

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102721\
 Data File : VW023055.D
 Acq On : 27 Oct 2021 14:03
 Operator : SY/MD
 Sample : M4278-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGF3

Quant Time: Oct 28 01:44:57 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	5.619	114	122649	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	122509	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55993	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	48610	4.536	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.800%
7) Chloroethane-d5	1.568	69	32783	4.945	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	2.108	63	50431	3.262	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.200%
20) 2-Butanone-d5	3.883	46	105152	61.163	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.320%
24) Chloroform-d	4.352	84	93982	5.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.800%
26) 1,2-Dichloroethane-d4	5.034	65	44409	5.407	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.200%
32) Benzene-d6	5.053	84	186551	5.216	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
36) 1,2-Dichloropropane-d6	6.072	67	59241	5.380	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.600%
41) Toluene-d8	7.317	98	155494	4.840	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	7.625	79	18468	4.787	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	8.088	63	65894	46.136	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.280%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35677	4.693	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	60779	6.084	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.600%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	554	0.066	ug/L #	70
12) 1,1-Dichloroethene	2.105	96	469	0.075	ug/L #	1
13) Acetone	2.175	43	14289	16.941	ug/L	90
15) Methyl Acetate	2.330	43	365245	113.829	ug/L #	47
16) Methylene chloride	2.507	84	3313	0.480	ug/L	96
33) Benzene	5.104	78	26608	0.807	ug/L	100
35) Methylcyclohexane	6.069	83	14857	1.253	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	6333	0.762	ug/L #	83
39) cis-1,3-Dichloropropene	6.992	75	1364	0.132	ug/L #	66
42) Toluene	7.391	91	231799	6.938	ug/L	98
48) 2-Hexanone	8.146	43	10472	3.606	ug/L #	92
52) Ethylbenzene	9.018	91	25588	0.772	ug/L	90
53) m,p-xylene	9.140	106	34217	2.573	ug/L	98
54) o-xylene	9.545	106	12853	1.027	ug/L	96
61) 1,2,3-Trichloropropane	9.551	75	268	0.068	ug/L #	1
62) 1,3,5-Trimethylbenzene	10.542	105	2807	0.123	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	13821	0.609	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.705	75	83	0.107	ug/L #	1
71) Naphthalene	13.509	128	4817	0.373	ug/L #	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102721\
Data File : VV023055.D
Acq On : 27 Oct 2021 14:03
Operator : SY/MD
Sample : M4278-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFGF3

Quant Time: Oct 28 01:44:57 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

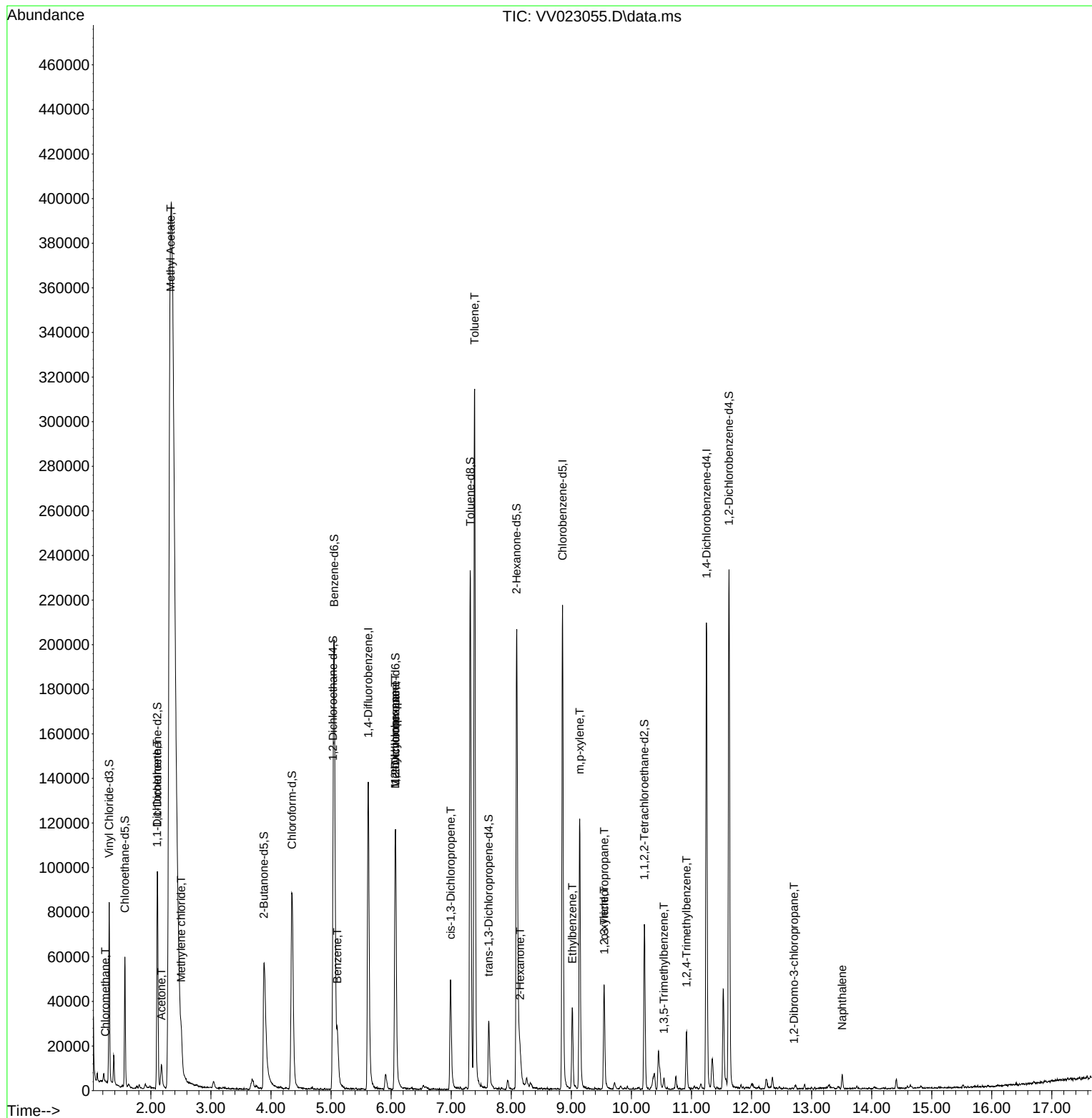
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

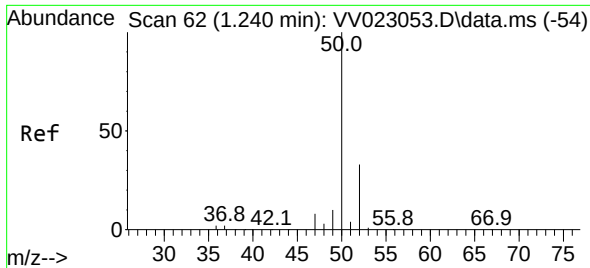
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102721\
Data File : VV023055.D
Acq On : 27 Oct 2021 14:03
Operator : SY/MD
Sample : M4278-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFGF3

Quant Time: Oct 28 01:44:57 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

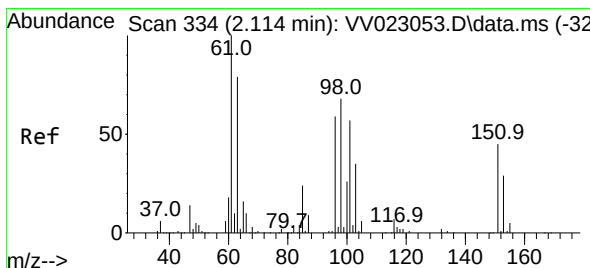
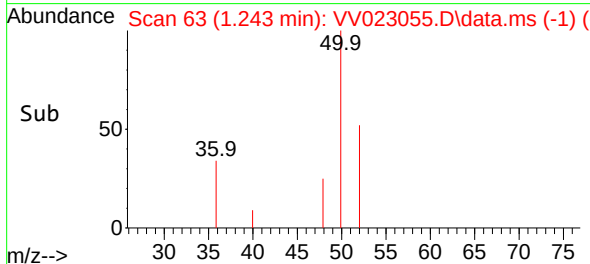
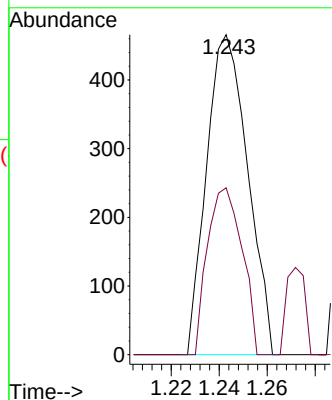
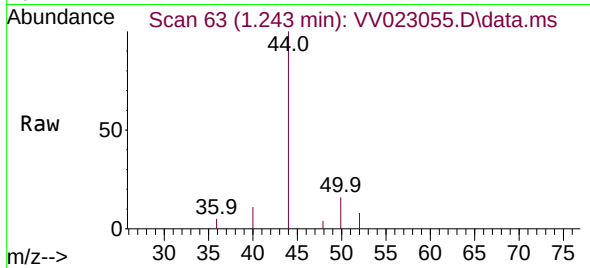




#3
Chloromethane
Concen: 0.066 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV023055.D
Acq: 27 Oct 2021 14:03

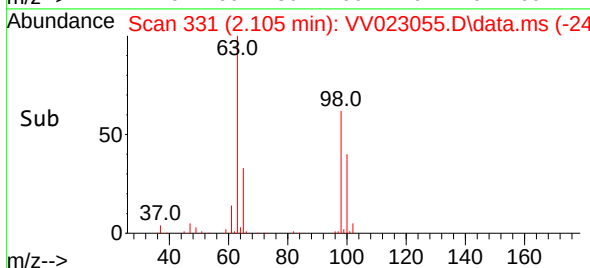
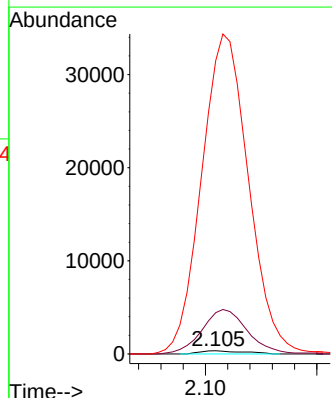
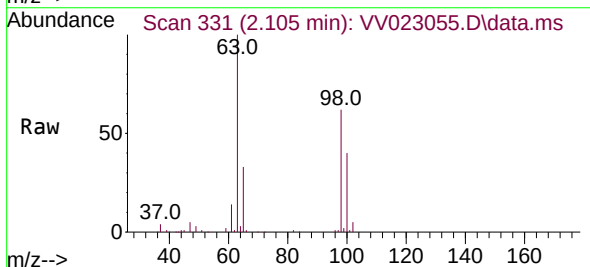
Instrument :
MSVOA_V
ClientSampleId :
BFGF3

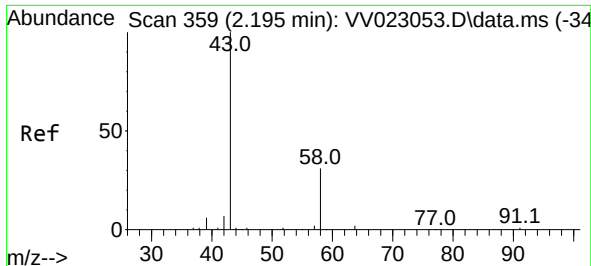
Tgt Ion: 50 Resp: 554
Ion Ratio Lower Upper
50 100
52 52.1 24.3 45.1#



#12
1,1-Dichloroethene
Concen: 0.075 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.010 min
Lab File: VV023055.D
Acq: 27 Oct 2021 14:03

Tgt Ion: 96 Resp: 469
Ion Ratio Lower Upper
96 100
61 1309.4 121.5 225.7#
63 9288.5 99.6 185.0#

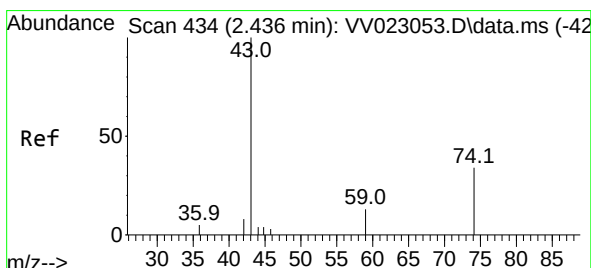
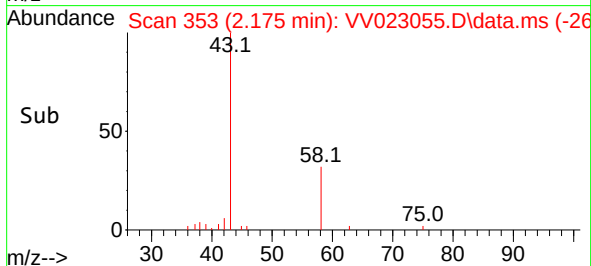
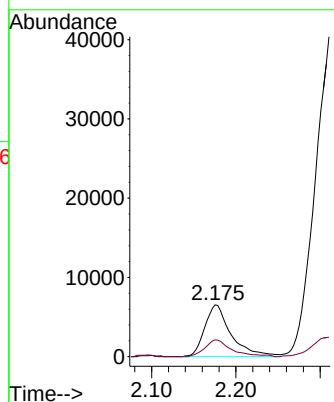
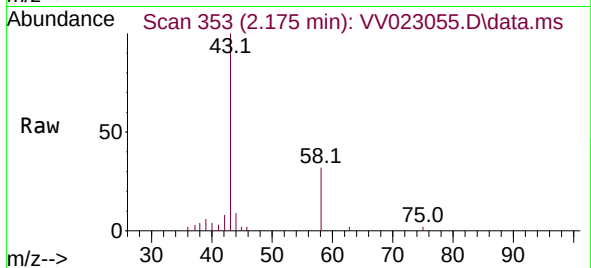




#13
Acetone
Concen: 16.941 ug/L
RT: 2.175 min Scan# 31
Delta R.T. -0.019 min
Lab File: VV023055.D
Acq: 27 Oct 2021 14:03

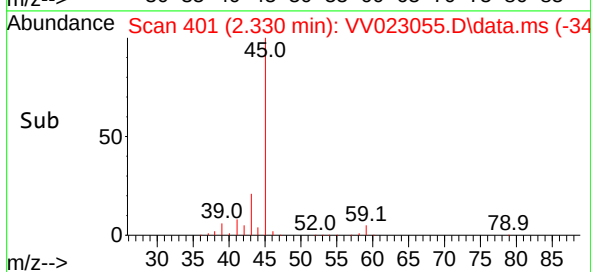
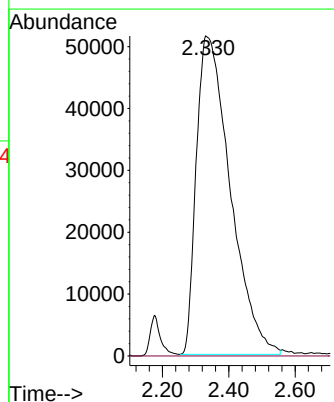
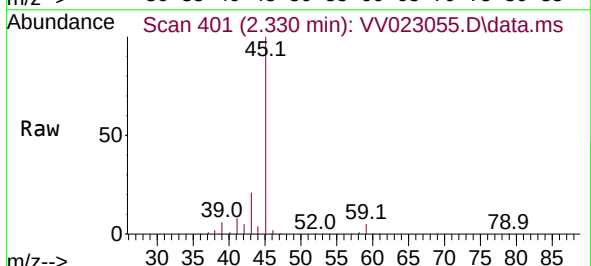
Instrument :
MSVOA_V
ClientSampleId :
BFGF3

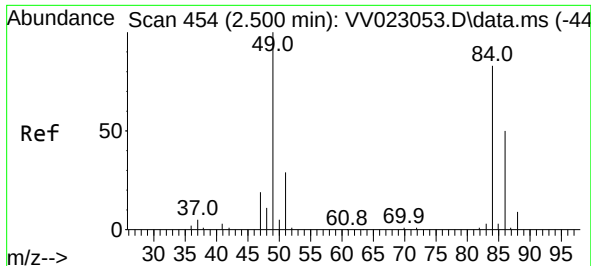
Tgt Ion: 43 Resp: 14289
Ion Ratio Lower Upper
43 100
58 32.7 0.0 55.4



#15
Methyl Acetate
Concen: 113.829 ug/L
RT: 2.330 min Scan# 401
Delta R.T. -0.106 min
Lab File: VV023055.D
Acq: 27 Oct 2021 14:03

Tgt Ion: 43 Resp: 365245
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.2#

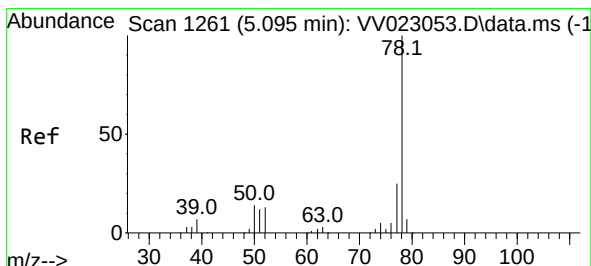
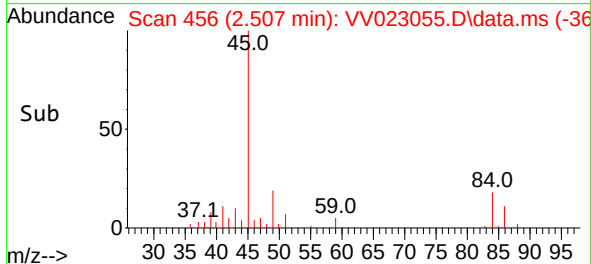
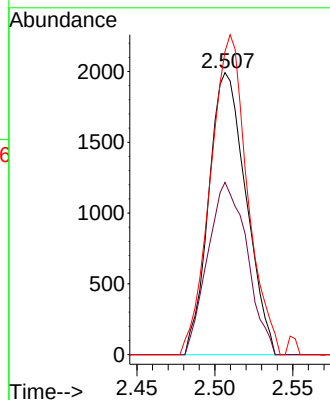
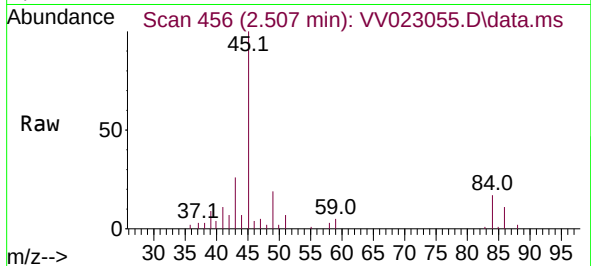




#16
Methylene chloride
Concen: 0.480 ug/L
RT: 2.507 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV023055.D
Acq: 27 Oct 2021 14:03

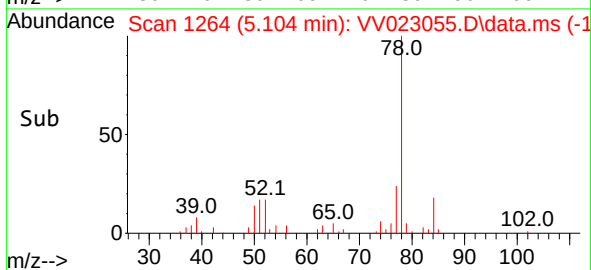
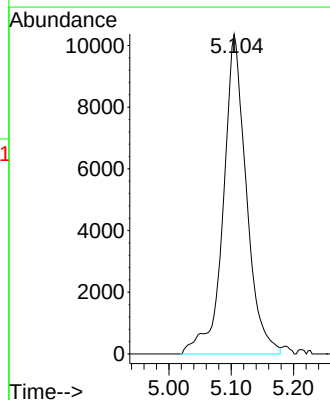
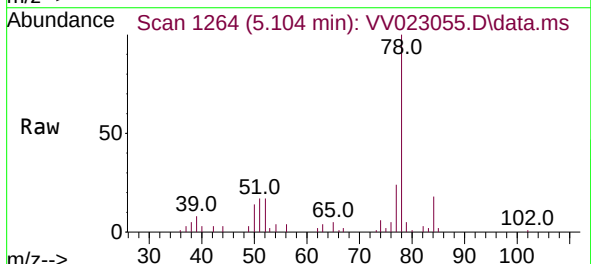
Instrument :
MSVOA_V
ClientSampleId :
BFGF3

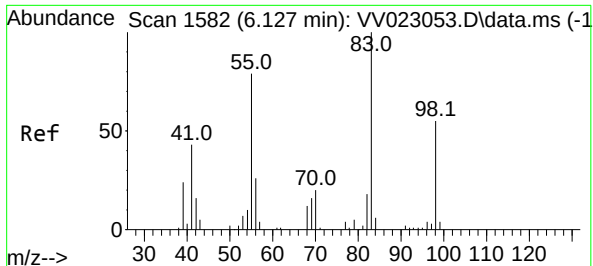
Tgt Ion: 84 Resp: 3313
Ion Ratio Lower Upper
84 100
86 61.1 42.3 78.5
49 107.5 79.7 148.1



#33
Benzene
Concen: 0.807 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.010 min
Lab File: VV023055.D
Acq: 27 Oct 2021 14:03

Tgt Ion: 78 Resp: 26608

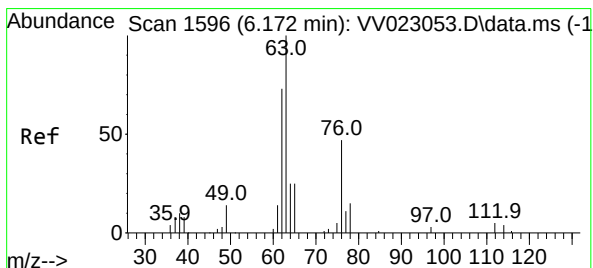
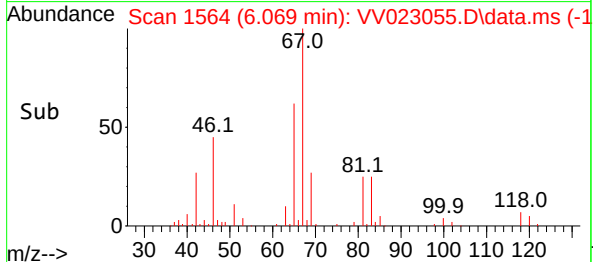
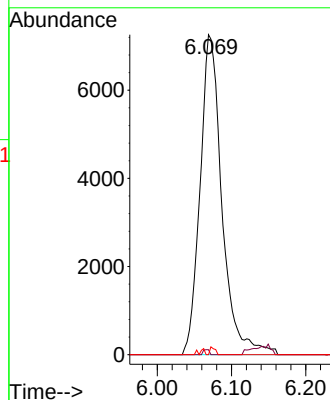
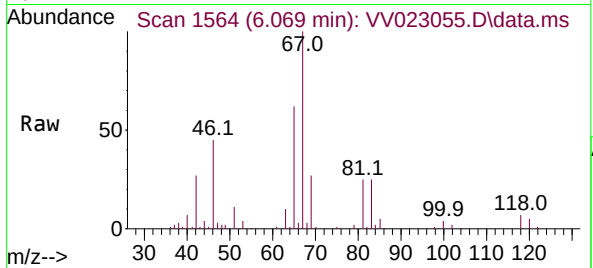




#35
Methylcyclohexane
Concen: 1.253 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV023055.D
Acq: 27 Oct 2021 14:03

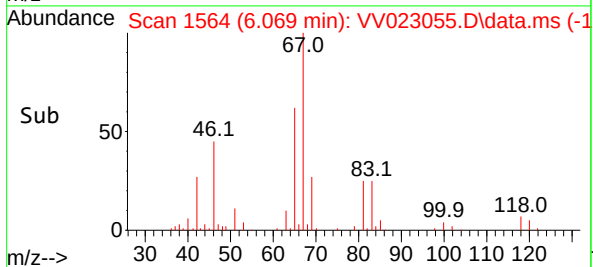
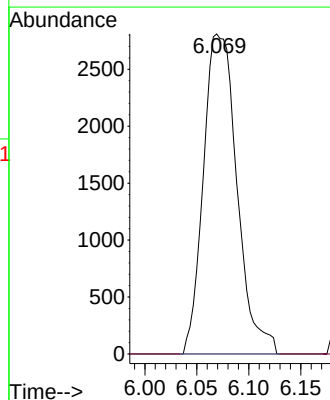
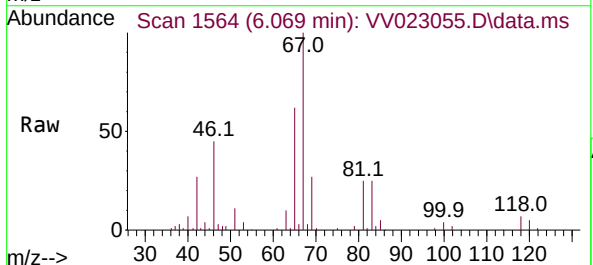
Instrument :
MSVOA_V
ClientSampleId :
BFGF3

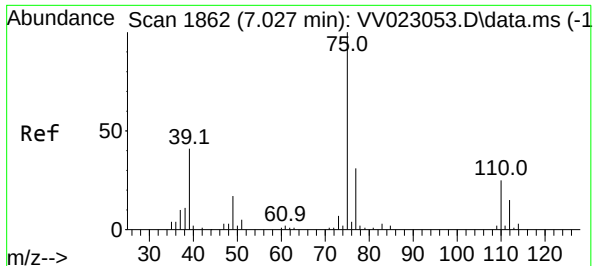
Tgt Ion: 83 Resp: 14857
Ion Ratio Lower Upper
83 100
55 0.4 62.8 94.2#
98 0.6 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.762 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.103 min
Lab File: VV023055.D
Acq: 27 Oct 2021 14:03

Tgt Ion: 63 Resp: 6333
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.132 ug/L

RT: 6.992 min Scan# 1862

Delta R.T. -0.035 min

Lab File: VV023055.D

Acq: 27 Oct 2021 14:03

Instrument :

MSVOA_V

ClientSampleId :

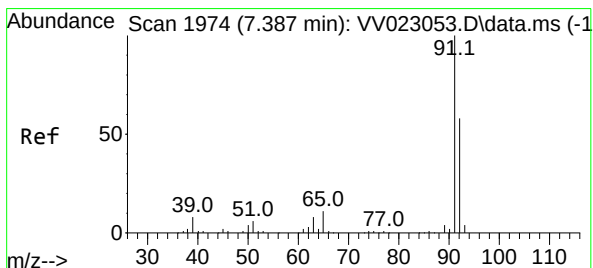
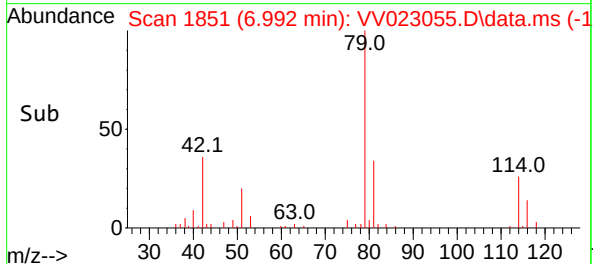
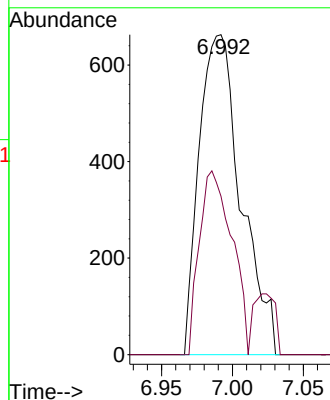
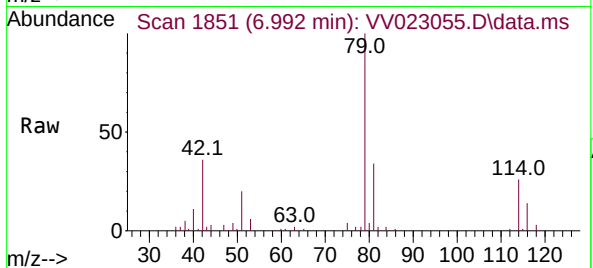
BFGF3

Tgt Ion: 75 Resp: 1364

Ion Ratio Lower Upper

75 100

77 49.5 21.6 40.2#



#42

Toluene

Concen: 6.938 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV023055.D

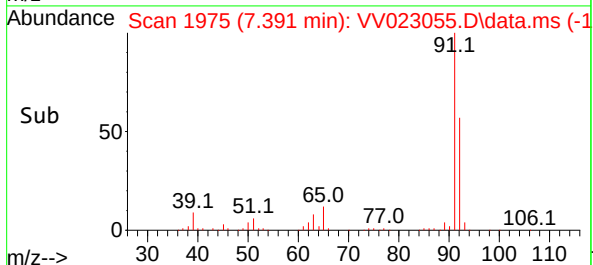
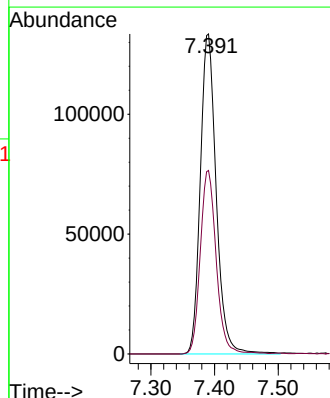
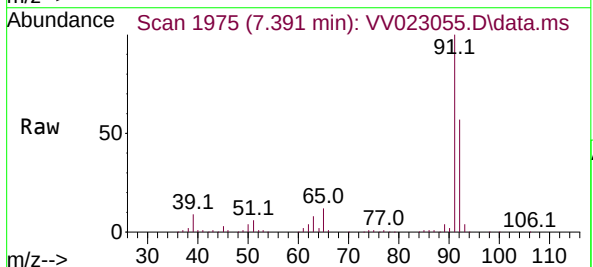
Acq: 27 Oct 2021 14:03

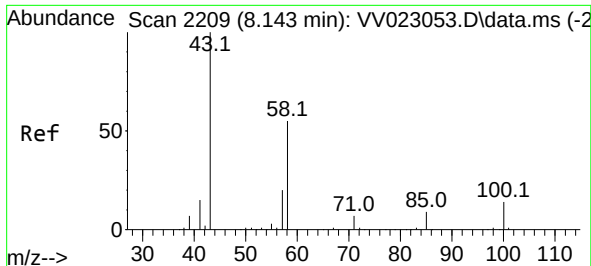
Tgt Ion: 91 Resp: 231799

Ion Ratio Lower Upper

91 100

92 57.3 39.3 72.9

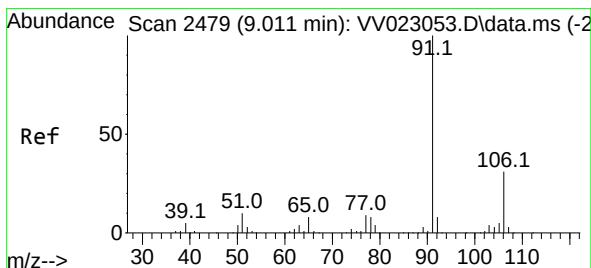
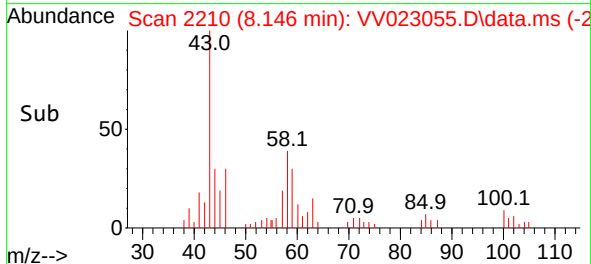
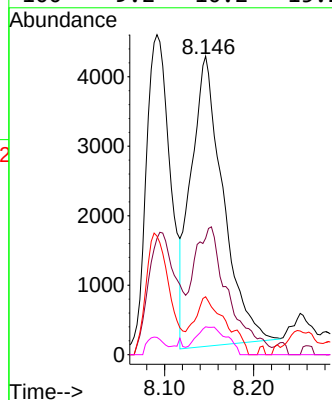
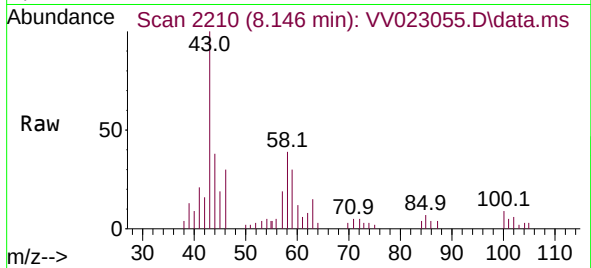




#48
2-Hexanone
Concen: 3.606 ug/L
RT: 8.146 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023055.D
Acq: 27 Oct 2021 14:03

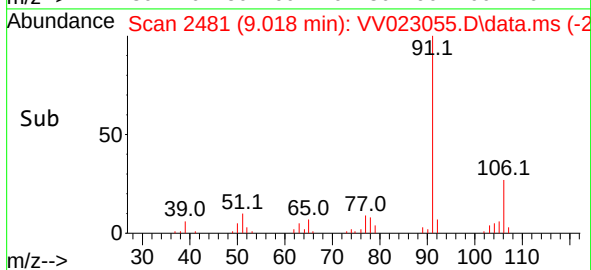
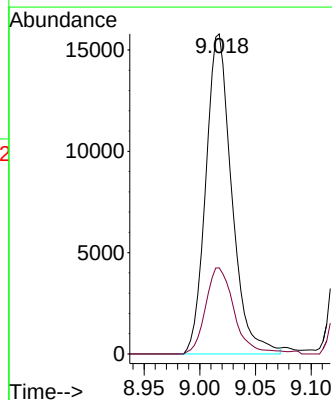
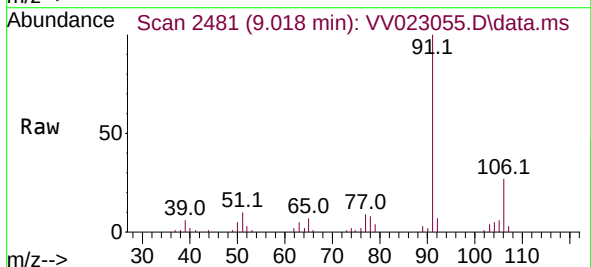
Instrument :
MSVOA_V
ClientSampleId :
BFGF3

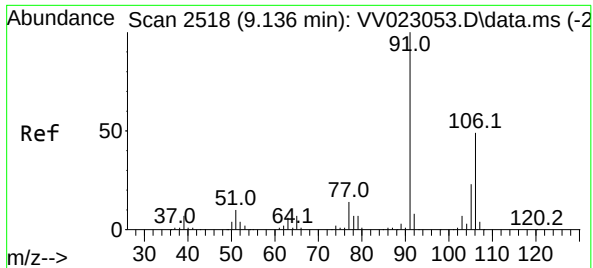
Tgt Ion: 43	Resp: 10472
Ion Ratio	Lower Upper
43 100	
58 47.6	43.7 65.5
57 19.5	14.1 21.1
100 9.2	10.2 15.2#



#52
Ethylbenzene
Concen: 0.772 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.006 min
Lab File: VV023055.D
Acq: 27 Oct 2021 14:03

Tgt Ion: 91	Resp: 25588
Ion Ratio	Lower Upper
91 100	
106 26.9	22.5 41.9

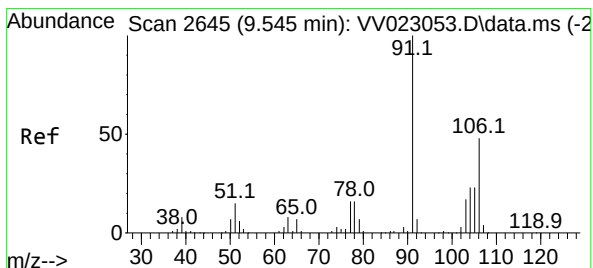
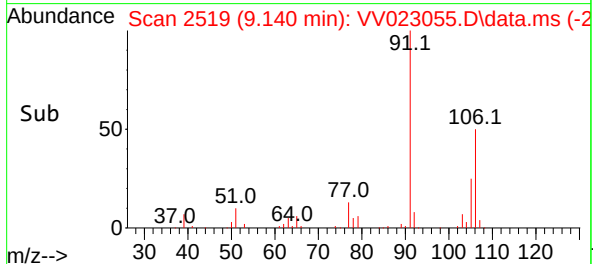
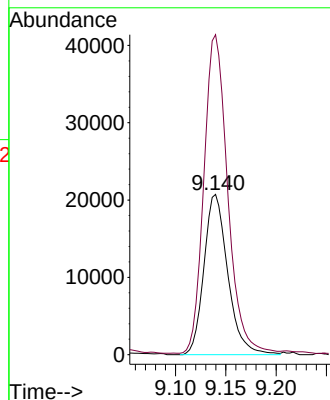
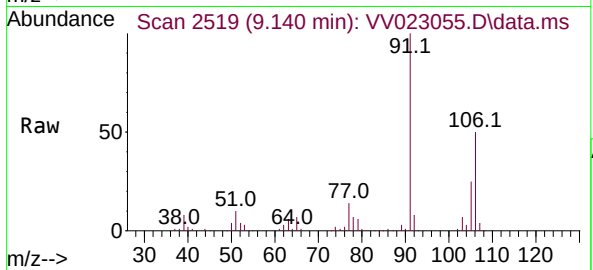




#53
m,p-xylene
Concen: 2.573 ug/L
RT: 9.140 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV023055.D
Acq: 27 Oct 2021 14:03

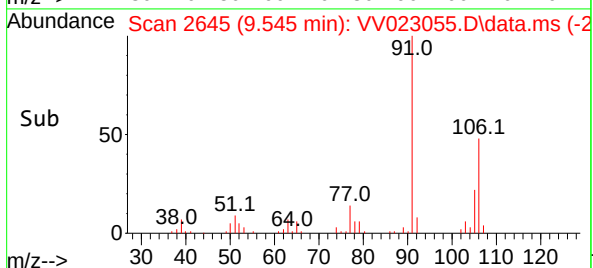
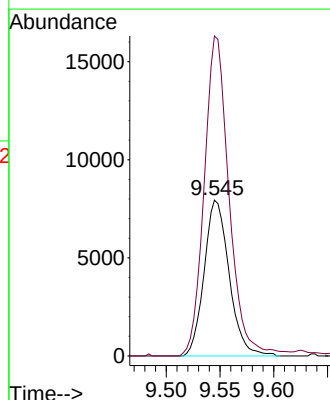
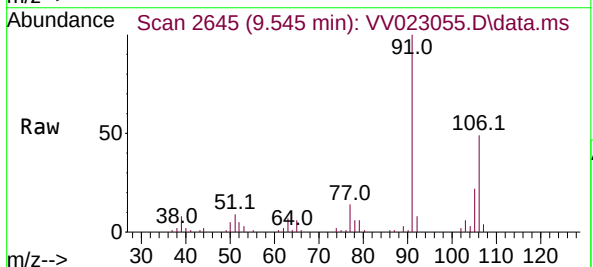
Instrument :
MSVOA_V
ClientSampleId :
BFGF3

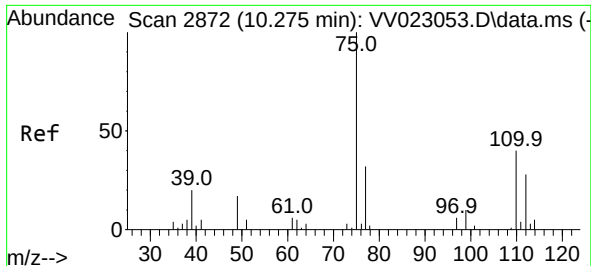
Tgt Ion:106 Resp: 34217
Ion Ratio Lower Upper
106 100
91 199.6 137.2 254.8



#54
o-xylene
Concen: 1.027 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV023055.D
Acq: 27 Oct 2021 14:03

Tgt Ion:106 Resp: 12853
Ion Ratio Lower Upper
106 100
91 205.4 148.3 275.5





#61

1,2,3-Trichloropropane

Concen: 0.068 ug/L

RT: 9.551 min Scan# 2

Delta R.T. -0.723 min

Lab File: VV023055.D

Acq: 27 Oct 2021 14:03

Instrument :

MSVOA_V

ClientSampleId :

BFGF3

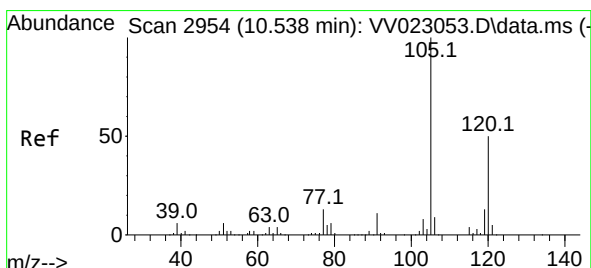
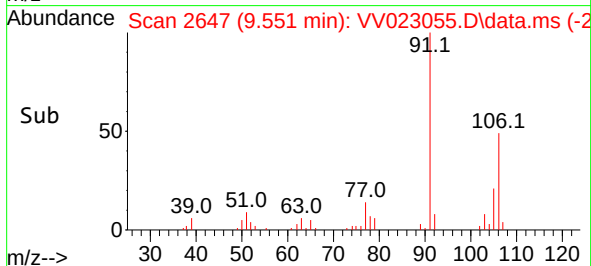
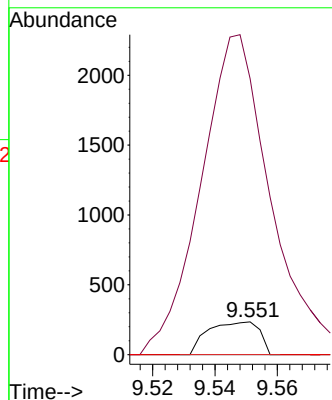
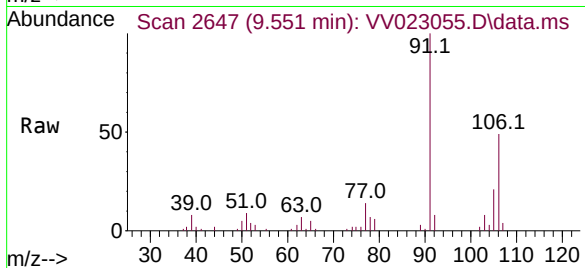
Tgt Ion: 75 Resp: 268

Ion Ratio Lower Upper

75 100

77 1320.9 26.6 39.8#

110 0.0 31.8 47.6#



#62

1,3,5-Trimethylbenzene

Concen: 0.123 ug/L

RT: 10.542 min Scan# 2955

Delta R.T. 0.003 min

Lab File: VV023055.D

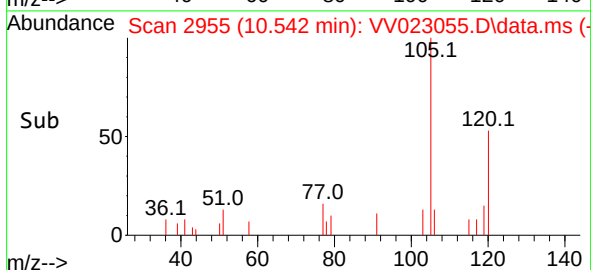
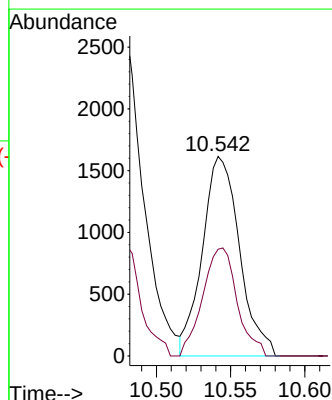
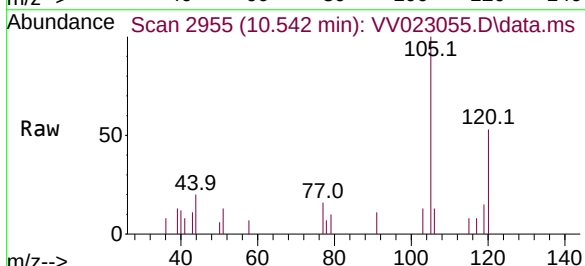
Acq: 27 Oct 2021 14:03

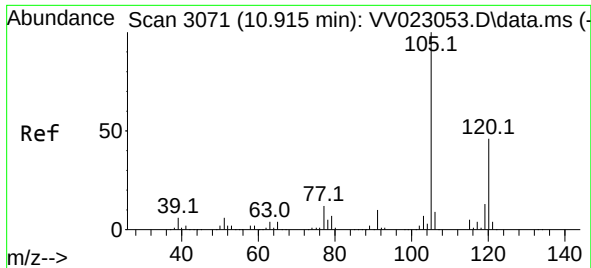
Tgt Ion: 105 Resp: 2807

Ion Ratio Lower Upper

105 100

120 50.3 39.7 59.5

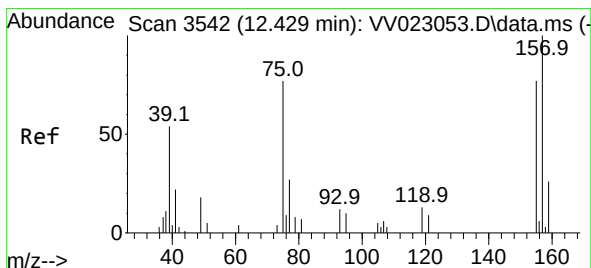
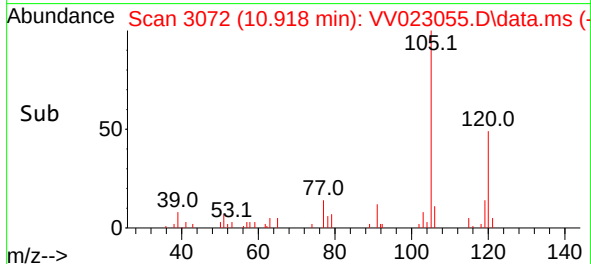
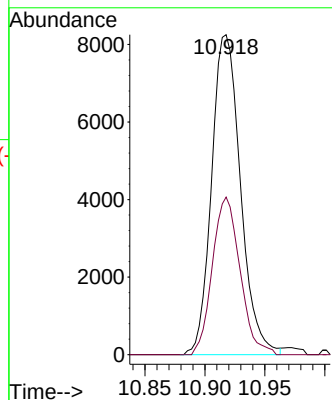
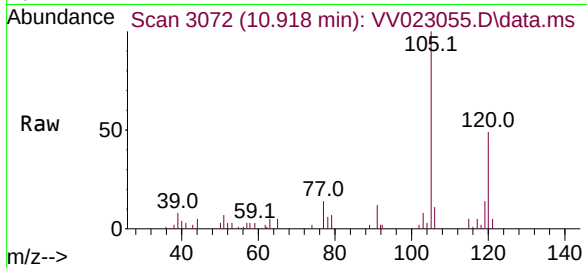




#63
 1,2,4-Trimethylbenzene
 Concen: 0.609 ug/L
 RT: 10.918 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV023055.D
 Acq: 27 Oct 2021 14:03

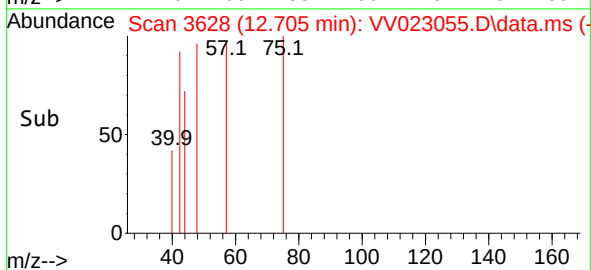
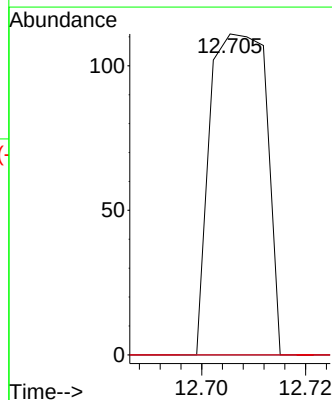
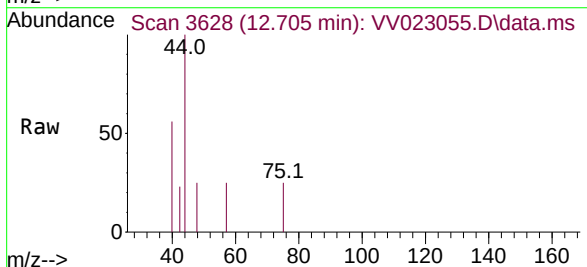
Instrument :
 MSVOA_V
 ClientSampleId :
 BFGF3

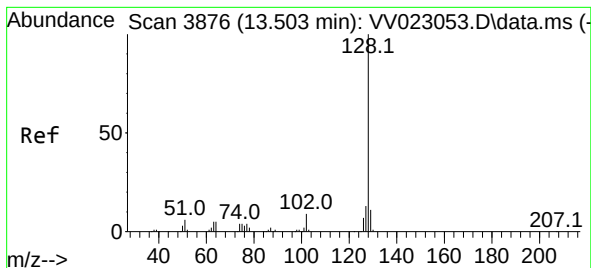
Tgt Ion:105 Resp: 13821
 Ion Ratio Lower Upper
 105 100
 120 47.1 37.4 56.2



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.107 ug/L
 RT: 12.705 min Scan# 3628
 Delta R.T. 0.277 min
 Lab File: VV023055.D
 Acq: 27 Oct 2021 14:03

Tgt Ion: 75 Resp: 83
 Ion Ratio Lower Upper
 75 100
 155 0.0 67.7 101.5#
 157 0.0 87.9 131.9#





#71

Naphthalene

Concen: 0.373 ug/L

RT: 13.509 min Scan# 3878

Delta R.T. 0.006 min

Lab File: VV023055.D

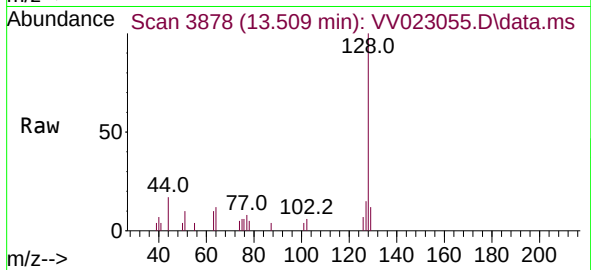
Acq: 27 Oct 2021 14:03

Instrument :

MSVOA_V

ClientSampleId :

BFGF3



Tgt Ion:	128	Resp:	4817
Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.6	13.0
127	15.9	10.5	15.7#

