

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
 Data File : VU059721.D
 Acq On : 02 Jul 2024 06:03
 Operator : MD/SY
 Sample : P3084-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E1G89

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/05/2024
 Supervised By :Semsettin Yesilyurt 07/05/2024

Quant Time: Jul 02 07:23:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 29 01:51:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	202691	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	201551	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	101387	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	31763	2.254	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	45.000%		
7) Chloroethane-d5	1.908	69	38130	2.812	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	56.200%#		
11) 1,1-Dichloroethene-d2	2.563	65	16753	2.865	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	57.400%#		
20) 2-Butanone-d5	4.618	46	148107	51.015	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	102.040%		
24) Chloroform-d	5.052	84	105061	3.632	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	72.600%		
26) 1,2-Dichloroethane-d4	5.695	65	55287	3.967	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	79.400%		
32) Benzene-d6	5.721	84	207064	3.733	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	74.600%		
36) 1,2-Dichloropropane-d6	6.682	67	66613	3.919	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	78.400%		
41) Toluene-d8	7.891	98	181512	3.520	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	70.400%		
43) trans-1,3-Dichloroprop...	8.177	79	20542	3.859	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	77.200%		
46) 2-Hexanone-d5	8.624	63	118153	53.427	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	106.860%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	60613	4.316	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	86.400%		
66) 1,2-Dichlorobenzene-d4	12.187	152	78132	4.330	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	86.600%		
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	8510	0.417	ug/L	91
13) Acetone	2.631	43	10285m	5.461	ug/L	
22) cis-1,2-Dichloroethene	4.657	96	119481	7.251	ug/L	93
27) 1,2-Dichloroethane	5.788	62	4207	0.239	ug/L #	86
34) Trichloroethene	6.538	95	23678	1.428	ug/L	96
42) Toluene	7.965	91	17930	0.277	ug/L	94
53) m,p-Xylene	9.689	106	6725	0.263	ug/L	82
63) 1,2,4-Trimethylbenzene	11.463	105	8757	0.185	ug/L	99

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

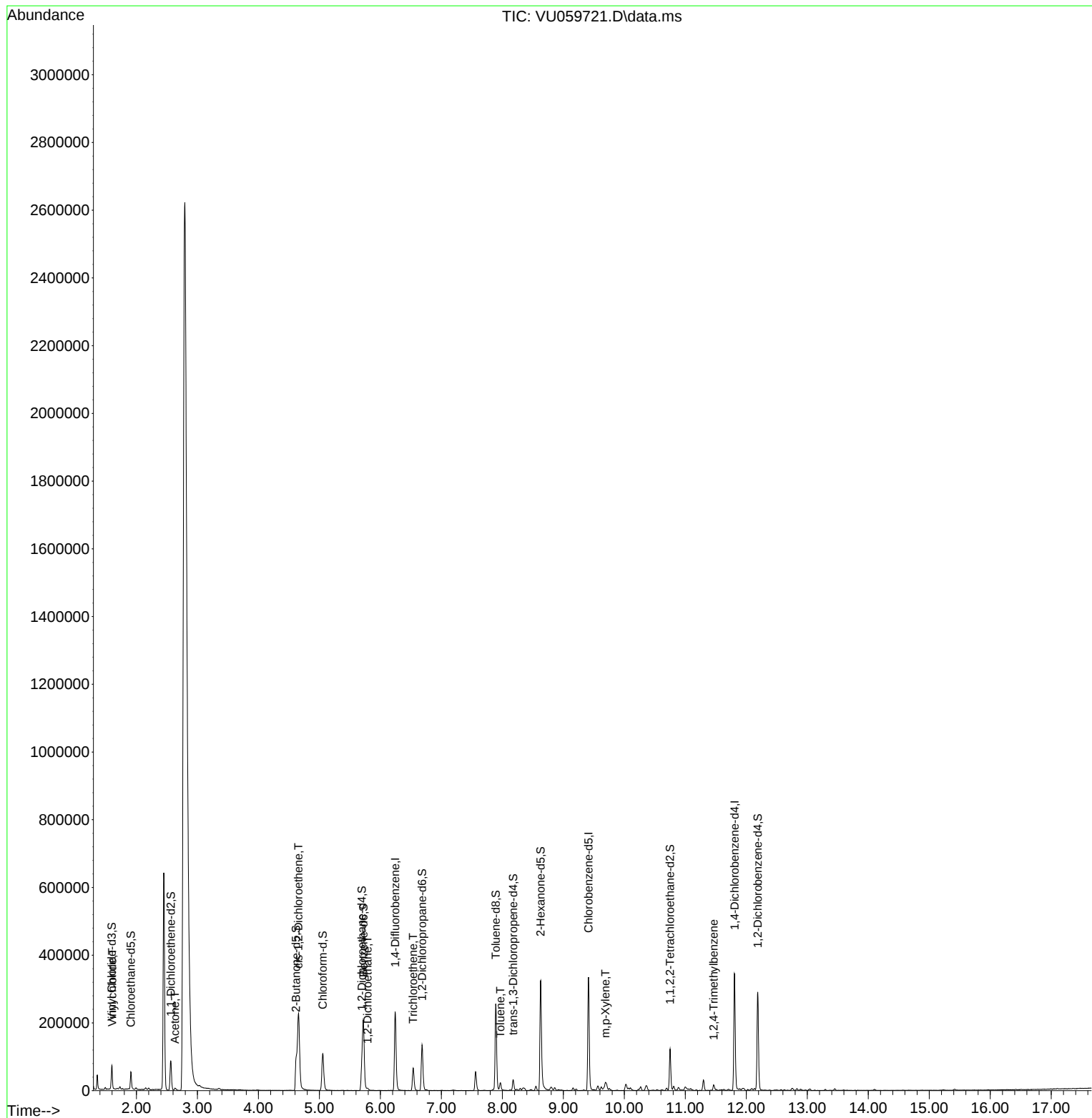
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
Data File : VU059721.D
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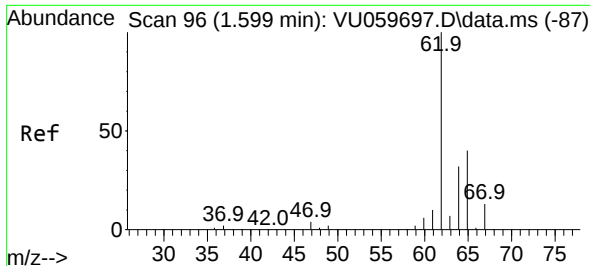
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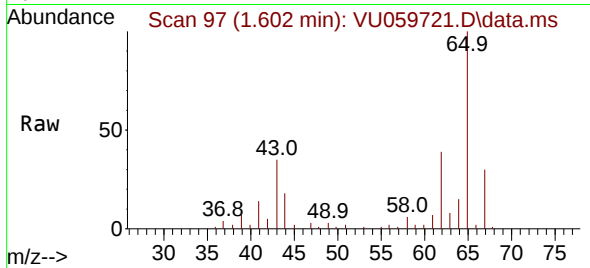
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 29 01:51:23 2024
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 0.417 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VU059721.D
 Acq: 02 Jul 2024 06:03

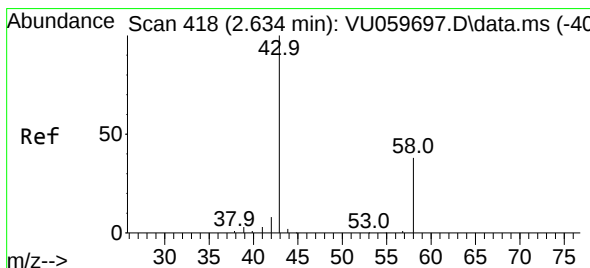
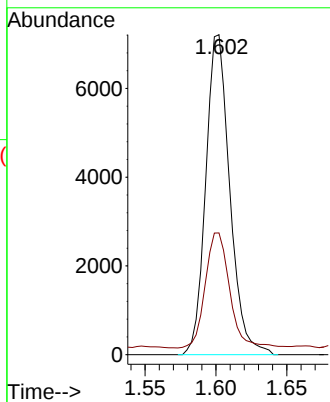
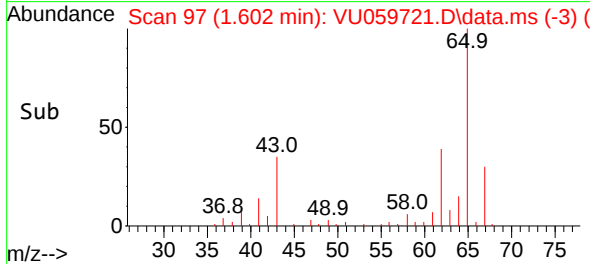
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Tgt Ion: 62 Resp: 8510
 Ion Ratio Lower Upper
 62 100
 64 38.1 23.1 42.9

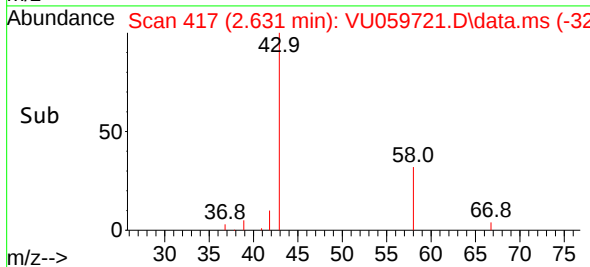
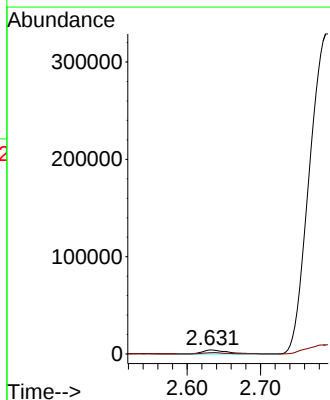
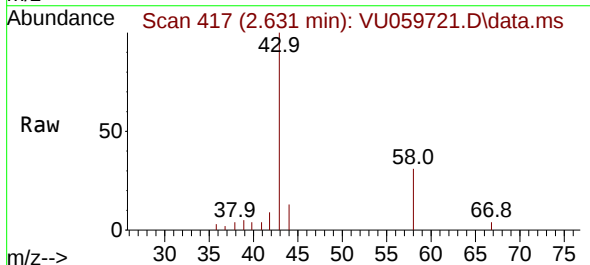
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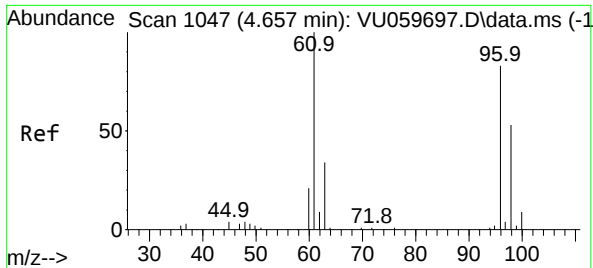
Reviewed By :Mahesh Dadoda 07/05/2024
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#13
 Acetone
 Concen: 5.461 ug/L m
 RT: 2.631 min Scan# 417
 Delta R.T. -0.003 min
 Lab File: VU059721.D
 Acq: 02 Jul 2024 06:03

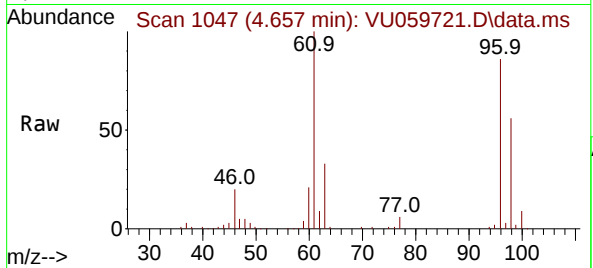
Tgt Ion: 43 Resp: 10285
 Ion Ratio Lower Upper
 43 100
 58 30.2 0.0 68.0





#22
 cis-1,2-Dichloroethene
 Concen: 7.251 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU059721.D
 Acq: 02 Jul 2024 06:03

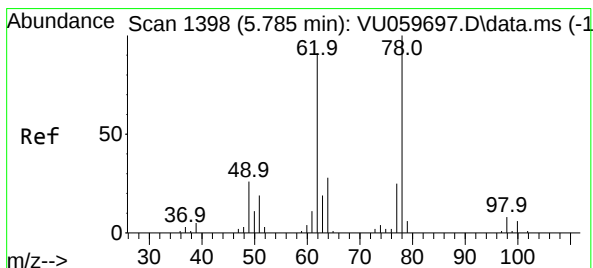
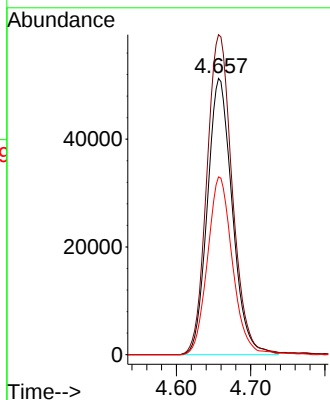
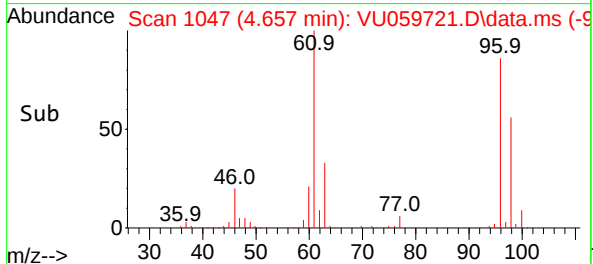
Instrument :
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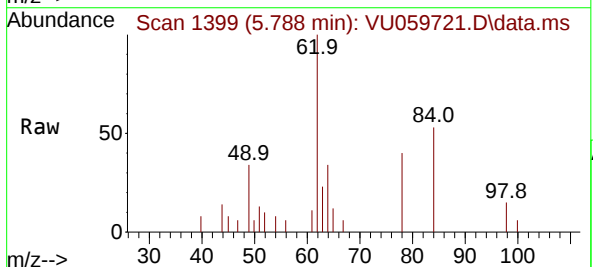
Tgt Ion: 96 Resp: 11948
 Ion Ratio Lower Upper
 96 100
 61 115.8 87.4 162.2
 98 64.3 42.3 78.5

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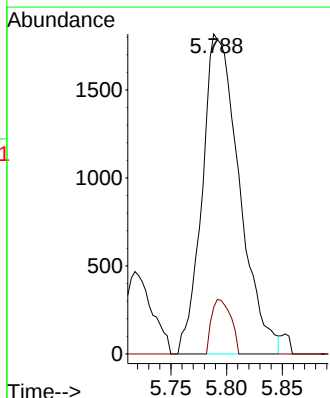
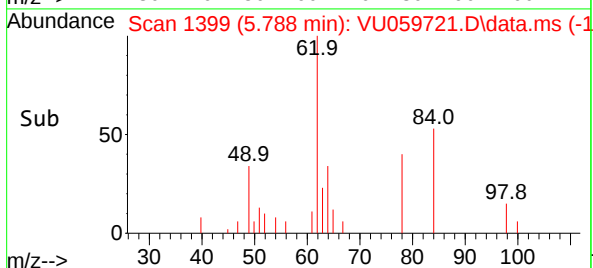
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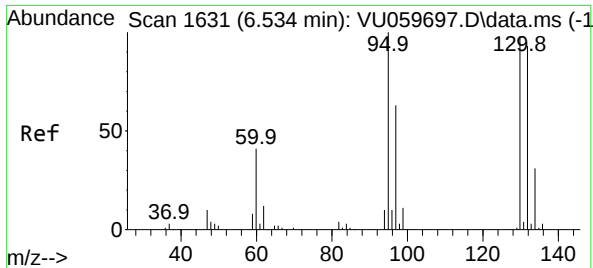


#27
 1,2-Dichloroethane
 Concen: 0.239 ug/L
 RT: 5.788 min Scan# 1399
 Delta R.T. 0.000 min
 Lab File: VU059721.D
 Acq: 02 Jul 2024 06:03



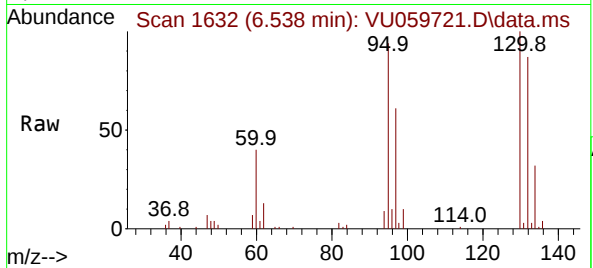
Tgt Ion: 62 Resp: 4207
 Ion Ratio Lower Upper
 62 100
 98 14.6 7.5 11.3#





#34
Trichloroethene
Concen: 1.428 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU059721.D
Acq: 02 Jul 2024 06:03

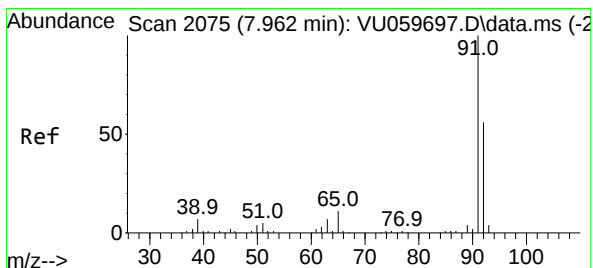
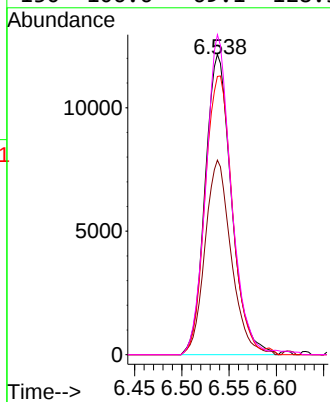
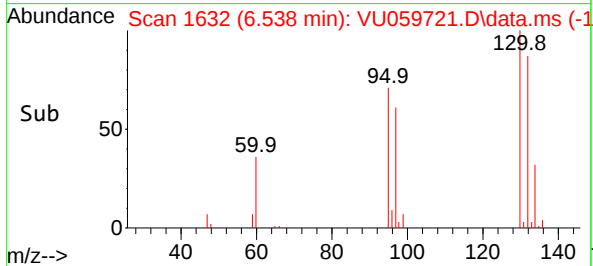
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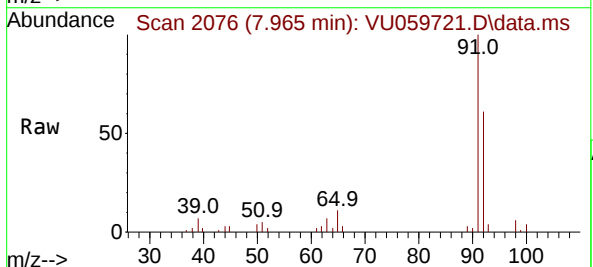
Tgt Ion: 95 Resp: 23678
Ion Ratio Lower Upper
95 100
97 64.8 45.3 84.1
132 92.6 64.0 119.0
130 106.6 69.1 128.3

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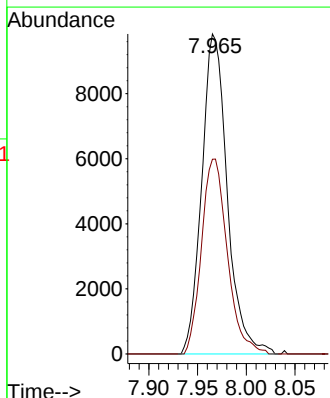
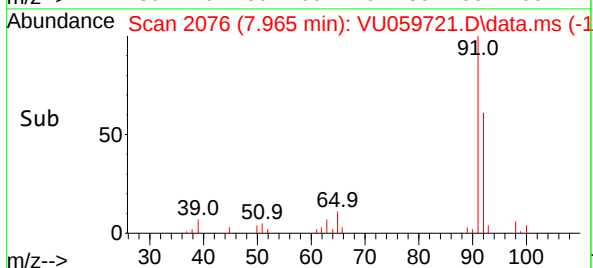
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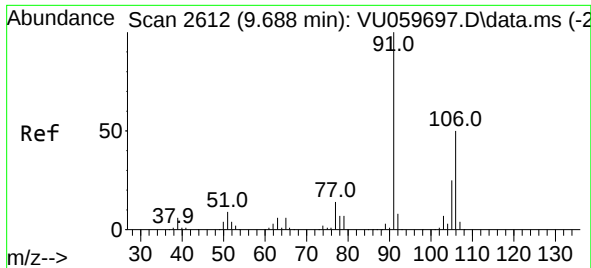


#42
Toluene
Concen: 0.277 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU059721.D
Acq: 02 Jul 2024 06:03



Tgt Ion: 91 Resp: 17930
Ion Ratio Lower Upper
91 100
92 60.8 39.7 73.7





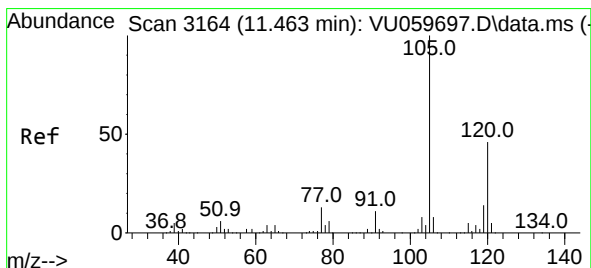
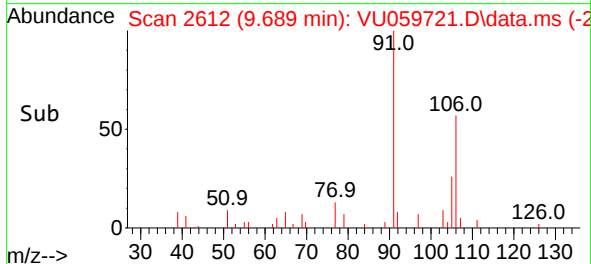
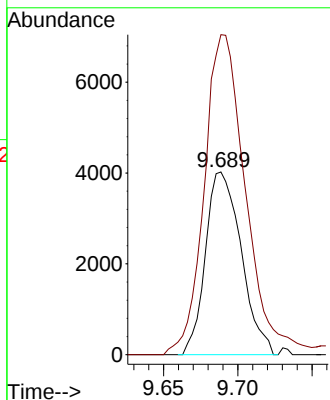
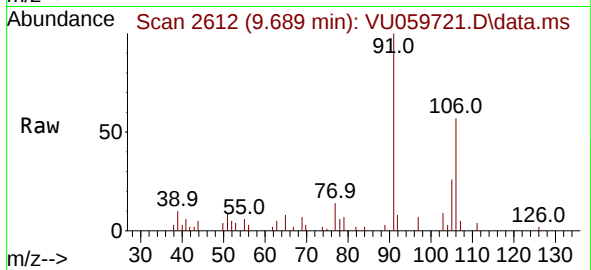
#53
m,p-Xylene
Concen: 0.263 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059721.D
Acq: 02 Jul 2024 06:03

Instrument :
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Tgt Ion:106 Resp: 6725
Ion Ratio Lower Upper
106 100
91 175.1 142.0 263.8

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#63
1,2,4-Trimethylbenzene
Concen: 0.185 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU059721.D
Acq: 02 Jul 2024 06:03

Tgt Ion:105 Resp: 8757
Ion Ratio Lower Upper
105 100
120 45.2 35.4 53.0

