

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103123\
 Data File : VW027487.D
 Acq On : 31 Oct 2023 16:02
 Operator : SY/MD
 Sample : 05174-04
 Misc : 5.40g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 COAM7

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/01/2023
 Supervised By :Mahesh Dadoda 11/01/2023

Quant Time: Nov 01 01:50:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 27 01:27:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	610412	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	556416	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	299505	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	115203	12.366	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	49.480%		
7) Chloroethane-d5	2.899	69	100916	15.087	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	60.360%		
11) 1,1-Dichloroethene-d2	4.014	65	64677	13.856	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	55.440%		
21) 2-Butanone-d5	7.075	46	100324	32.400	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	64.800%		
24) Chloroform-d	7.648	84	317922	17.475	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	69.880%		
26) 1,2-Dichloroethane-d4	8.306	65	163540m	16.734	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	66.920%#		
32) Benzene-d6	8.270	84	630496	16.748	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	67.000%		
36) 1,2-Dichloropropane-d6	9.276	67	211810	18.421	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	73.680%		
41) Toluene-d8	10.324	98	539890	15.815	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	63.280%		
43) trans-1,3-Dichloroprop...	10.574	79	71402	13.620	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	54.480%		
47) 2-Hexanone-d5	10.922	63	73051	30.707	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	61.420%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	149512	17.428	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	69.720%		
66) 1,2-Dichlorobenzene-d4	13.848	152	184431	16.993	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	67.960%#		
Target Compounds					Qvalue	
13) Acetone	4.124	43	8901	3.328	ug/L	87
14) Carbon disulfide	4.386	76	18211	0.734	ug/L	97
16) Methylene chloride	4.917	84	23030	2.061	ug/L	94
29) Cyclohexane	7.953	56	30362m	1.797	ug/L	
35) Methylcyclohexane	9.331	83	10861	0.632	ug/L	91
42) Toluene	10.385	91	2316598	60.728	ug/L	100
52) Ethylbenzene	11.726	91	732594	16.526	ug/L	96
53) m,p-Xylene	11.830	106	801281	47.657	ug/L	94
54) o-Xylene	12.165	106	308271	19.146	ug/L	97
60) Isopropylbenzene	12.458	105	26781	0.569	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	88778	2.262	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	394290	10.268	ug/L	99

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

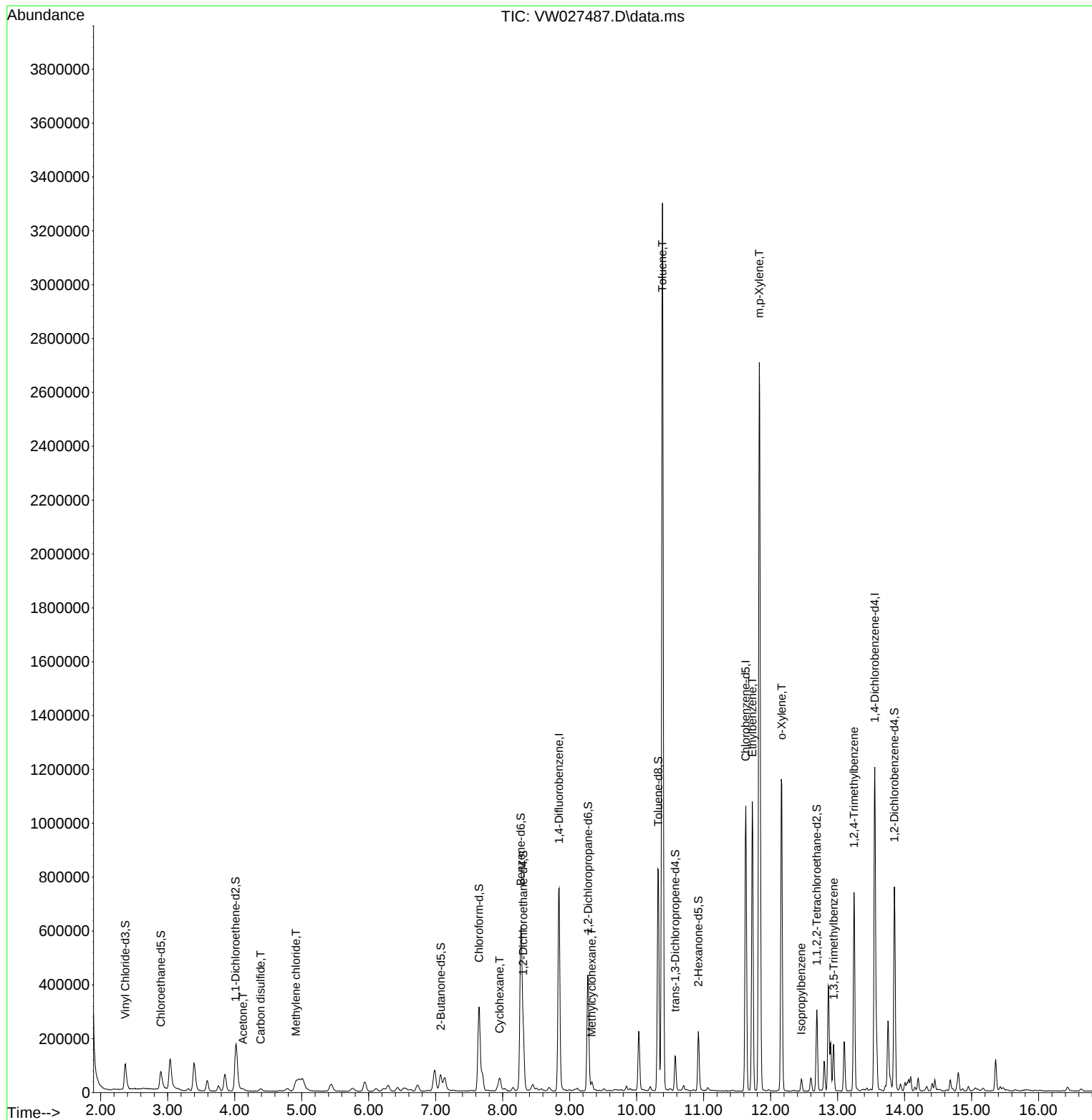
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103123\
Data File : VW027487.D
Acq On : 31 Oct 2023 16:02
Operator : SY/MD
Sample : 05174-04
Misc : 5.40g/10mL/MSVOA_W/SOIL
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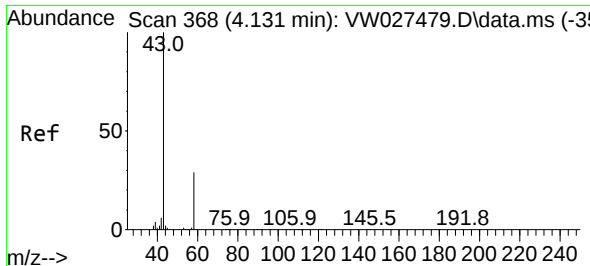
Instrument :
MSVOA_W
ClientSampleId :
C0AM7

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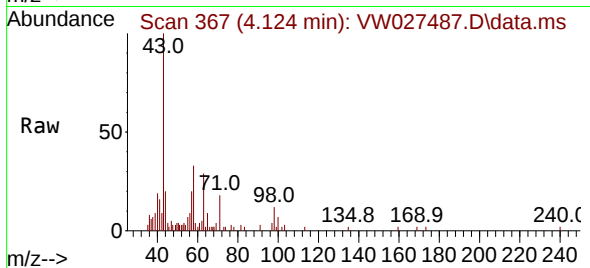
Quant Time: Nov 01 01:50:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Oct 27 01:27:32 2023
Response via : Initial Calibration





#13
Acetone
Concen: 3.328 ug/L
RT: 4.124 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW027487.D
Acq: 31 Oct 2023 16:02

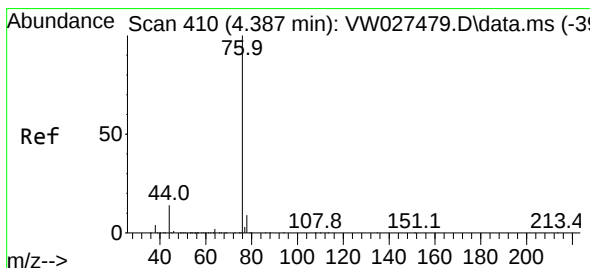
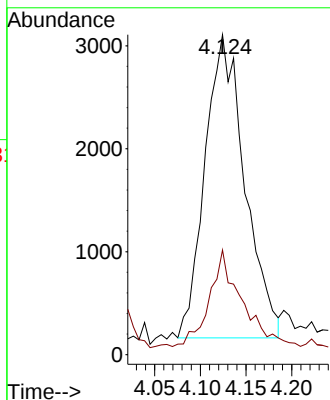
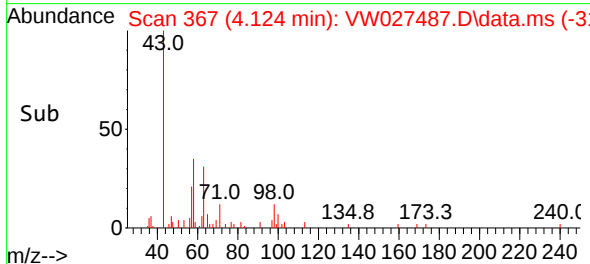
Instrument :
MSVOA_W
ClientSampleId :
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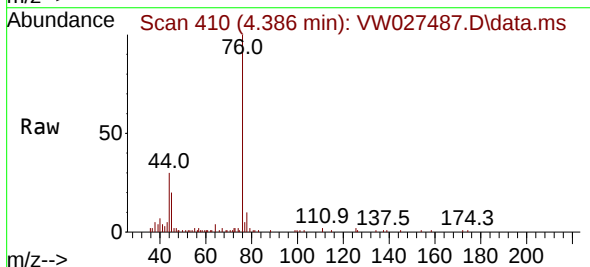
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Ion Ratio Lower Upper
43 100
58 23.2 0.0 60.8

Manual Integrations
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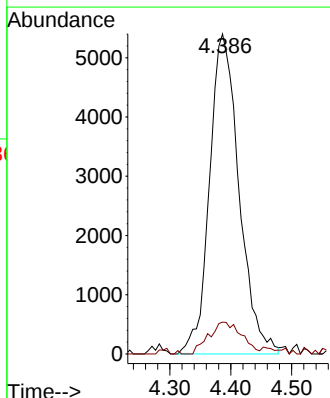
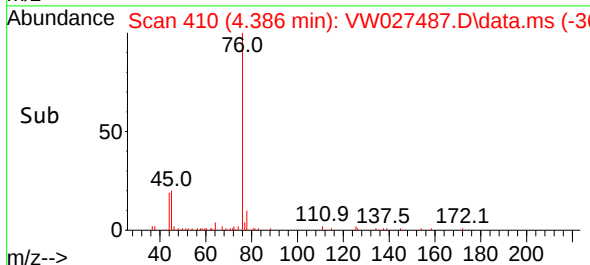
Reviewed By :Semsettin Yesilyurt 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

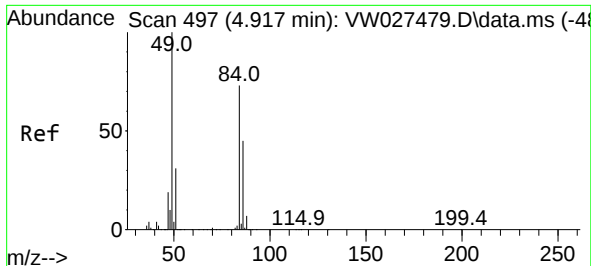


#14
Carbon disulfide
Concen: 0.734 ug/L
RT: 4.386 min Scan# 410
Delta R.T. -0.007 min
Lab File: VW027487.D
Acq: 31 Oct 2023 16:02



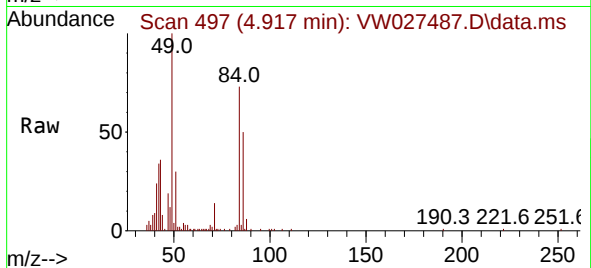
Tgt Ion: 76 Resp: 18211
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8





#16
Methylene chloride
Concen: 2.061 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW027487.D
Acq: 31 Oct 2023 16:02

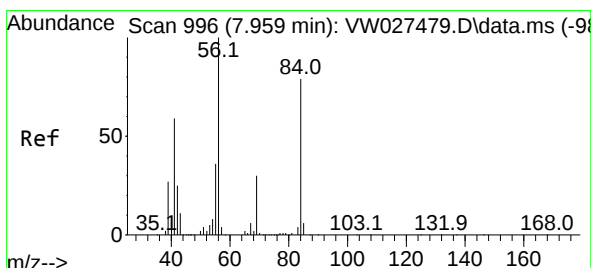
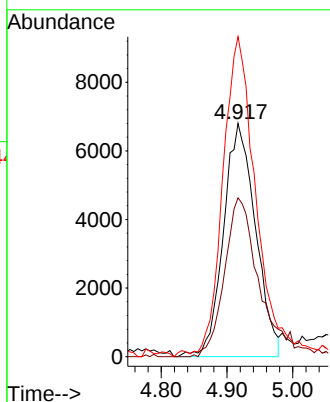
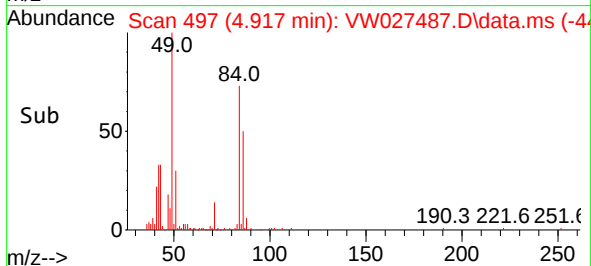
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COAM7



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Ion Ratio Lower Upper
84 100
86 68.1 41.3 76.7
49 137.2 92.8 172.4

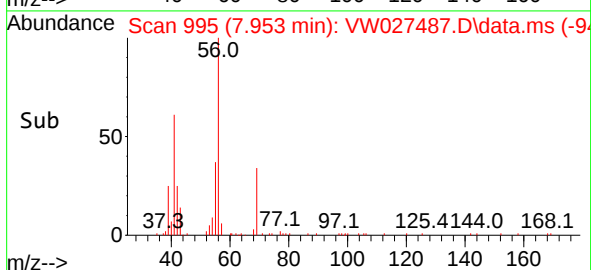
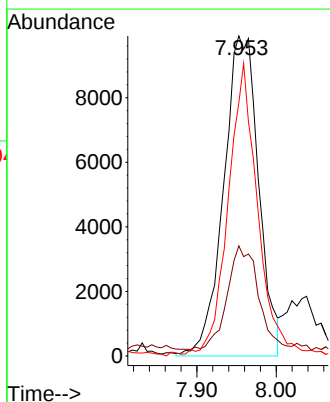
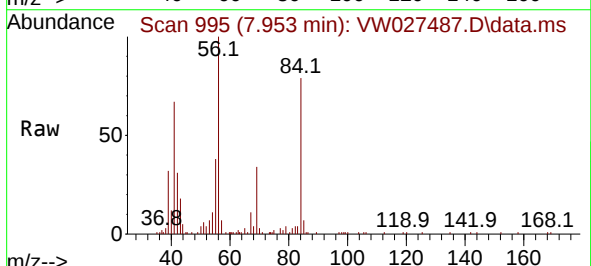
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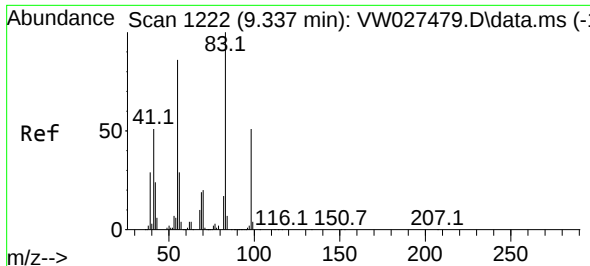
Reviewed By :Semsettin Yesilyurt 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#29
Cyclohexane
Concen: 1.797 ug/L m
RT: 7.953 min Scan# 995
Delta R.T. -0.007 min
Lab File: VW027487.D
Acq: 31 Oct 2023 16:02

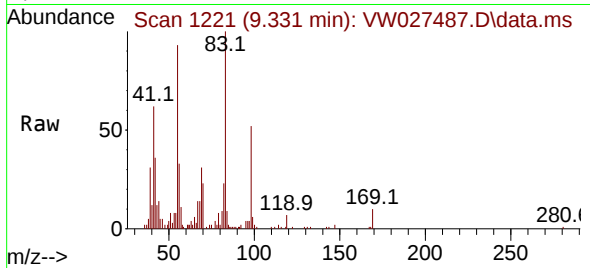
Tgt Ion: 56 Resp: 30362
Ion Ratio Lower Upper
56 100
69 16.0 24.2 36.4#
84 73.0 65.1 97.7





#35
Methylcyclohexane
Concen: 0.632 ug/L
RT: 9.331 min Scan# 1222
Delta R.T. -0.007 min
Lab File: VW027487.D
Acq: 31 Oct 2023 16:02

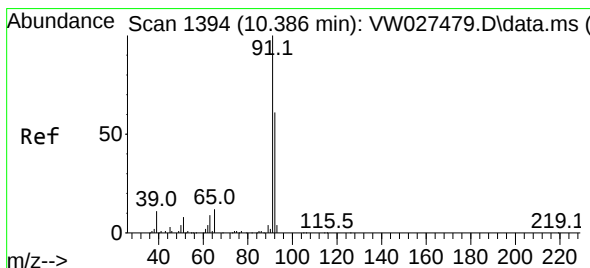
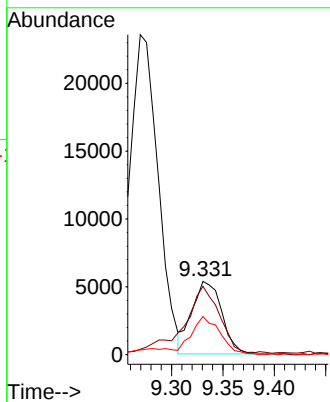
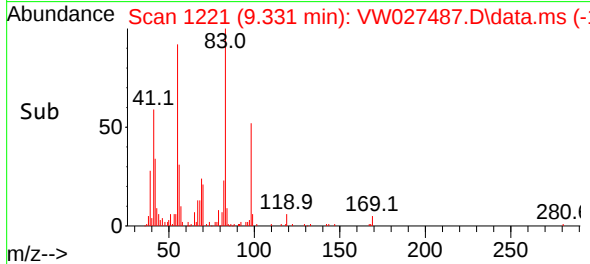
Instrument :
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ClientSampleId :
C0AM7



Tgt Ion: 83 Resp: 1086
Ion Ratio Lower Upper
83 100
55 92.9 65.8 98.8
98 49.7 38.1 57.1

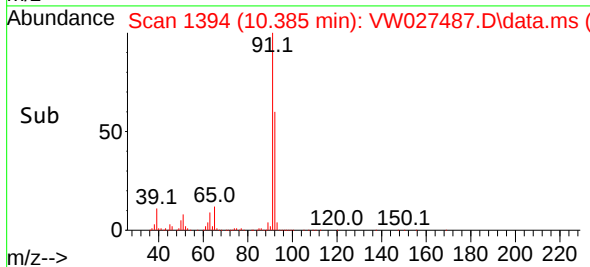
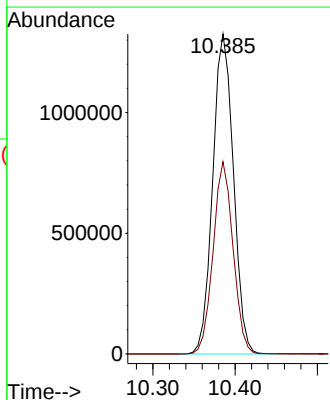
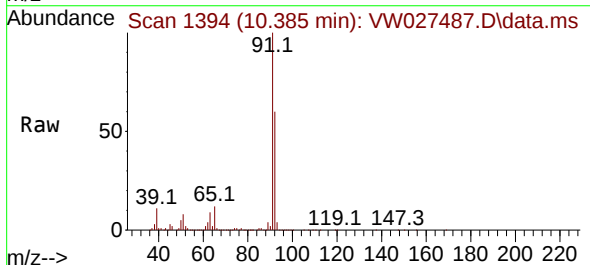
Manual Integrations
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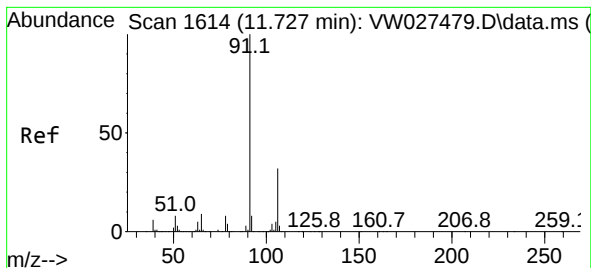
Reviewed By :Semsettin Yesilyurt 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#42
Toluene
Concen: 60.728 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027487.D
Acq: 31 Oct 2023 16:02

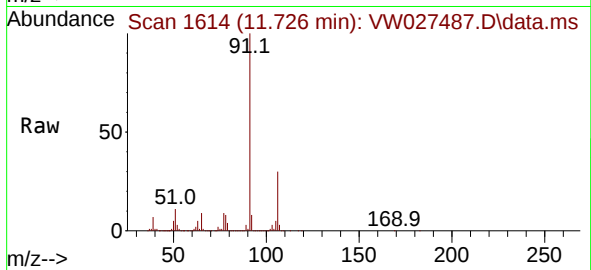
Tgt Ion: 91 Resp: 2316598
Ion Ratio Lower Upper
91 100
92 60.1 42.1 78.1





#52
Ethylbenzene
Concen: 16.526 ug/L
RT: 11.726 min Scan# 1614
Delta R.T. -0.001 min
Lab File: VW027487.D
Acq: 31 Oct 2023 16:02

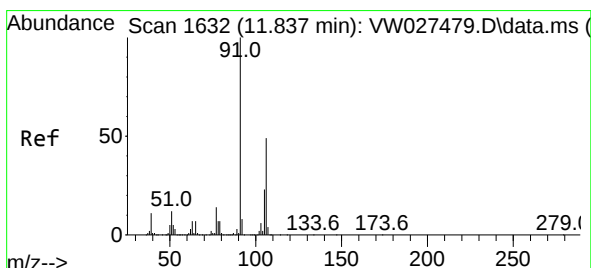
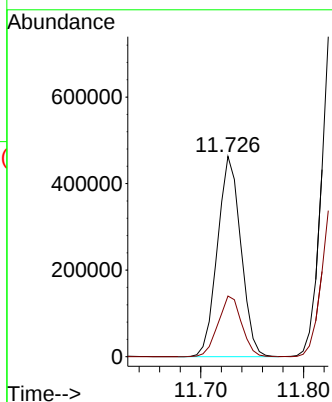
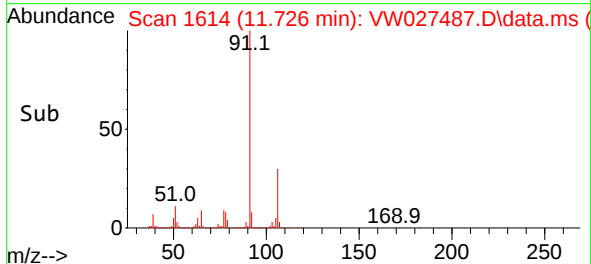
Instrument :
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ClientSampleId :
C0AM7



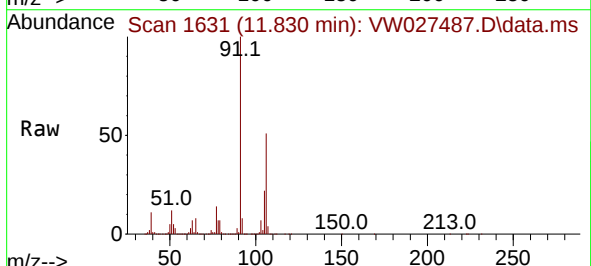
Tgt Ion: 91 Resp: 732594
Ion Ratio Lower Upper
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106 30.3 19.8 36.8

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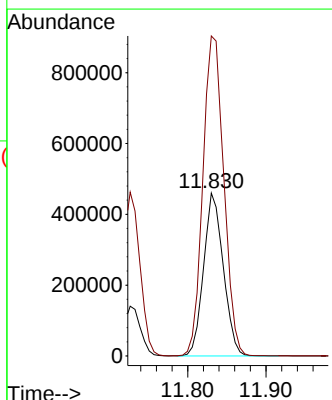
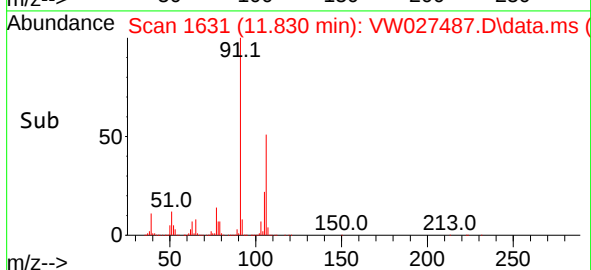
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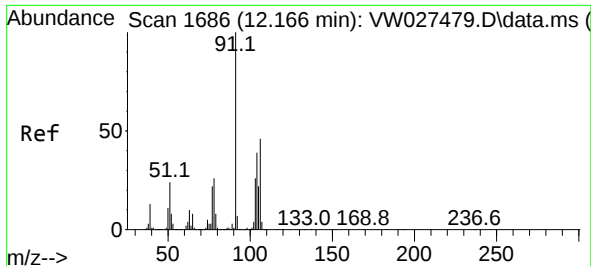


#53
m,p-Xylene
Concen: 47.657 ug/L
RT: 11.830 min Scan# 1631
Delta R.T. -0.007 min
Lab File: VW027487.D
Acq: 31 Oct 2023 16:02



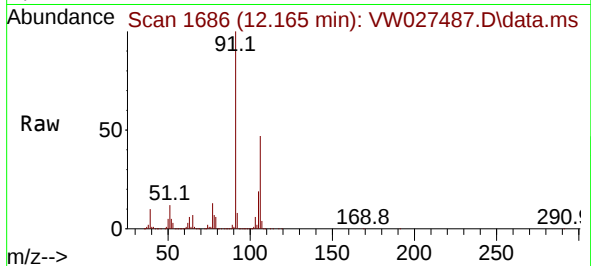
Tgt Ion:106 Resp: 801281
Ion Ratio Lower Upper
106 100
91 196.5 144.5 268.4





#54
o-Xylene
Concen: 19.146 ug/L
RT: 12.165 min Scan# 106
Delta R.T. 0.006 min
Lab File: VW027487.D
Acq: 31 Oct 2023 16:02

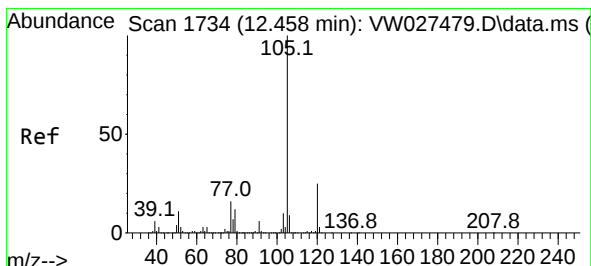
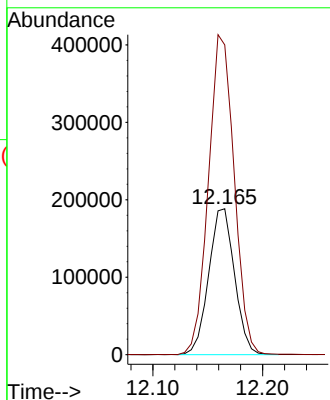
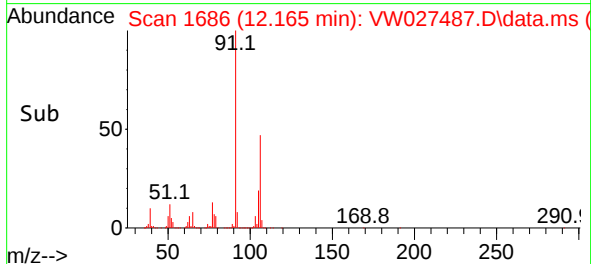
Instrument :
MSVOA_W
ClientSampleId :
C0AM7



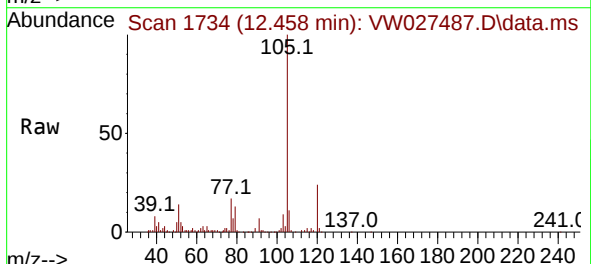
Tgt Ion:106 Resp: 30827
Ion Ratio Lower Upper
106 100
91 212.2 152.0 282.2

Manual Integrations
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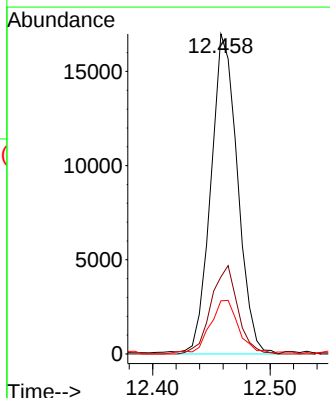
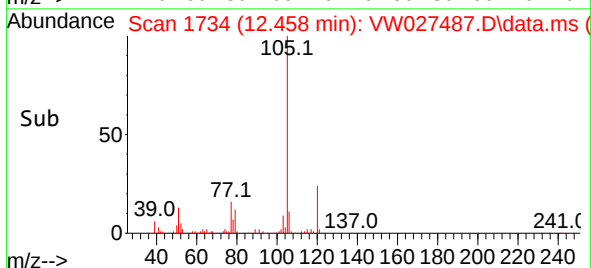
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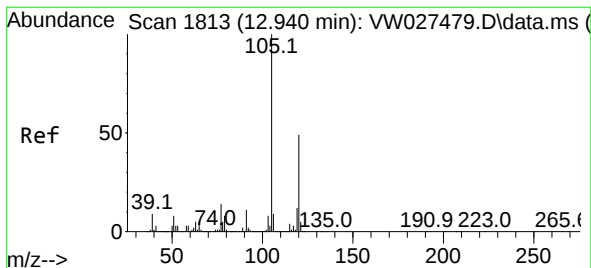


#60
Isopropylbenzene
Concen: 0.569 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW027487.D
Acq: 31 Oct 2023 16:02



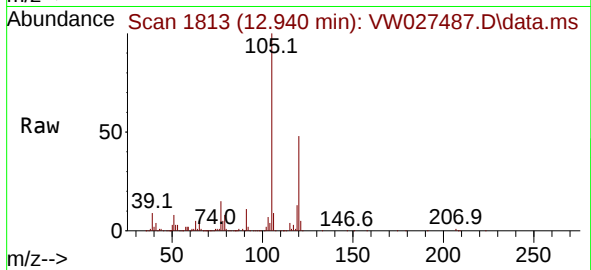
Tgt Ion:105 Resp: 26781
Ion Ratio Lower Upper
105 100
120 27.6 20.1 30.1
77 16.6 12.9 19.3





#62
1,3,5-Trimethylbenzene
Concen: 2.262 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.001 min
Lab File: VW027487.D
Acq: 31 Oct 2023 16:02

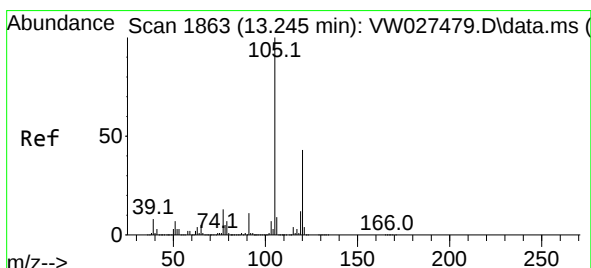
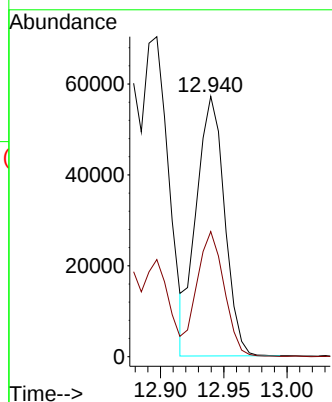
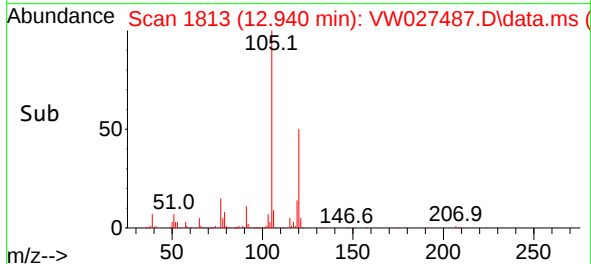
Instrument :
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C0AM7



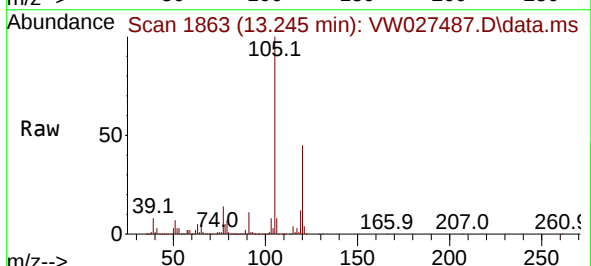
Tgt Ion:105 Resp: 88778
Ion Ratio Lower Upper
105 100
120 47.2 38.8 58.2

Manual Integrations
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Supervised By :Mahesh Dadoda 11/01/2023



#63
1,2,4-Trimethylbenzene
Concen: 10.268 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW027487.D
Acq: 31 Oct 2023 16:02



Tgt Ion:105 Resp: 394290
Ion Ratio Lower Upper
105 100
120 45.1 35.4 53.2

