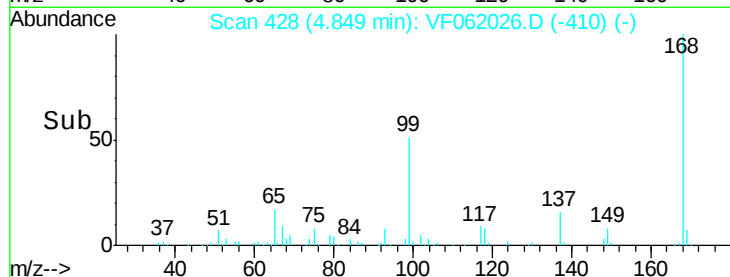
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#13

Acrolein

Concen: 1.022 ug/l

RT: 1.98 min Scan# 137

Delta R.T. -0.02 min

Lab File: VF062026.D

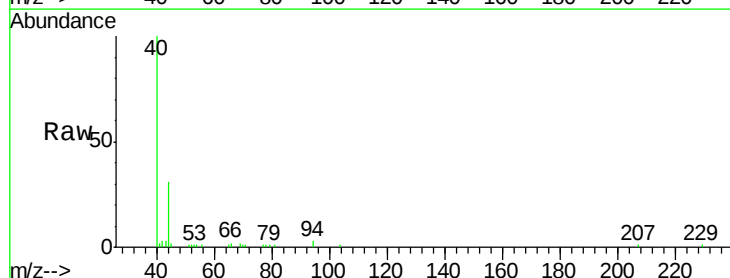
Acq: 19 Mar 2019 19:18

Tgt Ion: 56 Resp: 129

Ion Ratio Lower Upper

56 100

55 0.0 49.1 73.7#



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

300

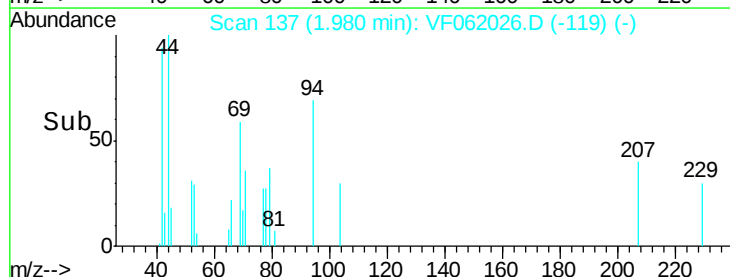
200

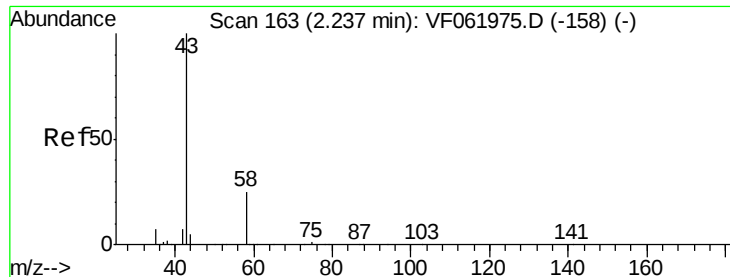
100

0

Time-->

1.96 1.98 2.00





#16

Acetone

Concen: 5.633 ug/l

RT: 2.24 min Scan# 163

Delta R.T. -0.00 min

Lab File: VF062026.D

Acq: 19 Mar 2019 19:18

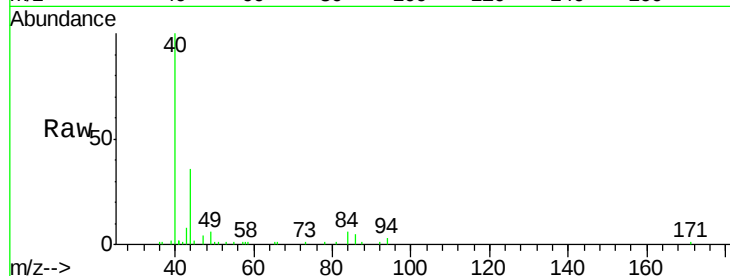
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 43 Resp: 2418

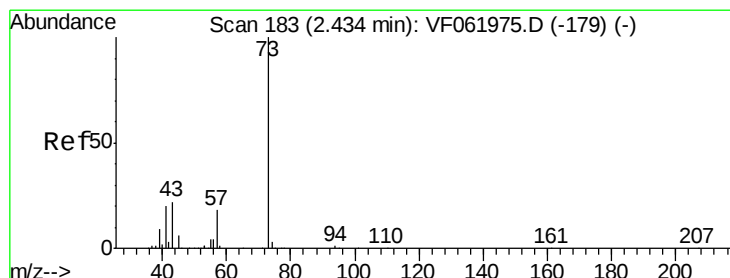
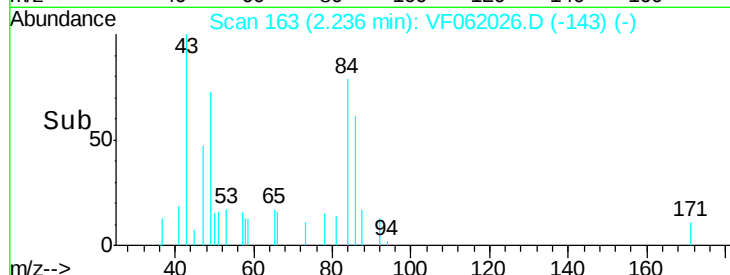
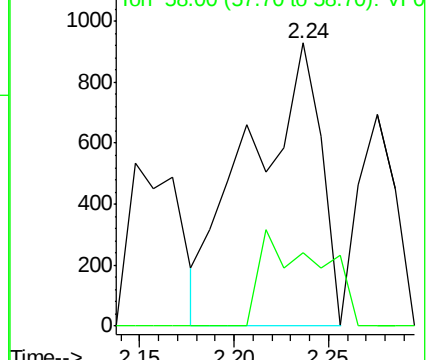
Ion Ratio Lower Upper

43 100

58 25.9 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 58.00 (57.70 to 58.70): VF0



#18

Methyl Acetate

Concen: 1.169 ug/l

RT: 2.43 min Scan# 183

Delta R.T. -0.00 min

Lab File: VF062026.D

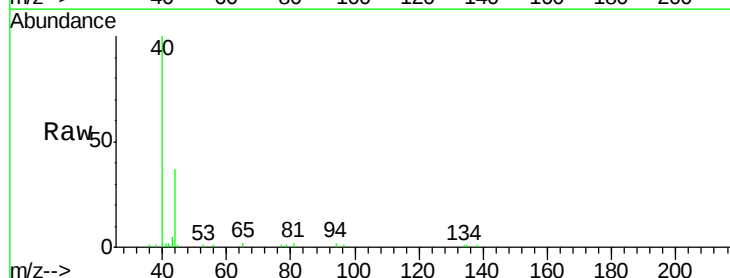
Acq: 19 Mar 2019 19:18

Tgt Ion: 43 Resp: 1027

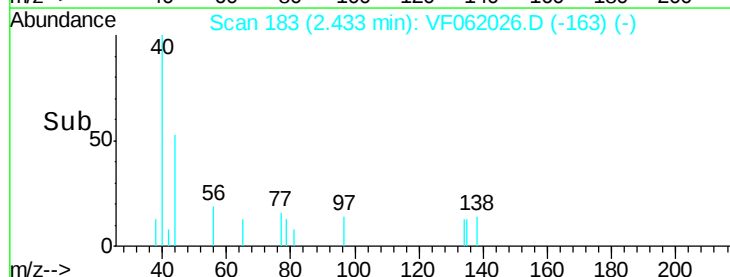
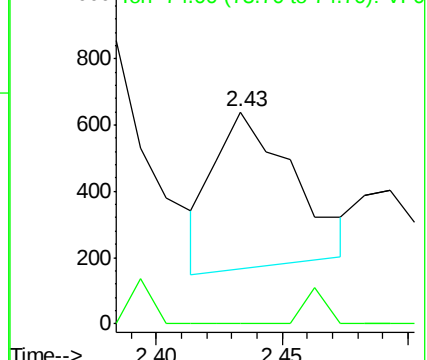
Ion Ratio Lower Upper

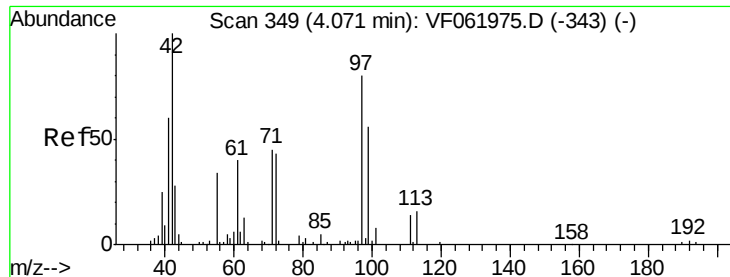
43 100

74 0.0 12.6 18.8#



Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 74.00 (73.70 to 74.70): VF0

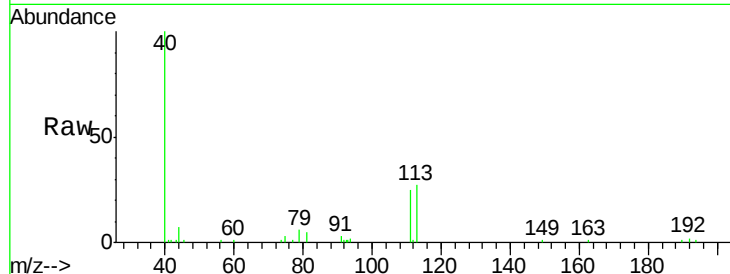




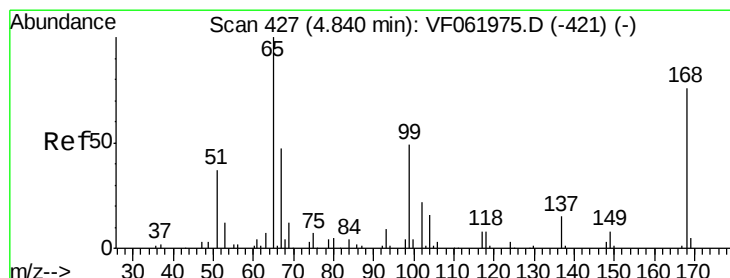
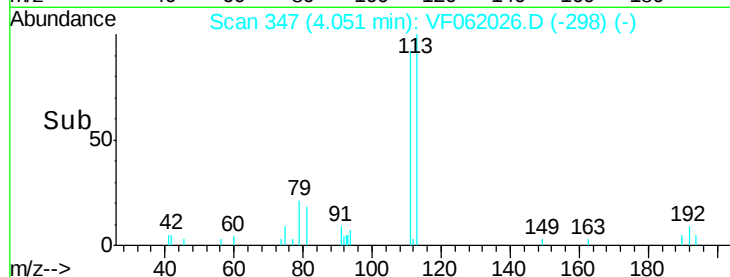
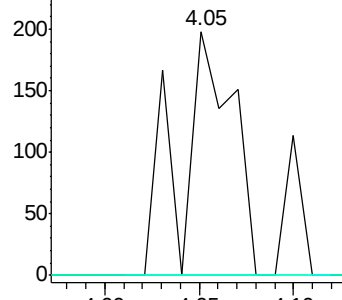
#29
Tetrahydrofuran
Concen: 1.044 ug/l
RT: 4.05 min Scan# 347
Delta R.T. -0.02 min
Lab File: VF062026.D
Acq: 19 Mar 2019 19:18

Instrument :
MSVOA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.0	51.0#
71	0.0	34.2	51.4#

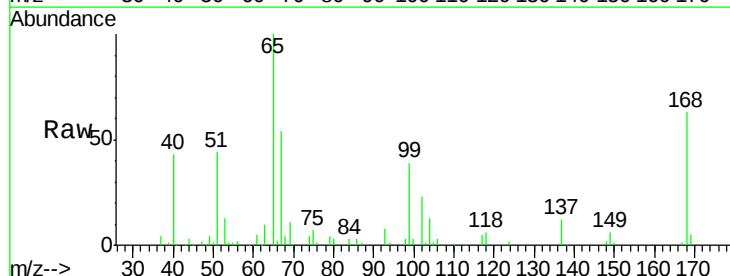


Abundance Ion 42.00 (41.70 to 42.70): VF0
Ion 72.00 (71.70 to 72.70): VF0
Ion 71.00 (70.70 to 71.70): VF0

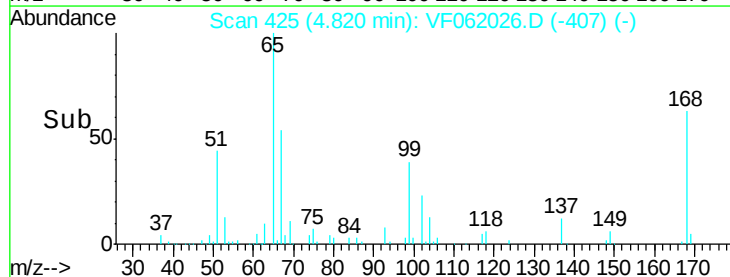
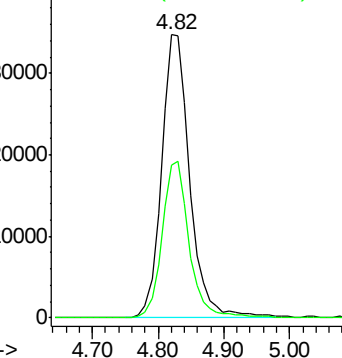


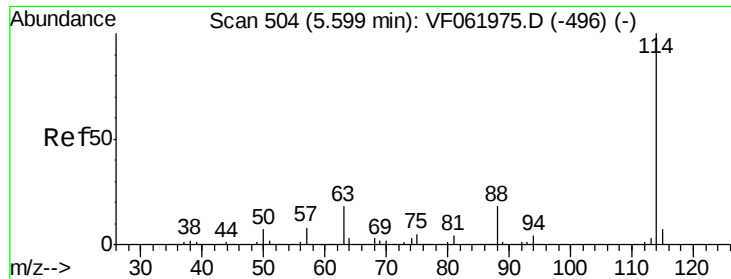
#33
1,2-Dichloroethane-d4
Concen: 54.308 ug/l
RT: 4.82 min Scan# 425
Delta R.T. -0.02 min
Lab File: VF062026.D
Acq: 19 Mar 2019 19:18

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	109.4



Abundance Ion 65.00 (64.70 to 65.70): VF0
Ion 67.00 (66.70 to 67.70): VF0

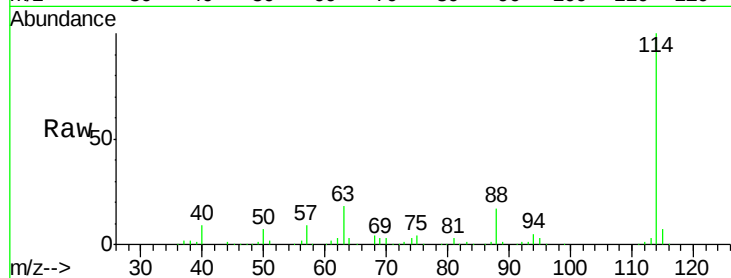




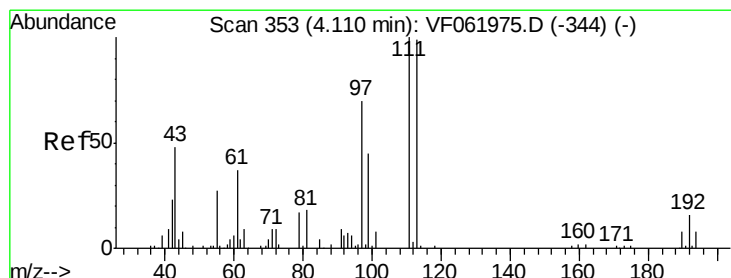
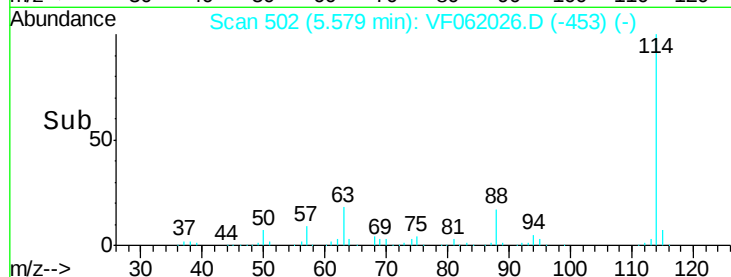
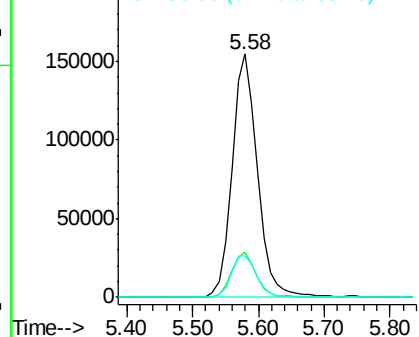
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.58 min Scan# 502
 Delta R.T. -0.02 min
 Lab File: VF062026.D
 Acq: 19 Mar 2019 19:18

Instrument :
 MSVOA_F
 ClientSampleId :

Tot Ion:114 Resp: 418648
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.4
 88 17.0 0.0 36.4

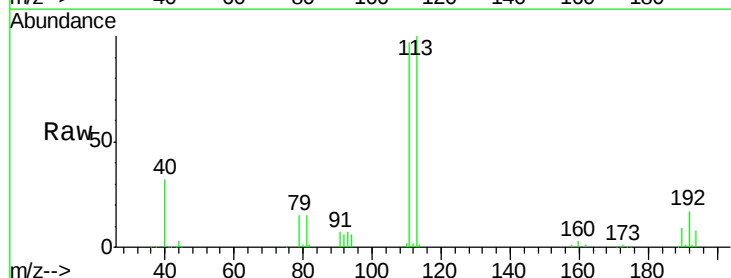


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

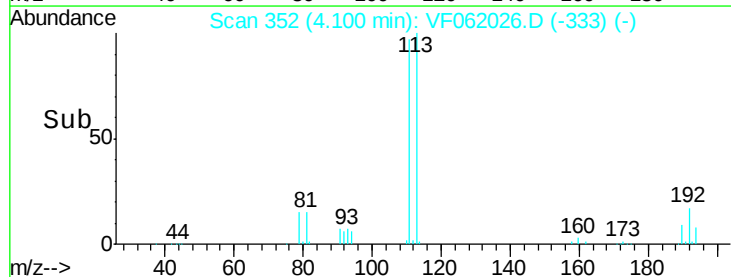
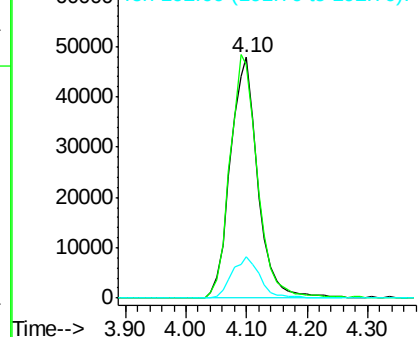


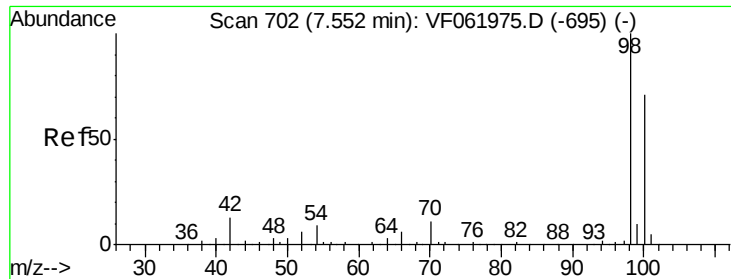
#35
 Dibromofluoromethane
 Concen: 53.580 ug/l
 RT: 4.10 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VF062026.D
 Acq: 19 Mar 2019 19:18

Tgt Ion:113 Resp: 150629
 Ion Ratio Lower Upper
 113 100
 111 96.6 80.8 121.2
 192 17.9 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: 42.984 ug/l

RT: 7.53 min Scan# 700

Delta R.T. -0.02 min

Lab File: VF062026.D

Acq: 19 Mar 2019 19:18

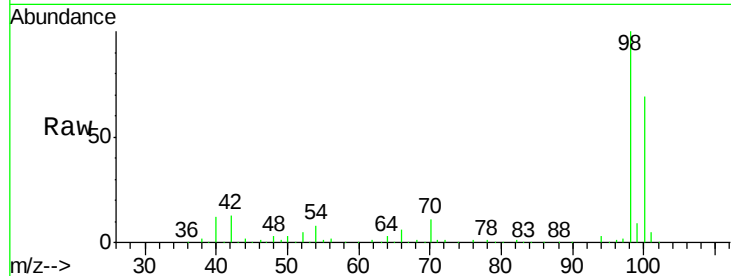
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 98 Resp: 353255

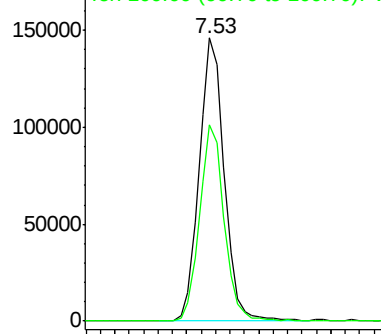
Ion Ratio Lower Upper

98 100

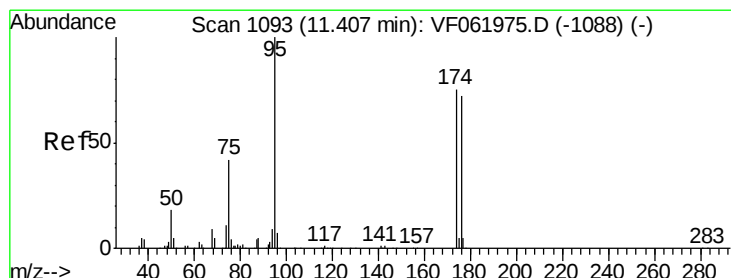
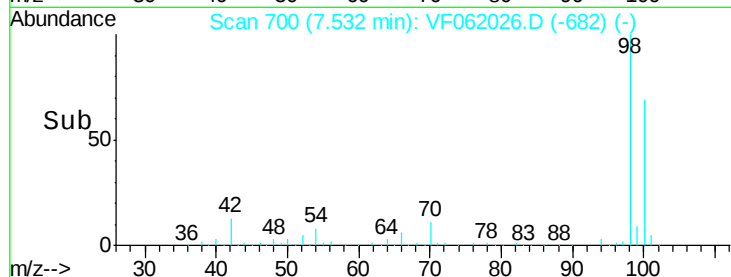
100 69.2 56.8 85.2



Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF



Time-->



#62

4-Bromofluorobenzene

Concen: 42.756 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VF062026.D

Acq: 19 Mar 2019 19:18

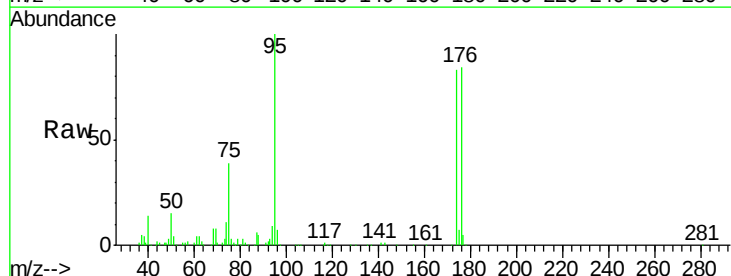
Tgt Ion: 95 Resp: 139590

Ion Ratio Lower Upper

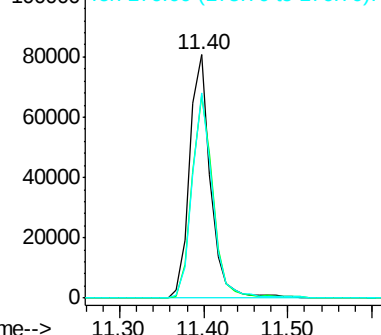
95 100

174 83.2 0.0 149.4

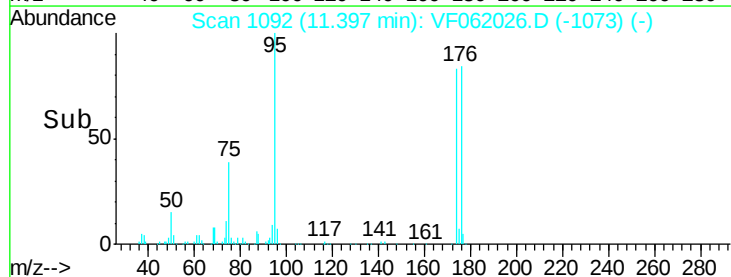
176 84.4 0.0 143.4

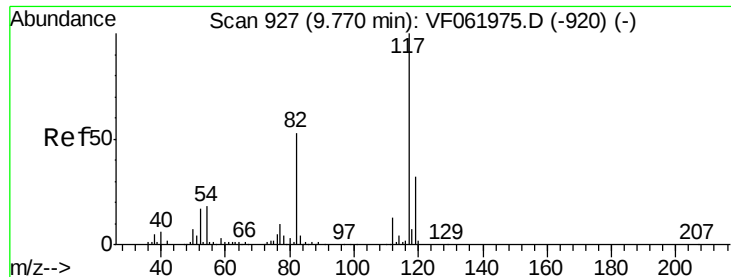


Abundance Ion 95.00 (94.70 to 95.70): VF0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V



Time-->

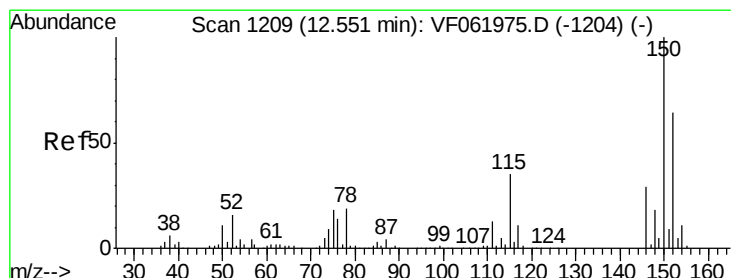
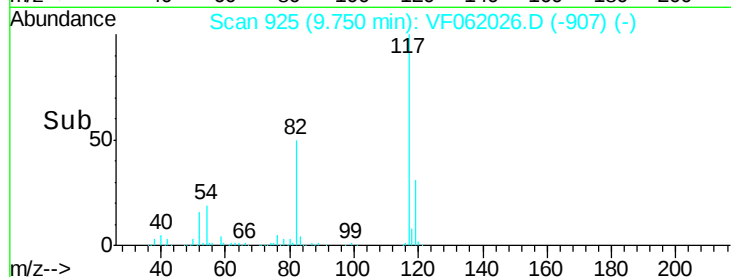
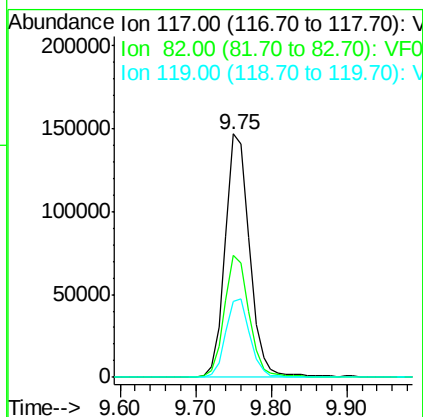
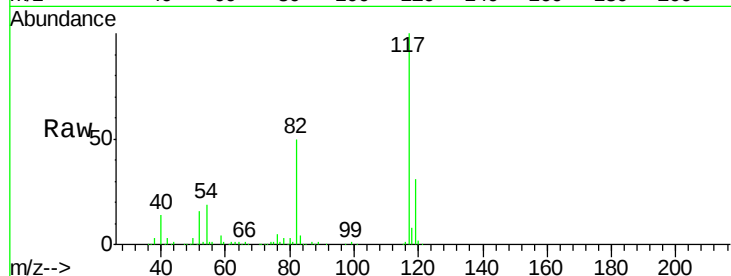




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.02 min
Lab File: VF062026.D
Acq: 19 Mar 2019 19:18

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:117 Resp: 329826
Ion Ratio Lower Upper
117 100
82 50.1 42.5 63.7
119 31.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.53 min Scan# 1207
Delta R.T. -0.02 min
Lab File: VF062026.D
Acq: 19 Mar 2019 19:18

Tgt Ion:152 Resp: 162960
Ion Ratio Lower Upper
152 100
115 61.4 27.3 81.9
150 157.1 0.0 316.2

