

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
 Data File : VW029559.D
 Acq On : 12 Jul 2024 18:44
 Operator : SY/MD
 Sample : P3230-04
 Misc : 5.13g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BHB35

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/15/2024
 Supervised By :Semsettin Yesilyurt 07/15/2024

Quant Time: Jul 12 23:28:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 12 23:17:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	426700	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	353140	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	159602	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	93043	13.498	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	54.000%		
7) Chloroethane-d5	2.899	69	74250	14.960	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	59.840%		
11) 1,1-Dichloroethene-d2	4.021	65	45749	14.780	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	59.120%		
21) 2-Butanone-d5	7.075	46	83836	40.516	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	81.040%		
24) Chloroform-d	7.648	84	193099	15.654	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	62.600%		
26) 1,2-Dichloroethane-d4	8.307	65	121178	16.748	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	67.000%#		
32) Benzene-d6	8.276	84	378695	17.901	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	71.600%		
36) 1,2-Dichloropropane-d6	9.270	67	125300	18.524	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	74.080%		
41) Toluene-d8	10.325	98	339446	18.245	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	73.000%		
43) trans-1,3-Dichloroprop...	10.581	79	53417	18.649	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	74.600%		
47) 2-Hexanone-d5	10.928	63	57262	46.588	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	93.180%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	104973	19.115	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	76.440%		
66) 1,2-Dichlorobenzene-d4	13.848	152	96248	17.316	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	69.280%#		
Target Compounds						Qvalue
5) Vinyl chloride	2.375	62	26718	4.188	ug/L	100
13) Acetone	4.125	43	23011	11.018	ug/L	94
14) Carbon disulfide	4.399	76	11581	0.672	ug/L	96
16) Methylene chloride	4.917	84	23280	3.047	ug/L	95
20) cis-1,2-Dichloroethene	7.173	96	1001459	155.904	ug/L	99
34) Trichloroethene	9.087	95	1065896	182.682	ug/L	91
35) Methylcyclohexane	9.337	83	2884	0.308	ug/L	89
42) Toluene	10.386	91	155264	6.869	ug/L	99
46) Tetrachloroethene	10.885	164	23564133m	5684.577	ug/L	
52) Ethylbenzene	11.733	91	28515	1.113	ug/L	99
53) m,p-Xylene	11.830	106	69916	7.437	ug/L	94
54) o-Xylene	12.160	106	28288	3.253	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	26322	1.648	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	33960	1.926	ug/L	95

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

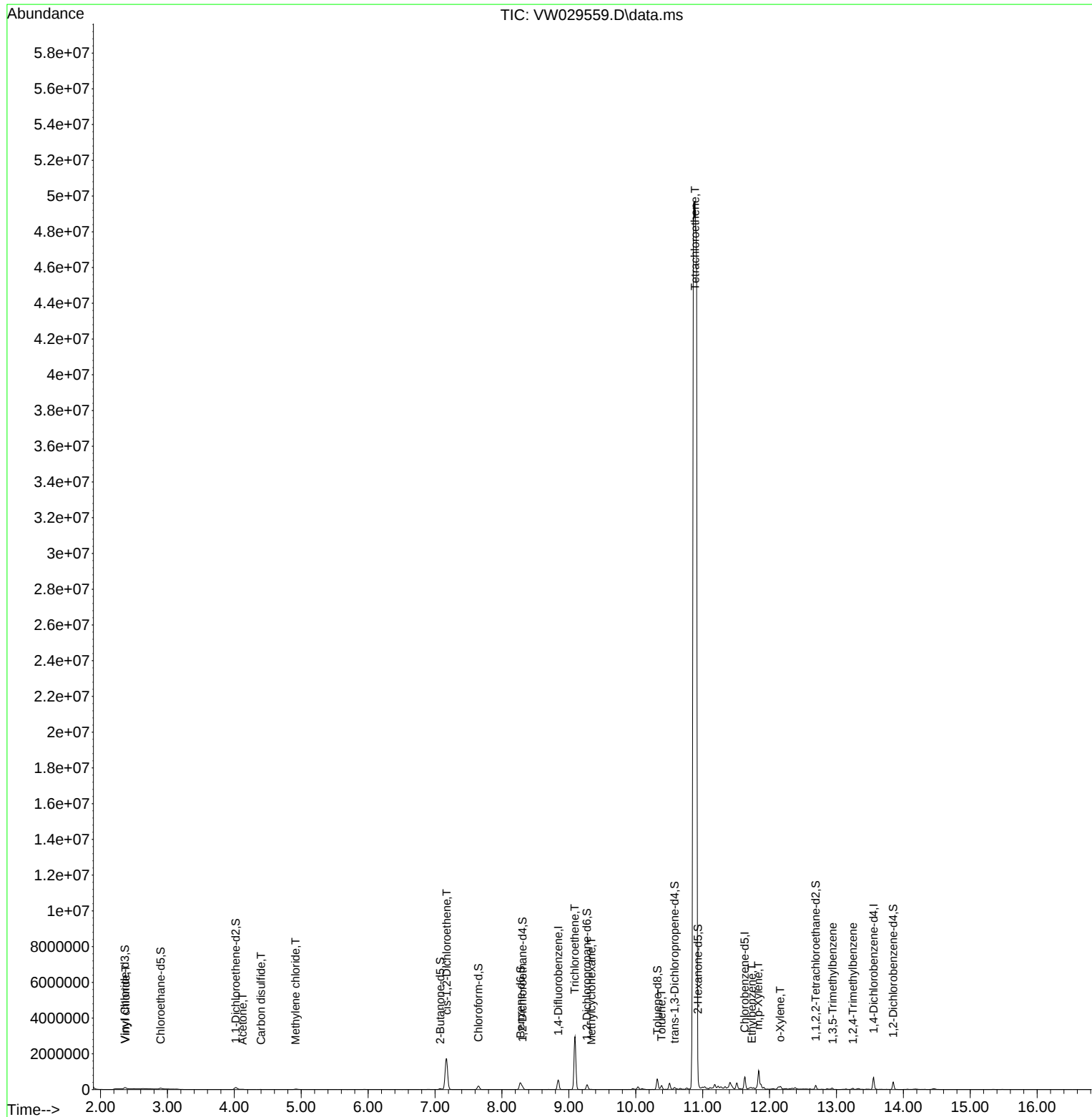
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
Data File : VW029559.D
Acq On : 12 Jul 2024 18:44
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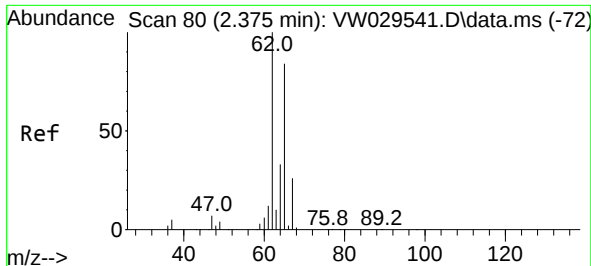
Instrument :
MSVOA_W
ClientSampleId :
BHB35

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Supervised By :Semsettin Yesilyurt 07/15/2024

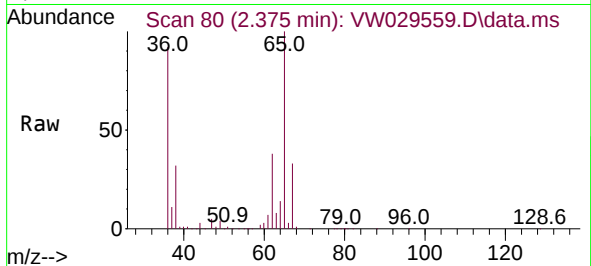
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 12 23:17:28 2024
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 4.188 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW029559.D
 Acq: 12 Jul 2024 18:44

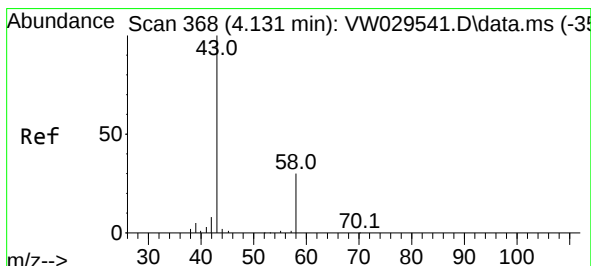
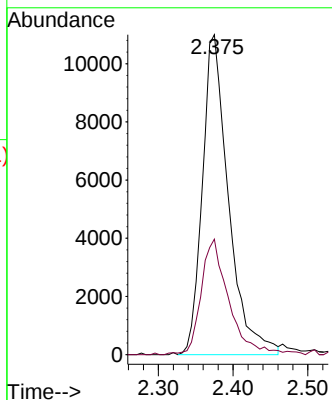
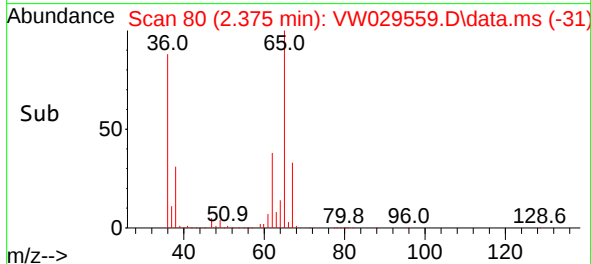
Instrument :
 MSVOA_W
 ClientSampleId :
 BHB35



Tgt Ion: 62 Resp: 26718
 Ion Ratio Lower Upper
 62 100
 64 36.1 25.1 46.5

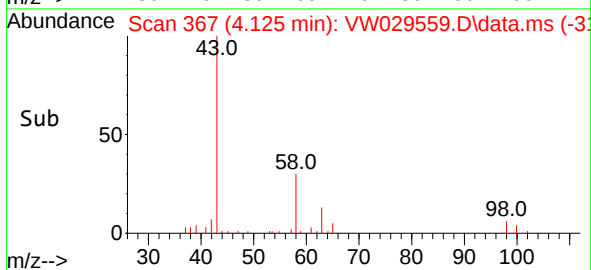
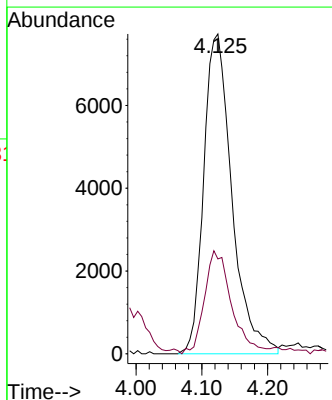
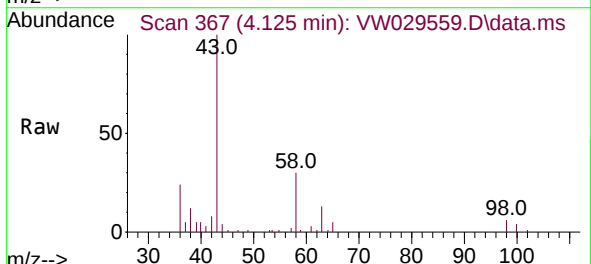
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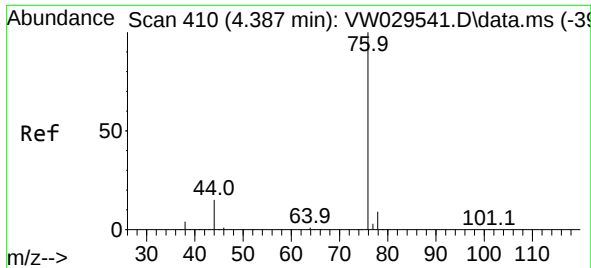
Reviewed By :Mahesh Dadoda 07/15/2024
 Supervised By :Semsettin Yesilyurt 07/15/2024



#13
 Acetone
 Concen: 11.018 ug/L
 RT: 4.125 min Scan# 367
 Delta R.T. -0.006 min
 Lab File: VW029559.D
 Acq: 12 Jul 2024 18:44

Tgt Ion: 43 Resp: 23011
 Ion Ratio Lower Upper
 43 100
 58 30.7 0.0 55.6





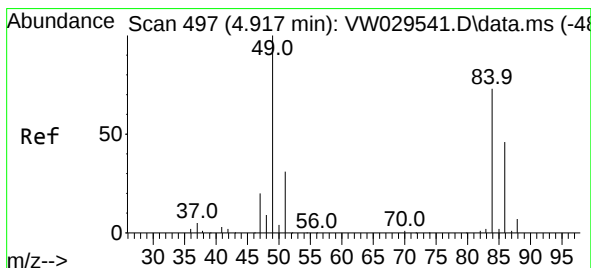
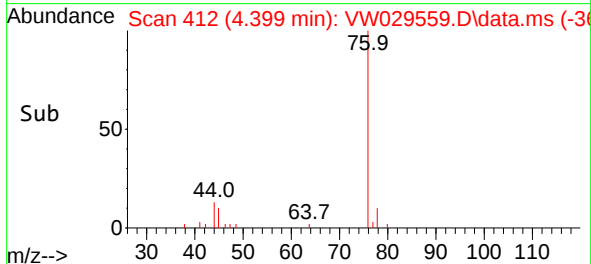
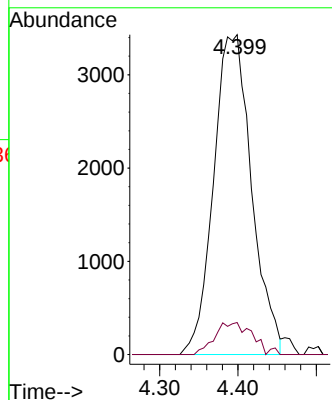
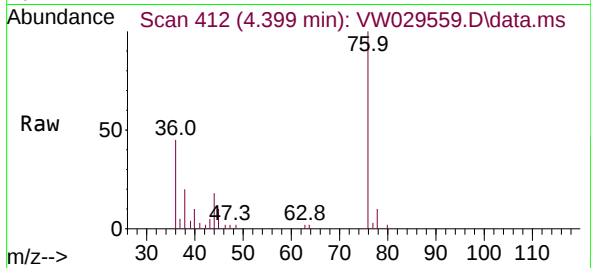
#14
Carbon disulfide
Concen: 0.672 ug/L
RT: 4.399 min Scan# 410
Delta R.T. 0.012 min
Lab File: VW029559.D
Acq: 12 Jul 2024 18:44

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion: 76 Resp: 1158
Ion Ratio Lower Upper
76 100
78 10.0 7.0 10.4

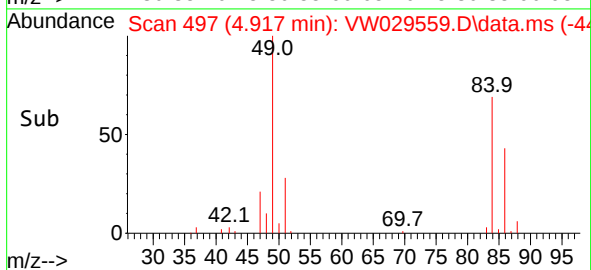
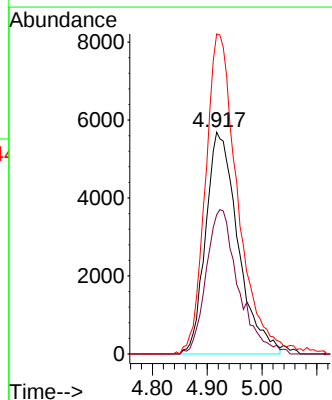
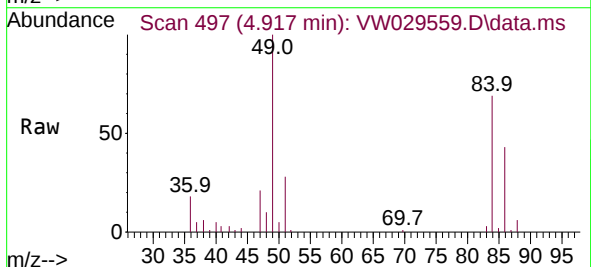
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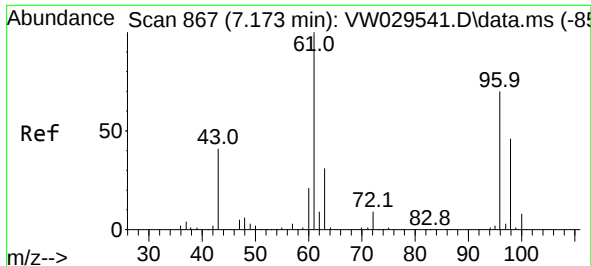
Reviewed By :Mahesh Dadoda 07/15/2024
Supervised By :Semsettin Yesilyurt 07/15/2024



#16
Methylene chloride
Concen: 3.047 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW029559.D
Acq: 12 Jul 2024 18:44

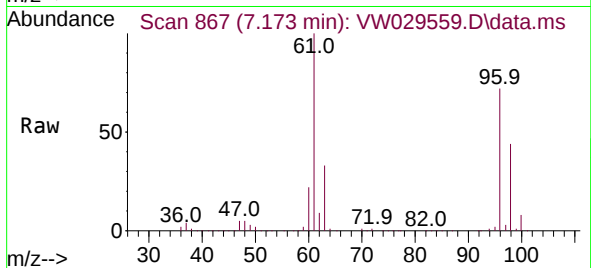
Tgt Ion: 84 Resp: 23280
Ion Ratio Lower Upper
84 100
86 62.7 46.2 85.8
49 144.3 96.7 179.7





#20
cis-1,2-Dichloroethene
Concen: 155.904 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW029559.D
Acq: 12 Jul 2024 18:44

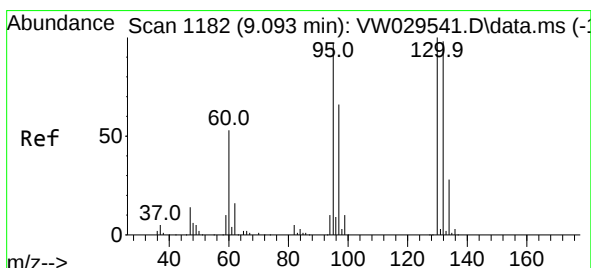
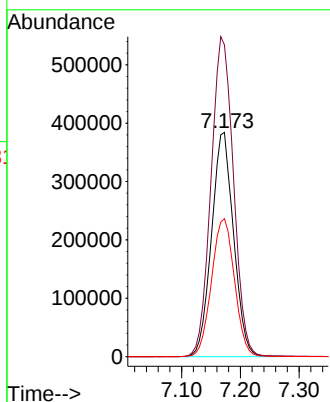
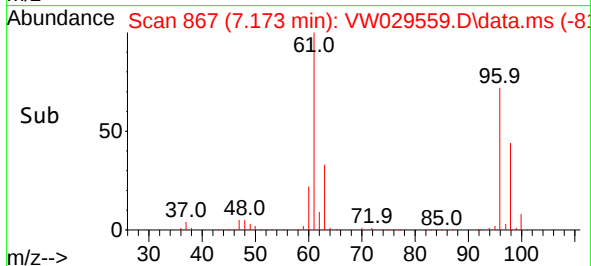
Instrument :
MSVOA_W
ClientSampleId :
BHB35



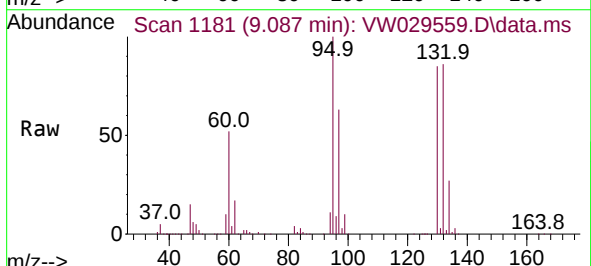
Tgt Ion: 96 Resp: 1001459
Ion Ratio Lower Upper
96 100
61 139.0 97.4 180.8
98 61.5 41.6 77.2

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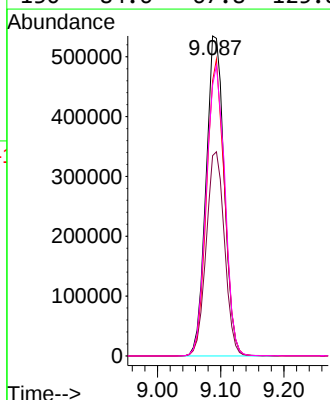
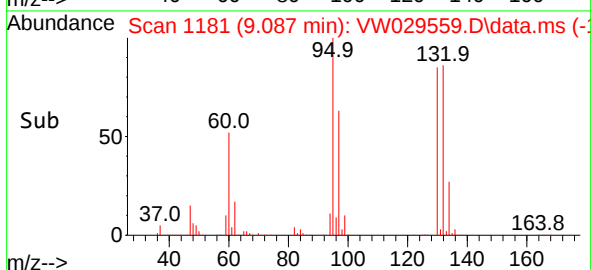
Reviewed By :Mahesh Dadoda 07/15/2024
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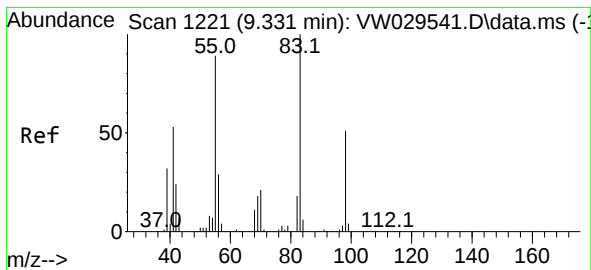


#34
Trichloroethene
Concen: 182.682 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.006 min
Lab File: VW029559.D
Acq: 12 Jul 2024 18:44



Tgt Ion: 95 Resp: 1065896
Ion Ratio Lower Upper
95 100
97 62.6 47.3 87.9
132 85.9 65.8 122.2
130 84.6 67.8 125.8





#35

Methylcyclohexane

Concen: 0.308 ug/L

RT: 9.337 min Scan# 1221

Delta R.T. 0.006 min

Lab File: VW029559.D

Acq: 12 Jul 2024 18:44

Instrument :

MSVOA_W

ClientSampleId :

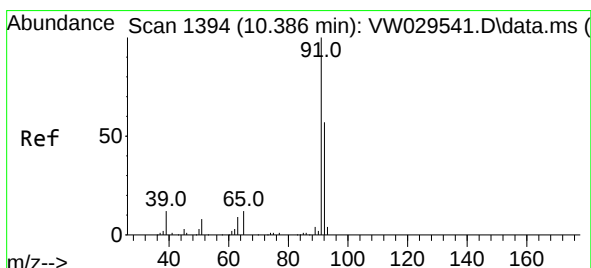
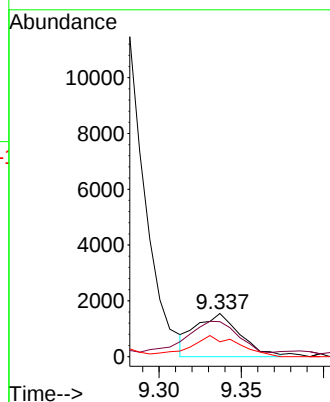
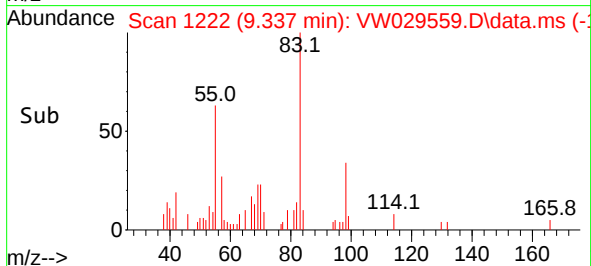
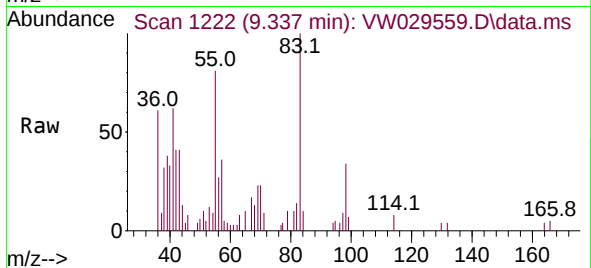
BHB35

Tgt Ion: 83	Resp: 2884
Ion Ratio	Lower Upper
83	100
55	98.6 69.6 104.4
98	53.7 38.3 57.5

Manual Integrations

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#42

Toluene

Concen: 6.869 ug/L

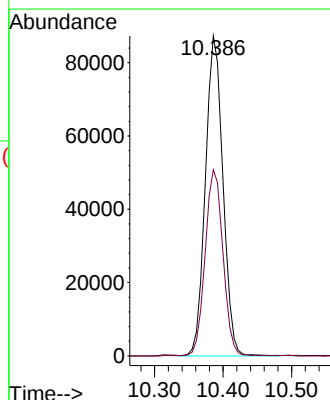
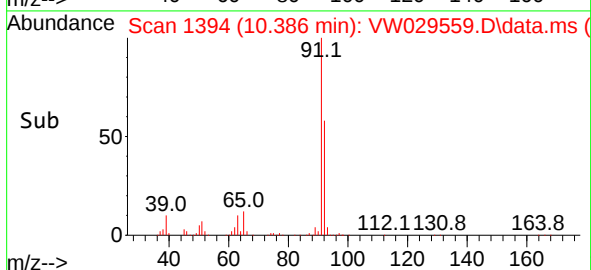
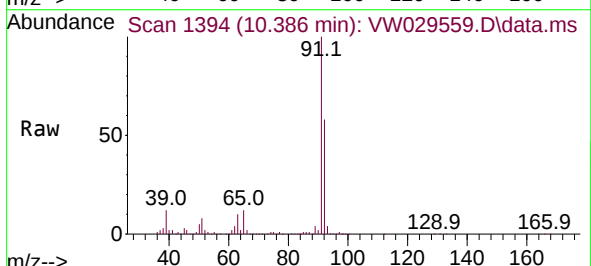
RT: 10.386 min Scan# 1394

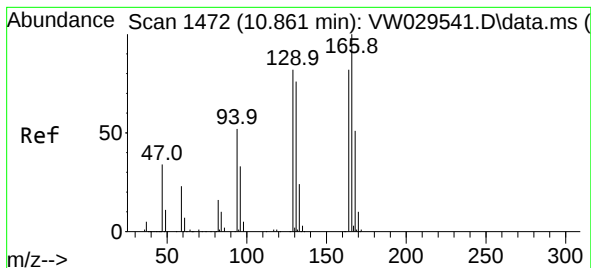
Delta R.T. -0.000 min

Lab File: VW029559.D

Acq: 12 Jul 2024 18:44

Tgt Ion: 91	Resp: 155264
Ion Ratio	Lower Upper
91	100
92	58.2 41.1 76.3





#46

Tetrachloroethene

Concen: 5684.577 ug/L m

RT: 10.885 min Scan# 14

Delta R.T. 0.024 min

Lab File: VW029559.D

Acq: 12 Jul 2024 18:44

Instrument :

MSVOA_W

ClientSampleId :

BHB35

Tgt Ion:164 Resp:23564133

Ion Ratio Lower Upper

164 100

129 98.6 60.0 111.4

131 92.7 64.6 120.0

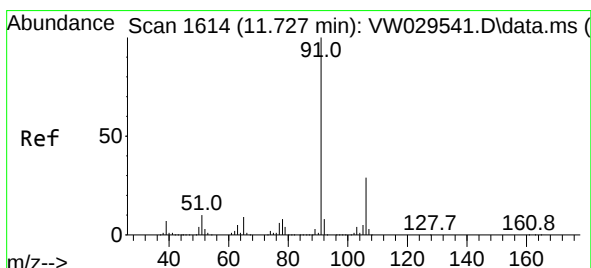
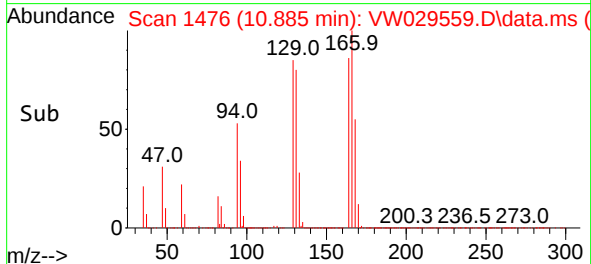
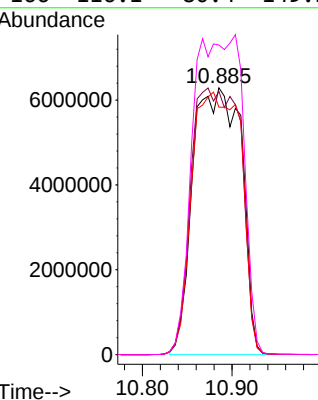
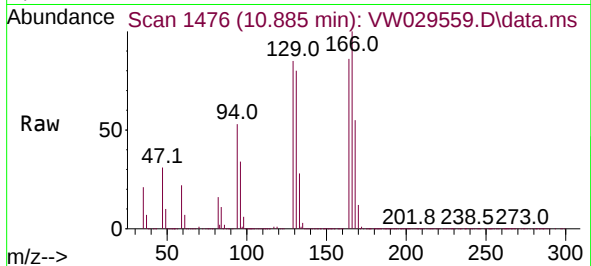
166 116.1 80.4 149.2

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#52

Ethylbenzene

Concen: 1.113 ug/L

RT: 11.733 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VW029559.D

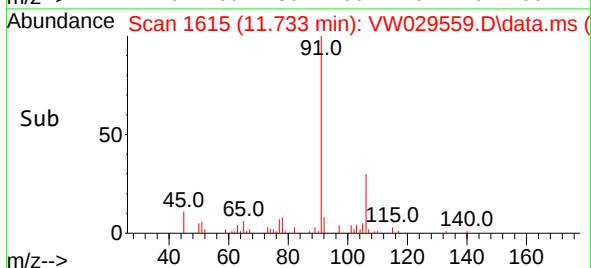
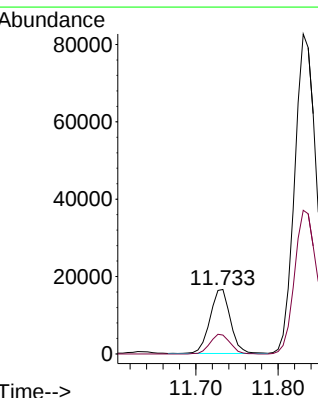
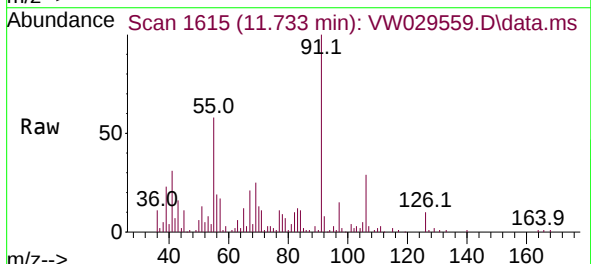
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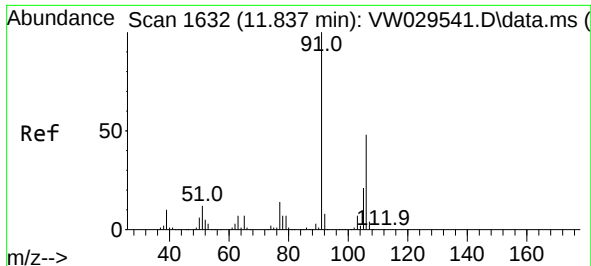
Tgt Ion: 91 Resp: 28515

Ion Ratio Lower Upper

91 100

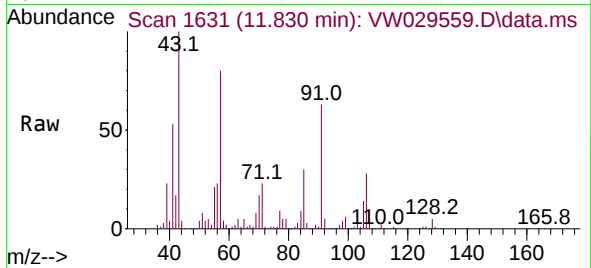
106 29.2 20.2 37.6





#53
m,p-Xylene
Concen: 7.437 ug/L
RT: 11.830 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW029559.D
Acq: 12 Jul 2024 18:44

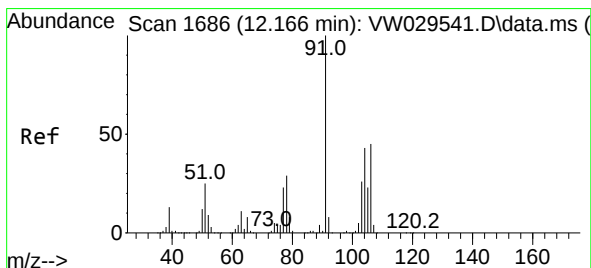
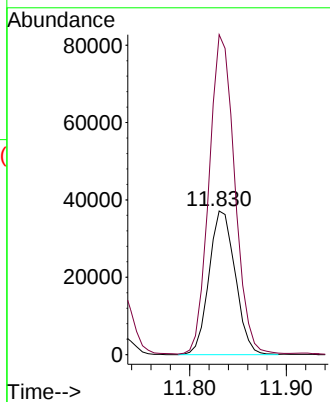
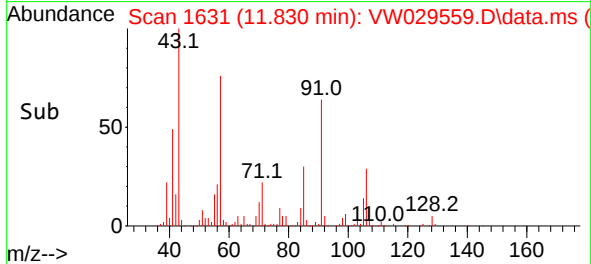
Instrument :
MSVOA_W
ClientSampleId :
BHB35



Tgt Ion:106 Resp: 69916
Ion Ratio Lower Upper
106 100
91 222.9 149.3 277.3

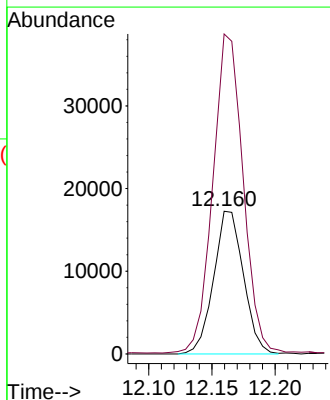
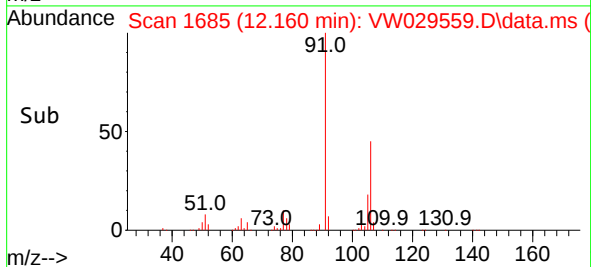
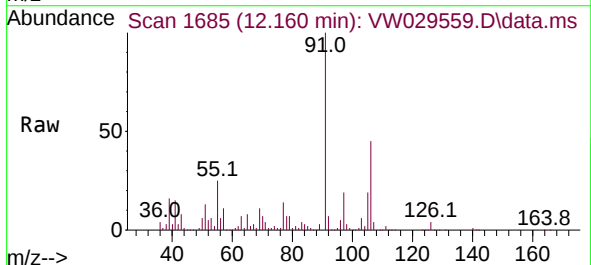
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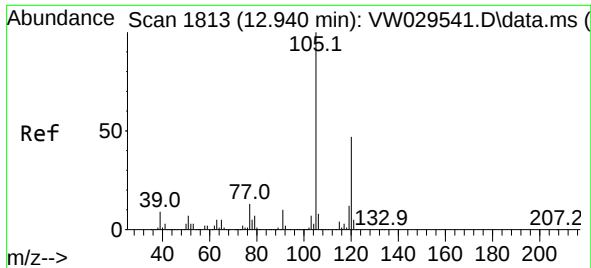
Reviewed By :Mahesh Dadoda 07/15/2024
Supervised By :Semsettin Yesilyurt 07/15/2024



#54
o-Xylene
Concen: 3.253 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW029559.D
Acq: 12 Jul 2024 18:44

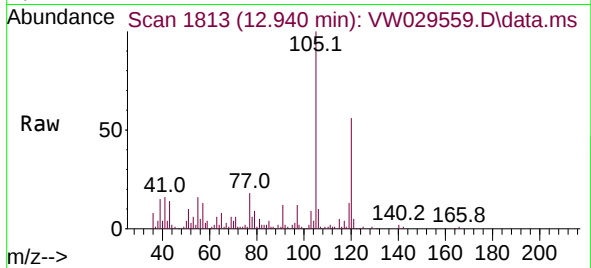
Tgt Ion:106 Resp: 28288
Ion Ratio Lower Upper
106 100
91 224.3 159.2 295.6





#62
1,3,5-Trimethylbenzene
Concen: 1.648 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW029559.D
Acq: 12 Jul 2024 18:44

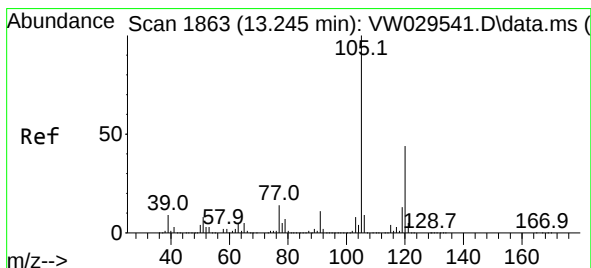
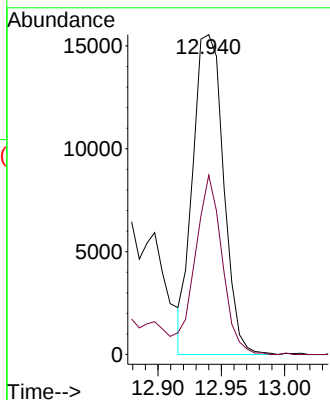
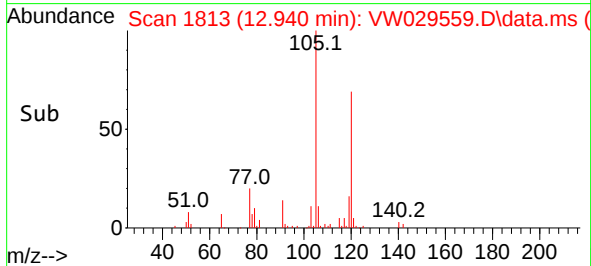
Instrument :
MSVOA_W
ClientSampleId :
BHB35



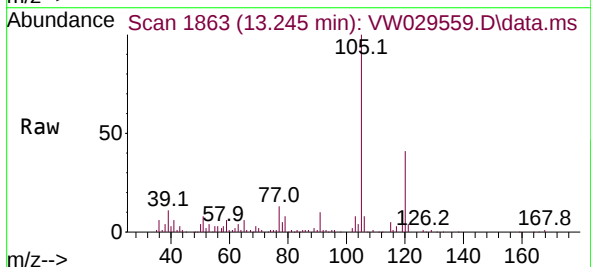
Tgt Ion:105 Resp: 2632
Ion Ratio Lower Upper
105 100
120 49.9 38.4 57.6

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/15/2024
Supervised By :Semsettin Yesilyurt 07/15/2024



#63
1,2,4-Trimethylbenzene
Concen: 1.926 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW029559.D
Acq: 12 Jul 2024 18:44



Tgt Ion:105 Resp: 33960
Ion Ratio Lower Upper
105 100
120 40.1 34.7 52.1

