

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032024\
 Data File : VV034765.D
 Acq On : 20 Mar 2024 15:44
 Operator : SY/MD
 Sample : P1757-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B76

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/22/2024
 Supervised By :Semsettin Yesilyurt 03/22/2024

Quant Time: Mar 21 02:21:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 21 02:16:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	298423	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	303195	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.201	152	187928	50.000	ug/L	# 0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	119917	46.353	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.700%		
7) Chloroethane-d5	1.529	69	106739	52.960	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	105.920%		
11) 1,1-Dichloroethene-d2	2.060	65	50222	42.926	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.860%		
21) 2-Butanone-d5	3.786	46	196861	113.790	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	113.790%		
24) Chloroform-d	4.249	84	252876	55.284	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	110.560%		
26) 1,2-Dichloroethane-d4	4.941	65	176390	59.012	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	118.020%		
32) Benzene-d6	4.960	84	497003	54.314	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	108.620%		
36) 1,2-Dichloropropane-d6	5.986	67	153248	54.877	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	109.760%		
41) Toluene-d8	7.243	98	445718	53.826	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.660%		
43) trans-1,3-Dichloroprop...	7.551	79	75538	53.866	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	107.740%		
47) 2-Hexanone-d5	8.024	63	136706	98.034	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.030%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	215503	58.641	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	117.280%		
66) 1,2-Dichlorobenzene-d4	11.583	152	214344	55.800	ug/L	0.03
Spiked Amount 50.000	Range 80 - 120		Recovery =	111.600%		
Target Compounds						
25) Chloroform	4.275	83	17547	3.996	ug/L	96
29) Cyclohexane	4.587	56	5120	1.284	ug/L	# 78
33) Benzene	5.008	78	1227779	130.460	ug/L	100
51) Chlorobenzene	8.812	112	21059485m	3270.559	ug/L	
64) 1,3-Dichlorobenzene	11.127	146	14552295	2368.036	ug/L	91
65) 1,4-Dichlorobenzene	11.214	146	27249004m	4366.404	ug/L	
67) 1,2-Dichlorobenzene	11.587	146	28478240m	4624.704	ug/L	
70) 1,2,4-trichlorobenzene	13.201	180	4152488	1001.022	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	1549772	382.965	ug/L	99

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

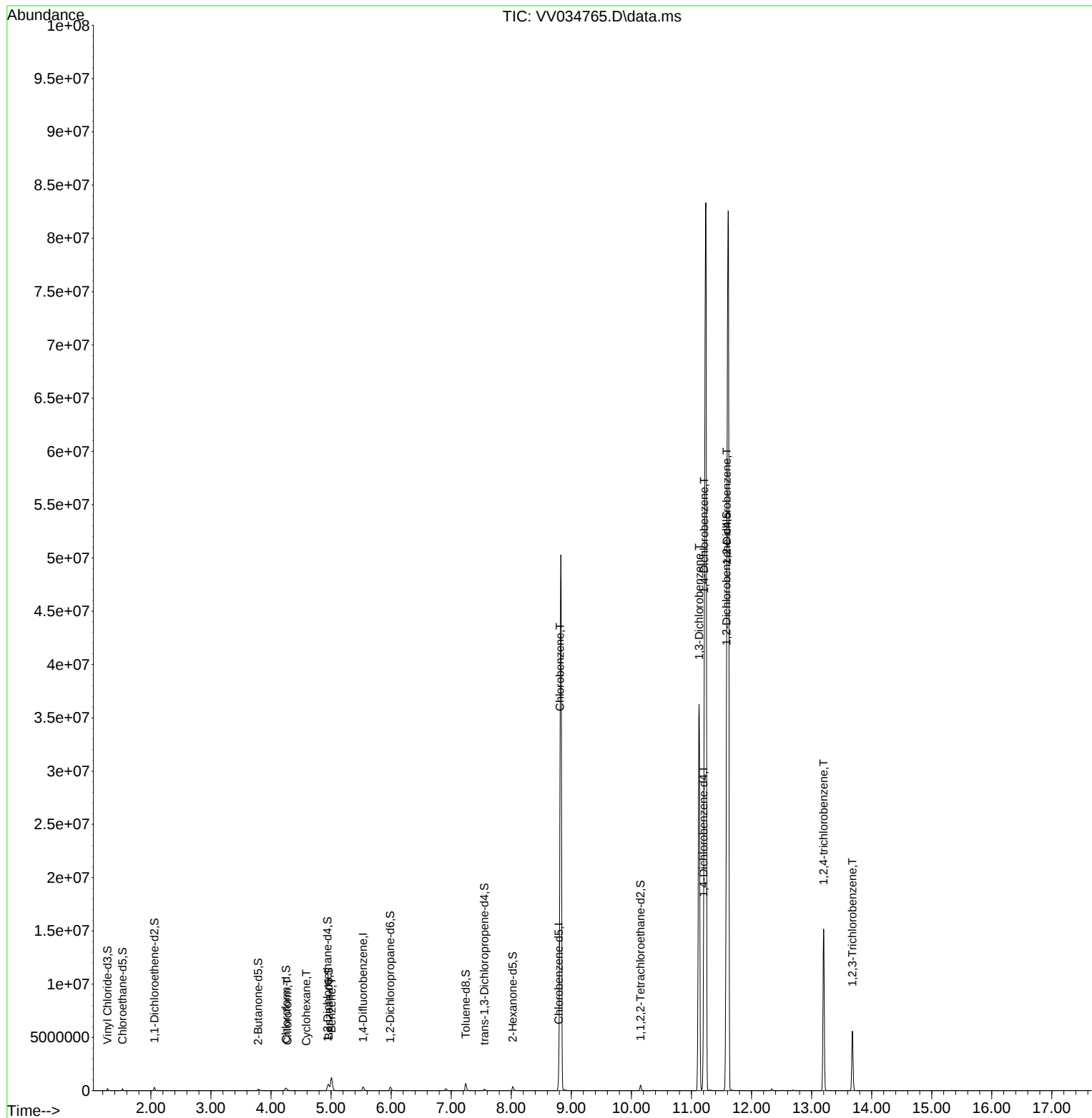
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032024\
Data File : VV034765.D
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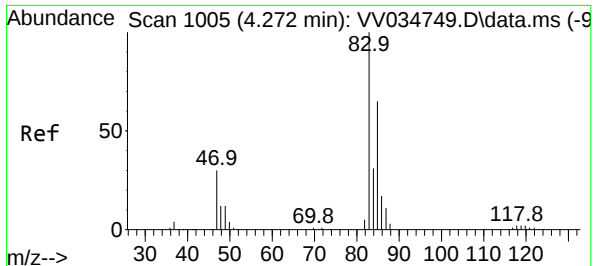
Instrument :
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ClientSampleId :
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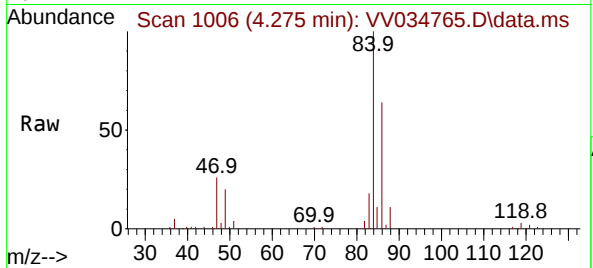
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 21 02:16:15 2024
Response via : Initial Calibration





#25
Chloroform
Concen: 3.996 ug/L
RT: 4.275 min Scan# 1103
Delta R.T. 0.003 min
Lab File: VV034765.D
Acq: 20 Mar 2024 15:44

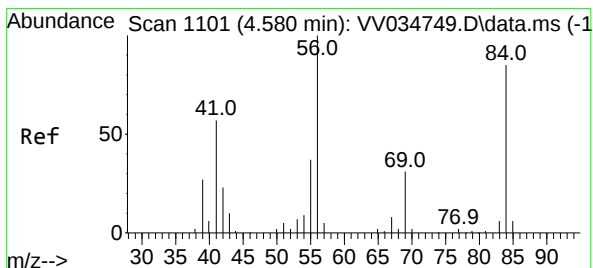
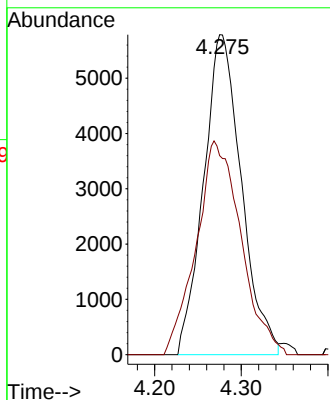
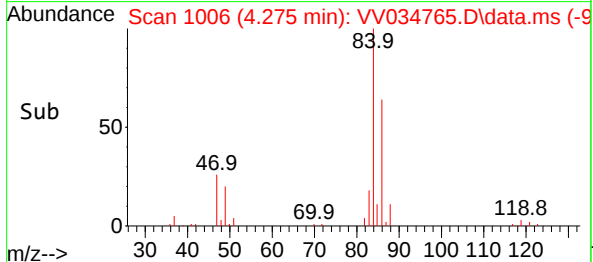
Instrument :
MSVOA_V
ClientSampleId :
C0B76



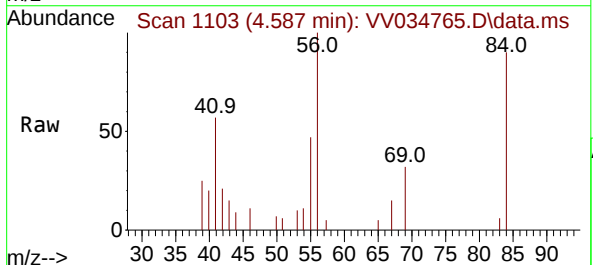
Tgt Ion: 83 Resp: 1754
Ion Ratio Lower Upper
83 100
85 62.2 45.5 84.5

Manual Integrations
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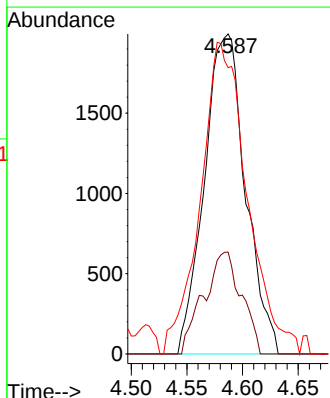
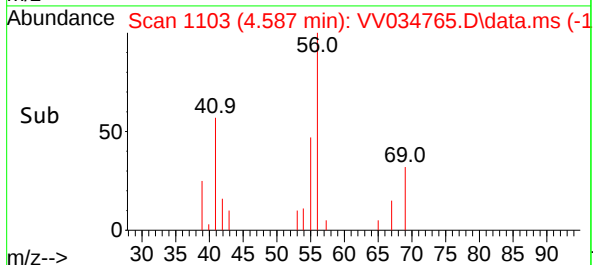
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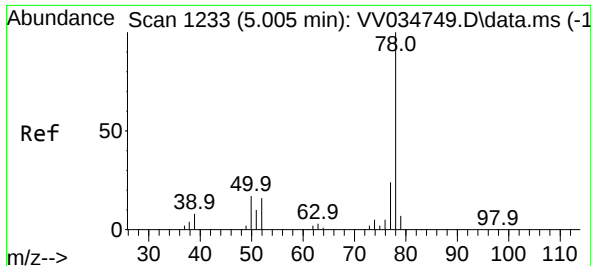


#29
Cyclohexane
Concen: 1.284 ug/L
RT: 4.587 min Scan# 1103
Delta R.T. 0.007 min
Lab File: VV034765.D
Acq: 20 Mar 2024 15:44



Tgt Ion: 56 Resp: 5120
Ion Ratio Lower Upper
56 100
69 22.4 24.2 36.4#
84 110.8 70.5 105.7#





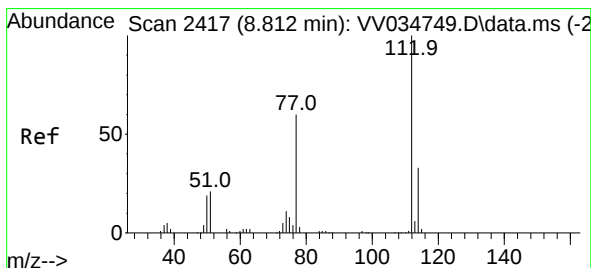
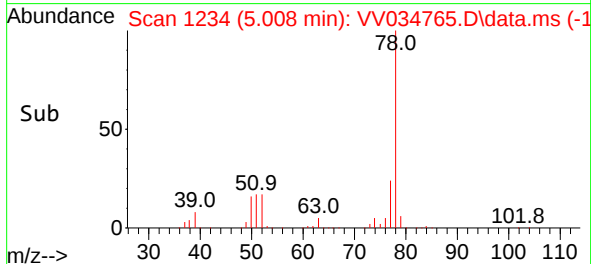
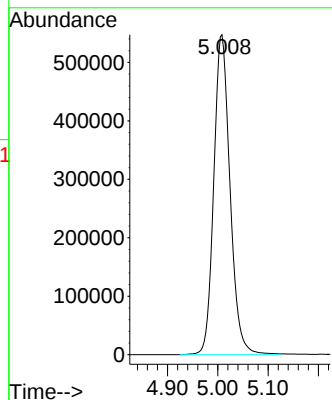
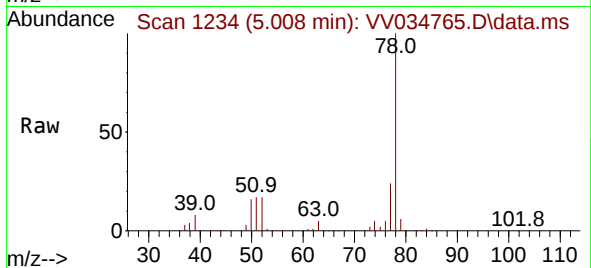
#33
Benzene
Concen: 130.460 ug/L
RT: 5.008 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV034765.D
Acq: 20 Mar 2024 15:44

Instrument :
MSVOA_V
ClientSampleId :
C0B76

Tgt Ion: 78 Resp: 1227779

Manual Integrations
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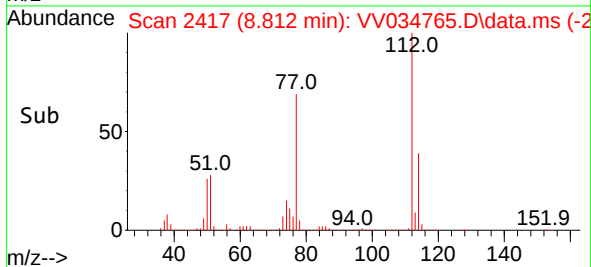
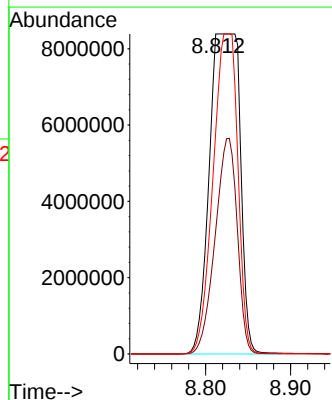
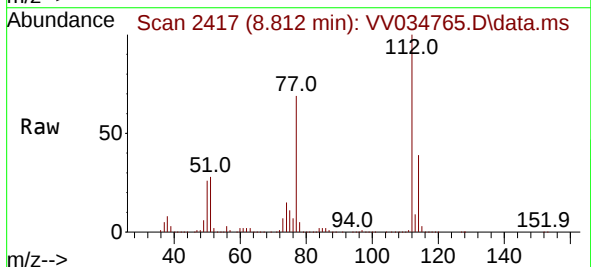
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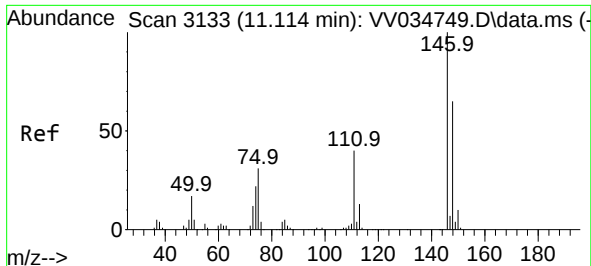


#51
Chlorobenzene
Concen: 3270.559 ug/L m
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV034765.D
Acq: 20 Mar 2024 15:44

Tgt Ion:112 Resp:21059485

Ion	Ratio	Lower	Upper
112	100		
114	38.6	22.3	41.5
77	69.4	47.7	71.5





#64

1,3-Dichlorobenzene

Concen: 2368.036 ug/L

RT: 11.127 min Scan# 3137

Delta R.T. 0.013 min

Lab File: VV034765.D

Acq: 20 Mar 2024 15:44

Instrument :

MSVOA_V

ClientSampleId :

C0B76

Tgt Ion:146 Resp:1455229

Ion Ratio Lower Upper

146 100

111 46.2 27.9 51.7

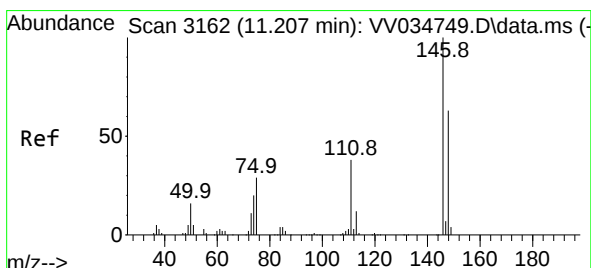
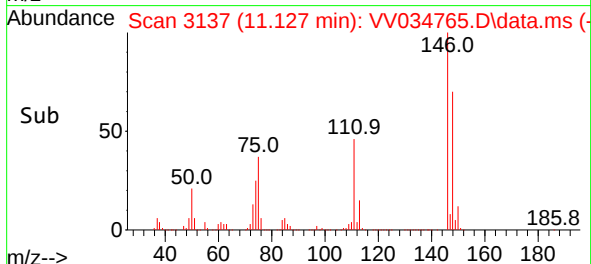
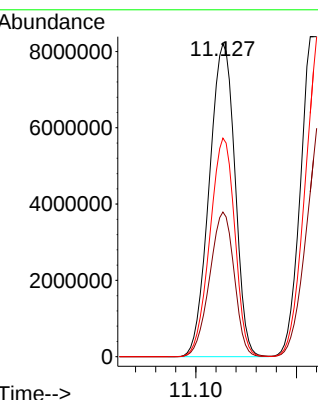
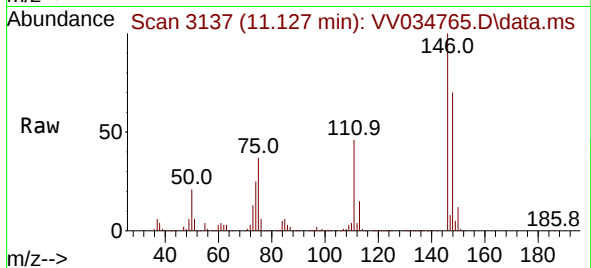
148 69.9 44.2 82.0

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#65

1,4-Dichlorobenzene

Concen: 4366.404 ug/L m

RT: 11.214 min Scan# 3164

Delta R.T. 0.007 min

Lab File: VV034765.D

Acq: 20 Mar 2024 15:44

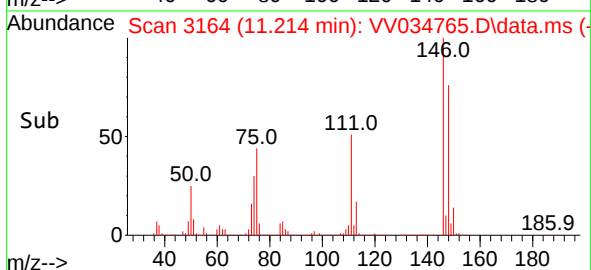
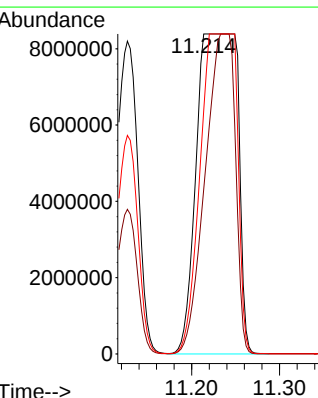
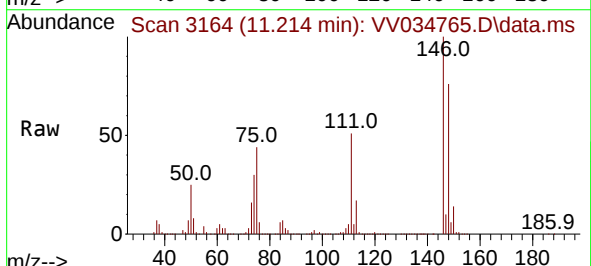
Tgt Ion:146 Resp:27249004

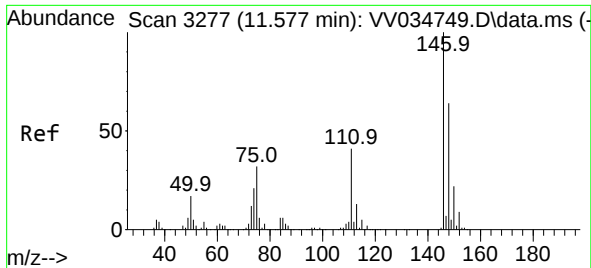
Ion Ratio Lower Upper

146 100

111 51.5 26.5 49.1#

148 76.0 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 4624.704 ug/L m

RT: 11.587 min Scan# 31

Delta R.T. 0.010 min

Lab File: VV034765.D

Acq: 20 Mar 2024 15:44

Instrument :

MSVOA_V

ClientSampleId :

C0B76

Tgt Ion:146 Resp:28478240

Ion Ratio Lower Upper

146 100

111 57.3 33.8 50.8

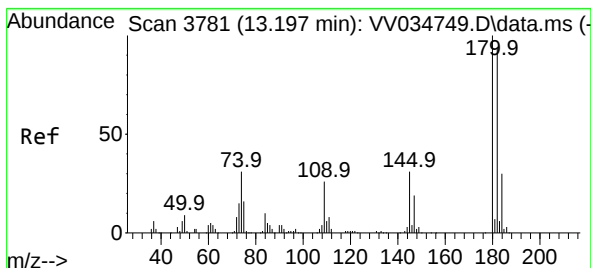
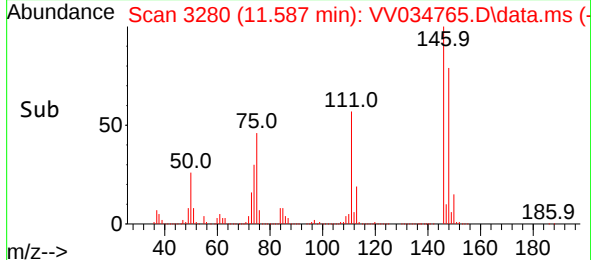
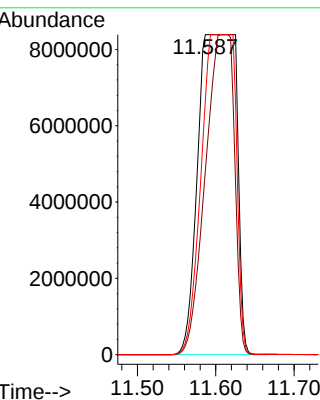
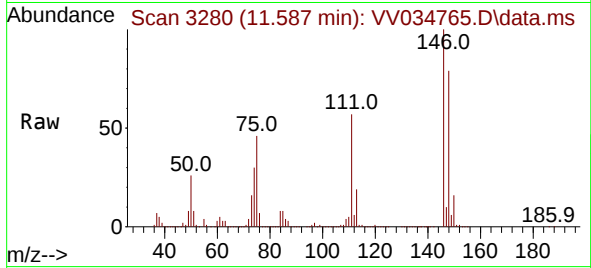
148 79.4 51.3 76.9

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#70

1,2,4-trichlorobenzene

Concen: 1001.022 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.003 min

Lab File: VV034765.D

Acq: 20 Mar 2024 15:44

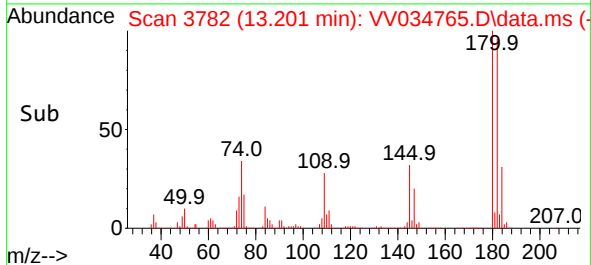
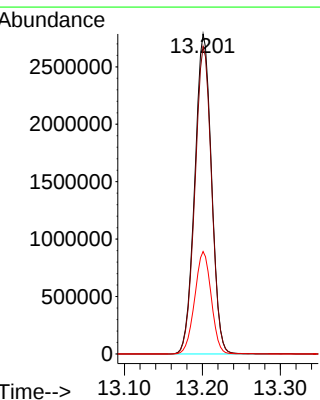
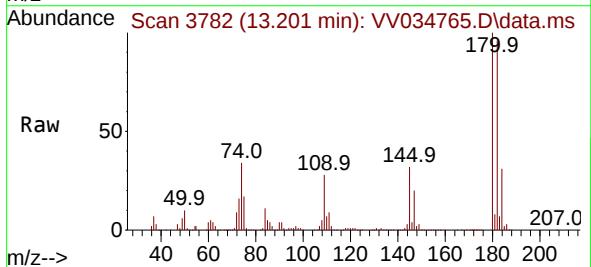
Tgt Ion:180 Resp: 4152488

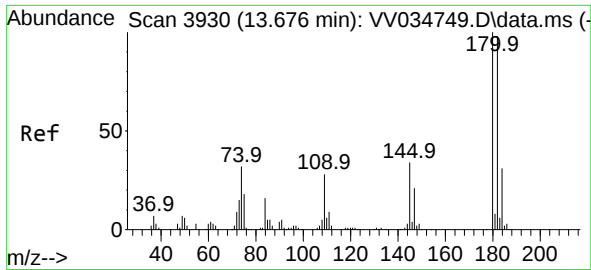
Ion Ratio Lower Upper

180 100

182 95.9 74.8 112.2

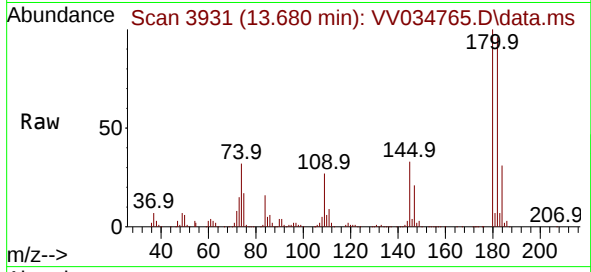
145 31.6 24.2 36.4





#72
1,2,3-Trichlorobenzene
Concen: 382.965 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.003 min
Lab File: VV034765.D
Acq: 20 Mar 2024 15:44

Instrument :
MSVOA_V
ClientSampleId :
C0B76



Tgt Ion:180 Resp: 1549772
Ion Ratio Lower Upper
180 100
182 96.0 75.9 113.9
145 32.7 25.5 38.3

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