

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102721\
 Data File : VW023056.D
 Acq On : 27 Oct 2021 14:25
 Operator : SY/MD
 Sample : M4278-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGF4

Quant Time: Oct 28 01:45:18 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)

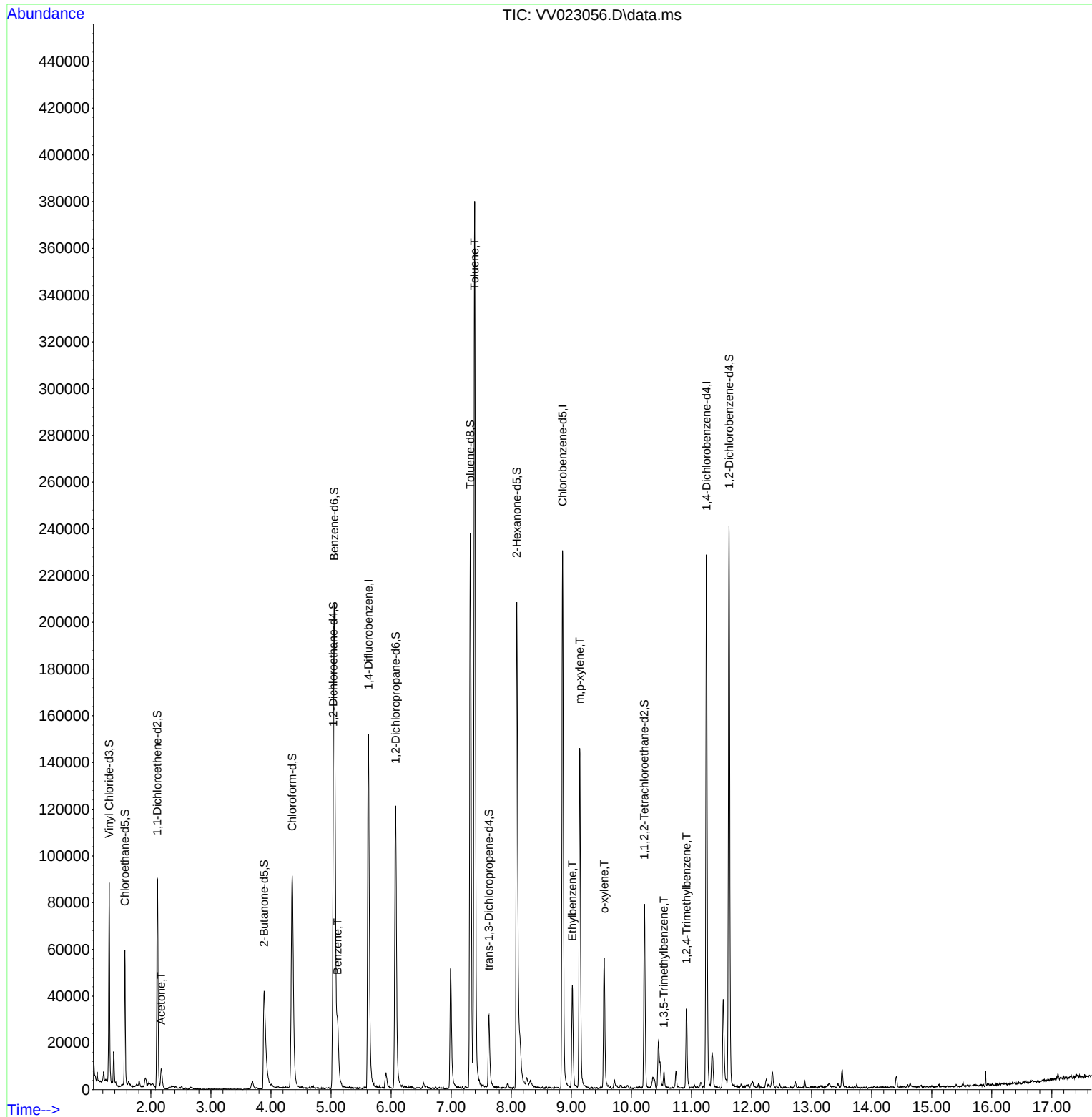
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	132863	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	134294	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59840	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	49120	4.231	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.568	69	32646	4.546	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.108	63	45641	2.725	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.600%#
20) 2-Butanone-d5	3.886	46	70528	37.870	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.740%
24) Chloroform-d	4.352	84	95872	5.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
26) 1,2-Dichloroethane-d4	5.037	65	45771	5.145	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.053	84	191025	4.872	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.076	67	61010	5.055	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.320	98	160371	4.554	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	7.629	79	18944	4.480	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.092	63	66353	42.380	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.760%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37363	4.483	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	11.628	152	63079	5.908	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.200%
Target Compounds						
					Qvalue	
13) Acetone	2.172	43	10744	11.758	ug/L	93
33) Benzene	5.108	78	30042	0.831	ug/L	100
42) Toluene	7.391	91	278921	7.616	ug/L	99
52) Ethylbenzene	9.018	91	30227	0.832	ug/L	96
53) m,p-xylene	9.140	106	41793	2.867	ug/L	96
54) o-xylene	9.548	106	15666	1.142	ug/L	96
62) 1,3,5-Trimethylbenzene	10.542	105	3393	0.140	ug/L	94
63) 1,2,4-Trimethylbenzene	10.918	105	18851	0.777	ug/L	96

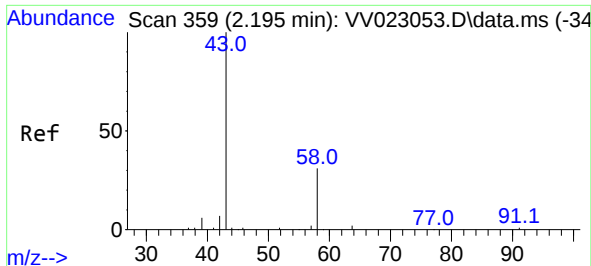
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 28 01:43:46 2021
Response via : Initial Calibration





#13

Acetone

Concen: 11.758 ug/L

RT: 2.172 min Scan# 31

Delta R.T. -0.022 min

Lab File: VV023056.D

Acq: 27 Oct 2021 14:25

Instrument :

MSVOA_V

ClientSampleId :

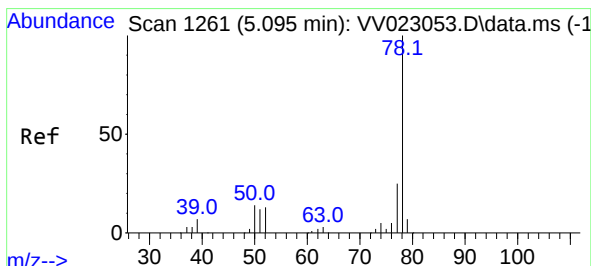
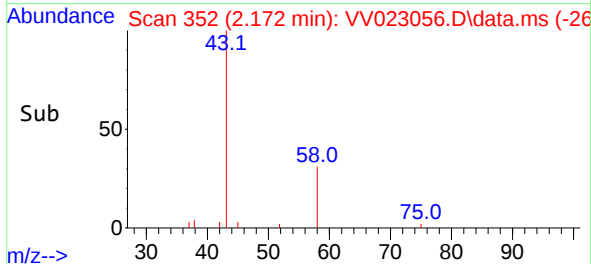
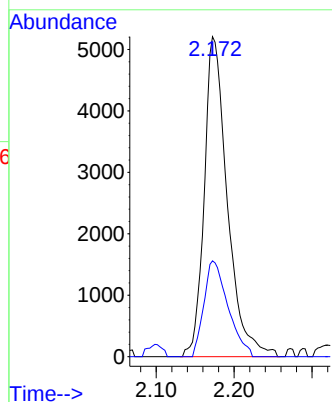
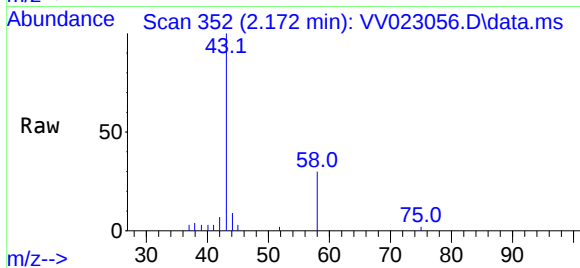
BFGF4

Tgt Ion: 43 Resp: 10744

Ion Ratio Lower Upper

43 100

58 31.2 0.0 55.4



#33

Benzene

Concen: 0.831 ug/L

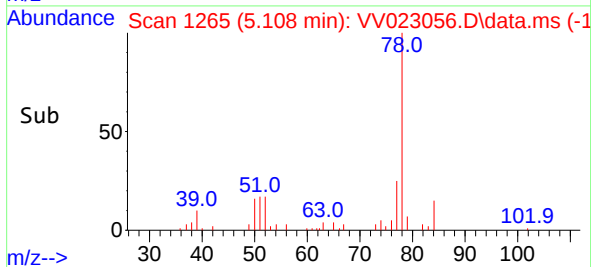
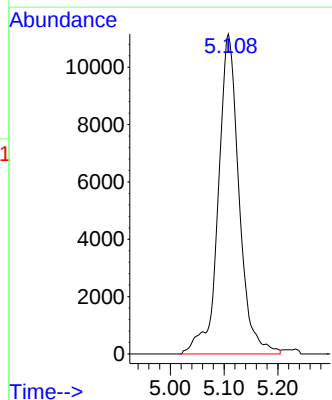
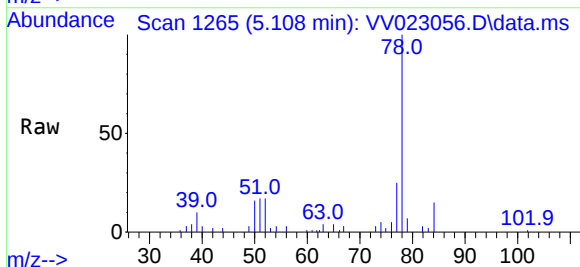
RT: 5.108 min Scan# 1265

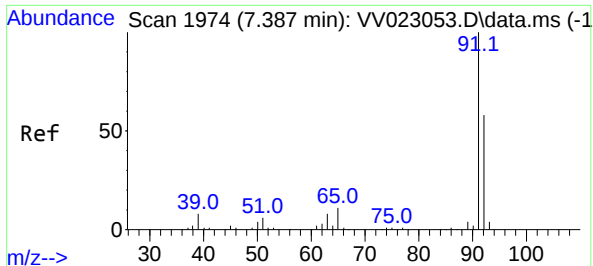
Delta R.T. 0.013 min

Lab File: VV023056.D

Acq: 27 Oct 2021 14:25

Tgt Ion: 78 Resp: 30042





#42

Toluene

Concen: 7.616 ug/L

RT: 7.391 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV023056.D

Acq: 27 Oct 2021 14:25

Instrument :

MSVOA_V

ClientSampleId :

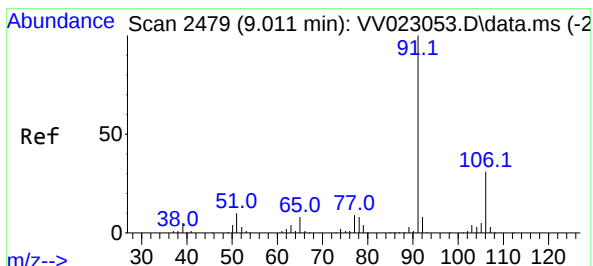
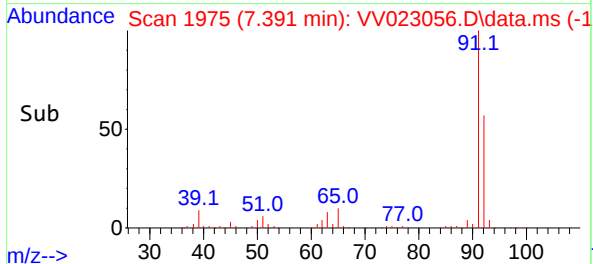
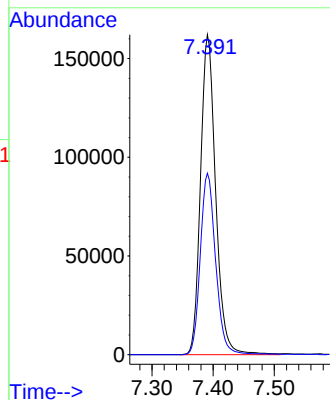
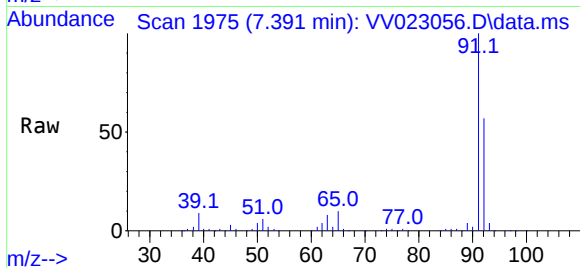
BFGF4

Tgt Ion: 91 Resp: 278921

Ion Ratio Lower Upper

91 100

92 56.7 39.3 72.9



#52

Ethylbenzene

Concen: 0.832 ug/L

RT: 9.018 min Scan# 2481

Delta R.T. 0.006 min

Lab File: VV023056.D

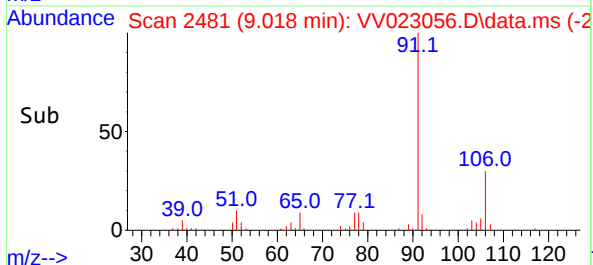
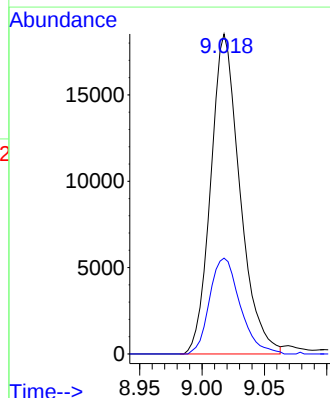
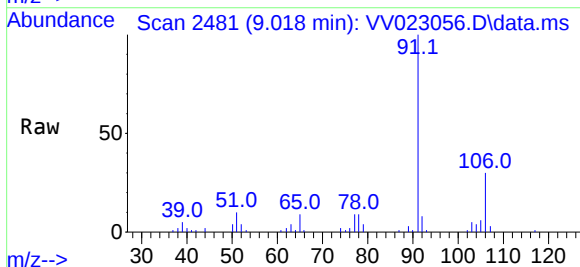
Acq: 27 Oct 2021 14:25

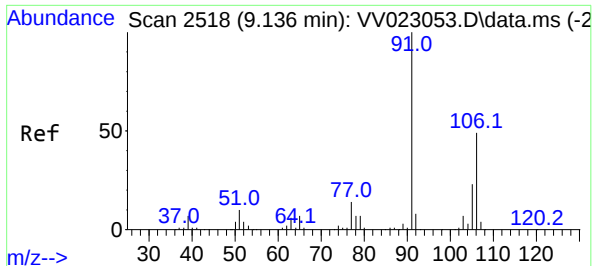
Tgt Ion: 91 Resp: 30227

Ion Ratio Lower Upper

91 100

106 29.9 22.5 41.9

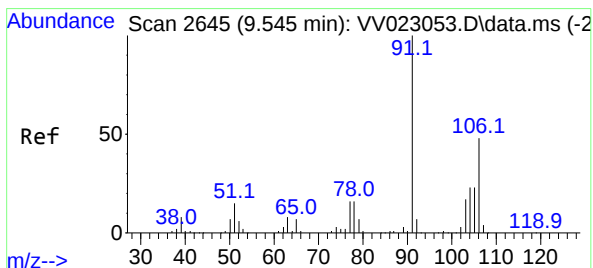
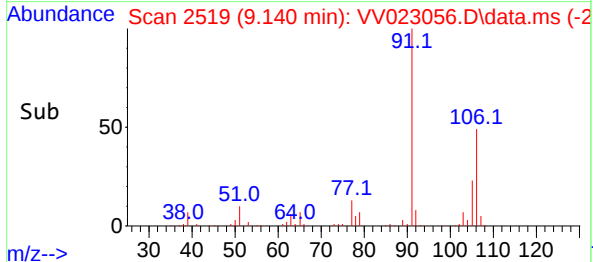
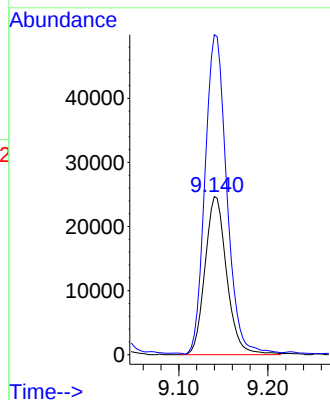
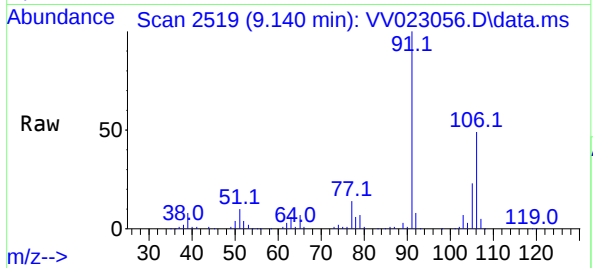




#53
m,p-xylene
Concen: 2.867 ug/L
RT: 9.140 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV023056.D
Acq: 27 Oct 2021 14:25

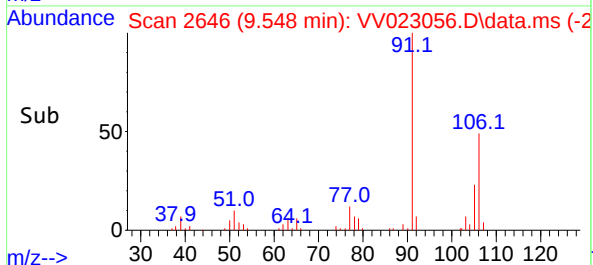
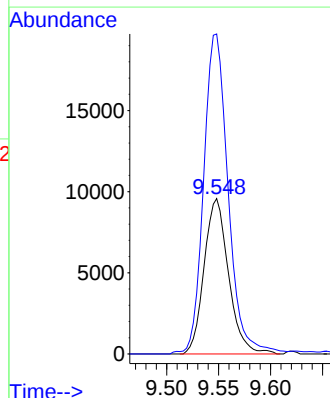
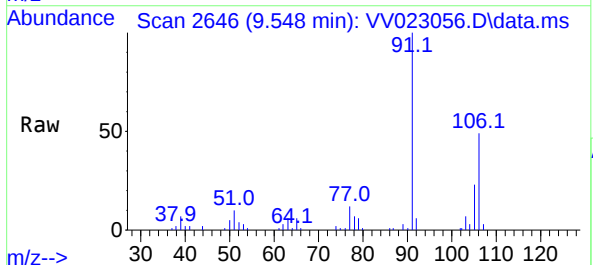
Instrument :
MSVOA_V
ClientSampleId :
BFGF4

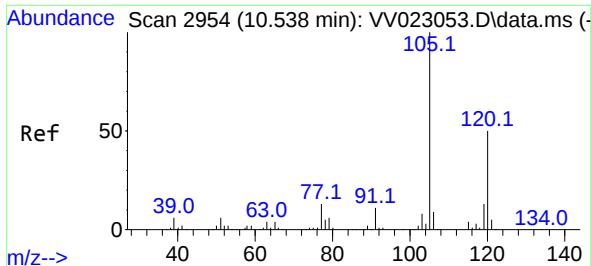
Tgt Ion:106 Resp: 41793
Ion Ratio Lower Upper
106 100
91 202.3 137.2 254.8



#54
o-xylene
Concen: 1.142 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV023056.D
Acq: 27 Oct 2021 14:25

Tgt Ion:106 Resp: 15666
Ion Ratio Lower Upper
106 100
91 206.0 148.3 275.5





#62

1,3,5-Trimethylbenzene

Concen: 0.140 ug/L

RT: 10.542 min Scan# 2954

Delta R.T. 0.003 min

Lab File: VV023056.D

Acq: 27 Oct 2021 14:25

Instrument :

MSVOA_V

ClientSampleId :

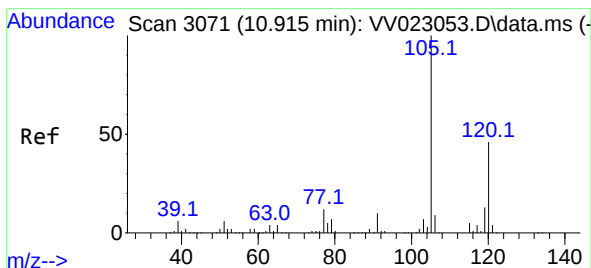
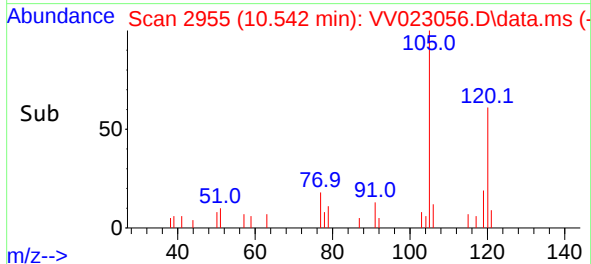
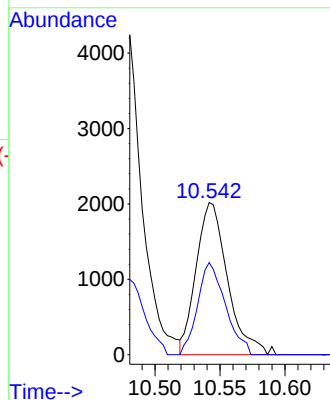
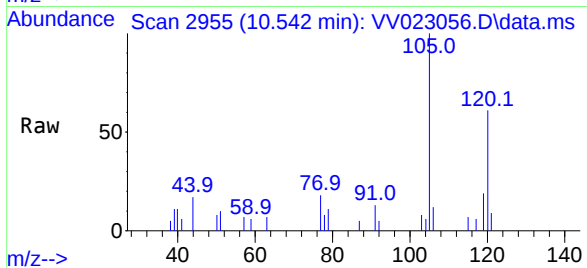
BFGF4

Tgt Ion:105 Resp: 3393

Ion Ratio Lower Upper

105 100

120 53.7 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 0.777 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.003 min

Lab File: VV023056.D

Acq: 27 Oct 2021 14:25

Tgt Ion:105 Resp: 18851

Ion Ratio Lower Upper

105 100

120 43.8 37.4 56.2

