

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102423\
 Data File : VW032597.D
 Acq On : 24 Oct 2023 18:06
 Operator : SY/MD
 Sample : 04992-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ5

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/25/2023
 Supervised By : Mahesh Dadoda 10/26/2023

Quant Time: Oct 25 05:55:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 05:52:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	71102	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	74988	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.204	152	36851	5.000	ug/L	# 0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	22175	3.835	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.600%
7) Chloroethane-d5	1.532	69	23581	5.024	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.056	65	8524	3.495	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.000%
20) 2-Butanone-d5	3.818	46	96162	65.738	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.480%#
24) Chloroform-d	4.252	84	53316m	5.226	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
26) 1,2-Dichloroethane-d4	4.947	65	28671	5.934	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.600%
32) Benzene-d6	4.963	84	80898	3.666	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.400%
36) 1,2-Dichloropropane-d6	5.992	67	29417	4.024	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.400%
41) Toluene-d8	7.249	98	68284	3.384	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.600%#
43) trans-1,3-Dichloroprop...	7.558	79	14259	5.504	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.000%
46) 2-Hexanone-d5	8.030	63	94670	77.670	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	155.340%#
56) 1,1,2,2-Tetrachloroeth...	10.185	84	153589	30.037	ug/L	0.03
Spiked Amount	5.000	Range	65 - 120	Recovery	=	600.800%#
66) 1,2-Dichlorobenzene-d4	11.577	152	39607	5.792	ug/L	0.01
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.800%
Target Compounds						
13) Acetone	2.143	43	17269	15.317	ug/L	65
14) Carbon disulfide	2.243	76	2698	0.148	ug/L #	85
22) cis-1,2-Dichloroethene	3.818	96	2784	0.433	ug/L	91
30) Cyclohexane	4.587	56	6505	0.581	ug/L	95
33) Benzene	5.011	78	92707	3.511	ug/L	100
34) Trichloroethene	5.841	95	923	0.128	ug/L	92
35) Methylcyclohexane	6.053	83	93780	8.408	ug/L	98
52) Ethylbenzene	8.953	91	10535984	336.180	ug/L	96
53) m,p-Xylene	9.085	106	9867020	848.897	ug/L #	58
60) Isopropylbenzene	9.876	105	8715263	304.307	ug/L	98
62) 1,3,5-Trimethylbenzene	10.490	105	24843630m	1064.330	ug/L	
63) 1,2,4-Trimethylbenzene	10.860	105	24785178m	1066.546	ug/L	

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

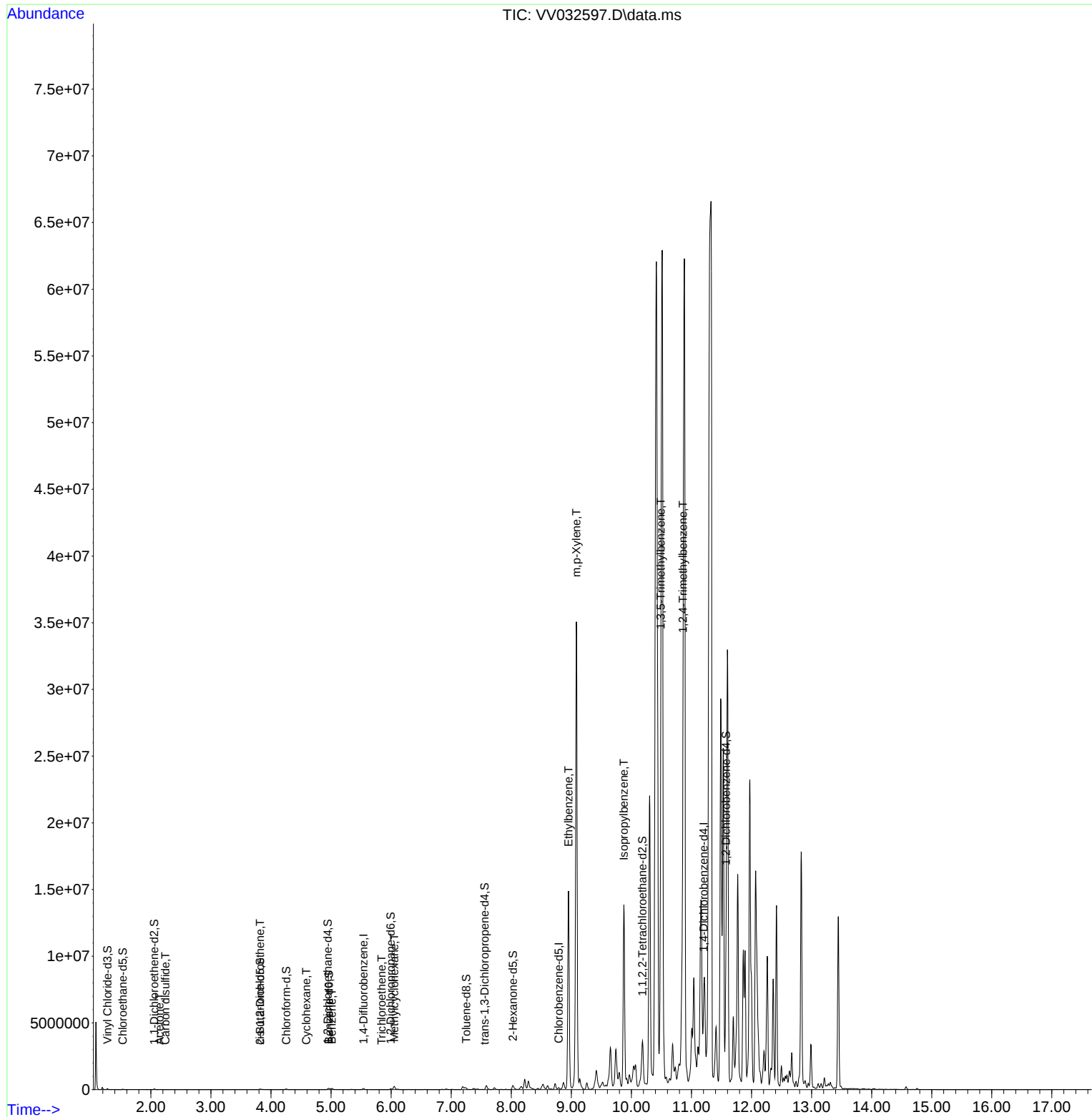
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102423\
Data File : VV032597.D
Acq On : 24 Oct 2023 18:06
Operator : SY/MD
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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

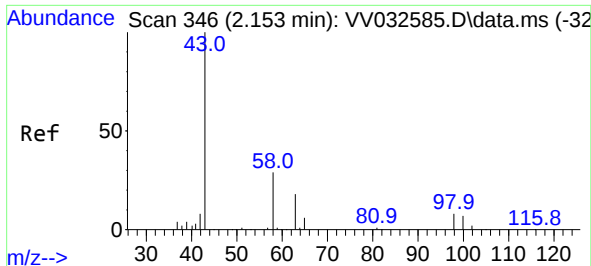
Instrument :
MSVOA_V
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C0AJ5

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 25 05:52:45 2023
Response via : Initial Calibration





#13

Acetone

Concen: 15.317 ug/L

RT: 2.143 min Scan# 34

Delta R.T. -0.010 min

Lab File: VV032597.D

Acq: 24 Oct 2023 18:06

Instrument :

MSVOA_V

ClientSampleId :

C0AJ5

Tgt Ion: 43 Resp: 17269

Ion Ratio Lower Upper

43 100

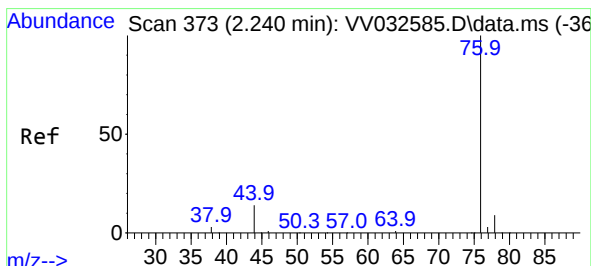
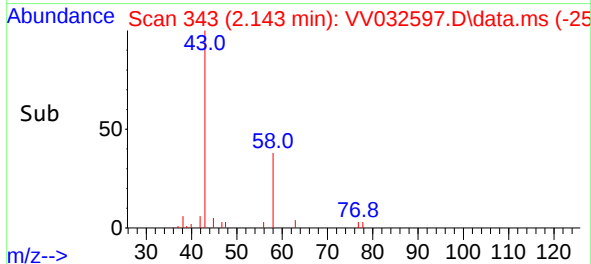
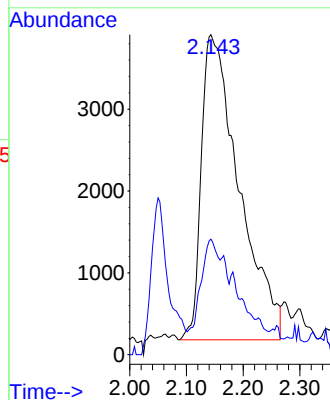
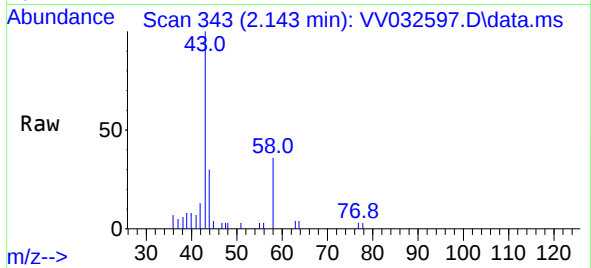
58 13.4 0.0 66.0

Manual Integrations

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#14

Carbon disulfide

Concen: 0.148 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV032597.D

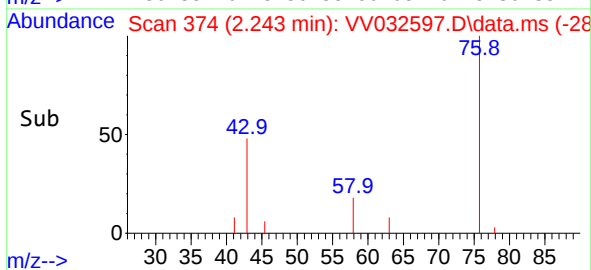
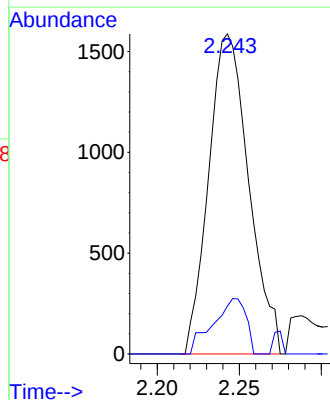
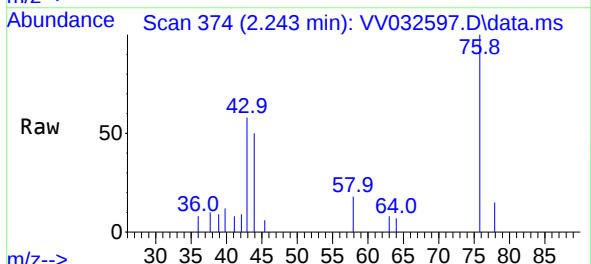
Acq: 24 Oct 2023 18:06

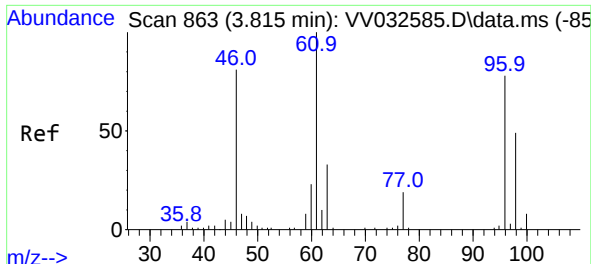
Tgt Ion: 76 Resp: 2698

Ion Ratio Lower Upper

76 100

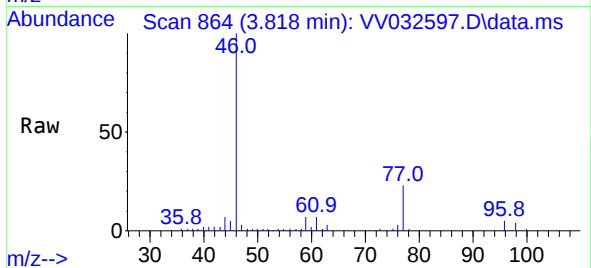
78 14.9 7.4 11.2#





#22
cis-1,2-Dichloroethene
Concen: 0.433 ug/L
RT: 3.818 min Scan# 80
Delta R.T. 0.003 min
Lab File: VV032597.D
Acq: 24 Oct 2023 18:06

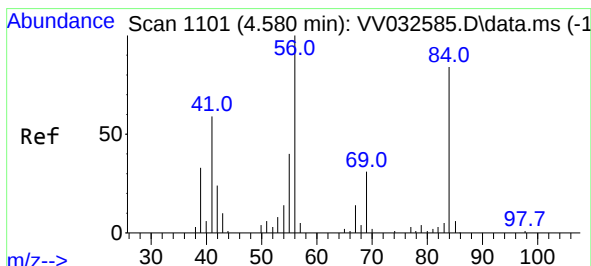
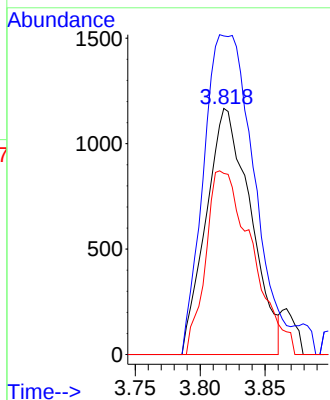
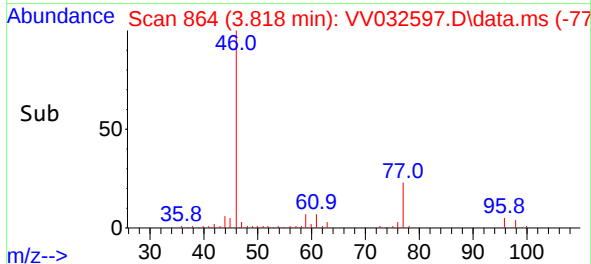
Instrument :
MSVOA_V
ClientSampleId :
C0AJ5



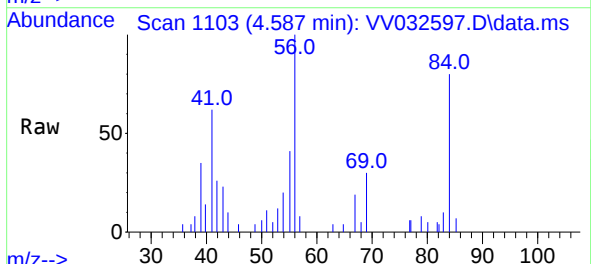
Tgt Ion: 96 Resp: 2784
Ion Ratio Lower Upper
96 100
61 129.5 85.8 159.4
98 73.6 44.0 81.6

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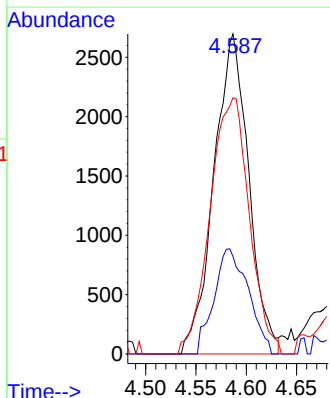
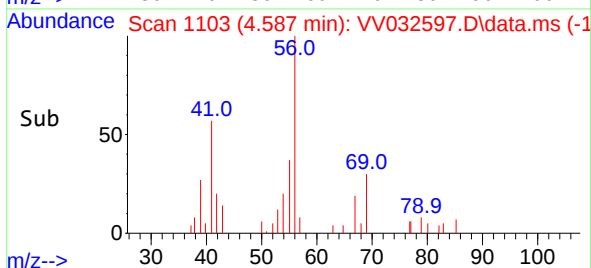
Reviewed By :John Carlone 10/25/2023
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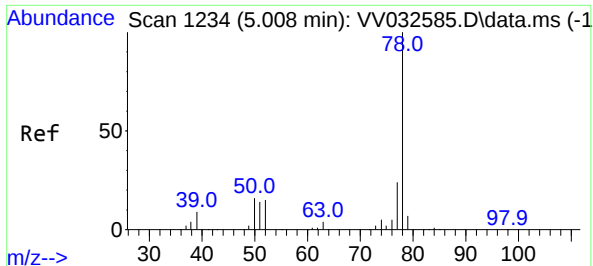


#30
Cyclohexane
Concen: 0.581 ug/L
RT: 4.587 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VV032597.D
Acq: 24 Oct 2023 18:06



Tgt Ion: 56 Resp: 6505
Ion Ratio Lower Upper
56 100
69 32.3 24.2 36.2
84 89.8 68.1 102.1





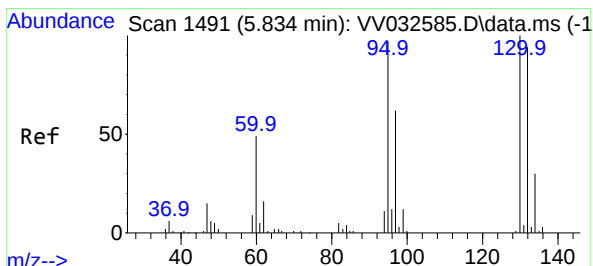
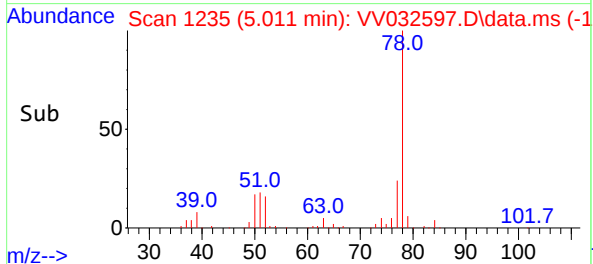
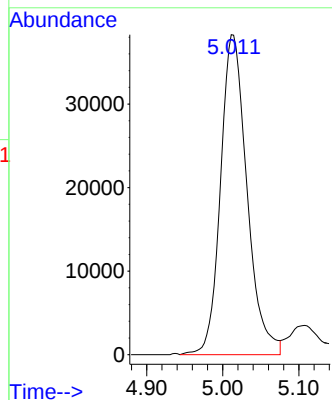
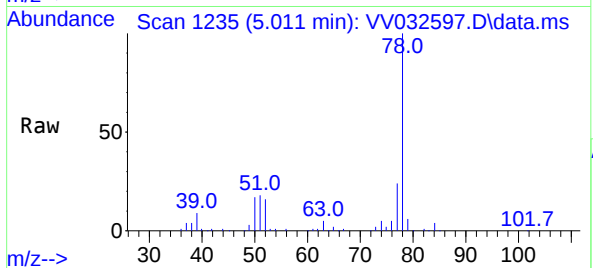
#33
Benzene
Concen: 3.511 ug/L
RT: 5.011 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV032597.D
Acq: 24 Oct 2023 18:06

Instrument :
MSVOA_V
ClientSampleId :
C0AJ5

Tgt Ion: 78 Resp: 9270

Manual Integrations
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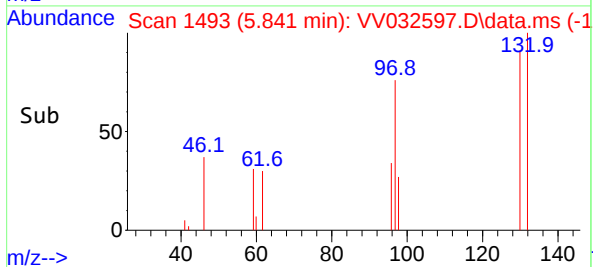
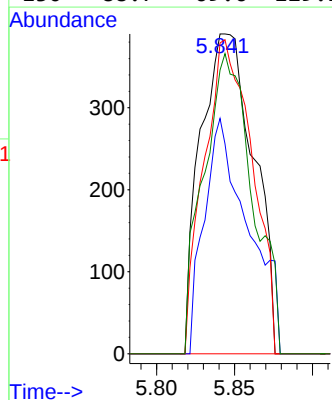
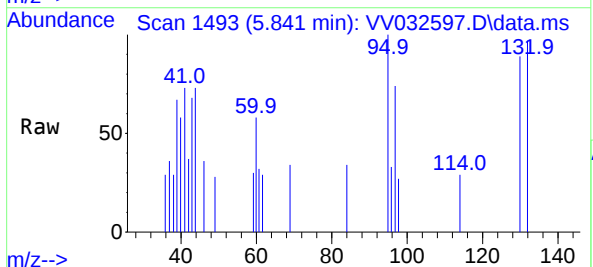
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/26/2023

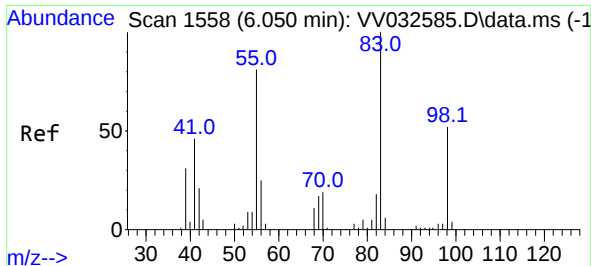


#34
Trichloroethene
Concen: 0.128 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VV032597.D
Acq: 24 Oct 2023 18:06

Tgt Ion: 95 Resp: 923

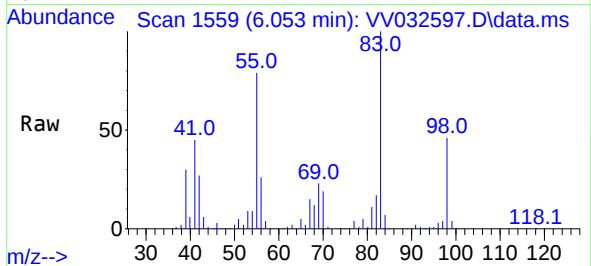
Ion	Ratio	Lower	Upper
95	100		
97	73.6	45.7	84.9
132	97.2	70.3	130.5
130	88.7	69.6	129.2





#35
Methylcyclohexane
Concen: 8.408 ug/L
RT: 6.053 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV032597.D
Acq: 24 Oct 2023 18:06

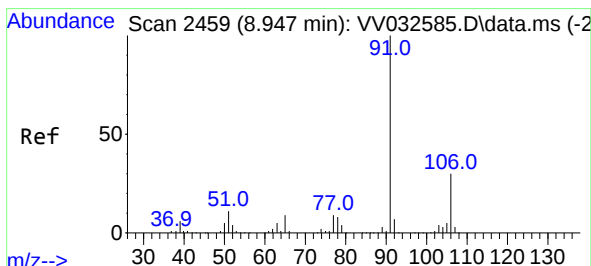
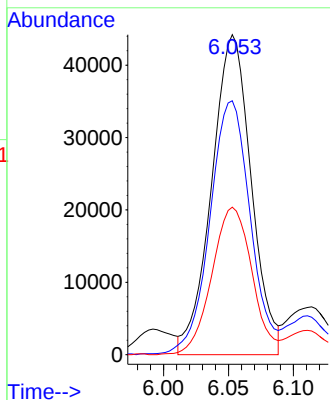
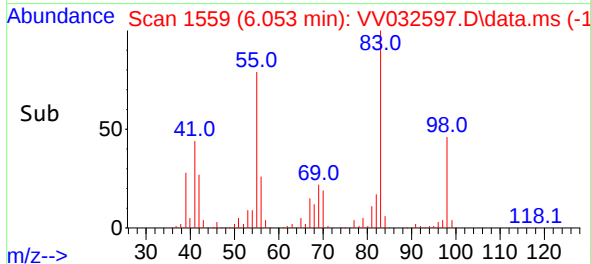
Instrument :
MSVOA_V
ClientSampleId :
C0AJ5



Tgt Ion: 83 Resp: 93780
Ion Ratio Lower Upper
83 100
55 81.1 64.2 96.2
98 46.7 39.6 59.4

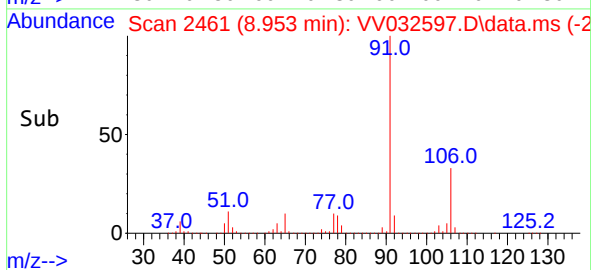
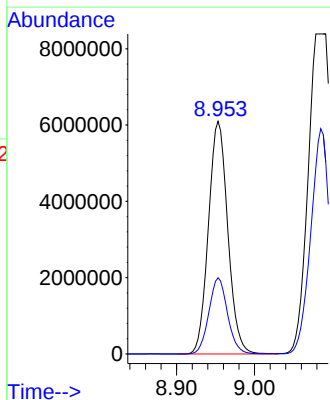
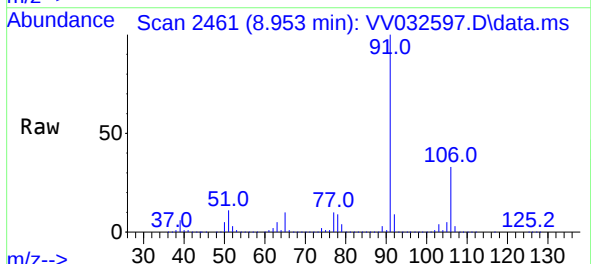
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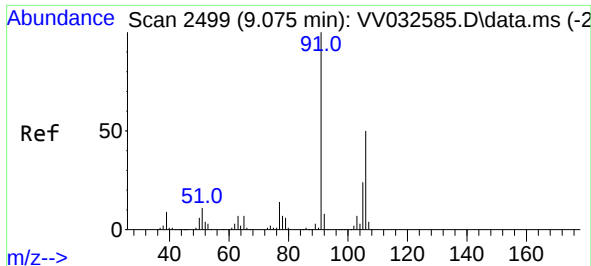
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/26/2023



#52
Ethylbenzene
Concen: 336.180 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.006 min
Lab File: VV032597.D
Acq: 24 Oct 2023 18:06

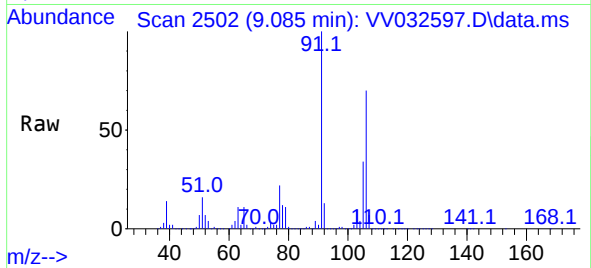
Tgt Ion: 91 Resp:10535984
Ion Ratio Lower Upper
91 100
106 32.7 21.3 39.5





#53
m,p-Xylene
Concen: 848.897 ug/L
RT: 9.085 min Scan# 2106
Delta R.T. 0.010 min
Lab File: VV032597.D
Acq: 24 Oct 2023 18:06

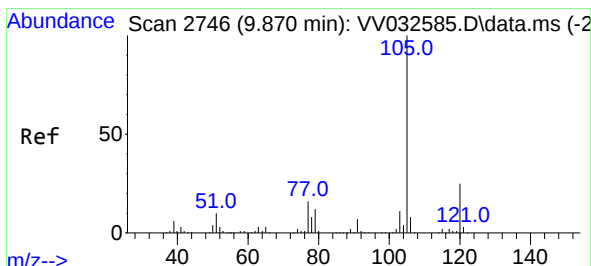
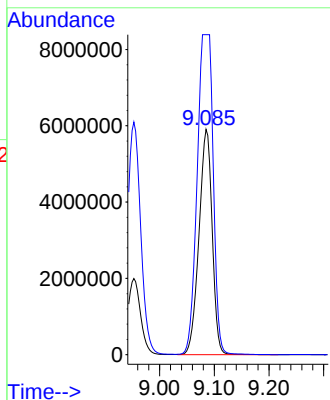
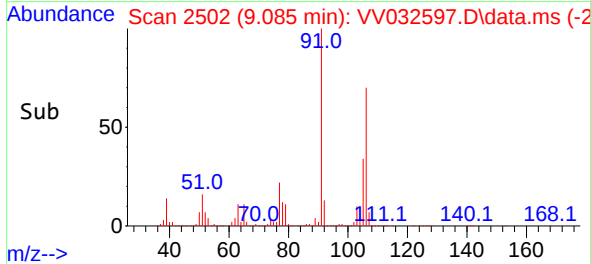
Instrument :
MSVOA_V
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C0AJ5



Tgt Ion:106 Resp: 9867020
Ion Ratio Lower Upper
106 100
91 142.1 144.5 268.3

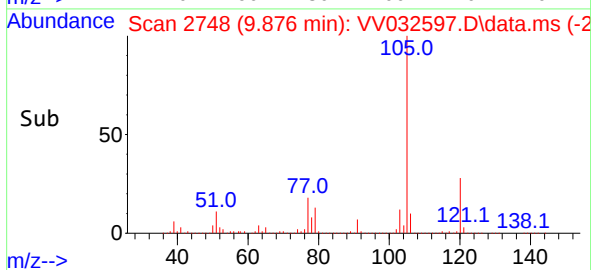
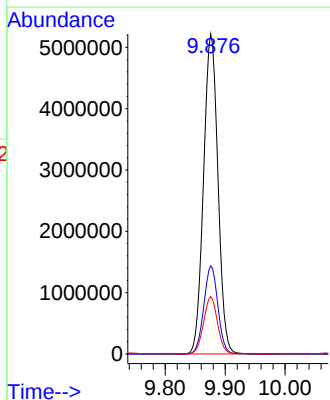
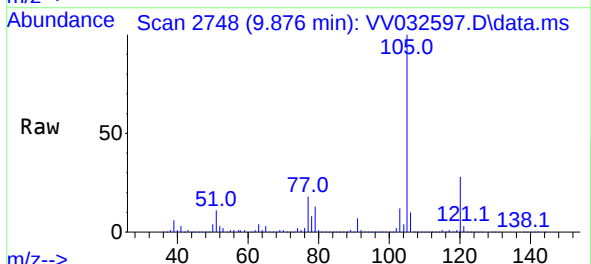
Manual Integrations
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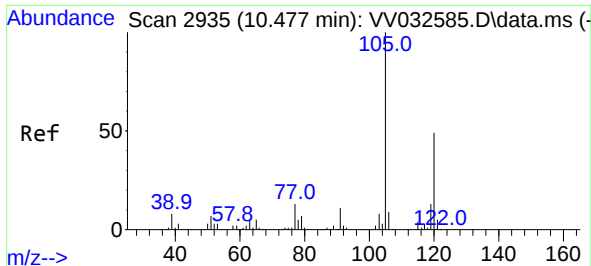
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/26/2023



#60
Isopropylbenzene
Concen: 304.307 ug/L
RT: 9.876 min Scan# 2748
Delta R.T. 0.006 min
Lab File: VV032597.D
Acq: 24 Oct 2023 18:06

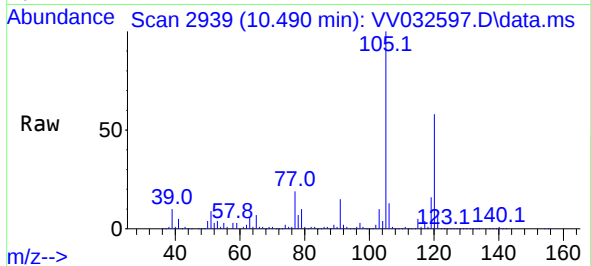
Tgt Ion:105 Resp: 8715263
Ion Ratio Lower Upper
105 100
120 26.9 21.0 31.6
77 17.4 12.6 19.0





#62
1,3,5-Trimethylbenzene
Concen: 1064.330 ug/L m
RT: 10.490 min Scan# 2939
Delta R.T. 0.013 min
Lab File: VV032597.D
Acq: 24 Oct 2023 18:06

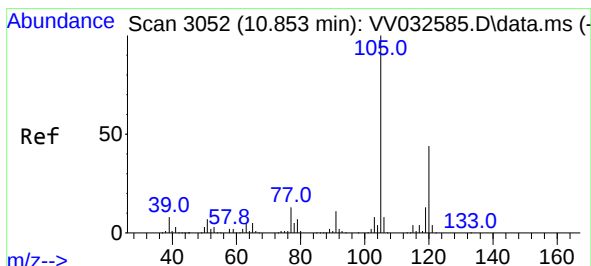
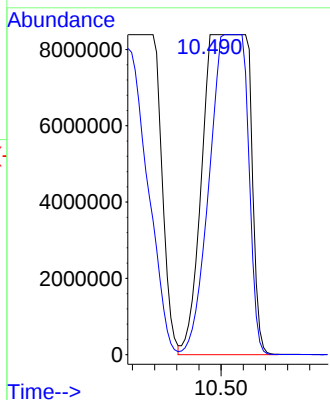
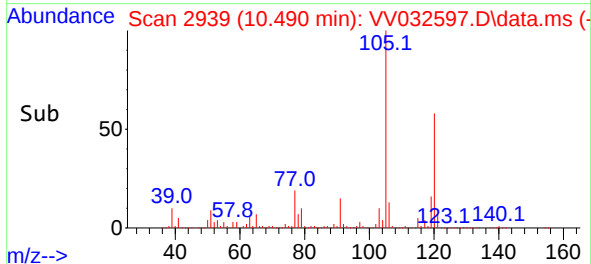
Instrument :
MSVOA_V
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C0AJ5



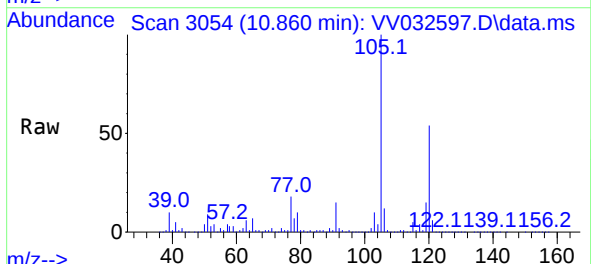
Tgt Ion:105 Resp:24843630
Ion Ratio Lower Upper
105 100
120 83.9 39.9 59.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/26/2023



#63
1,2,4-Trimethylbenzene
Concen: 1066.546 ug/L m
RT: 10.860 min Scan# 3054
Delta R.T. 0.006 min
Lab File: VV032597.D
Acq: 24 Oct 2023 18:06



Tgt Ion:105 Resp:24785178
Ion Ratio Lower Upper
105 100
120 4.1 36.2 54.4#

