

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031119\
 Data File : VF061902.D
 Acq On : 11 Mar 2019 21:16
 Operator : VA/AP
 Sample : K1846-11
 Misc : 5.03g/5mL/MSVOA-F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-1-D

Quant Time: Mar 12 05:14:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 2019
 Response via : Initial Calibration

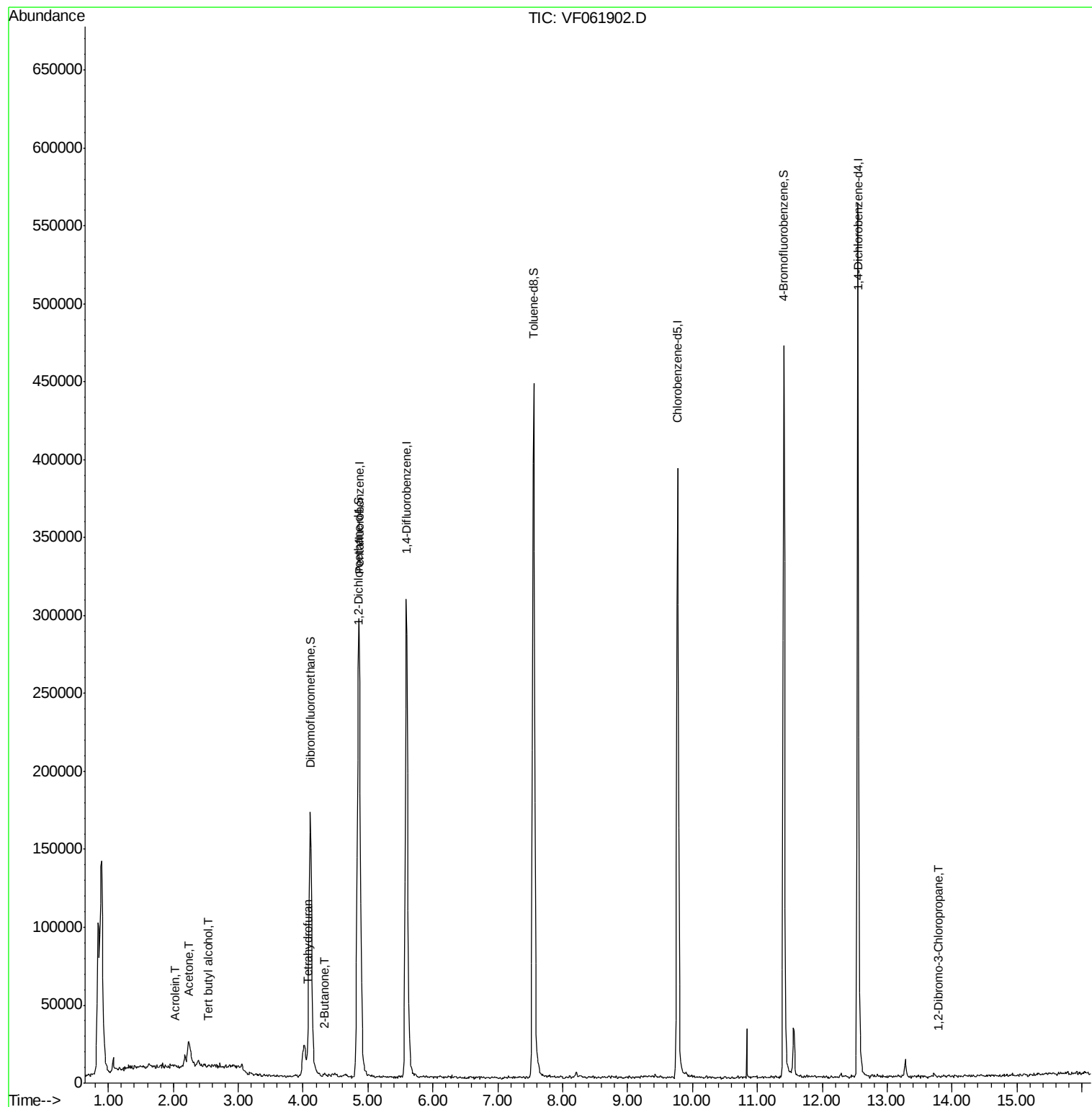
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	247264	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	386343	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.77	117	304589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	168024	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	121653	67.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	135.12%	
35) Dibromofluoromethane	4.11	113	171482	63.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.20%	
50) Toluene-d8	7.55	98	405908	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
62) 4-Bromofluorobenzene	11.41	95	175382	55.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.74%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.55	59	267	2.612	ug/l #	64
13) Acrolein	2.01	56	887	6.849	ug/l	93
16) Acetone	2.24	43	24515	64.993	ug/l	100
18) Methyl Acetate	2.39	43	1357	Below Cal	#	62
20) Methylene Chloride	2.18	84	3527	Below Cal	#	78
25) 2-Butanone	4.33	43	3895	5.077	ug/l #	91
29) Tetrahydrofuran	4.06	42	1105	3.339	ug/l #	33
92) 1,2-Dibromo-3-Chloropropan	13.79	75	69	3.959	ug/l #	1

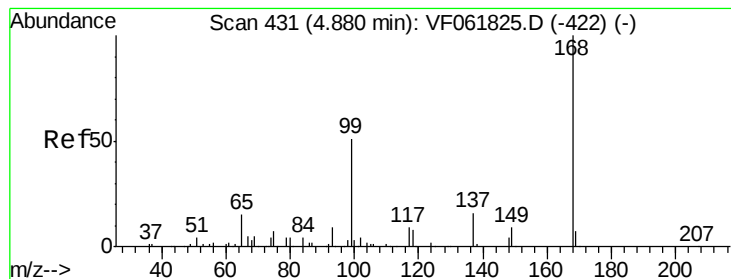
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF031119\
Data File : VF061902.D
Acq On : 11 Mar 2019 21:16
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TP-1-D

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Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.01 min

Lab File: VF061902.D

Acq: 11 Mar 2019 21:16

Instrument :

MSVOA_F

ClientSampleId :

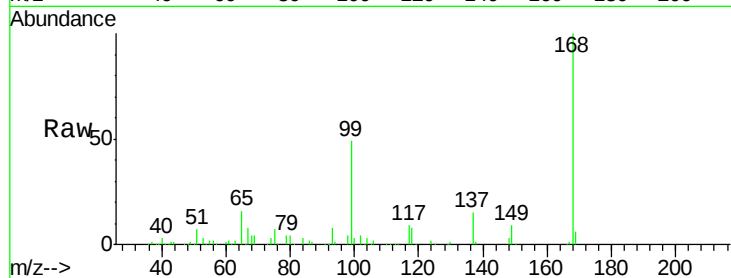
TP-1-D

Tot Ion:168 Resp: 247264

Ion Ratio Lower Upper

168 100

99 48.6 40.8 61.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

80000

60000

40000

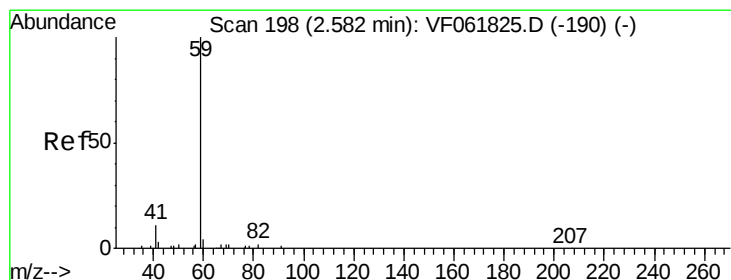
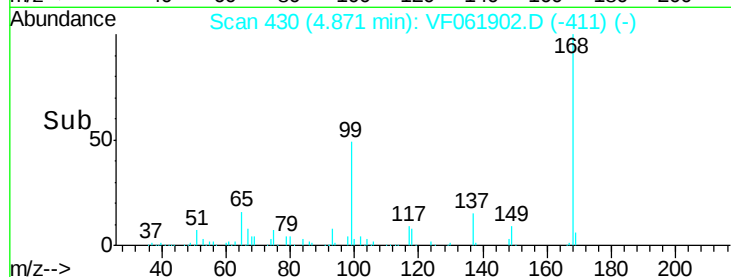
20000

0

4.87

4.70 4.80 4.90 5.00

Time-->



#11

Tert butyl alcohol

Concen: 2.612 ug/l

RT: 2.55 min Scan# 195

Delta R.T. -0.03 min

Lab File: VF061902.D

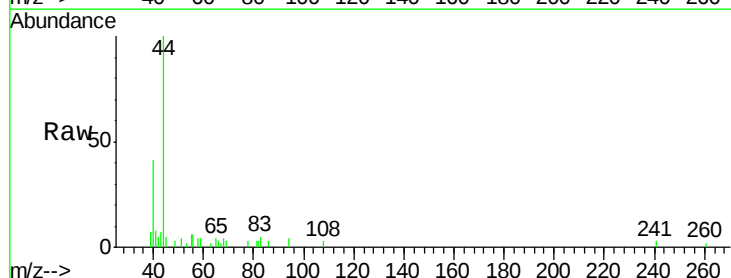
Acq: 11 Mar 2019 21:16

Tgt Ion: 59 Resp: 267

Ion Ratio Lower Upper

59 100

57 0.0 11.8 17.6#



Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0

250

200

150

100

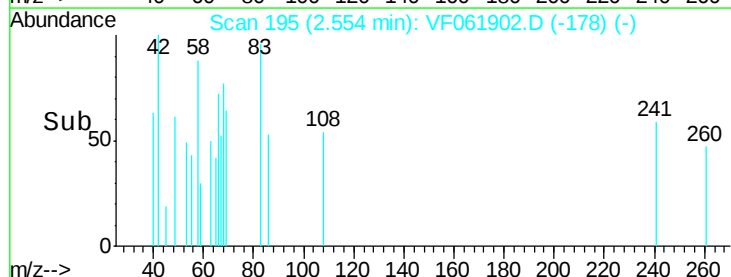
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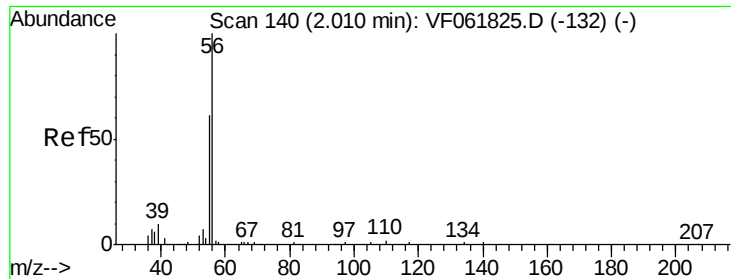
0

2.55

2.60

Time-->





#13

Acrolein

Concen: 6.849 ug/l

RT: 2.01 min Scan# 140

Delta R.T. 0.00 min

Lab File: VF061902.D

Acq: 11 Mar 2019 21:16

Instrument :

MSVOA_F

ClientSampleId :

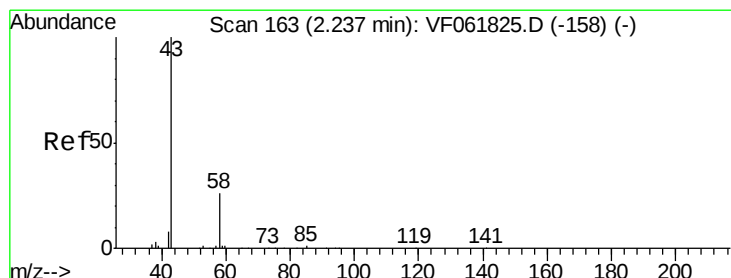
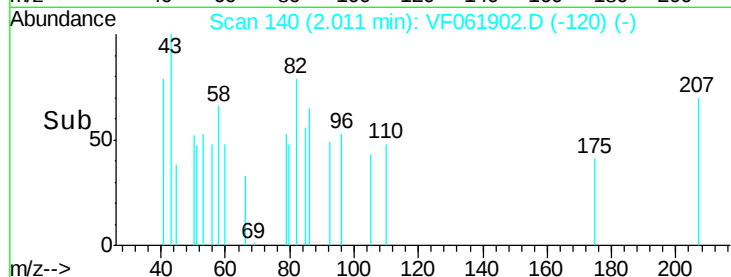
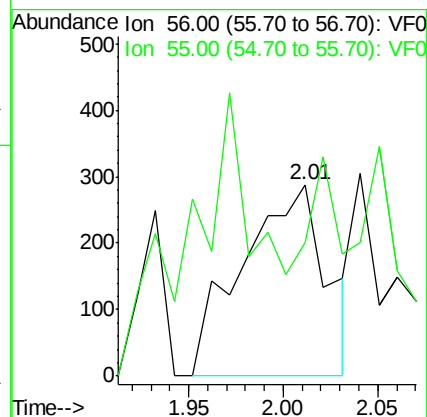
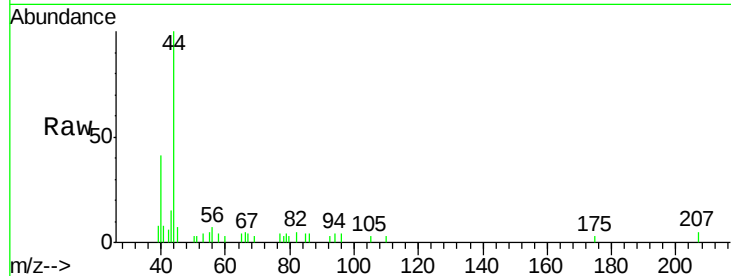
TP-1-D

Tot Ion: 56 Resp: 887

Ion Ratio Lower Upper

56 100

55 69.8 51.3 76.9



#16

Acetone

Concen: 64.993 ug/l

RT: 2.24 min Scan# 163

Delta R.T. 0.00 min

Lab File: VF061902.D

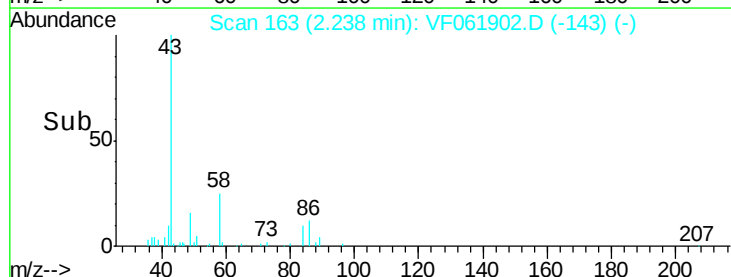
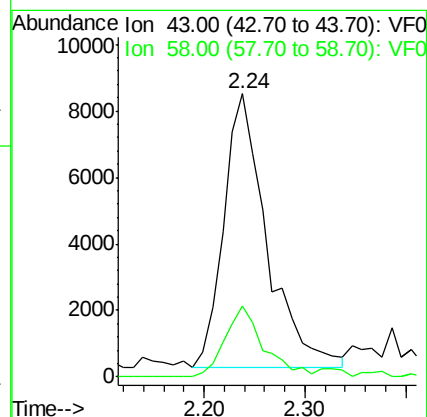
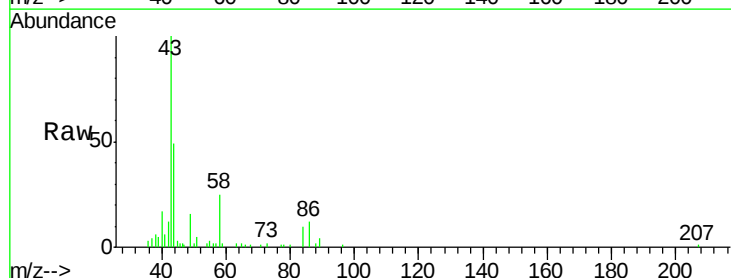
Acq: 11 Mar 2019 21:16

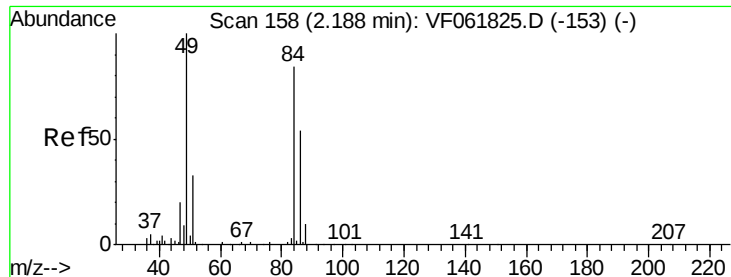
Tgt Ion: 43 Resp: 24515

Ion Ratio Lower Upper

43 100

58 25.3 20.3 30.5

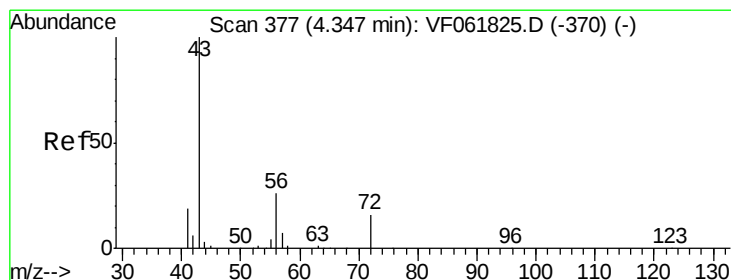
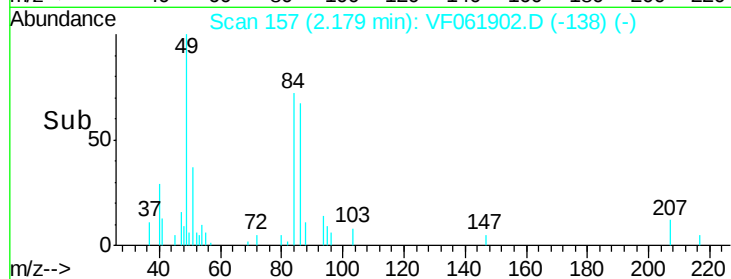
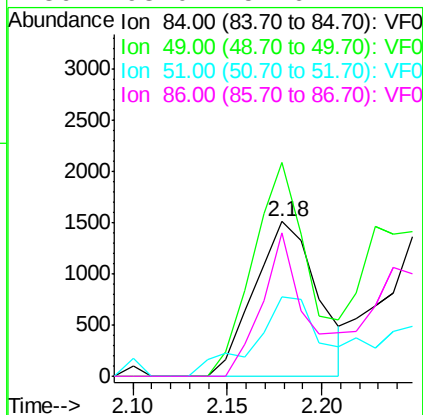
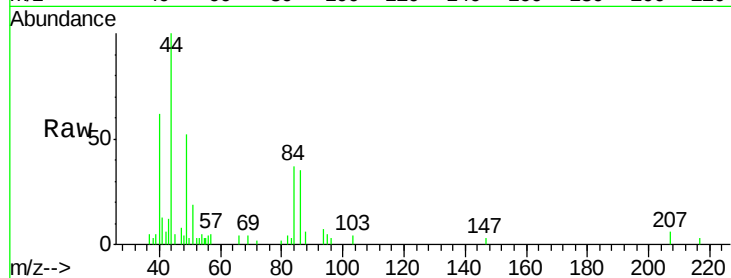




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.18 min Scan# 157
Delta R.T. -0.01 min
Lab File: VF061902.D
Acq: 11 Mar 2019 21:16

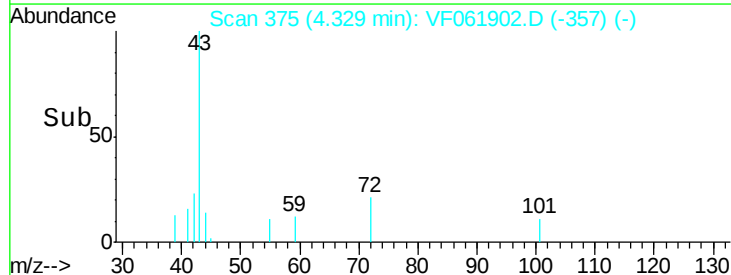
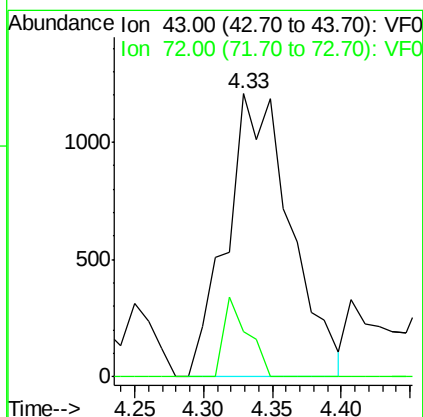
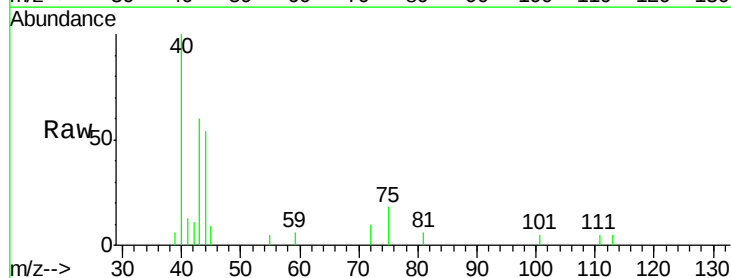
Instrument :
MSVOA_F
ClientSampled :
TP-1-D

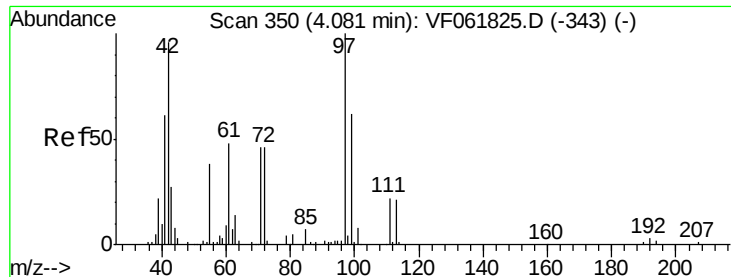
Tot Ion: 84 Resp: 3527
Ion Ratio Lower Upper
84 100
49 138.5 96.8 145.2
51 51.5 31.8 47.6#
86 93.0 51.6 77.4#



#25
2-Butanone
Concen: 5.077 ug/l
RT: 4.33 min Scan# 375
Delta R.T. -0.02 min
Lab File: VF061902.D
Acq: 11 Mar 2019 21:16

Tgt Ion: 43 Resp: 3895
Ion Ratio Lower Upper
43 100
72 16.2 16.2 24.4#

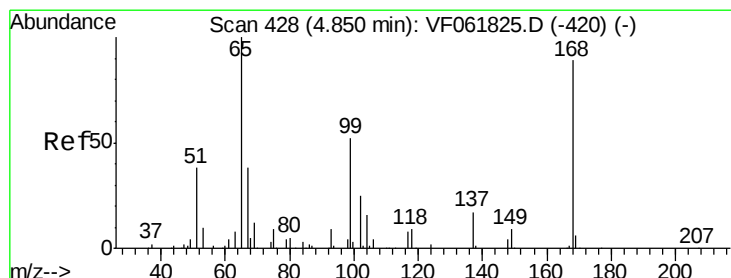
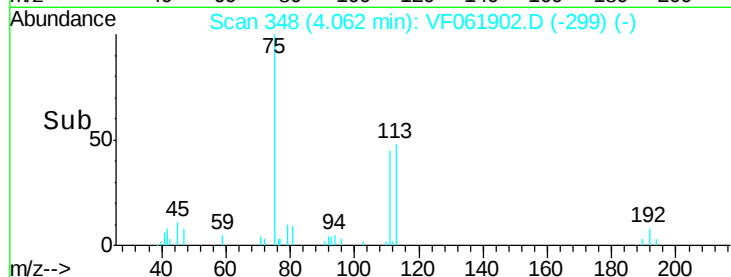
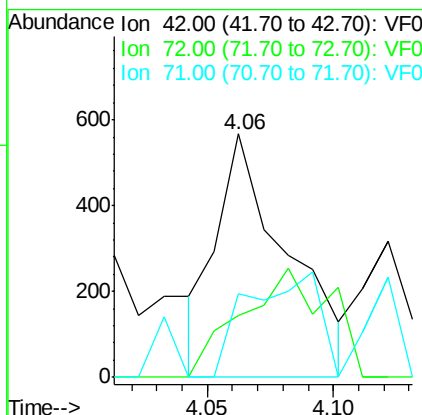
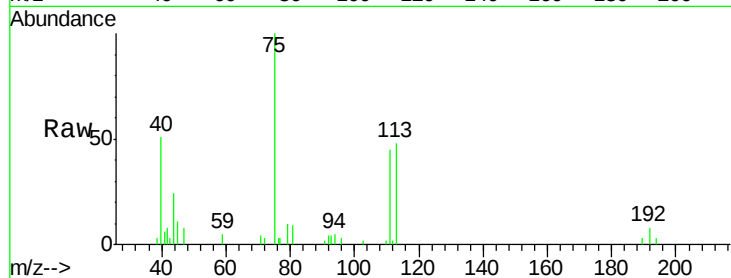




#29
Tetrahydrofuran
Concen: 3.339 ug/l
RT: 4.06 min Scan# 348
Delta R.T. -0.02 min
Lab File: VF061902.D
Acq: 11 Mar 2019 21:16

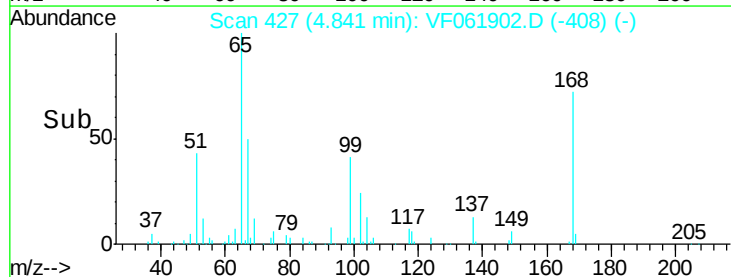
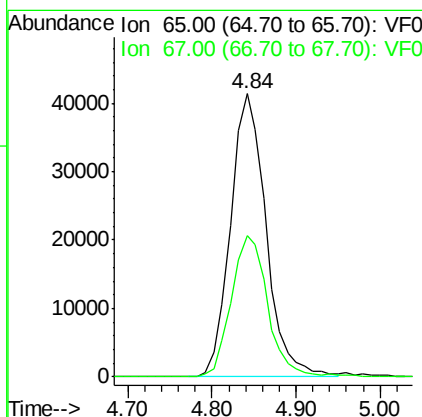
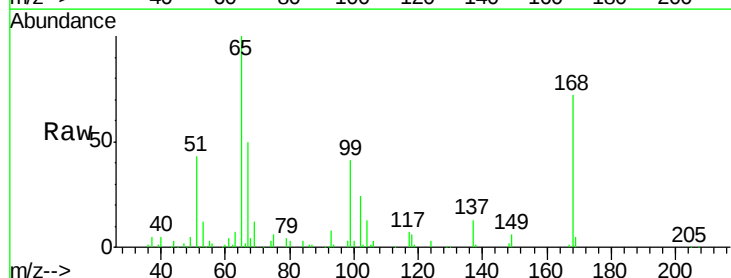
Instrument :
MSVOA_F
ClientSampled :
TP-1-D

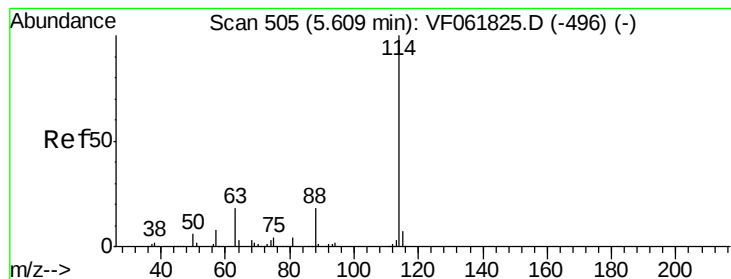
Tot Ion: 42 Resp: 1105
Ion Ratio Lower Upper
42 100
72 0.0 34.4 51.6#
71 0.0 34.6 52.0#



#33
1,2-Dichloroethane-d4
Concen: 67.559 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.01 min
Lab File: VF061902.D
Acq: 11 Mar 2019 21:16

Tgt Ion: 65 Resp: 121653
Ion Ratio Lower Upper
65 100
67 49.9 0.0 108.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.02 min

Lab File: VF061902.D

Acq: 11 Mar 2019 21:16

Instrument :

MSVOA_F

ClientSampleId :

TP-1-D

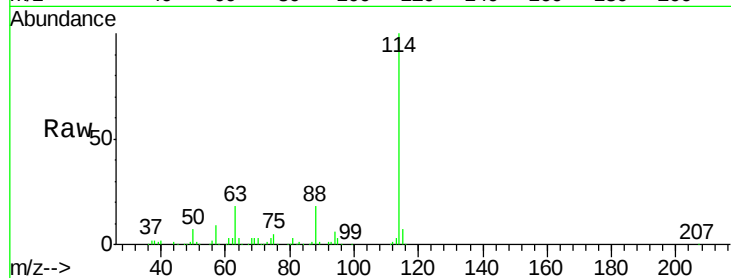
Tot Ion:114 Resp: 386343

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.6

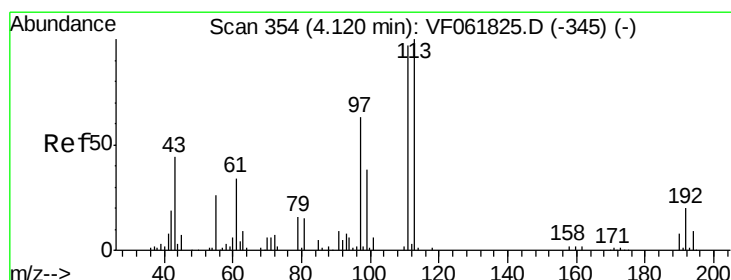
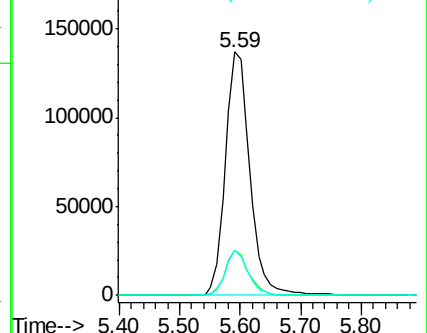
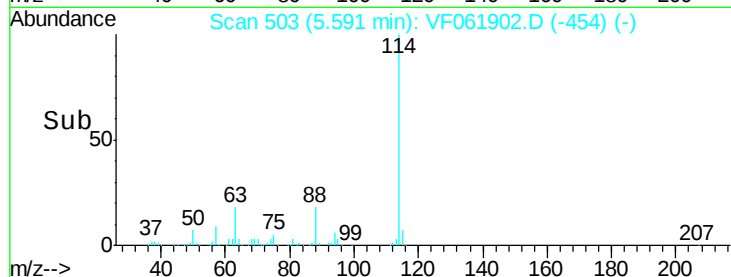
88 18.5 0.0 35.6



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: 63.602 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.01 min

Lab File: VF061902.D

Acq: 11 Mar 2019 21:16

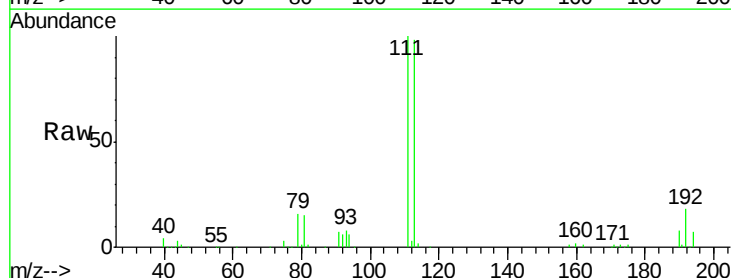
Tgt Ion:113 Resp: 171482

Ion Ratio Lower Upper

113 100

111 102.4 77.6 116.4

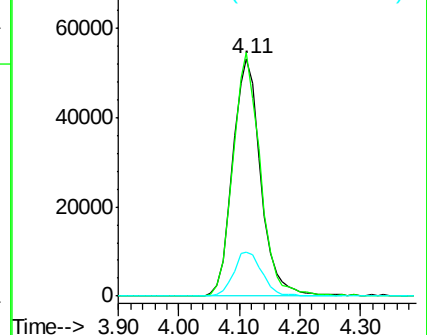
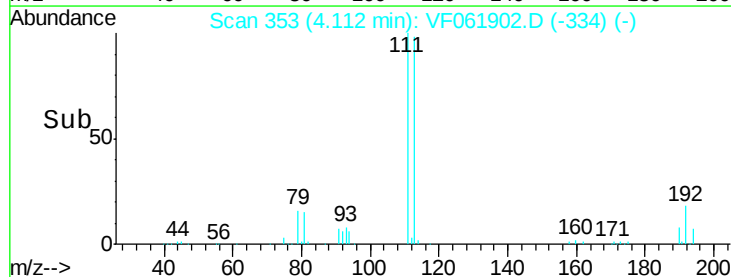
192 19.1 15.9 23.9

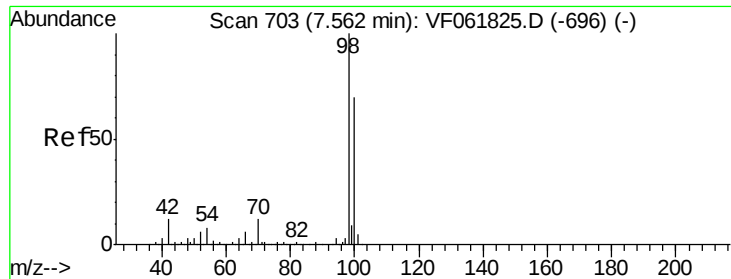


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

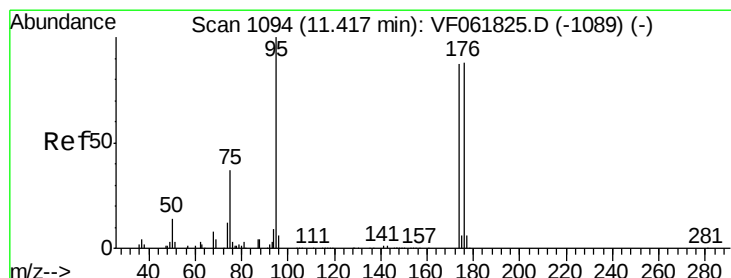
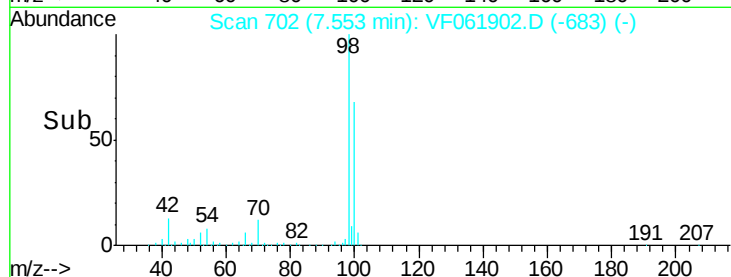
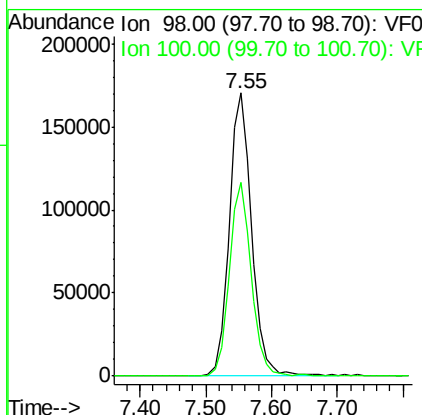
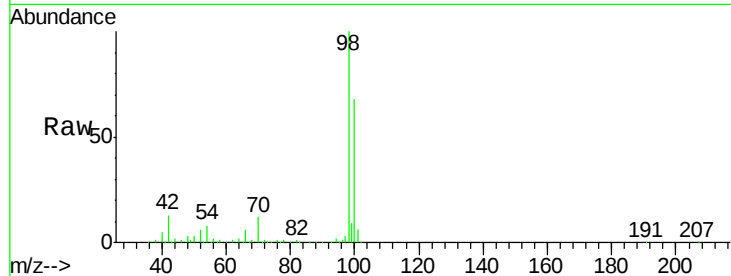




#50
Toluene-d8
Concen: 50.651 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.01 min
Lab File: VF061902.D
Acq: 11 Mar 2019 21:16

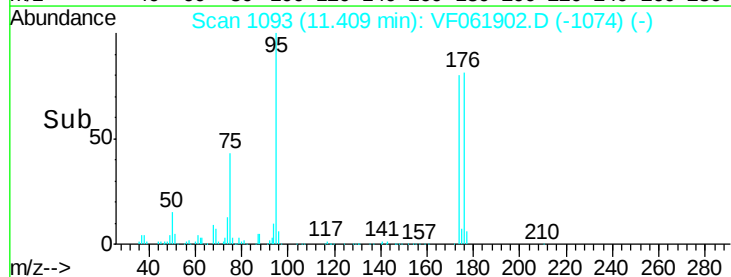
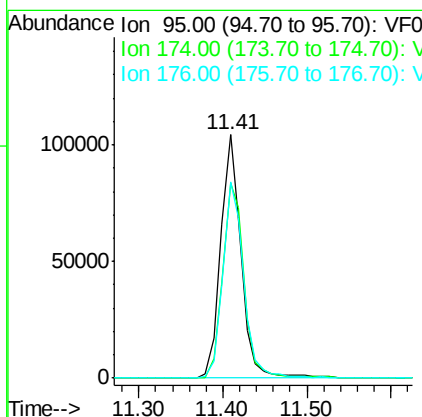
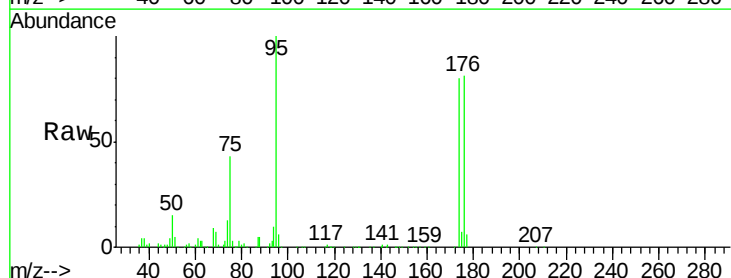
Instrument :
MSVOA_F
ClientSampleId :
TP-1-D

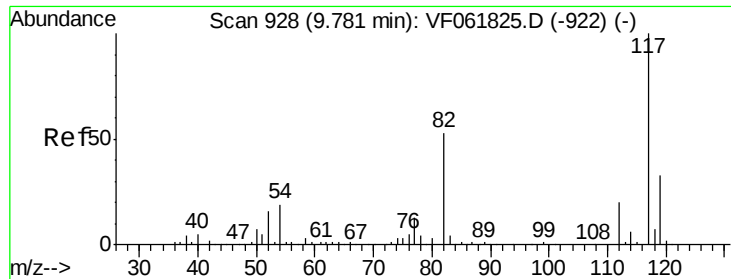
Tot Ion: 98 Resp: 405908
Ion Ratio Lower Upper
98 100
100 68.4 56.0 84.0



#62
4-Bromofluorobenzene
Concen: 55.868 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF061902.D
Acq: 11 Mar 2019 21:16

Tgt Ion: 95 Resp: 175382
Ion Ratio Lower Upper
95 100
174 80.1 0.0 174.0
176 80.8 0.0 175.2

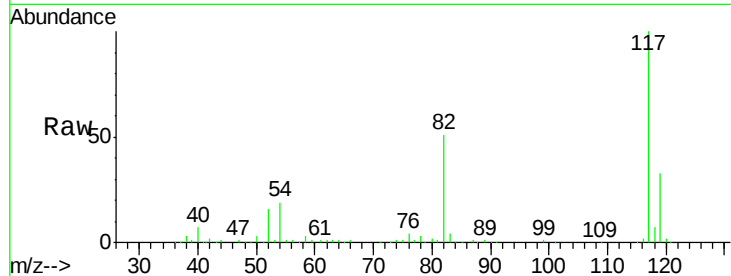




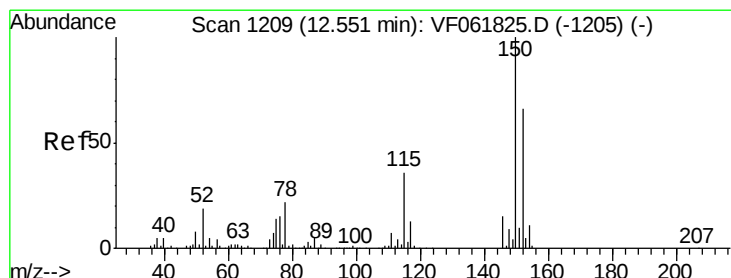
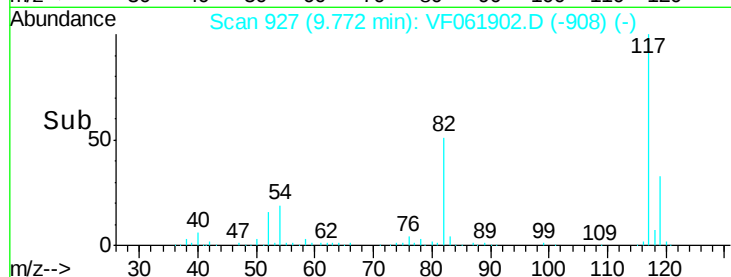
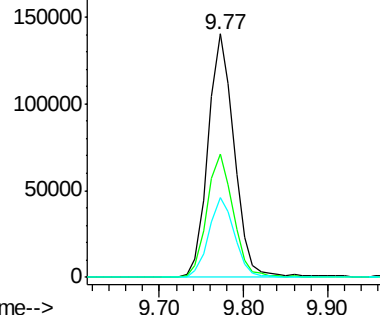
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.01 min
Lab File: VF061902.D
Acq: 11 Mar 2019 21:16

Instrument :
MSVOA_F
ClientSampleId :
TP-1-D

Tot Ion:117 Resp: 304589
Ion Ratio Lower Upper
117 100
82 50.7 42.6 63.8
119 32.7 26.0 39.0

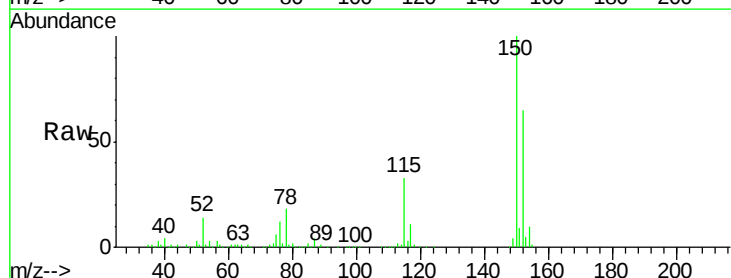


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

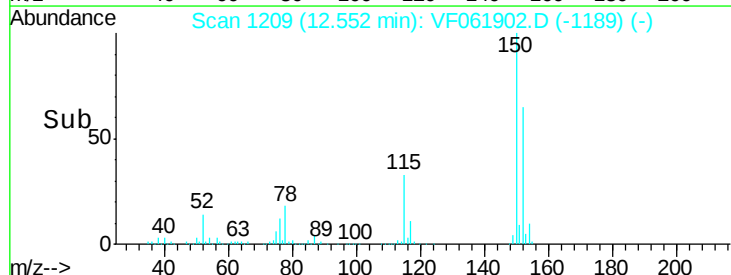
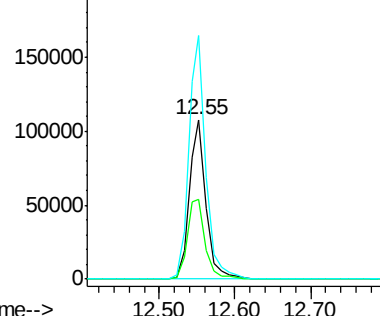


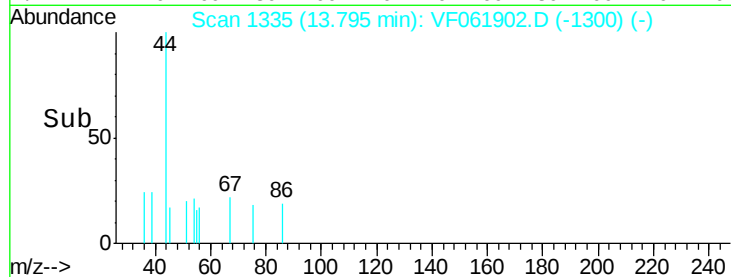
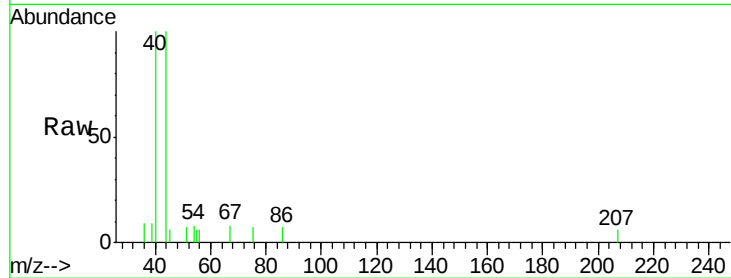
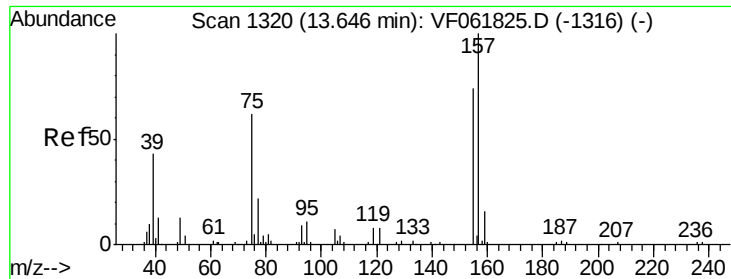
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF061902.D
Acq: 11 Mar 2019 21:16

Tgt Ion:152 Resp: 168024
Ion Ratio Lower Upper
152 100
115 50.0 27.7 83.1
150 153.0 0.0 304.2



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 3.959 ug/l

RT: 13.79 min Scan# 1335

Delta R.T. 0.15 min

Lab File: VF061902.D

Acq: 11 Mar 2019 21:16

Instrument :

MSVOA_F

ClientSampleId :

TP-1-D

Tot Ion: 75 Resp: 69

Ion Ratio Lower Upper

75 100

155 0.0 59.8 179.4#

157 0.0 81.2 243.4#

