

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040224\
 Data File : VV034939.D
 Acq On : 02 Apr 2024 18:21
 Operator : SY/MD
 Sample : P1925-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 PMW-9D(20240327)

Manual Integrations
 APPROVED

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

Quant Time: Apr 03 05:22:42 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	171313	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	176757	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	103045	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	67287	4.766	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	95.400%		
7) Chloroethane-d5	1.532	69	56907	4.889	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	97.800%		
11) 1,1-Dichloroethene-d2	2.060	65	30612	4.774	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	95.400%		
20) 2-Butanone-d5	3.815	46	119983	54.314	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery =	108.620%		
24) Chloroform-d	4.252	84	109676	4.801	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	96.000%		
26) 1,2-Dichloroethane-d4	4.947	65	55996	5.428	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	108.600%		
32) Benzene-d6	4.963	84	222015	4.802	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	96.000%		
36) 1,2-Dichloropropane-d6	5.989	67	70239	5.176	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	103.600%		
41) Toluene-d8	7.246	98	191386	4.557	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	91.200%		
43) trans-1,3-Dichloroprop...	7.561	79	21927	4.548	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	91.000%		
46) 2-Hexanone-d5	8.027	63	101548	61.375	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	122.740%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	51132	5.400	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	108.000%		
66) 1,2-Dichlorobenzene-d4	11.561	152	74215	4.572	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	91.400%		
Target Compounds						
						Qvalue
16) Methylene chloride	2.449	84	4594	0.322	ug/L	95
19) 1,1-Dichloroethane	3.121	63	3756	0.148	ug/L	95
22) cis-1,2-Dichloroethene	3.818	96	16168	1.198	ug/L	90
33) Benzene	5.018	78	26115	0.483	ug/L	100
34) Trichloroethene	5.844	95	3898	0.276	ug/L	93
42) Toluene	7.336	91	5004	0.088	ug/L	85
51) Chlorobenzene	8.812	112	2483190	67.570	ug/L	99
53) m,p-Xylene	9.091	106	1304	0.058	ug/L	69
64) 1,3-Dichlorobenzene	11.117	146	3236444	98.464	ug/L	97
65) 1,4-Dichlorobenzene	11.214	146	10054437	305.418	ug/L	93
67) 1,2-Dichlorobenzene	11.577	146	906442	29.852	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	23623907m	1232.242	ug/L	
72) 1,2,3-Trichlorobenzene	13.680	180	1697499	100.678	ug/L	99

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

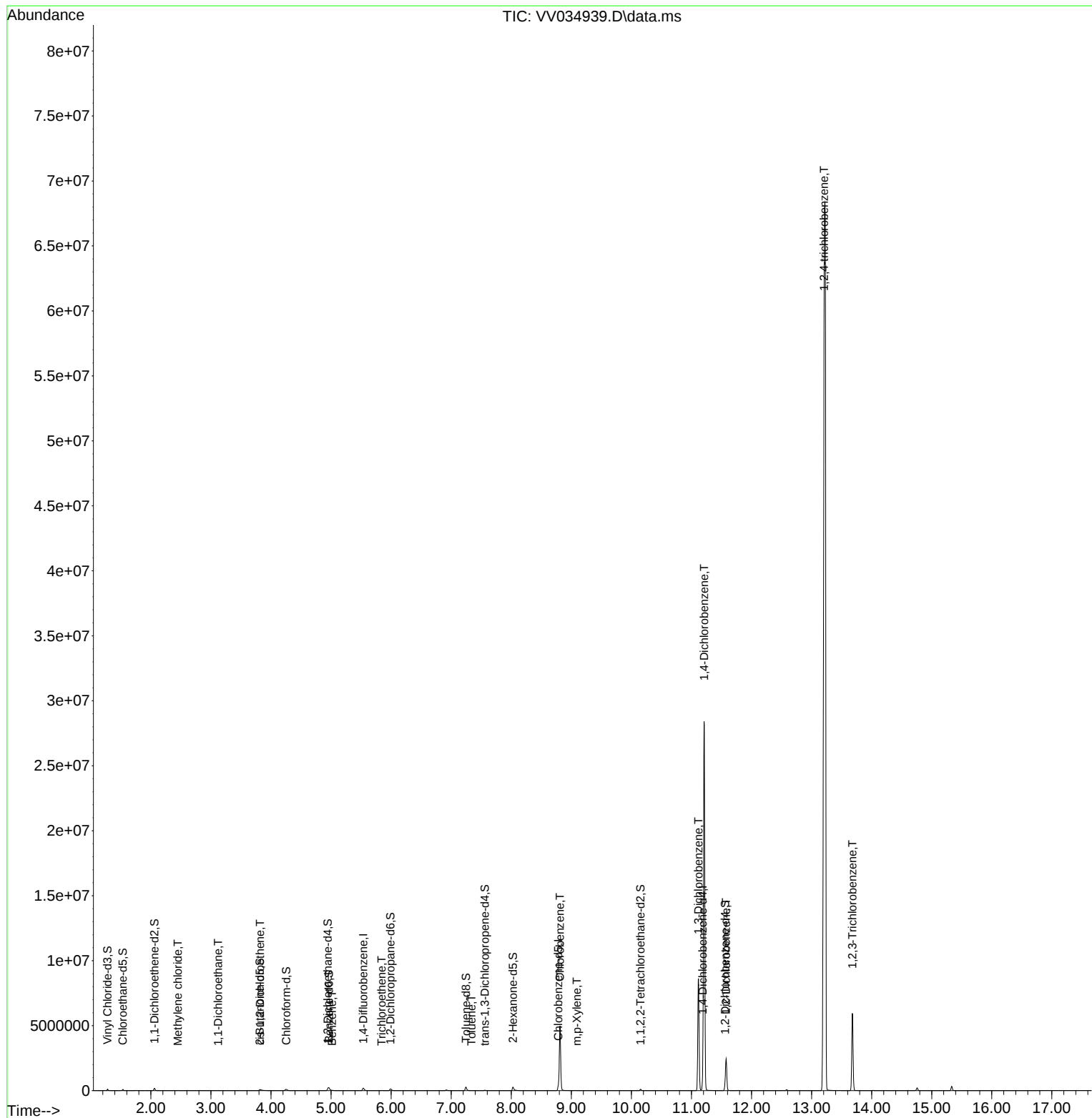
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040224\
Data File : VV034939.D
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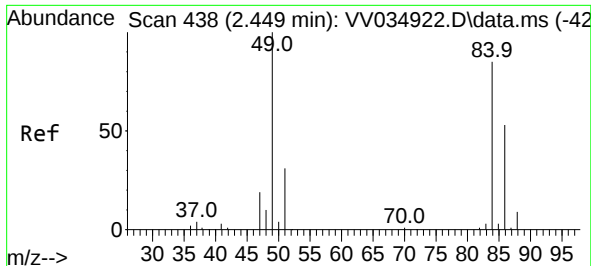
Instrument :
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PMW-9D(20240327)

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Supervised By :Semsettin Yesilyurt 04/05/2024

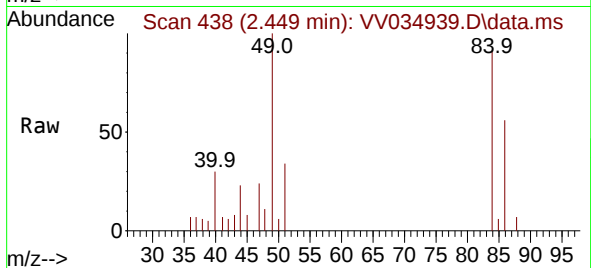
Quant Time: Apr 03 05:22:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 03 05:08:19 2024
Response via : Initial Calibration





#16
Methylene chloride
Concen: 0.322 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV034939.D
Acq: 02 Apr 2024 18:21

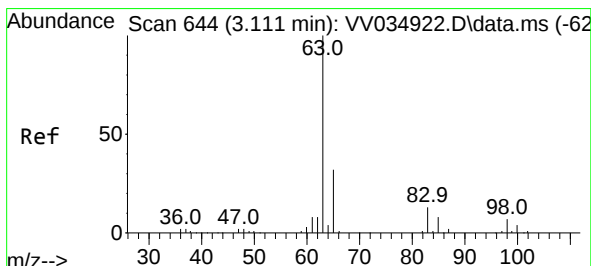
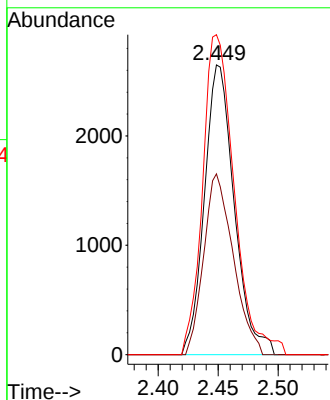
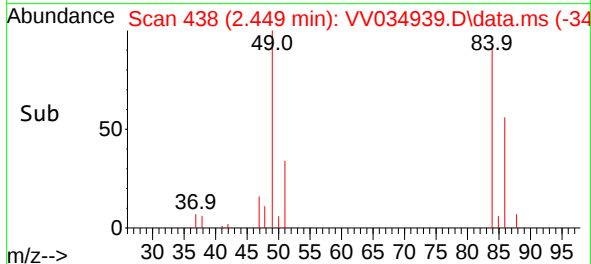
Instrument :
MSVOA_V
ClientSampleId :
PMW-9D(20240327)



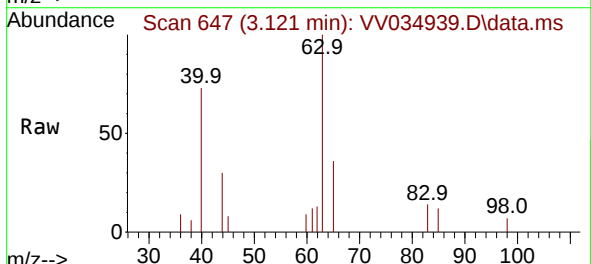
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Ion Ratio Lower Upper
84 100
86 62.4 43.5 80.9
49 110.4 82.5 153.3

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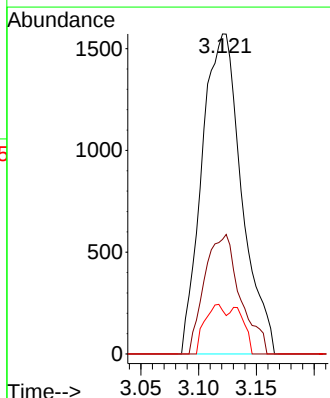
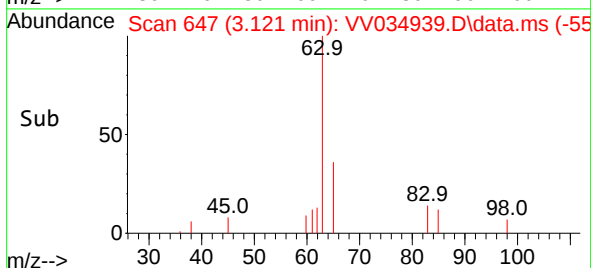
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024

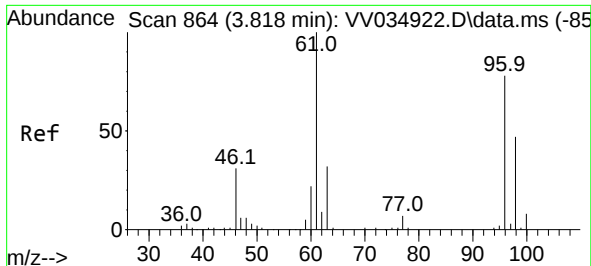


#19
1,1-Dichloroethane
Concen: 0.148 ug/L
RT: 3.121 min Scan# 647
Delta R.T. 0.010 min
Lab File: VV034939.D
Acq: 02 Apr 2024 18:21



Tgt Ion: 63 Resp: 3756
Ion Ratio Lower Upper
63 100
65 35.8 22.5 41.9
83 13.6 9.1 16.9





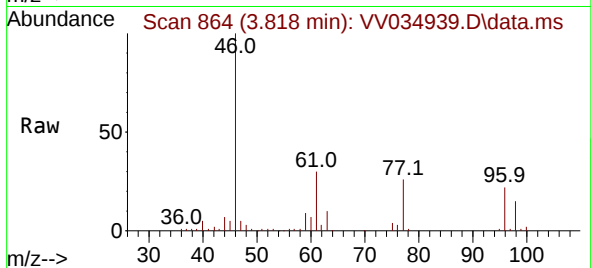
#22
 cis-1,2-Dichloroethene
 Concen: 1.198 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VV034939.D
 Acq: 02 Apr 2024 18:21

Instrument :

MSVOA_V

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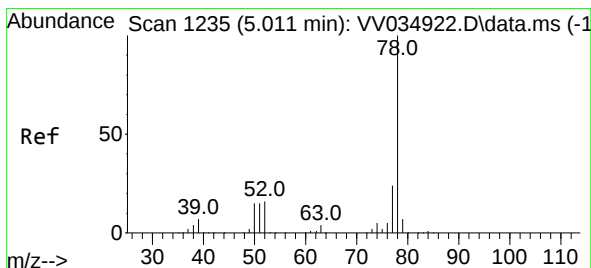
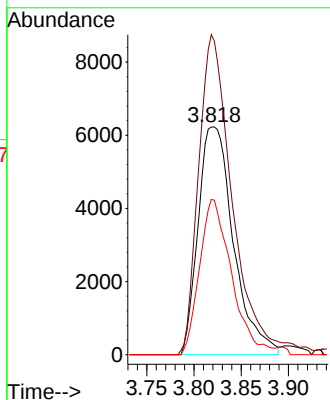
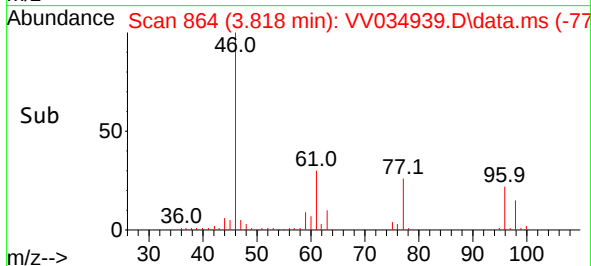


Tgt Ion: 96 Resp: 1616
 Ion Ratio Lower Upper
 96 100
 61 140.5 90.3 167.7
 98 68.1 42.7 79.3

Manual Integrations

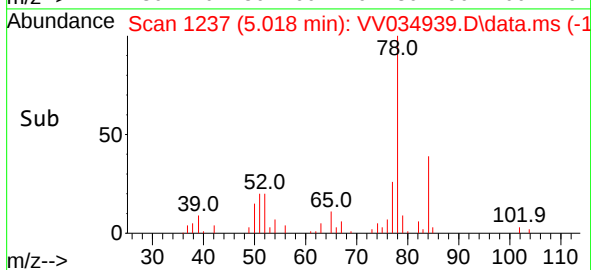
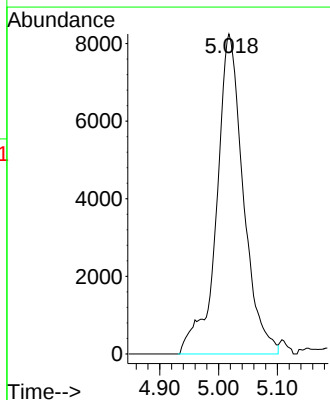
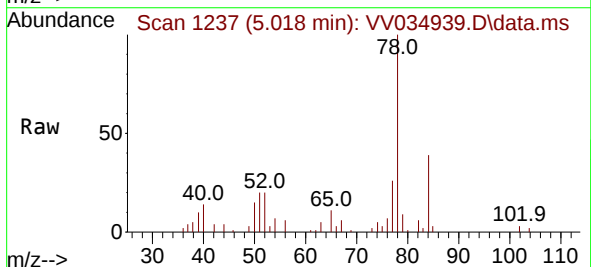
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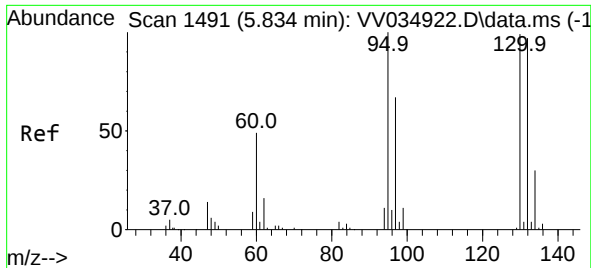
Reviewed By :Mahesh Dadoda 04/05/2024
 Supervised By :Semsettin Yesilyurt 04/05/2024



#33
 Benzene
 Concen: 0.483 ug/L
 RT: 5.018 min Scan# 1237
 Delta R.T. 0.006 min
 Lab File: VV034939.D
 Acq: 02 Apr 2024 18:21

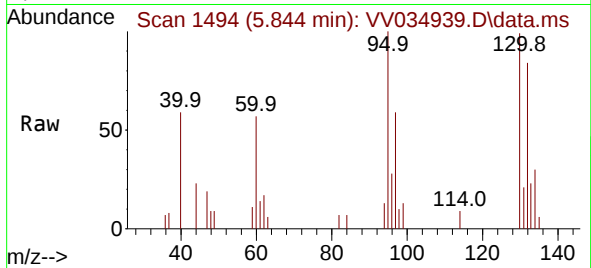
Tgt Ion: 78 Resp: 26115





#34
 Trichloroethene
 Concen: 0.276 ug/L
 RT: 5.844 min Scan# 1491
 Delta R.T. 0.010 min
 Lab File: VV034939.D
 Acq: 02 Apr 2024 18:21

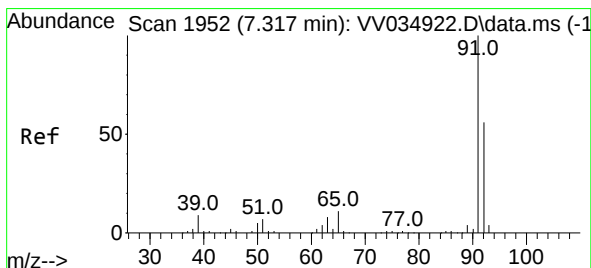
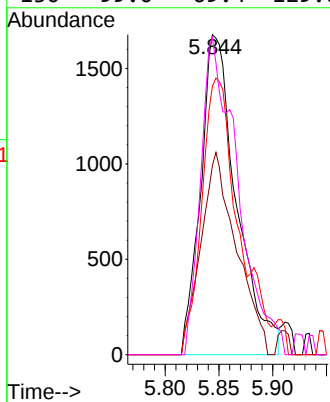
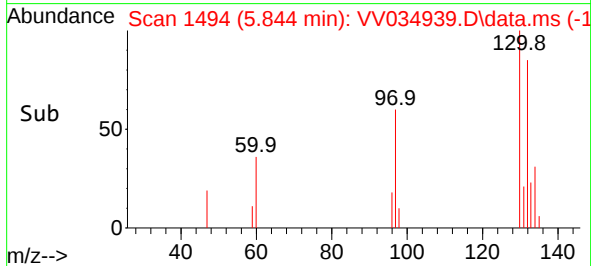
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Tgt Ion: 95 Resp: 389
 Ion Ratio Lower Upper
 95 100
 97 59.2 46.8 86.8
 132 83.9 68.0 126.4
 130 99.0 69.4 129.0

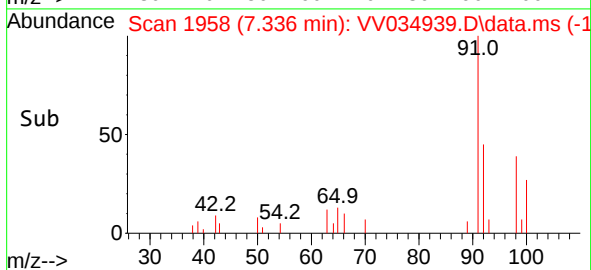
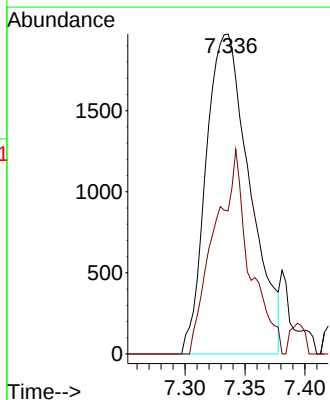
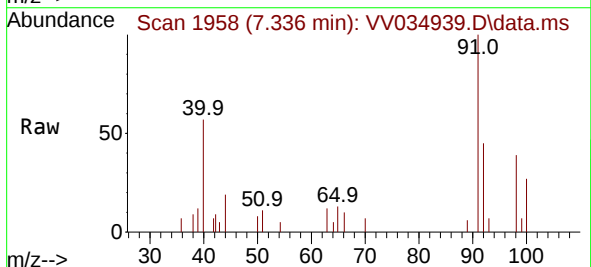
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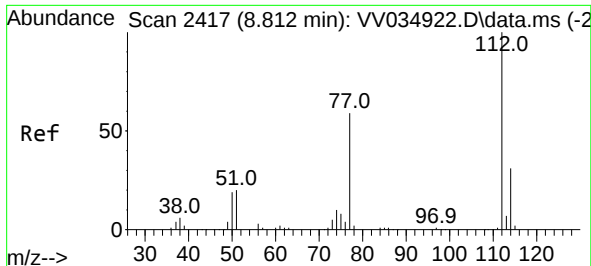
Reviewed By :Mahesh Dadoda 04/05/2024
 Supervised By :Semsettin Yesilyurt 04/05/2024



#42
 Toluene
 Concen: 0.088 ug/L
 RT: 7.336 min Scan# 1958
 Delta R.T. 0.019 min
 Lab File: VV034939.D
 Acq: 02 Apr 2024 18:21

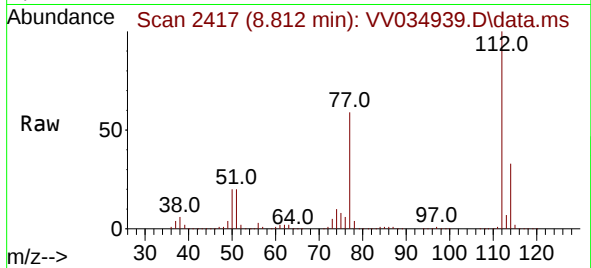
Tgt Ion: 91 Resp: 5004
 Ion Ratio Lower Upper
 91 100
 92 44.7 38.9 72.2





#51
Chlorobenzene
Concen: 67.570 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV034939.D
Acq: 02 Apr 2024 18:21

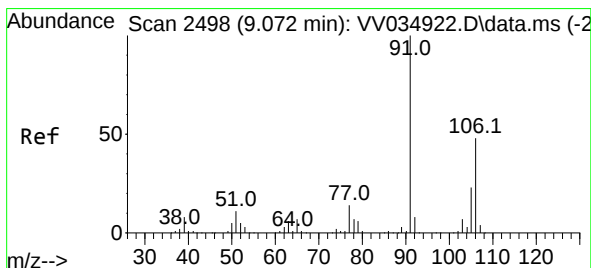
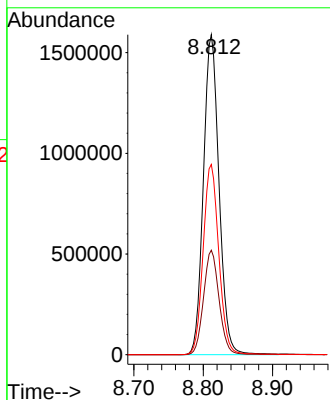
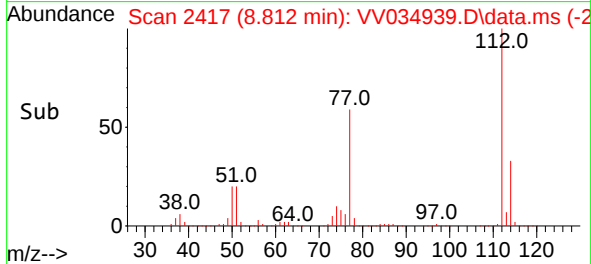
Instrument :
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PMW-9D(20240327)



Tgt Ion:112 Resp: 2483190
Ion Ratio Lower Upper
112 100
114 32.6 21.9 40.7
77 59.5 47.4 71.2

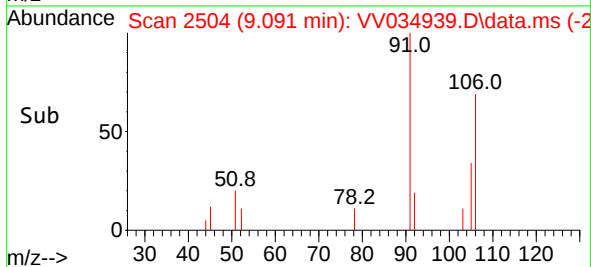
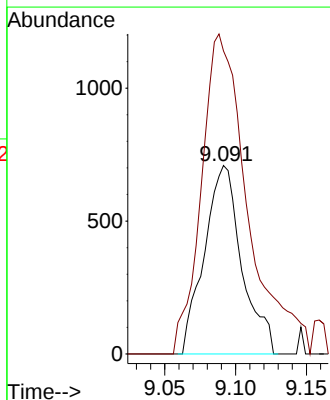
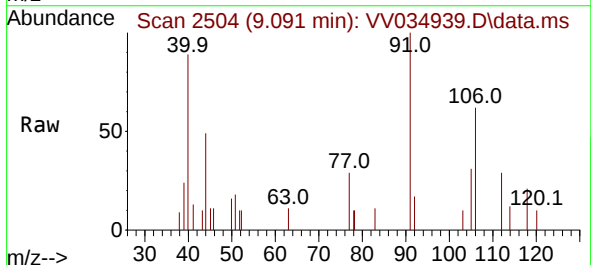
Manual Integrations
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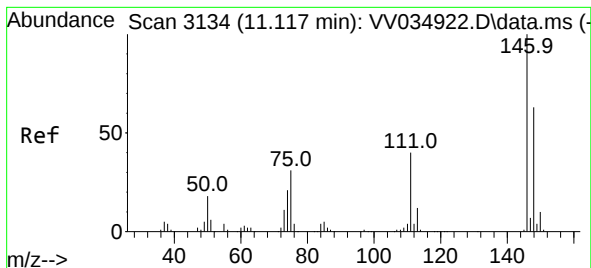
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



#53
m,p-Xylene
Concen: 0.058 ug/L
RT: 9.091 min Scan# 2504
Delta R.T. 0.019 min
Lab File: VV034939.D
Acq: 02 Apr 2024 18:21

Tgt Ion:106 Resp: 1304
Ion Ratio Lower Upper
106 100
91 160.8 145.7 270.7





#64

1,3-Dichlorobenzene

Concen: 98.464 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.000 min

Lab File: VV034939.D

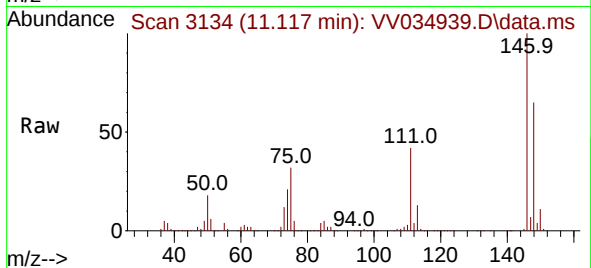
Acq: 02 Apr 2024 18:21

Instrument :

MSVOA_V

ClientSampleId :

PMW-9D(20240327)



Tgt Ion:146 Resp: 323644

Ion Ratio Lower Upper

146 100

111 41.5 27.7 51.5

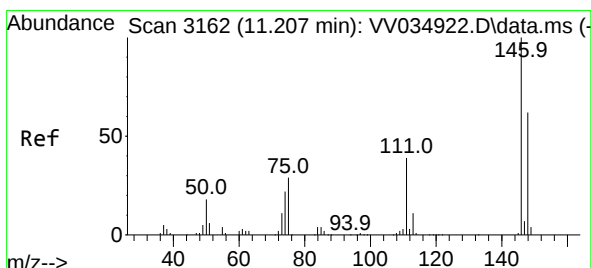
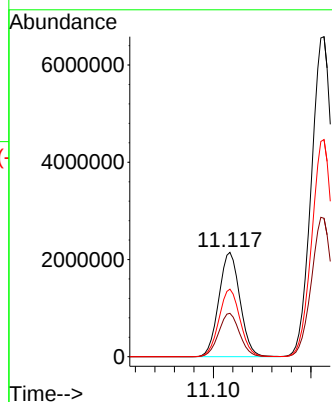
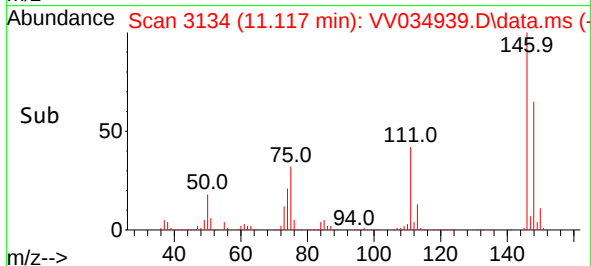
148 64.7 44.0 81.8

Manual Integrations

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#65

1,4-Dichlorobenzene

Concen: 305.418 ug/L

RT: 11.214 min Scan# 3164

Delta R.T. 0.006 min

Lab File: VV034939.D

Acq: 02 Apr 2024 18:21

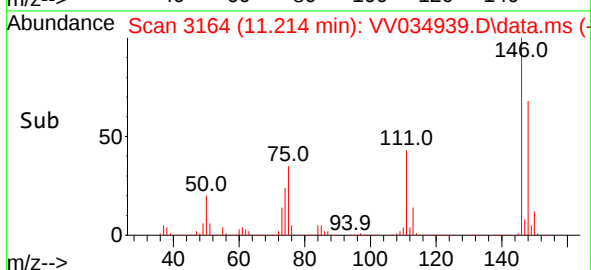
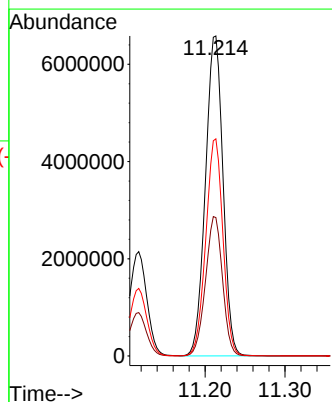
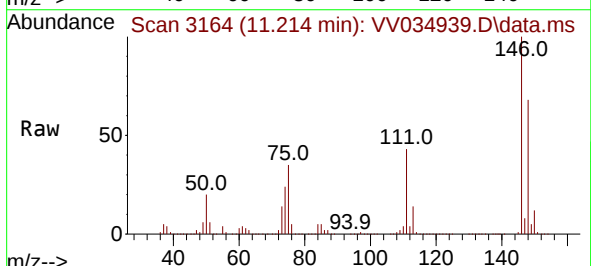
Tgt Ion:146 Resp:10054437

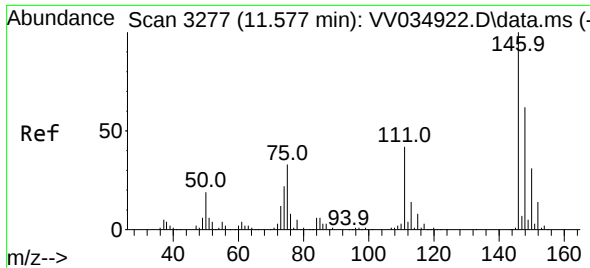
Ion Ratio Lower Upper

146 100

111 43.3 27.3 50.7

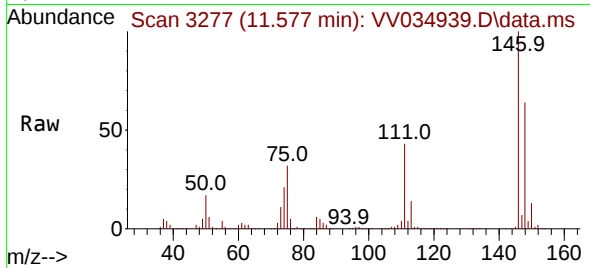
148 67.9 43.5 80.7





#67
1,2-Dichlorobenzene
Concen: 29.852 ug/L
RT: 11.577 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV034939.D
Acq: 02 Apr 2024 18:21

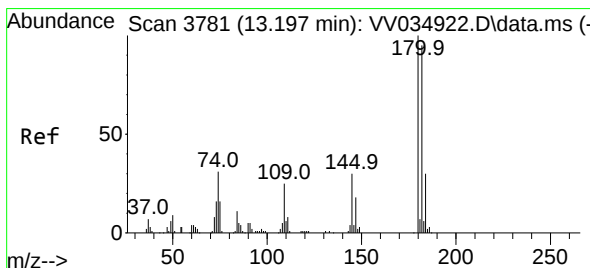
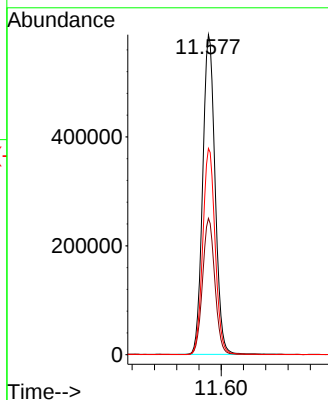
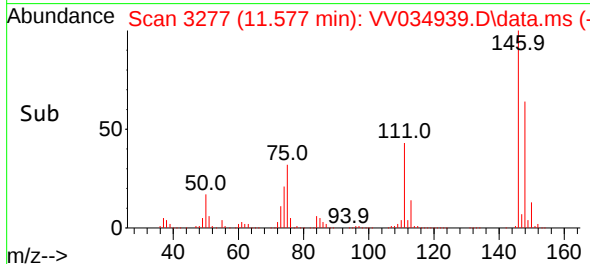
Instrument :
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ClientSampleId :
PMW-9D(20240327)



Tgt Ion:146 Resp: 906442
Ion Ratio Lower Upper
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111 42.6 33.9 50.9
148 64.5 49.3 73.9

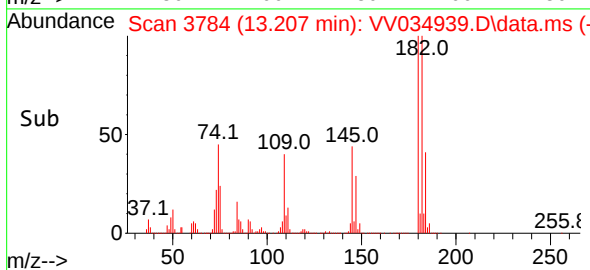
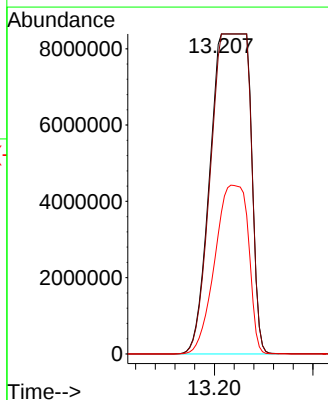
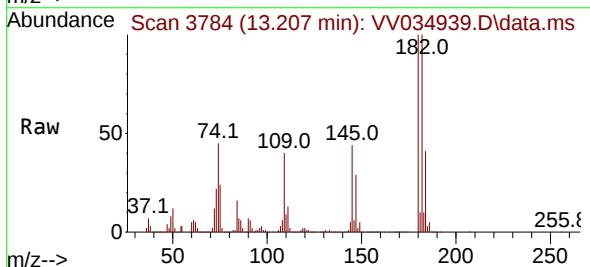
Manual Integrations
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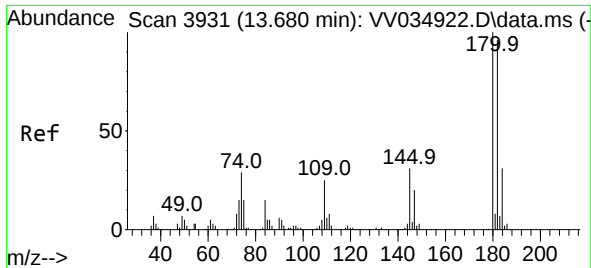
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



#70
1,2,4-trichlorobenzene
Concen: 1232.242 ug/L m
RT: 13.207 min Scan# 3784
Delta R.T. 0.010 min
Lab File: VV034939.D
Acq: 02 Apr 2024 18:21

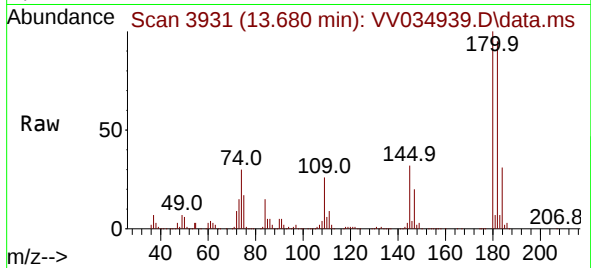
Tgt Ion:180 Resp:23623907
Ion Ratio Lower Upper
180 100
182 0.0 75.3 112.9#
145 0.0 23.4 35.0#





#72
1,2,3-Trichlorobenzene
Concen: 100.678 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.000 min
Lab File: VV034939.D
Acq: 02 Apr 2024 18:21

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Tgt Ion:180 Resp: 1697499
Ion Ratio Lower Upper
180 100
182 95.0 77.0 115.4
145 31.8 25.4 38.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/05/2024
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