

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV033023\
 Data File : VV0330369.D
 Acq On : 30 Mar 2023 19:08
 Operator : SY/MD
 Sample : 02099-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AB1

Quant Time: Mar 31 05:43:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 31 05:37:21 2023
 Response via : Initial Calibration

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

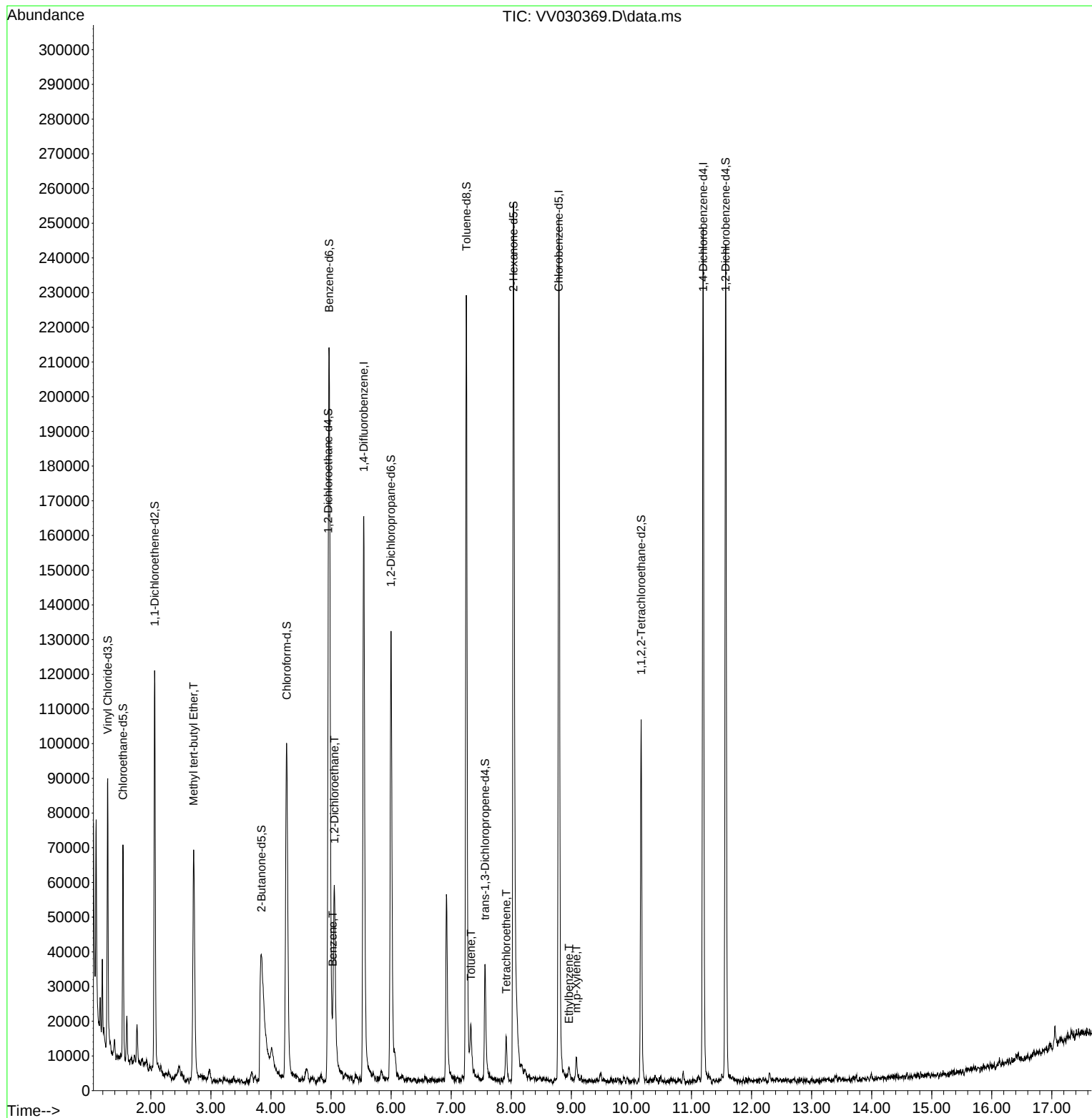
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	143654	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	138292	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	65437	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	34638	3.641	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	72.800%	
7) Chloroethane-d5	1.535	69	37717	4.085	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	81.600%	
11) 1,1-Dichloroethene-d2	2.063	63	61537	2.726	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	54.600%#	
20) 2-Butanone-d5	3.844	46	115795	47.087	ug/L	0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	94.180%	
24) Chloroform-d	4.262	84	104509	4.538	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.800%	
26) 1,2-Dichloroethane-d4	4.953	65	54913	5.054	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.000%	
32) Benzene-d6	4.969	84	184267	4.728	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.600%	
36) 1,2-Dichloropropane-d6	5.998	67	61345	5.028	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.600%	
41) Toluene-d8	7.252	98	150613	4.209	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.200%	
43) trans-1,3-Dichloroprop...	7.564	79	20845	4.538	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.800%	
46) 2-Hexanone-d5	8.037	63	97160	52.638	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	105.280%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	45760	4.759	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.200%	
66) 1,2-Dichlorobenzene-d4	11.570	152	60726	5.192	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.800%	
Target Compounds						
					Qvalue	
17) Methyl tert-butyl Ether	2.712	73	64888	2.552	ug/L	98
27) 1,2-Dichloroethane	5.056	62	51959	3.469	ug/L	96
33) Benzene	5.027	78	8484	0.173	ug/L	100
42) Toluene	7.329	91	10262	0.196	ug/L	99
47) Tetrachloroethene	7.918	164	2934	0.251	ug/L	92
52) Ethylbenzene	8.960	91	2421	0.042	ug/L	98
53) m,p-Xylene	9.085	106	1790	0.082	ug/L	92

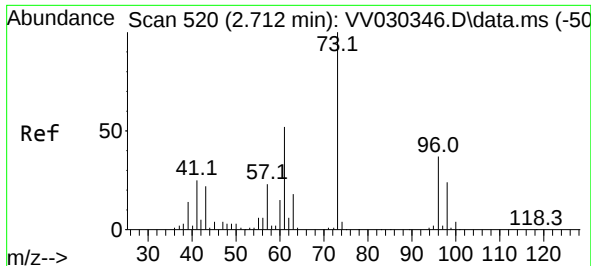
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 31 05:37:21 2023
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#17

Methyl tert-butyl Ether

Concen: 2.552 ug/L

RT: 2.712 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV030369.D

Acq: 30 Mar 2023 19:08

Instrument :

MSVOA_V

ClientSampleId :

H0AB1

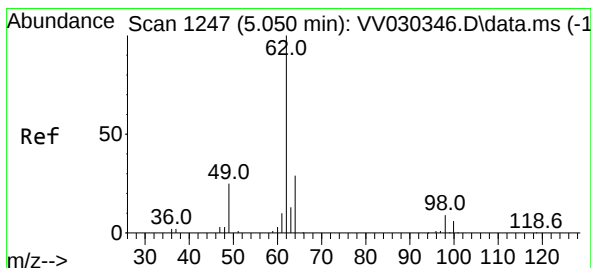
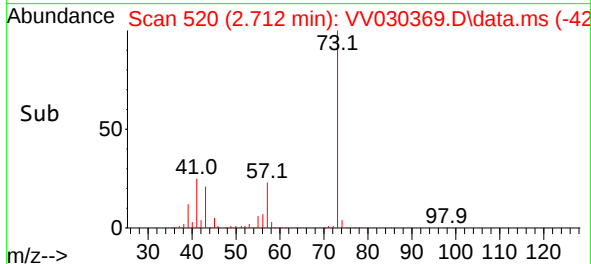
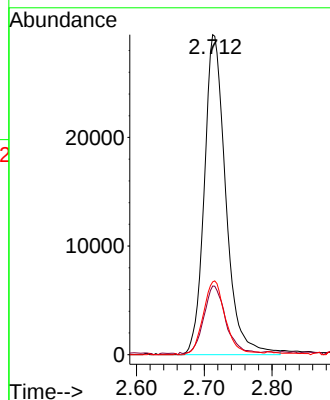
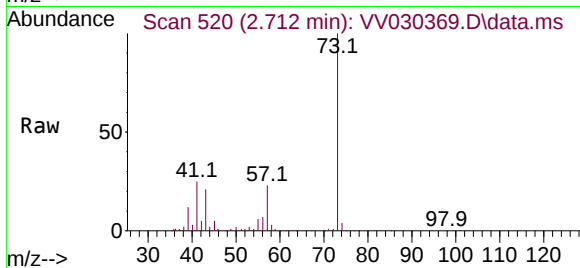
Tgt Ion: 73 Resp: 64888

Ion Ratio Lower Upper

73 100

43 22.5 17.4 26.2

57 23.8 18.3 27.5



#27

1,2-Dichloroethane

Concen: 3.469 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. 0.006 min

Lab File: VV030369.D

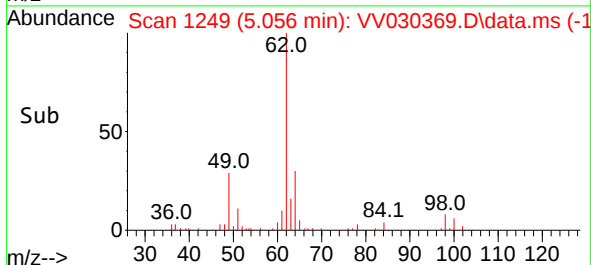
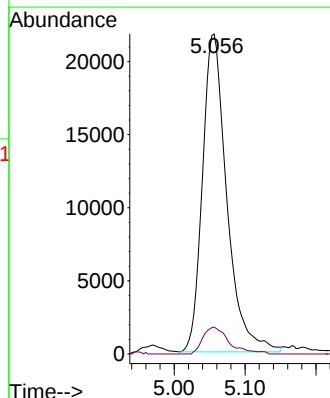
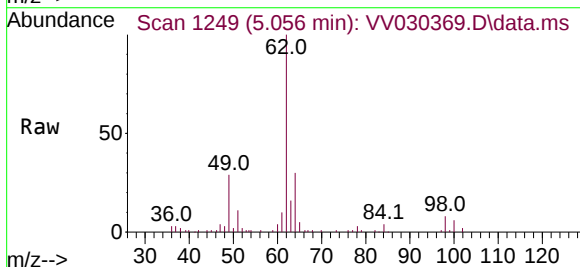
Acq: 30 Mar 2023 19:08

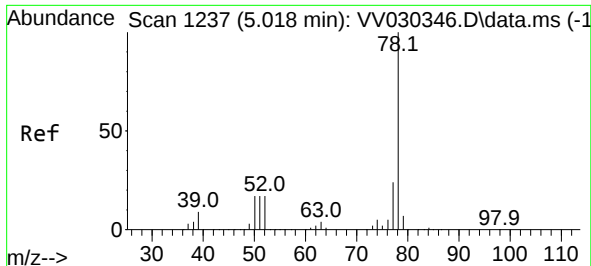
Tgt Ion: 62 Resp: 51959

Ion Ratio Lower Upper

62 100

98 8.4 7.8 11.8

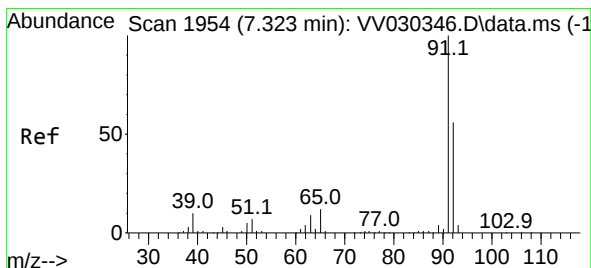
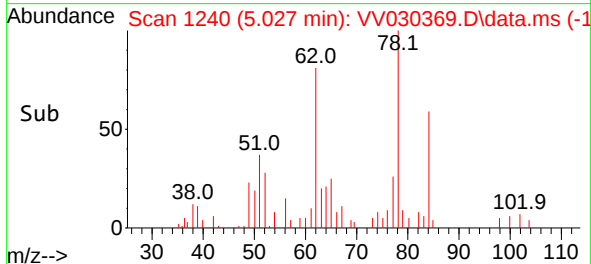
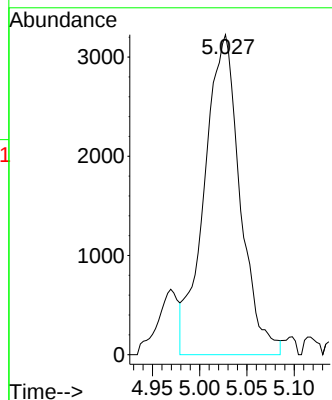
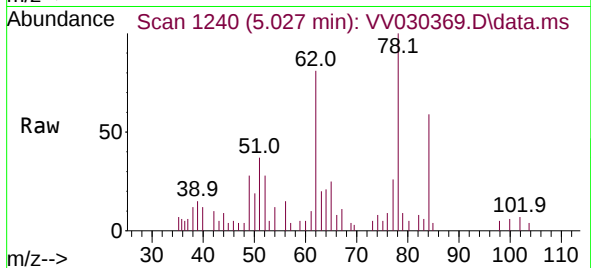




#33
Benzene
Concen: 0.173 ug/L
RT: 5.027 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV030369.D
Acq: 30 Mar 2023 19:08

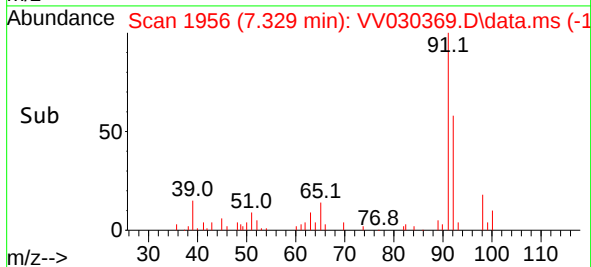
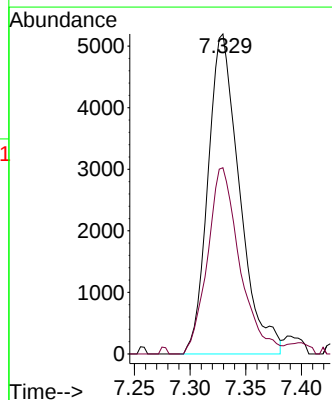
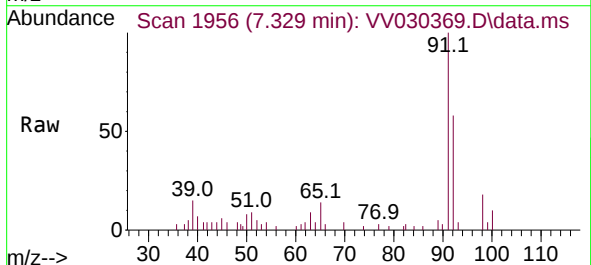
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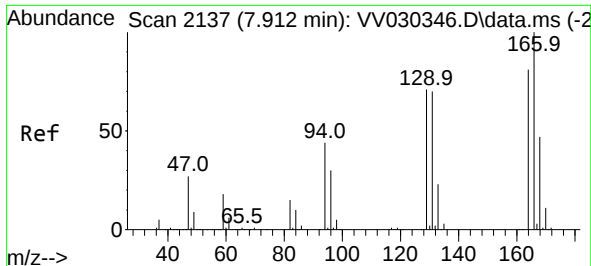
Tgt Ion: 78 Resp: 8484



#42
Toluene
Concen: 0.196 ug/L
RT: 7.329 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VV030369.D
Acq: 30 Mar 2023 19:08

Tgt Ion: 91 Resp: 10262
Ion Ratio Lower Upper
91 100
92 58.2 40.4 75.0





#47

Tetrachloroethene

Concen: 0.251 ug/L

RT: 7.918 min Scan# 2137

Delta R.T. 0.006 min

Lab File: VV030369.D

Acq: 30 Mar 2023 19:08

Instrument :

MSVOA_V

ClientSampleId :

H0AB1

Tgt Ion:164 Resp: 2934

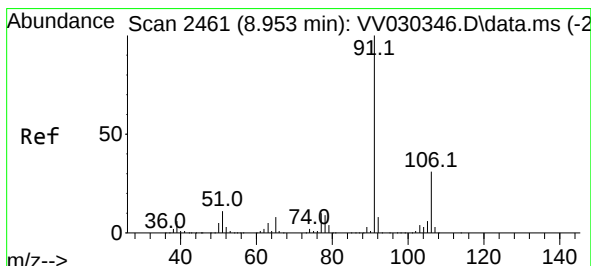
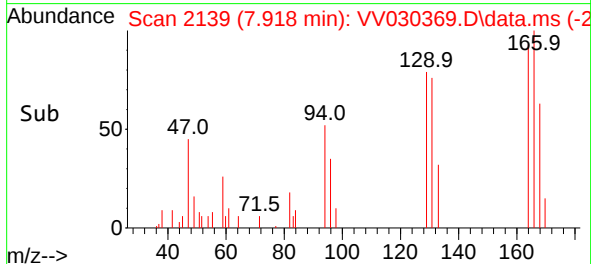
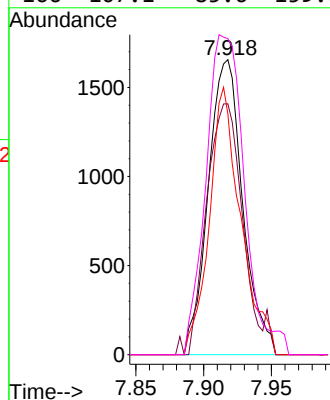
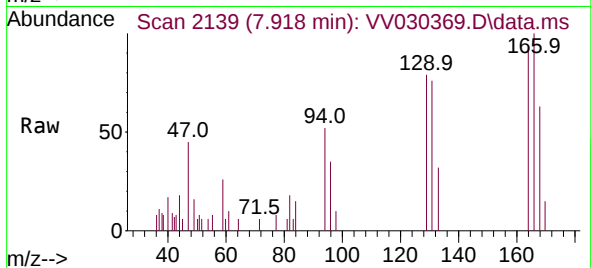
Ion Ratio Lower Upper

164 100

129 85.0 60.8 112.8

131 81.6 61.7 114.7

166 107.1 85.6 159.0



#52

Ethylbenzene

Concen: 0.042 ug/L

RT: 8.960 min Scan# 2463

Delta R.T. 0.006 min

Lab File: VV030369.D

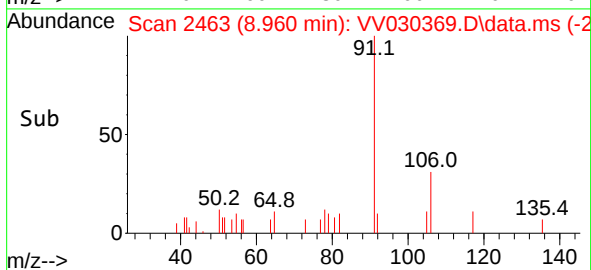
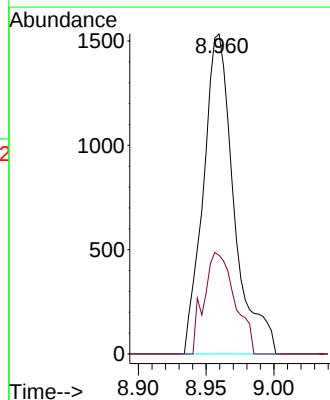
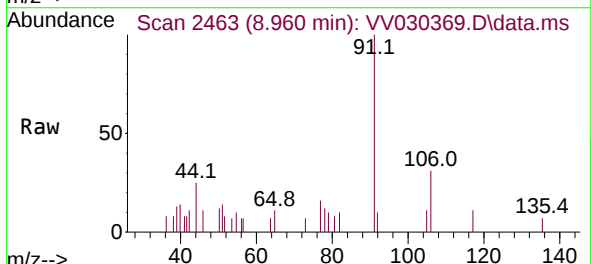
Acq: 30 Mar 2023 19:08

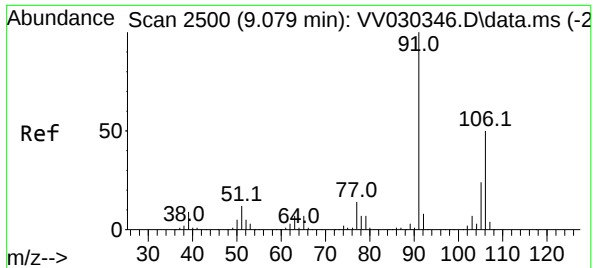
Tgt Ion: 91 Resp: 2421

Ion Ratio Lower Upper

91 100

106 30.8 22.2 41.2





#53
 m,p-Xylene
 Concen: 0.082 ug/L
 RT: 9.085 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV030369.D
 Acq: 30 Mar 2023 19:08

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AB1

Tgt Ion:106 Resp: 1790
 Ion Ratio Lower Upper
 106 100
 91 214.9 142.4 264.4

