

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102721\
 Data File : VW023057.D
 Acq On : 27 Oct 2021 14:46
 Operator : SY/MD
 Sample : M4278-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGF5

Quant Time: Oct 28 01:45:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 28 01:43:46 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	135187	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	136334	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	60806	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	48650	4.118	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.400%
7) Chloroethane-d5	1.568	69	30174	4.129	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.111	63	48183	2.827	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.600%#
20) 2-Butanone-d5	3.889	46	103997	54.881	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.760%
24) Chloroform-d	4.355	84	96609	5.031	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.040	65	45546	5.031	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.056	84	191278	4.806	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.075	67	60957	4.975	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.320	98	162354	4.541	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	7.628	79	18379	4.281	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.091	63	67190	42.273	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.540%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	35495	4.195	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.000%
66) 1,2-Dichlorobenzene-d4	11.628	152	63508	5.854	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.246	50	554	0.060	ug/L	93
12) 1,1-Dichloroethene	2.111	96	430	0.062	ug/L #	1
13) Acetone	2.175	43	13648	14.680	ug/L	94
15) Methyl Acetate	2.330	43	335215	94.781	ug/L #	47
33) Benzene	5.111	78	27110	0.739	ug/L	100
35) Methylcyclohexane	6.072	83	14988	1.136	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	6499	0.703	ug/L #	83
39) cis-1,3-Dichloropropene	6.992	75	1323	0.115	ug/L #	22
42) Toluene	7.394	91	202703	5.452	ug/L	99
48) 2-Hexanone	8.152	43	12478	3.861	ug/L #	90
52) Ethylbenzene	9.017	91	22957	0.622	ug/L	96
53) m,p-xylene	9.140	106	28820	1.947	ug/L	100
54) o-xylene	9.548	106	12517	0.898	ug/L	96
60) Isopropylbenzene	10.741	105	4236	0.138	ug/L	95
62) 1,3,5-Trimethylbenzene	10.545	105	2883	0.117	ug/L	89
63) 1,2,4-Trimethylbenzene	10.918	105	15624	0.634	ug/L	98
71) Naphthalene	13.506	128	5597	0.399	ug/L #	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102721\
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Quant Time: Oct 28 01:45:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 28 01:43:46 2021
Response via : Initial Calibration

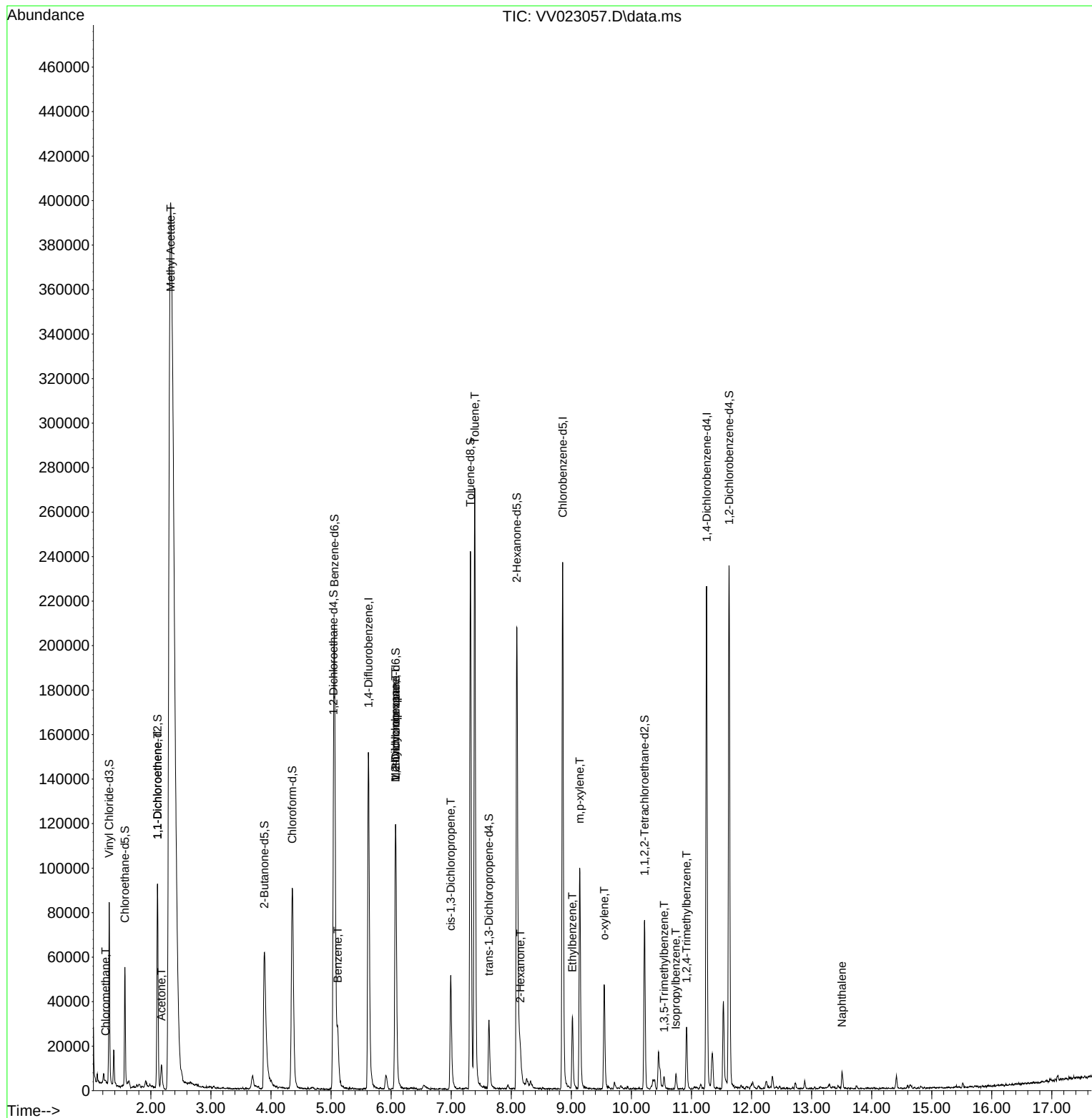
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

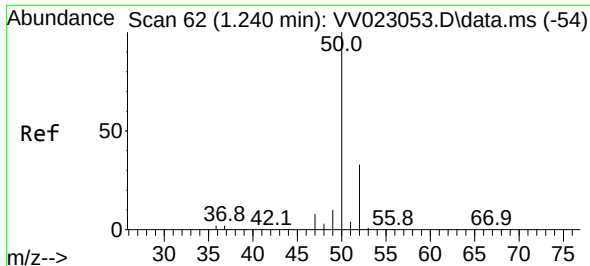
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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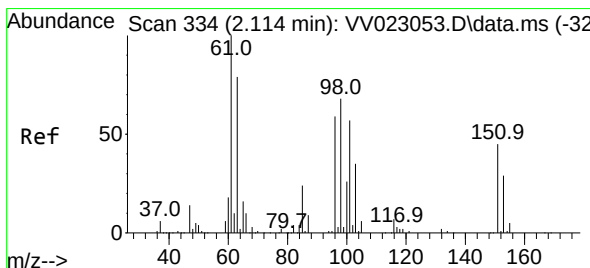
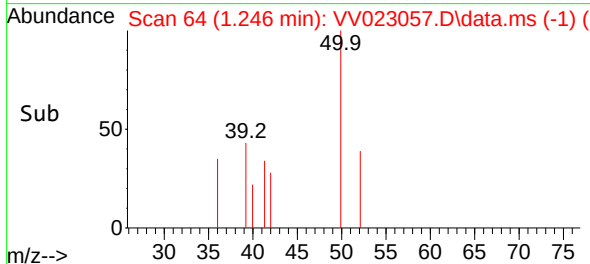
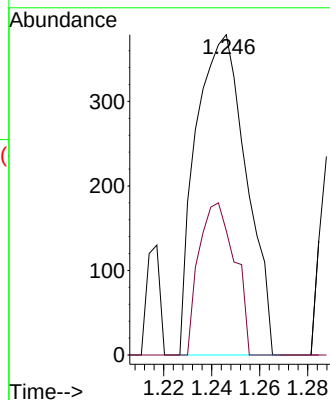
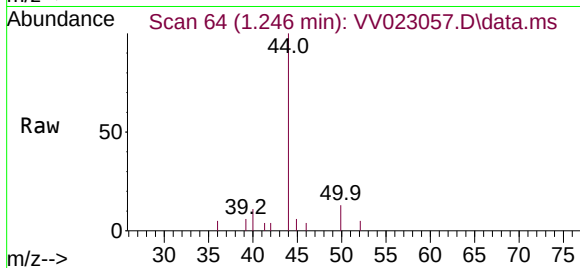




#3
Chloromethane
Concen: 0.060 ug/L
RT: 1.246 min Scan# 64
Delta R.T. 0.006 min
Lab File: VV023057.D
Acq: 27 Oct 2021 14:46

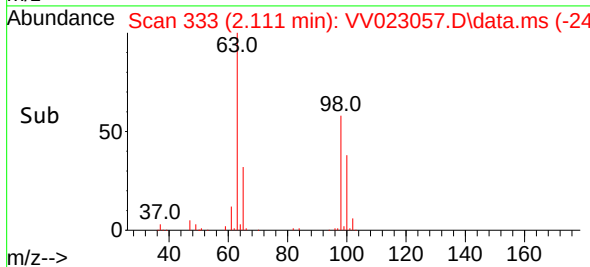
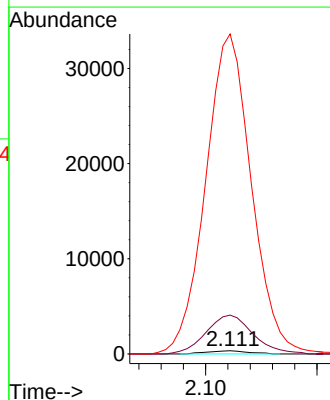
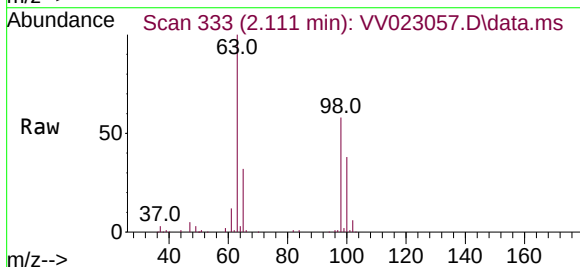
Instrument :
MSVOA_V
ClientSampleId :
BFGF5

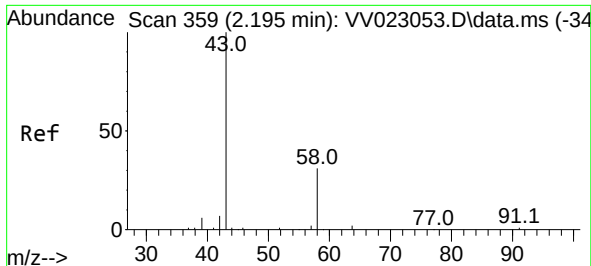
Tgt Ion: 50 Resp: 554
Ion Ratio Lower Upper
50 100
52 38.8 24.3 45.1



#12
1,1-Dichloroethene
Concen: 0.062 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.003 min
Lab File: VV023057.D
Acq: 27 Oct 2021 14:46

Tgt Ion: 96 Resp: 430
Ion Ratio Lower Upper
96 100
61 1244.1 121.5 225.7#
63 10220.1 99.6 185.0#

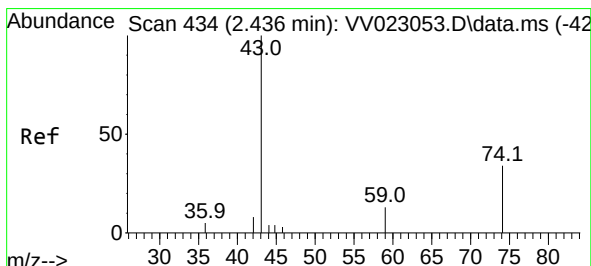
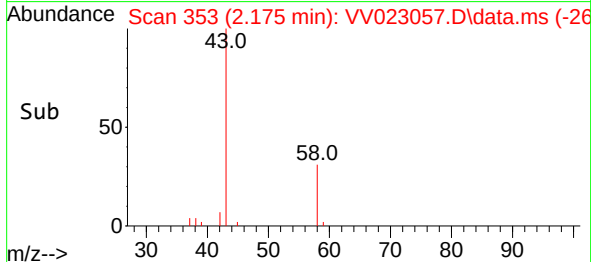
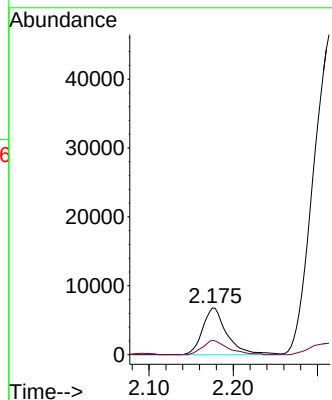
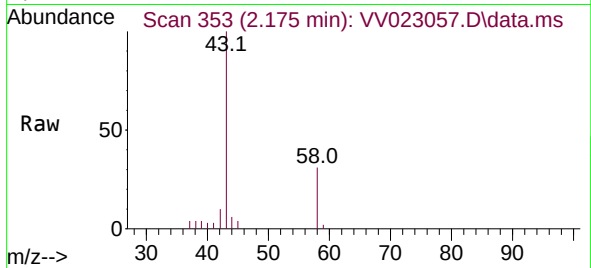




#13
Acetone
Concen: 14.680 ug/L
RT: 2.175 min Scan# 31
Delta R.T. -0.019 min
Lab File: VV023057.D
Acq: 27 Oct 2021 14:46

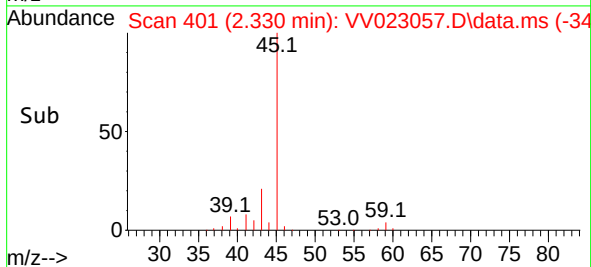
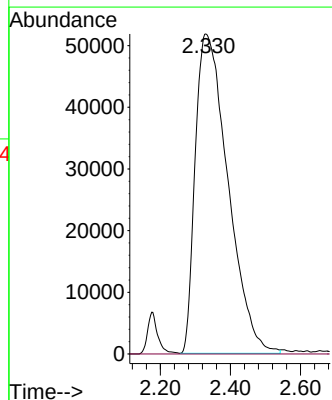
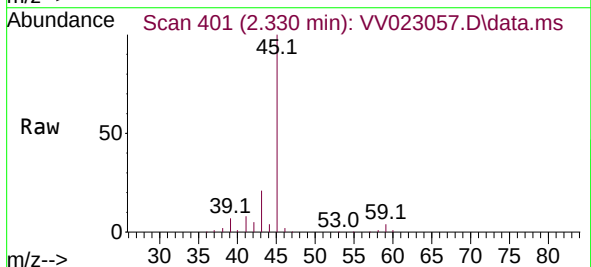
Instrument :
MSVOA_V
ClientSampleId :
BFGF5

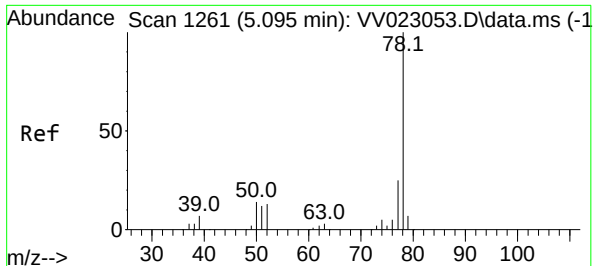
Tgt Ion: 43 Resp: 13648
Ion Ratio Lower Upper
43 100
58 30.9 0.0 55.4



#15
Methyl Acetate
Concen: 94.781 ug/L
RT: 2.330 min Scan# 401
Delta R.T. -0.106 min
Lab File: VV023057.D
Acq: 27 Oct 2021 14:46

Tgt Ion: 43 Resp: 335215
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.2#

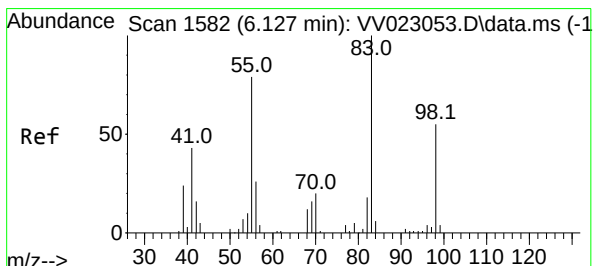
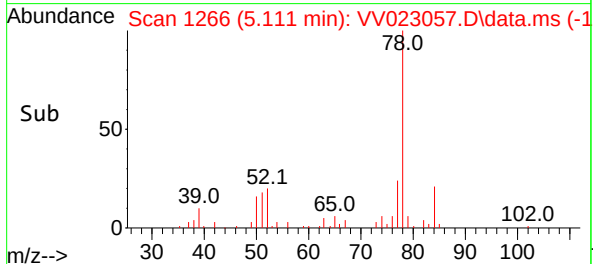
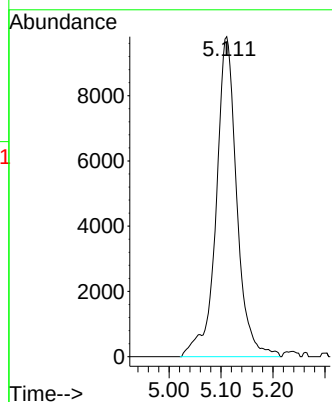
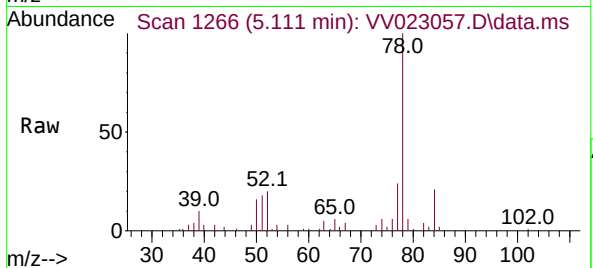




#33
Benzene
Concen: 0.739 ug/L
RT: 5.111 min Scan# 1565
Delta R.T. 0.016 min
Lab File: VV023057.D
Acq: 27 Oct 2021 14:46

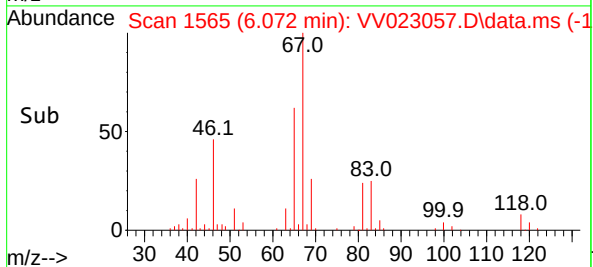
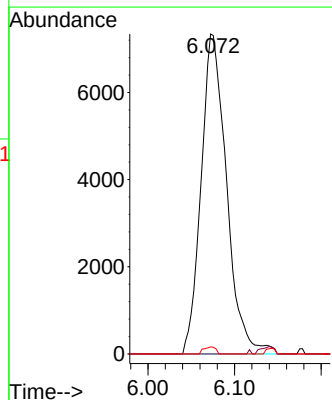
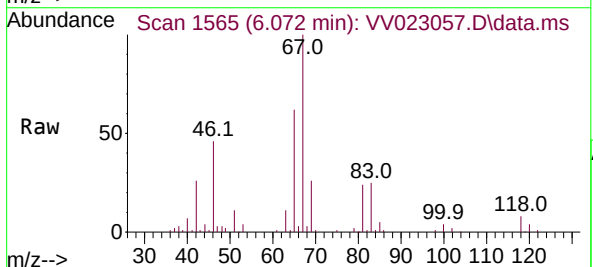
Instrument :
MSVOA_V
ClientSampleId :
BFGF5

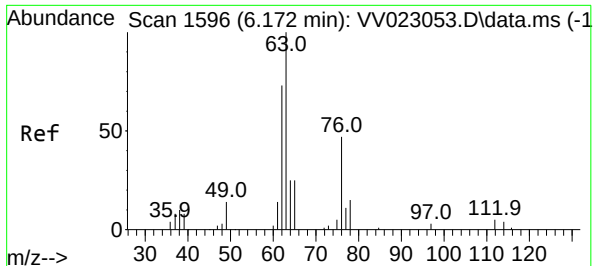
Tgt Ion: 78 Resp: 27110



#35
Methylcyclohexane
Concen: 1.136 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV023057.D
Acq: 27 Oct 2021 14:46

Tgt Ion: 83 Resp: 14988
Ion Ratio Lower Upper
83 100
55 0.1 62.8 94.2#
98 1.0 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.703 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV023057.D

Acq: 27 Oct 2021 14:46

Instrument :

MSVOA_V

ClientSampleId :

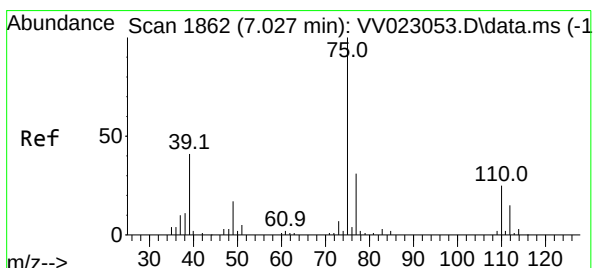
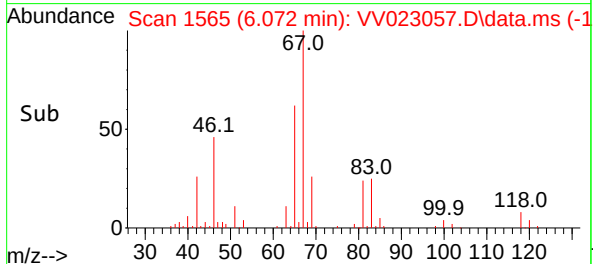
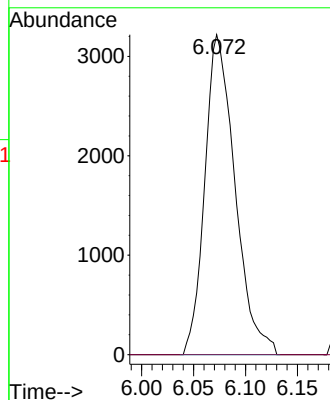
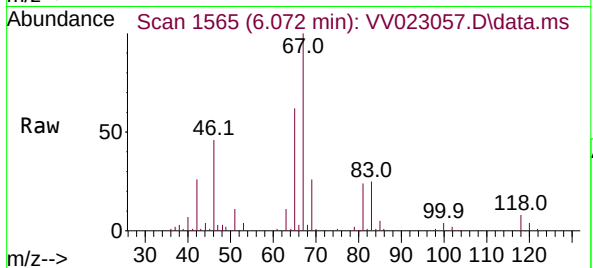
BFGF5

Tgt Ion: 63 Resp: 6499

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.115 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.035 min

Lab File: VV023057.D

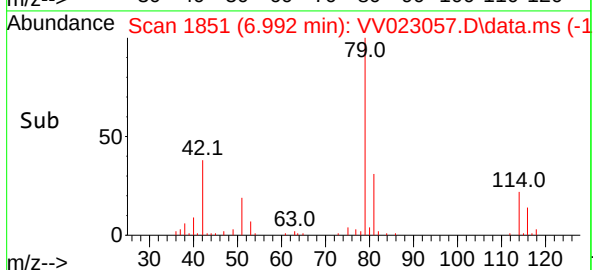
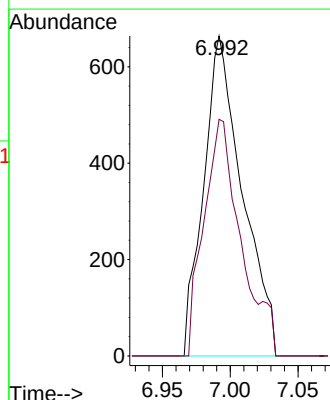
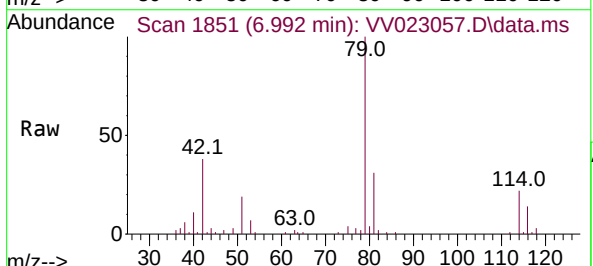
Acq: 27 Oct 2021 14:46

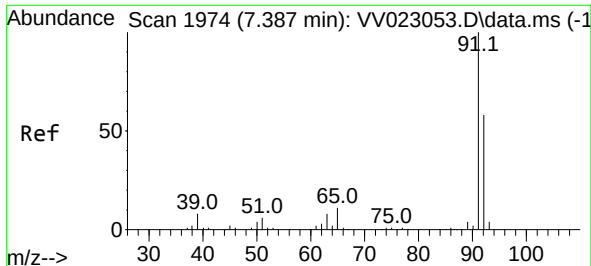
Tgt Ion: 75 Resp: 1323

Ion Ratio Lower Upper

75 100

77 73.9 21.6 40.2#





#42

Toluene

Concen: 5.452 ug/L

RT: 7.394 min Scan# 1974

Delta R.T. 0.006 min

Lab File: VV023057.D

Acq: 27 Oct 2021 14:46

Instrument :

MSVOA_V

ClientSampleId :

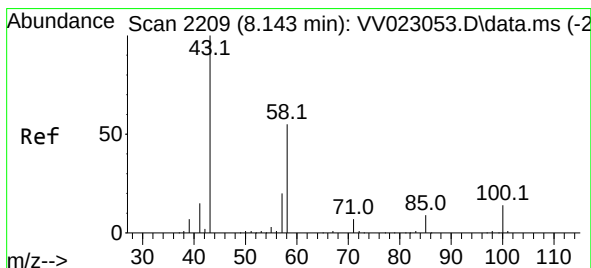
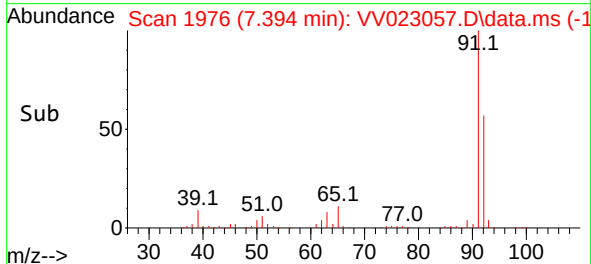
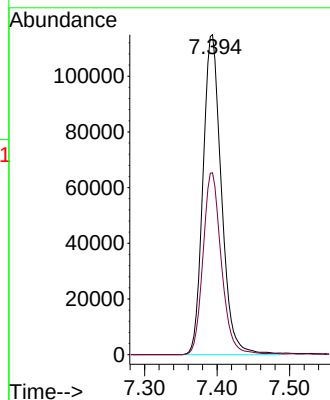
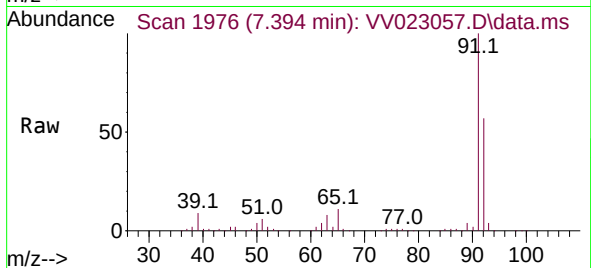
BFGF5

Tgt Ion: 91 Resp: 202703

Ion Ratio Lower Upper

91 100

92 56.9 39.3 72.9



#48

2-Hexanone

Concen: 3.861 ug/L

RT: 8.152 min Scan# 2212

Delta R.T. 0.010 min

Lab File: VV023057.D

Acq: 27 Oct 2021 14:46

Tgt Ion: 43 Resp: 12478

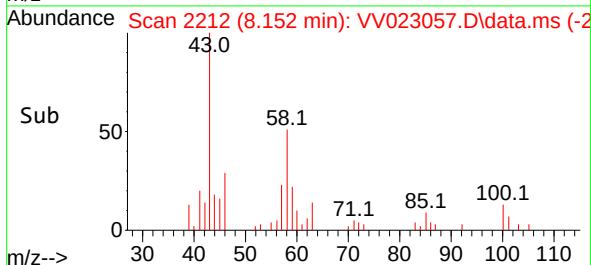
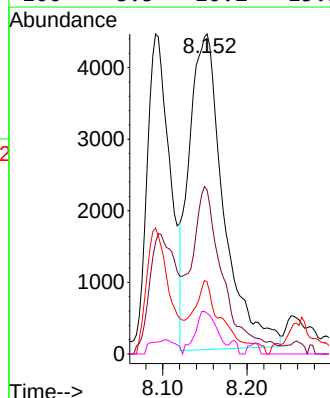
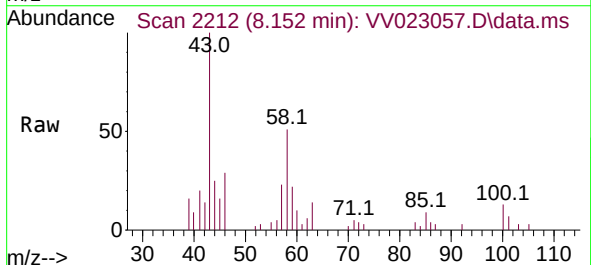
Ion Ratio Lower Upper

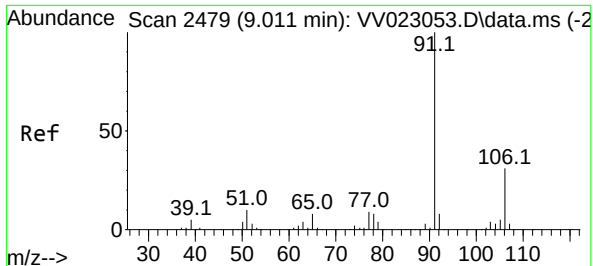
43 100

58 46.6 43.7 65.5

57 19.6 14.1 21.1

100 8.5 10.2 15.2#





#52

Ethylbenzene

Concen: 0.622 ug/L

RT: 9.017 min Scan# 24

Delta R.T. 0.006 min

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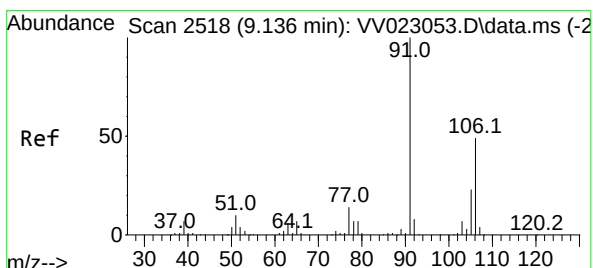
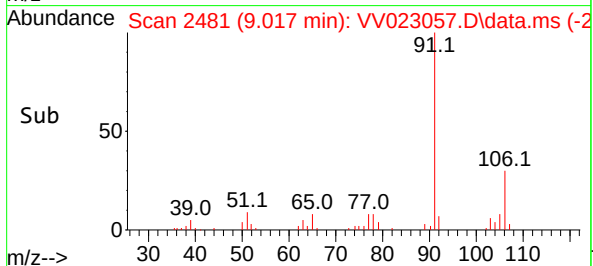
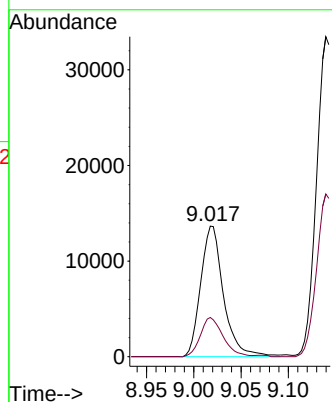
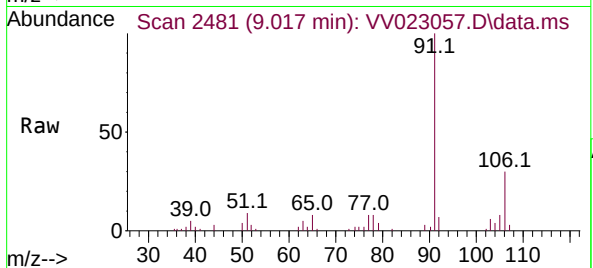
BFGF5

Tgt Ion: 91 Resp: 22957

Ion Ratio Lower Upper

91 100

106 30.1 22.5 41.9



#53

m,p-xylene

Concen: 1.947 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV023057.D

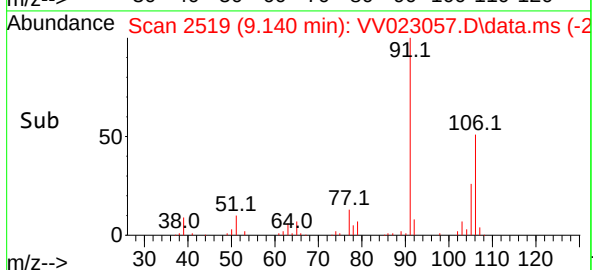
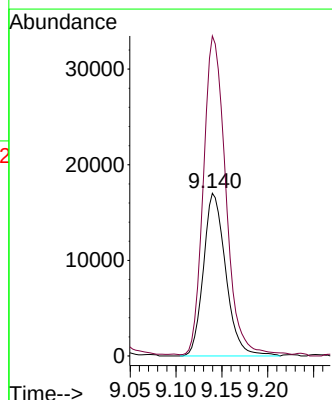
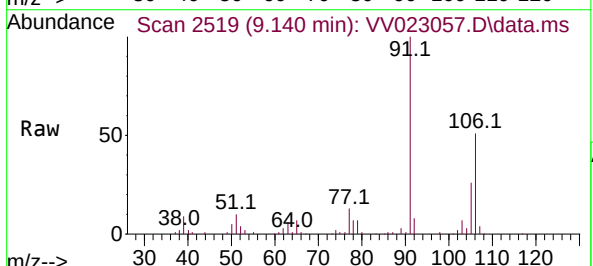
Acq: 27 Oct 2021 14:46

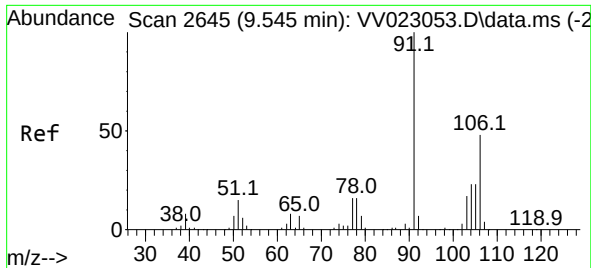
Tgt Ion: 106 Resp: 28820

Ion Ratio Lower Upper

106 100

91 196.7 137.2 254.8

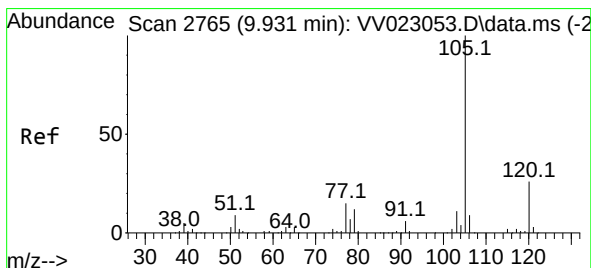
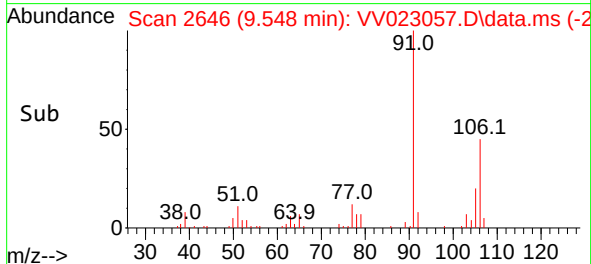
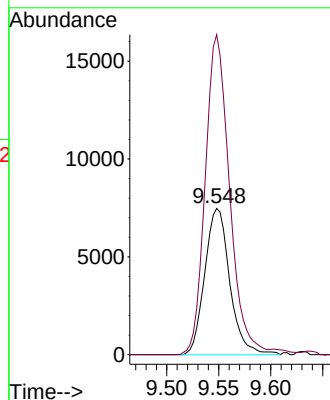
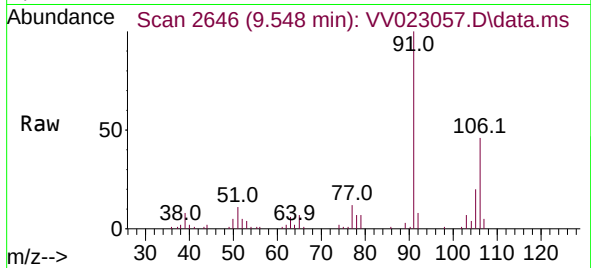




#54
o-xylene
Concen: 0.898 ug/L
RT: 9.548 min Scan# 2017
Delta R.T. 0.003 min
Lab File: VV023057.D
Acq: 27 Oct 2021 14:46

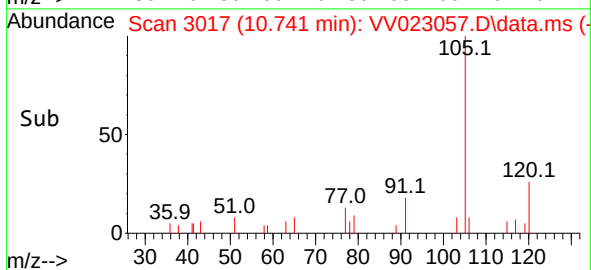
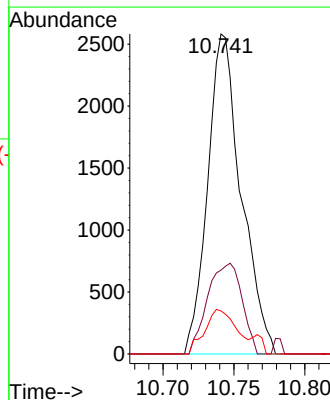
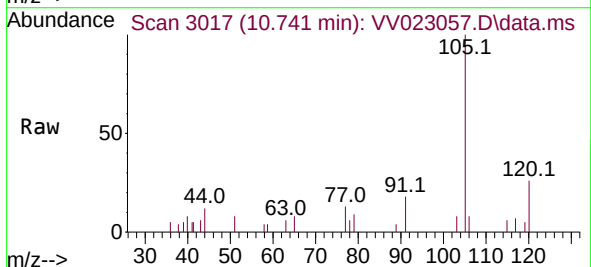
Instrument :
MSVOA_V
ClientSampleId :
BFGF5

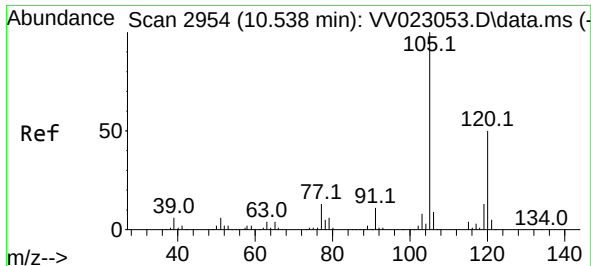
Tgt Ion:106 Resp: 12517
Ion Ratio Lower Upper
106 100
91 218.7 148.3 275.5



#60
Isopropylbenzene
Concen: 0.138 ug/L
RT: 10.741 min Scan# 3017
Delta R.T. 0.810 min
Lab File: VV023057.D
Acq: 27 Oct 2021 14:46

Tgt Ion:105 Resp: 4236
Ion Ratio Lower Upper
105 100
120 29.1 21.7 32.5
77 13.1 12.6 19.0





#62

1,3,5-Trimethylbenzene

Concen: 0.117 ug/L

RT: 10.545 min Scan# 2954

Delta R.T. 0.006 min

Lab File: VV023057.D

Acq: 27 Oct 2021 14:46

Instrument :

MSVOA_V

ClientSampleId :

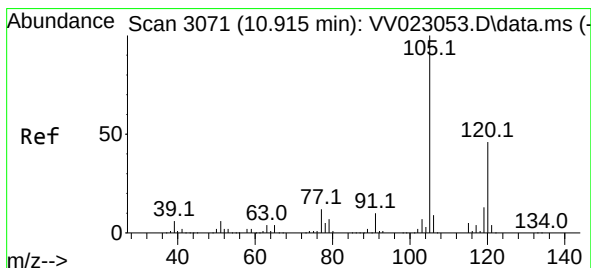
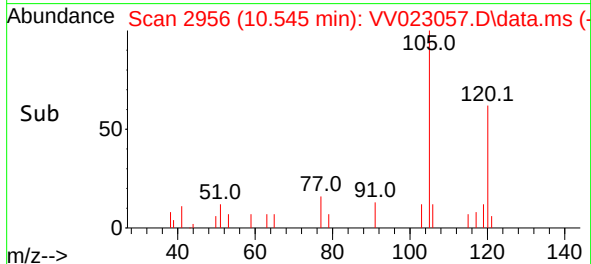
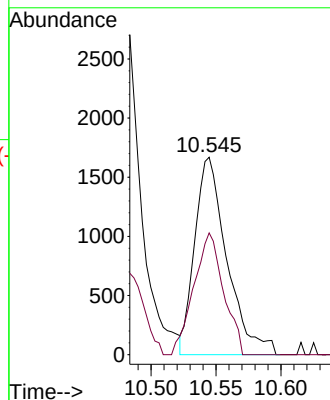
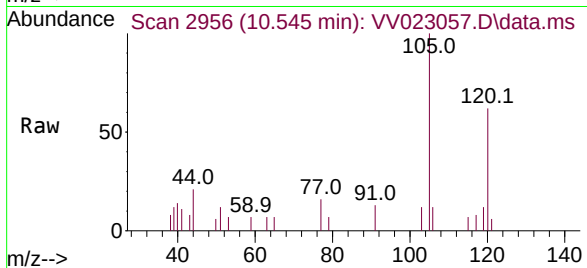
BFGF5

Tgt Ion:105 Resp: 2883

Ion Ratio Lower Upper

105 100

120 57.0 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 0.634 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.003 min

Lab File: VV023057.D

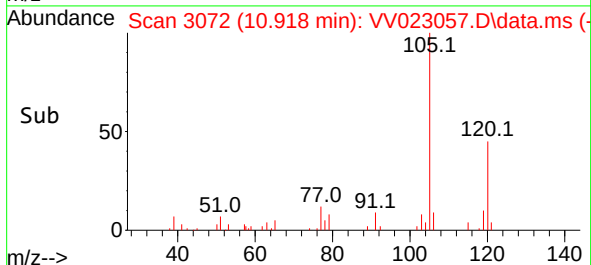
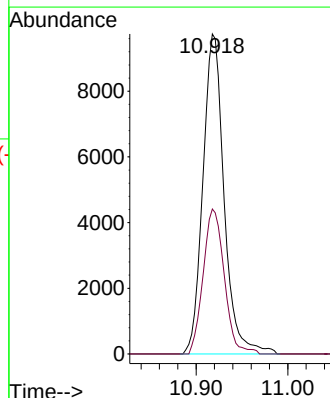
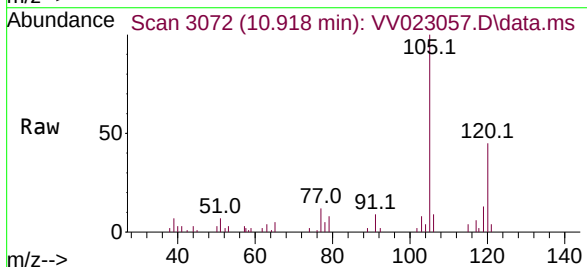
Acq: 27 Oct 2021 14:46

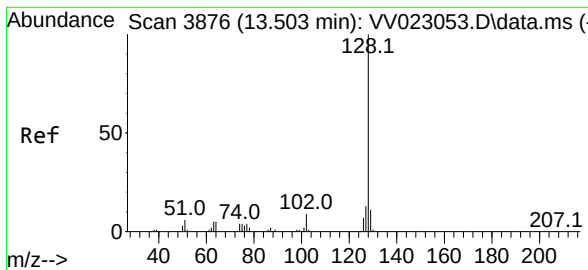
Tgt Ion:105 Resp: 15624

Ion Ratio Lower Upper

105 100

120 45.2 37.4 56.2





#71
Naphthalene
Concen: 0.399 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VV023057.D
Acq: 27 Oct 2021 14:46

Instrument :
MSVOA_V
ClientSampleId :
BFGF5

Tgt Ion:128 Resp: 5597
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 16.4 10.5 15.7#

