

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122324\
 Data File : VW031509.D
 Acq On : 23 Dec 2024 15:59
 Operator : SY/MD
 Sample : P5322-17
 Misc : 6.46g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YE631

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024
 Supervised By :Mahesh Dadoda 12/25/2024

Quant Time: Dec 24 00:17:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 24 00:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	927895	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	845662	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	410189	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	280788	20.112	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.440%		
7) Chloroethane-d5	2.899	69	222424	21.537	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	86.160%		
11) 1,1-Dichloroethene-d2	4.021	65	124116	18.742	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	74.960%		
21) 2-Butanone-d5	7.100	46	105704	40.203	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	80.400%		
24) Chloroform-d	7.648	84	489231	19.243	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	76.960%		
26) 1,2-Dichloroethane-d4	8.307	65	267405m	20.943	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	83.760%		
32) Benzene-d6	8.276	84	1017330	18.769	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	75.080%		
36) 1,2-Dichloropropane-d6	9.276	67	298608	18.903	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	75.600%		
41) Toluene-d8	10.319	98	949849	18.837	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	75.360%		
43) trans-1,3-Dichloroprop...	10.575	79	111224	15.270	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	61.080%		
47) 2-Hexanone-d5	10.922	63	83605	39.354	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	78.700%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	209627	21.135	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	84.560%		
66) 1,2-Dichlorobenzene-d4	13.848	152	295226	19.387	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	77.560%		
Target Compounds					Qvalue	
13) Acetone	4.179	43	72962	19.926	ug/L #	100
20) cis-1,2-Dichloroethene	7.167	96	5880	0.443	ug/L	93
22) 2-Butanone	7.197	43	13376	3.015	ug/L #	64
40) 4-Methyl-2-pentanone	10.209	43	47601	6.882	ug/L	98
42) Toluene	10.386	91	399464	7.021	ug/L	97
52) Ethylbenzene	11.727	91	1187032	18.001	ug/L	96
53) m,p-Xylene	11.830	106	1829720	72.886	ug/L	96
54) o-Xylene	12.160	106	896005	37.871	ug/L	96
60) Isopropylbenzene	12.458	105	234907m	3.499	ug/L	
62) 1,3,5-Trimethylbenzene	12.940	105	1750784	30.764	ug/L	95
63) 1,2,4-Trimethylbenzene	13.245	105	6890105	125.263	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	356653	15.220	ug/L	93

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

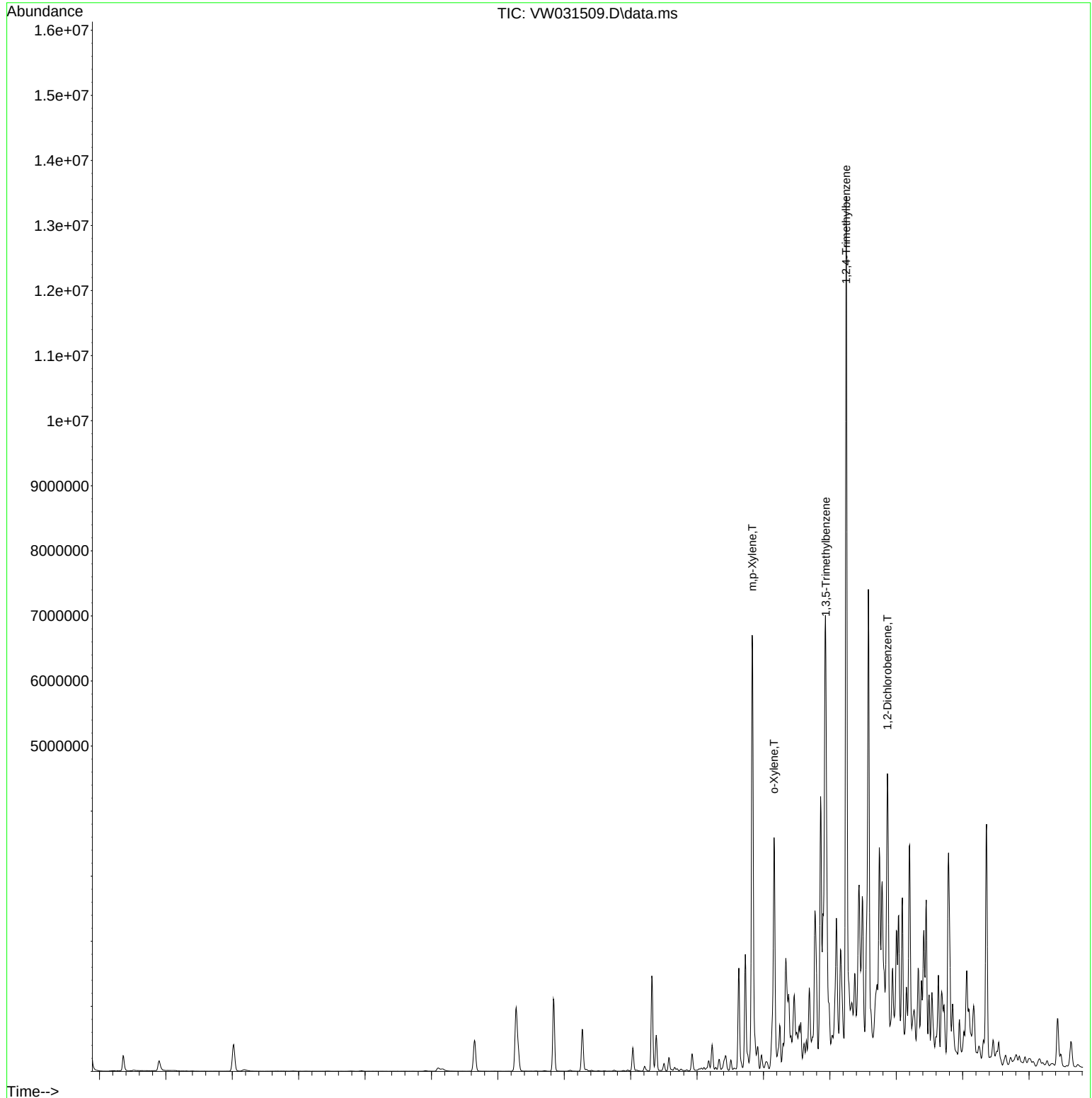
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122324\
Data File : VW031509.D
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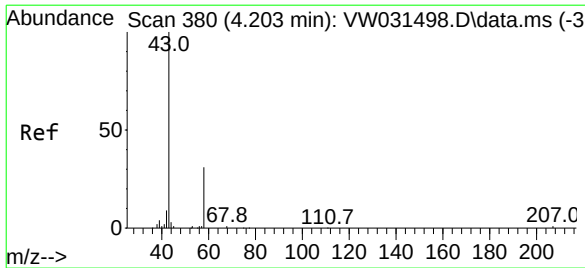
Instrument :
MSVOA_W
ClientSampleId :
YE631

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Dec 24 00:12:57 2024
Response via : Initial Calibration





#13

Acetone

Concen: 19.926 ug/L

RT: 4.179 min Scan# 37

Delta R.T. -0.024 min

Lab File: VW031509.D

Acq: 23 Dec 2024 15:59

Instrument :

MSVOA_W

ClientSampleId :

YE631

Tgt Ion: 43 Resp: 72962

Ion Ratio Lower Upper

43 100

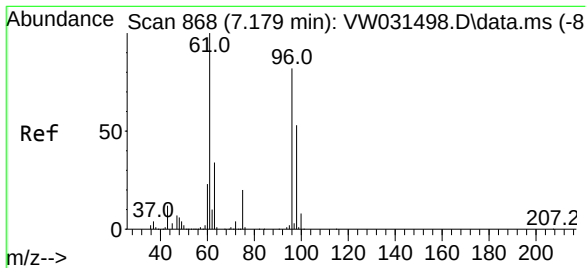
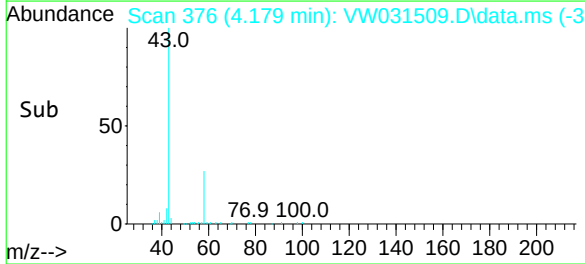
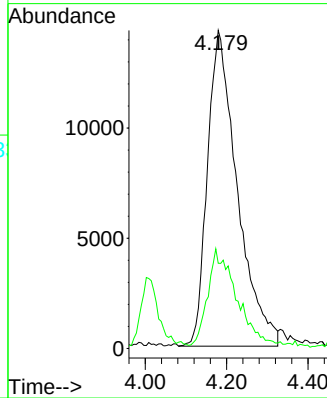
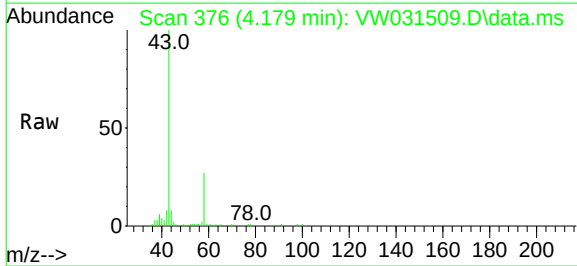
58 13.2 0.0 0.0#

Manual Integrations

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Supervised By :Mahesh Dadoda 12/25/2024



#20

cis-1,2-Dichloroethene

Concen: 0.443 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.012 min

Lab File: VW031509.D

Acq: 23 Dec 2024 15:59

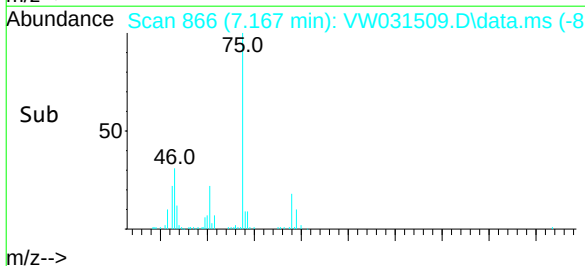
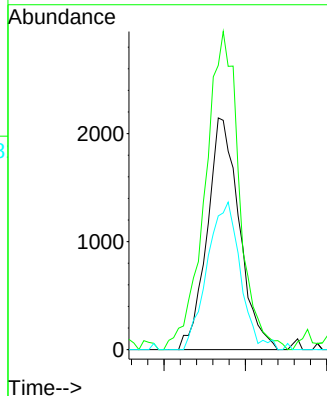
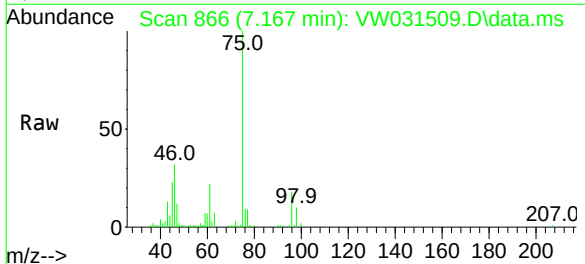
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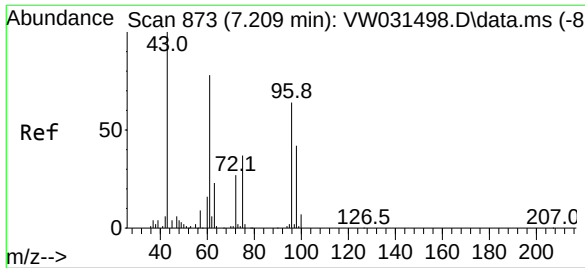
Ion Ratio Lower Upper

96 100

61 122.7 92.2 171.2

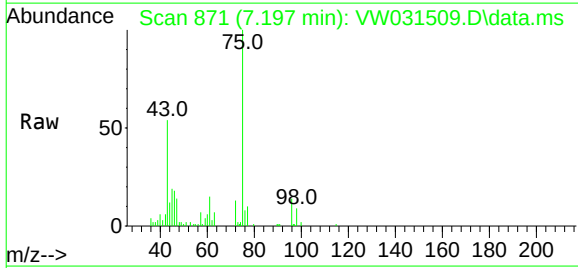
98 57.7 43.7 81.1





#22
2-Butanone
Concen: 3.015 ug/L
RT: 7.197 min Scan# 871
Delta R.T. -0.012 min
Lab File: VW031509.D
Acq: 23 Dec 2024 15:59

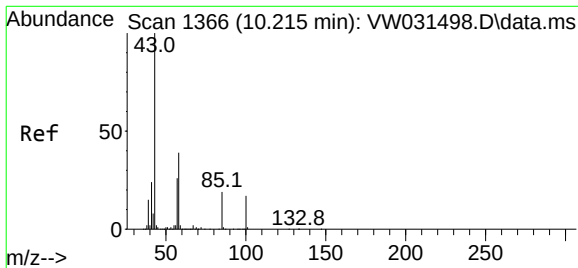
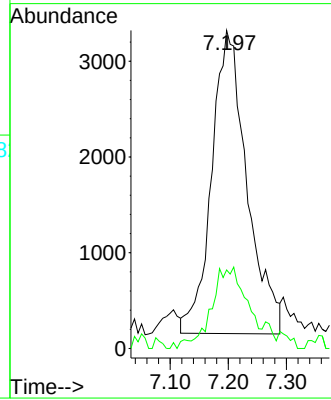
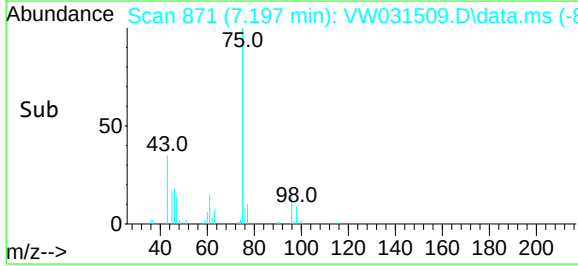
Instrument :
MSVOA_W
ClientSampleId :
YE631



Tgt Ion: 43 Resp: 13376
Ion Ratio Lower Upper
43 100
72 7.9 13.3 39.8

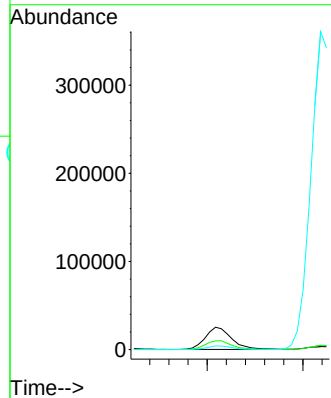
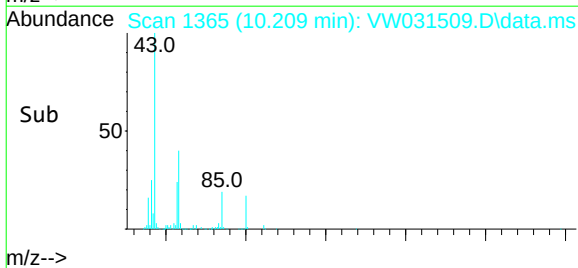
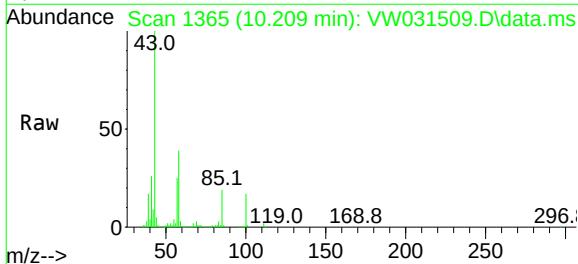
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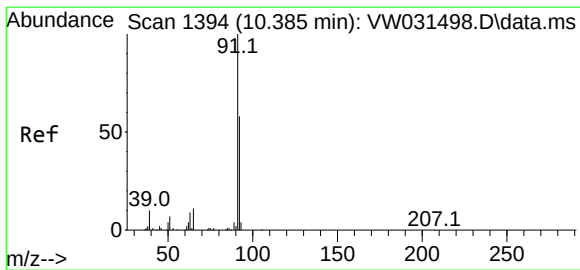
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/25/2024



#40
4-Methyl-2-pentanone
Concen: 6.882 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VW031509.D
Acq: 23 Dec 2024 15:59

Tgt Ion: 43 Resp: 47601
Ion Ratio Lower Upper
43 100
58 40.4 31.1 46.7
100 16.3 13.0 19.6





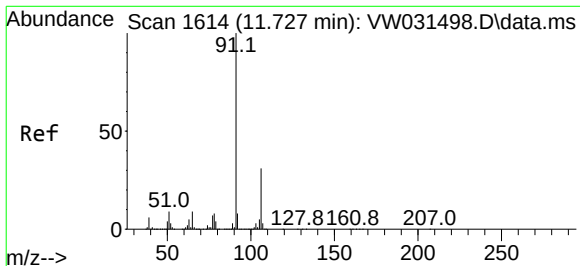
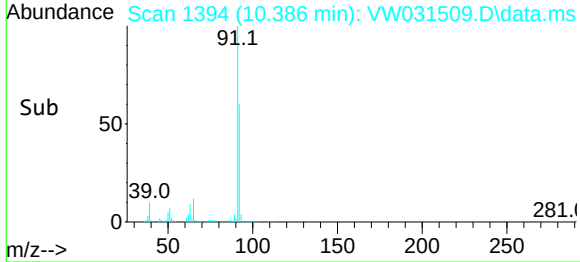
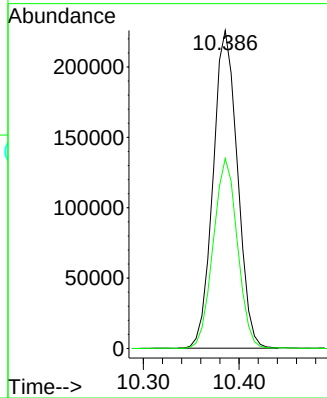
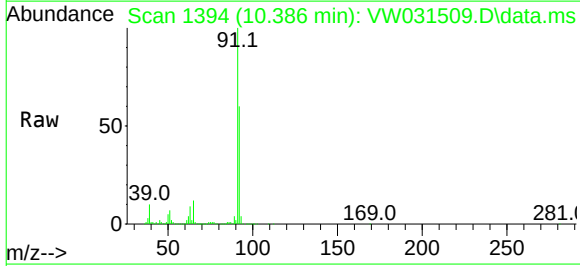
#42
Toluene
Concen: 7.021 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW031509.D
Acq: 23 Dec 2024 15:59

Instrument : MSVOA_W
ClientSampleId : YE631

Tgt Ion: 91 Resp: 399464
Ion Ratio Lower Upper
91 100
92 59.8 40.3 74.9

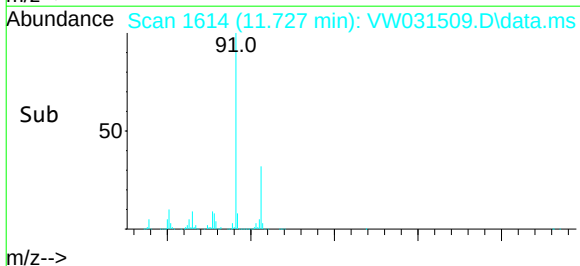
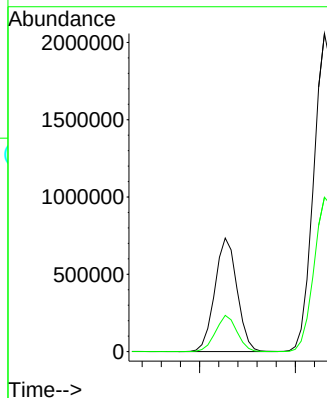
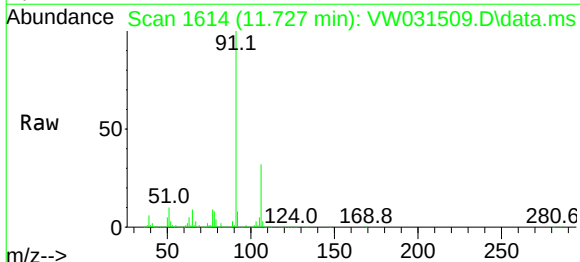
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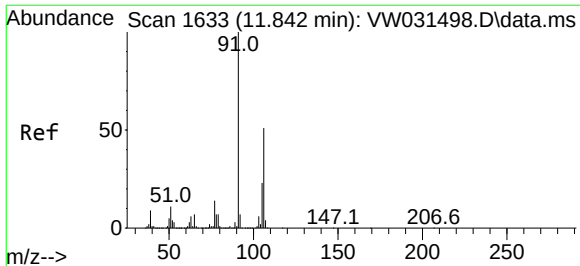
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/25/2024



#52
Ethylbenzene
Concen: 18.001 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031509.D
Acq: 23 Dec 2024 15:59

Tgt Ion: 91 Resp: 1187032
Ion Ratio Lower Upper
91 100
106 31.9 20.7 38.5





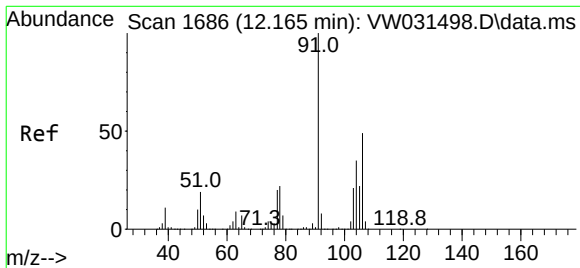
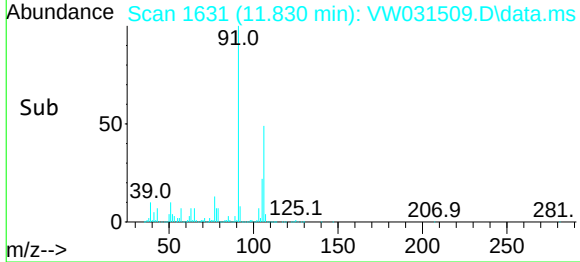
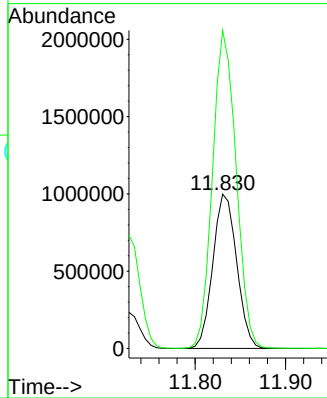
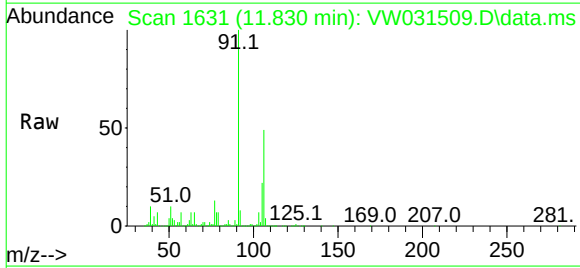
#53
m,p-Xylene
Concen: 72.886 ug/L
RT: 11.830 min Scan# 1631
Delta R.T. -0.012 min
Lab File: VW031509.D
Acq: 23 Dec 2024 15:59

Instrument :
MSVOA_W
ClientSampleId :
YE631

Tgt Ion:106 Resp: 1829720
Ion Ratio Lower Upper
106 100
91 206.0 139.9 259.7

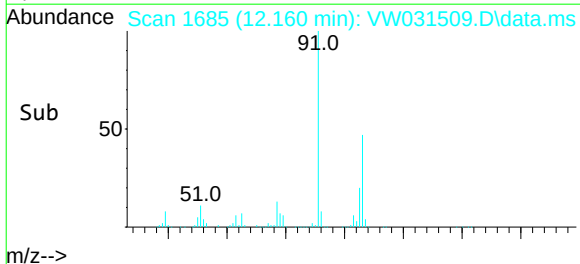
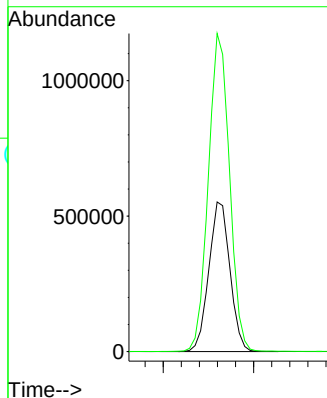
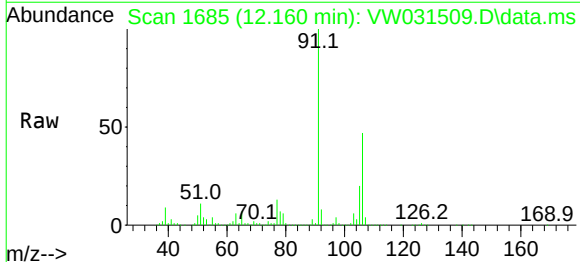
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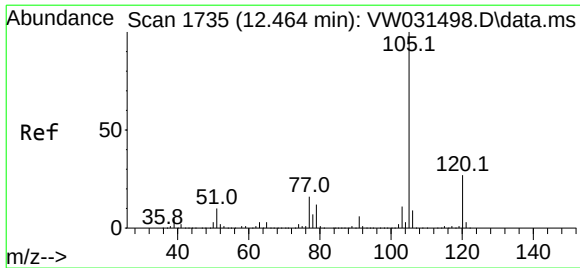
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/25/2024



#54
o-Xylene
Concen: 37.871 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW031509.D
Acq: 23 Dec 2024 15:59

Tgt Ion:106 Resp: 896005
Ion Ratio Lower Upper
106 100
91 212.5 153.1 284.3





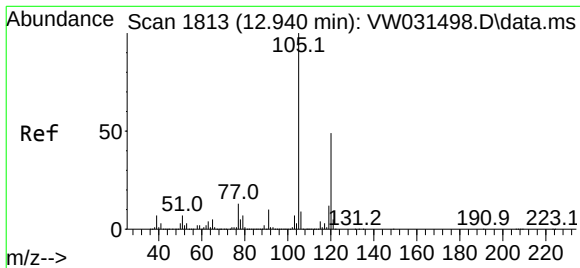
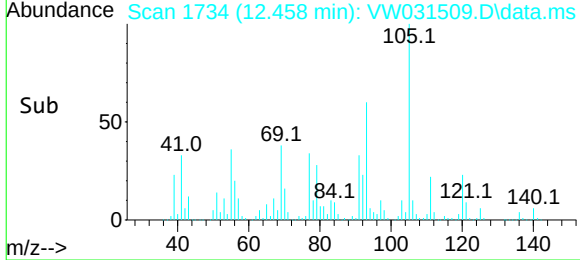
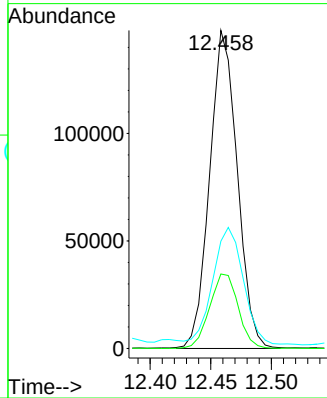
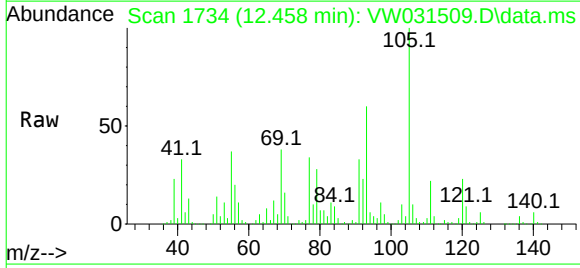
#60
Isopropylbenzene
Concen: 3.499 ug/L m
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW031509.D
Acq: 23 Dec 2024 15:59

Instrument : MSVOA_W
ClientSampleId : YE631

Tgt Ion:	105	Resp:	234907
Ion Ratio	Lower	Upper	
105	100		
120	270.3	20.6	31.0
77	114.8	12.8	19.2

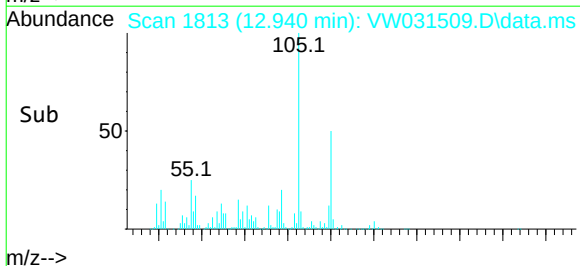
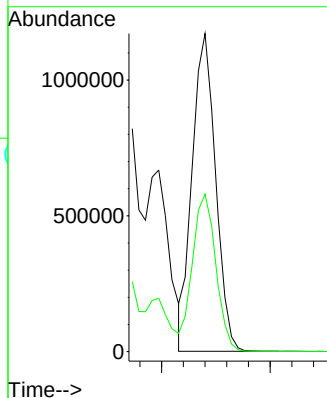
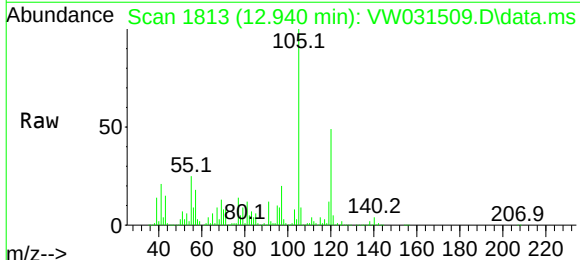
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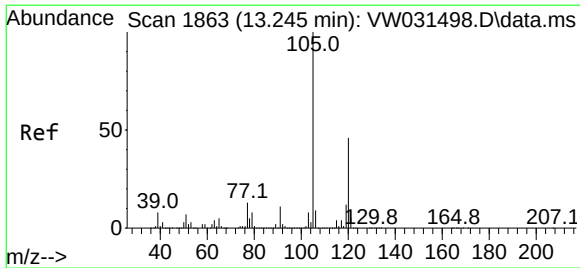
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/25/2024



#62
1,3,5-Trimethylbenzene
Concen: 30.764 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031509.D
Acq: 23 Dec 2024 15:59

Tgt Ion:	105	Resp:	1750784
Ion Ratio	Lower	Upper	
105	100		
120	49.7	37.3	55.9





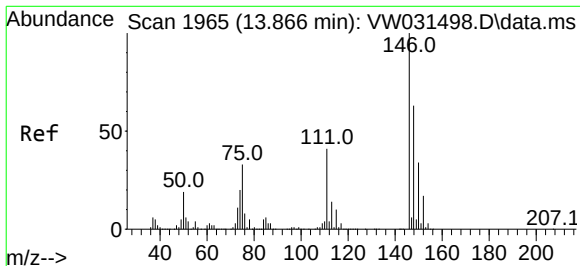
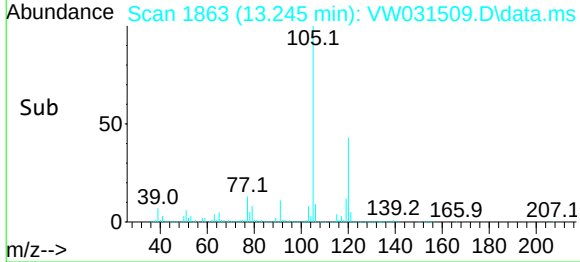
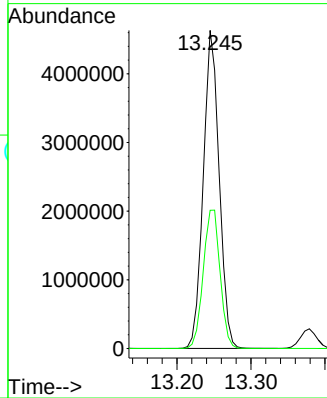
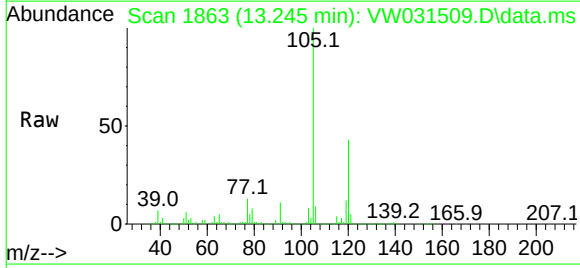
#63
1,2,4-Trimethylbenzene
Concen: 125.263 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031509.D
Acq: 23 Dec 2024 15:59

Instrument :
MSVOA_W
ClientSampleId :
YE631

Tgt Ion:105 Resp: 6890105
Ion Ratio Lower Upper
105 100
120 46.3 35.0 52.4

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Supervised By :Mahesh Dadoda 12/25/2024



#67
1,2-Dichlorobenzene
Concen: 15.220 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031509.D
Acq: 23 Dec 2024 15:59

Tgt Ion:146 Resp: 356653
Ion Ratio Lower Upper
146 100
111 51.3 38.6 58.0
148 60.1 53.6 80.4

