

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102623\
 Data File : VU055900.D
 Acq On : 26 Oct 2023 12:42
 Operator : MD/SY
 Sample : 04952-05DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EOAR4DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/27/2023
 Supervised By : Mahesh Dadoda 10/27/2023

Quant Time: Oct 27 02:50:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 27 02:48:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	533854	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	532736	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	282964	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	219934	45.930	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.860%		
7) Chloroethane-d5	1.891	69	179335	45.817	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.640%		
11) 1,1-Dichloroethene-d2	2.560	63	300231	35.164	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.320%		
21) 2-Butanone-d5	4.615	46	258732	72.920	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	72.920%		
24) Chloroform-d	5.058	84	397868	43.341	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.680%		
26) 1,2-Dichloroethane-d4	5.695	65	259563	45.937	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.880%		
32) Benzene-d6	5.721	84	844226	49.529	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.060%		
36) 1,2-Dichloropropane-d6	6.685	67	263029	48.744	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.480%		
41) Toluene-d8	7.894	98	748902	48.658	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.320%		
43) trans-1,3-Dichloroprop...	8.177	79	121545	46.890	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.780%		
47) 2-Hexanone-d5	8.631	63	230318	108.571	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	108.570%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	413679	49.805	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.600%		
66) 1,2-Dichlorobenzene-d4	12.190	152	314749	56.052	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	112.100%		
Target Compounds						
18) Methyl tert-butyl Ether	3.357	73	26182	2.104	ug/L	# 58
29) Cyclohexane	5.377	56	17019m	2.787	ug/L	
33) Benzene	5.769	78	671805	39.893	ug/L	100
35) Methylcyclohexane	6.759	83	21367	3.196	ug/L	91
51) Chlorobenzene	9.444	112	143269	12.461	ug/L	98
54) o-Xylene	10.100	106	8826	1.253	ug/L	92
61) Isopropylbenzene	10.483	105	63573	3.604	ug/L	99
65) 1,4-Dichlorobenzene	11.836	146	11938	1.332	ug/L	87

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

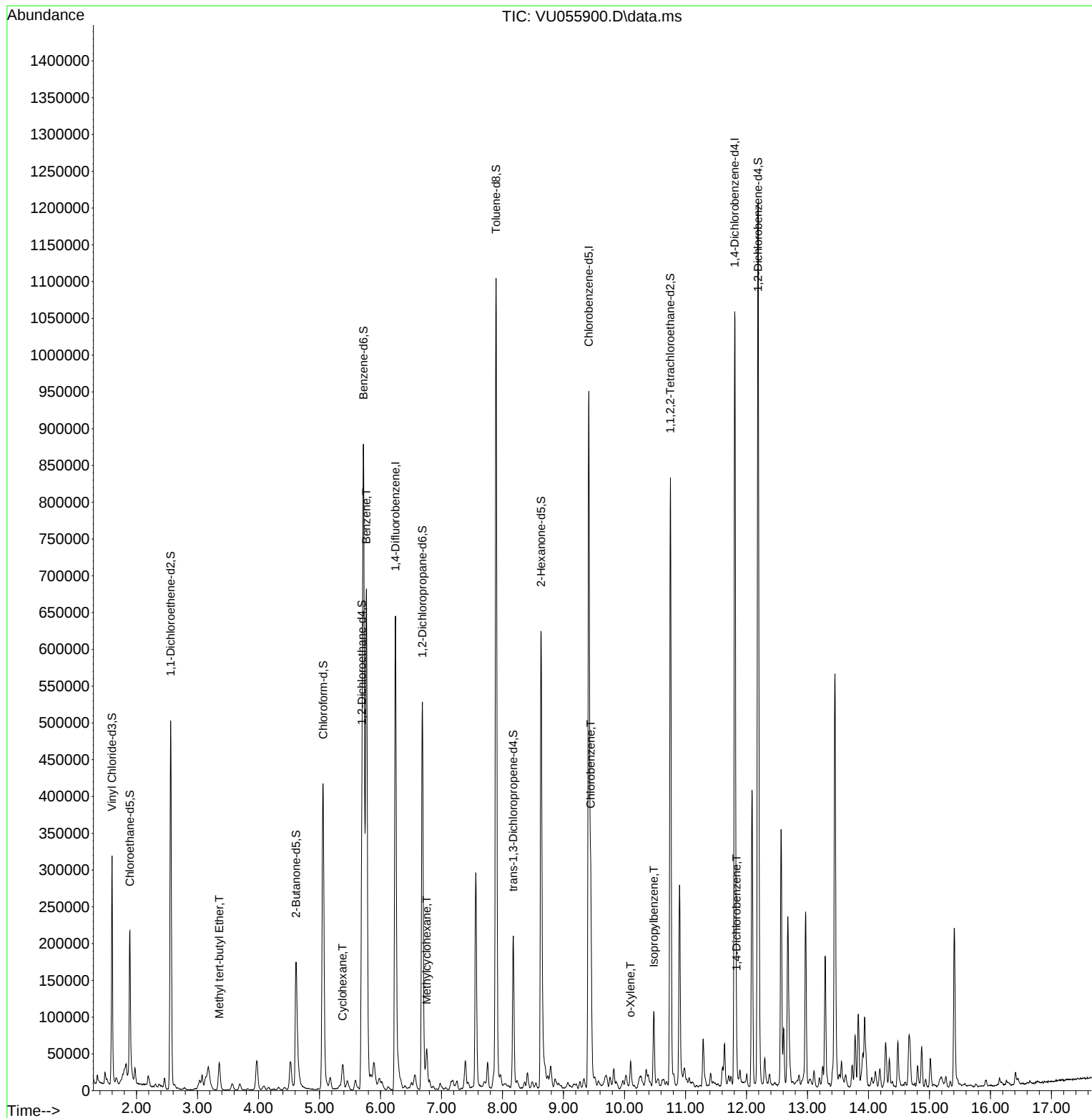
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102623\
Data File : VU055900.D
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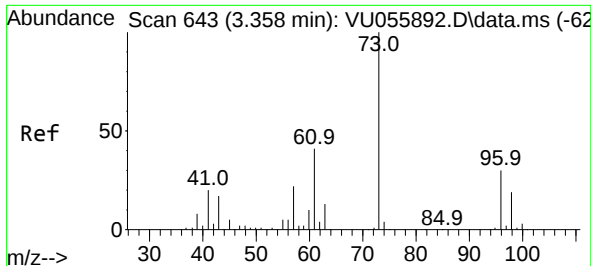
Instrument :
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Quant Title : VOC Analysis
QLast Update : Fri Oct 27 02:48:43 2023
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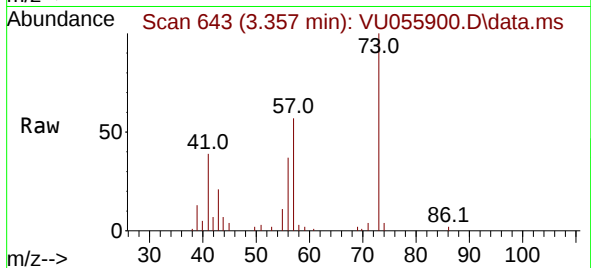
Reviewed By : John Carlone 10/27/2023
Supervised By : Mahesh Dadoda 10/27/2023





#18
Methyl tert-butyl Ether
Concen: 2.104 ug/L
RT: 3.357 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU055900.D
Acq: 26 Oct 2023 12:42

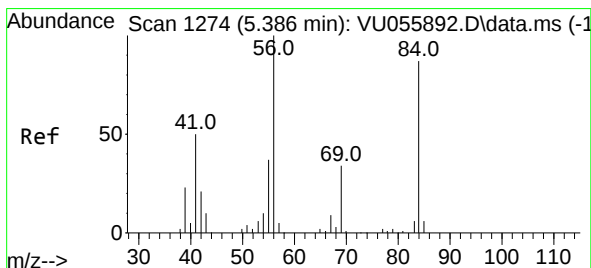
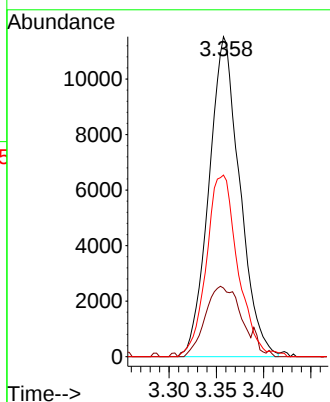
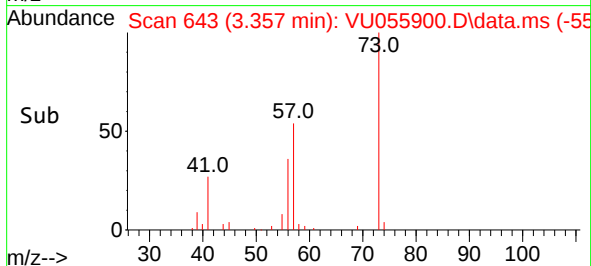
Instrument :
MSVOA_U
ClientSampleId :
EOAR4DL



Tgt Ion: 73 Resp: 2618
Ion Ratio Lower Upper
73 100
43 17.0 15.4 23.2
57 57.2 17.7 26.5

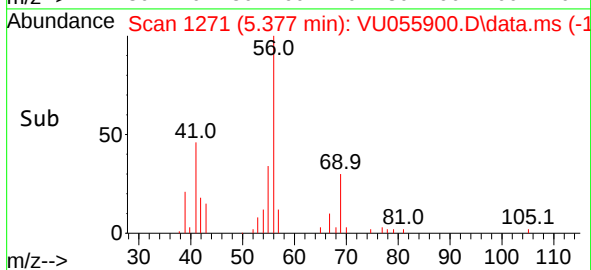
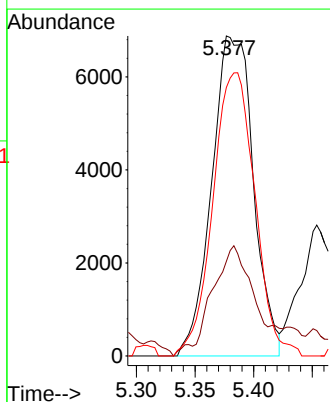
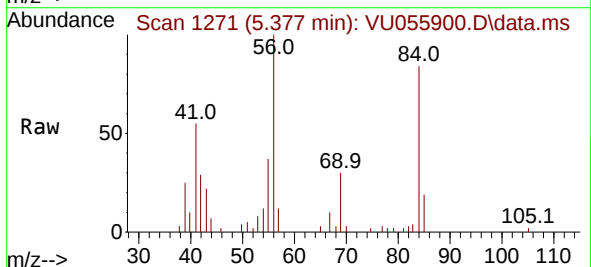
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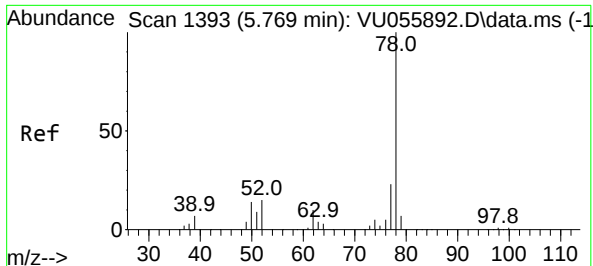
Reviewed By :John Carlone 10/27/2023
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#29
Cyclohexane
Concen: 2.787 ug/L m
RT: 5.377 min Scan# 1271
Delta R.T. -0.010 min
Lab File: VU055900.D
Acq: 26 Oct 2023 12:42

Tgt Ion: 56 Resp: 17019
Ion Ratio Lower Upper
56 100
69 27.3 24.9 37.3
84 89.5 70.7 106.1





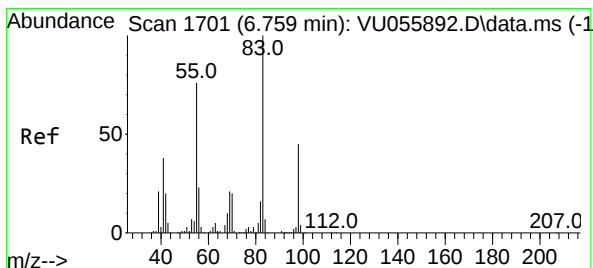
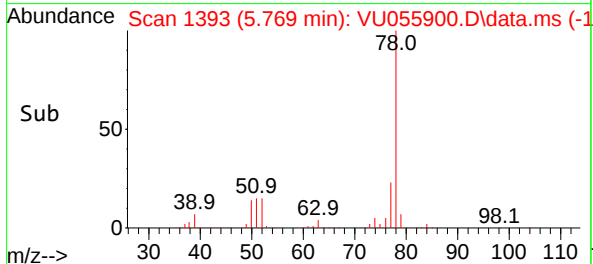
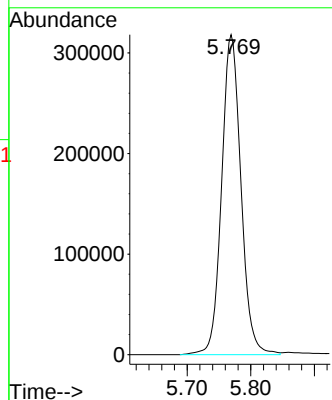
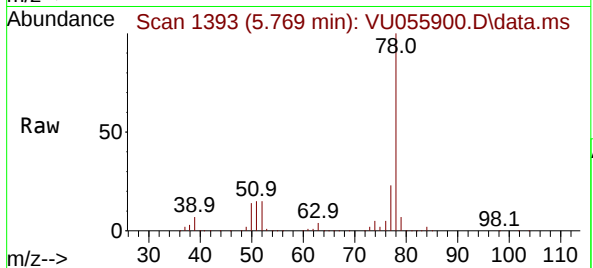
#33
Benzene
Concen: 39.893 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU055900.D
Acq: 26 Oct 2023 12:42

Instrument :
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Tgt Ion: 78 Resp: 67180

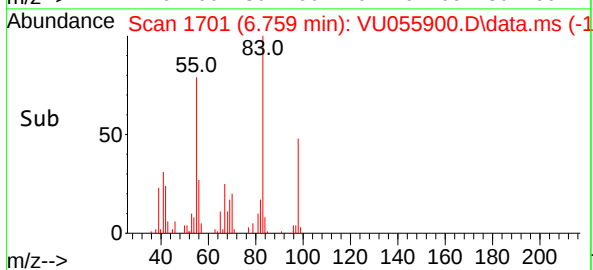
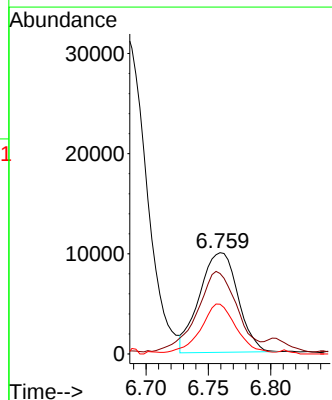
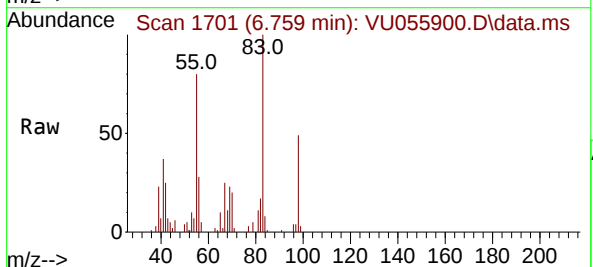
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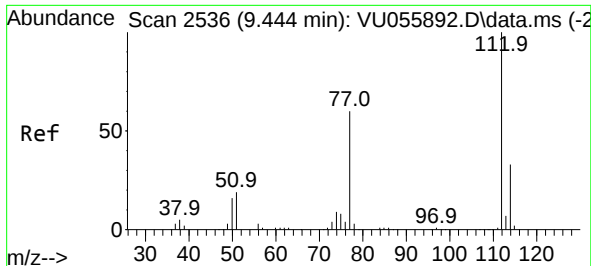
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#35
Methylcyclohexane
Concen: 3.196 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU055900.D
Acq: 26 Oct 2023 12:42

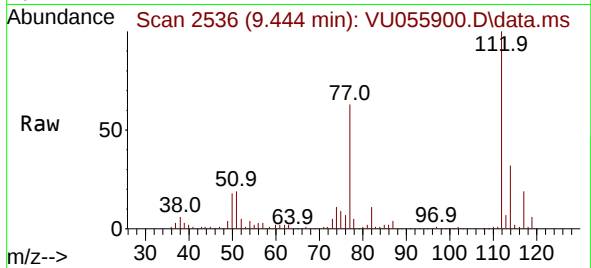
Tgt Ion: 83 Resp: 21367
Ion Ratio Lower Upper
83 100
55 86.6 61.2 91.8
98 47.0 35.8 53.6





#51
Chlorobenzene
Concen: 12.461 ug/L
RT: 9.444 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055900.D
Acq: 26 Oct 2023 12:42

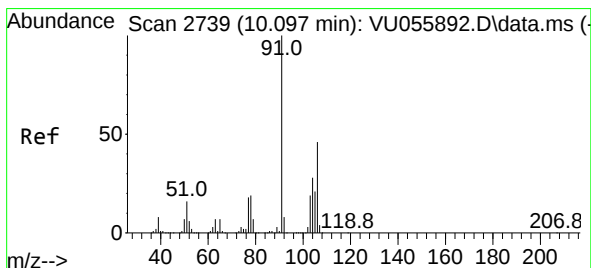
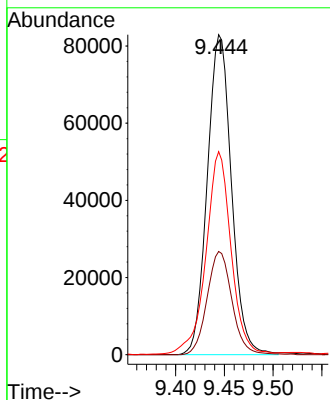
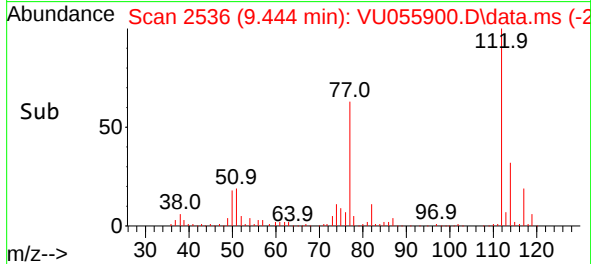
Instrument :
MSVOA_U
ClientSampleId :
EOAR4DL



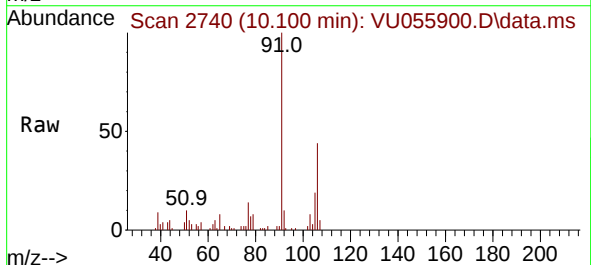
Tgt Ion:112 Resp: 143269
Ion Ratio Lower Upper
112 100
114 32.3 22.0 40.8
77 63.5 49.0 73.6

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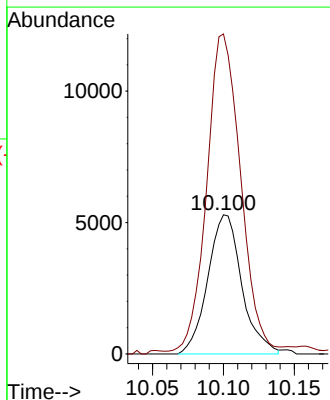
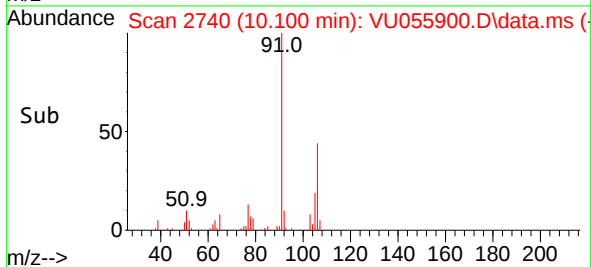
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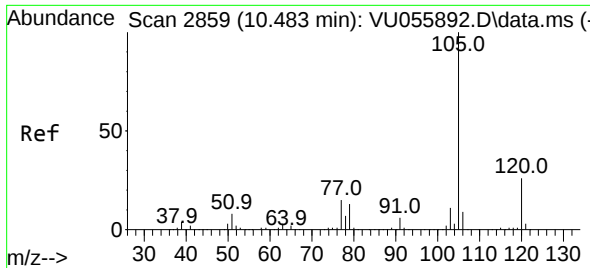


#54
o-Xylene
Concen: 1.253 ug/L
RT: 10.100 min Scan# 2740
Delta R.T. 0.003 min
Lab File: VU055900.D
Acq: 26 Oct 2023 12:42



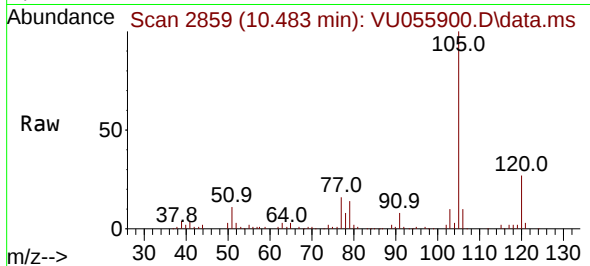
Tgt Ion:106 Resp: 8826
Ion Ratio Lower Upper
106 100
91 229.7 151.8 282.0





#61
Isopropylbenzene
Concen: 3.604 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. -0.000 min
Lab File: VU055900.D
Acq: 26 Oct 2023 12:42

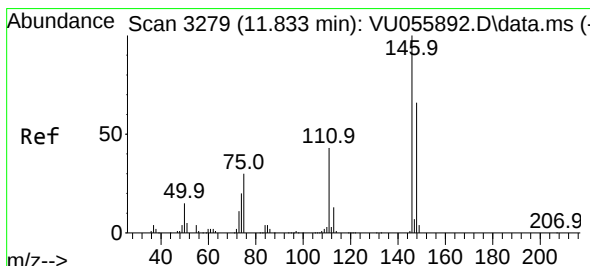
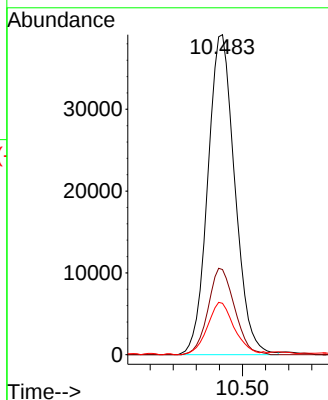
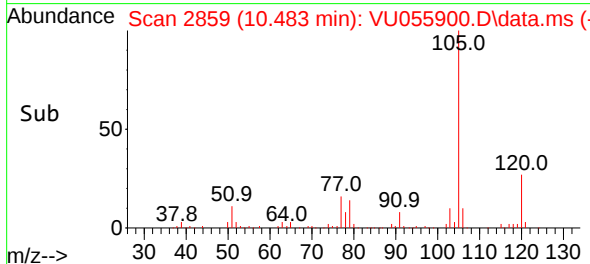
Instrument :
MSVOA_U
ClientSampleId :
EOAR4DL



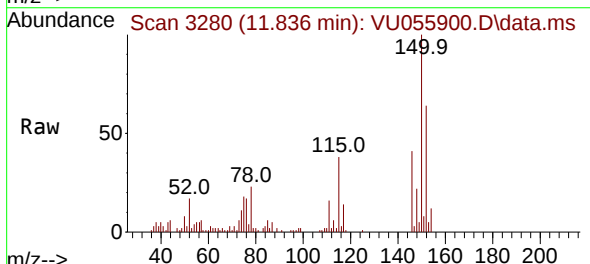
Tgt Ion:105 Resp: 6357
Ion Ratio Lower Upper
105 100
120 26.4 20.6 30.8
77 16.3 13.4 20.0

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Supervised By :Mahesh Dadoda 10/27/2023



#65
1,4-Dichlorobenzene
Concen: 1.332 ug/L
RT: 11.836 min Scan# 3280
Delta R.T. 0.003 min
Lab File: VU055900.D
Acq: 26 Oct 2023 12:42



Tgt Ion:146 Resp: 11938
Ion Ratio Lower Upper
146 100
111 37.1 28.6 53.0
148 49.7 44.2 82.0

