

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
 Data File : VW029557.D
 Acq On : 12 Jul 2024 17:32
 Operator : SY/MD
 Sample : P3230-02
 Misc : 5.95g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BHB33

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

07/15/2024
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Jul 12 23:28:05 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	8.849	114	347998	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.648	117	271425	25.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	13.556	152	107175	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.375	65	123454	21.960	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.840%
7) Chloroethane-d5	2.899	69	67592	16.698	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.800%
11) 1,1-Dichloroethene-d2	4.039	65	41071	16.269	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.080%
21) 2-Butanone-d5	7.088	46	69628m	41.260	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.520%
24) Chloroform-d	7.667	84	159618	15.866	ug/L	0.02
Spiked Amount	25.000	Range	40 - 150	Recovery	=	63.480%
26) 1,2-Dichloroethane-d4	8.313	65	109171	18.501	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.000%
32) Benzene-d6	8.289	84	310678	19.107	ug/L	0.01
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.440%
36) 1,2-Dichloropropane-d6	9.282	67	103328	19.875	ug/L	0.01
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.520%
41) Toluene-d8	10.337	98	283452	19.822	ug/L	0.02
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.280%
43) trans-1,3-Dichloroprop...	10.581	79	49350	22.416	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.680%
47) 2-Hexanone-d5	0.000	63	0d	0.000	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.000%#
56) 1,1,2,2-Tetrachloroeth...	12.696	84	92947	22.020	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.080%
66) 1,2-Dichlorobenzene-d4	13.855	152	66324	17.770	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	71.080%#

Target Compounds					Qvalue
5) Vinyl chloride	2.381	62	4742935	911.572	ug/L 94
12) 1,1-Dichloroethene	4.064	96	49010	11.325	ug/L # 66
13) Acetone	4.125	43	22791	13.381	ug/L 94
14) Carbon disulfide	4.405	76	11525	0.820	ug/L 99
16) Methylene chloride	4.948	84	20143	3.233	ug/L 95
17) trans-1,2-Dichloroethene	5.454	96	147373	30.761	ug/L 93
19) 1,1-Dichloroethane	6.240	63	21769	2.213	ug/L 97
20) cis-1,2-Dichloroethene	7.173	96	43158531m	8238.281	ug/L
30) 1,1,1-Trichloroethane	7.886	97	28865	4.657	ug/L 99
34) Trichloroethene	9.099	95	27638877m	6163.078	ug/L
35) Methylcyclohexane	9.349	83	24946	3.461	ug/L 96
42) Toluene	10.398	91	4079586	234.819	ug/L 99
46) Tetrachloroethene	10.880	164	58315753m	18303.311	ug/L
52) Ethylbenzene	11.745	91	327294	16.628	ug/L 99
53) m,p-Xylene	11.849	106	766314	106.052	ug/L 100
54) o-Xylene	12.172	106	296696	44.394	ug/L 95
60) Isopropylbenzene	12.471	105	34291	2.274	ug/L 98
62) 1,3,5-Trimethylbenzene	12.946	105	155178	14.467	ug/L 100
63) 1,2,4-Trimethylbenzene	13.251	105	188092	15.888	ug/L 98

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

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

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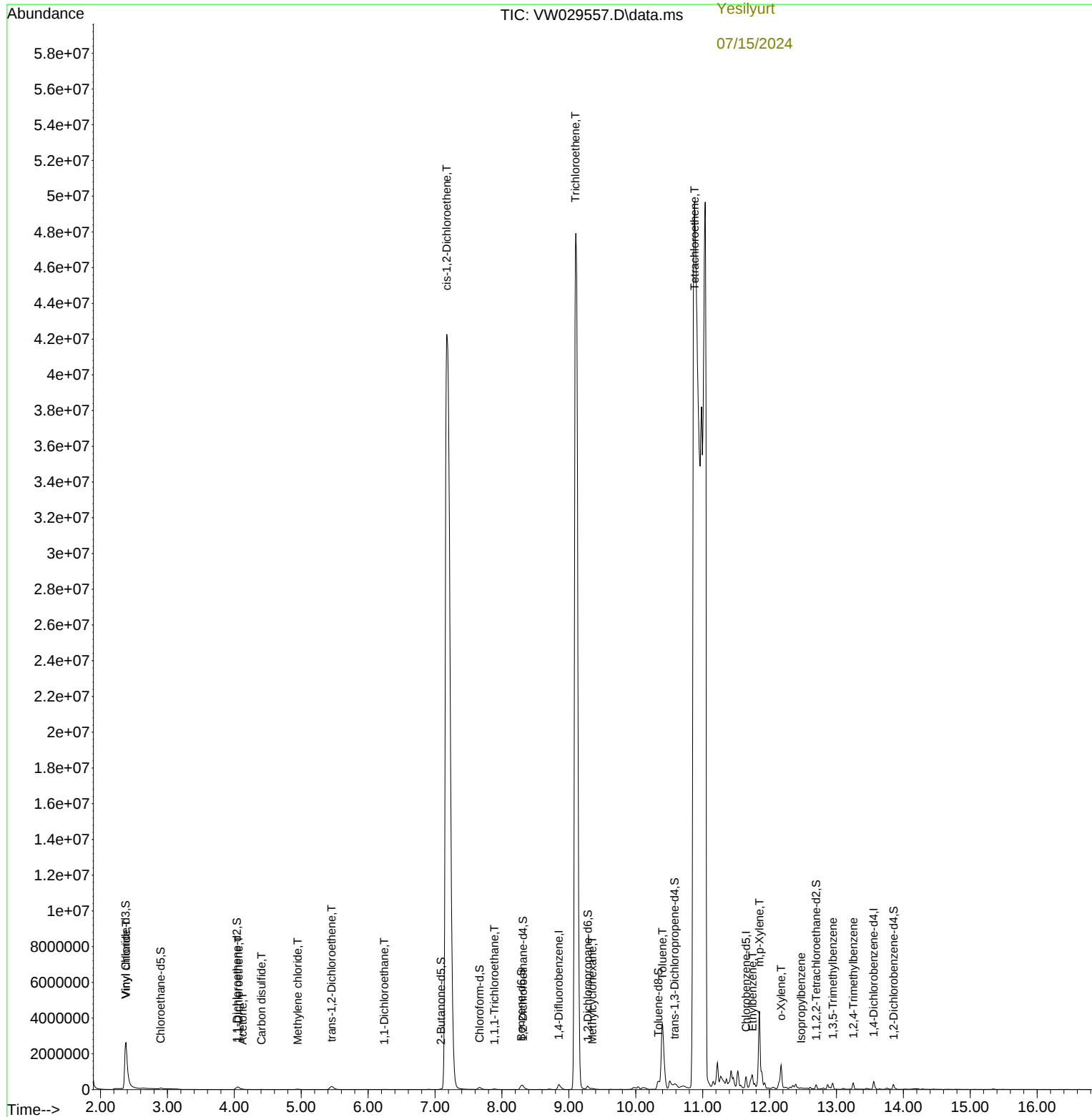
Instrument :
MSVOA_W
ClientSampleId :
BHB33

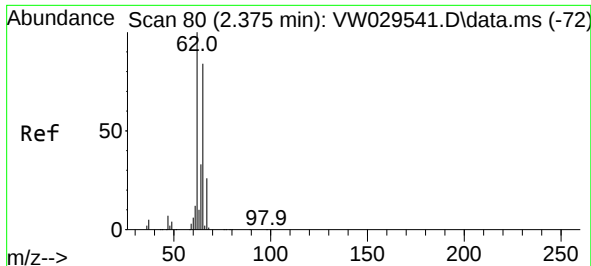
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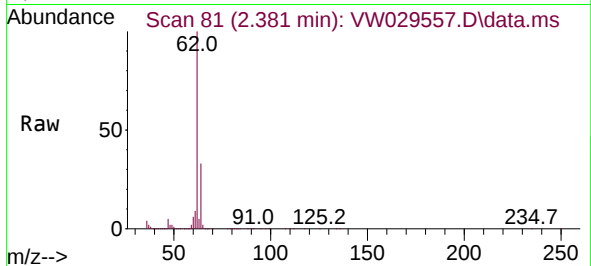
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#5
 Vinyl chloride
 Concen: 911.572 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW029557.D
 Acq: 12 Jul 2024 17:32

Instrument :
 MSVOA_W
 ClientSampleId :
 BHB33



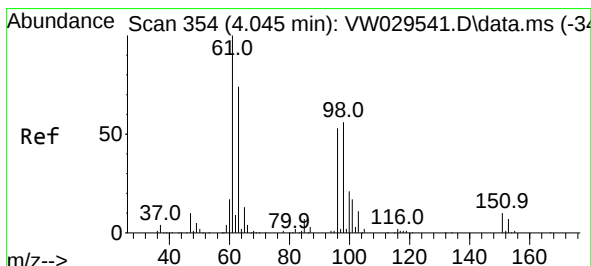
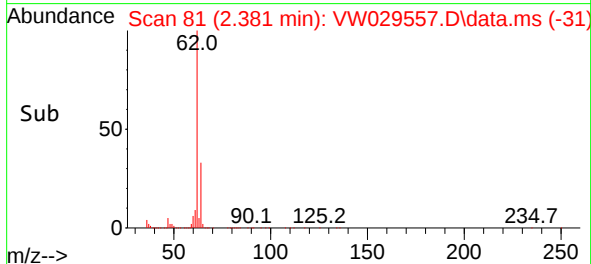
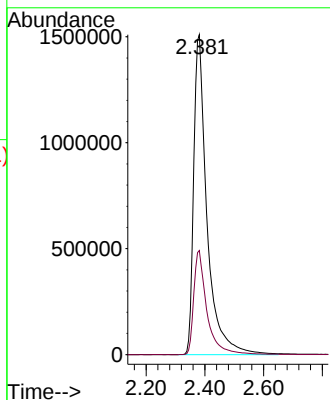
Tgt Ion: 62 Resp: 4742935
 Ion Ratio Lower Upper
 62 100
 64 32.5 25.1 46.5

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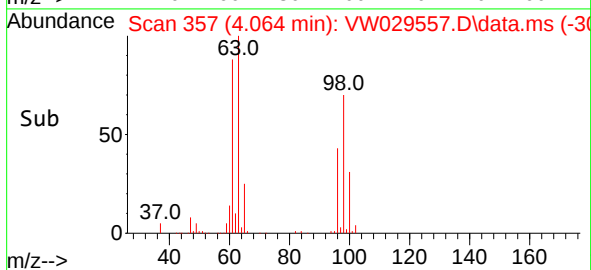
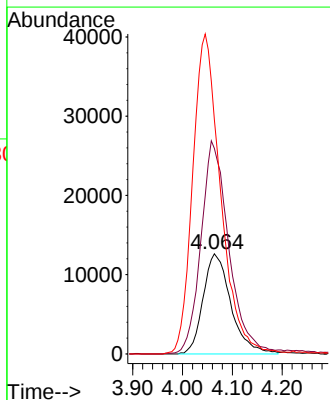
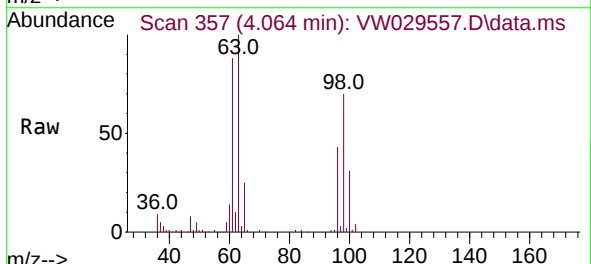
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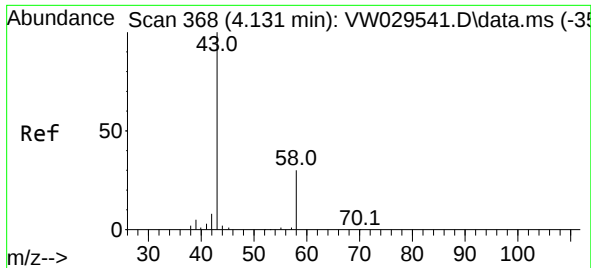
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#12
 1,1-Dichloroethene
 Concen: 11.325 ug/L
 RT: 4.064 min Scan# 357
 Delta R.T. 0.018 min
 Lab File: VW029557.D
 Acq: 12 Jul 2024 17:32

Tgt Ion: 96 Resp: 49010
 Ion Ratio Lower Upper
 96 100
 61 205.4 132.4 245.8
 63 234.2 108.4 201.2#





#13
Acetone
Concen: 13.381 ug/L
RT: 4.125 min Scan# 367
Delta R.T. -0.006 min
Lab File: VW029557.D
Acq: 12 Jul 2024 17:32

Instrument :
MSVOA_W
ClientSampleId :
BHB33

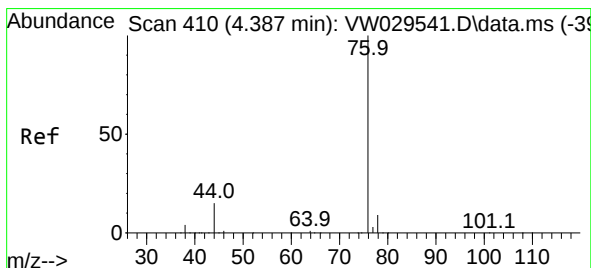
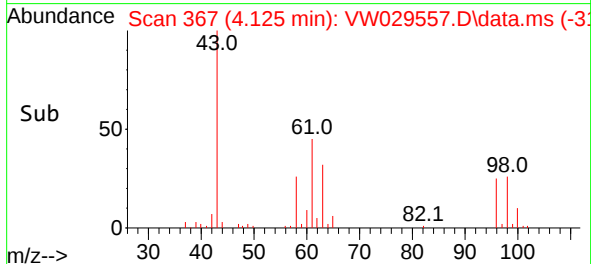
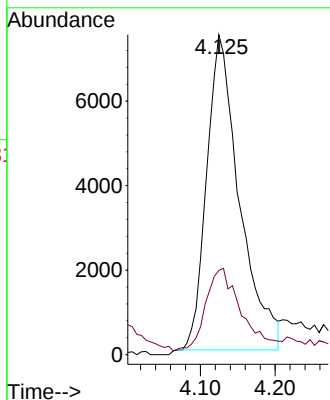
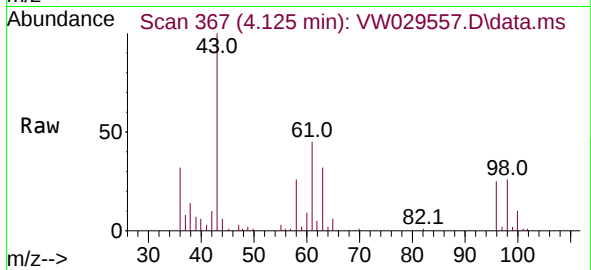
Tgt Ion: 43 Resp: 2279
Ion Ratio Lower Upper
43 100
58 30.8 0.0 55.6

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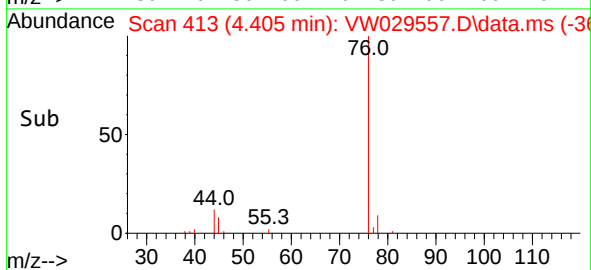
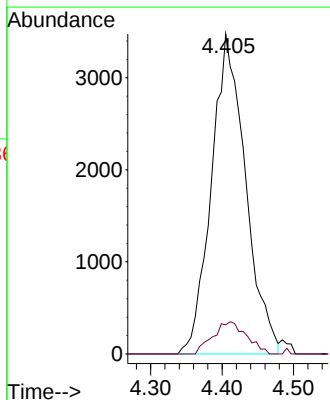
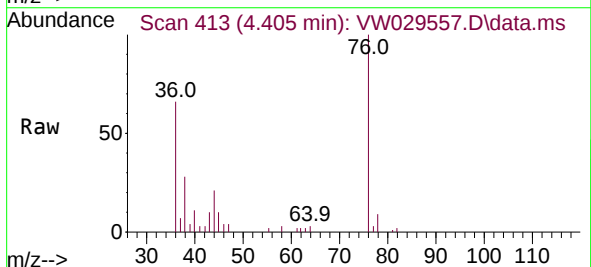
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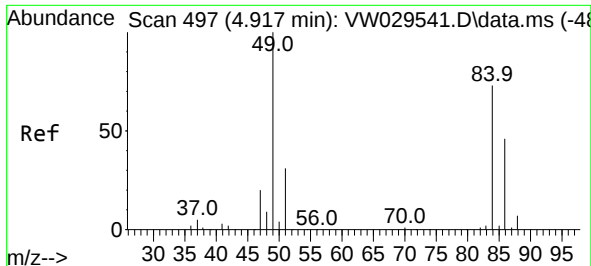
07/15/2024



#14
Carbon disulfide
Concen: 0.820 ug/L
RT: 4.405 min Scan# 413
Delta R.T. 0.018 min
Lab File: VW029557.D
Acq: 12 Jul 2024 17:32

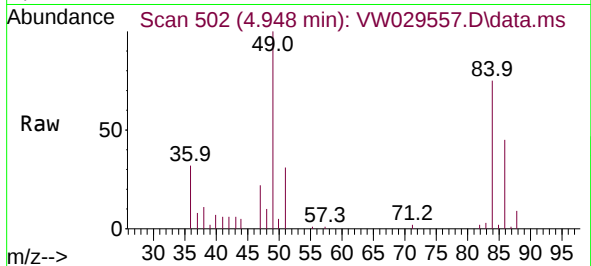
Tgt Ion: 76 Resp: 11525
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4





#16
Methylene chloride
Concen: 3.233 ug/L
RT: 4.948 min Scan# 502
Delta R.T. 0.031 min
Lab File: VW029557.D
Acq: 12 Jul 2024 17:32

Instrument :
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ClientSampleId :
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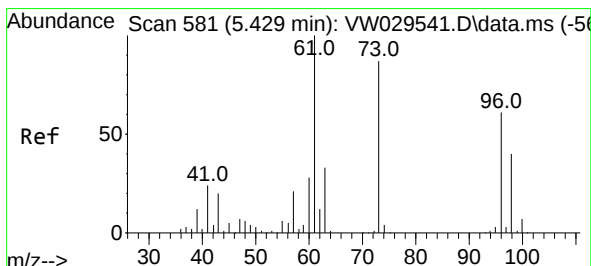
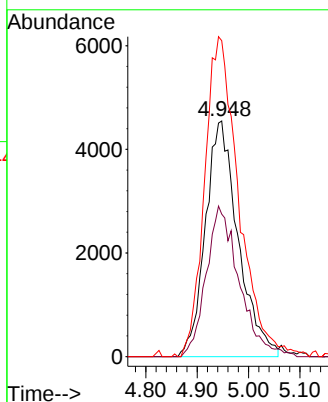
Tgt Ion: 84 Resp: 20143
Ion Ratio Lower Upper
84 100
86 60.5 46.2 85.8
49 134.1 96.7 179.7

Manual Integrations
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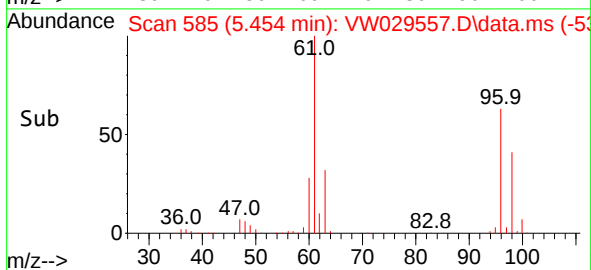
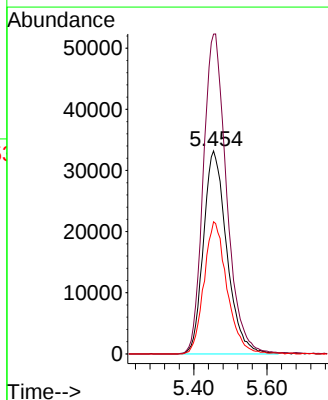
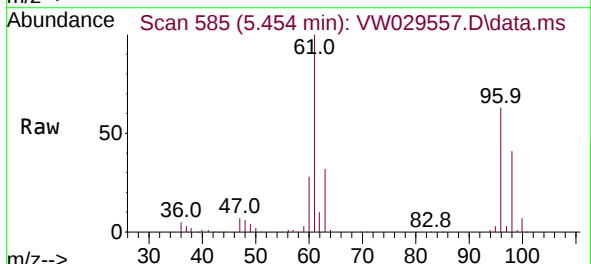
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Supervised By :Semsettin
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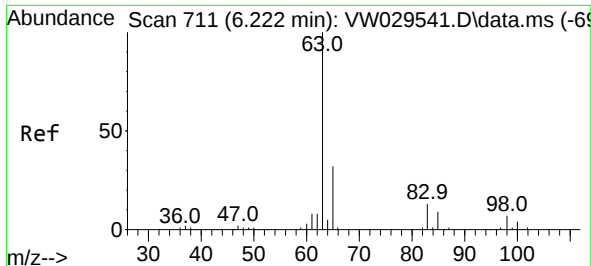
07/15/2024



#17
trans-1,2-Dichloroethene
Concen: 30.761 ug/L
RT: 5.454 min Scan# 585
Delta R.T. 0.024 min
Lab File: VW029557.D
Acq: 12 Jul 2024 17:32

Tgt Ion: 96 Resp: 147373
Ion Ratio Lower Upper
96 100
61 157.5 102.9 191.1
98 65.1 43.9 81.5





#19
1,1-Dichloroethane
Concen: 2.213 ug/L
RT: 6.240 min Scan# 711
Delta R.T. 0.018 min
Lab File: VW029557.D
Acq: 12 Jul 2024 17:32

Instrument :
MSVOA_W
ClientSampleId :
BHB33

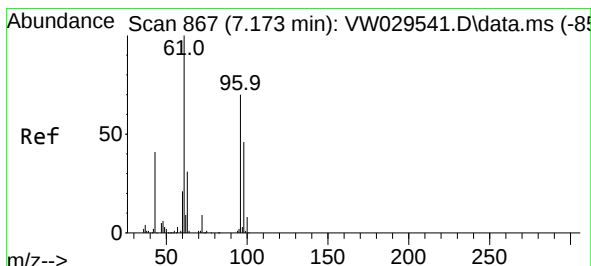
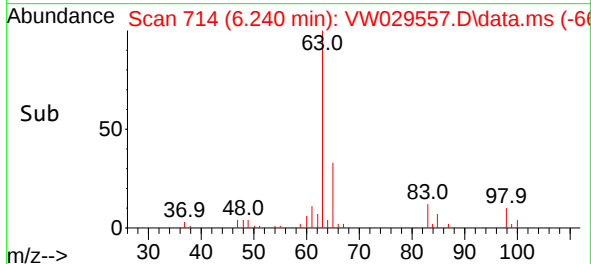
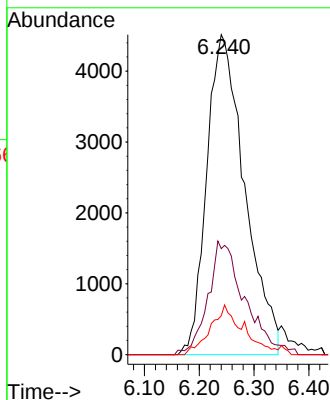
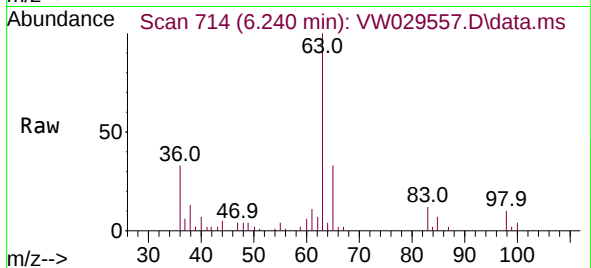
Tgt Ion: 63 Resp: 21769
Ion Ratio Lower Upper
63 100
65 33.1 21.5 39.9
83 12.1 8.7 16.1

Manual Integrations
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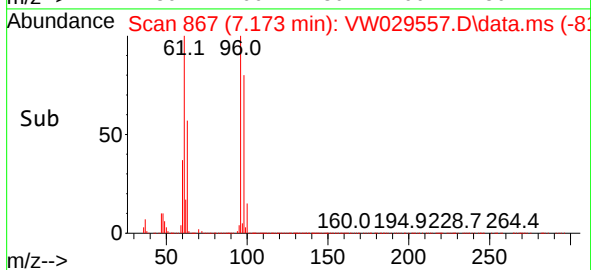
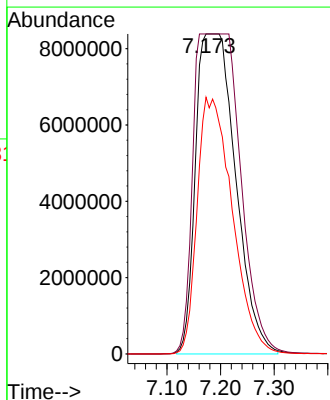
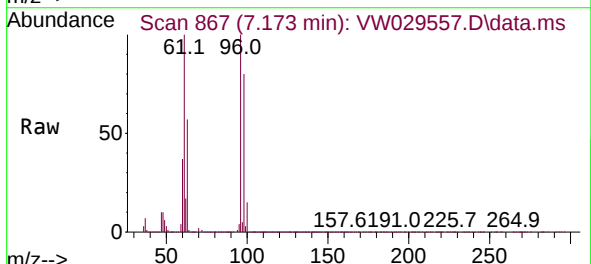
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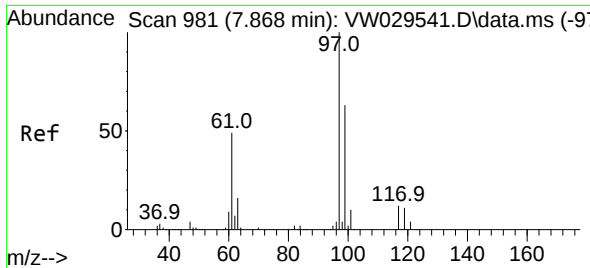
07/15/2024



#20
cis-1,2-Dichloroethene
Concen: 8238.281 ug/L m
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW029557.D
Acq: 12 Jul 2024 17:32

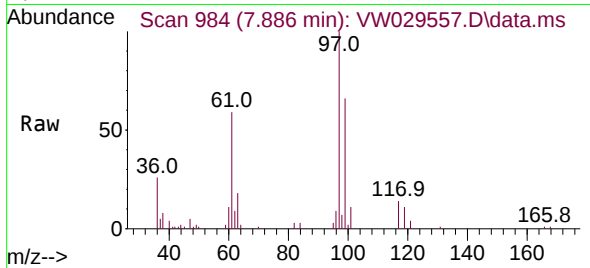
Tgt Ion: 96 Resp:43158531
Ion Ratio Lower Upper
96 100
61 100.0 97.4 180.8
98 80.2 41.6 77.2#





#30
1,1,1-Trichloroethane
Concen: 4.657 ug/L
RT: 7.886 min Scan# 981
Delta R.T. 0.018 min
Lab File: VW029557.D
Acq: 12 Jul 2024 17:32

Instrument :
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ClientSampleId :
BHB33



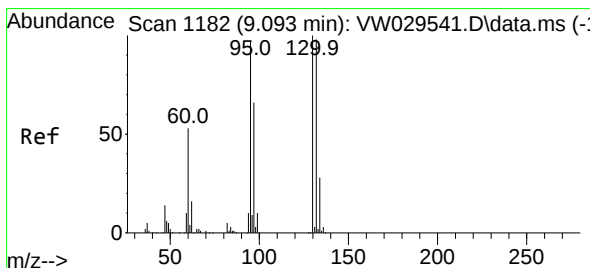
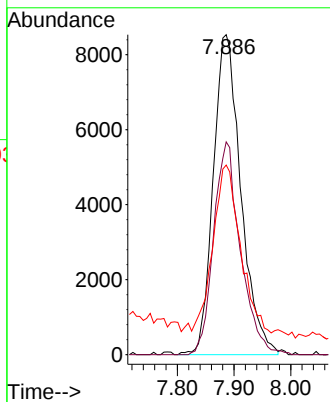
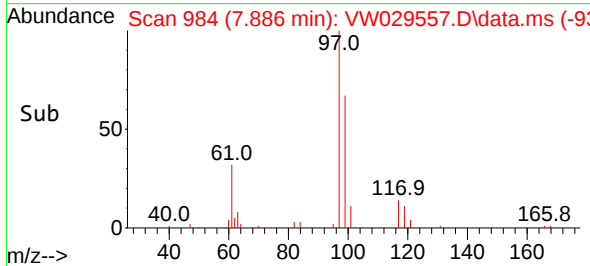
Tgt Ion:	97	Resp:	2886
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.1	76.7
61	51.8	40.6	61.0

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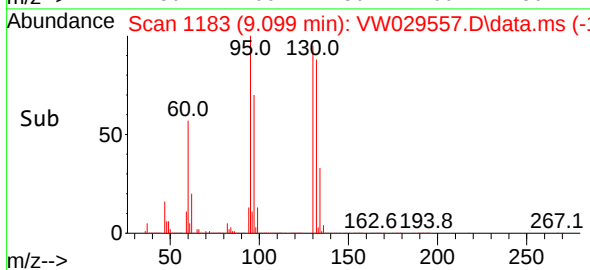
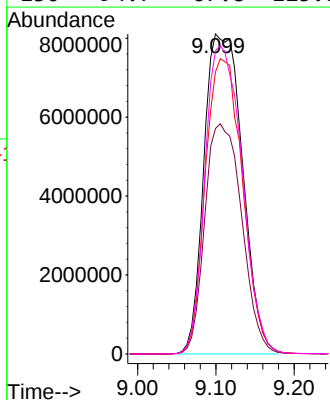
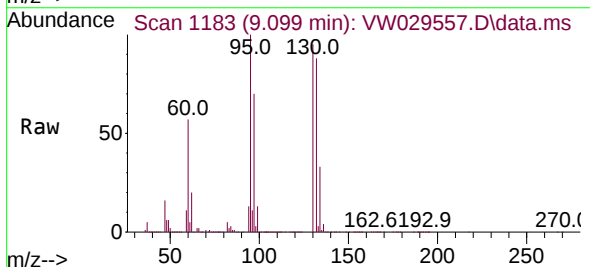
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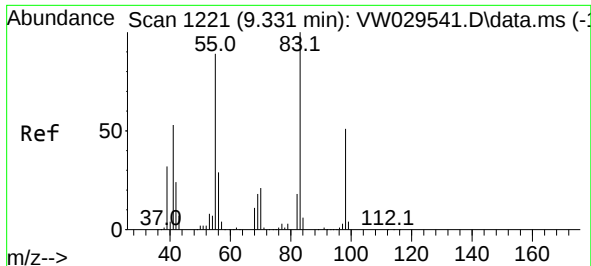
07/15/2024



#34
Trichloroethene
Concen: 6163.078 ug/L m
RT: 9.099 min Scan# 1183
Delta R.T. 0.006 min
Lab File: VW029557.D
Acq: 12 Jul 2024 17:32

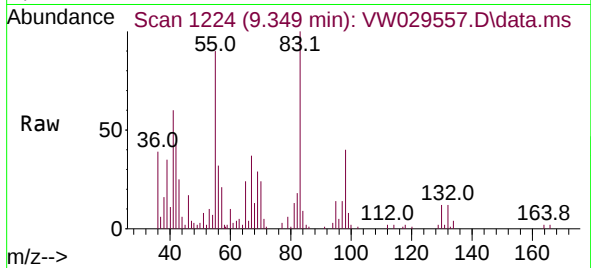
Tgt Ion:	95	Resp:	27638877
Ion	Ratio	Lower	Upper
95	100		
97	70.4	47.3	87.9
132	88.1	65.8	122.2
130	94.7	67.8	125.8





#35
Methylcyclohexane
Concen: 3.461 ug/L
RT: 9.349 min Scan# 1224
Delta R.T. 0.018 min
Lab File: VW029557.D
Acq: 12 Jul 2024 17:32

Instrument :
MSVOA_W
ClientSampleId :
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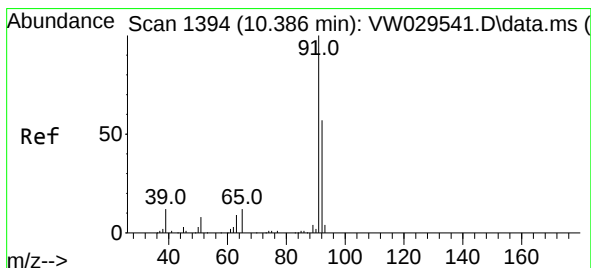
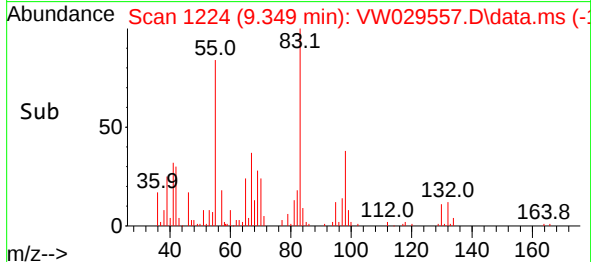
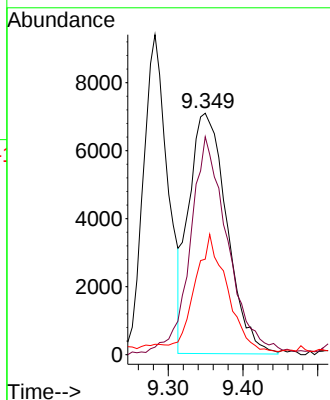
Tgt Ion: 83 Resp: 24946
Ion Ratio Lower Upper
83 100
55 86.1 69.6 104.4
98 41.2 38.3 57.5

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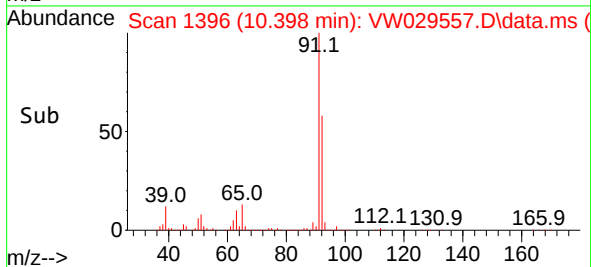
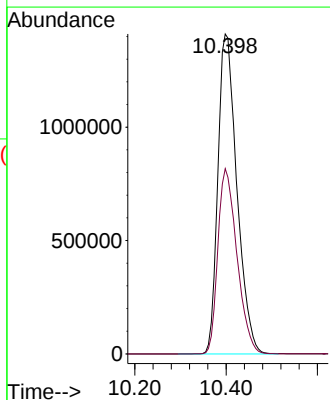
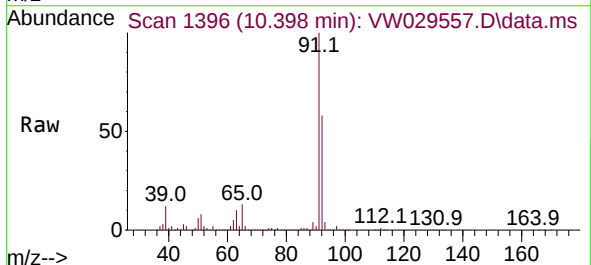
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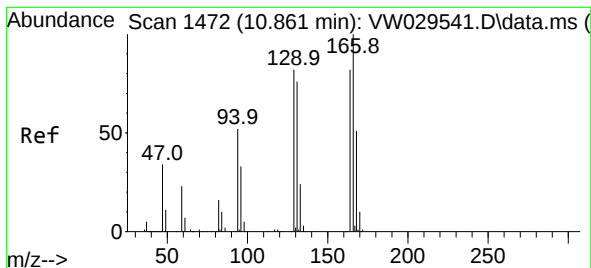
07/15/2024



#42
Toluene
Concen: 234.819 ug/L
RT: 10.398 min Scan# 1396
Delta R.T. 0.012 min
Lab File: VW029557.D
Acq: 12 Jul 2024 17:32

Tgt Ion: 91 Resp: 4079586
Ion Ratio Lower Upper
91 100
92 57.9 41.1 76.3





#46

Tetrachloroethene

Concen: 18303.311 ug/L m

RT: 10.880 min Scan# 14

Delta R.T. 0.018 min

Lab File: VW029557.D

Acq: 12 Jul 2024 17:32

Instrument :

MSVOA_W

ClientSampleId :

BHB33

Tgt Ion:164 Resp:5831575

Ion Ratio Lower Upper

164 100

129 94.8 60.0 111.4

131 93.0 64.6 120.0

166 111.7 80.4 149.2

Manual Integrations

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Reviewed By :Mahesh

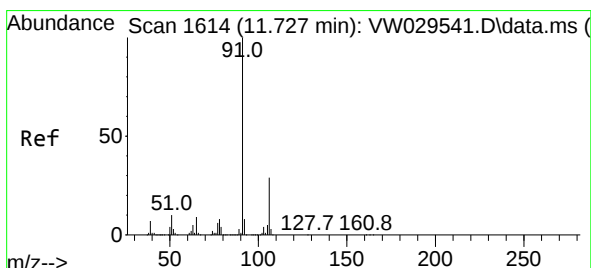
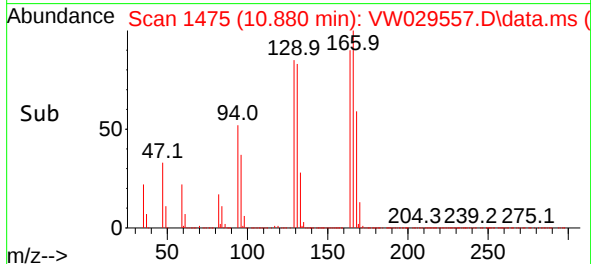
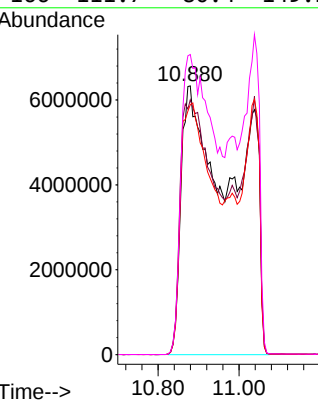
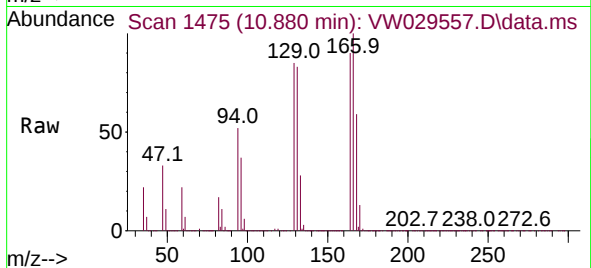
Dadoda

07/15/2024

Supervised By :Semsettin

Yesilyurt

07/15/2024



#52

Ethylbenzene

Concen: 16.628 ug/L

RT: 11.745 min Scan# 1617

Delta R.T. 0.018 min

Lab File: VW029557.D

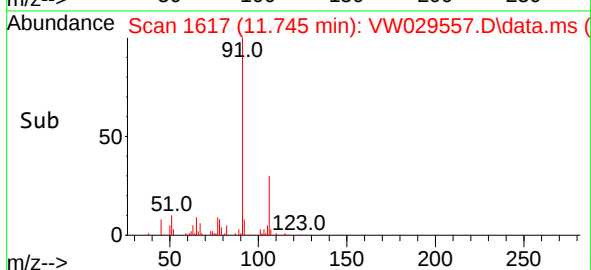
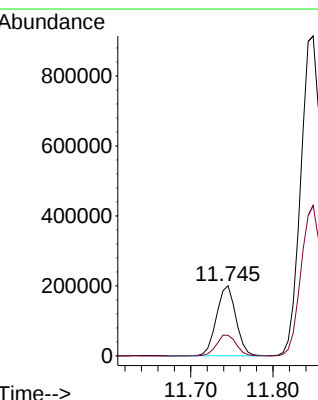
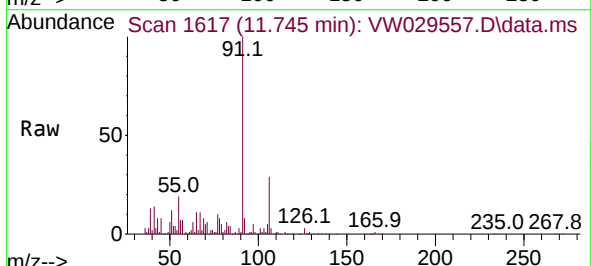
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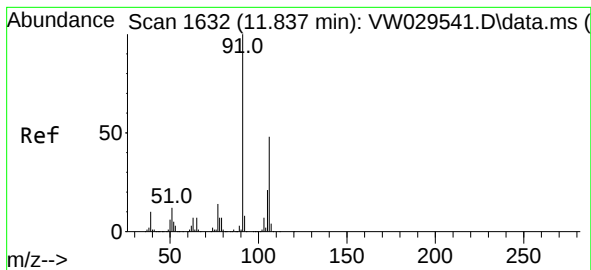
Tgt Ion: 91 Resp: 327294

Ion Ratio Lower Upper

91 100

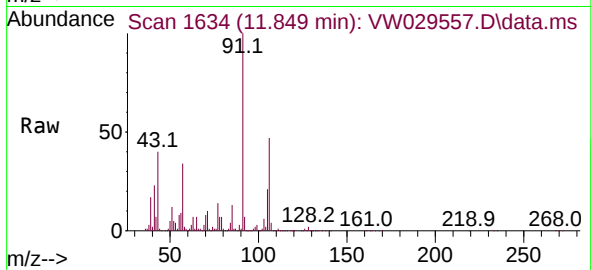
106 29.4 20.2 37.6





#53
m,p-Xylene
Concen: 106.052 ug/L
RT: 11.849 min Scan# 1632
Delta R.T. 0.012 min
Lab File: VW029557.D
Acq: 12 Jul 2024 17:32

Instrument :
MSVOA_W
ClientSampleId :
BHB33



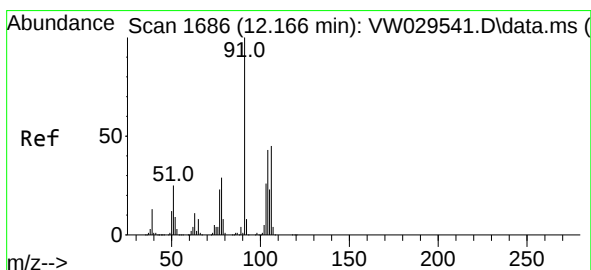
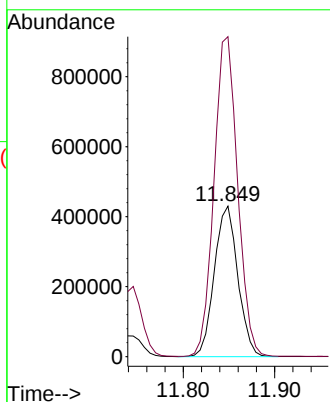
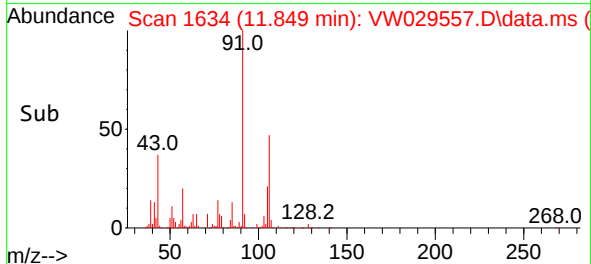
Tgt Ion:106 Resp: 766314
Ion Ratio Lower Upper
106 100
91 212.7 149.3 277.3

Manual Integrations
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Reviewed By :Mahesh
Dadoda

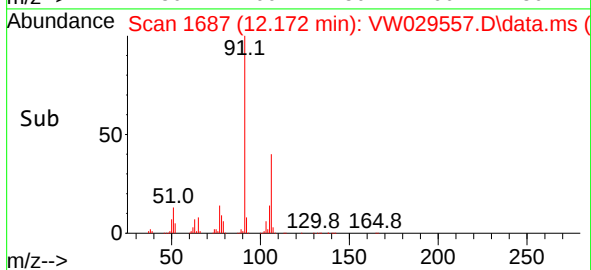
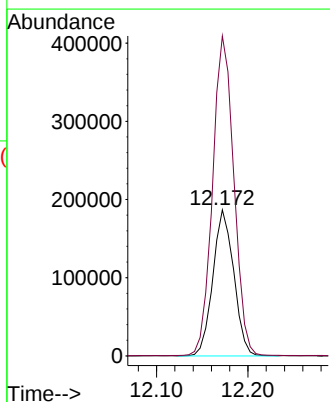
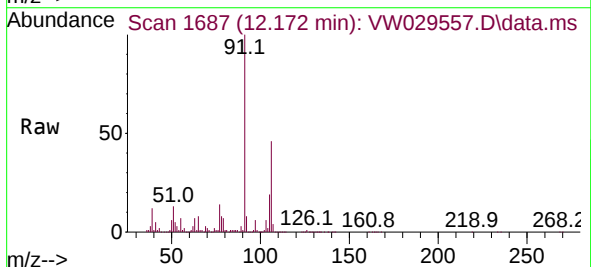
07/15/2024
Supervised By :Semsettin
Yesilyurt

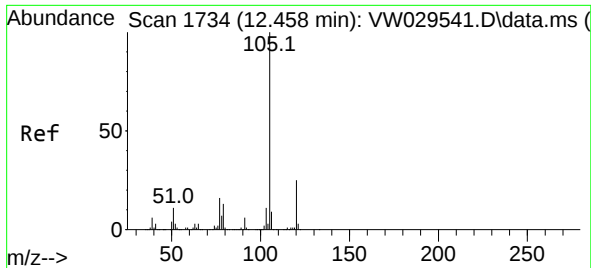
07/15/2024



#54
o-Xylene
Concen: 44.394 ug/L
RT: 12.172 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VW029557.D
Acq: 12 Jul 2024 17:32

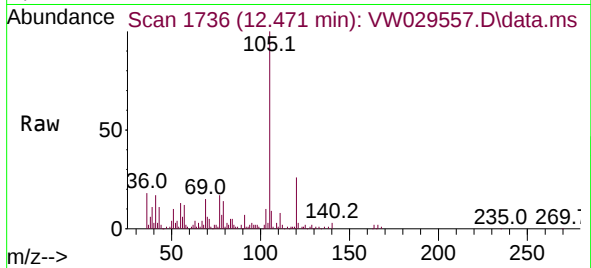
Tgt Ion:106 Resp: 296696
Ion Ratio Lower Upper
106 100
91 219.2 159.2 295.6





#60
Isopropylbenzene
Concen: 2.274 ug/L
RT: 12.471 min Scan# 1736
Delta R.T. 0.012 min
Lab File: VW029557.D
Acq: 12 Jul 2024 17:32

Instrument :
MSVOA_W
ClientSampleId :
BHB33



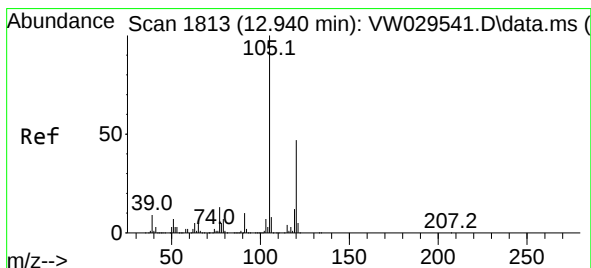
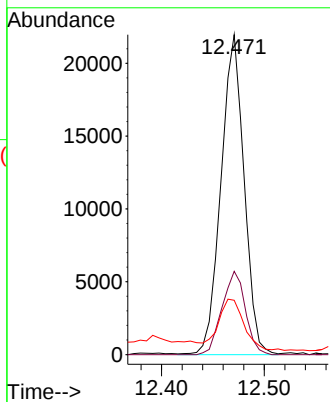
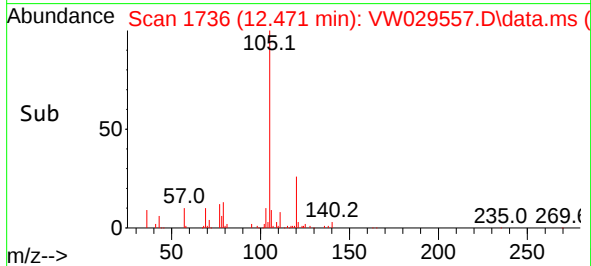
Tgt Ion:105 Resp: 3429
Ion Ratio Lower Upper
105 100
120 26.2 20.2 30.4
77 17.7 13.6 20.4

Manual Integrations
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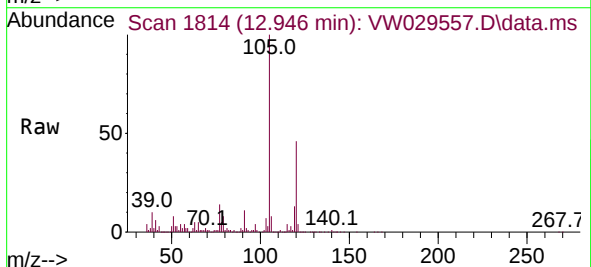
Reviewed By :Mahesh
Dadoda

07/15/2024
Supervised By :Semsettin
Yesilyurt

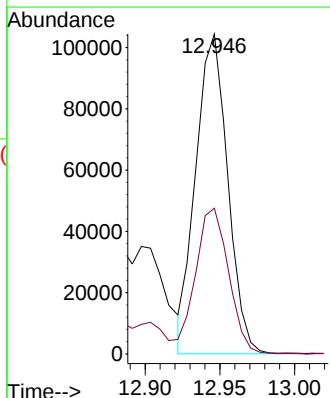
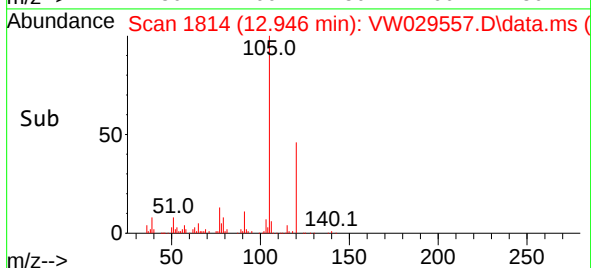
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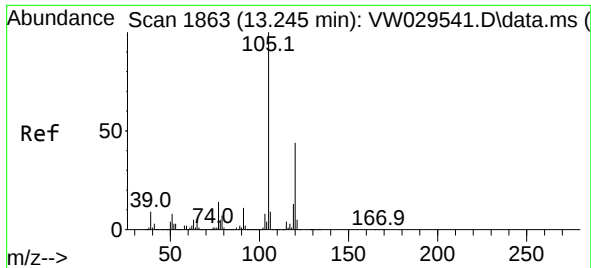


#62
1,3,5-Trimethylbenzene
Concen: 14.467 ug/L
RT: 12.946 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VW029557.D
Acq: 12 Jul 2024 17:32



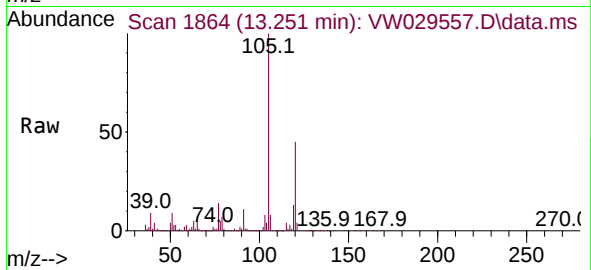
Tgt Ion:105 Resp: 155178
Ion Ratio Lower Upper
105 100
120 47.8 38.4 57.6





#63
1,2,4-Trimethylbenzene
Concen: 15.888 ug/L
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW029557.D
Acq: 12 Jul 2024 17:32

Instrument :
MSVOA_W
ClientSampleId :
BHB33



Tgt Ion:105 Resp: 188092
Ion Ratio Lower Upper
105 100
120 44.8 34.7 52.1

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

07/15/2024
Supervised By :Semsettin
Yesilyurt

07/15/2024

