

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

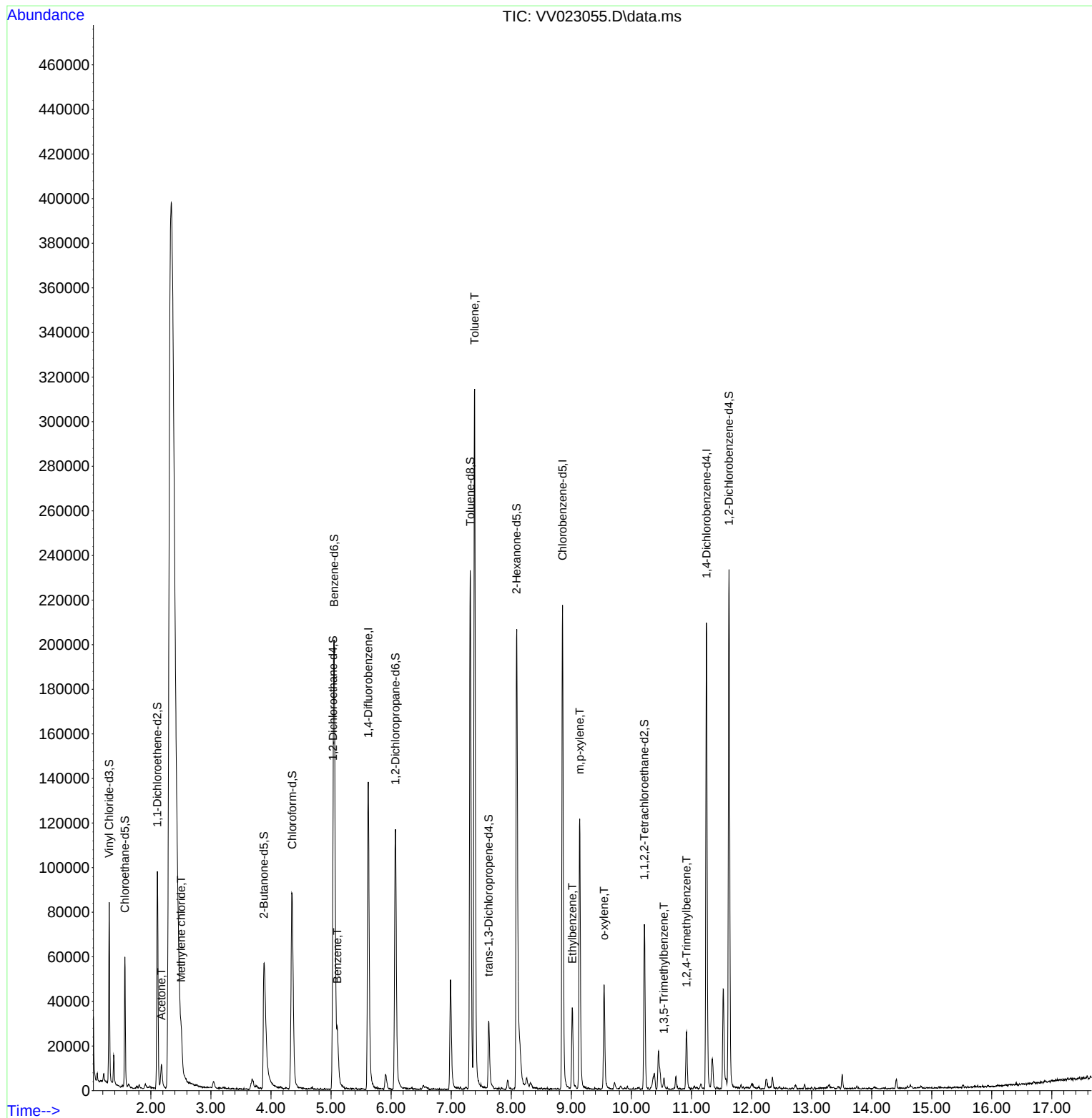
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	122649	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	122509	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55993	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	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	
13) Acetone	2.175	43	14289	16.941	ug/L	90
16) Methylene chloride	2.507	84	3313	0.480	ug/L	96
33) Benzene	5.104	78	26608	0.807	ug/L	100
42) Toluene	7.391	91	231799	6.938	ug/L	98
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
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

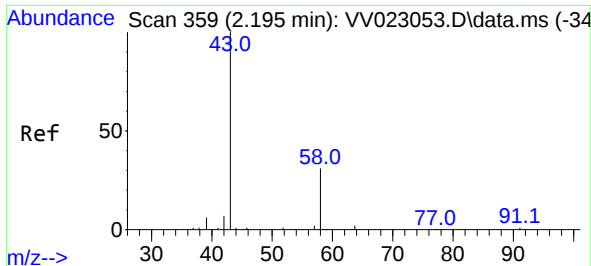
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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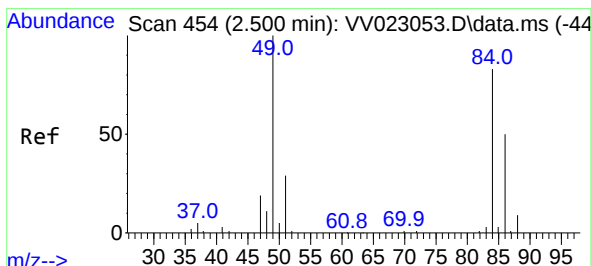
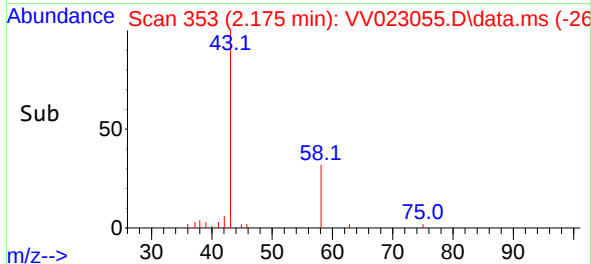
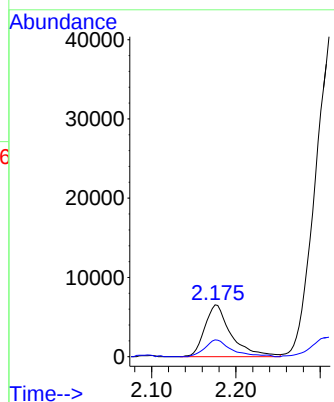
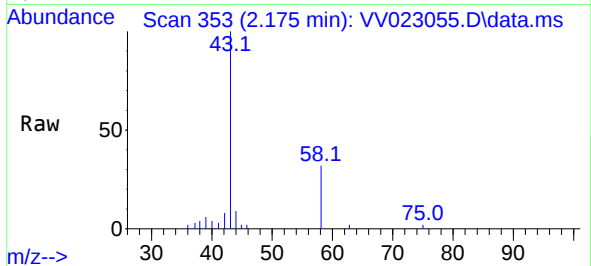




#13
Acetone
Concen: 16.941 ug/L
RT: 2.175 min Scan# 31
Delta R.T. -0.019 min
Lab File: VV023055.D
Acq: 27 Oct 2021 14:03

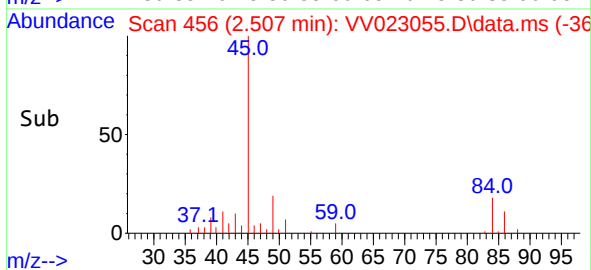
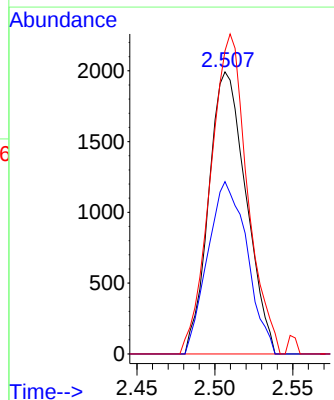
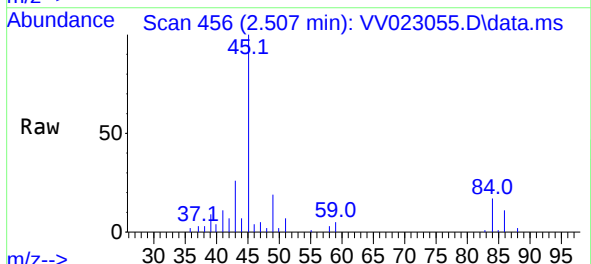
Instrument :
MSVOA_V
ClientSampleId :
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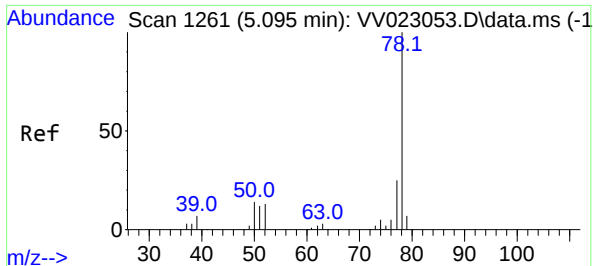
Tgt Ion: 43 Resp: 14289
Ion Ratio Lower Upper
43 100
58 32.7 0.0 55.4



#16
Methylene chloride
Concen: 0.480 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.006 min
Lab File: VV023055.D
Acq: 27 Oct 2021 14:03

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

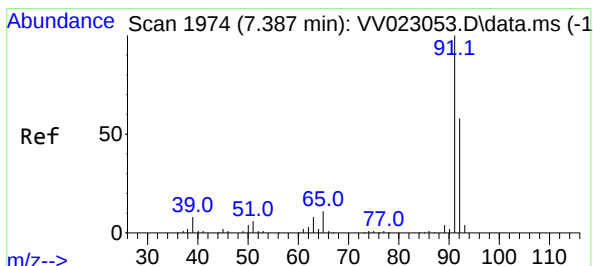
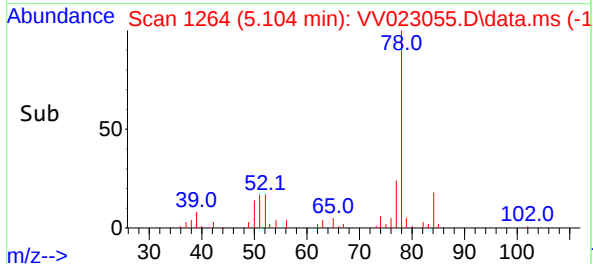
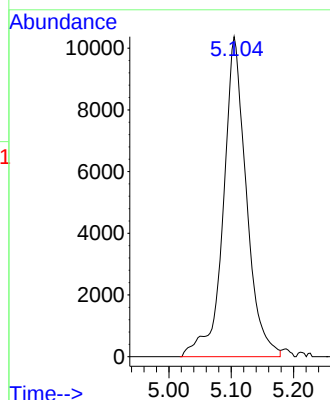
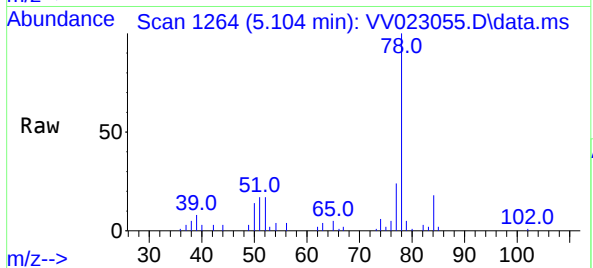




#33
Benzene
Concen: 0.807 ug/L
RT: 5.104 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV023055.D
Acq: 27 Oct 2021 14:03

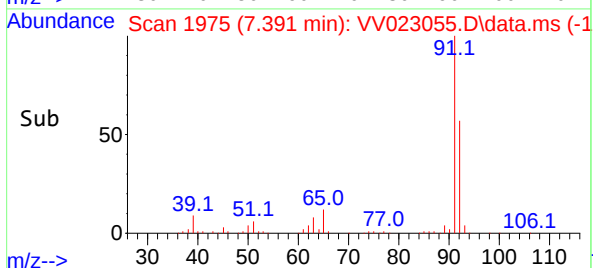
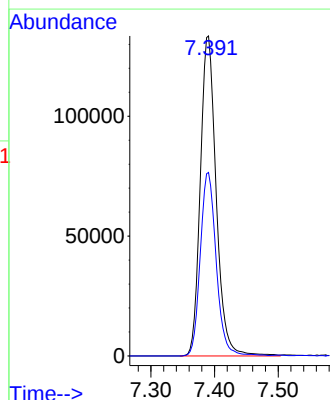
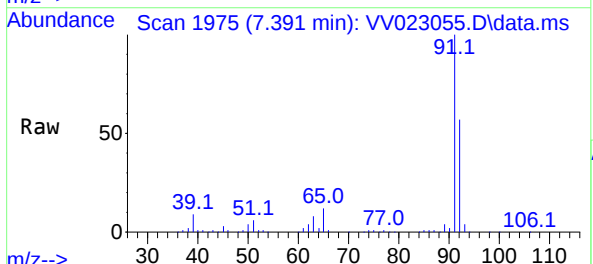
Instrument :
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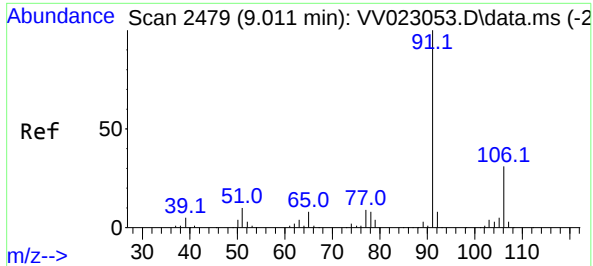
Tgt Ion: 78 Resp: 26608



#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

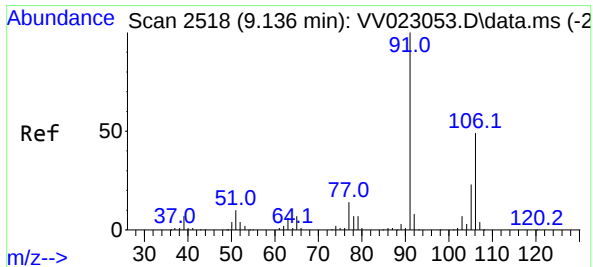
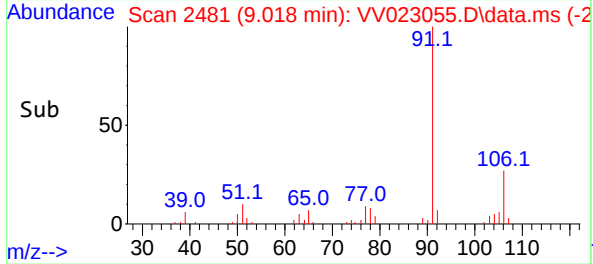
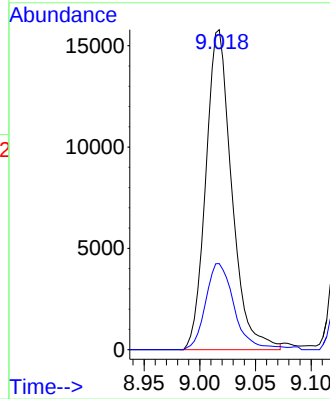
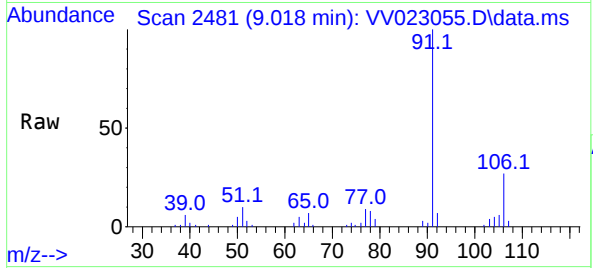




#52
Ethylbenzene
Concen: 0.772 ug/L
RT: 9.018 min Scan# 2479
Delta R.T. 0.006 min
Lab File: VV023055.D
Acq: 27 Oct 2021 14:03

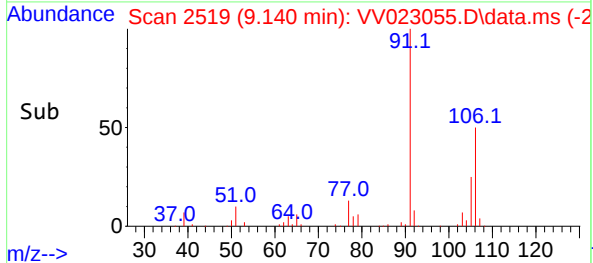
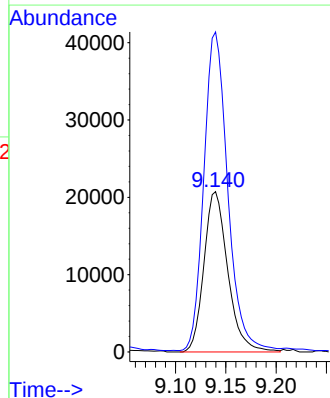
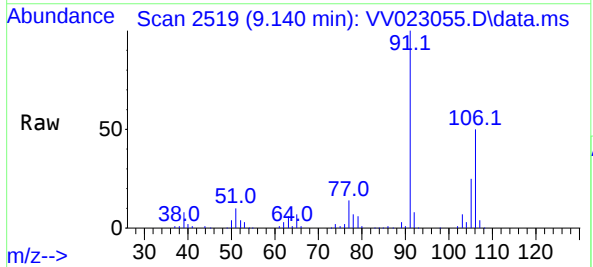
Instrument :
MSVOA_V
ClientSampleId :
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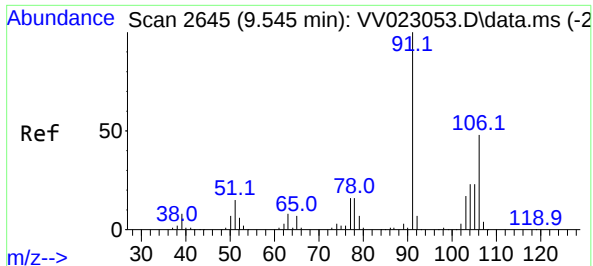
Tgt Ion: 91 Resp: 25588
Ion Ratio Lower Upper
91 100
106 26.9 22.5 41.9



#53
m,p-xylene
Concen: 2.573 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV023055.D
Acq: 27 Oct 2021 14:03

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

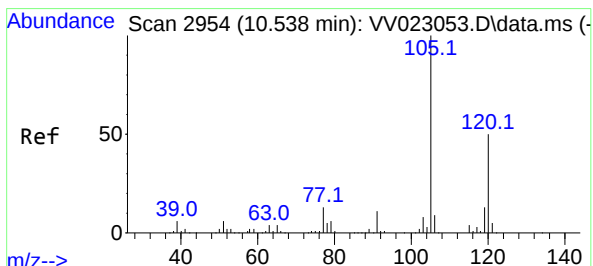
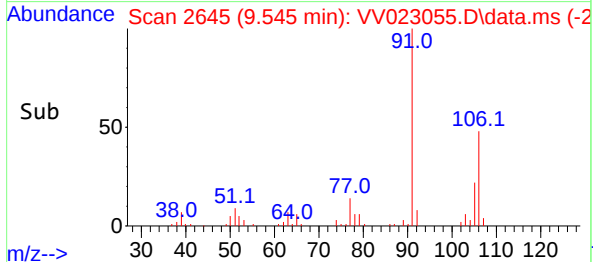
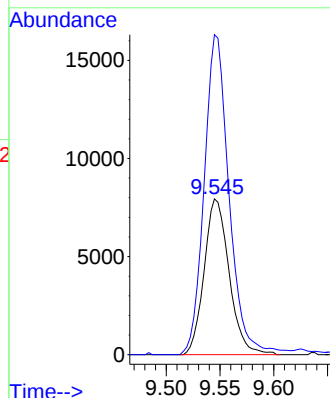
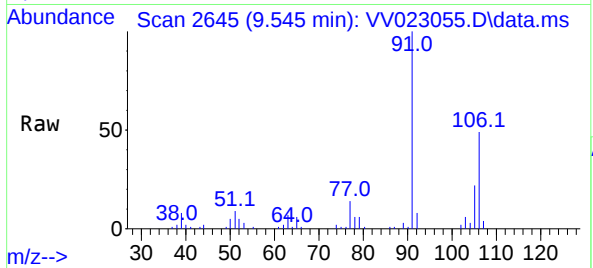




#54
o-xylene
Concen: 1.027 ug/L
RT: 9.545 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023055.D
Acq: 27 Oct 2021 14:03

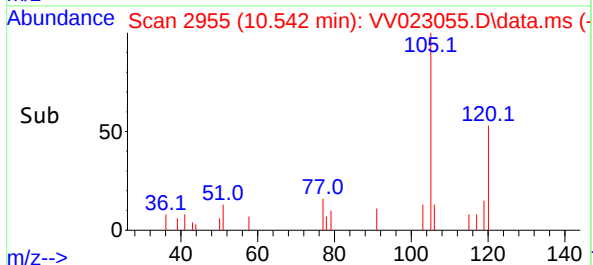
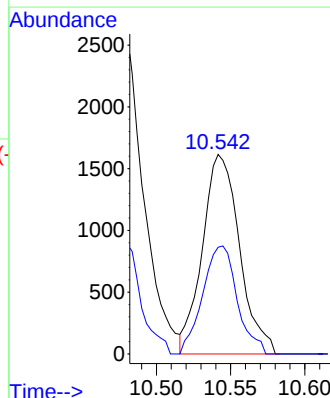
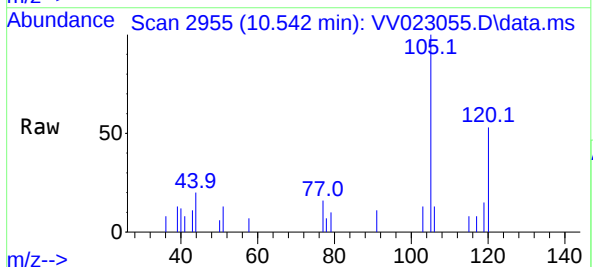
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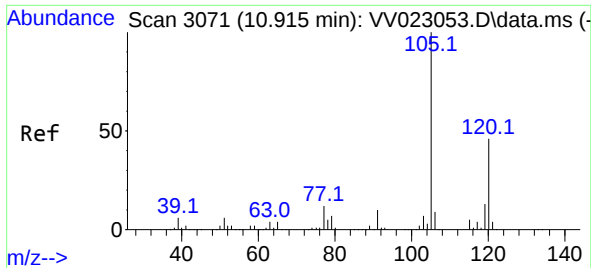
Tgt Ion:106 Resp: 12853
Ion Ratio Lower Upper
106 100
91 205.4 148.3 275.5



#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# 30

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

