

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102321\
 Data File : VV023009.D
 Acq On : 23 Oct 2021 14:59
 Operator : SY/MD
 Sample : M4277-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGA5

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/25/2021
 Supervised By : Mahesh Dadoda 10/25/2021

Quant Time: Oct 25 01:06:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 25 01:03:32 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	118902	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	122514	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52753	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	57386	5.523	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 110.400%		
7) Chloroethane-d5	1.568	69	36484	5.677	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 113.600%		
11) 1,1-Dichloroethene-d2	2.105	63	58740	3.919	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 78.400%		
20) 2-Butanone-d5	3.899	46	102609	61.565	ug/L	-0.05
Spiked Amount	50.000	Range 40 - 130	Recovery	= 123.120%		
24) Chloroform-d	4.352	84	94741	5.609	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 112.200%		
26) 1,2-Dichloroethane-d4	5.034	65	44054	5.533	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 110.600%		
32) Benzene-d6	5.053	84	188299	5.264	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.200%		
36) 1,2-Dichloropropane-d6	6.069	67	61498	5.585	ug/L	-0.02
Spiked Amount	5.000	Range 60 - 140	Recovery	= 111.800%		
41) Toluene-d8	7.320	98	155609	4.843	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 96.800%		
43) trans-1,3-Dichloroprop...	7.625	79	17675	4.582	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 91.600%		
46) 2-Hexanone-d5	8.092	63	77217	54.061	ug/L	-0.01
Spiked Amount	50.000	Range 45 - 130	Recovery	= 108.120%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	42150	5.544	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 110.800%		
66) 1,2-Dichlorobenzene-d4	11.625	152	57114	6.068	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 121.400%#		
Target Compounds						Qvalue
13) Acetone	2.195	43	4879m	5.967	ug/L	
17) Methyl tert-butyl Ether	2.770	73	3511	0.242	ug/L #	86
22) cis-1,2-Dichloroethene	3.915	96	6212	0.843	ug/L #	85
25) Chloroform	4.378	83	8729	0.553	ug/L	97
34) Trichloroethene	5.918	95	24507	2.959	ug/L	98
42) Toluene	7.400	91	6695	0.200	ug/L	97
47) Tetrachloroethene	7.976	164	202248	28.903	ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	2991	0.213	ug/L	93

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

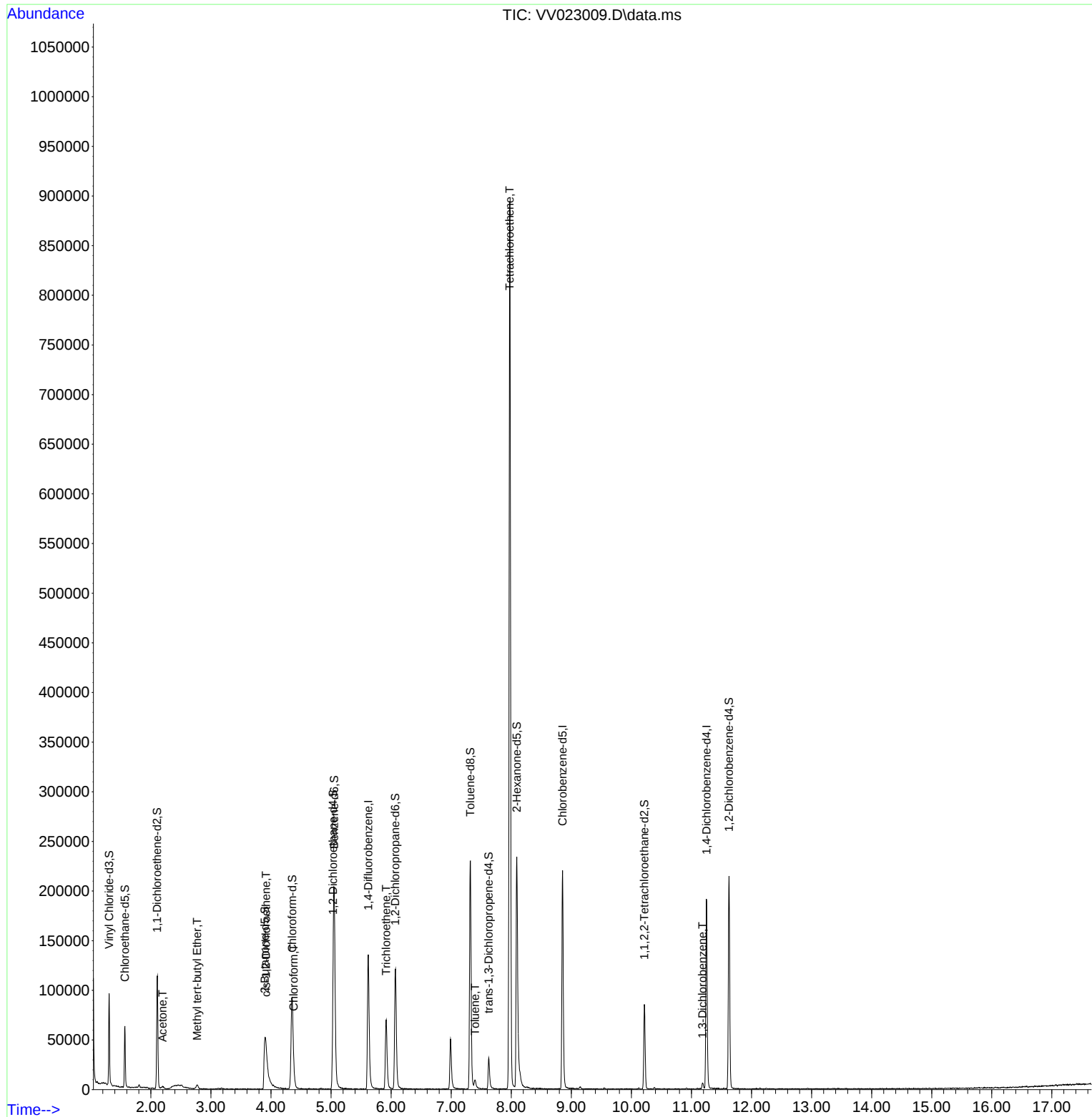
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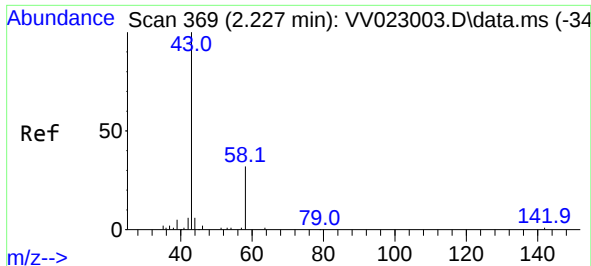
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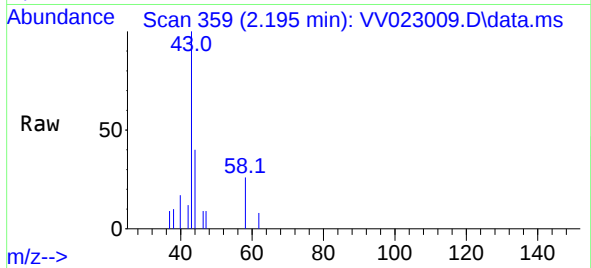
Quant Time: Oct 25 01:06:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Oct 25 01:03:32 2021
Response via : Initial Calibration





#13
Acetone
Concen: 5.967 ug/L m
RT: 2.195 min Scan# 30
Delta R.T. -0.032 min
Lab File: VV023009.D
Acq: 23 Oct 2021 14:59

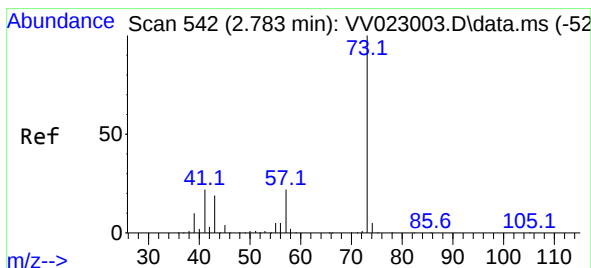
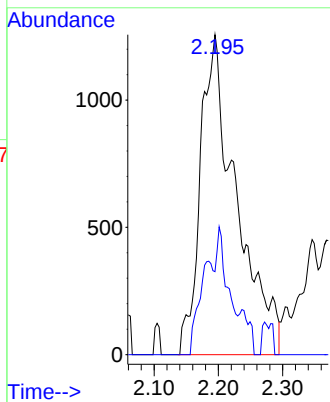
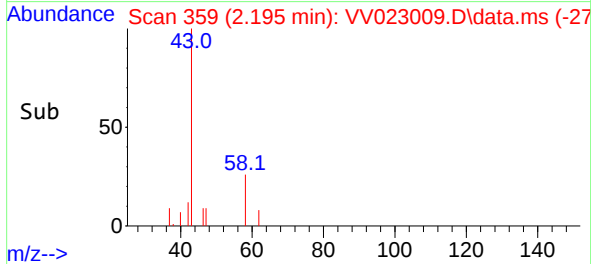
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Tgt Ion: 43 Resp: 4879
Ion Ratio Lower Upper
43 100
58 12.7 0.0 55.4

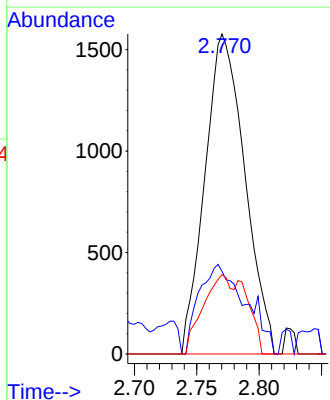
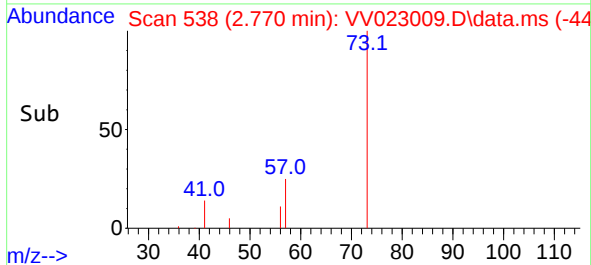
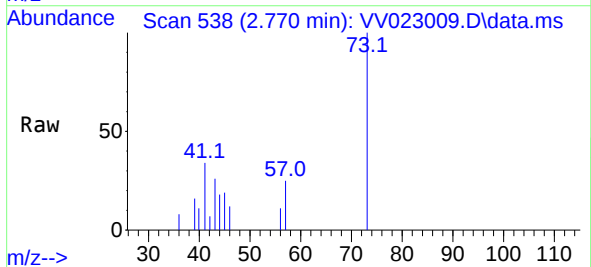
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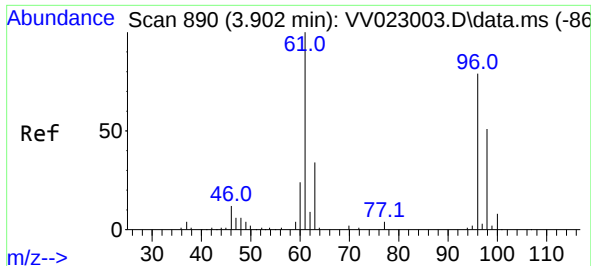
Reviewed By :John Carlone 10/25/2021
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#17
Methyl tert-butyl Ether
Concen: 0.242 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.013 min
Lab File: VV023009.D
Acq: 23 Oct 2021 14:59

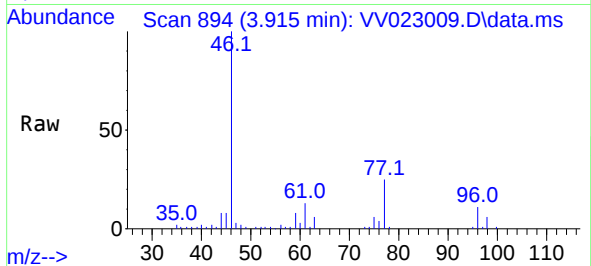
Tgt Ion: 73 Resp: 3511
Ion Ratio Lower Upper
73 100
43 32.5 17.4 26.0#
57 18.4 16.5 24.7





#22
cis-1,2-Dichloroethene
Concen: 0.843 ug/L
RT: 3.915 min Scan# 891
Delta R.T. 0.013 min
Lab File: VV023009.D
Acq: 23 Oct 2021 14:59

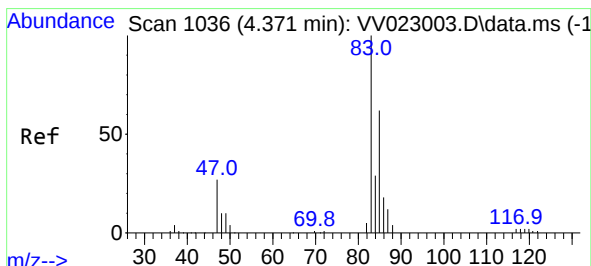
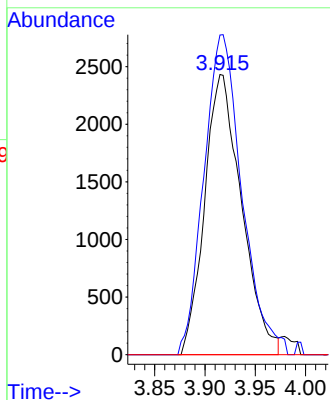
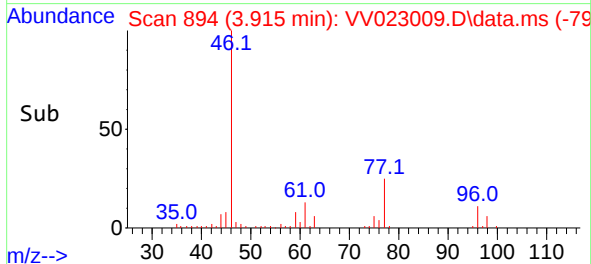
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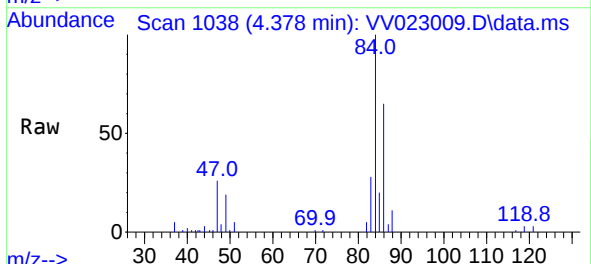
Tgt Ion: 96 Resp: 621
Ion Ratio Lower Upper
96 100
61 114.1 92.3 171.3
68 0.0 0.4 0.8

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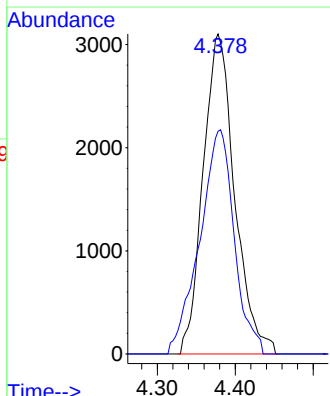
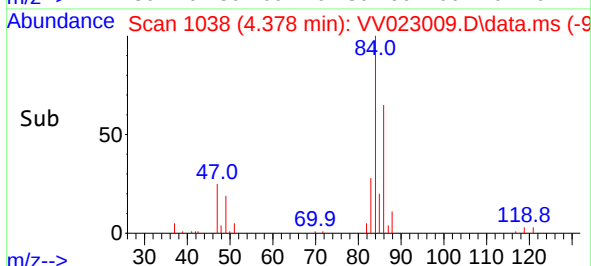
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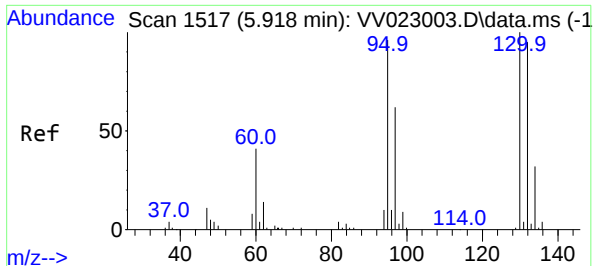


#25
Chloroform
Concen: 0.553 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VV023009.D
Acq: 23 Oct 2021 14:59



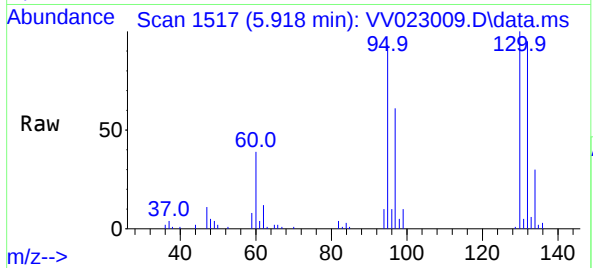
Tgt Ion: 83 Resp: 8729
Ion Ratio Lower Upper
83 100
85 69.6 46.8 86.8





#34
Trichloroethene
Concen: 2.959 ug/L
RT: 5.918 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV023009.D
Acq: 23 Oct 2021 14:59

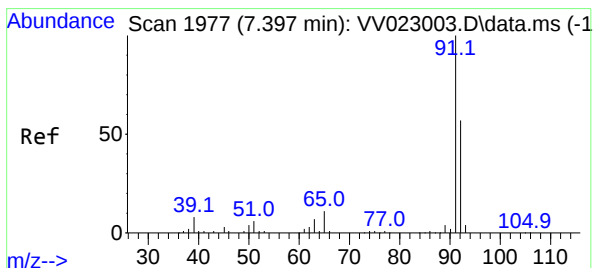
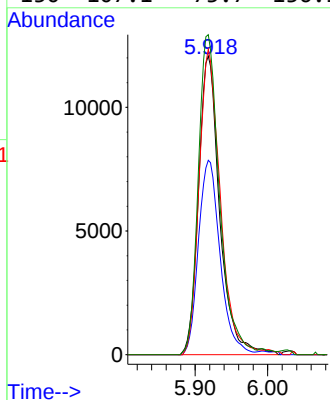
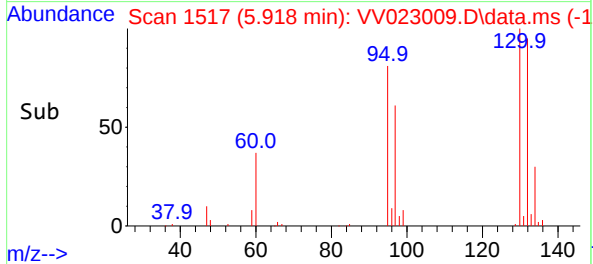
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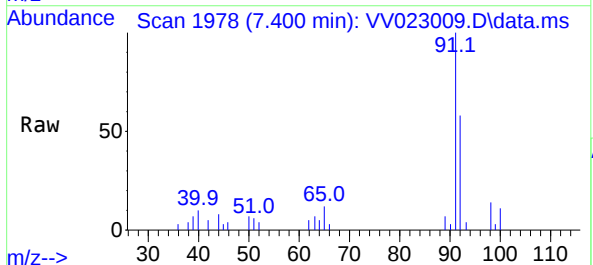
Tgt Ion: 95 Resp: 2450
Ion Ratio Lower Upper
95 100
97 65.1 45.0 83.6
132 102.2 69.7 129.4
130 107.1 73.7 136.9

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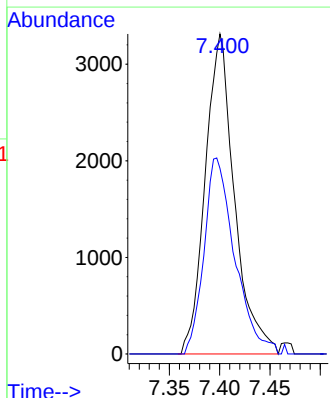
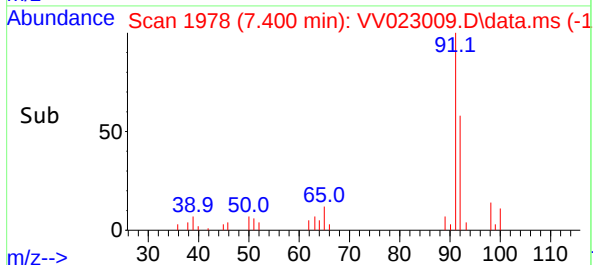
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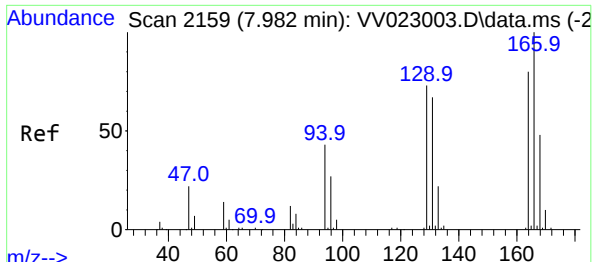


#42
Toluene
Concen: 0.200 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.003 min
Lab File: VV023009.D
Acq: 23 Oct 2021 14:59



Tgt Ion: 91 Resp: 6695
Ion Ratio Lower Upper
91 100
92 58.0 39.3 72.9





#47

Tetrachloroethene

Concen: 28.903 ug/L

RT: 7.976 min Scan# 2159

Delta R.T. -0.006 min

Lab File: VV023009.D

Acq: 23 Oct 2021 14:59

Instrument :

MSVOA_V

ClientSampleId :

BFGA5

Tgt Ion:164 Resp: 20224

Ion Ratio Lower Upper

164 100

129 92.3 64.0 119.0

131 88.3 63.4 117.8

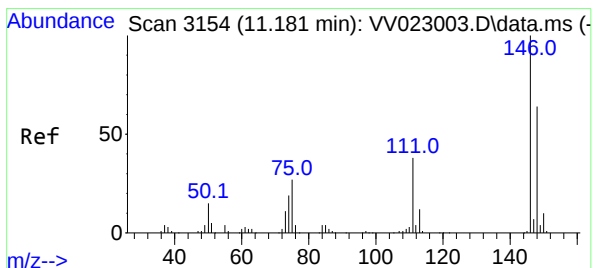
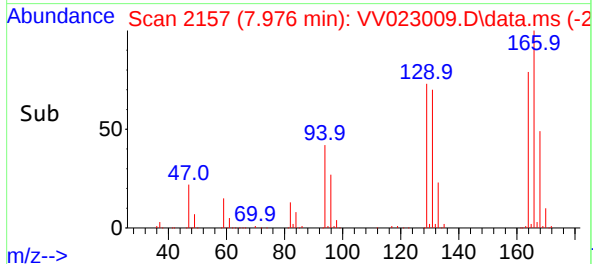
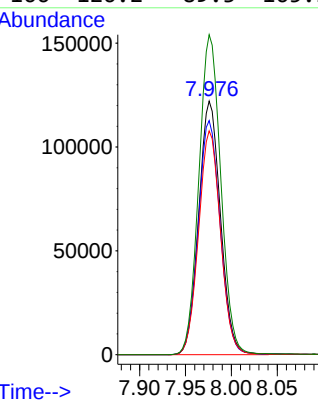
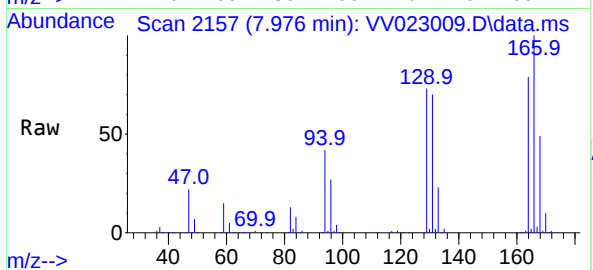
166 126.2 89.3 165.9

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#64

1,3-Dichlorobenzene

Concen: 0.213 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.003 min

Lab File: VV023009.D

Acq: 23 Oct 2021 14:59

Tgt Ion:146 Resp: 2991

Ion Ratio Lower Upper

146 100

111 35.6 26.7 49.7

148 67.6 42.9 79.7

