

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
 Data File : VU059700.D
 Acq On : 01 Jul 2024 21:41
 Operator : MD/SY
 Sample : P3121-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BG6

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Jul 02 03:54:55 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	154511	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	167581	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	111984	5.000	ug/L	# 0.00

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System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	32704	3.044	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.800%
7) Chloroethane-d5	1.907	69	35456	3.430	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.600%
11) 1,1-Dichloroethene-d2	2.560	65	14765	3.312	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.200%
20) 2-Butanone-d5	4.644	46	152055	68.707	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	137.420%#
24) Chloroform-d	5.055	84	82777	3.754	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.000%
26) 1,2-Dichloroethane-d4	5.695	65	42315	3.983	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
32) Benzene-d6	5.721	84	171375	3.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.400%
36) 1,2-Dichloropropane-d6	6.682	67	52779	3.735	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.600%
41) Toluene-d8	7.894	98	180702	4.215	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	8.158	79	38556	8.712	ug/L	-0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	174.200%#
46) 2-Hexanone-d5	8.627	63	110870	60.296	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.600%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	68398	5.858	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	90530	4.542	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%

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Target Compounds				Qvalue		
5) Vinyl chloride	1.599	62	153415	9.856	ug/L	100
12) 1,1-Dichloroethene	2.573	96	9823	0.896	ug/L #	23
13) Acetone	2.640	43	72297	50.360	ug/L	90
14) Carbon disulfide	2.788	76	19854	0.543	ug/L	99
15) Methyl Acetate	2.952	43	68158	17.991	ug/L #	83
18) trans-1,2-Dichloroethene	3.348	96	258766	22.705	ug/L	90
22) cis-1,2-Dichloroethene	4.647	96	26144002m	2081.226	ug/L	
30) Cyclohexane	5.380	56	925197	54.152	ug/L #	93
33) Benzene	5.772	78	9361	0.184	ug/L	100
34) Trichloroethene	6.537	95	32063	2.326	ug/L	92
35) Methylcyclohexane	6.756	83	662284	33.772	ug/L	96
40) 4-Methyl-2-pentanone	7.788	43	14904	2.442	ug/L #	73
42) Toluene	7.959	91	18712489m	347.311	ug/L	
47) Tetrachloroethene	8.550	164	19229	1.798	ug/L	94
52) Ethylbenzene	9.560	91	27373019m	495.269	ug/L	
53) m,p-Xylene	9.692	106	39155953m	1844.650	ug/L	
54) o-Xylene	10.100	106	25466056m	1264.126	ug/L	
60) Isopropylbenzene	10.483	105	4634354	66.994	ug/L	98
62) 1,3,5-Trimethylbenzene	11.087	105	19626586m	358.126	ug/L	

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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)
63) 1,2,4-Trimethylbenzene	11.460	105	31826724m	607.434	ug/L	

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

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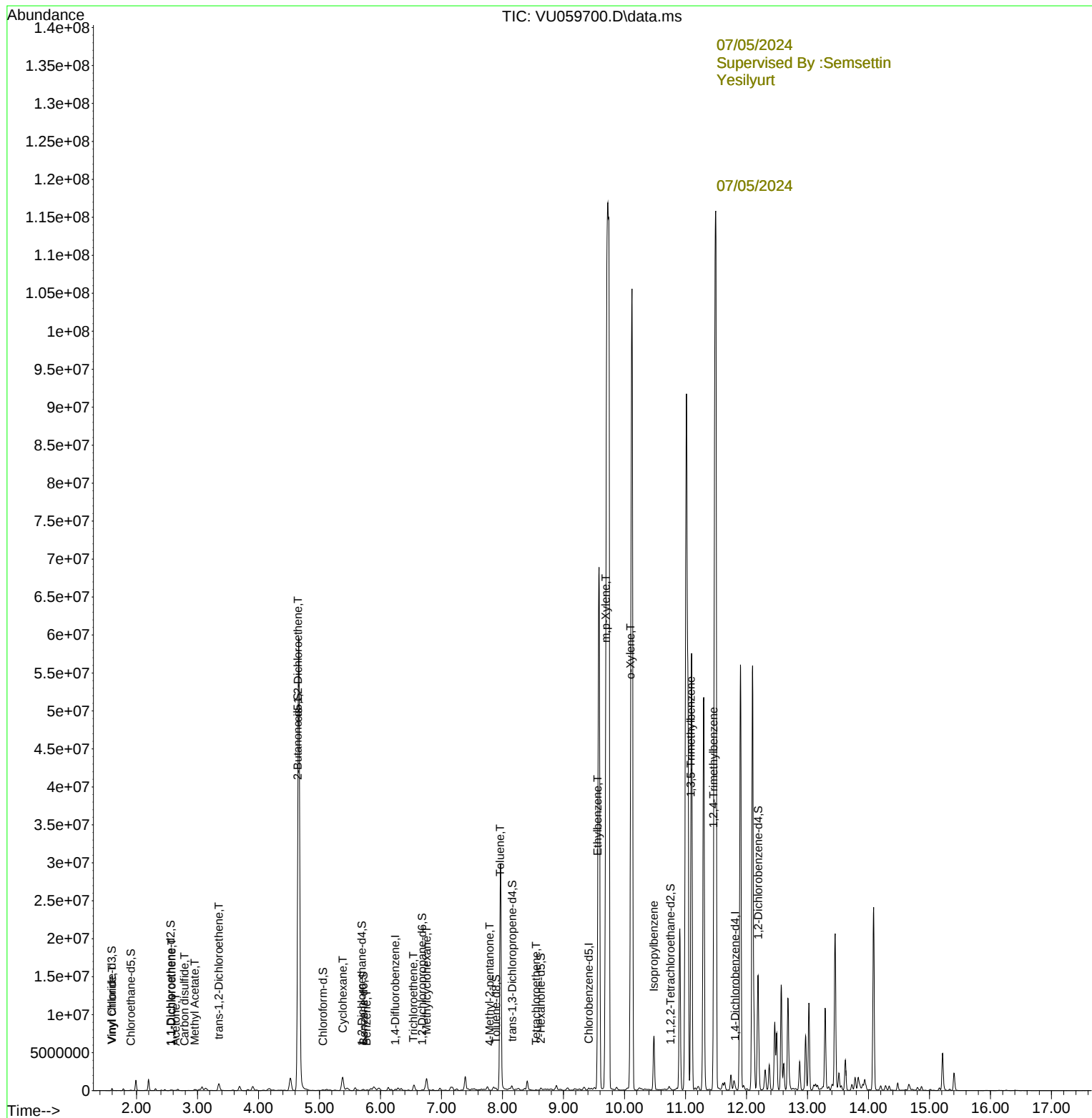
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Data File : VU059700.D
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Operator : MD/SY
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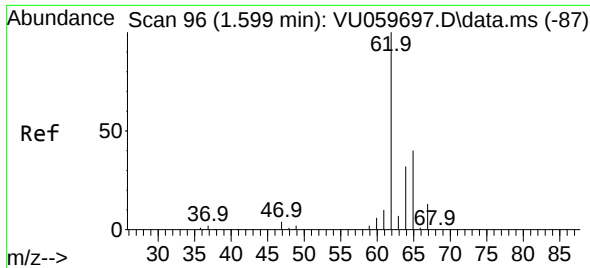
Instrument :
MSVOA_U
ClientSampleId :
C0BG6

Quant Time: Jul 02 03:54:55 2024
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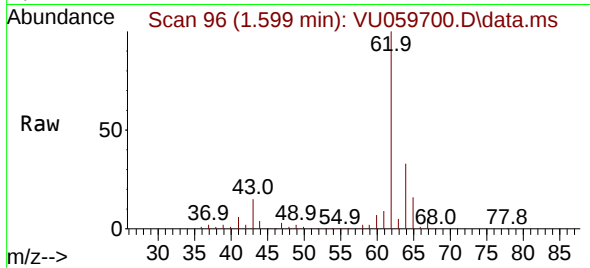
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#5
 Vinyl chloride
 Concen: 9.856 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU059700.D
 Acq: 01 Jul 2024 21:41

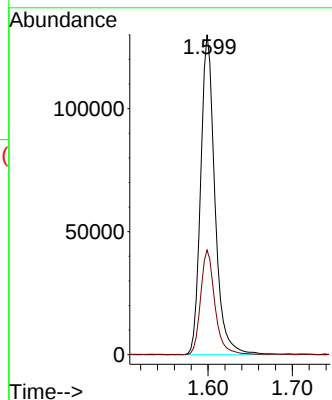
Instrument :
 MSVOA_U
 ClientSampleId :
 C0BG6



Tgt Ion: 62 Resp: 15341
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.1 42.9

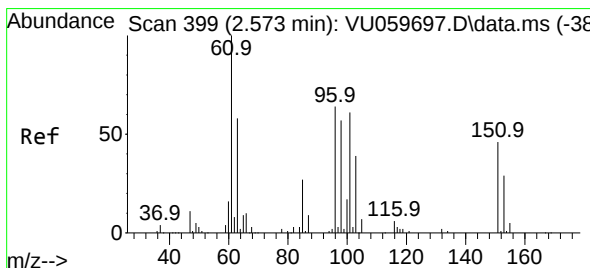
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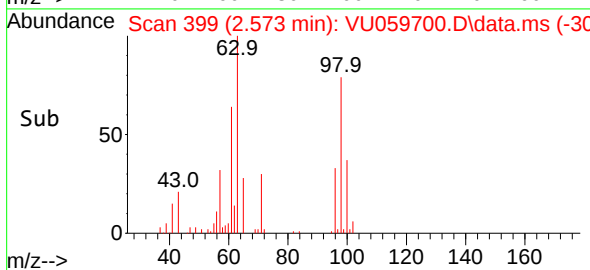
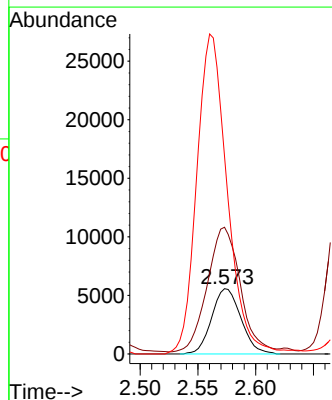
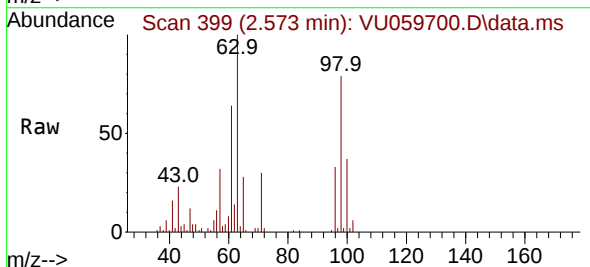
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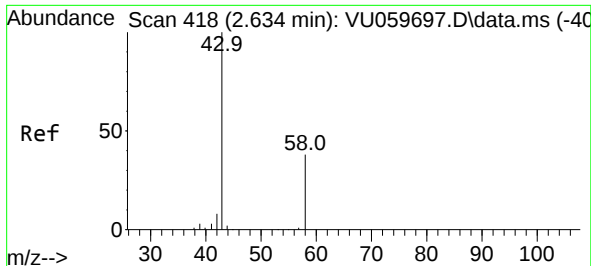
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#12
 1,1-Dichloroethene
 Concen: 0.896 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU059700.D
 Acq: 01 Jul 2024 21:41

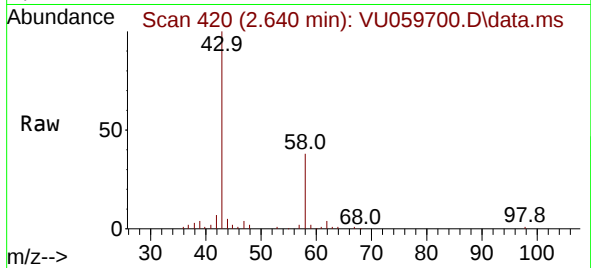
Tgt Ion: 96 Resp: 9823
 Ion Ratio Lower Upper
 96 100
 61 194.1 122.9 228.3
 63 302.9 80.4 149.4#





#13
Acetone
Concen: 50.360 ug/L
RT: 2.640 min Scan# 418
Delta R.T. 0.007 min
Lab File: VU059700.D
Acq: 01 Jul 2024 21:41

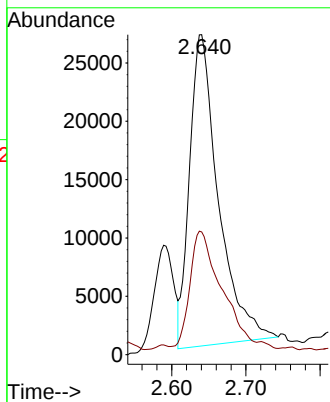
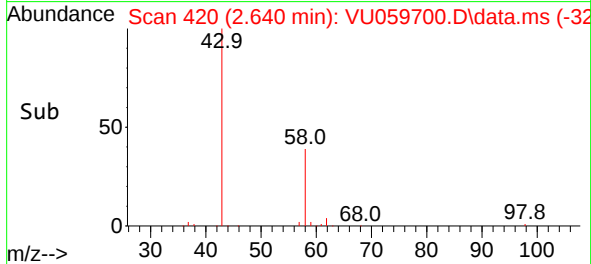
Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 43 Resp: 7229
Ion Ratio Lower Upper
43 100
58 39.7 0.0 68.0

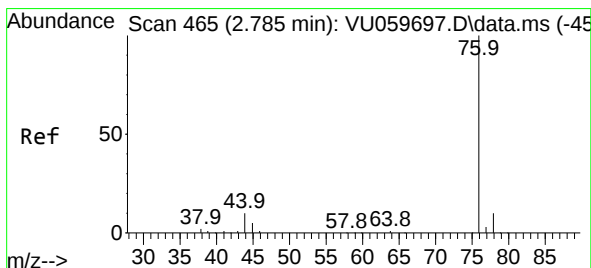
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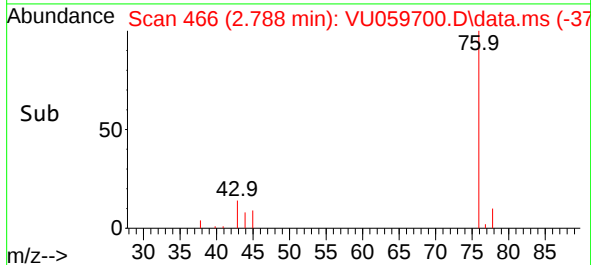
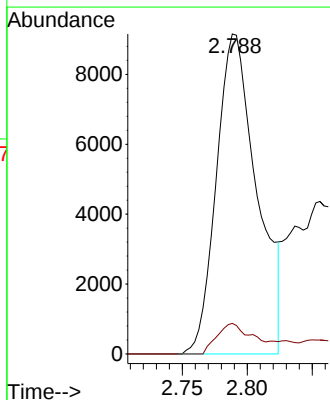
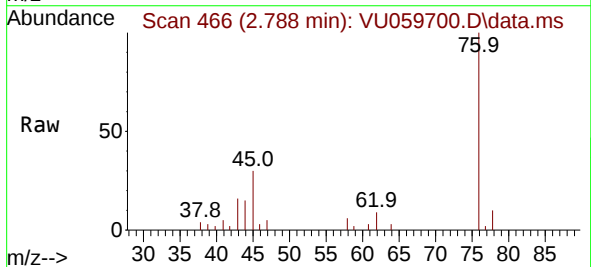
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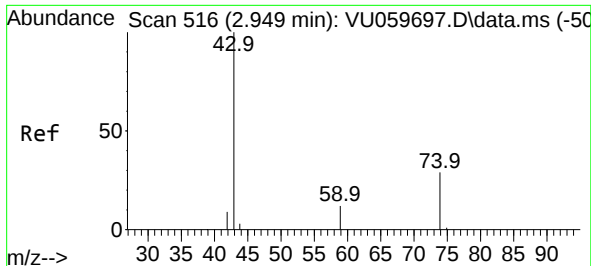
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#14
Carbon disulfide
Concen: 0.543 ug/L
RT: 2.788 min Scan# 466
Delta R.T. 0.003 min
Lab File: VU059700.D
Acq: 01 Jul 2024 21:41

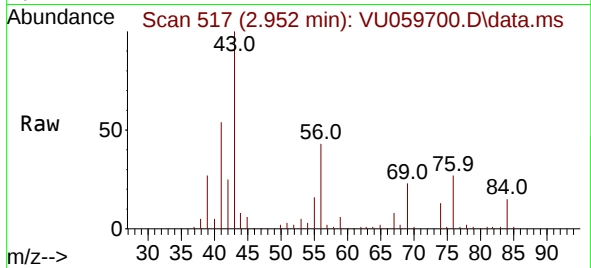
Tgt Ion: 76 Resp: 19854
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9





#15
Methyl Acetate
Concen: 17.991 ug/L
RT: 2.952 min Scan# 516
Delta R.T. 0.003 min
Lab File: VU059700.D
Acq: 01 Jul 2024 21:41

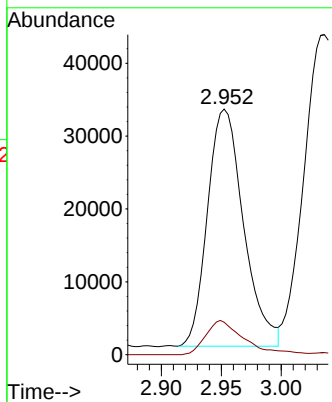
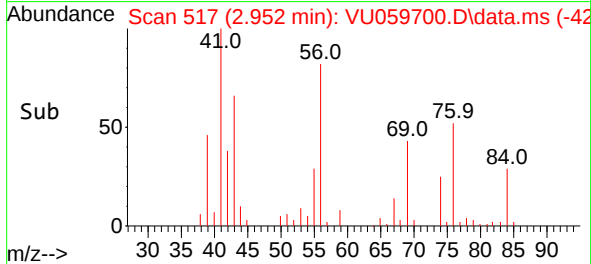
Instrument :
MSVOA_U
ClientSampleId :
C0BG6



Tgt Ion: 43 Resp: 68158
Ion Ratio Lower Upper
43 100
74 15.4 19.2 28.8

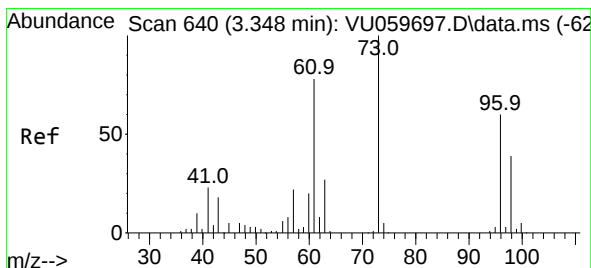
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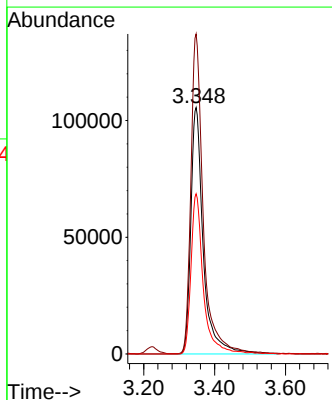
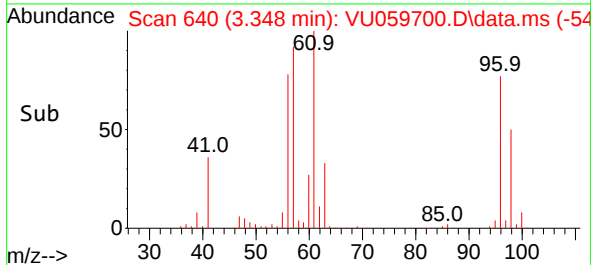
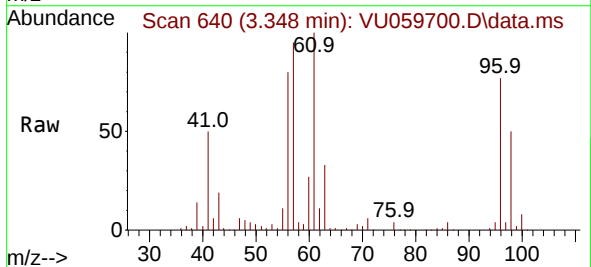
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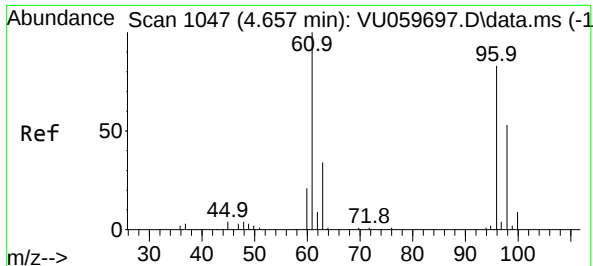
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#18
trans-1,2-Dichloroethene
Concen: 22.705 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU059700.D
Acq: 01 Jul 2024 21:41

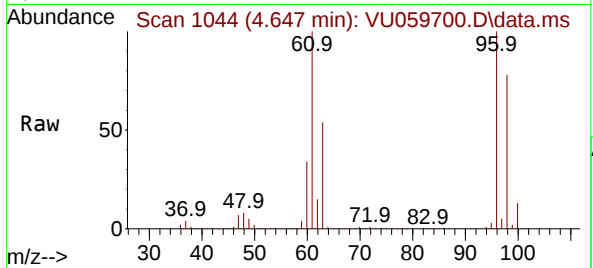
Tgt Ion: 96 Resp: 258766
Ion Ratio Lower Upper
96 100
61 129.9 101.8 189.0
98 65.0 43.3 80.5





#22
 cis-1,2-Dichloroethene
 Concen: 2081.226 ug/L m
 RT: 4.647 min Scan# 1044
 Delta R.T. -0.013 min
 Lab File: VU059700.D
 Acq: 01 Jul 2024 21:41

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BG6

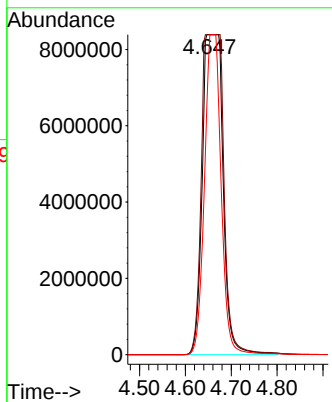
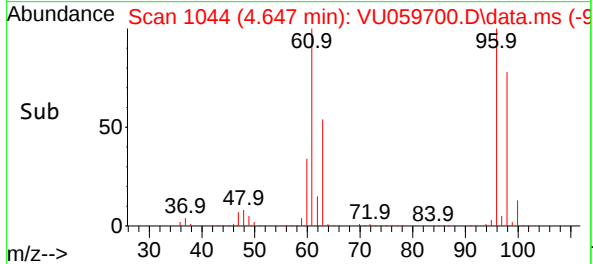


Tgt Ion: 96 Resp: 2614400

Ion	Ratio	Lower	Upper
96	100		
61	100.0	87.4	162.2
98	77.6	42.3	78.5

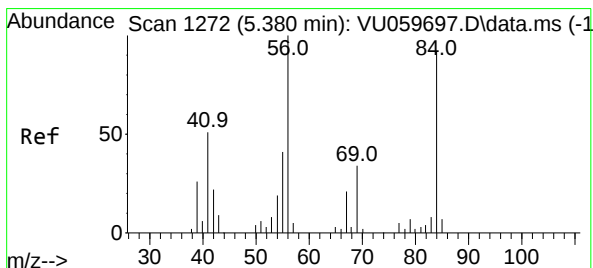
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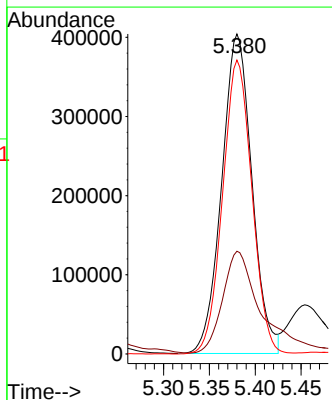
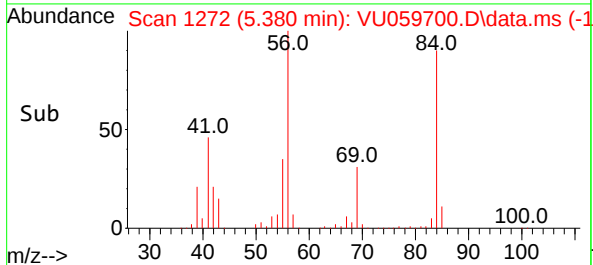
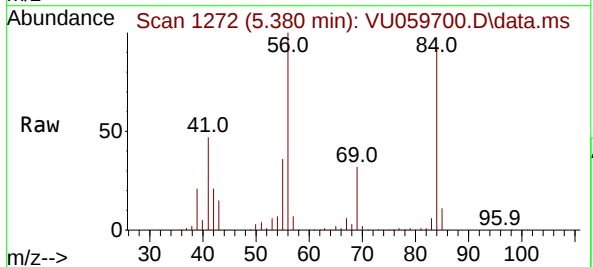
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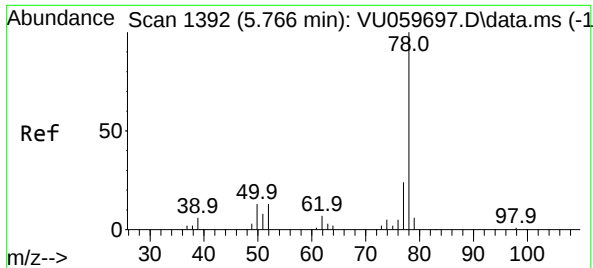


#30
 Cyclohexane
 Concen: 54.152 ug/L
 RT: 5.380 min Scan# 1272
 Delta R.T. 0.000 min
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Tgt Ion: 56 Resp: 925197

Ion	Ratio	Lower	Upper
56	100		
69	42.2	24.8	37.2
84	89.2	69.8	104.8





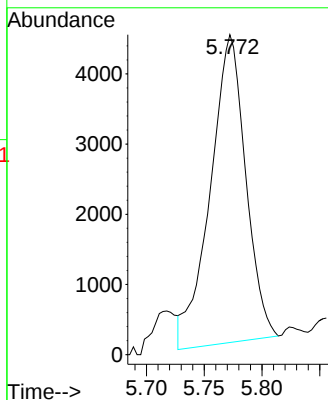
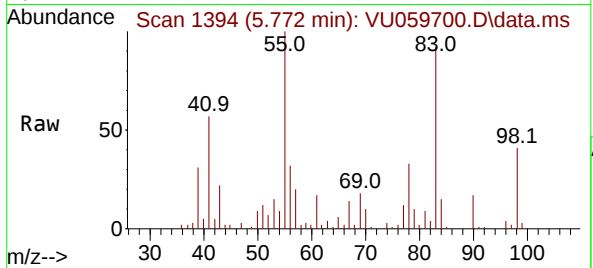
#33
Benzene
Concen: 0.184 ug/L
RT: 5.772 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU059700.D
Acq: 01 Jul 2024 21:41

Instrument :
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ClientSampleId :
C0BG6

Tgt Ion: 78 Resp: 936

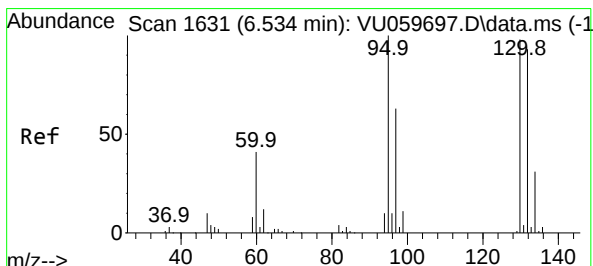
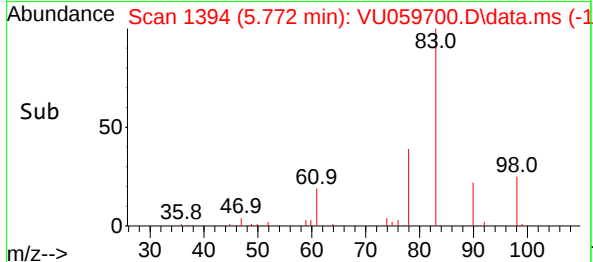
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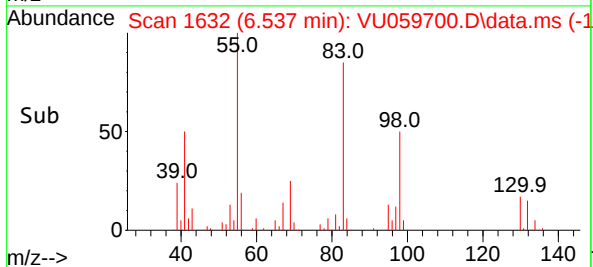
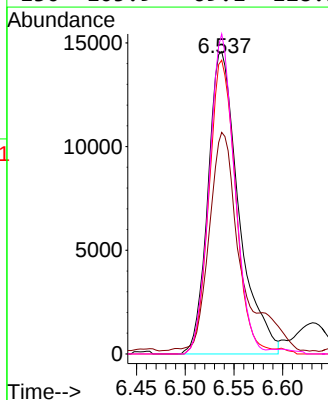
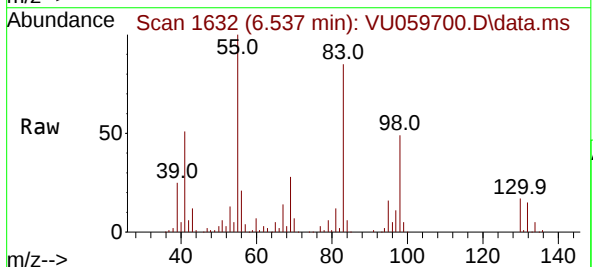
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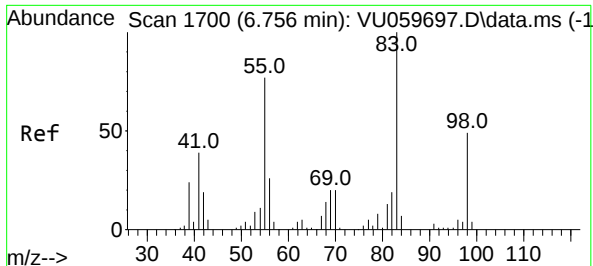
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#34
Trichloroethene
Concen: 2.326 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU059700.D
Acq: 01 Jul 2024 21:41

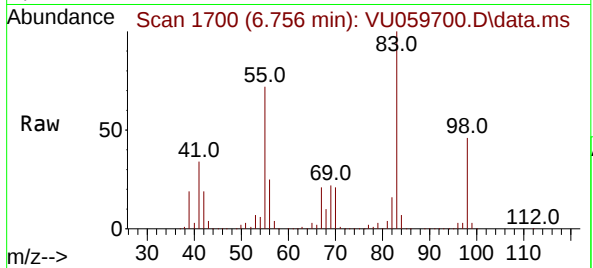
Tgt Ion: 95 Resp: 32063
Ion Ratio Lower Upper
95 100
97 73.3 45.3 84.1
132 97.2 64.0 119.0
130 105.9 69.1 128.3





#35
Methylcyclohexane
Concen: 33.772 ug/L
RT: 6.756 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU059700.D
Acq: 01 Jul 2024 21:41

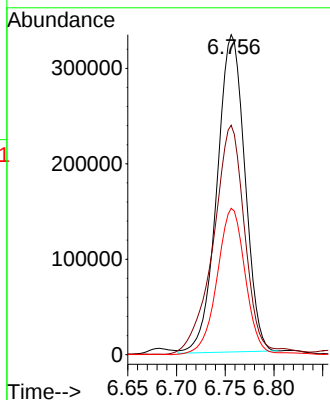
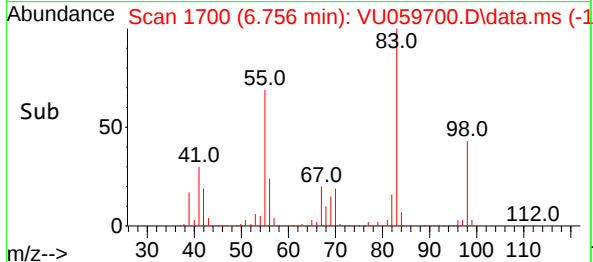
Instrument :
MSVOA_U
ClientSampleId :
C0BG6



Tgt Ion: 83 Resp: 662284
Ion Ratio Lower Upper
83 100
55 82.0 62.7 94.1
98 47.2 35.4 53.0

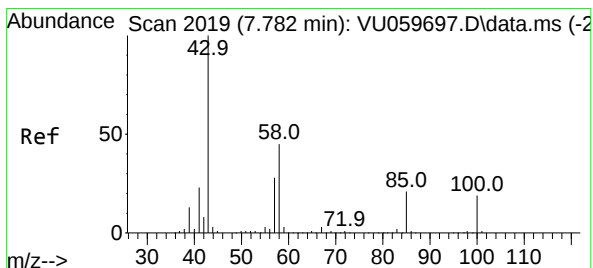
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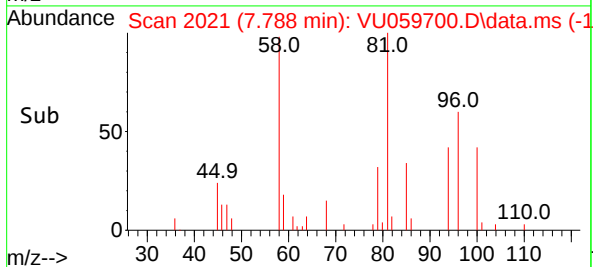
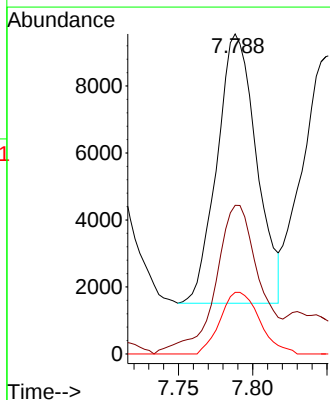
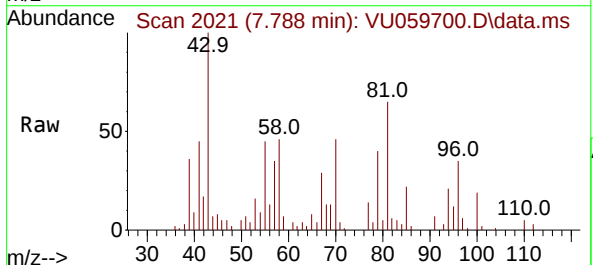
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Supervised By :Semsettin
Yesilyurt

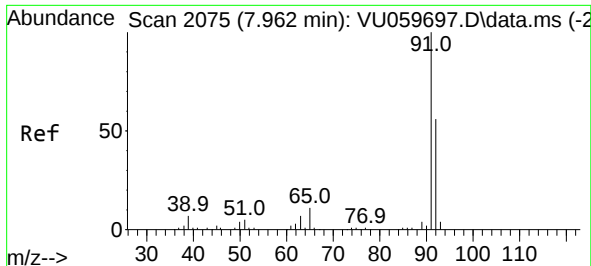
07/05/2024



#40
4-Methyl-2-pentanone
Concen: 2.442 ug/L
RT: 7.788 min Scan# 2021
Delta R.T. 0.007 min
Lab File: VU059700.D
Acq: 01 Jul 2024 21:41

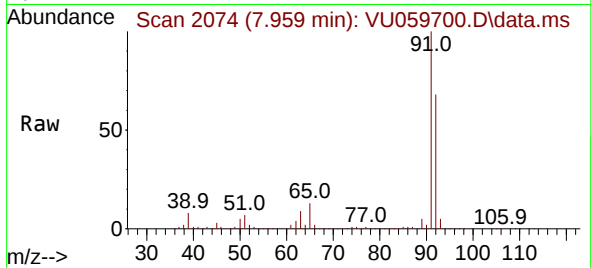
Tgt Ion: 43 Resp: 14904
Ion Ratio Lower Upper
43 100
58 61.4 34.0 51.0#
100 22.8 12.1 18.1#





#42
Toluene
Concen: 347.311 ug/L m
RT: 7.959 min Scan# 2075
Delta R.T. -0.003 min
Lab File: VU059700.D
Acq: 01 Jul 2024 21:41

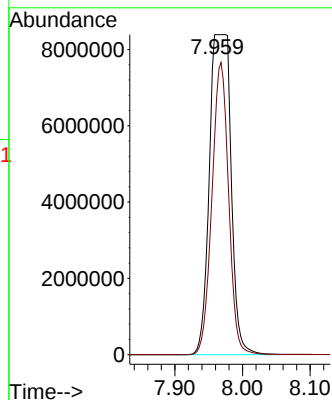
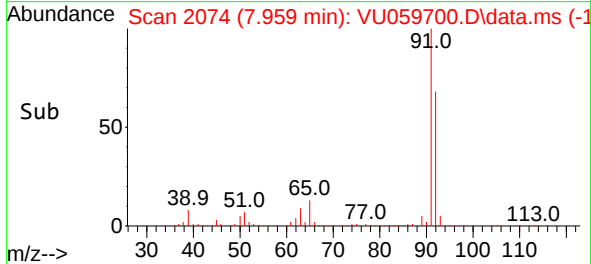
Instrument :
MSVOA_U
ClientSampleId :
C0BG6



Tgt Ion: 91 Resp: 1871248
Ion Ratio Lower Upper
91 100
92 67.5 39.7 73.7

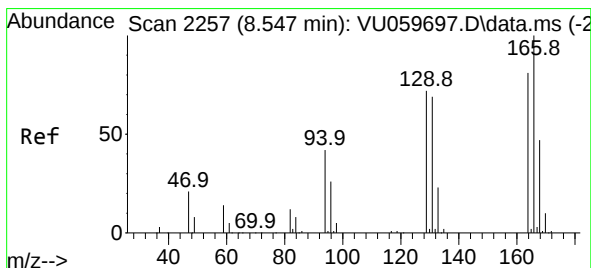
Manual Integrations
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Reviewed By :Mahesh
Dadoda



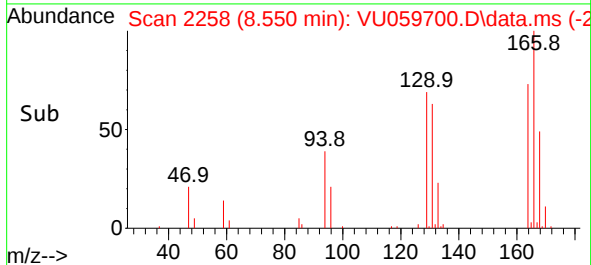
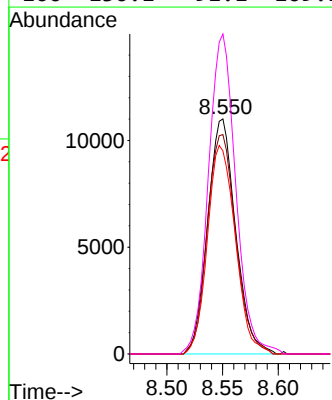
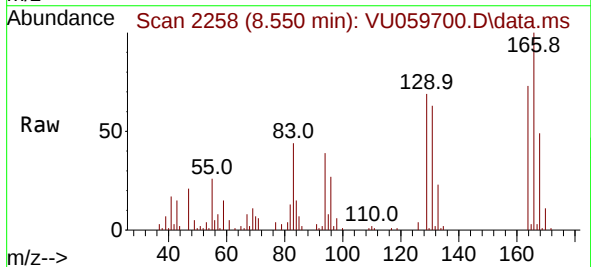
07/05/2024
Supervised By :Semsettin
Yesilyurt

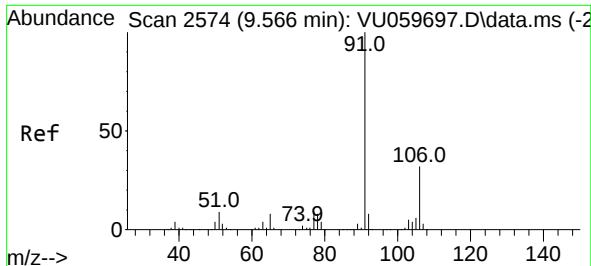
07/05/2024



#47
Tetrachloroethene
Concen: 1.798 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU059700.D
Acq: 01 Jul 2024 21:41

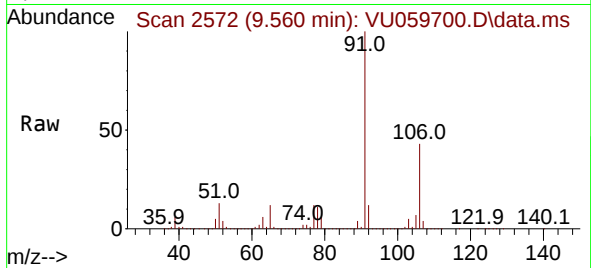
Tgt Ion: 164 Resp: 19229
Ion Ratio Lower Upper
164 100
129 93.3 70.8 131.4
131 86.4 64.8 120.3
166 136.1 91.1 169.1





#52
Ethylbenzene
Concen: 495.269 ug/L m
RT: 9.560 min Scan# 215
Delta R.T. -0.003 min
Lab File: VU059700.D
Acq: 01 Jul 2024 21:41

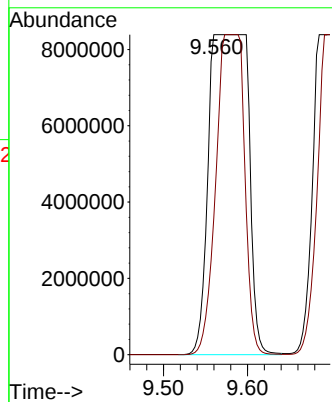
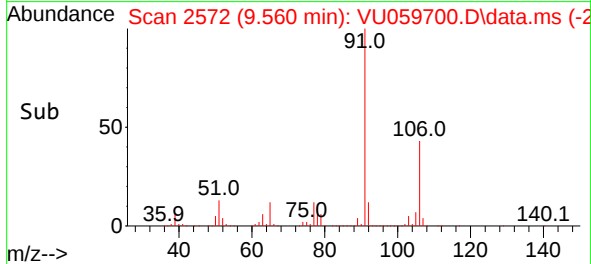
Instrument :
MSVOA_U
ClientSampleId :
C0BG6



Tgt Ion: 91 Resp:27373019
Ion Ratio Lower Upper
91 100
106 42.8 20.9 38.7

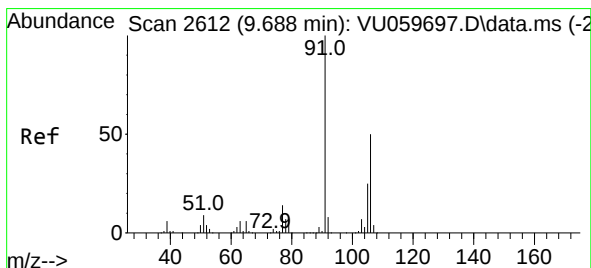
Manual Integrations
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Reviewed By :Mahesh
Dadoda



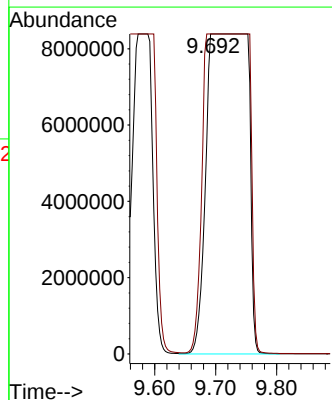
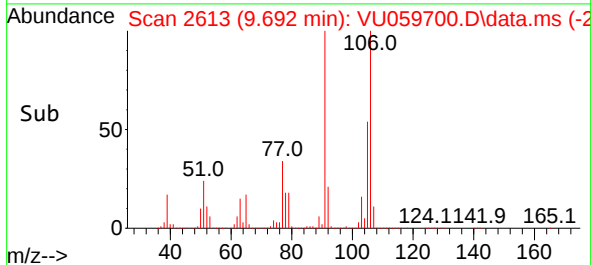
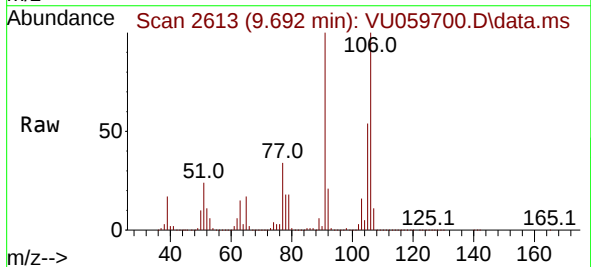
07/05/2024
Supervised By :Semsettin
Yesilyurt

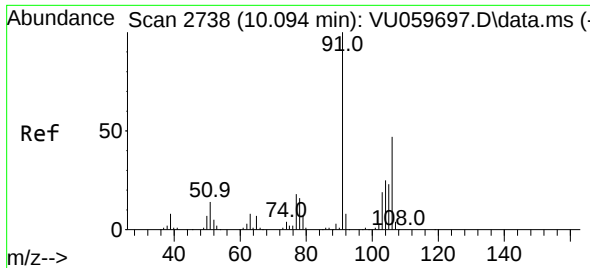
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#53
m,p-Xylene
Concen: 1844.650 ug/L m
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU059700.D
Acq: 01 Jul 2024 21:41

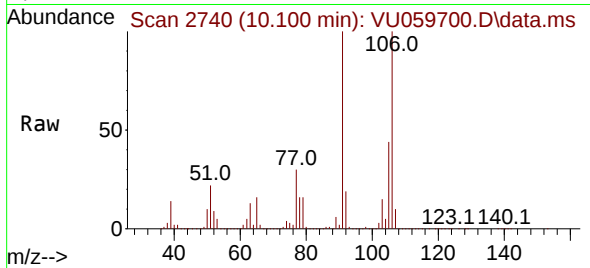
Tgt Ion:106 Resp:39155953
Ion Ratio Lower Upper
106 100
91 100.0 142.0 263.8#





#54
o-Xylene
Concen: 1264.126 ug/L m
RT: 10.100 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU059700.D
Acq: 01 Jul 2024 21:41

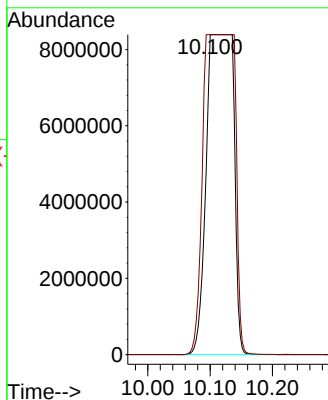
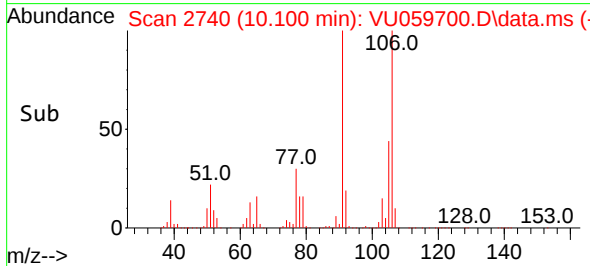
Instrument :
MSVOA_U
ClientSampleId :
C0BG6



Tgt Ion:106 Resp:2546605
Ion Ratio Lower Upper
106 100
91 100.0 151.6 281.6

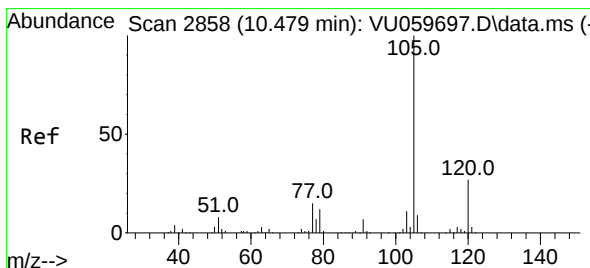
Manual Integrations
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Reviewed By :Mahesh
Dadoda



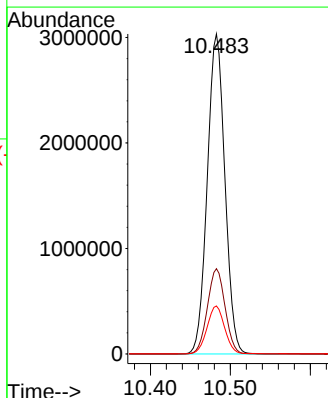
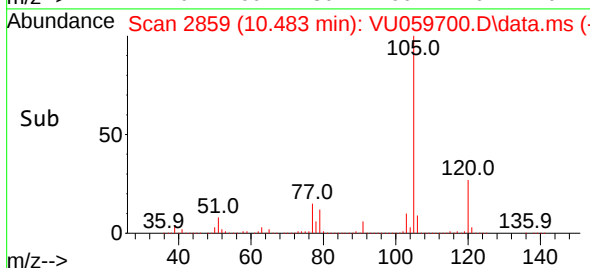
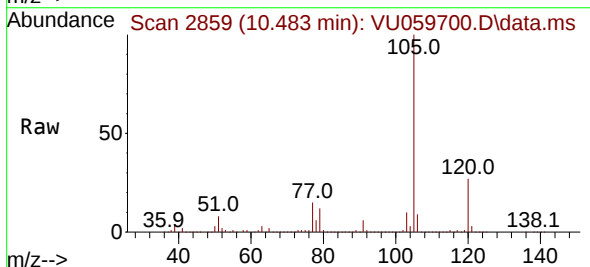
07/05/2024
Supervised By :Semsettin
Yesilyurt

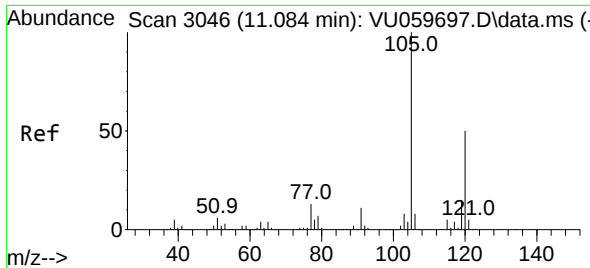
07/05/2024



#60
Isopropylbenzene
Concen: 66.994 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.003 min
Lab File: VU059700.D
Acq: 01 Jul 2024 21:41

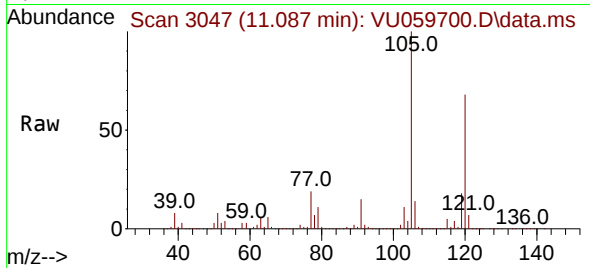
Tgt Ion:105 Resp: 4634354
Ion Ratio Lower Upper
105 100
120 26.8 20.6 31.0
77 15.0 12.8 19.2





#62
1,3,5-Trimethylbenzene
Concen: 358.126 ug/L m
RT: 11.087 min Scan# 3046
Delta R.T. 0.003 min
Lab File: VU059700.D
Acq: 01 Jul 2024 21:41

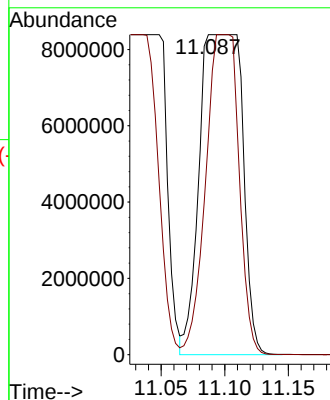
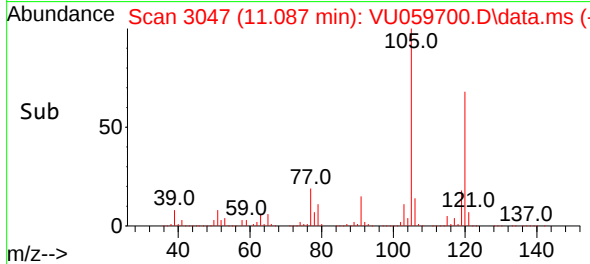
Instrument :
MSVOA_U
ClientSampleId :
C0BG6



Tgt Ion:105 Resp:1962658
Ion Ratio Lower Upper
105 100
120 76.9 38.2 57.4

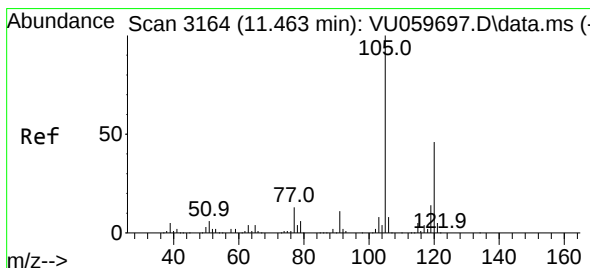
Manual Integrations
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Reviewed By :Mahesh
Dadoda



07/05/2024
Supervised By :Semsettin
Yesilyurt

07/05/2024



#63
1,2,4-Trimethylbenzene
Concen: 607.434 ug/L m
RT: 11.460 min Scan# 3163
Delta R.T. -0.003 min
Lab File: VU059700.D
Acq: 01 Jul 2024 21:41

Tgt Ion:105 Resp:31826724
Ion Ratio Lower Upper
105 100
120 0.0 35.4 53.0#

