

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121024\
 Data File : VW031194.D
 Acq On : 10 Dec 2024 16:18
 Operator : SY/MD
 Sample : P5153-05RE
 Misc : 3.68g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E28P3RE

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/11/2024
 Supervised By :Semsettin Yesilyurt 12/11/2024

Quant Time: Dec 11 00:31:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 11 00:26:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	445487	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.629	117	210193	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	25740	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	100308	14.632	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	58.520%		
7) Chloroethane-d5	2.893	69	96696	18.180	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.720%		
11) 1,1-Dichloroethene-d2	4.015	65	46064	14.727	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	58.920%		
21) 2-Butanone-d5	7.087	46	60657	50.591	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	101.180%		
24) Chloroform-d	7.648	84	241836	18.535	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	74.120%		
26) 1,2-Dichloroethane-d4	8.301	65	136717	21.294	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	85.160%		
32) Benzene-d6	8.270	84	420118	32.520	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	130.080%		
36) 1,2-Dichloropropane-d6	9.270	67	147940	39.094	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	156.360%#		
41) Toluene-d8	10.325	98	254798	21.855	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	87.400%		
43) trans-1,3-Dichloroprop...	10.575	79	29103	19.102	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	76.400%		
47) 2-Hexanone-d5	10.922	63	27990	63.132	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	126.260%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	67268	26.339	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	105.360%		
66) 1,2-Dichlorobenzene-d4	13.848	152	21085	23.062	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	92.240%		
Target Compounds						
13) Acetone	4.161	43	11997m	5.558	ug/L	
25) Chloroform	7.673	83	17821	1.385	ug/L	94
33) Benzene	8.325	78	16655	1.172	ug/L	100
35) Methylcyclohexane	9.331	83	29743	4.767	ug/L #	84
42) Toluene	10.386	91	65272	4.359	ug/L	99
52) Ethylbenzene	11.727	91	11880	0.700	ug/L	93
53) m,p-Xylene	11.830	106	14262	2.258	ug/L	75
54) o-Xylene	12.160	106	11946	2.033	ug/L	76
60) Isopropylbenzene	12.464	105	4256	1.024	ug/L #	90
62) 1,3,5-Trimethylbenzene	12.940	105	3361m	1.027	ug/L	
63) 1,2,4-Trimethylbenzene	13.239	105	9973	3.103	ug/L	96

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

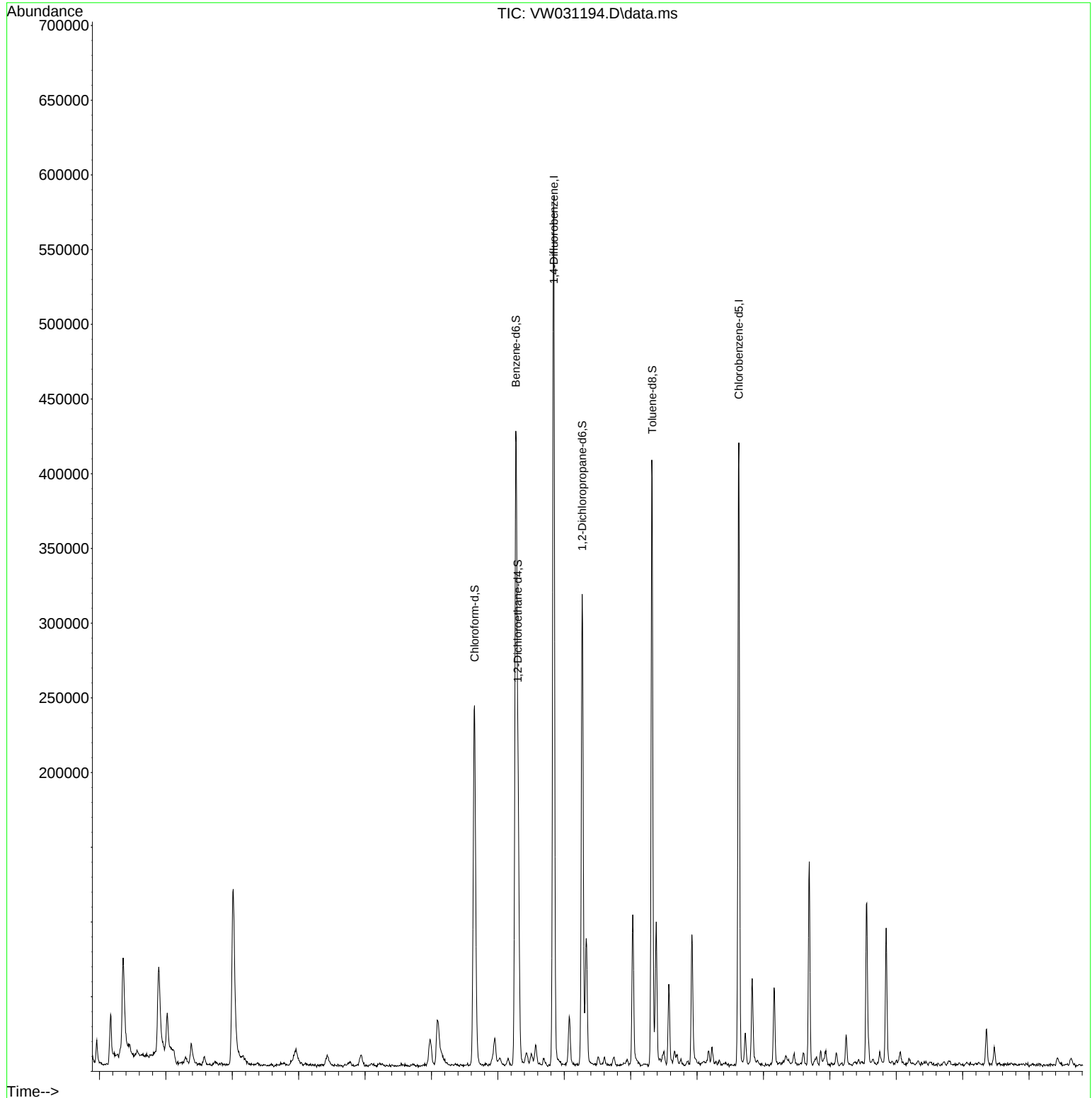
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121024\
Data File : VW031194.D
Acq On : 10 Dec 2024 16:18
Operator : SY/MD
Sample : P5153-05RE
Misc : 3.68g/10mL/MSVOA_W/SOIL/B
ALS Vial : 19 Sample Multiplier: 1

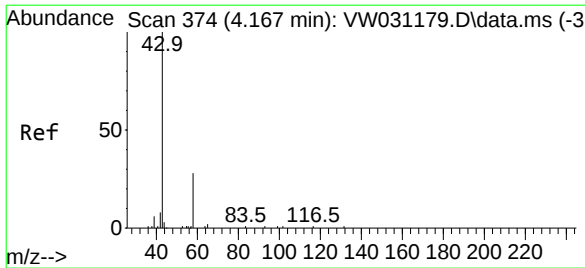
Instrument :
MSVOA_W
ClientSampleId :
E28P3RE

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Supervised By :Semsettin Yesilyurt 12/11/2024

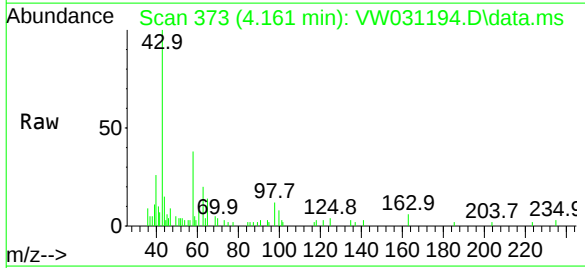
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 11 00:26:57 2024
Response via : Initial Calibration





#13
Acetone
Concen: 5.558 ug/L m
RT: 4.161 min Scan# 374
Delta R.T. -0.006 min
Lab File: VW031194.D
Acq: 10 Dec 2024 16:18

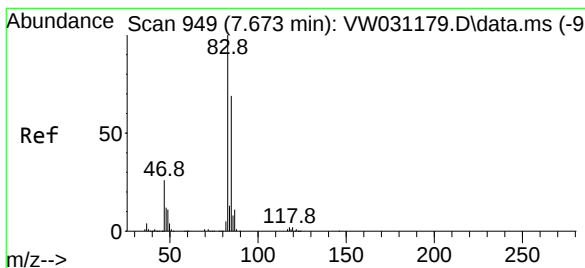
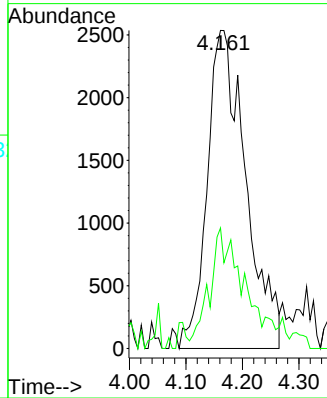
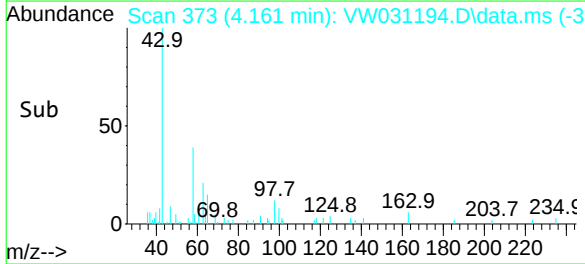
Instrument :
MSVOA_W
ClientSampleId :
E28P3RE



Tgt Ion: 43 Resp: 11997
Ion Ratio Lower Upper
43 100
58 5.6 0.0 67.2

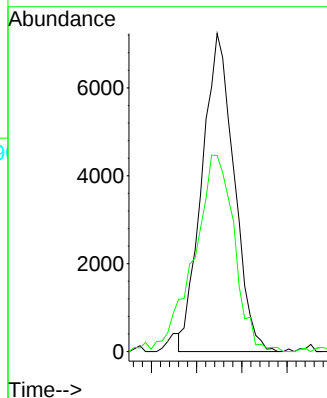
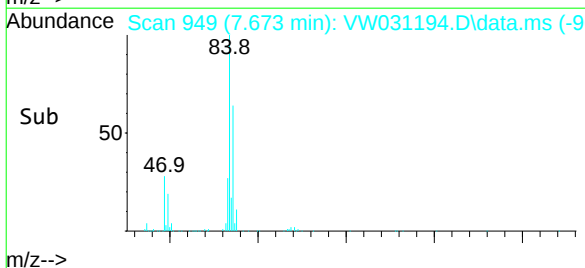
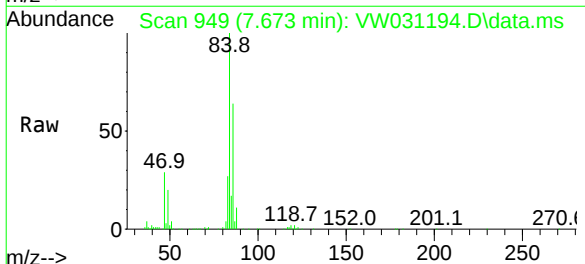
Manual Integrations
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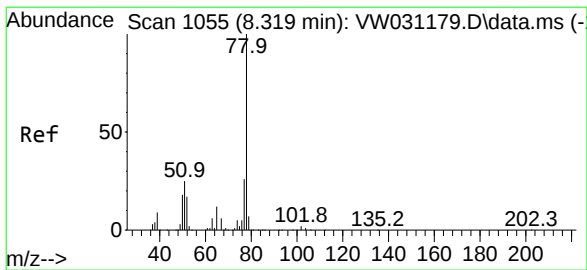
Reviewed By :Mahesh Dadoda 12/11/2024
Supervised By :Semsettin Yesilyurt 12/11/2024



#25
Chloroform
Concen: 1.385 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW031194.D
Acq: 10 Dec 2024 16:18

Tgt Ion: 83 Resp: 17821
Ion Ratio Lower Upper
83 100
85 61.7 46.5 86.3





#33

Benzene

Concen: 1.172 ug/L

RT: 8.325 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VW031194.D

Acq: 10 Dec 2024 16:18

Instrument :

MSVOA_W

ClientSampleId :

E28P3RE

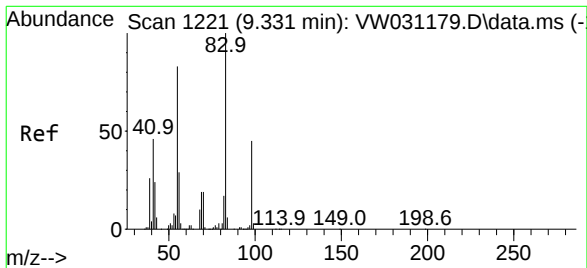
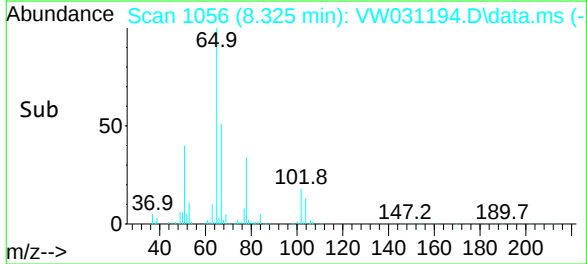
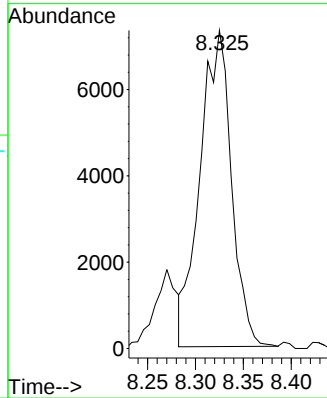
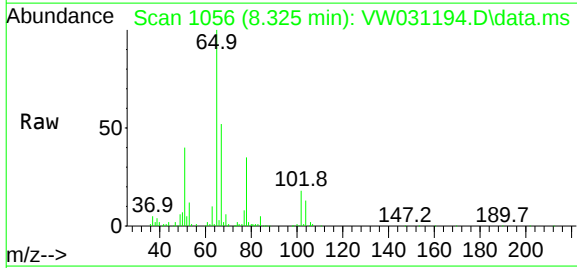
Tgt Ion: 78 Resp: 16655

Manual Integrations

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#35

Methylcyclohexane

Concen: 4.767 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW031194.D

Acq: 10 Dec 2024 16:18

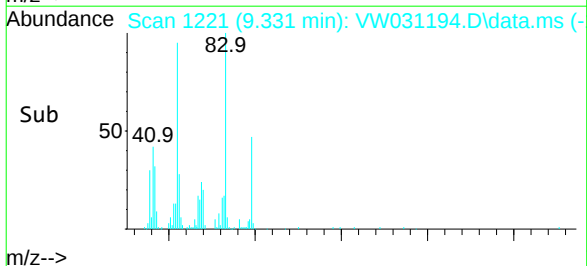
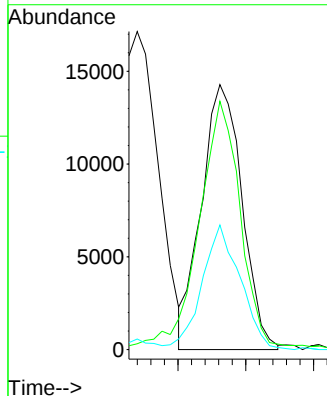
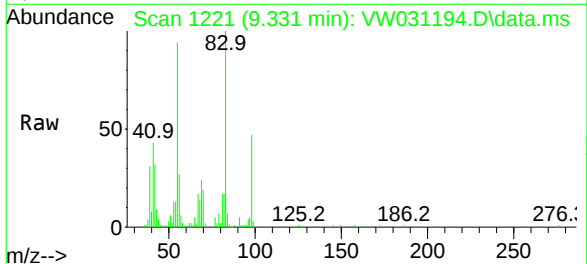
Tgt Ion: 83 Resp: 29743

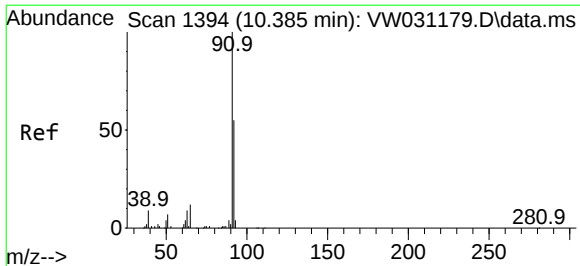
Ion Ratio Lower Upper

83 100

55 93.7 59.5 89.3#

98 44.2 38.7 58.1





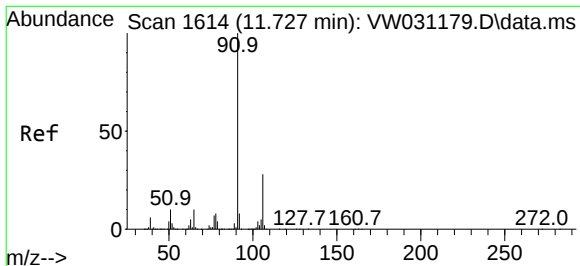
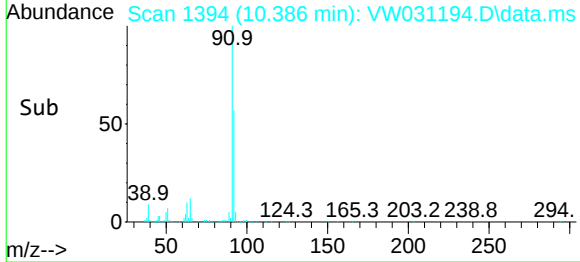
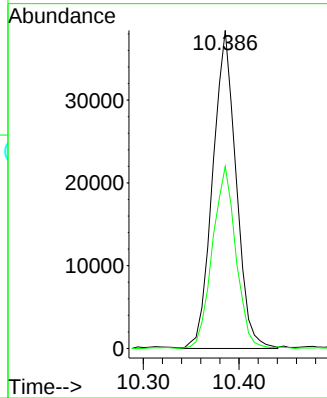
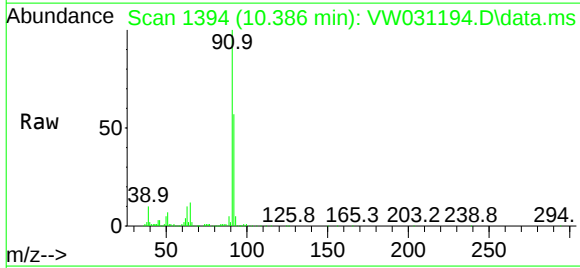
#42
Toluene
Concen: 4.359 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW031194.D
Acq: 10 Dec 2024 16:18

Instrument :
MSVOA_W
ClientSampleId :
E28P3RE

Tgt Ion: 91 Resp: 65272
Ion Ratio Lower Upper
91 100
92 57.3 40.8 75.8

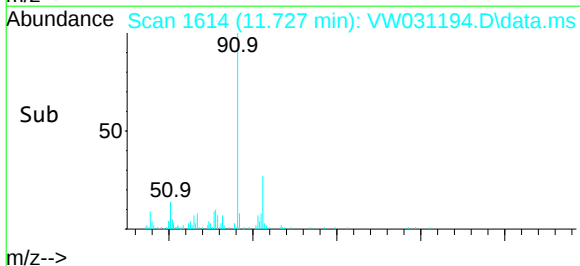
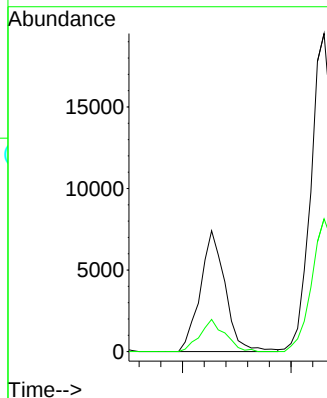
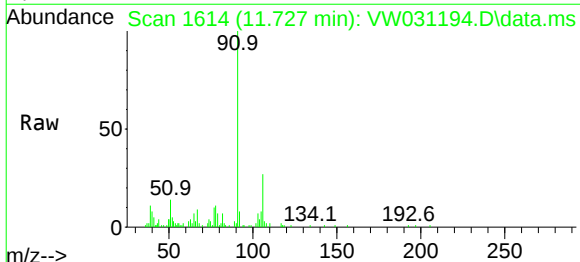
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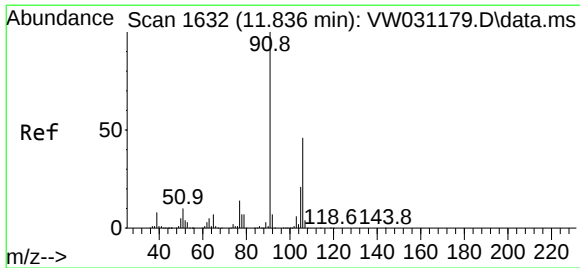
Reviewed By :Mahesh Dadoda 12/11/2024
Supervised By :Semsettin Yesilyurt 12/11/2024



#52
Ethylbenzene
Concen: 0.700 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031194.D
Acq: 10 Dec 2024 16:18

Tgt Ion: 91 Resp: 11880
Ion Ratio Lower Upper
91 100
106 26.6 21.3 39.5





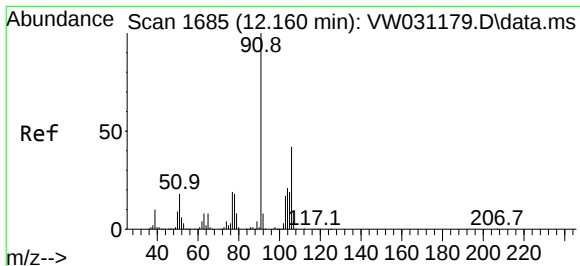
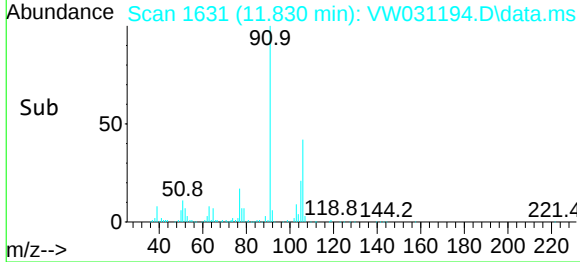
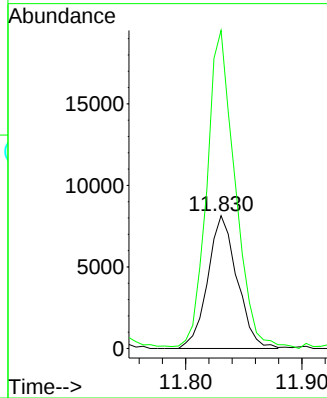
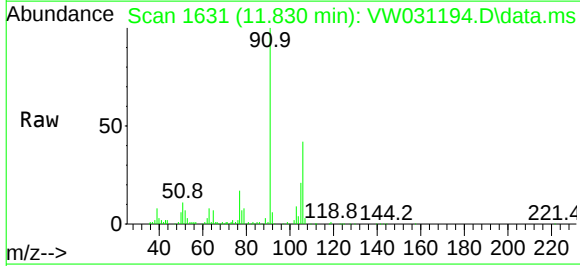
#53
m,p-Xylene
Concen: 2.258 ug/L
RT: 11.830 min Scan# 1632
Delta R.T. -0.006 min
Lab File: VW031194.D
Acq: 10 Dec 2024 16:18

Instrument :
MSVOA_W
ClientSampleId :
E28P3RE

Tgt Ion:106 Resp: 14262
Ion Ratio Lower Upper
106 100
91 239.6 140.9 261.7

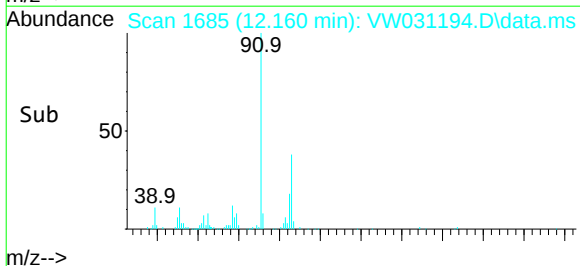
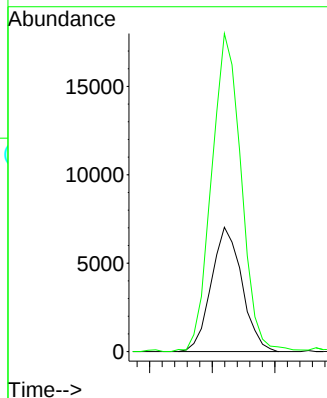
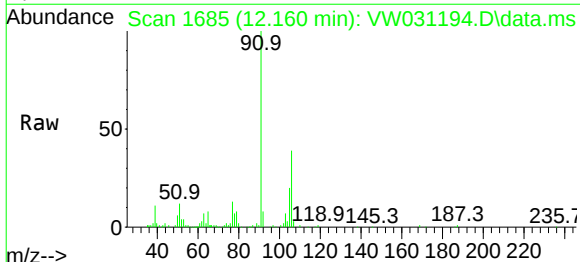
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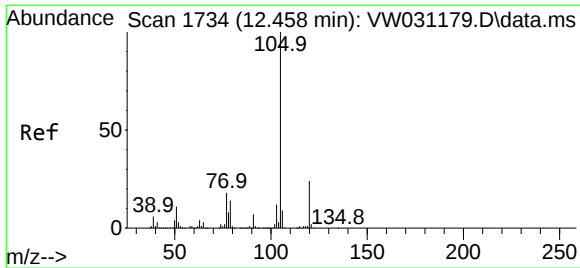
Reviewed By :Mahesh Dadoda 12/11/2024
Supervised By :Semsettin Yesilyurt 12/11/2024



#54
o-Xylene
Concen: 2.033 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW031194.D
Acq: 10 Dec 2024 16:18

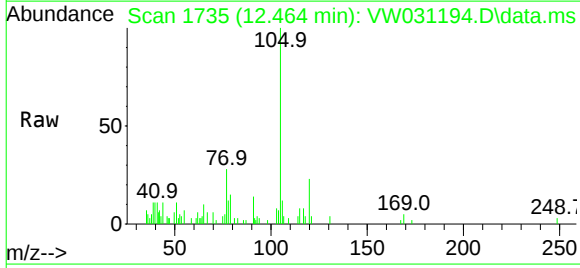
Tgt Ion:106 Resp: 11946
Ion Ratio Lower Upper
106 100
91 255.8 152.7 283.5





#60
Isopropylbenzene
Concen: 1.024 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW031194.D
Acq: 10 Dec 2024 16:18

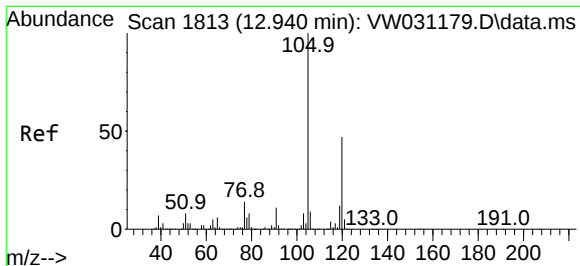
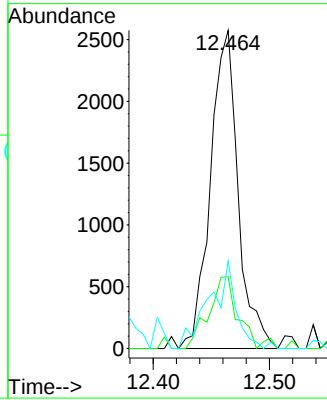
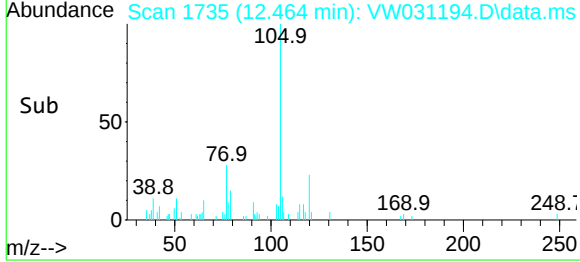
Instrument : MSVOA_W
ClientSampleId : E28P3RE



Tgt Ion:	105	Resp:	4256
Ion Ratio	Lower	Upper	
105	100		
120	21.8	21.5	32.3
77	11.4	12.3	18.5

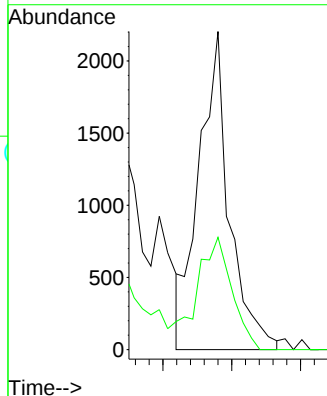
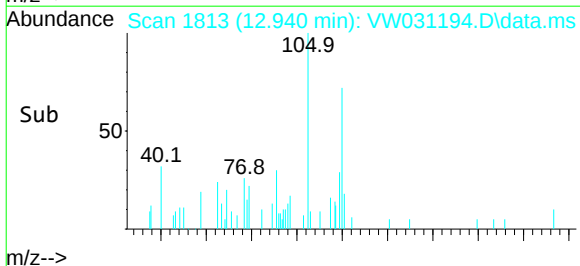
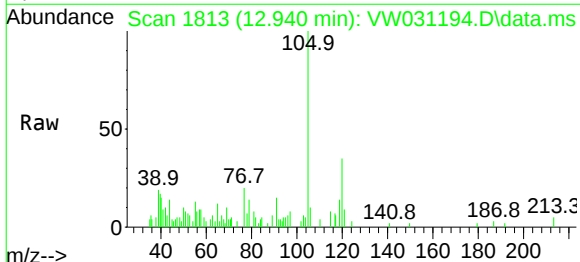
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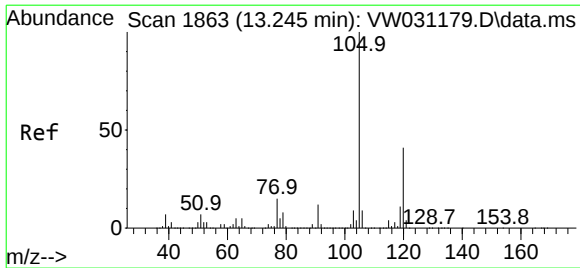
Reviewed By :Mahesh Dadoda 12/11/2024
Supervised By :Semsettin Yesilyurt 12/11/2024



#62
1,3,5-Trimethylbenzene
Concen: 1.027 ug/L m
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031194.D
Acq: 10 Dec 2024 16:18

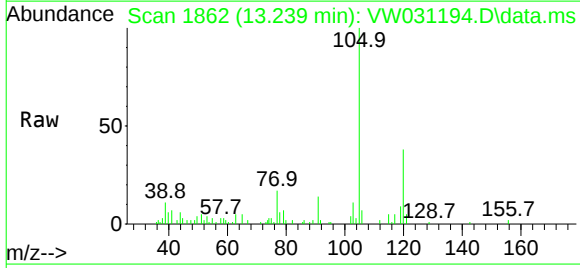
Tgt Ion:	105	Resp:	3361
Ion Ratio	Lower	Upper	
105	100		
120	123.3	40.5	60.7





1,2,4-Trimethylbenzene
 Concen: 3.103 ug/L
 RT: 13.239 min Scan# 18
 Delta R.T. -0.006 min
 Lab File: VW031194.D
 Acq: 10 Dec 2024 16:18

Instrument :
 MSVOA_W
 ClientSampleId :
 E28P3RE



Tgt Ion:105 Resp: 9973
 Ion Ratio Lower Upper
 105 100
 120 41.5 35.4 53.0

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