

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040224\
 Data File : VW034938.D
 Acq On : 02 Apr 2024 17:57
 Operator : SY/MD
 Sample : P1925-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 PMW-1(20240327)

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/05/2024
 Supervised By :Semsettin Yesilyurt 04/05/2024

Quant Time: Apr 03 05:22:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 03 05:08:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	177037	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	176571	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	84536	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	68016	4.662	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	93.200%		
7) Chloroethane-d5	1.532	69	56587	4.704	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	94.000%		
11) 1,1-Dichloroethene-d2	2.060	65	30714	4.635	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	92.600%		
20) 2-Butanone-d5	3.819	46	129977	56.936	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery =	113.880%		
24) Chloroform-d	4.249	84	112912	4.783	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	95.600%		
26) 1,2-Dichloroethane-d4	4.947	65	55545	5.210	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	104.200%		
32) Benzene-d6	4.960	84	230621	4.993	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	99.800%		
36) 1,2-Dichloropropane-d6	5.989	67	71243	5.255	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	105.200%		
41) Toluene-d8	7.243	98	193099	4.602	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	92.000%		
43) trans-1,3-Dichloroprop...	7.561	79	23213	4.820	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	96.400%		
46) 2-Hexanone-d5	8.027	63	91030	55.076	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	110.160%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	50169	5.304	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	106.000%		
66) 1,2-Dichlorobenzene-d4	11.561	152	67099	5.039	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	100.800%		
Target Compounds					Qvalue	
13) Acetone	2.147	43	8592m	5.159	ug/L	
16) Methylene chloride	2.449	84	3699	0.251	ug/L	96
19) 1,1-Dichloroethane	3.114	63	4869	0.185	ug/L	97
22) cis-1,2-Dichloroethene	3.825	96	3494	0.250	ug/L	92
34) Trichloroethene	5.844	95	5021	0.357	ug/L	93
51) Chlorobenzene	8.818	112	50465	1.375	ug/L	98
64) 1,3-Dichlorobenzene	11.117	146	130527	4.841	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	338699	12.541	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	17003	0.683	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	8683	0.552	ug/L	96

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

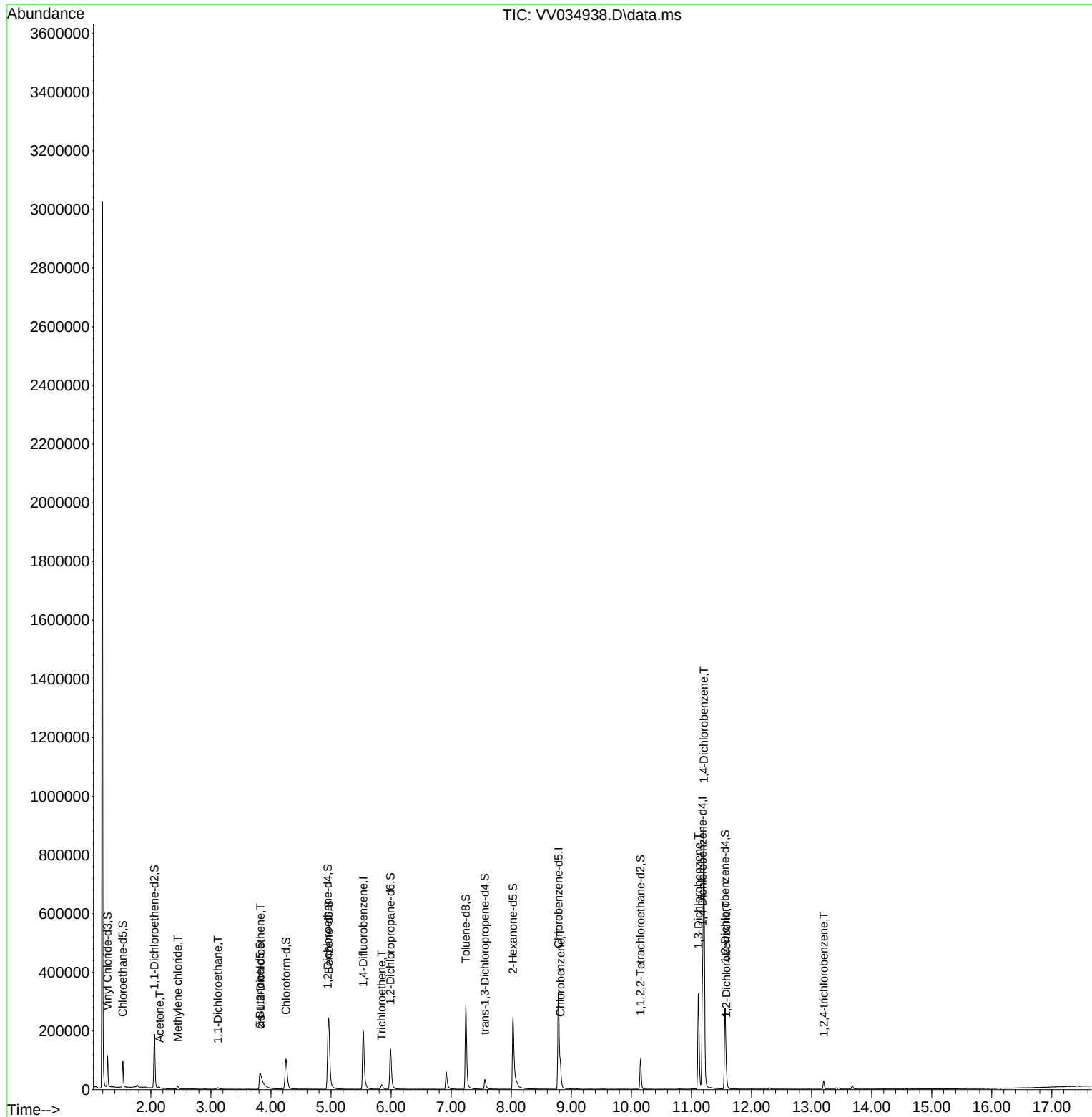
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040224\
Data File : VV034938.D
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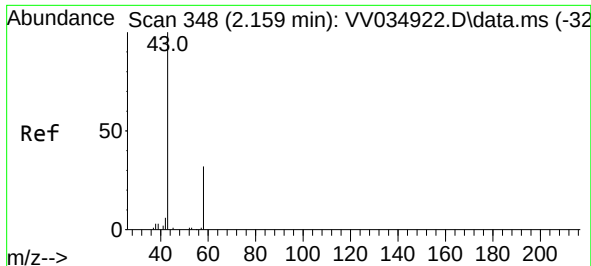
Instrument :
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QLast Update : Wed Apr 03 05:08:19 2024
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#13

Acetone

Concen: 5.159 ug/L m

RT: 2.147 min Scan# 34

Delta R.T. -0.013 min

Lab File: VV034938.D

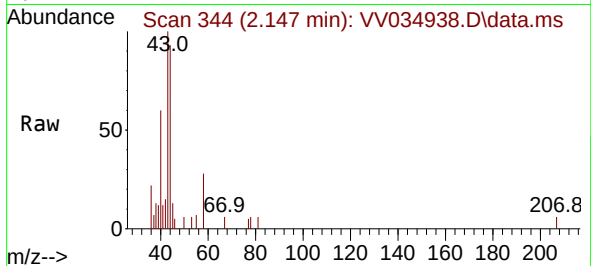
Acq: 02 Apr 2024 17:57

Instrument :

MSVOA_V

ClientSampleId :

PMW-1(20240327)



Tgt Ion: 43 Resp: 859

Ion Ratio Lower Upper

43 100

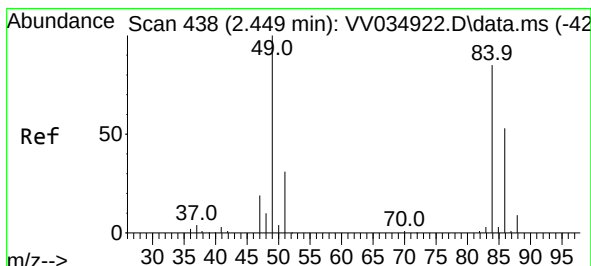
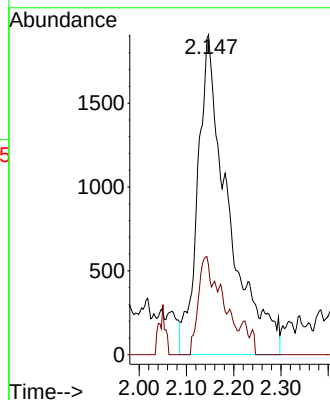
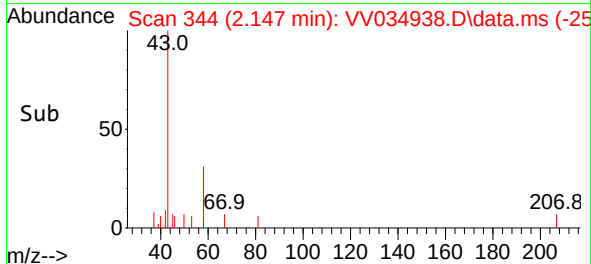
58 12.2 0.0 40.8

Manual Integrations

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#16

Methylene chloride

Concen: 0.251 ug/L

RT: 2.449 min Scan# 438

Delta R.T. 0.000 min

Lab File: VV034938.D

Acq: 02 Apr 2024 17:57

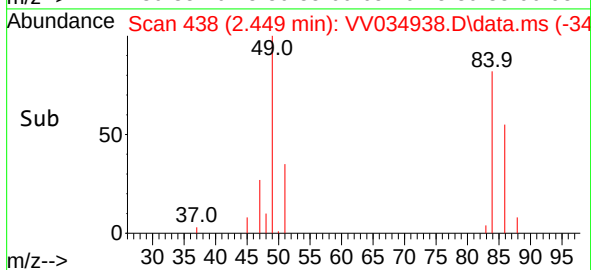
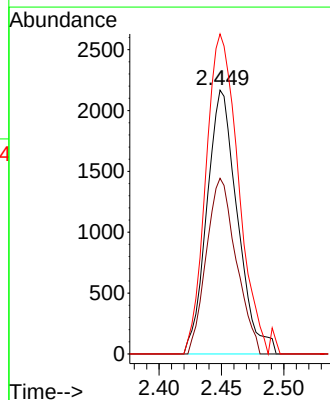
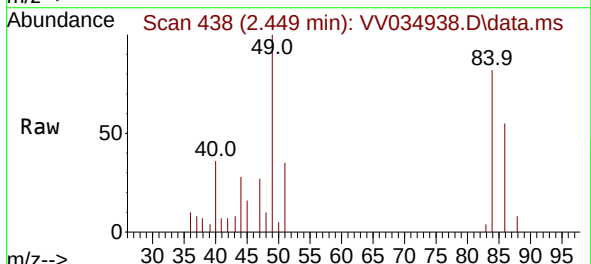
Tgt Ion: 84 Resp: 3699

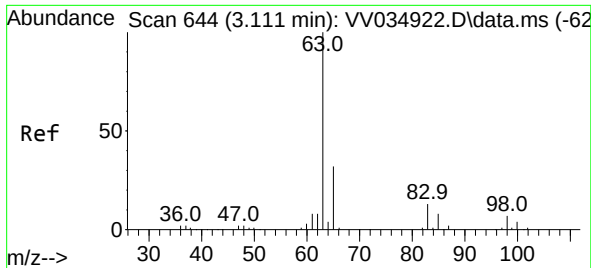
Ion Ratio Lower Upper

84 100

86 66.6 43.5 80.9

49 121.3 82.5 153.3





#19

1,1-Dichloroethane

Concen: 0.185 ug/L

RT: 3.114 min Scan# 644

Delta R.T. 0.003 min

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Instrument :

MSVOA_V

ClientSampleId :

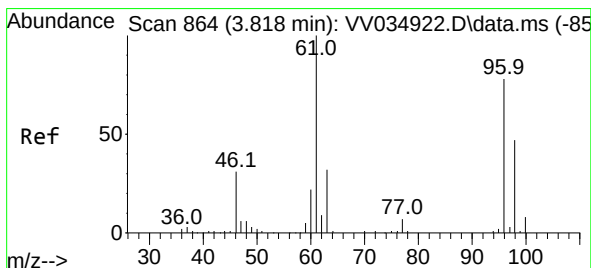
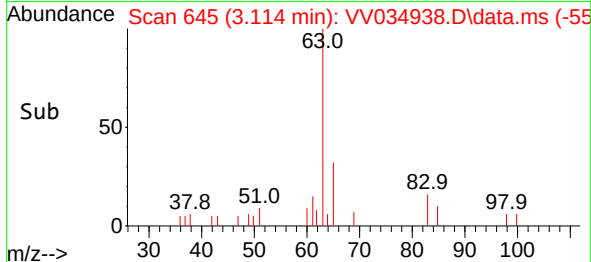
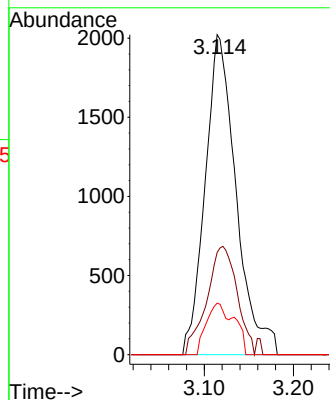
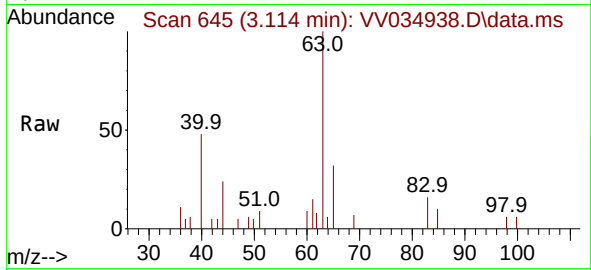
PMW-1(20240327)

Tgt Ion: 63	Resp: 4869
Ion Ratio	Lower Upper
63 100	
65 31.9	22.5 41.9
83 16.1	9.1 16.9

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#22

cis-1,2-Dichloroethene

Concen: 0.250 ug/L

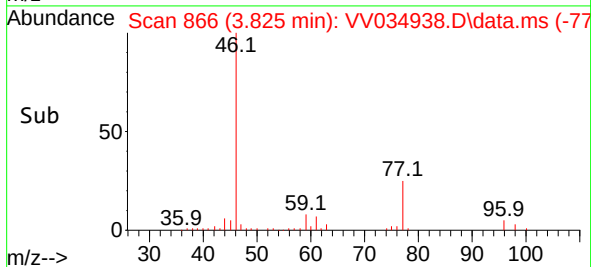
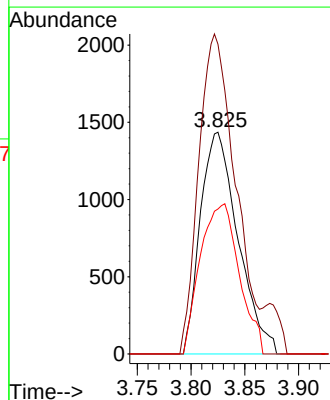
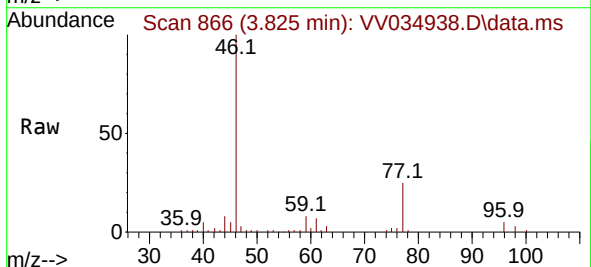
RT: 3.825 min Scan# 866

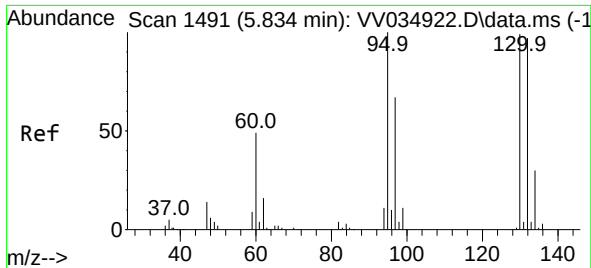
Delta R.T. 0.007 min

Lab File: VV034938.D

Acq: 02 Apr 2024 17:57

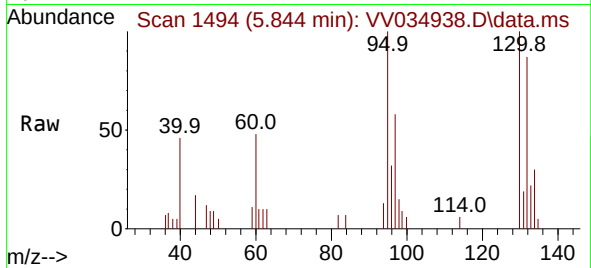
Tgt Ion: 96	Resp: 3494
Ion Ratio	Lower Upper
96 100	
61 139.7	90.3 167.7
98 65.4	42.7 79.3





#34
Trichloroethene
Concen: 0.357 ug/L
RT: 5.844 min Scan# 1491
Delta R.T. 0.010 min
Lab File: VV034938.D
Acq: 02 Apr 2024 17:57

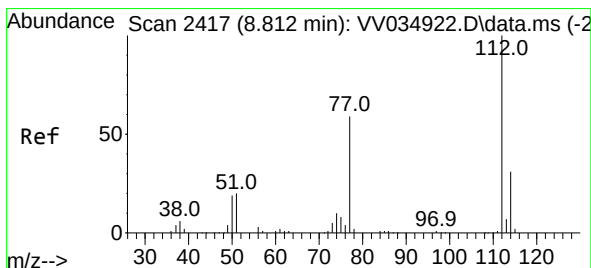
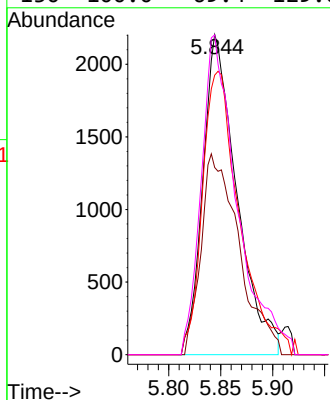
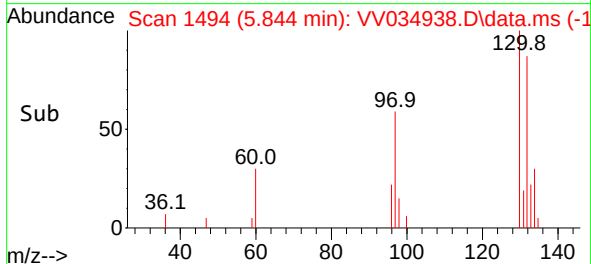
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Tgt Ion: 95 Resp: 502
Ion Ratio Lower Upper
95 100
97 58.5 46.8 86.8
132 87.3 68.0 126.4
130 100.0 69.4 129.0

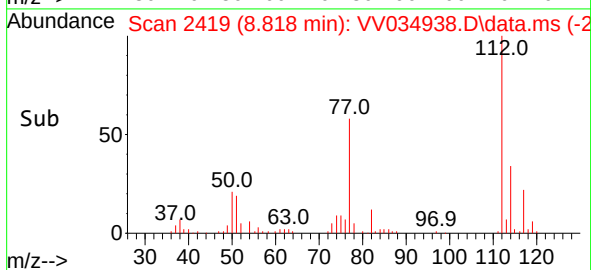
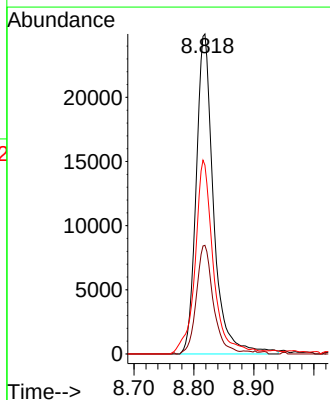
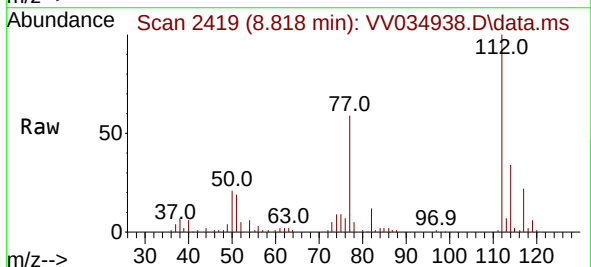
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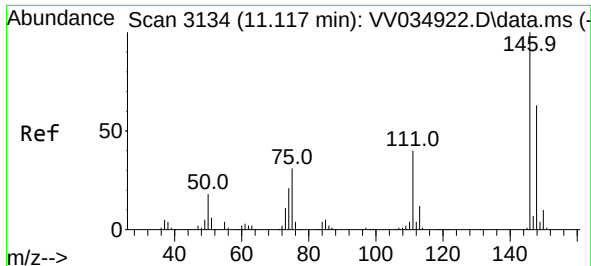
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



#51
Chlorobenzene
Concen: 1.375 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.007 min
Lab File: VV034938.D
Acq: 02 Apr 2024 17:57

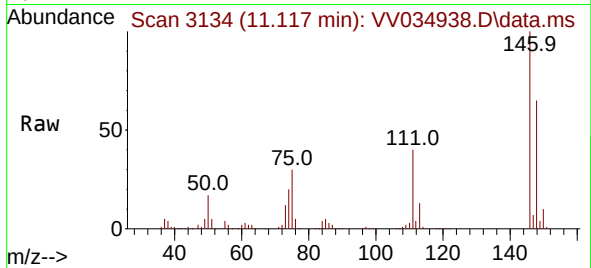
Tgt Ion:112 Resp: 50465
Ion Ratio Lower Upper
112 100
114 34.0 21.9 40.7
77 59.0 47.4 71.2





#64
1,3-Dichlorobenzene
Concen: 4.841 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VV034938.D
Acq: 02 Apr 2024 17:57

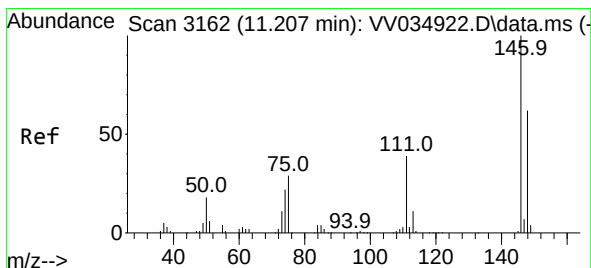
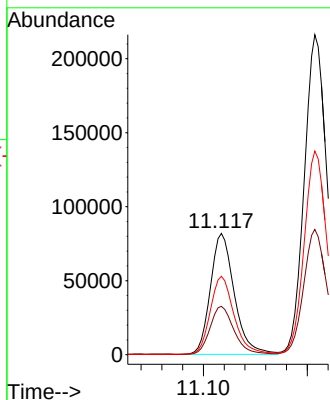
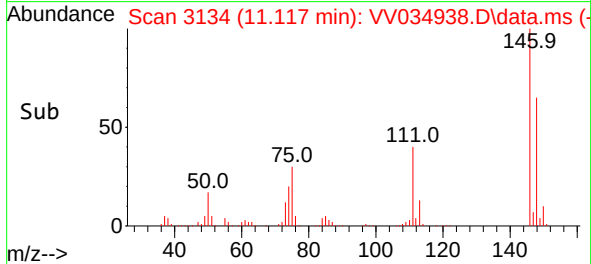
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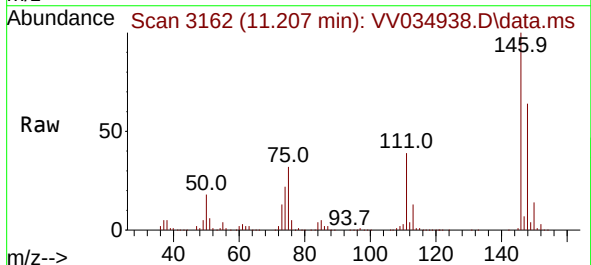
Tgt Ion:146 Resp: 130527
Ion Ratio Lower Upper
146 100
111 39.8 27.7 51.5
148 64.6 44.0 81.8

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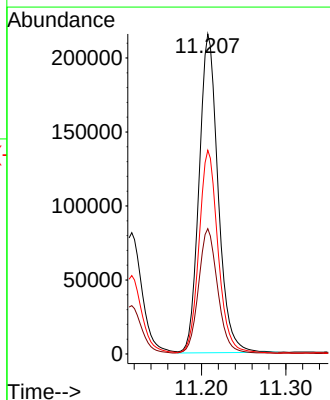
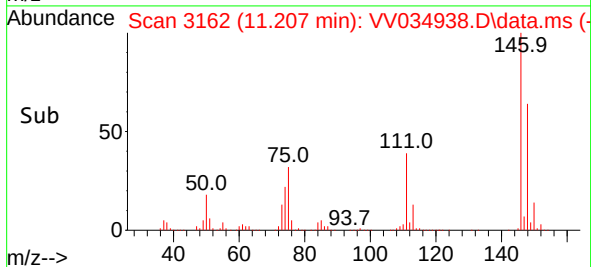
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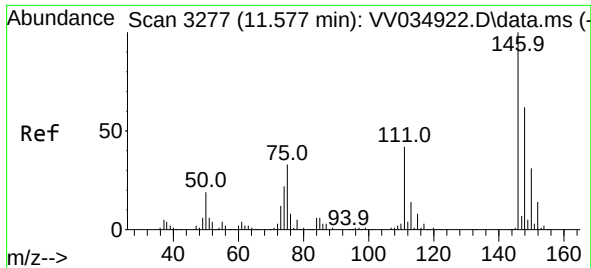


#65
1,4-Dichlorobenzene
Concen: 12.541 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV034938.D
Acq: 02 Apr 2024 17:57



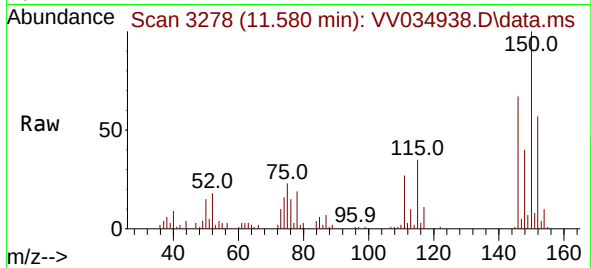
Tgt Ion:146 Resp: 338699
Ion Ratio Lower Upper
146 100
111 39.2 27.3 50.7
148 63.7 43.5 80.7





#67
1,2-Dichlorobenzene
Concen: 0.683 ug/L
RT: 11.580 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV034938.D
Acq: 02 Apr 2024 17:57

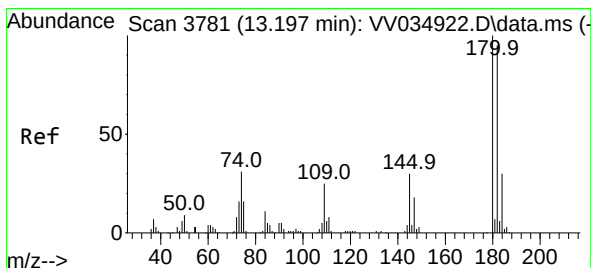
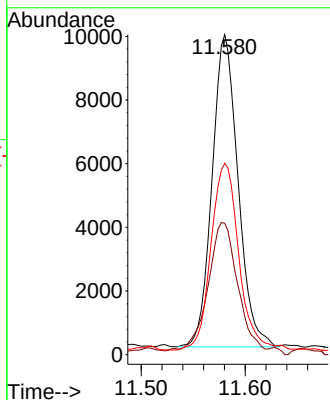
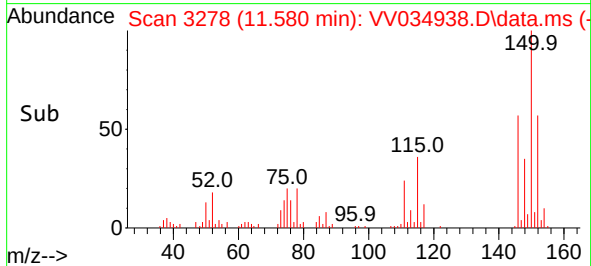
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Tgt Ion:146 Resp: 1700
Ion Ratio Lower Upper
146 100
111 41.1 33.9 50.9
148 59.8 49.3 73.9

Manual Integrations
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#70
1,2,4-trichlorobenzene
Concen: 0.552 ug/L
RT: 13.204 min Scan# 3783
Delta R.T. 0.007 min
Lab File: VV034938.D
Acq: 02 Apr 2024 17:57

Tgt Ion:180 Resp: 8683
Ion Ratio Lower Upper
180 100
182 89.7 75.3 112.9
145 28.3 23.4 35.0

