

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111021\
 Data File : VW023378.D
 Acq On : 11 Nov 2021 11:06
 Operator : SY/MD
 Sample : M4558-09DL 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB871DL

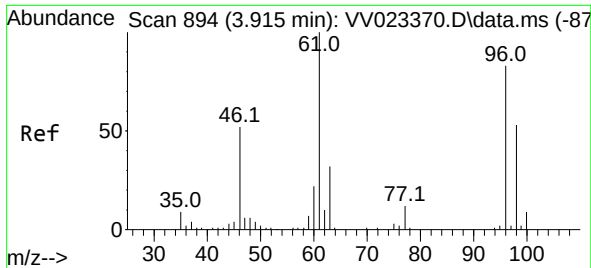
Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2021
 Supervised By : Mahesh Dadoda 11/15/2021

Quant Time: Nov 12 00:28:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 11 08:19:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	124157	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	116952	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57277	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	32746	4.210	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.200%	
7) Chloroethane-d5	1.568	69	27250	4.299	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.000%	
11) 1,1-Dichloroethene-d2	2.108	63	47572	3.267	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	65.400%	
20) 2-Butanone-d5	3.905	46	60564	45.197	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	90.400%	
24) Chloroform-d	4.352	84	62427	3.766	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	75.400%	
26) 1,2-Dichloroethane-d4	5.037	65	33116	4.443	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.800%	
32) Benzene-d6	5.053	84	139736	4.657	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.200%	
36) 1,2-Dichloropropane-d6	6.069	67	41068	4.649	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.000%	
41) Toluene-d8	7.317	98	120561	4.287	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.800%	
43) trans-1,3-Dichloroprop...	7.625	79	15160	4.526	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.600%	
46) 2-Hexanone-d5	8.092	63	48301	39.194	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	78.380%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26309	4.142	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	82.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	46861	4.913	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.200%	
Target Compounds						
22) cis-1,2-Dichloroethene	3.921	96	4298	0.491	ug/L	# 86
25) Chloroform	4.384	83	8702	0.531	ug/L	97
30) Cyclohexane	4.674	56	12191	0.958	ug/L	98
33) Benzene	5.098	78	564114	17.257	ug/L	100
35) Methylcyclohexane	6.140	83	3049m	0.222	ug/L	
52) Ethylbenzene	9.031	91	1936	0.053	ug/L	93
60) Isopropylbenzene	9.937	105	3557	0.108	ug/L	98

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



#22

cis-1,2-Dichloroethene

Concen: 0.491 ug/L

RT: 3.921 min Scan# 894

Delta R.T. 0.007 min

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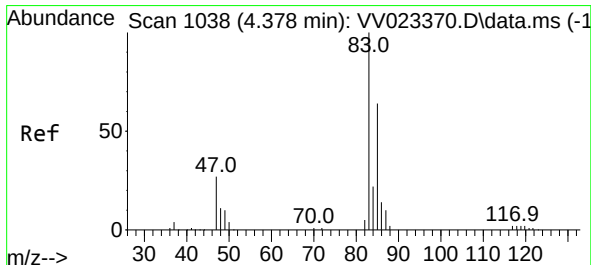
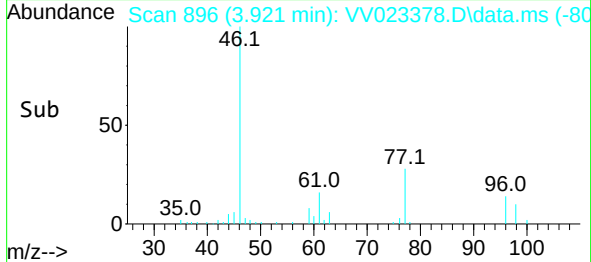
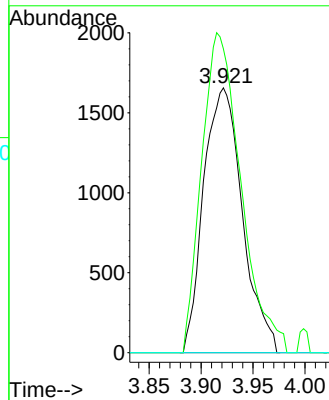
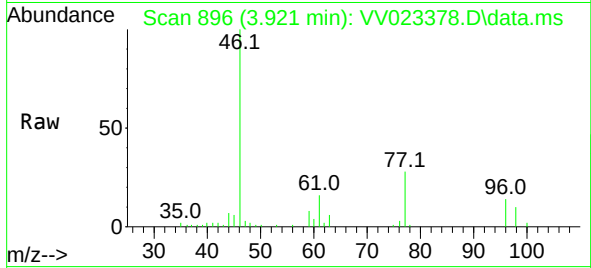
Tgt Ion: 96	Resp: 4298
Ion Ratio	Lower Upper
96 100	
61 114.7	92.3 171.3
68 0.0	0.4 0.8

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#25

Chloroform

Concen: 0.531 ug/L

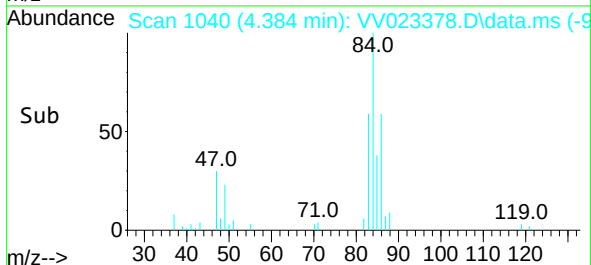
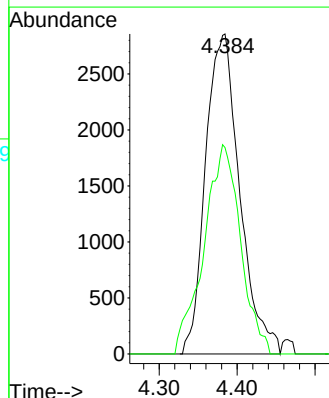
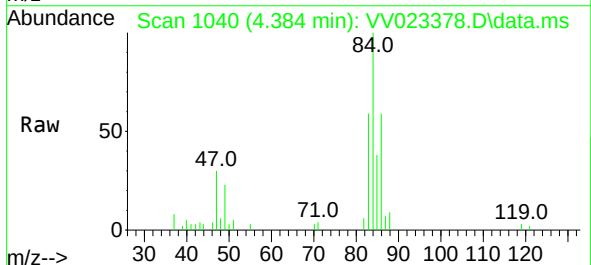
RT: 4.384 min Scan# 1040

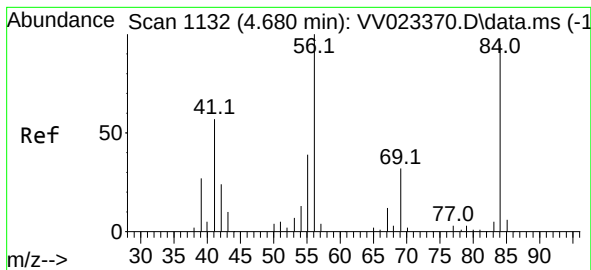
Delta R.T. 0.007 min

Lab File: VV023378.D

Acq: 11 Nov 2021 11:06

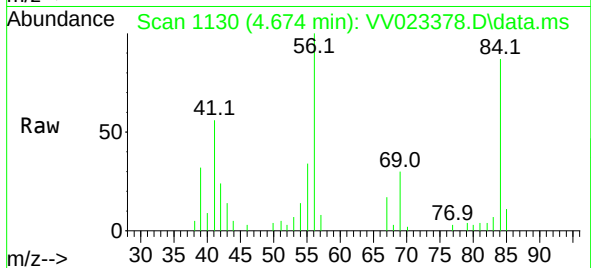
Tgt Ion: 83	Resp: 8702
Ion Ratio	Lower Upper
83 100	
85 64.5	46.8 86.8





#30
Cyclohexane
Concen: 0.958 ug/L
RT: 4.674 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VV023378.D
Acq: 11 Nov 2021 11:06

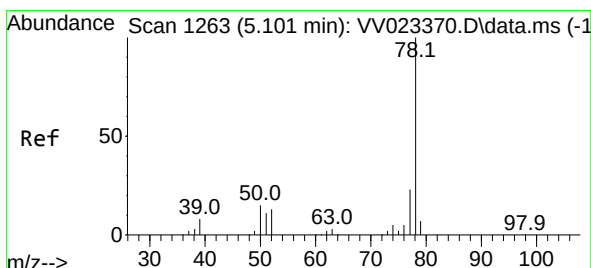
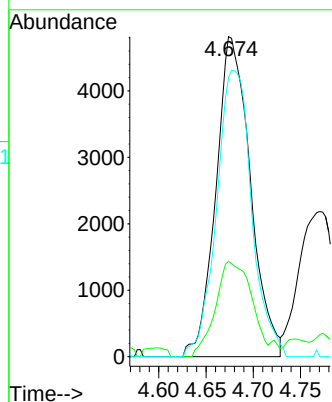
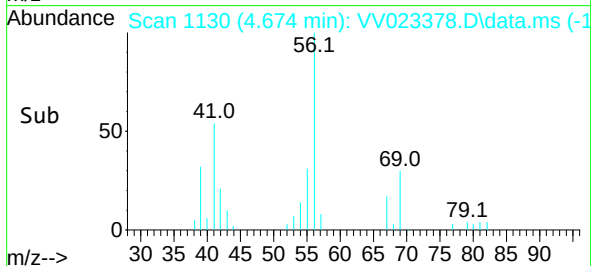
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Tgt Ion: 56 Resp: 1219
Ion Ratio Lower Upper
56 100
69 31.1 23.5 35.3
84 91.4 71.6 107.4

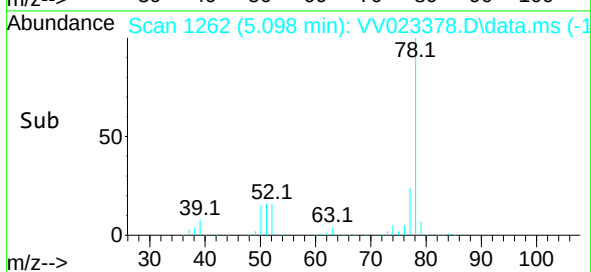
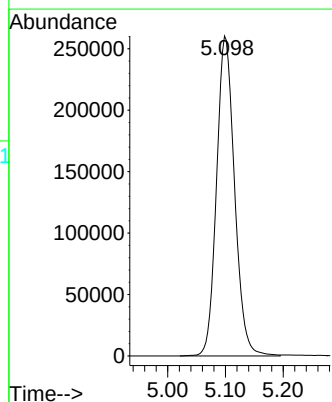
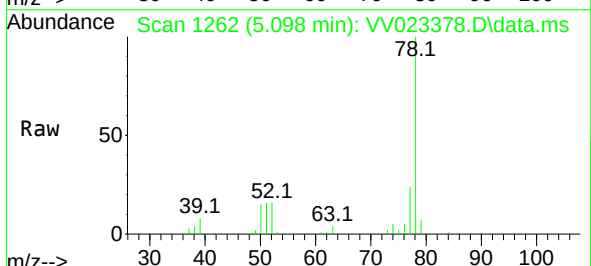
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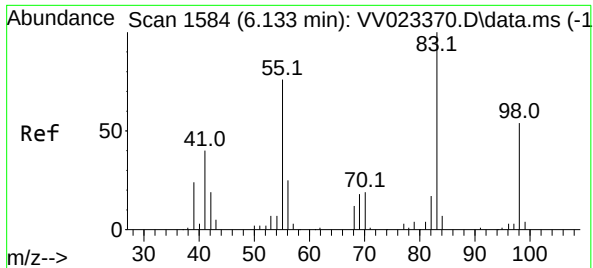
Reviewed By :John Carlone 11/15/2021
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#33
Benzene
Concen: 17.257 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VV023378.D
Acq: 11 Nov 2021 11:06

Tgt Ion: 78 Resp: 564114





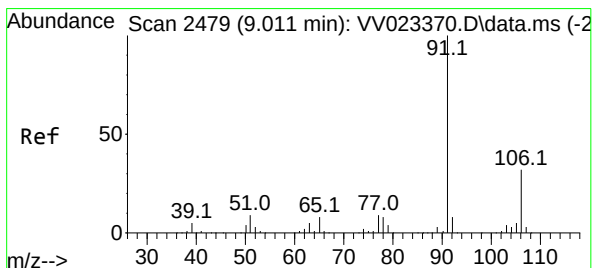
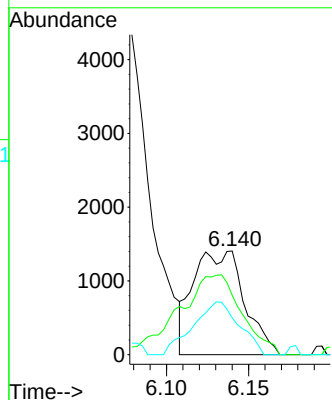
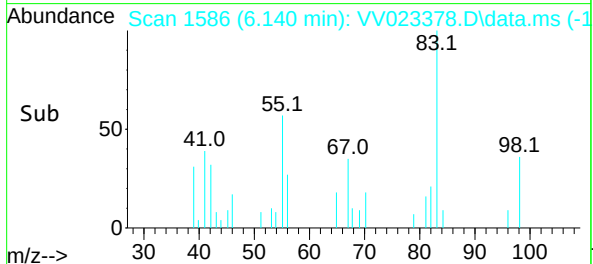
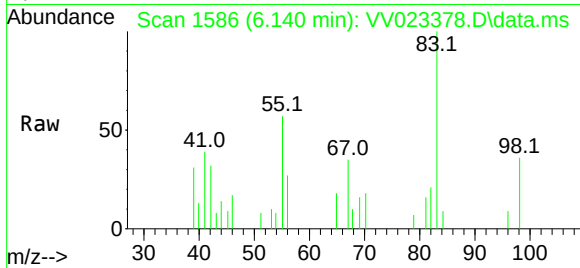
#35
Methylcyclohexane
Concen: 0.222 ug/L m
RT: 6.140 min Scan# 1
Delta R.T. 0.007 min
Lab File: VV023378.D
Acq: 11 Nov 2021 11:06

Instrument :
MSVOA_V
ClientSampleId :
GB871DL

Tgt Ion: 83 Resp: 3049
Ion Ratio Lower Upper
83 100
55 94.5 62.8 94.2
98 45.9 37.9 56.9

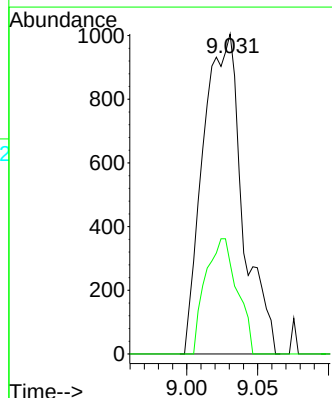
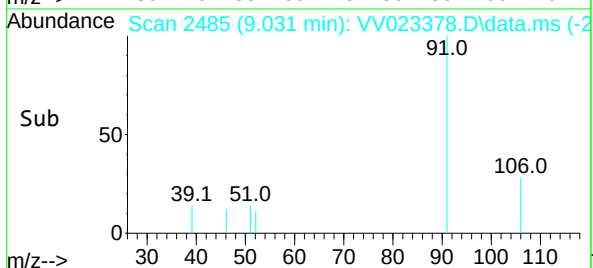
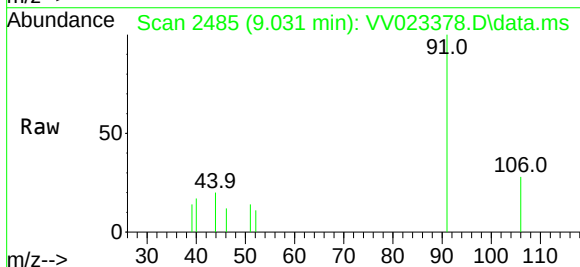
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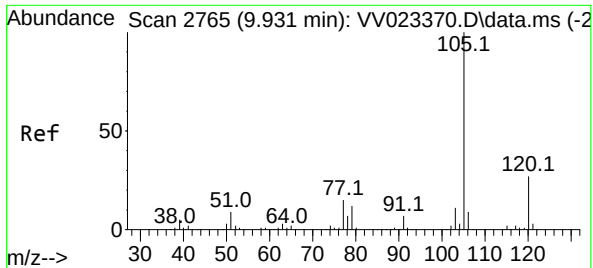
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#52
Ethylbenzene
Concen: 0.053 ug/L
RT: 9.031 min Scan# 2485
Delta R.T. 0.019 min
Lab File: VV023378.D
Acq: 11 Nov 2021 11:06

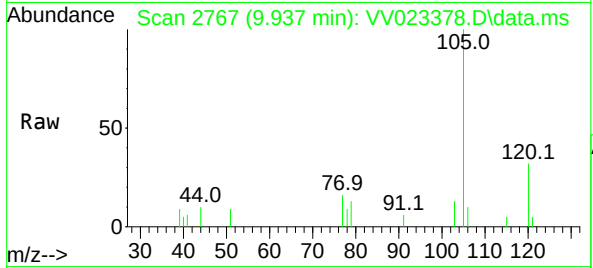
Tgt Ion: 91 Resp: 1936
Ion Ratio Lower Upper
91 100
106 28.4 22.5 41.9





#60
Isopropylbenzene
Concen: 0.108 ug/L
RT: 9.937 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV023378.D
Acq: 11 Nov 2021 11:06

Instrument :
MSVOA_V
ClientSampleId :
GB871DL



Tgt Ion:	105	Resp:	355
Ion Ratio	Lower	Upper	
105	100		
120	27.8	21.7	32.5
77	17.7	12.6	19.0

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