

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020724\
 Data File : VV034030.D
 Acq On : 07 Feb 2024 14:54
 Operator : SY/MD
 Sample : P1383-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0YB1

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/09/2024
 Supervised By :Semsettin Yesilyurt 02/09/2024

Quant Time: Feb 08 04:49:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 08 04:46:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	104735	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	97236	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	48768	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	22339	2.754	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	55.000%	
7) Chloroethane-d5	1.532	69	21255	2.992	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	59.800%#	
11) 1,1-Dichloroethene-d2	2.060	65	11762	3.007	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	60.200%	
20) 2-Butanone-d5	3.793	46	47876	35.144	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	70.280%	
24) Chloroform-d	4.253	84	48761	3.308	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	66.200%#	
26) 1,2-Dichloroethane-d4	4.947	65	25090	3.642	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	72.800%	
32) Benzene-d6	4.963	84	94093	3.225	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	64.600%#	
36) 1,2-Dichloropropane-d6	5.992	67	28209	3.459	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	69.200%	
41) Toluene-d8	7.246	98	86876	3.240	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	64.800%#	
43) trans-1,3-Dichloroprop...	7.561	79	9691	3.147	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	63.000%	
46) 2-Hexanone-d5	8.024	63	42298	38.480	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	76.960%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	18306	3.703	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	74.000%	
66) 1,2-Dichlorobenzene-d4	11.561	152	31272	3.526	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	70.600%#	
Target Compounds						
30) Cyclohexane	4.574	56	3339m	0.263	ug/L	
33) Benzene	5.021	78	5986	0.205	ug/L	100
34) Trichloroethene	5.844	95	3458	0.410	ug/L	81
35) Methylcyclohexane	6.053	83	4583	0.346	ug/L	98
42) Toluene	7.323	91	20738	0.665	ug/L	99
52) Ethylbenzene	8.953	91	5877	0.164	ug/L	92
53) m,p-Xylene	9.079	106	3175	0.234	ug/L	90
54) o-Xylene	9.487	106	1413	0.108	ug/L	96
63) 1,2,4-Trimethylbenzene	10.857	105	3451	0.116	ug/L	92

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

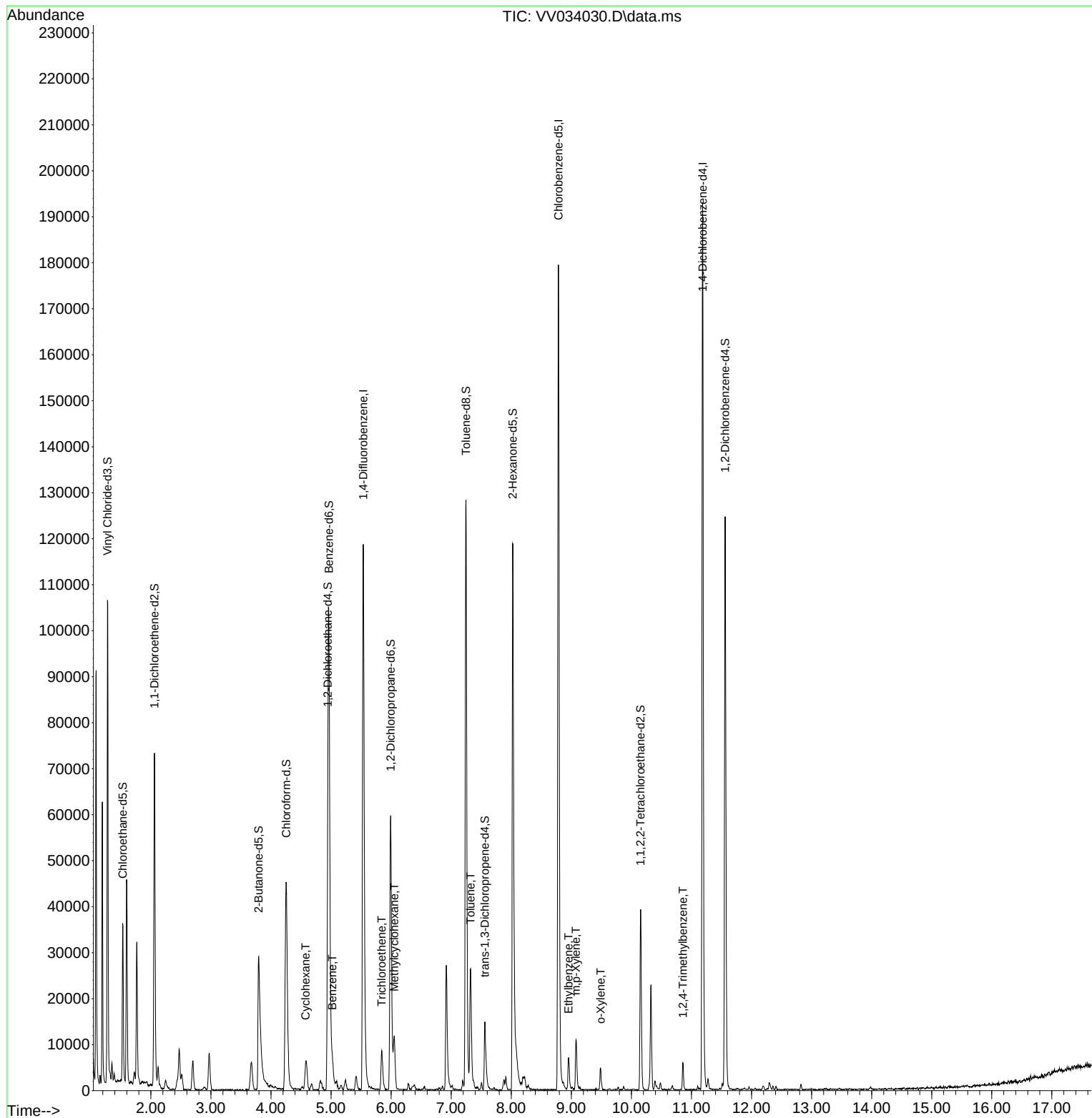
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020724\
Data File : VV034030.D
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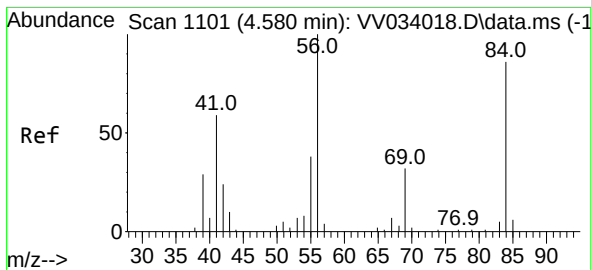
Instrument :
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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration





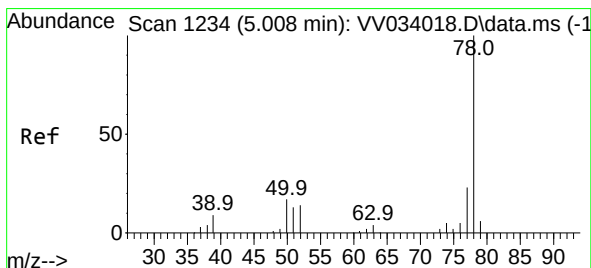
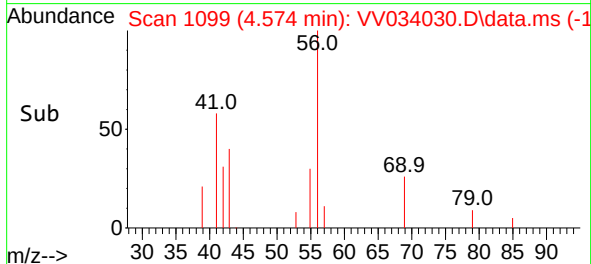
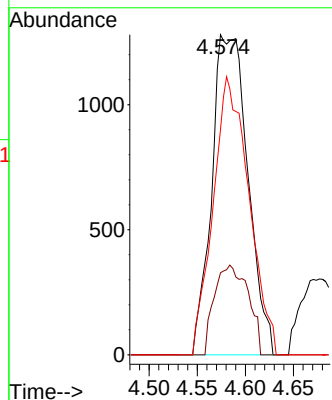
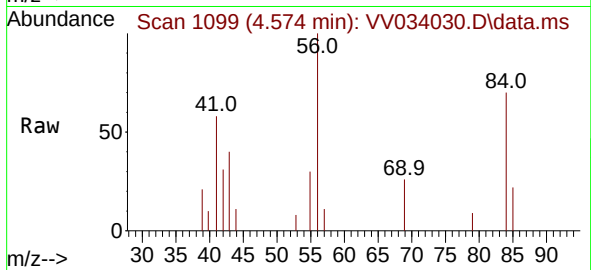
#30
Cyclohexane
Concen: 0.263 ug/L m
RT: 4.574 min Scan# 1099
Delta R.T. -0.006 min
Lab File: VV034030.D
Acq: 07 Feb 2024 14:54

Instrument :
MSVOA_V
ClientSampleId :
E0YB1

Tgt Ion: 56 Resp: 3339
Ion Ratio Lower Upper
56 100
69 26.1 24.2 36.2
84 86.0 70.0 105.0

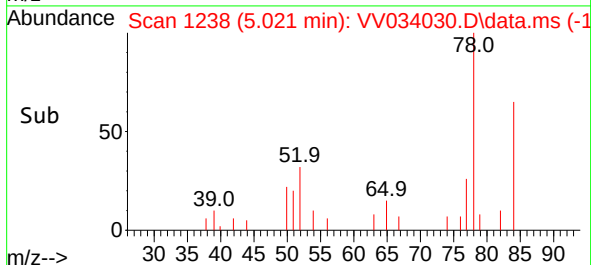
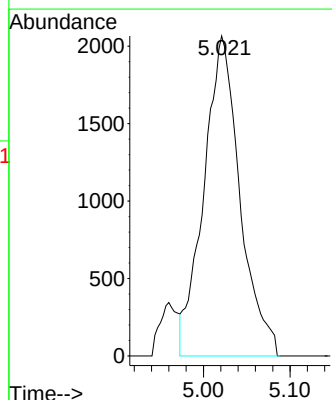
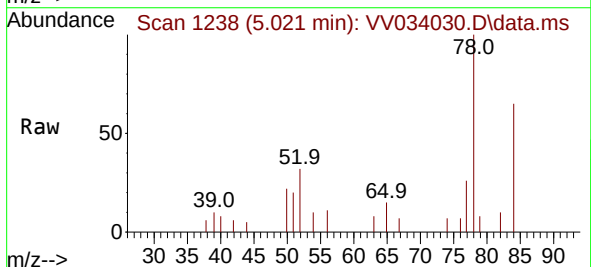
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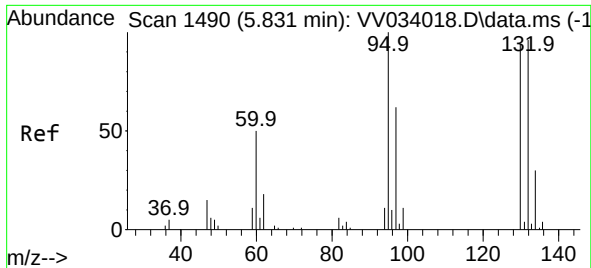
Reviewed By :Mahesh Dadoda 02/09/2024
Supervised By :Semsettin Yesilyurt 02/09/2024



#33
Benzene
Concen: 0.205 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.013 min
Lab File: VV034030.D
Acq: 07 Feb 2024 14:54

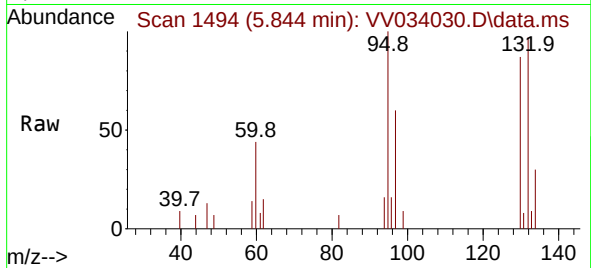
Tgt Ion: 78 Resp: 5986





#34
Trichloroethene
Concen: 0.410 ug/L
RT: 5.844 min Scan# 1490
Delta R.T. 0.013 min
Lab File: VV034030.D
Acq: 07 Feb 2024 14:54

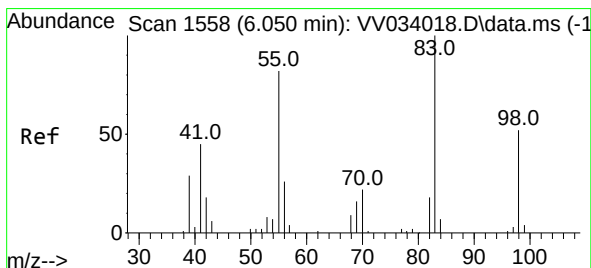
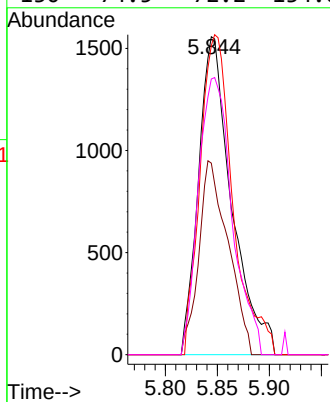
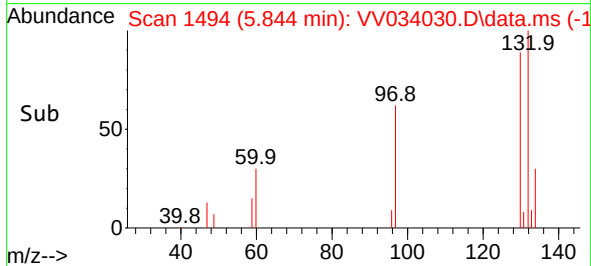
Instrument :
MSVOA_V
ClientSampleId :
E0YB1



Tgt Ion: 95 Resp: 345
Ion Ratio Lower Upper
95 100
97 51.8 45.1 83.7
132 83.6 66.0 122.6
130 74.5 72.2 134.0

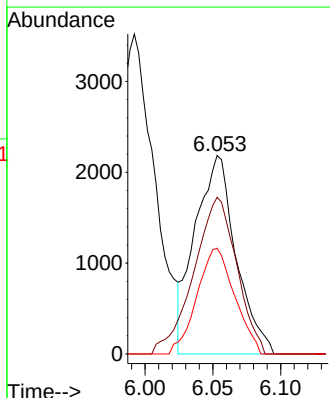
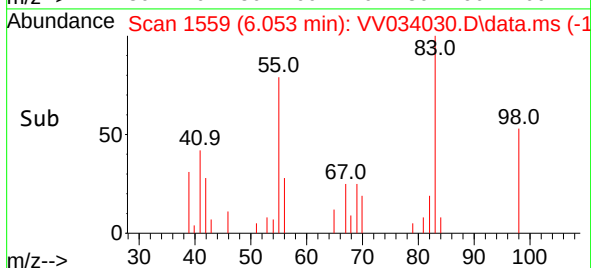
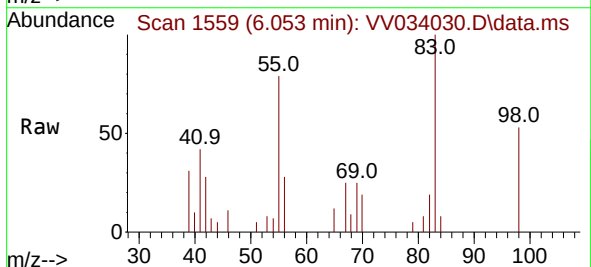
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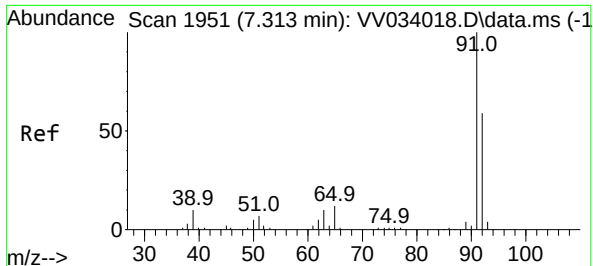
Reviewed By :Mahesh Dadoda 02/09/2024
Supervised By :Semsettin Yesilyurt 02/09/2024



#35
Methylcyclohexane
Concen: 0.346 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.003 min
Lab File: VV034030.D
Acq: 07 Feb 2024 14:54

Tgt Ion: 83 Resp: 4583
Ion Ratio Lower Upper
83 100
55 82.6 63.5 95.3
98 49.1 39.0 58.4





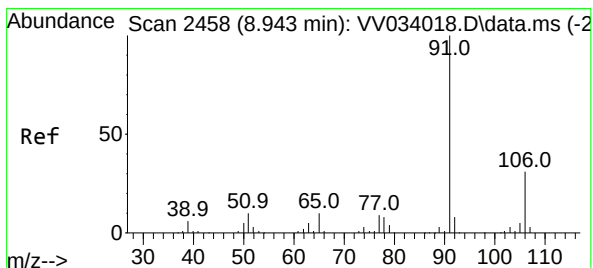
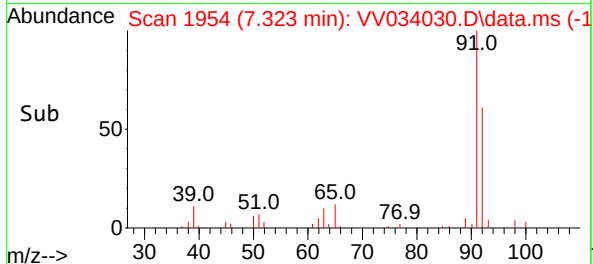
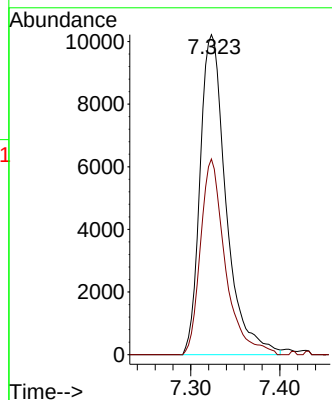
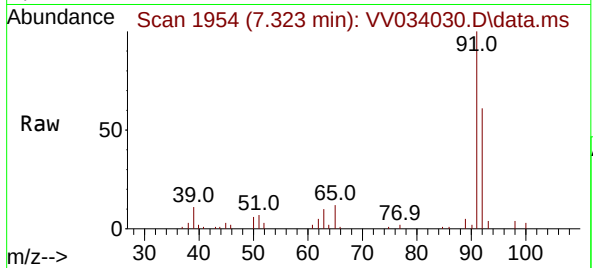
#42
Toluene
Concen: 0.665 ug/L
RT: 7.323 min Scan# 1951
Delta R.T. 0.010 min
Lab File: VV034030.D
Acq: 07 Feb 2024 14:54

Instrument :
MSVOA_V
ClientSampleId :
E0YB1

Tgt Ion: 91 Resp: 20738
Ion Ratio Lower Upper
91 100
92 61.1 42.1 78.3

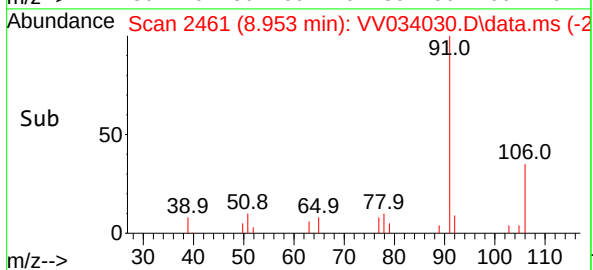
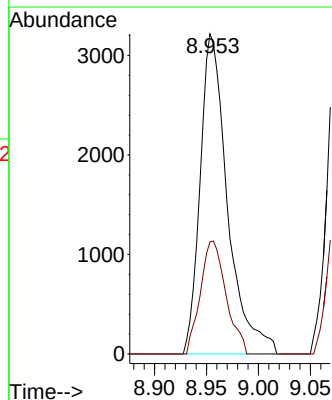
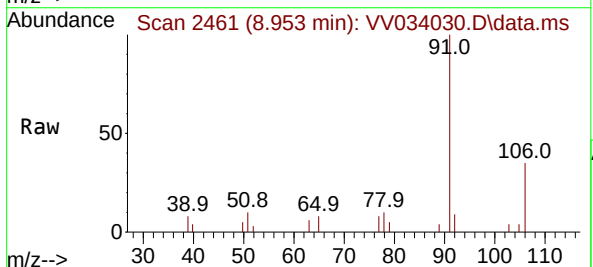
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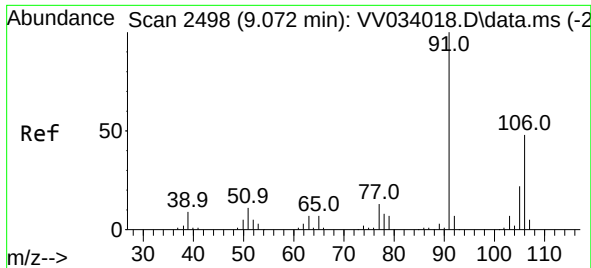
Reviewed By :Mahesh Dadoda 02/09/2024
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#52
Ethylbenzene
Concen: 0.164 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.010 min
Lab File: VV034030.D
Acq: 07 Feb 2024 14:54

Tgt Ion: 91 Resp: 5877
Ion Ratio Lower Upper
91 100
106 35.0 21.4 39.8





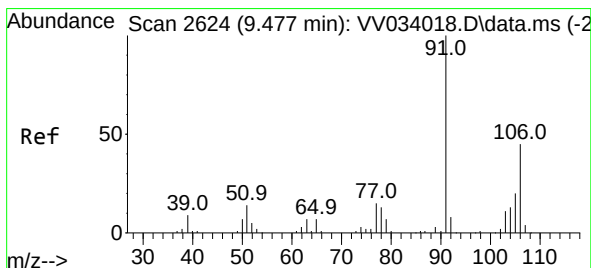
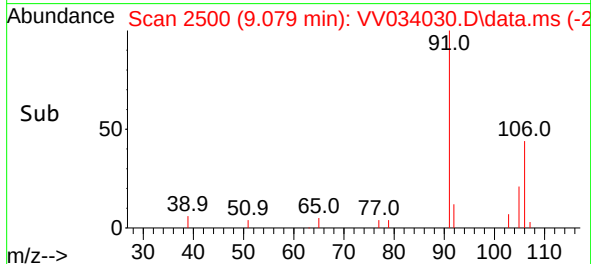
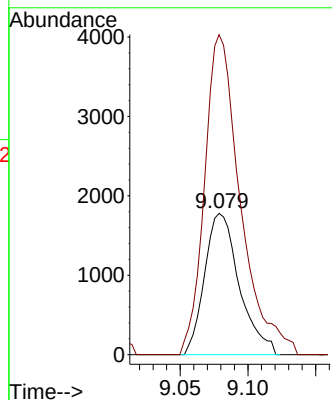
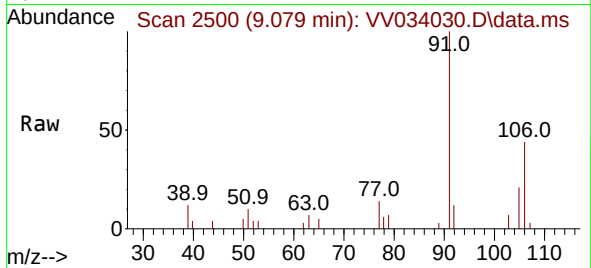
#53
m,p-Xylene
Concen: 0.234 ug/L
RT: 9.079 min Scan# 2498
Delta R.T. 0.007 min
Lab File: VV034030.D
Acq: 07 Feb 2024 14:54

Instrument :
MSVOA_V
ClientSampleId :
E0YB1

Tgt Ion:106 Resp: 317
Ion Ratio Lower Upper
106 100
91 226.4 147.5 273.9

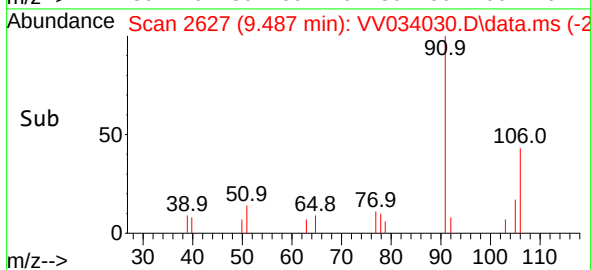
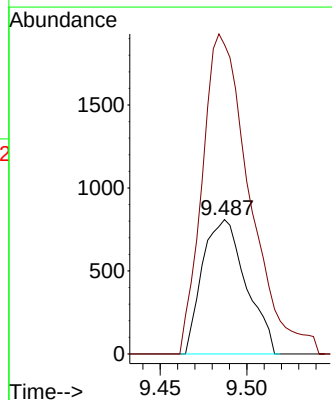
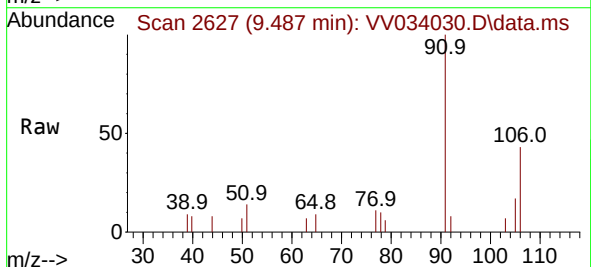
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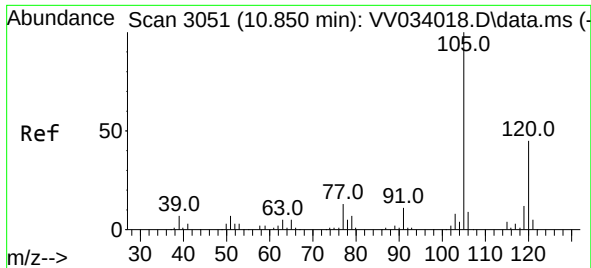
Reviewed By :Mahesh Dadoda 02/09/2024
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#54
o-Xylene
Concen: 0.108 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.010 min
Lab File: VV034030.D
Acq: 07 Feb 2024 14:54

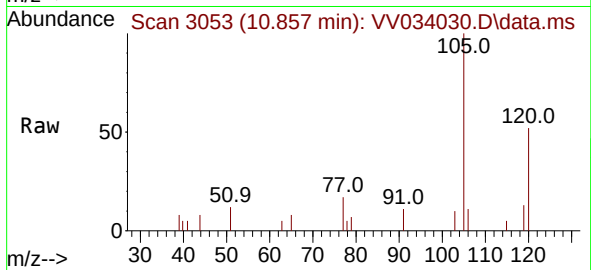
Tgt Ion:106 Resp: 1413
Ion Ratio Lower Upper
106 100
91 230.0 156.2 290.0





#63
1,2,4-Trimethylbenzene
Concen: 0.116 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. 0.007 min
Lab File: VV034030.D
Acq: 07 Feb 2024 14:54

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:105 Resp: 345
Ion Ratio Lower Upper
105 100
120 50.3 36.2 54.2

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