

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040524\
 Data File : VV035023.D
 Acq On : 05 Apr 2024 23:04
 Operator : SY/MD
 Sample : P2006-11
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MCORF0

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/08/2024
 Supervised By :Semsettin Yesilyurt 04/08/2024

Quant Time: Apr 06 03:18:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 02:25:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	429443	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.802	117	461240	50.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.214	152	246797	50.000	ug/L	# 0.03
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	186379	44.939	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.880%		
7) Chloroethane-d5	1.532	69	170927	47.450	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.900%		
11) 1,1-Dichloroethene-d2	2.060	65	81289	44.713	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.420%		
21) 2-Butanone-d5	3.790	46	209031	84.982	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	84.980%		
24) Chloroform-d	4.246	84	312512	44.817	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.640%		
26) 1,2-Dichloroethane-d4	4.944	65	204710	46.240	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.480%		
32) Benzene-d6	4.963	84	652232	42.098	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.200%		
36) 1,2-Dichloropropane-d6	5.986	67	204979	41.663	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	83.320%		
41) Toluene-d8	7.243	98	574439	41.170	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.340%		
43) trans-1,3-Dichloroprop...	7.551	79	90072	37.659	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.320%		
47) 2-Hexanone-d5	8.027	63	144774	77.830	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	77.830%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	292164	43.124	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.240%		
66) 1,2-Dichlorobenzene-d4	11.590	152	231309	41.744	ug/L	0.03
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.480%		
Target Compounds						Qvalue
25) Chloroform	4.275	83	49490	7.834	ug/L	95
29) Cyclohexane	4.580	56	22251	3.852	ug/L #	93
31) Carbon tetrachloride	4.735	117	118221	23.199	ug/L	99
33) Benzene	4.998	78	26905277m	1788.869	ug/L	
35) Methylcyclohexane	6.050	83	14260	2.326	ug/L #	84
46) Tetrachloroethene	7.908	164	9258	3.265	ug/L	96
51) Chlorobenzene	8.809	112	37209188m	3646.000	ug/L	
64) 1,3-Dichlorobenzene	11.127	146	7909074	951.233	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	36253545m	4287.671	ug/L	
67) 1,2-Dichlorobenzene	11.583	146	36911521m	4456.418	ug/L	
69) 1,3,5-Trichlorobenzene	12.587	180	9331	1.557	ug/L	97
70) 1,2,4-trichlorobenzene	13.207	180	20532130m	3730.141	ug/L	
72) 1,2,3-Trichlorobenzene	13.683	180	4217430	777.294	ug/L	100

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

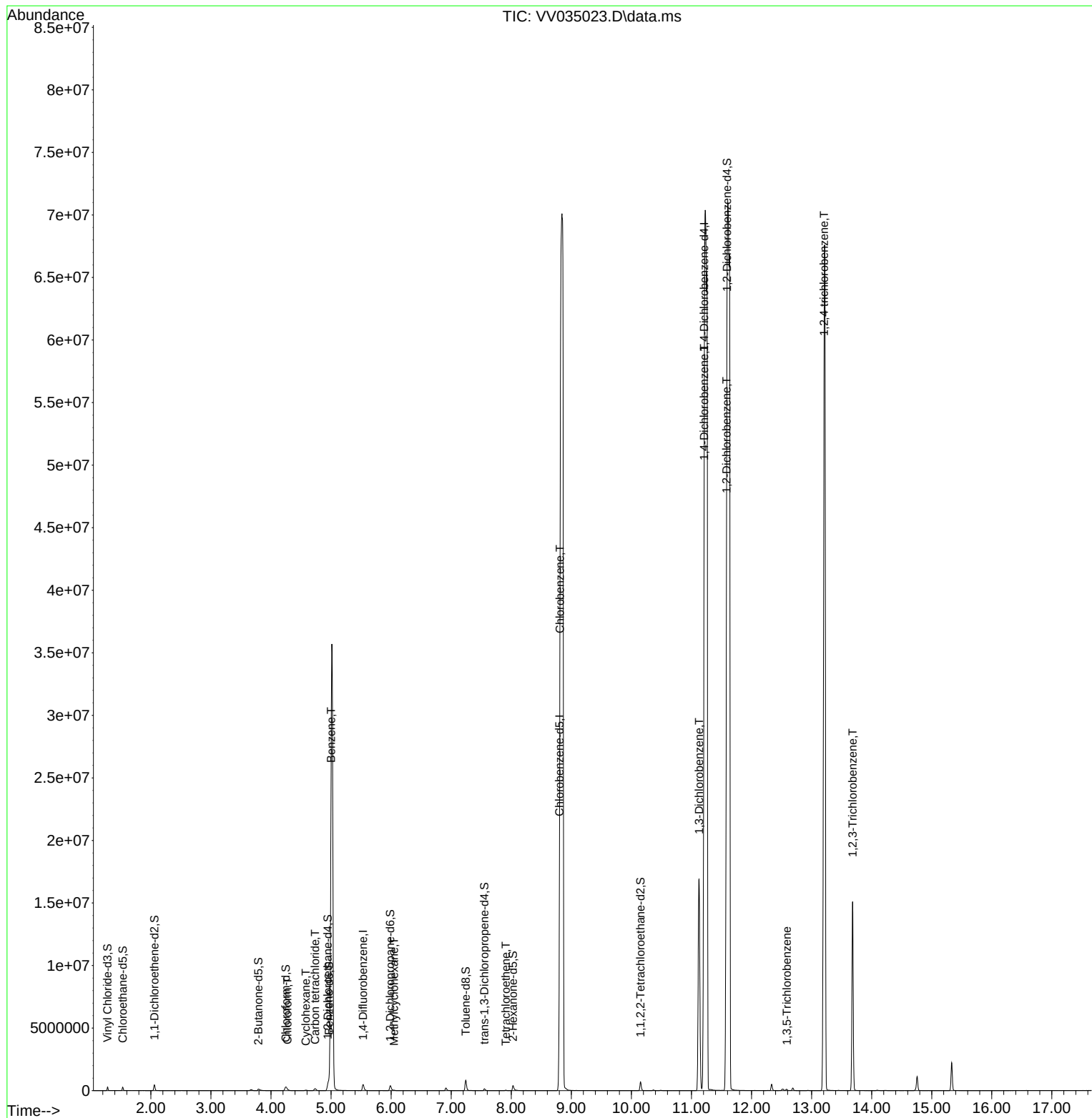
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040524\
Data File : VV035023.D
Acq On : 05 Apr 2024 23:04
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Sample : P2006-11
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ALS Vial : 36 Sample Multiplier: 1

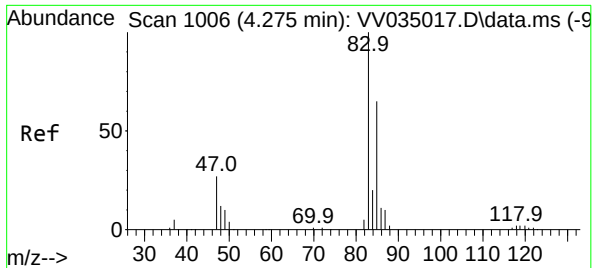
Instrument :
MSVOA_V
ClientSampleId :
MCORF0

Manual Integrations
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Quant Time: Apr 06 03:18:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 02:25:24 2024
Response via : Initial Calibration





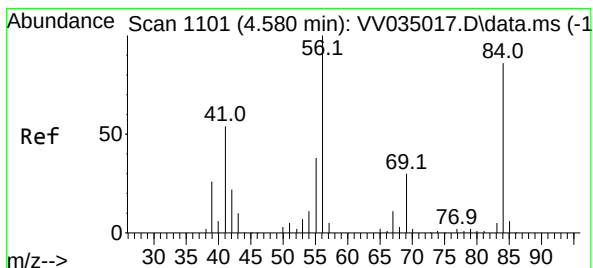
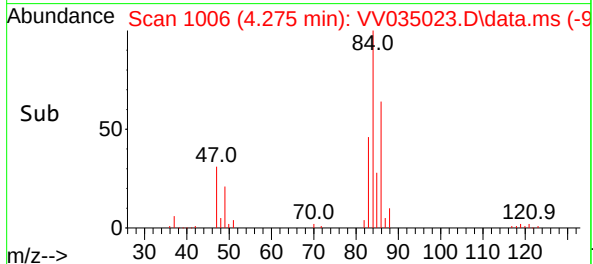
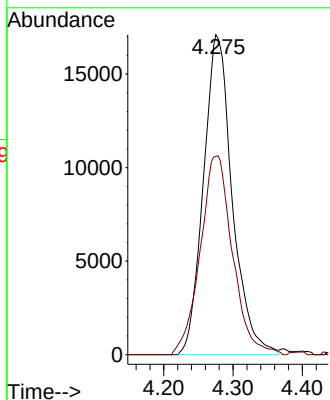
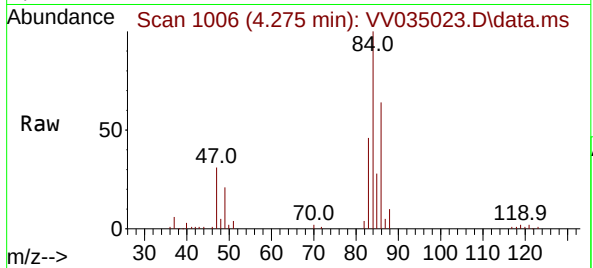
#25
Chloroform
Concen: 7.834 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VV035023.D
Acq: 05 Apr 2024 23:04

Instrument :
MSVOA_V
ClientSampleId :
MCORF0

Tgt Ion: 83 Resp: 49490
Ion Ratio Lower Upper
83 100
85 62.0 46.0 85.4

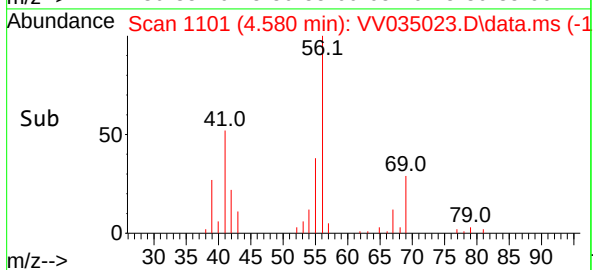
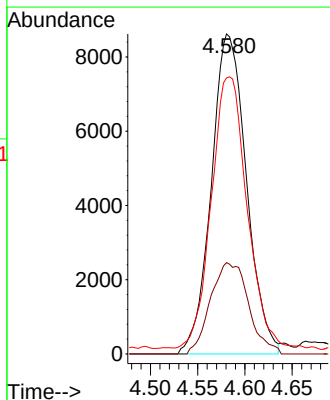
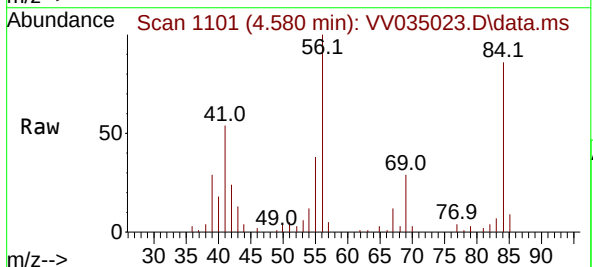
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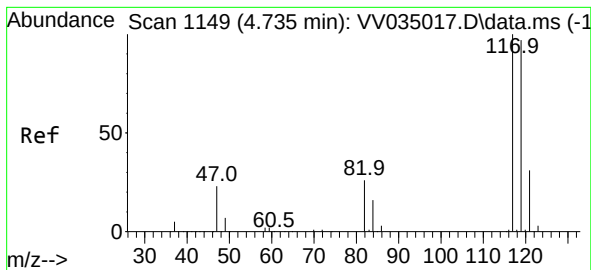
Reviewed By :Mahesh Dadoda 04/08/2024
Supervised By :Semsettin Yesilyurt 04/08/2024



#29
Cyclohexane
Concen: 3.852 ug/L
RT: 4.580 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VV035023.D
Acq: 05 Apr 2024 23:04

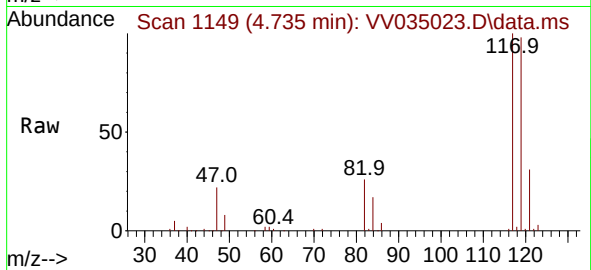
Tgt Ion: 56 Resp: 22251
Ion Ratio Lower Upper
56 100
69 18.3 24.2 36.2#
84 85.9 69.8 104.8





#31
Carbon tetrachloride
Concen: 23.199 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV035023.D
Acq: 05 Apr 2024 23:04

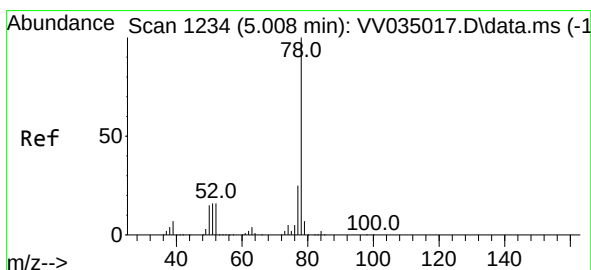
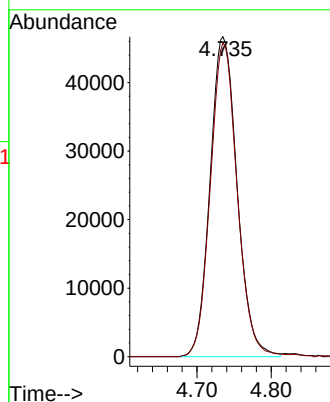
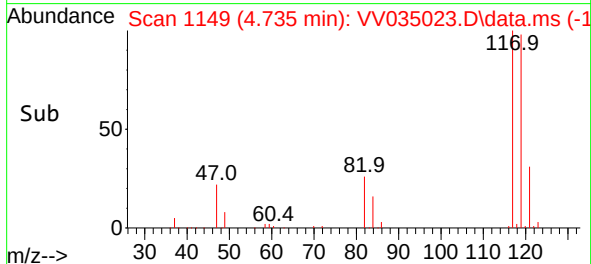
Instrument :
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ClientSampleId :
MCORF0



Tgt Ion:117 Resp: 11822
Ion Ratio Lower Upper
117 100
119 96.9 77.1 115.7

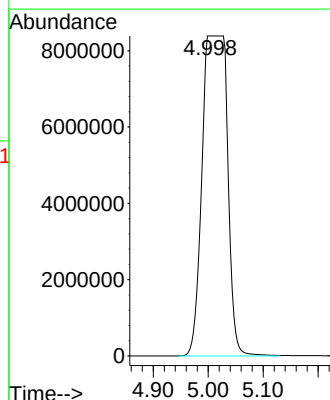
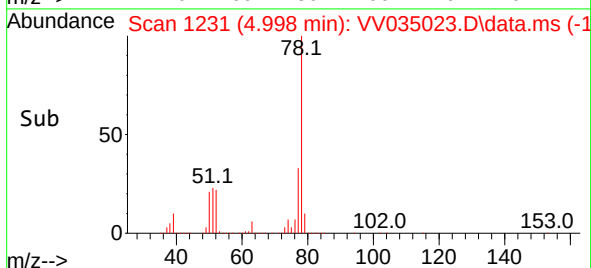
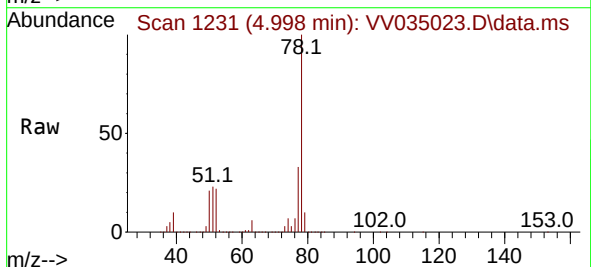
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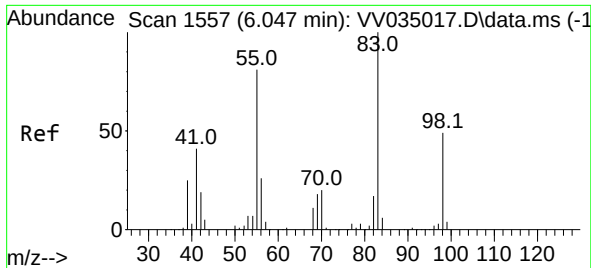
Reviewed By :Mahesh Dadoda 04/08/2024
Supervised By :Semsettin Yesilyurt 04/08/2024



#33
Benzene
Concen: 1788.869 ug/L m
RT: 4.998 min Scan# 1231
Delta R.T. -0.010 min
Lab File: VV035023.D
Acq: 05 Apr 2024 23:04

Tgt Ion: 78 Resp:26905277





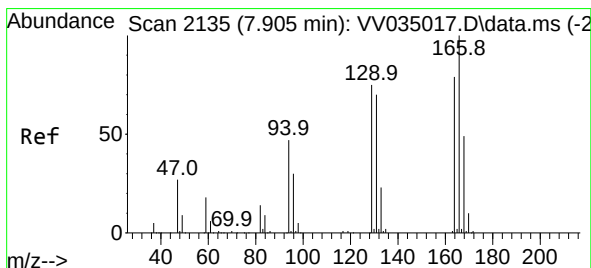
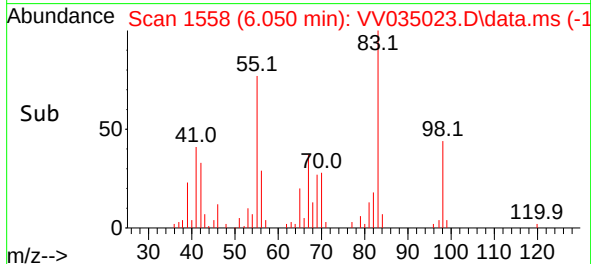
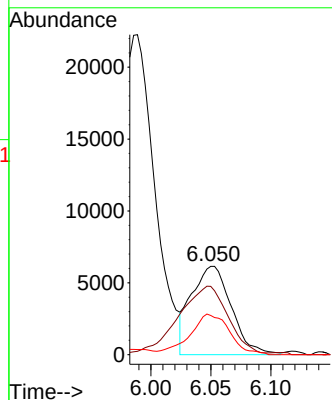
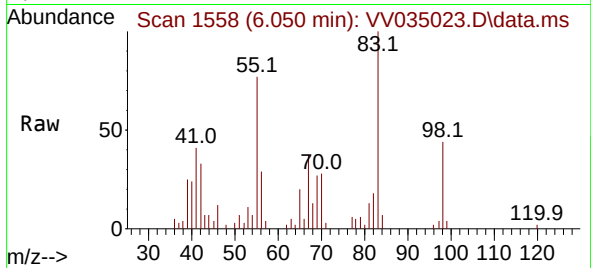
#35
Methylcyclohexane
Concen: 2.326 ug/L
RT: 6.050 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV035023.D
Acq: 05 Apr 2024 23:04

Instrument :
MSVOA_V
ClientSampleId :
MCORF0

Tgt Ion: 83 Resp: 14260
Ion Ratio Lower Upper
83 100
55 96.8 60.0 90.0
98 45.7 37.6 56.4

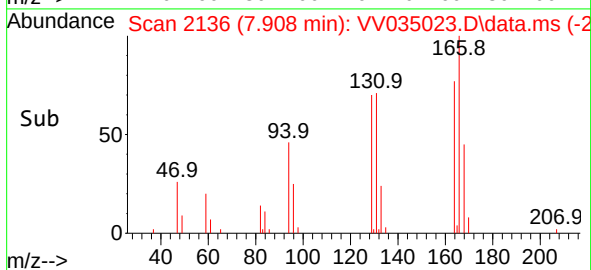
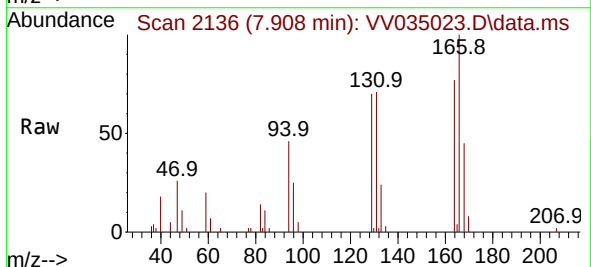
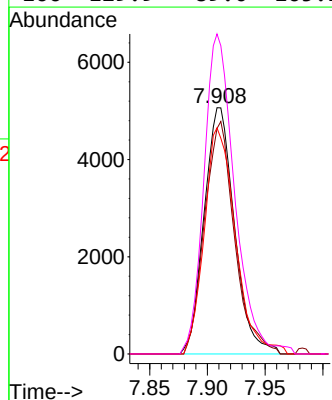
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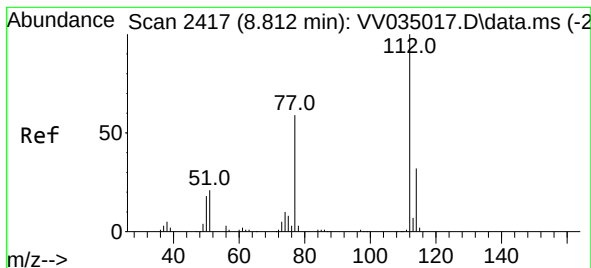
Reviewed By :Mahesh Dadoda 04/08/2024
Supervised By :Semsettin Yesilyurt 04/08/2024



#46
Tetrachloroethene
Concen: 3.265 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV035023.D
Acq: 05 Apr 2024 23:04

Tgt Ion:164 Resp: 9258
Ion Ratio Lower Upper
164 100
129 91.5 68.6 127.4
131 91.8 65.7 122.1
166 129.9 89.0 165.2





#51

Chlorobenzene

Concen: 3646.000 ug/L m

RT: 8.809 min Scan# 2417

Delta R.T. -0.003 min

Lab File: VV035023.D

Acq: 05 Apr 2024 23:04

Instrument :

MSVOA_V

ClientSampleId :

MCORF0

Tgt Ion:112 Resp:3720918

Ion Ratio Lower Upper

112 100

114 40.8 22.0 41.0

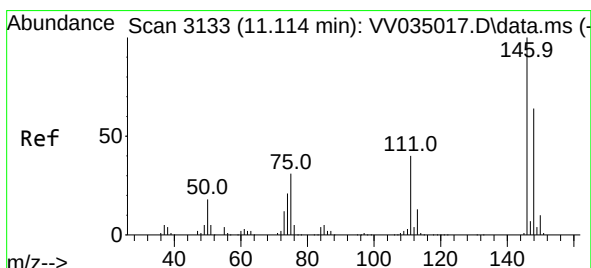
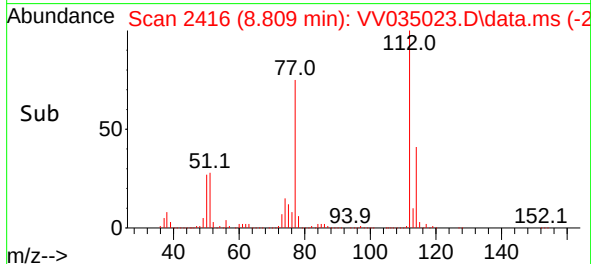
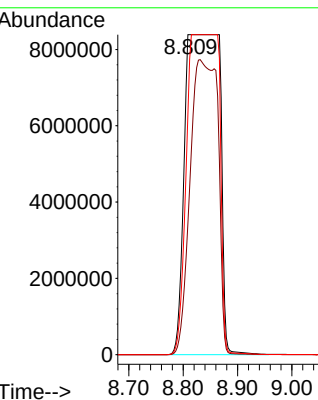
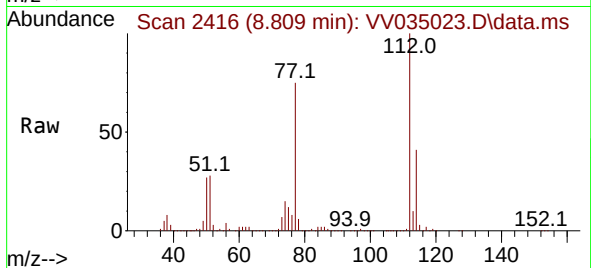
77 74.9 47.4 71.2

Manual Integrations

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Supervised By :Semsettin Yesilyurt 04/08/2024



#64

1,3-Dichlorobenzene

Concen: 951.233 ug/L

RT: 11.127 min Scan# 3137

Delta R.T. 0.013 min

Lab File: VV035023.D

Acq: 05 Apr 2024 23:04

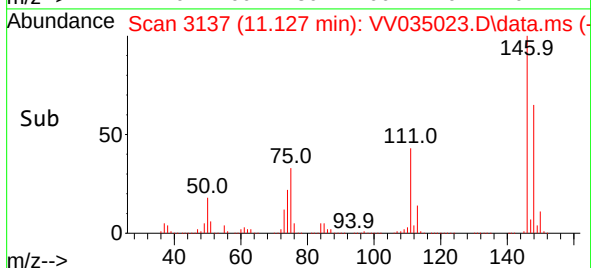
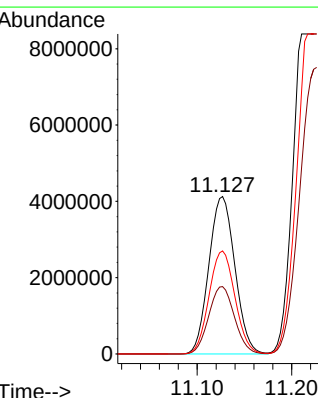
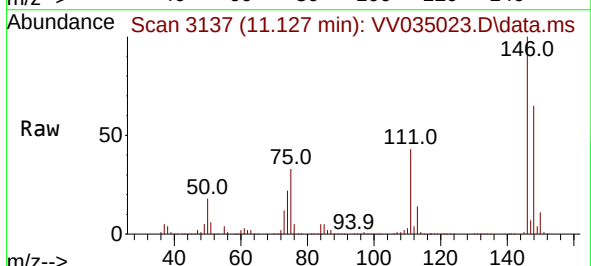
Tgt Ion:146 Resp: 7909074

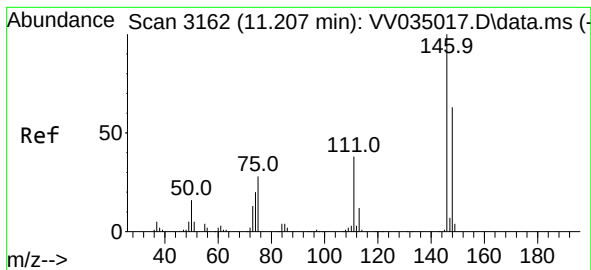
Ion Ratio Lower Upper

146 100

111 42.9 28.7 53.3

148 65.4 44.0 81.8





#65

1,4-Dichlorobenzene

Concen: 4287.671 ug/L m

RT: 11.210 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV035023.D

Acq: 05 Apr 2024 23:04

Instrument :

MSVOA_V

ClientSampleId :

MCORF0

Tgt Ion:146 Resp:3625354

Ion Ratio Lower Upper

146 100

111 58.5 27.4 50.8

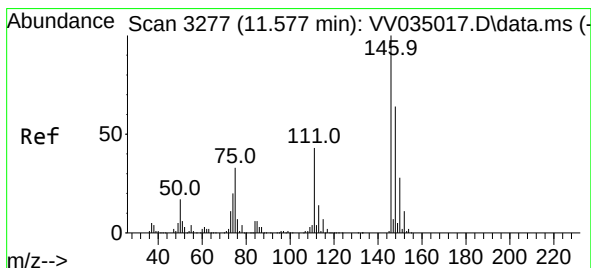
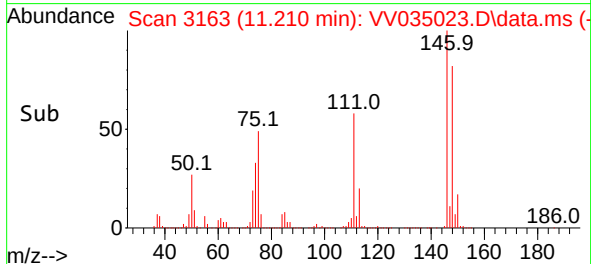
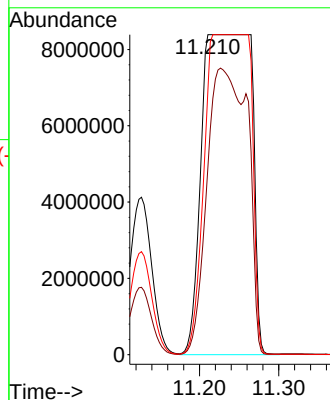
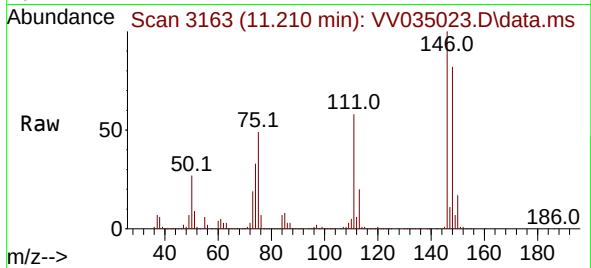
148 82.4 44.2 82.2

Manual Integrations

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#67

1,2-Dichlorobenzene

Concen: 4456.418 ug/L m

RT: 11.583 min Scan# 3279

Delta R.T. 0.007 min

Lab File: VV035023.D

Acq: 05 Apr 2024 23:04

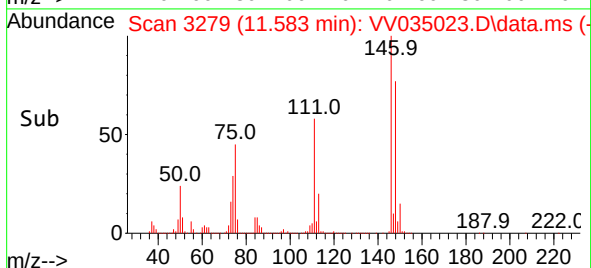
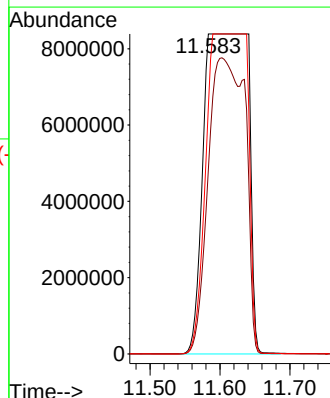
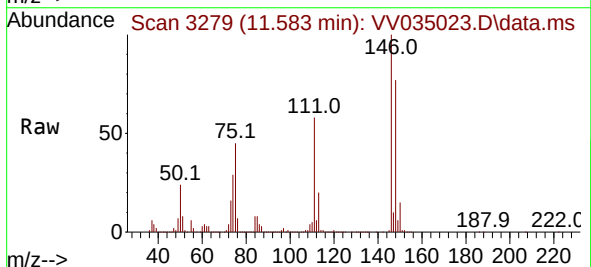
Tgt Ion:146 Resp:36911521

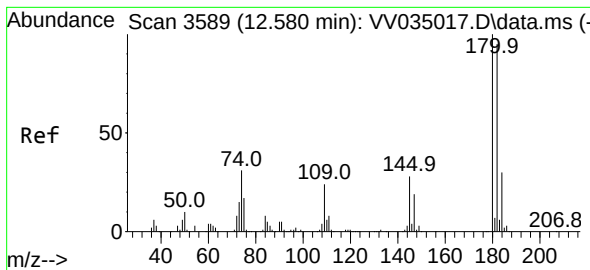
Ion Ratio Lower Upper

146 100

111 57.6 34.6 52.0

148 77.2 51.5 77.3





#69

1,3,5-Trichlorobenzene

Concen: 1.557 ug/L

RT: 12.587 min Scan# 3591

Delta R.T. 0.007 min

Lab File: VV035023.D

Acq: 05 Apr 2024 23:04

Instrument :

MSVOA_V

ClientSampleId :

MCORF0

Tgt Ion:180 Resp: 933

Ion Ratio Lower Upper

180 100

182 90.1 74.7 112.1

184 29.9 24.0 36.0

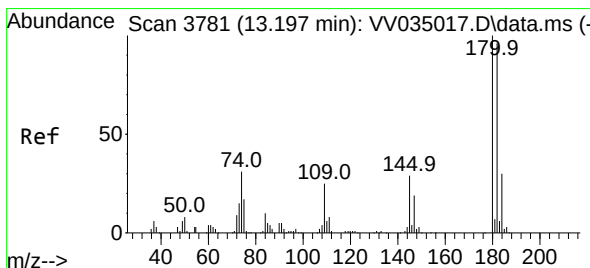
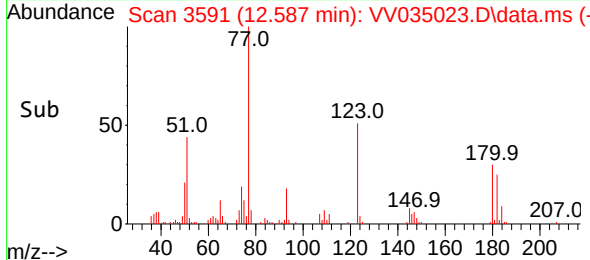
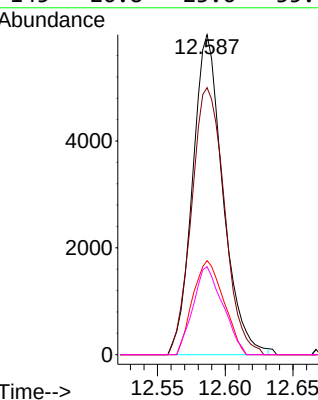
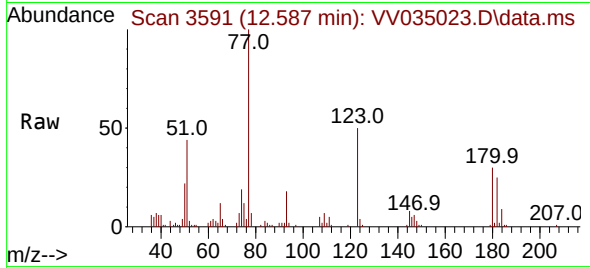
145 26.8 23.6 35.4

Manual Integrations

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#70

1,2,4-trichlorobenzene

Concen: 3730.141 ug/L m

RT: 13.207 min Scan# 3784

Delta R.T. 0.010 min

Lab File: VV035023.D

Acq: 05 Apr 2024 23:04

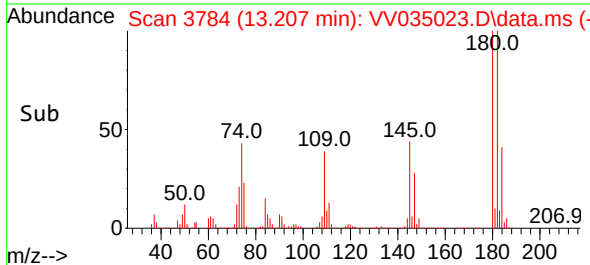
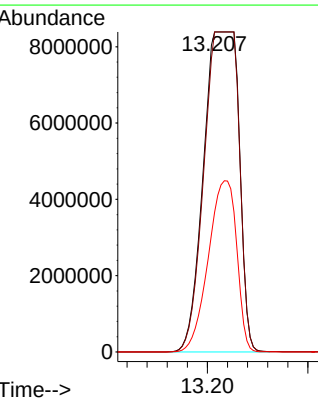
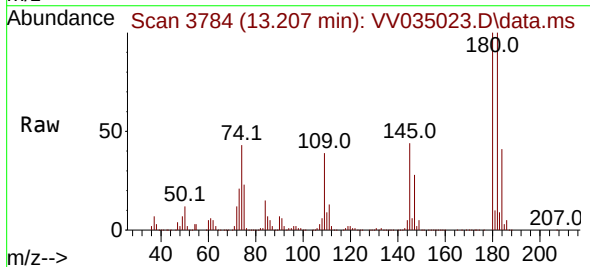
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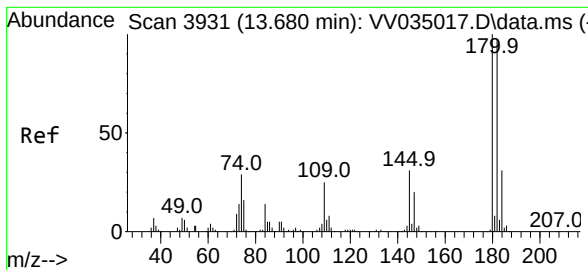
Ion Ratio Lower Upper

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182 0.0 75.6 113.4#

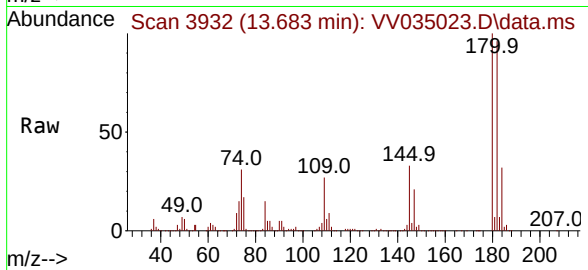
145 42.8 24.1 36.1#





#72
1,2,3-Trichlorobenzene
Concen: 777.294 ug/L
RT: 13.683 min Scan# 3931
Delta R.T. 0.003 min
Lab File: VV035023.D
Acq: 05 Apr 2024 23:04

Instrument :
MSVOA_V
ClientSampleId :
MCORF0



Tgt Ion:180 Resp: 4217430
Ion Ratio Lower Upper
180 100
182 95.6 76.2 114.2
145 32.2 25.8 38.6

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