

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
 Data File : VU060807.D
 Acq On : 17 Sep 2024 03:06
 Operator : MD/SY
 Sample : P3973-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AR7

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/18/2024
 Supervised By :Semsettin Yesilyurt 09/18/2024

Quant Time: Sep 17 06:36:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 17 02:49:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	193776	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	190920	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	103417	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	27631	1.585	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	31.800%#
7) Chloroethane-d5	1.911	69	31971	2.576	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	51.600%#
11) 1,1-Dichloroethene-d2	2.560	65	13954	2.259	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	45.200%#
20) 2-Butanone-d5	4.653	46	91849	32.827	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	65.660%
24) Chloroform-d	5.055	84	80221	3.011	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	60.200%#
26) 1,2-Dichloroethane-d4	5.695	65	43165	3.389	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.800%#
32) Benzene-d6	5.721	84	162426	3.174	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	63.400%#
36) 1,2-Dichloropropane-d6	6.682	67	55073	3.478	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	69.600%
41) Toluene-d8	7.891	98	129916	2.785	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	55.600%#
43) trans-1,3-Dichloroprop...	8.174	79	12685	2.226	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	44.600%#
46) 2-Hexanone-d5	8.631	63	88410	39.326	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.660%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	48852	3.938	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	60020	3.454	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	69.000%#
Target Compounds						Qvalue
18) trans-1,2-Dichloroethene	3.348	96	3554	0.281	ug/L	92
19) 1,1-Dichloroethane	3.866	63	12597	0.497	ug/L #	89
22) cis-1,2-Dichloroethene	4.660	96	14283	1.022	ug/L	92
30) Cyclohexane	5.380	56	76693	4.527	ug/L	99
33) Benzene	5.763	78	1743014	33.202	ug/L	100
35) Methylcyclohexane	6.753	83	109864	5.819	ug/L	97
42) Toluene	7.962	91	212477	3.871	ug/L	96
52) Ethylbenzene	9.560	91	14867573	257.295	ug/L	95
53) m,p-Xylene	9.689	106	16876985m	770.295	ug/L	
54) o-Xylene	10.094	106	13417	0.621	ug/L	96
60) Isopropylbenzene	10.476	105	237088m	3.868	ug/L	
62) 1,3,5-Trimethylbenzene	11.078	105	307219	6.450	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	1270667	26.999	ug/L	99

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

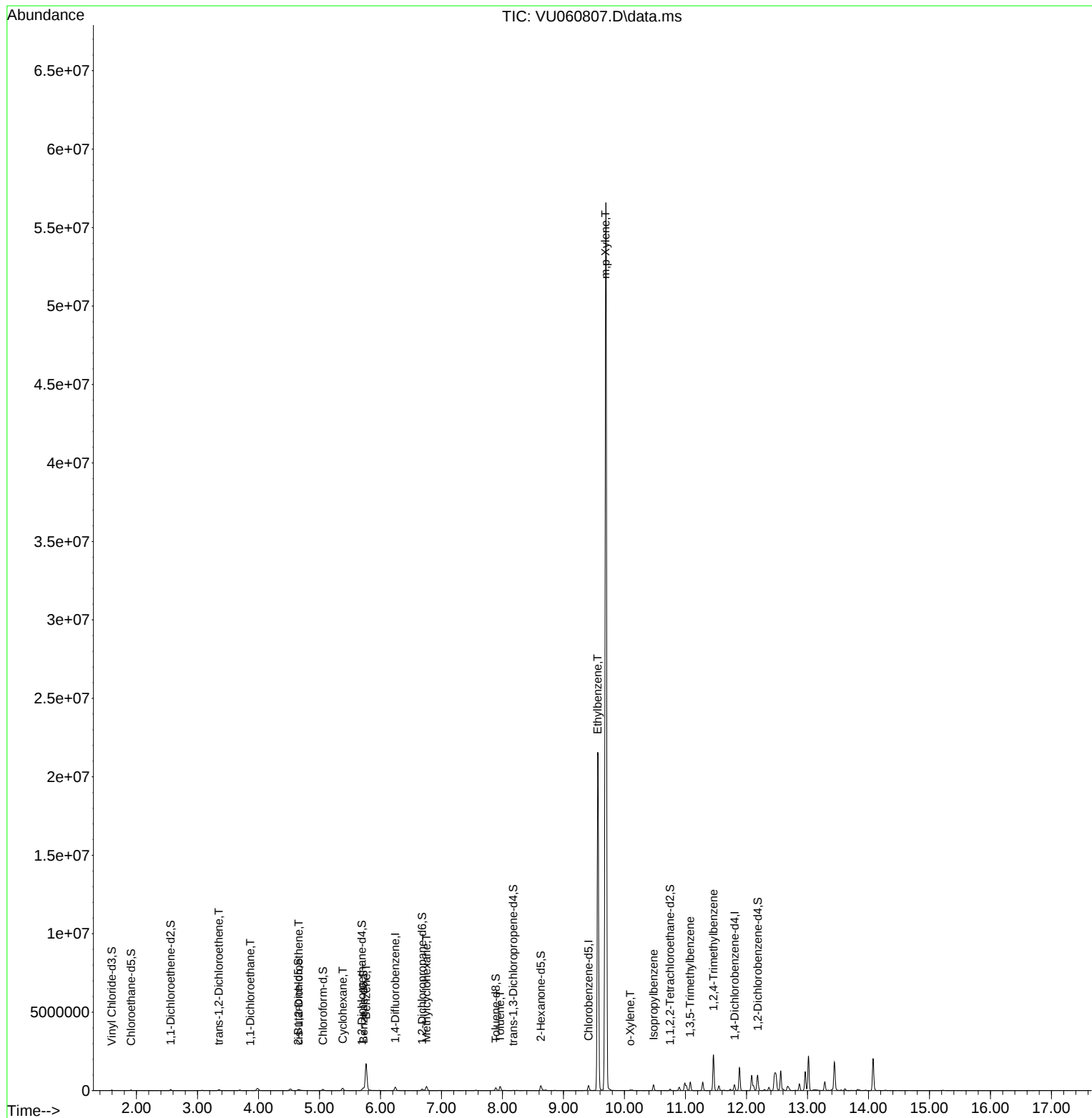
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
Data File : VU060807.D
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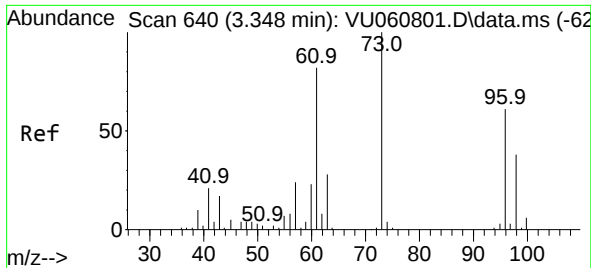
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Quant Time: Sep 17 06:36:11 2024
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Quant Title : TRACE VOA SFAM1.0
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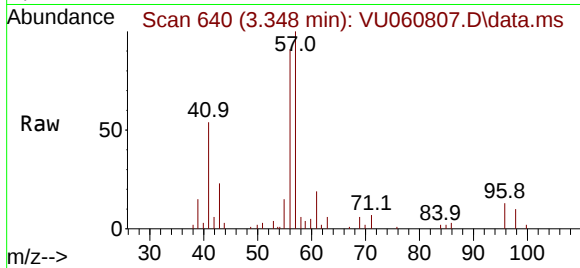
Reviewed By :Mahesh Dadoda 09/18/2024
Supervised By :Semsettin Yesilyurt 09/18/2024





#18
trans-1,2-Dichloroethene
Concen: 0.281 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU060807.D
Acq: 17 Sep 2024 03:06

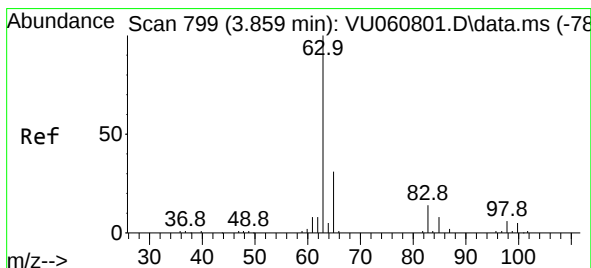
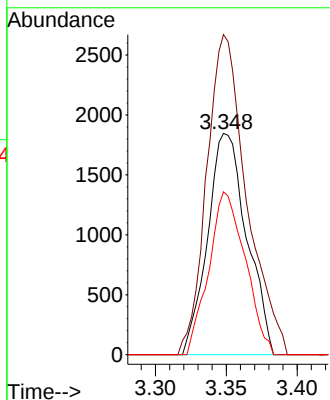
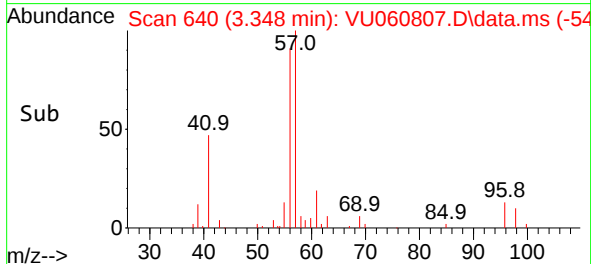
Instrument :
MSVOA_U
ClientSampleId :
C0AR7



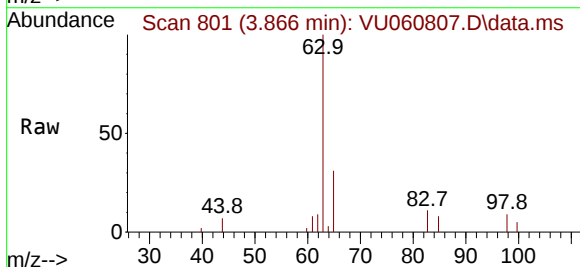
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Ion Ratio Lower Upper
96 100
61 144.6 97.2 180.6
98 73.6 43.3 80.5

Manual Integrations
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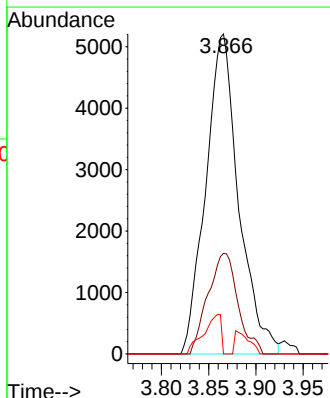
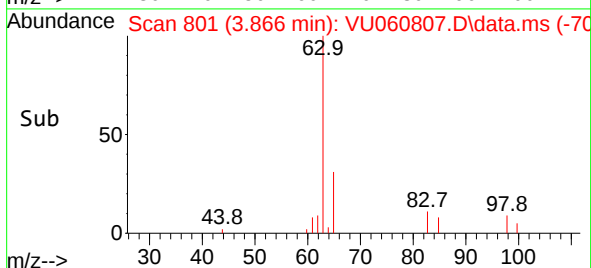
Reviewed By :Mahesh Dadoda 09/18/2024
Supervised By :Semsettin Yesilyurt 09/18/2024

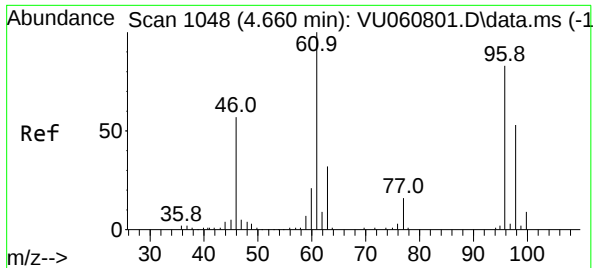


#19
1,1-Dichloroethane
Concen: 0.497 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.006 min
Lab File: VU060807.D
Acq: 17 Sep 2024 03:06



Tgt Ion: 63 Resp: 12597
Ion Ratio Lower Upper
63 100
65 31.4 23.0 42.8
83 0.0 9.0 16.6





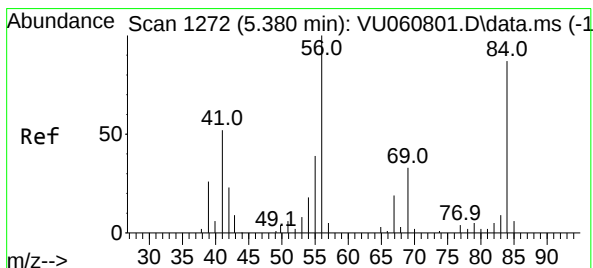
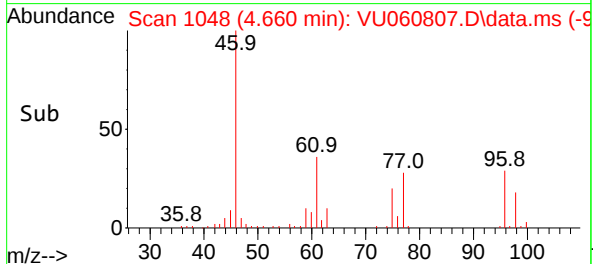
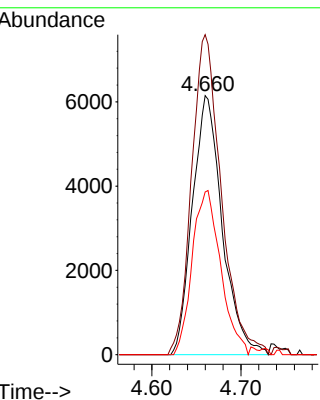
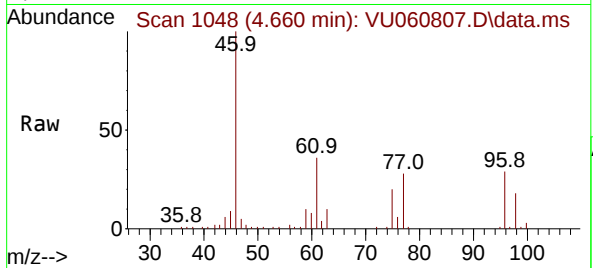
#22
 cis-1,2-Dichloroethene
 Concen: 1.022 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU060807.D
 Acq: 17 Sep 2024 03:06

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion: 96 Resp: 1428
 Ion Ratio Lower Upper
 96 100
 61 117.6 89.7 166.5
 98 59.8 45.1 83.9

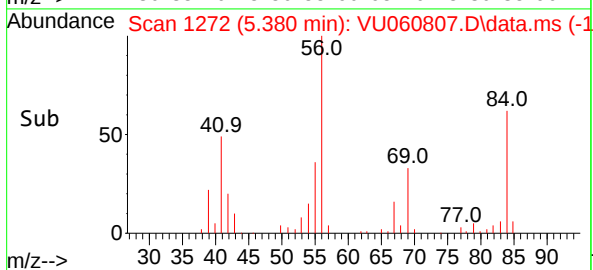
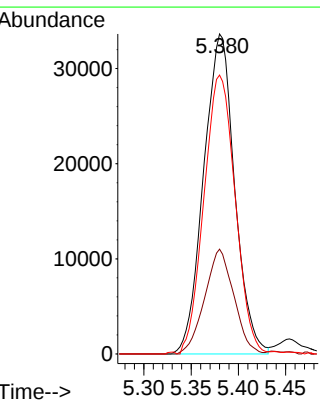
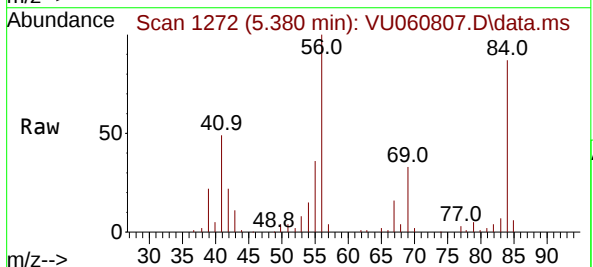
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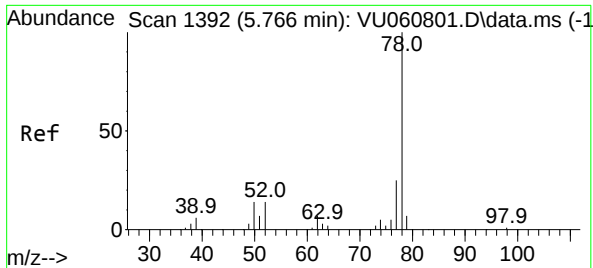
Reviewed By :Mahesh Dadoda 09/18/2024
 Supervised By :Semsettin Yesilyurt 09/18/2024



#30
 Cyclohexane
 Concen: 4.527 ug/L
 RT: 5.380 min Scan# 1272
 Delta R.T. 0.000 min
 Lab File: VU060807.D
 Acq: 17 Sep 2024 03:06

Tgt Ion: 56 Resp: 76693
 Ion Ratio Lower Upper
 56 100
 69 30.7 25.4 38.0
 84 87.9 71.0 106.6





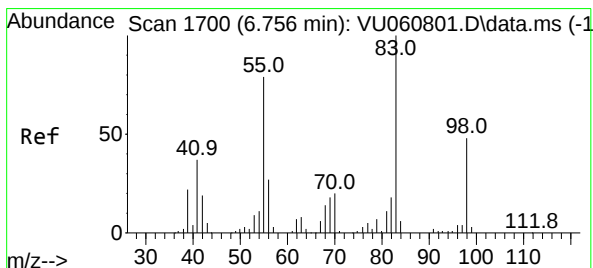
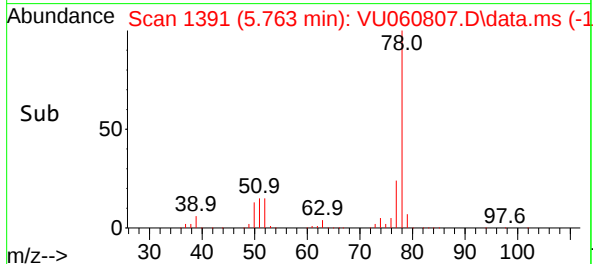
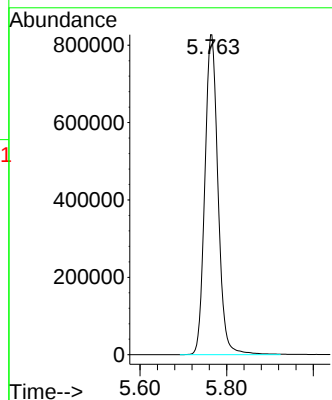
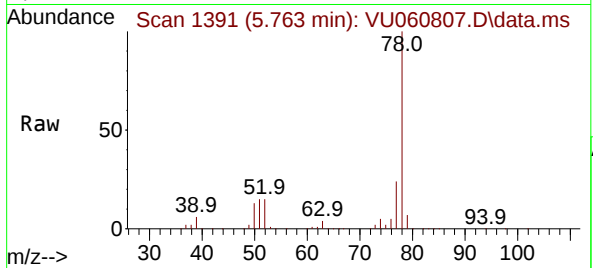
#33
Benzene
Concen: 33.202 ug/L
RT: 5.763 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU060807.D
Acq: 17 Sep 2024 03:06

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Tgt Ion: 78 Resp: 1743014

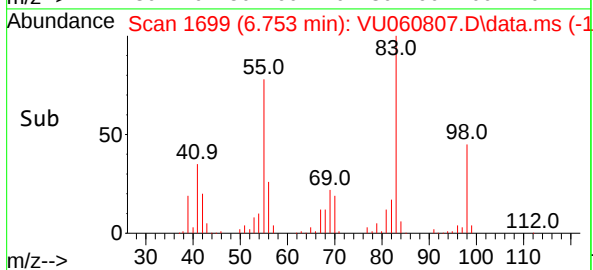
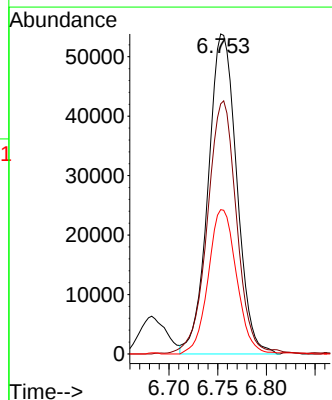
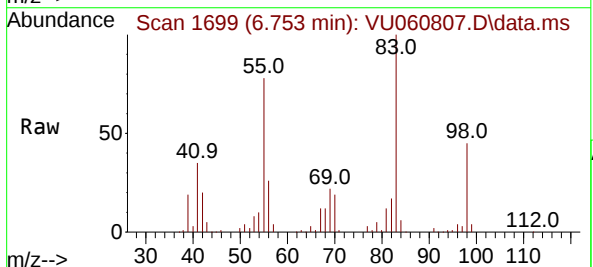
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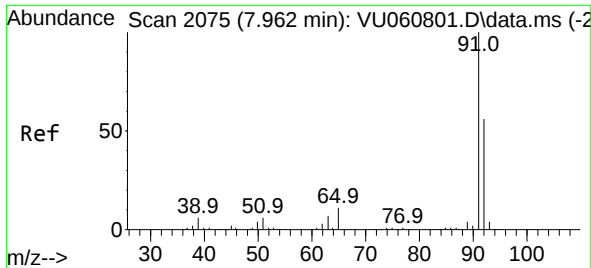
Reviewed By :Mahesh Dadoda 09/18/2024
Supervised By :Semsettin Yesilyurt 09/18/2024



#35
Methylcyclohexane
Concen: 5.819 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VU060807.D
Acq: 17 Sep 2024 03:06

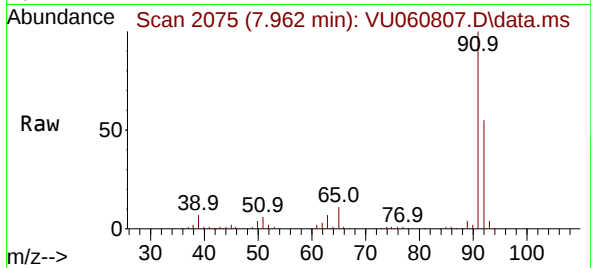
Tgt Ion: 83 Resp: 109864
Ion Ratio Lower Upper
83 100
55 81.1 62.6 94.0
98 44.8 37.6 56.4





#42
Toluene
Concen: 3.871 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VU060807.D
Acq: 17 Sep 2024 03:06

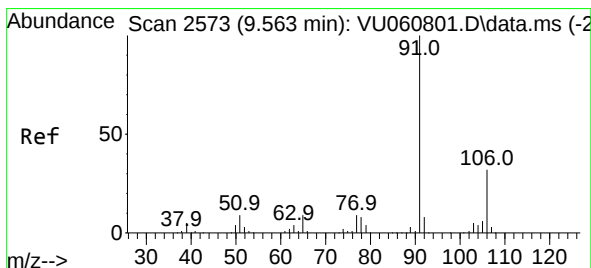
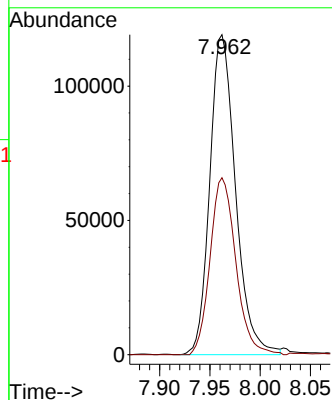
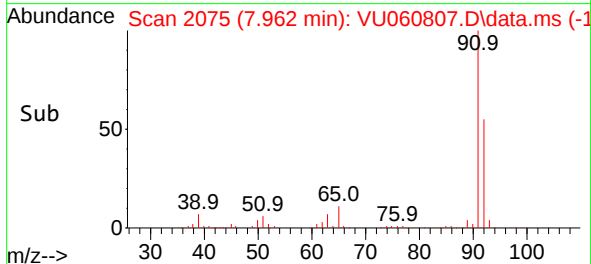
Instrument :
MSVOA_U
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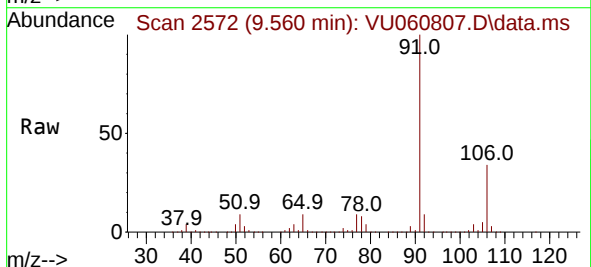
Tgt Ion: 91 Resp: 21247
Ion Ratio Lower Upper
91 100
92 55.3 40.5 75.3

Manual Integrations
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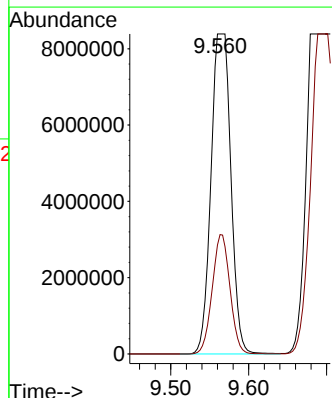
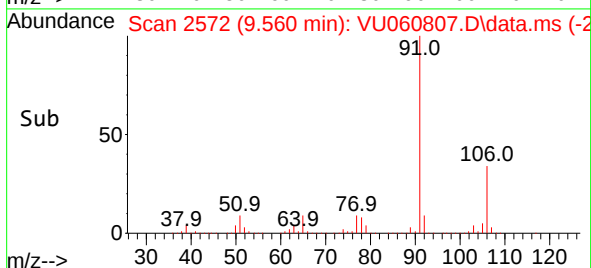
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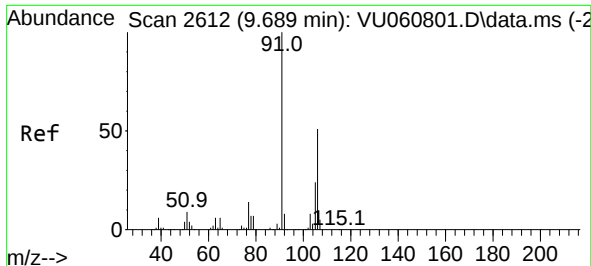


#52
Ethylbenzene
Concen: 257.295 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. -0.003 min
Lab File: VU060807.D
Acq: 17 Sep 2024 03:06



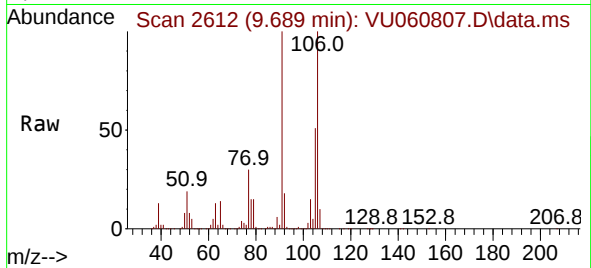
Tgt Ion: 91 Resp:14867573
Ion Ratio Lower Upper
91 100
106 34.1 21.8 40.6





#53
m,p-Xylene
Concen: 770.295 ug/L m
RT: 9.689 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU060807.D
Acq: 17 Sep 2024 03:06

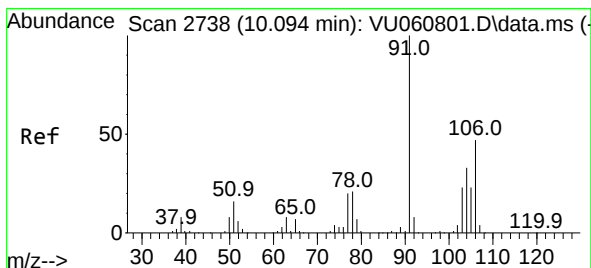
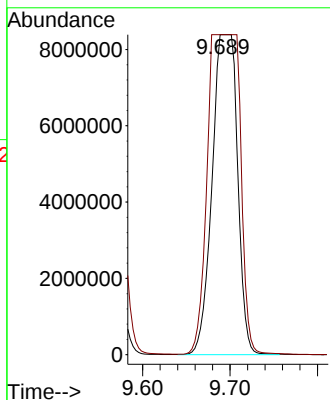
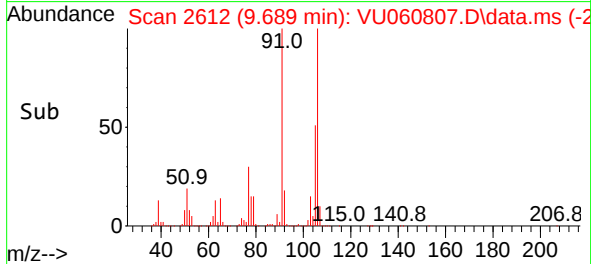
Instrument :
MSVOA_U
ClientSampleId :
C0AR7



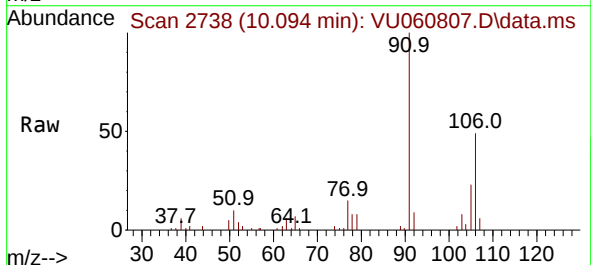
Tgt Ion:106 Resp:1687698
Ion Ratio Lower Upper
106 100
91 100.0 139.7 259.4

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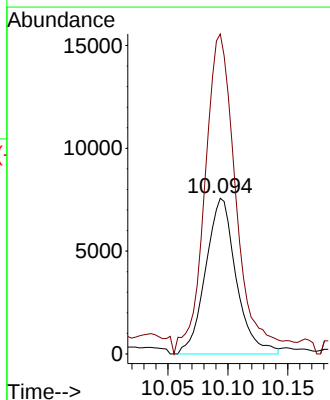
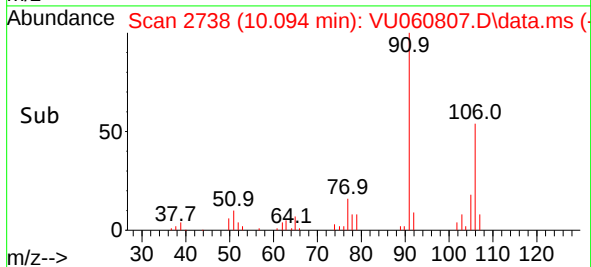
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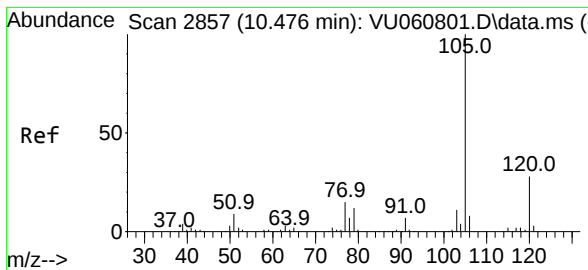


#54
o-Xylene
Concen: 0.621 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU060807.D
Acq: 17 Sep 2024 03:06



Tgt Ion:106 Resp: 13417
Ion Ratio Lower Upper
106 100
91 205.6 148.6 276.0





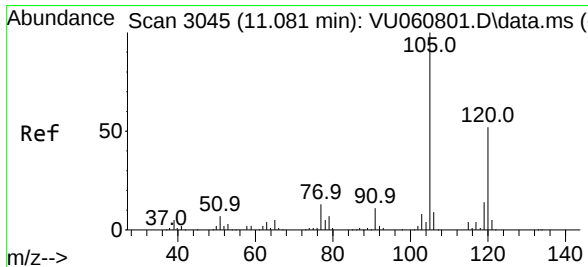
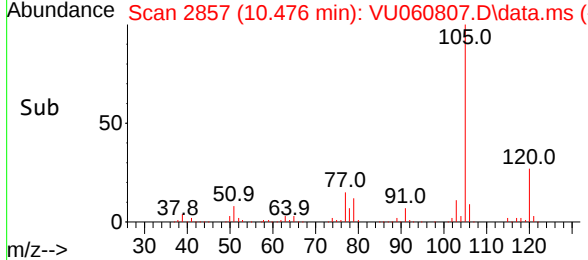
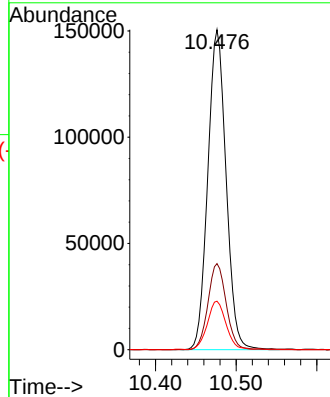
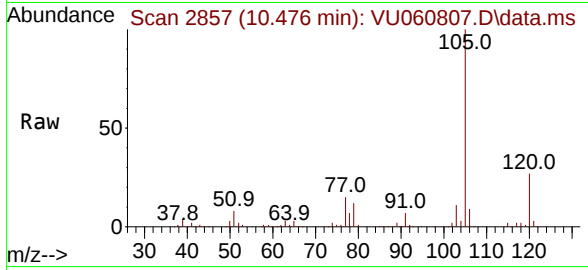
#60
Isopropylbenzene
Concen: 3.868 ug/L m
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU060807.D
Acq: 17 Sep 2024 03:06

Instrument :
MSVOA_U
ClientSampleId :
C0AR7

Tgt Ion:105 Resp: 237088
Ion Ratio Lower Upper
105 100
120 62.7 21.5 32.3
77 0.0 12.6 18.8

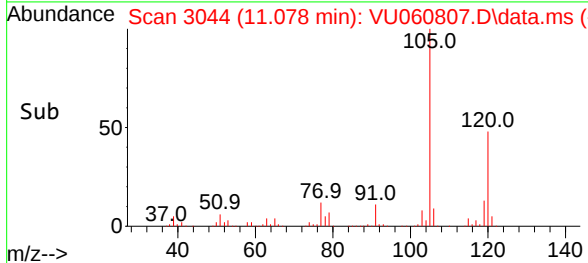
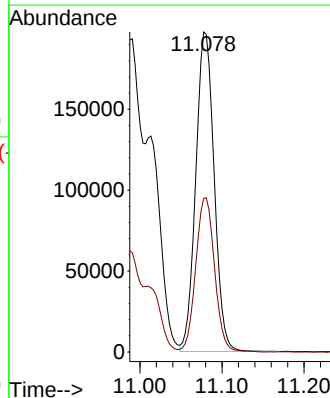
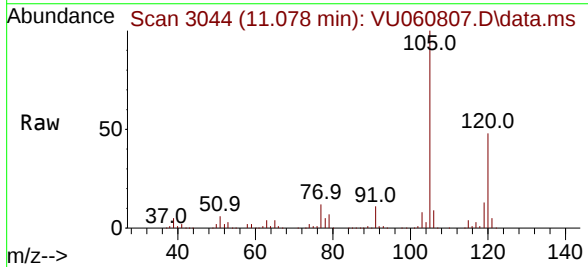
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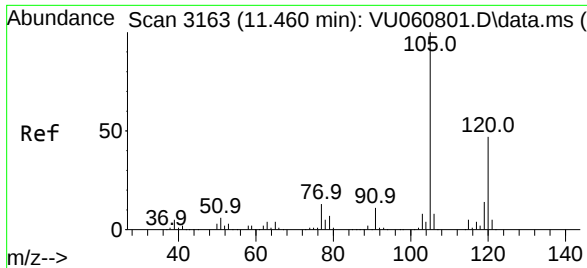
Reviewed By :Mahesh Dadoda 09/18/2024
Supervised By :Semsettin Yesilyurt 09/18/2024



#62
1,3,5-Trimethylbenzene
Concen: 6.450 ug/L
RT: 11.078 min Scan# 3044
Delta R.T. -0.003 min
Lab File: VU060807.D
Acq: 17 Sep 2024 03:06

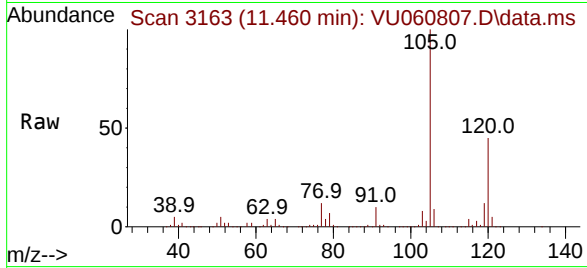
Tgt Ion:105 Resp: 307219
Ion Ratio Lower Upper
105 100
120 49.6 38.5 57.7





#63
 1,2,4-Trimethylbenzene
 Concen: 26.999 ug/L
 RT: 11.460 min Scan# 3163
 Delta R.T. -0.000 min
 Lab File: VU060807.D
 Acq: 17 Sep 2024 03:06

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:105 Resp: 127066
 Ion Ratio Lower Upper
 105 100
 120 45.5 36.1 54.1

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