

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040224\
 Data File : VW034940.D
 Acq On : 02 Apr 2024 18:45
 Operator : SY/MD
 Sample : P1925-09MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Apr 03 05:22:59 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	183396	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	189306	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	112423	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	71282	4.716	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.532	69	60348	4.843	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.060	65	33195	4.836	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.800%
20) 2-Butanone-d5	3.812	46	144928	61.284	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.560%
24) Chloroform-d	4.249	84	124146	5.076	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
26) 1,2-Dichloroethane-d4	4.944	65	59475	5.385	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	4.960	84	248108	5.010	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	5.989	67	74481	5.125	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.243	98	228386	5.077	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
43) trans-1,3-Dichloroprop...	7.558	79	26874	5.205	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.200%
46) 2-Hexanone-d5	8.027	63	120425	67.959	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	135.920%#
56) 1,1,2,2-Tetrachloroeth...	10.153	84	58634	5.782	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	82011	4.631	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	68538	4.856	ug/L	99
3) Chloromethane	1.217	50	80756	4.717	ug/L	98
5) Vinyl chloride	1.282	62	86161	4.706	ug/L	97
6) Bromomethane	1.491	94	47760	4.569	ug/L	98
8) Chloroethane	1.552	64	55769	4.738	ug/L	100
9) Trichlorofluoromethane	1.716	101	121620	4.997	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	72418	4.857	ug/L	98
12) 1,1-Dichloroethene	2.069	96	67190	4.826	ug/L	95
13) Acetone	2.140	43	107915	62.555	ug/L	70
14) Carbon disulfide	2.240	76	194213	4.682	ug/L	99
15) Methyl Acetate	2.391	43	25604	5.377	ug/L	96
16) Methylene chloride	2.446	84	75403	4.936	ug/L	96
17) Methyl tert-butyl Ether	2.706	73	166086	5.540	ug/L	100
18) trans-1,2-Dichloroethene	2.696	96	68891	4.992	ug/L	94
19) 1,1-Dichloroethane	3.111	63	139902	5.138	ug/L	99
21) 2-Butanone	3.892	43	157038	56.797	ug/L	# 72
22) cis-1,2-Dichloroethene	3.815	96	90872	6.287	ug/L	98
23) Bromochloromethane	4.153	128	32053	5.282	ug/L	96
25) Chloroform	4.278	83	134720	4.982	ug/L	99

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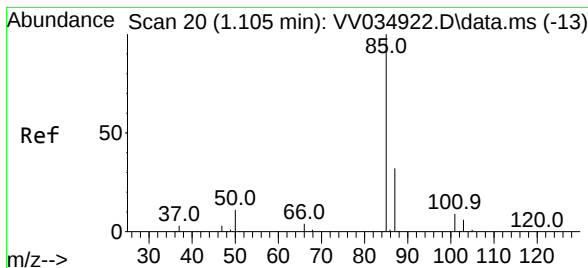
Quant Time: Apr 03 05:22:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
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Manual Integrations
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Reviewed By :Mahesh Dadoda 04/05/2024
 Supervised By :Semsettin Yesilyurt 04/05/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	82011	5.389	ug/L	99
29) 1,1,1-Trichloroethane	4.510	97	111806	4.819	ug/L	99
30) Cyclohexane	4.580	56	104447	4.887	ug/L	98
31) Carbon tetrachloride	4.735	117	96448	4.857	ug/L	98
33) Benzene	5.011	78	315153	5.438	ug/L	100
34) Trichloroethene	5.834	95	74275	4.919	ug/L	97
35) Methylcyclohexane	6.050	83	109453	4.759	ug/L	99
37) 1,2-Dichloropropane	6.092	63	76952	5.121	ug/L	100
38) Bromodichloromethane	6.432	83	95118	5.017	ug/L	97
39) cis-1,3-Dichloropropene	6.957	75	103534	5.129	ug/L	94
40) 4-Methyl-2-pentanone	7.159	43	394428	58.174	ug/L	99
42) Toluene	7.313	91	314399	5.161	ug/L	98
44) trans-1,3-Dichloropropene	7.584	75	86532	5.171	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	52224	5.289	ug/L	98
47) Tetrachloroethene	7.905	164	55969	4.933	ug/L	96
48) 2-Hexanone	8.075	43	294950	57.624	ug/L	99
49) Dibromochloromethane	8.175	129	61094	5.257	ug/L	94
50) 1,2-Dibromoethane	8.281	107	49419	5.316	ug/L	99
51) Chlorobenzene	8.812	112	2775696	70.523	ug/L	99
52) Ethylbenzene	8.947	91	347361	5.279	ug/L	98
53) m,p-Xylene	9.072	106	124010	5.132	ug/L	99
54) o-Xylene	9.477	106	121343	5.118	ug/L	98
55) Styrene	9.497	104	202970	5.325	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	66834	5.663	ug/L	99
59) Bromoform	9.667	173	31431	4.498	ug/L	100
60) Isopropylbenzene	9.866	105	305887	4.353	ug/L #	85
61) 1,2,3-Trichloropropane	10.210	75	48872m	4.657	ug/L	
62) 1,3,5-Trimethylbenzene	10.477	105	255910	4.433	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	269755	4.606	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	3589078	100.084	ug/L	97
65) 1,4-Dichlorobenzene	11.214	146	10602969	295.214	ug/L	92
67) 1,2-Dichlorobenzene	11.577	146	1110725	33.528	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	12803	5.934	ug/L	98
69) 1,3,5-Trichlorobenzene	12.583	180	150190	5.578	ug/L	100
70) 1,2,4-trichlorobenzene	13.204	180	24187426m	1156.394	ug/L	
71) Naphthalene	13.442	128	161167	5.483	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	1903074	103.455	ug/L	99

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



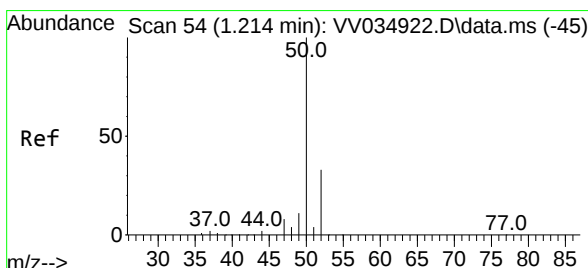
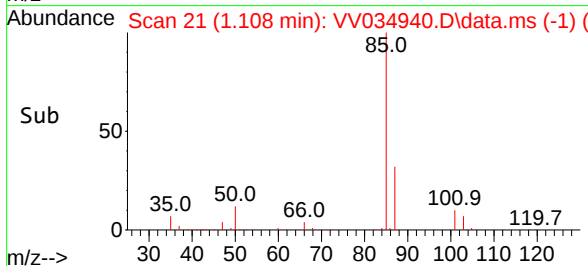
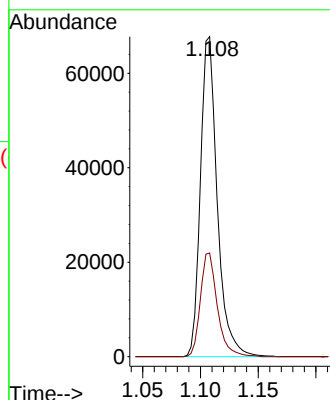
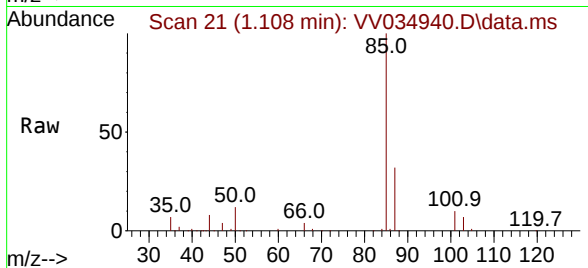
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Dichlorodifluoromethane
Concen: 4.856 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV034940.D
Acq: 02 Apr 2024 18:45

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

Tgt Ion: 85 Resp: 68538
Ion Ratio Lower Upper
85 100
87 32.6 25.7 38.5

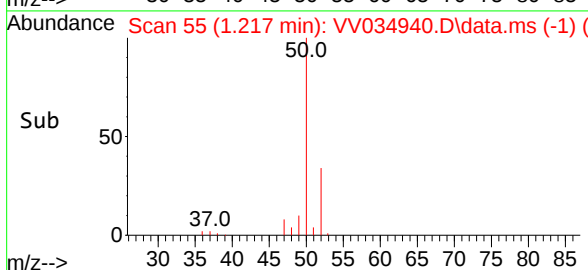
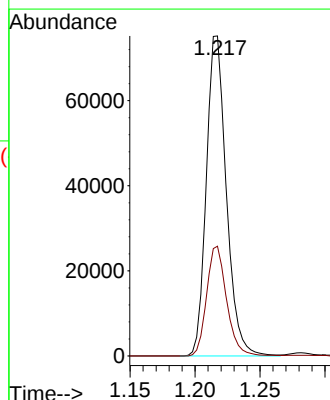
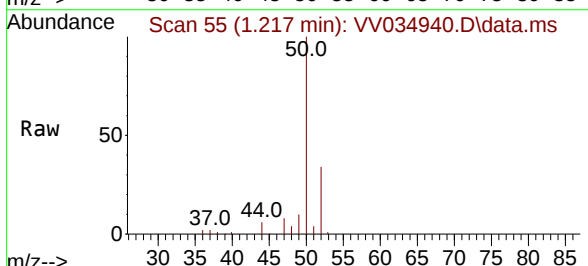
Manual Integrations
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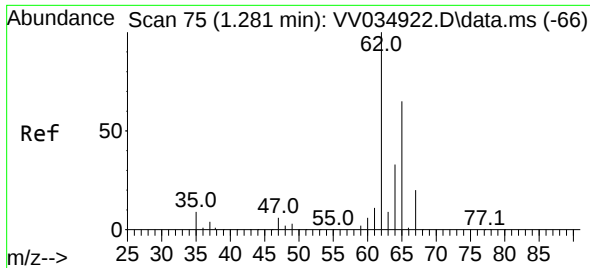
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



#3
Chloromethane
Concen: 4.717 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.003 min
Lab File: VV034940.D
Acq: 02 Apr 2024 18:45

Tgt Ion: 50 Resp: 80756
Ion Ratio Lower Upper
50 100
52 34.3 23.4 43.4





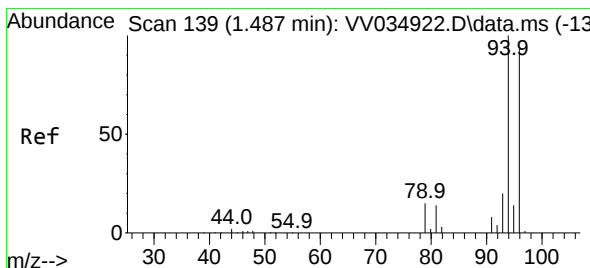
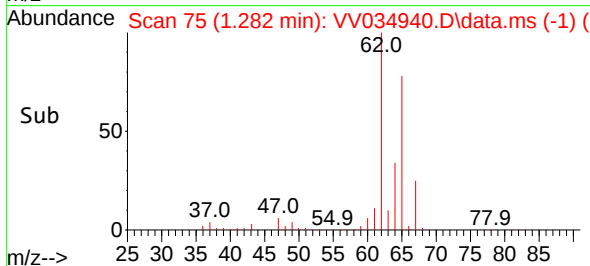
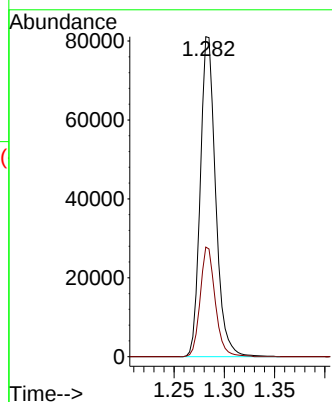
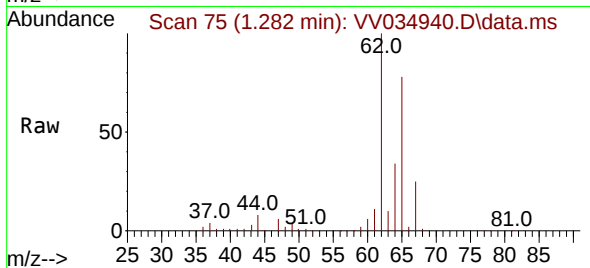
#5
 Vinyl chloride
 Concen: 4.706 ug/L
 RT: 1.282 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV034940.D
 Acq: 02 Apr 2024 18:45

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

Tgt Ion: 62 Resp: 8616
 Ion Ratio Lower Upper
 62 100
 64 34.2 22.9 42.5

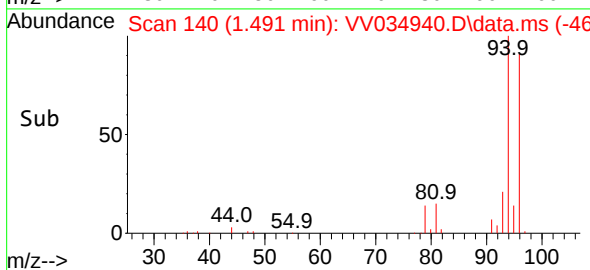
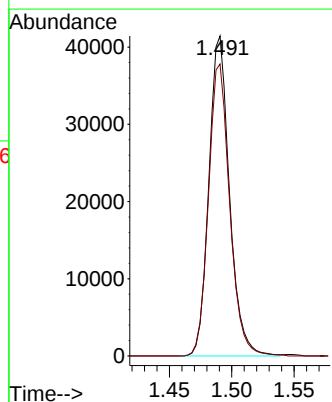
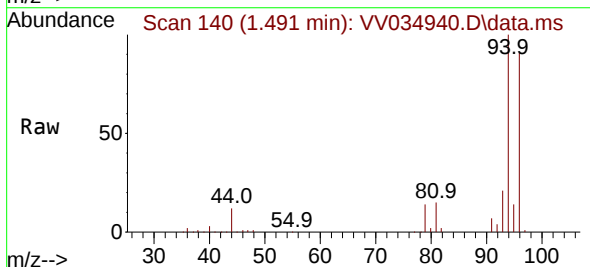
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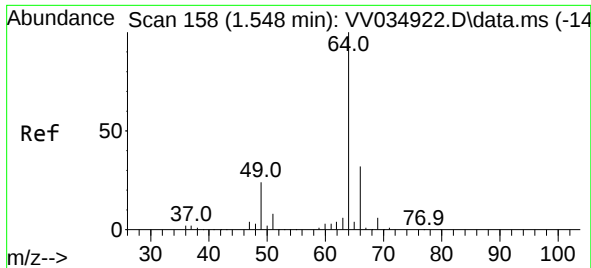
Reviewed By :Mahesh Dadoda 04/05/2024
 Supervised By :Semsettin Yesilyurt 04/05/2024



#6
 Bromomethane
 Concen: 4.569 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. 0.003 min
 Lab File: VV034940.D
 Acq: 02 Apr 2024 18:45

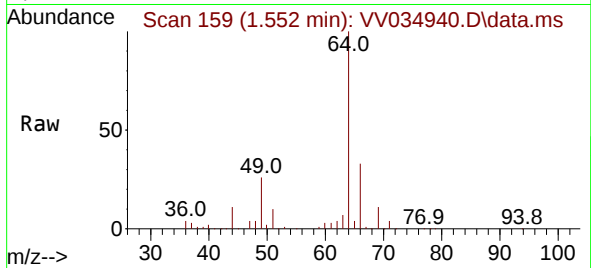
Tgt Ion: 94 Resp: 47760
 Ion Ratio Lower Upper
 94 100
 96 91.3 65.4 121.4





#8
Chloroethane
Concen: 4.738 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV034940.D
Acq: 02 Apr 2024 18:45

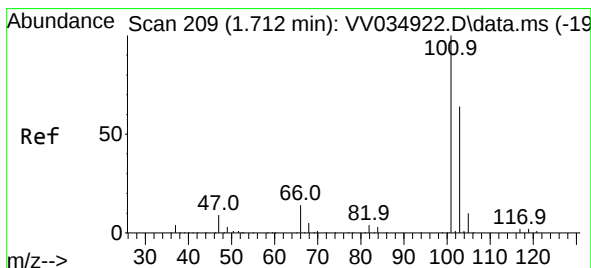
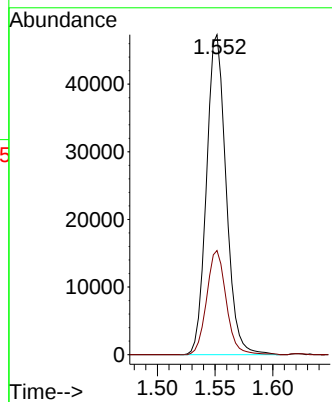
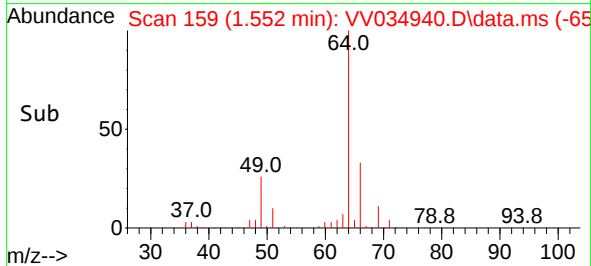
Instrument :
MSVOA_V
ClientSampleId :
PMW-9D(20240327)MS



Tgt Ion: 64 Resp: 55769
Ion Ratio Lower Upper
64 100
66 32.6 22.6 42.0

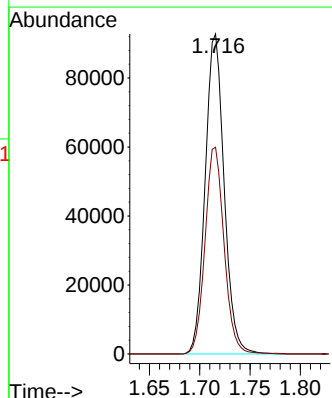
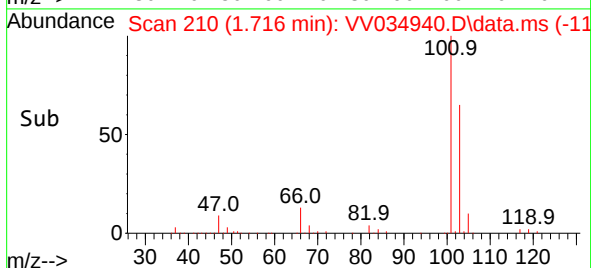
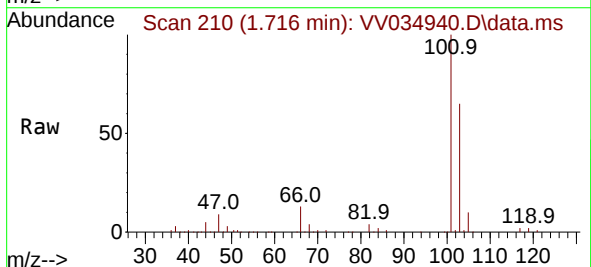
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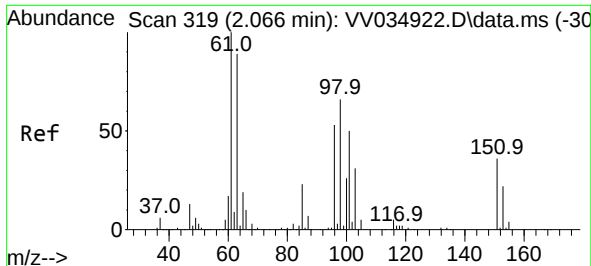
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



#9
Trichlorofluoromethane
Concen: 4.997 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV034940.D
Acq: 02 Apr 2024 18:45

Tgt Ion:101 Resp: 121620
Ion Ratio Lower Upper
101 100
103 64.9 51.9 77.9





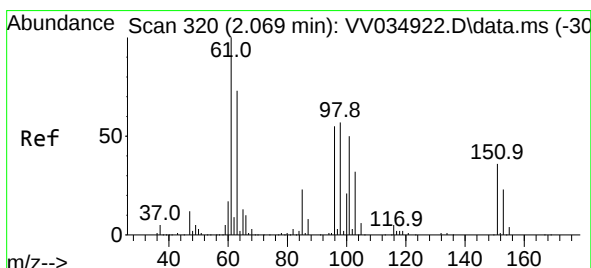
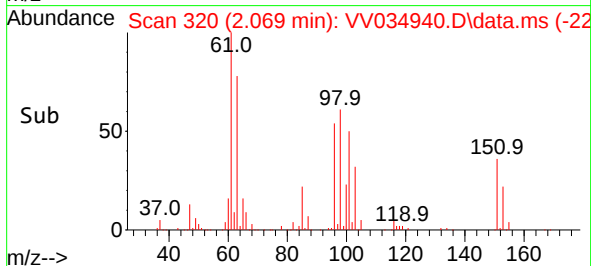
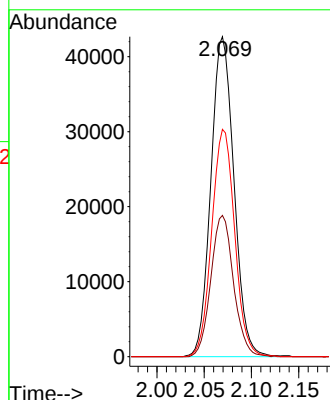
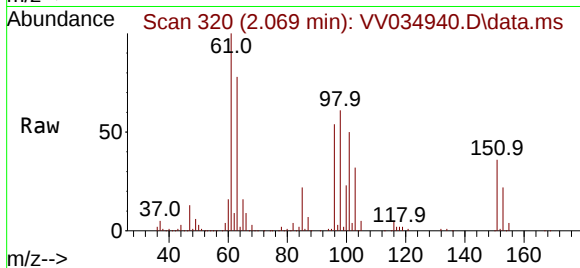
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1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.857 ug/L
RT: 2.069 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV034940.D
Acq: 02 Apr 2024 18:45

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

Tgt Ion:101 Resp: 72418
Ion Ratio Lower Upper
101 100
85 43.4 36.2 54.4
151 70.7 56.0 84.0

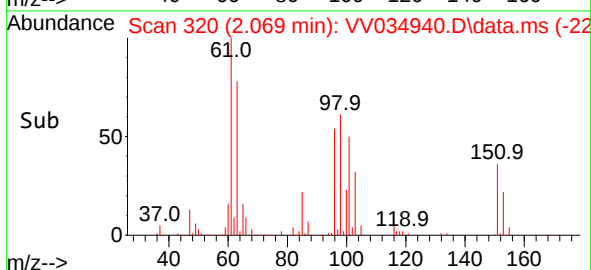
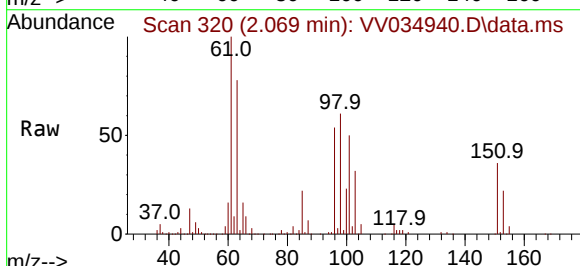
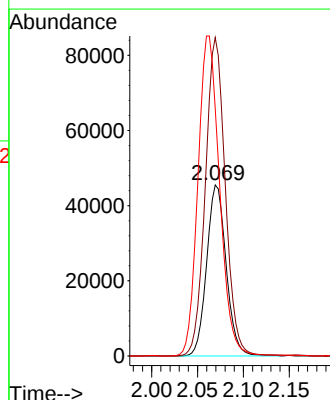
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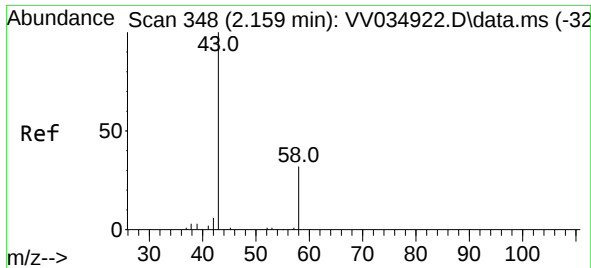
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



#12
1,1-Dichloroethene
Concen: 4.826 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV034940.D
Acq: 02 Apr 2024 18:45

Tgt Ion: 96 Resp: 67190
Ion Ratio Lower Upper
96 100
61 186.2 128.1 237.9
63 144.6 93.5 173.7





#13

Acetone

Concen: 62.555 ug/L

RT: 2.140 min Scan# 34

Delta R.T. -0.019 min

Lab File: VV034940.D

Acq: 02 Apr 2024 18:45

Instrument :

MSVOA_V

ClientSampleId :

PMW-9D(20240327)MS

Tgt Ion: 43 Resp: 10791

Ion Ratio Lower Upper

43 100

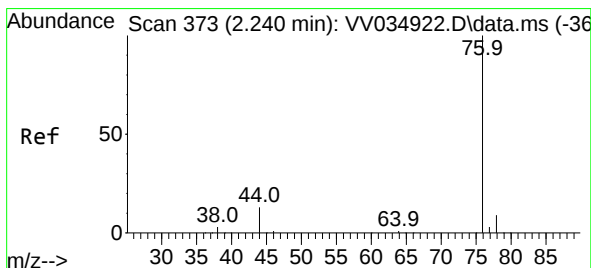
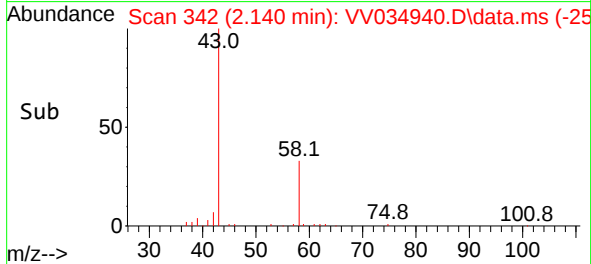
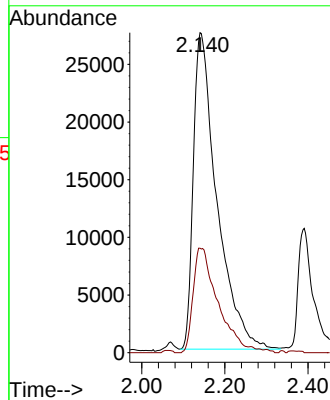
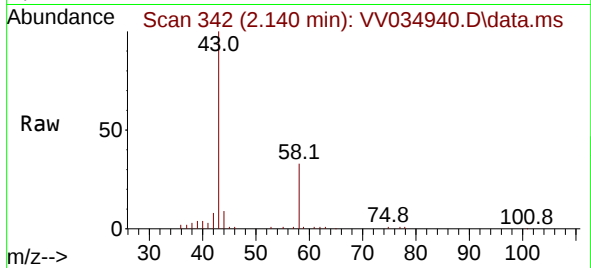
58 34.2 0.0 40.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 04/05/2024

Supervised By :Semsettin Yesilyurt 04/05/2024



#14

Carbon disulfide

Concen: 4.682 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV034940.D

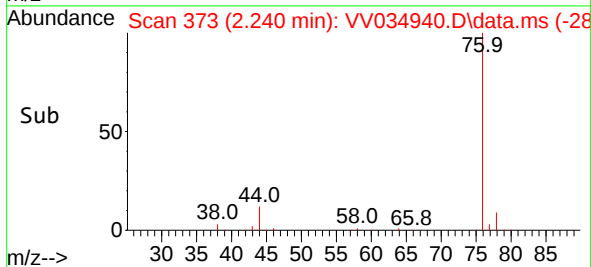
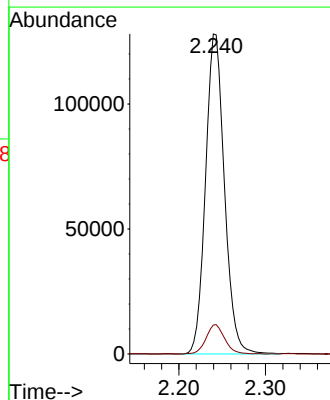
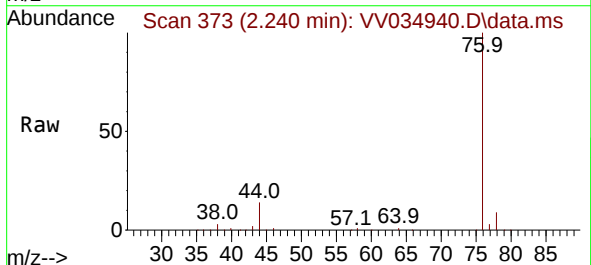
Acq: 02 Apr 2024 18:45

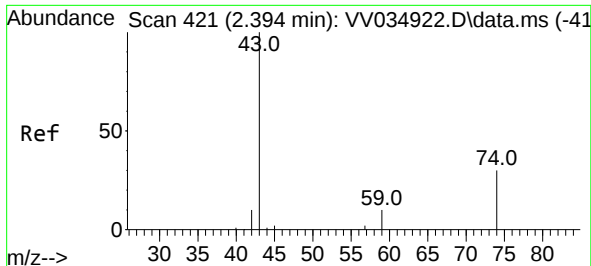
Tgt Ion: 76 Resp: 194213

Ion Ratio Lower Upper

76 100

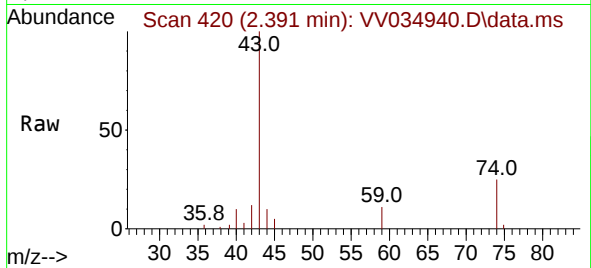
78 9.0 7.4 11.2





#15
Methyl Acetate
Concen: 5.377 ug/L
RT: 2.391 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV034940.D
Acq: 02 Apr 2024 18:45

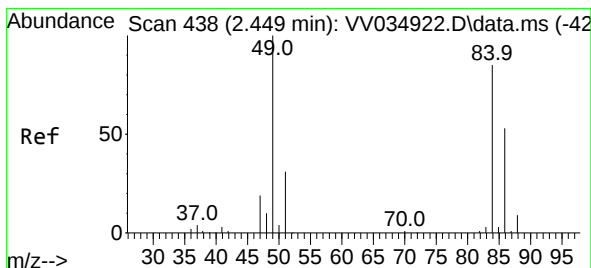
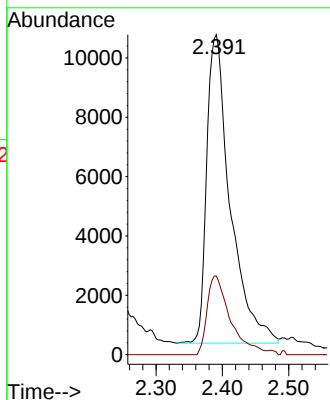
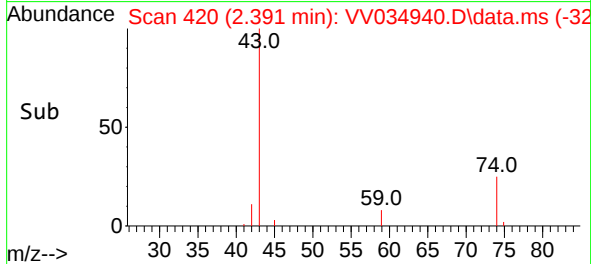
Instrument :
MSVOA_V
ClientSampleId :
PMW-9D(20240327)MS



Tgt Ion: 43 Resp: 25604
Ion Ratio Lower Upper
43 100
74 25.2 18.5 27.7

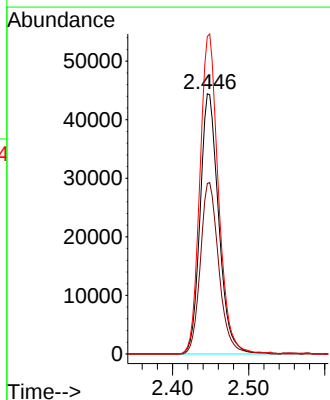
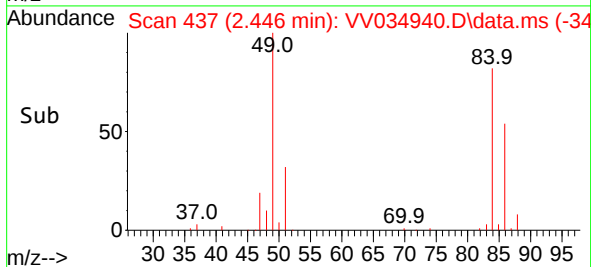
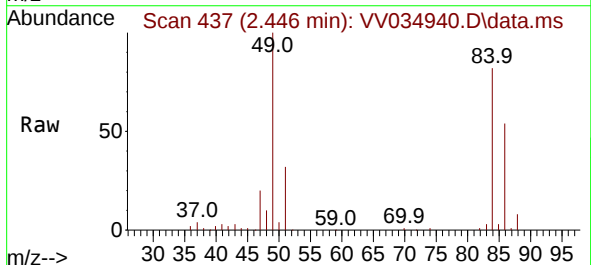
Manual Integrations
APPROVED

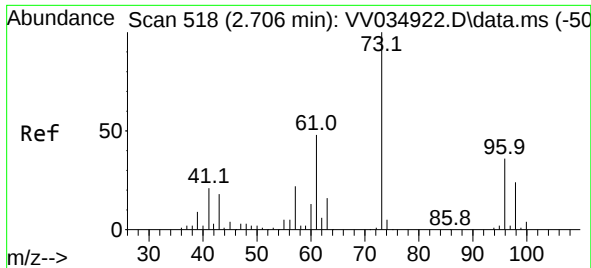
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



#16
Methylene chloride
Concen: 4.936 ug/L
RT: 2.446 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV034940.D
Acq: 02 Apr 2024 18:45

Tgt Ion: 84 Resp: 75403
Ion Ratio Lower Upper
84 100
86 65.5 43.5 80.9
49 122.1 82.5 153.3





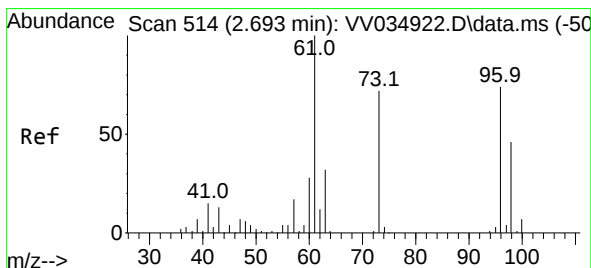
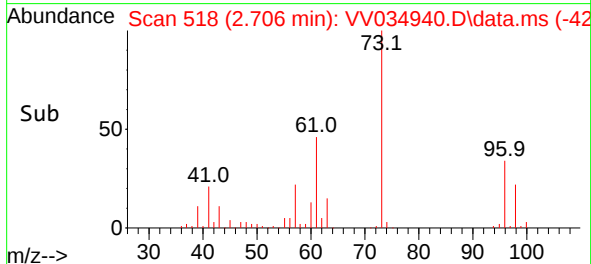
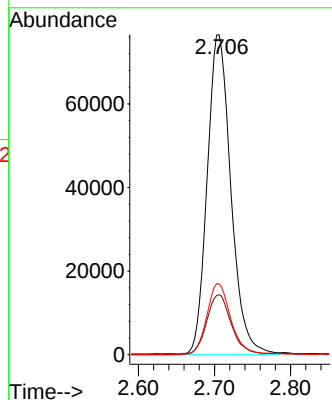
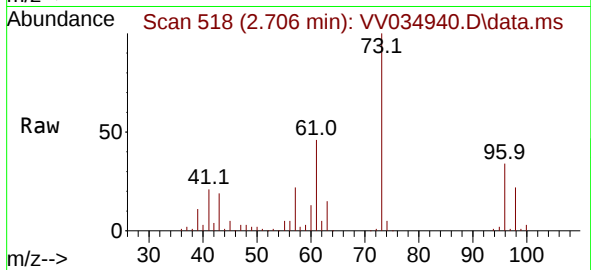
#17
Methyl tert-butyl Ether
Concen: 5.540 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV034940.D
Acq: 02 Apr 2024 18:45

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

Tgt Ion: 73 Resp: 166080
Ion Ratio Lower Upper
73 100
43 18.7 14.8 22.2
57 22.7 18.1 27.1

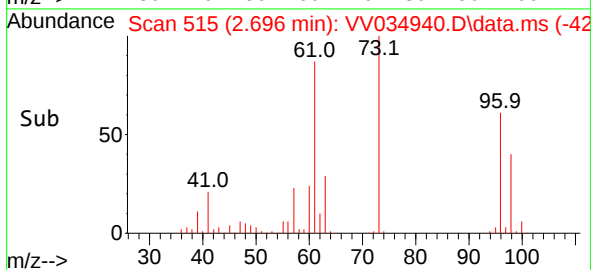
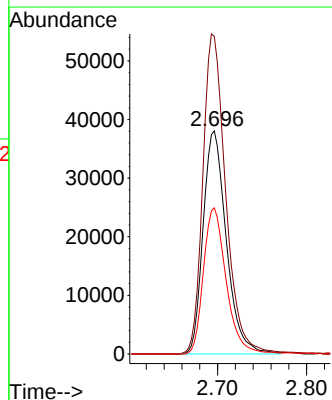
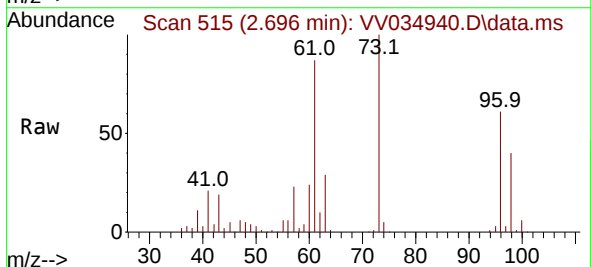
Manual Integrations
APPROVED

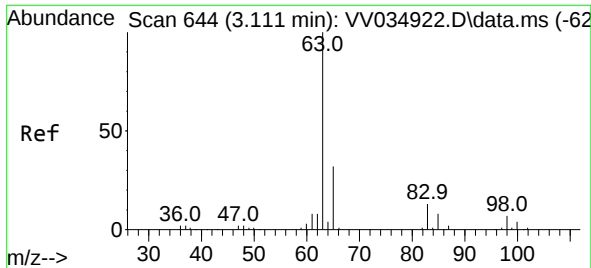
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



#18
trans-1,2-Dichloroethene
Concen: 4.992 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV034940.D
Acq: 02 Apr 2024 18:45

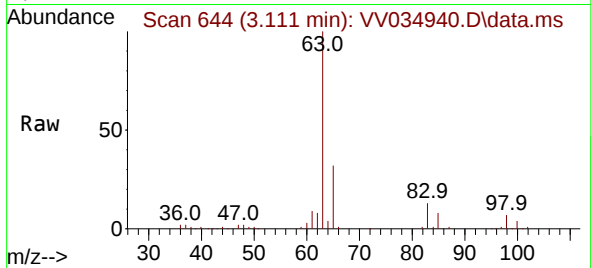
Tgt Ion: 96 Resp: 68891
Ion Ratio Lower Upper
96 100
61 142.5 94.5 175.5
98 65.5 43.5 80.9





#19
1,1-Dichloroethane
Concen: 5.138 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.000 min
Lab File: VV034940.D
Acq: 02 Apr 2024 18:45

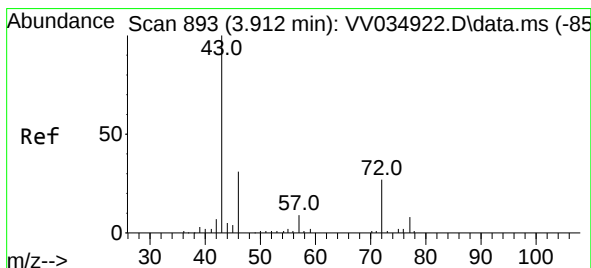
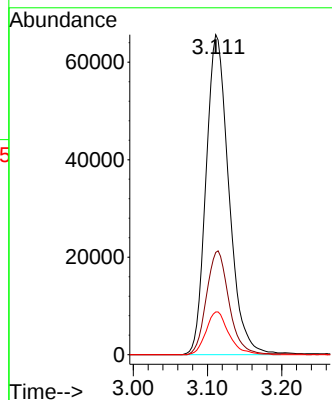
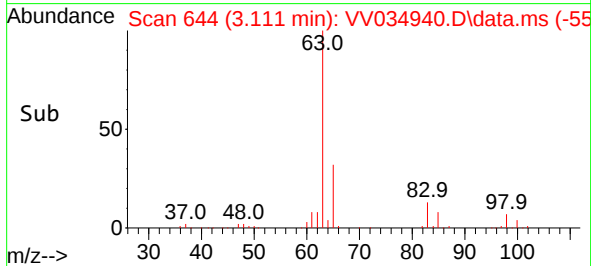
Instrument :
MSVOA_V
ClientSampleId :
PMW-9D(20240327)MS



Tgt Ion: 63 Resp: 139902
Ion Ratio Lower Upper
63 100
65 32.0 22.5 41.9
83 13.3 9.1 16.9

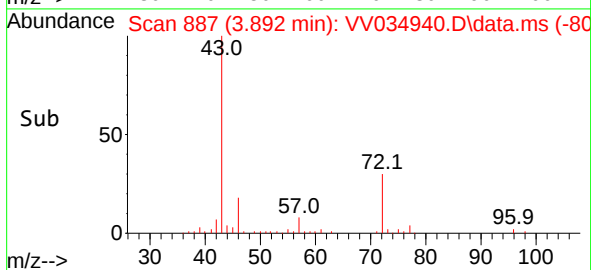
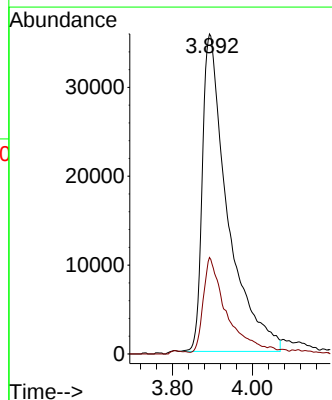
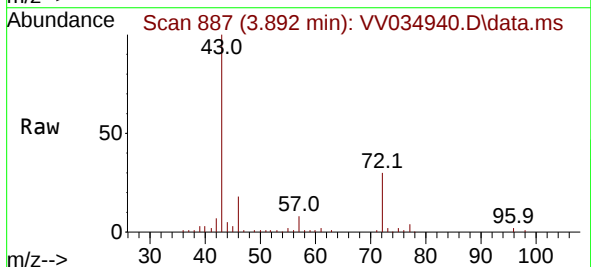
Manual Integrations
APPROVED

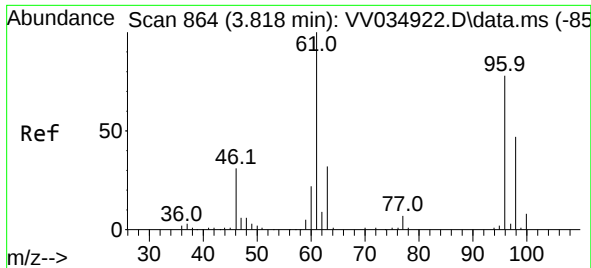
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



#21
2-Butanone
Concen: 56.797 ug/L
RT: 3.892 min Scan# 887
Delta R.T. -0.019 min
Lab File: VV034940.D
Acq: 02 Apr 2024 18:45

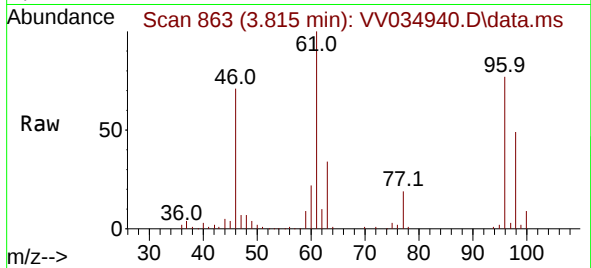
Tgt Ion: 43 Resp: 157038
Ion Ratio Lower Upper
43 100
72 26.8 7.5 22.5





#22
cis-1,2-Dichloroethene
Concen: 6.287 ug/L
RT: 3.815 min Scan# 863
Delta R.T. -0.003 min
Lab File: VV034940.D
Acq: 02 Apr 2024 18:45

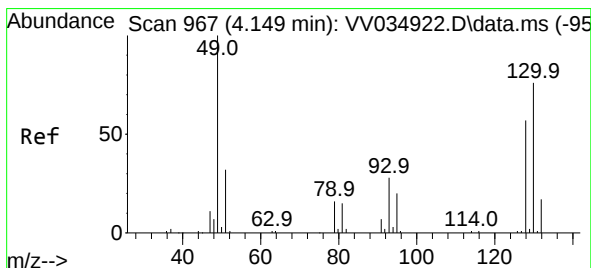
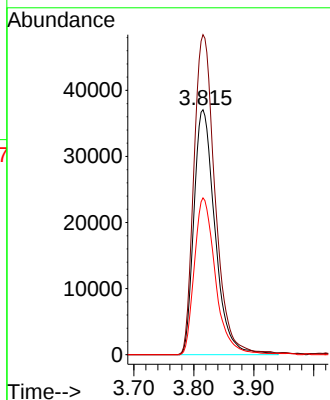
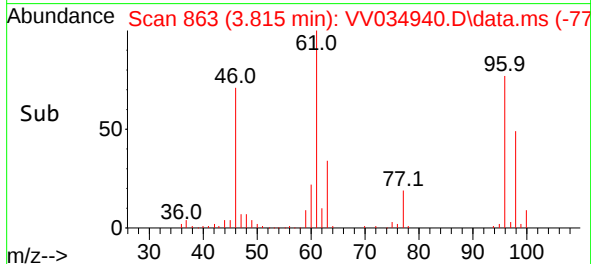
Instrument :
MSVOA_V
ClientSampleId :
PMW-9D(20240327)MS



Tgt Ion: 96 Resp: 90872
Ion Ratio Lower Upper
96 100
61 130.6 90.3 167.7
98 64.0 42.7 79.3

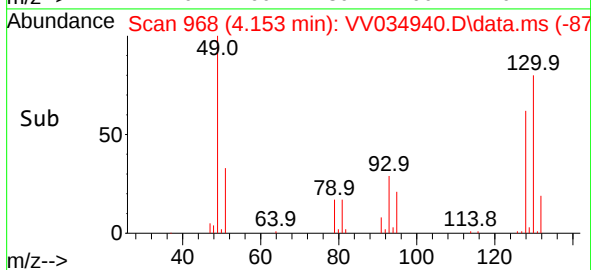
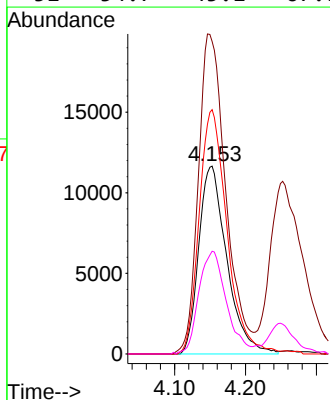
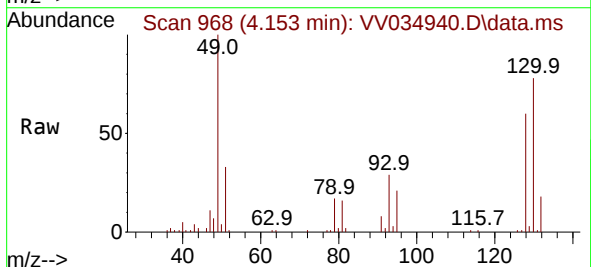
Manual Integrations
APPROVED

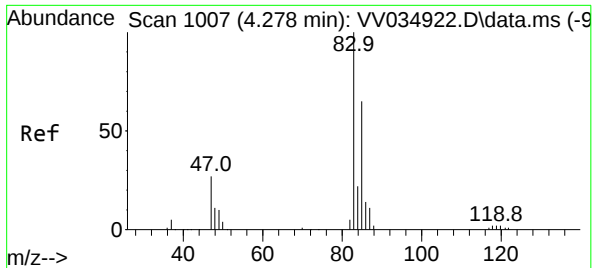
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



#23
Bromochloromethane
Concen: 5.282 ug/L
RT: 4.153 min Scan# 968
Delta R.T. 0.003 min
Lab File: VV034940.D
Acq: 02 Apr 2024 18:45

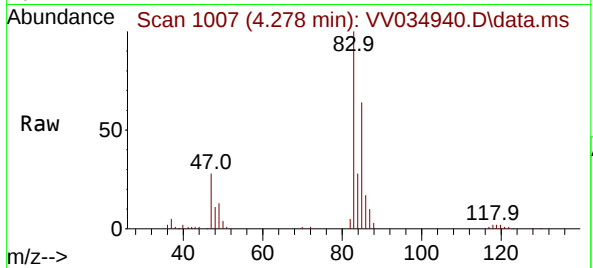
Tgt Ion:128 Resp: 32053
Ion Ratio Lower Upper
128 100
49 166.4 122.9 228.3
130 130.1 92.1 171.1
51 54.7 45.1 67.7





#25
Chloroform
Concen: 4.982 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. 0.000 min
Lab File: VV034940.D
Acq: 02 Apr 2024 18:45

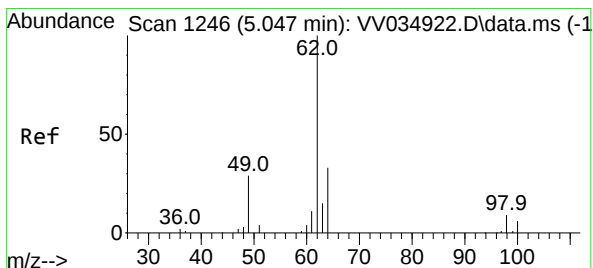
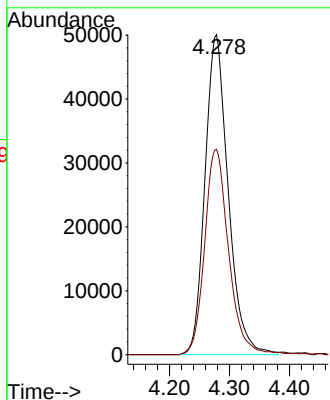
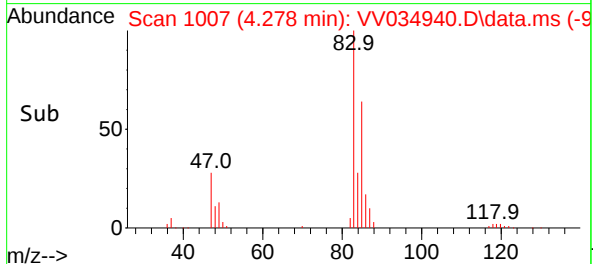
Instrument :
MSVOA_V
ClientSampleId :
PMW-9D(20240327)MS



Tgt Ion: 83 Resp: 134720
Ion Ratio Lower Upper
83 100
85 64.2 45.5 84.5

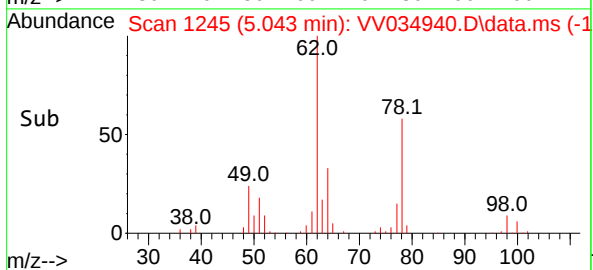
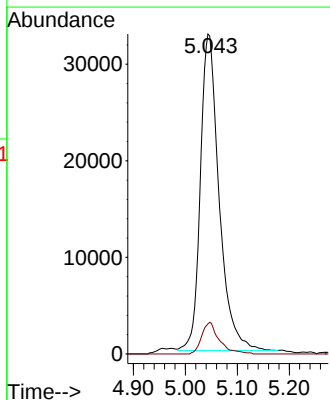
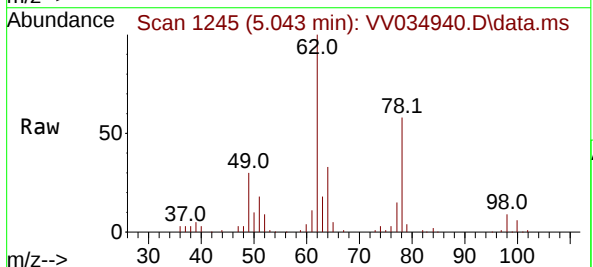
Manual Integrations
APPROVED

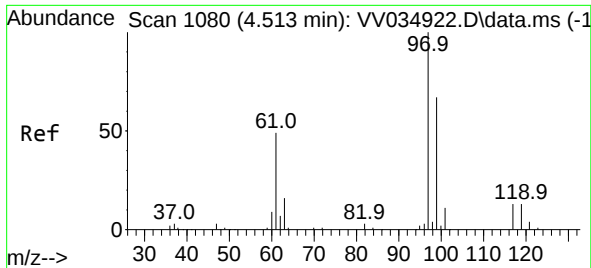
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



#27
1,2-Dichloroethane
Concen: 5.389 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. -0.003 min
Lab File: VV034940.D
Acq: 02 Apr 2024 18:45

Tgt Ion: 62 Resp: 82011
Ion Ratio Lower Upper
62 100
98 9.4 7.4 11.0





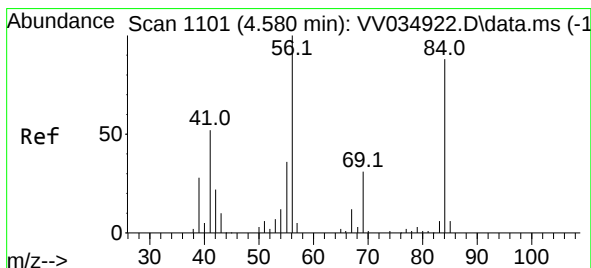
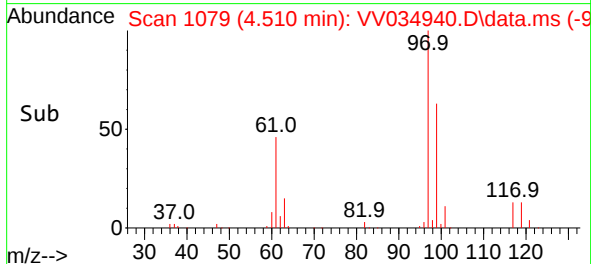
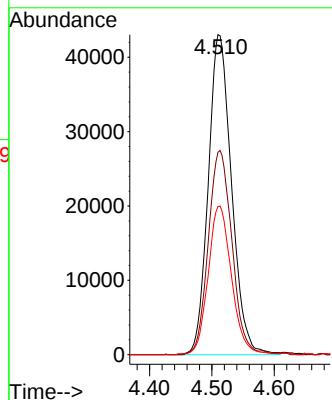
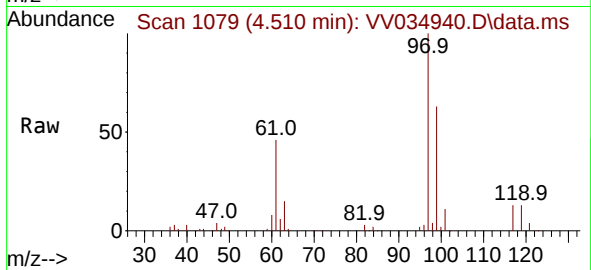
#29
1,1,1-Trichloroethane
Concen: 4.819 ug/L
RT: 4.510 min Scan# 1107
Delta R.T. -0.003 min
Lab File: VV034940.D
Acq: 02 Apr 2024 18:45

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

Tgt Ion: 97 Resp: 111800
Ion Ratio Lower Upper
97 100
99 64.8 52.1 78.1
61 46.7 38.7 58.1

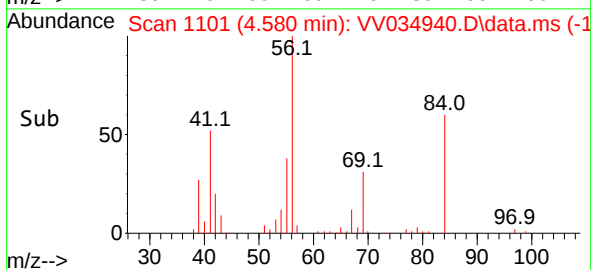
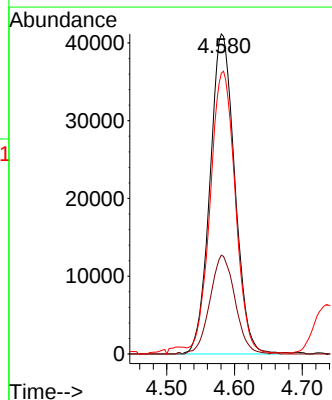
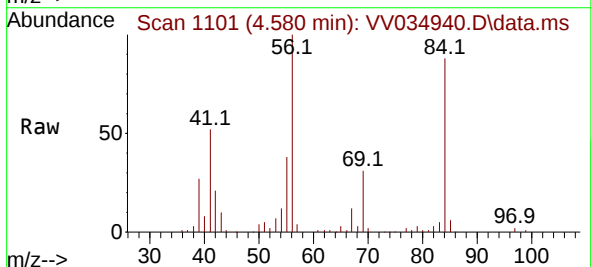
Manual Integrations
APPROVED

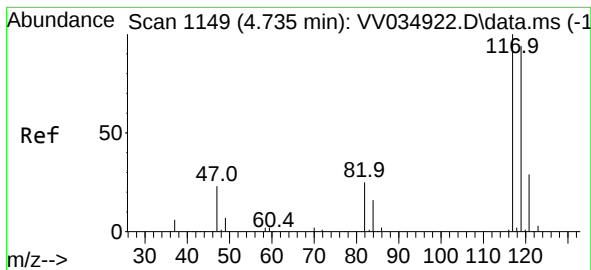
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



#30
Cyclohexane
Concen: 4.887 ug/L
RT: 4.580 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VV034940.D
Acq: 02 Apr 2024 18:45

Tgt Ion: 56 Resp: 104447
Ion Ratio Lower Upper
56 100
69 31.1 25.2 37.8
84 89.1 69.8 104.8





#31

Carbon tetrachloride

Concen: 4.857 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VV034940.D

Acq: 02 Apr 2024 18:45

Instrument :

MSVOA_V

ClientSampleId :

PMW-9D(20240327)MS

Tgt Ion:117 Resp: 96448

Ion Ratio Lower Upper

117 100

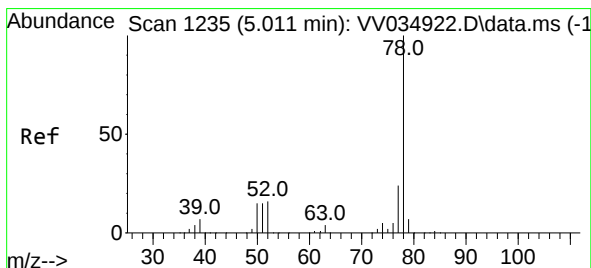
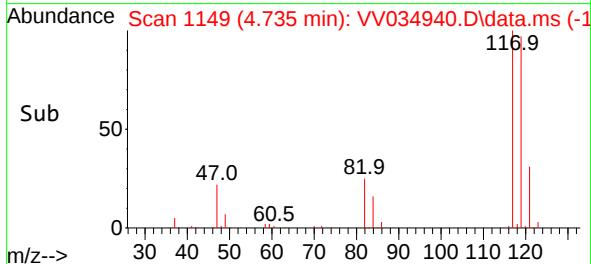
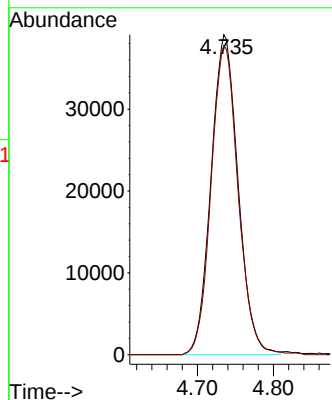
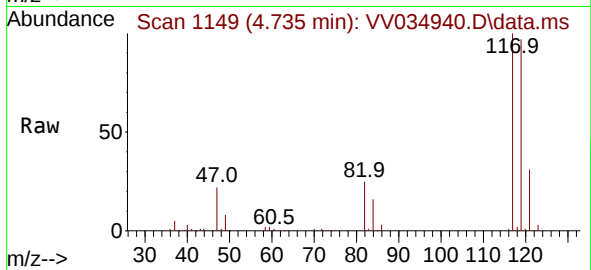
119 96.6 75.8 113.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/05/2024

Supervised By :Semsettin Yesilyurt 04/05/2024



#33

Benzene

Concen: 5.438 ug/L

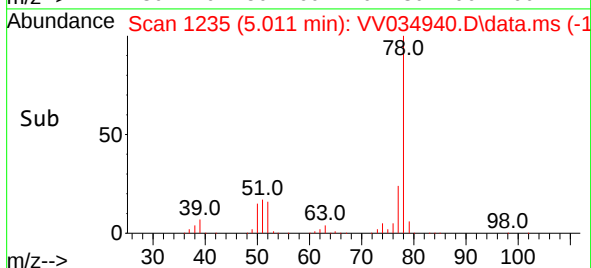
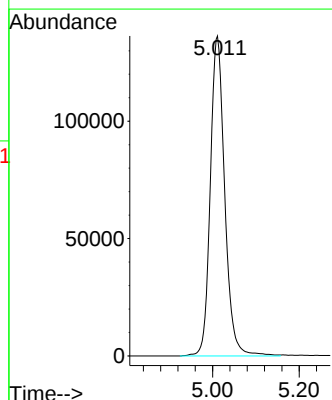
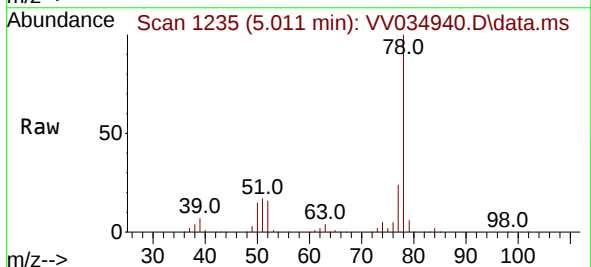
RT: 5.011 min Scan# 1235

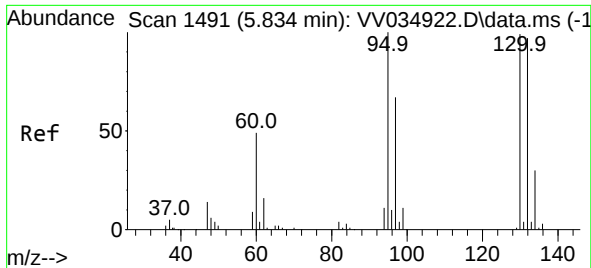
Delta R.T. 0.000 min

Lab File: VV034940.D

Acq: 02 Apr 2024 18:45

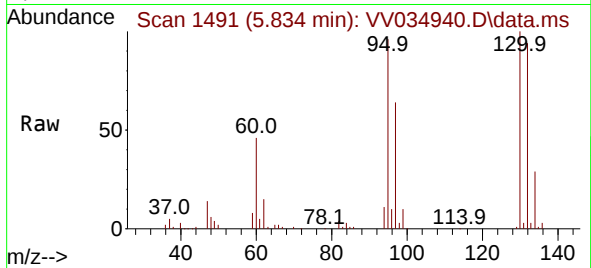
Tgt Ion: 78 Resp: 315153





#34
Trichloroethene
Concen: 4.919 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VV034940.D
Acq: 02 Apr 2024 18:45

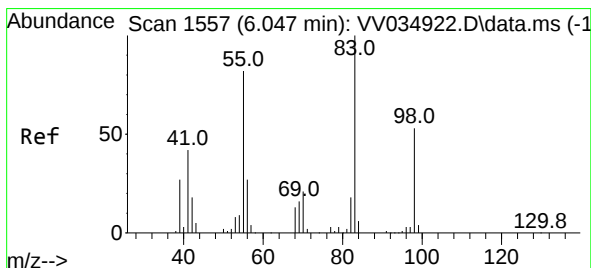
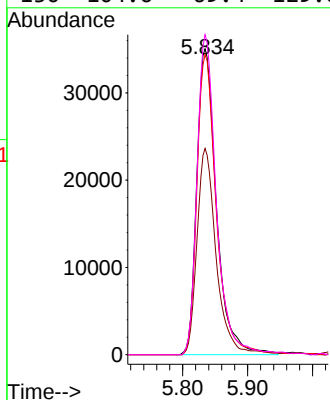
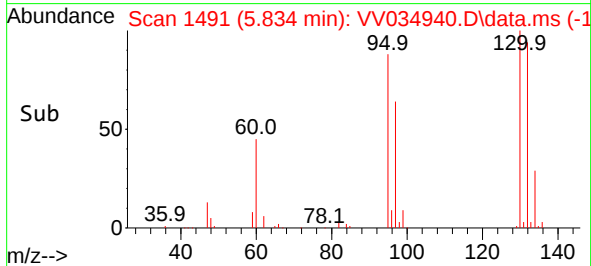
Instrument :
MSVOA_V
ClientSampleId :
PMW-9D(20240327)MS



Tgt Ion: 95 Resp: 74275
Ion Ratio Lower Upper
95 100
97 67.4 46.8 86.8
132 98.1 68.0 126.4
130 104.6 69.4 129.0

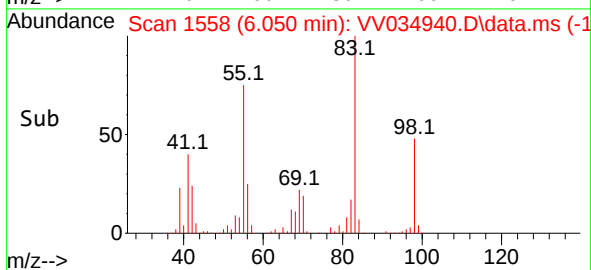
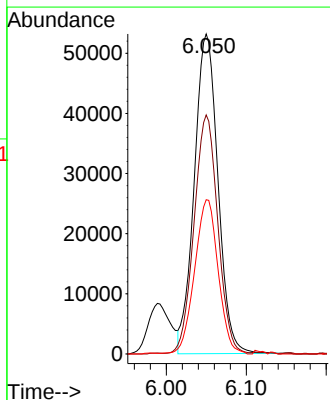
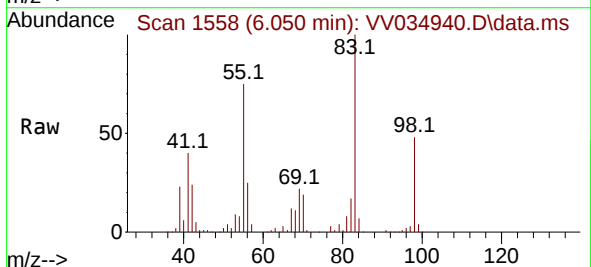
Manual Integrations
APPROVED

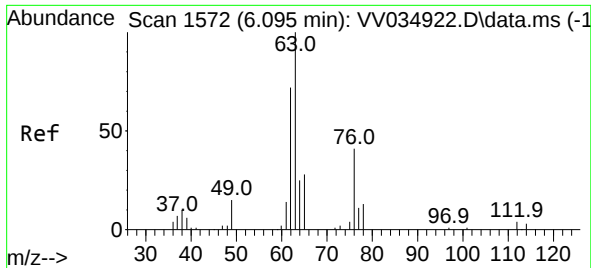
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



#35
Methylcyclohexane
Concen: 4.759 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.003 min
Lab File: VV034940.D
Acq: 02 Apr 2024 18:45

Tgt Ion: 83 Resp: 109453
Ion Ratio Lower Upper
83 100
55 74.5 60.6 91.0
98 48.1 37.8 56.6





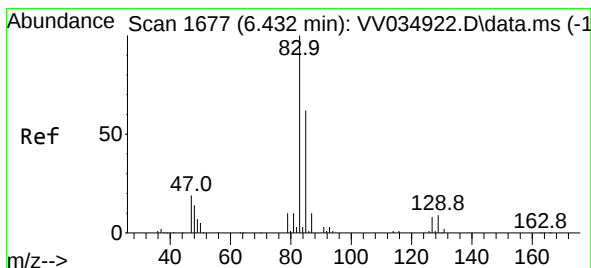
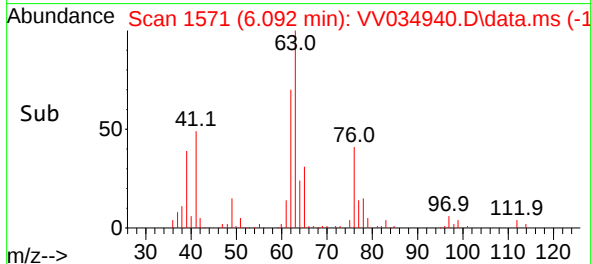
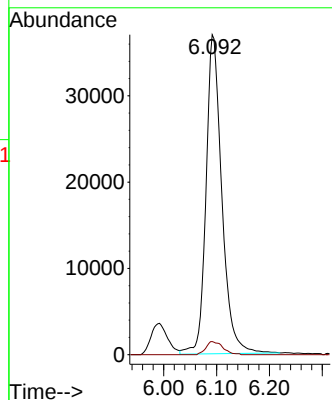
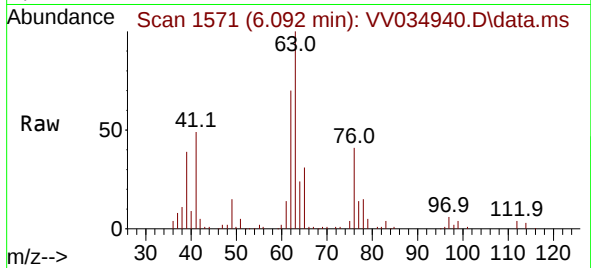
#37
1,2-Dichloropropane
Concen: 5.121 ug/L
RT: 6.092 min Scan# 1572
Delta R.T. -0.003 min
Lab File: VV034940.D
Acq: 02 Apr 2024 18:45

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

Tgt Ion: 63 Resp: 76952
Ion Ratio Lower Upper
63 100
112 4.4 3.5 5.3

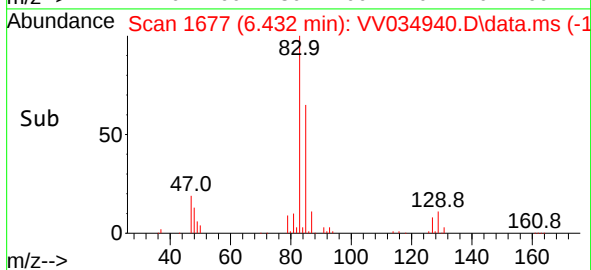
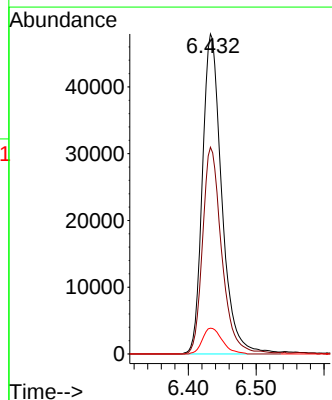
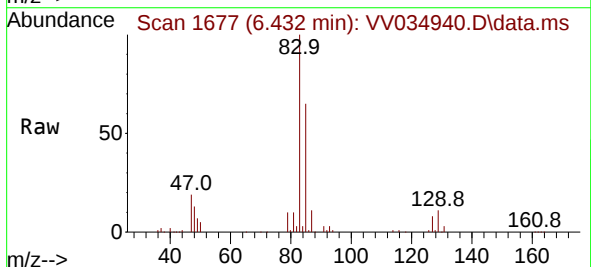
Manual Integrations
APPROVED

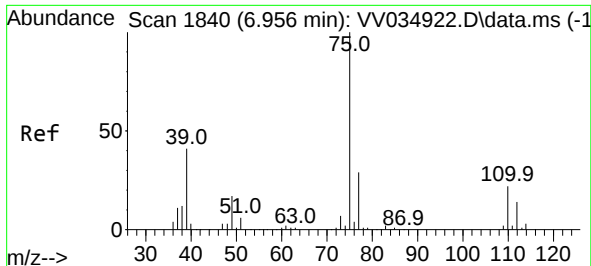
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



#38
Bromodichloromethane
Concen: 5.017 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VV034940.D
Acq: 02 Apr 2024 18:45

Tgt Ion: 83 Resp: 95118
Ion Ratio Lower Upper
83 100
85 64.6 43.6 81.0
127 8.1 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 5.129 ug/L

RT: 6.957 min Scan# 1840

Delta R.T. 0.000 min

Lab File: VV034940.D

Acq: 02 Apr 2024 18:45

Instrument :

MSVOA_V

ClientSampleId :

PMW-9D(20240327)MS

Tgt Ion: 75 Resp: 103534

Ion Ratio Lower Upper

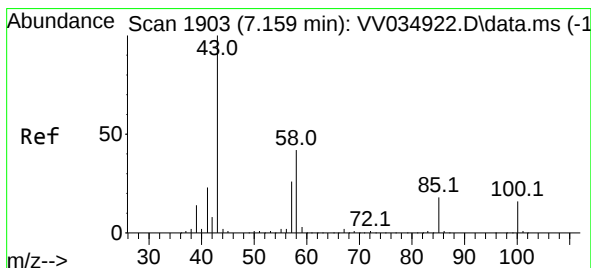
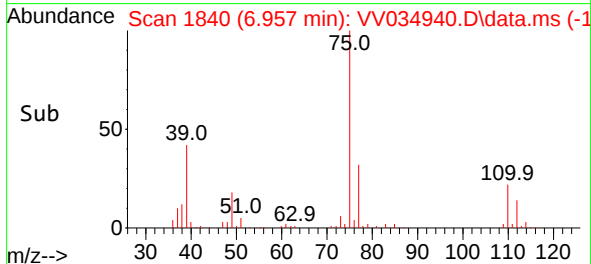
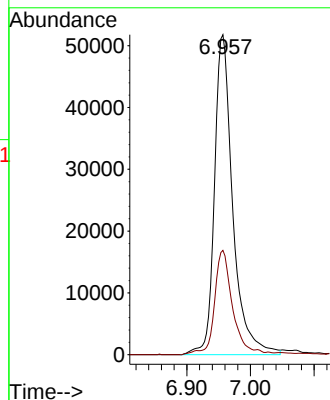
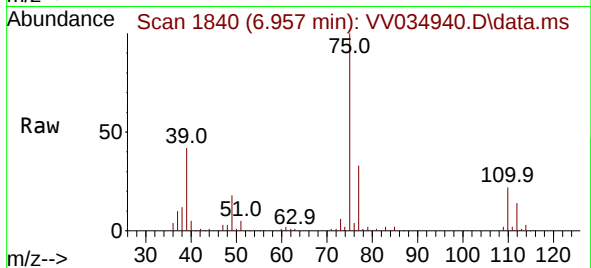
75 100

77 32.6 20.6 38.4

Manual Integrations

APPROVED

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



#40

4-Methyl-2-pentanone

Concen: 58.174 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV034940.D

Acq: 02 Apr 2024 18:45

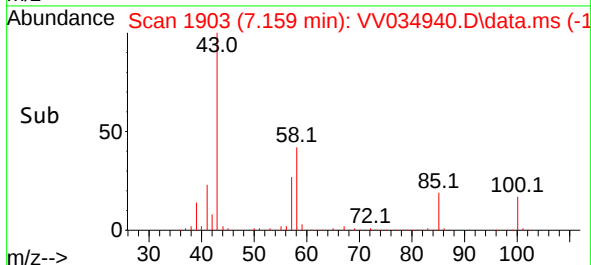
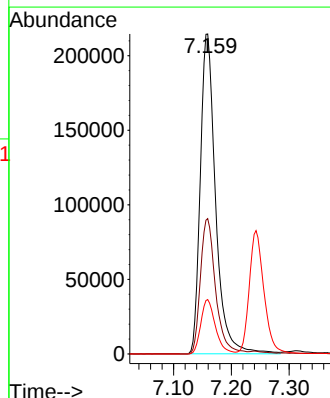
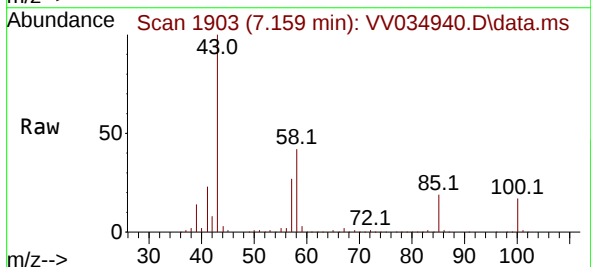
Tgt Ion: 43 Resp: 394428

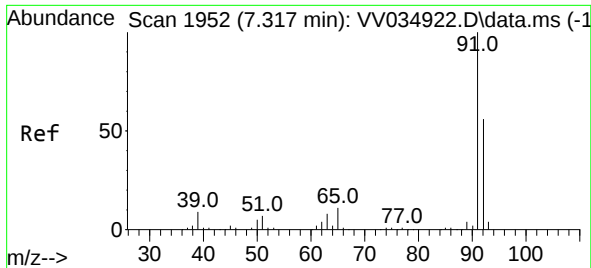
Ion Ratio Lower Upper

43 100

58 42.0 33.8 50.6

100 16.3 11.9 17.9





#42

Toluene

Concen: 5.161 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.003 min

Lab File: VV034940.D

Acq: 02 Apr 2024 18:45

Instrument :

MSVOA_V

ClientSampleId :

PMW-9D(20240327)MS

Tgt Ion: 91 Resp: 31439

Ion Ratio Lower Upper

91 100

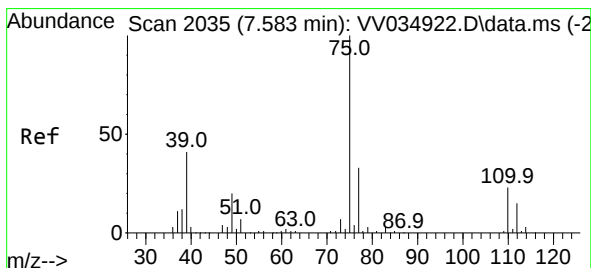
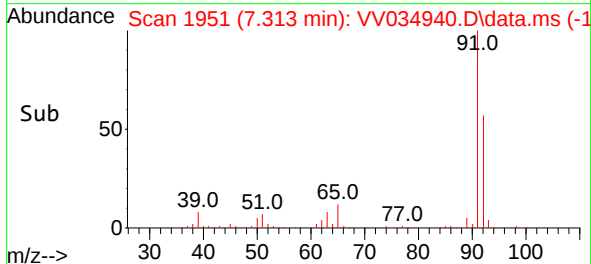
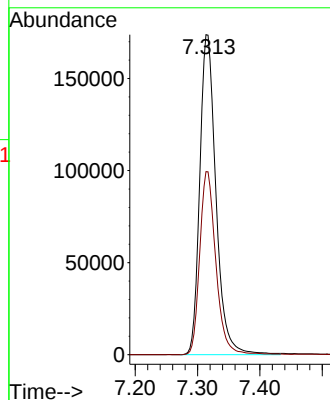
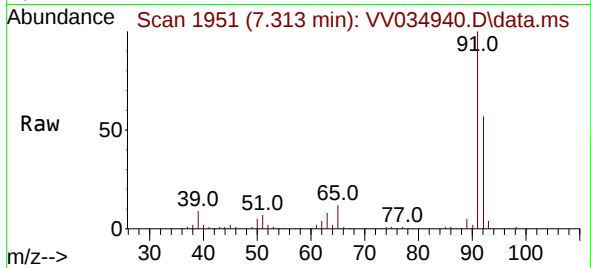
92 57.2 38.9 72.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/05/2024

Supervised By :Semsettin Yesilyurt 04/05/2024



#44

trans-1,3-Dichloropropene

Concen: 5.171 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV034940.D

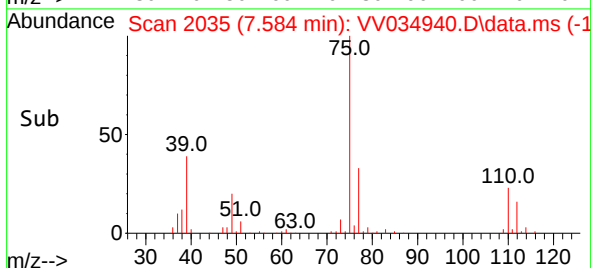
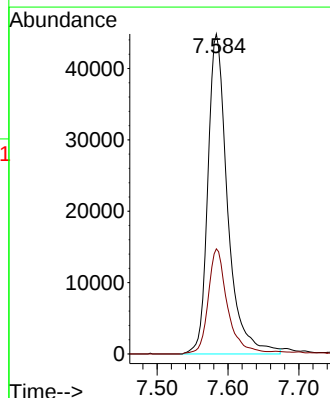
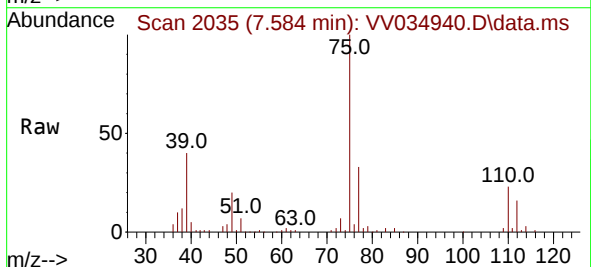
Acq: 02 Apr 2024 18:45

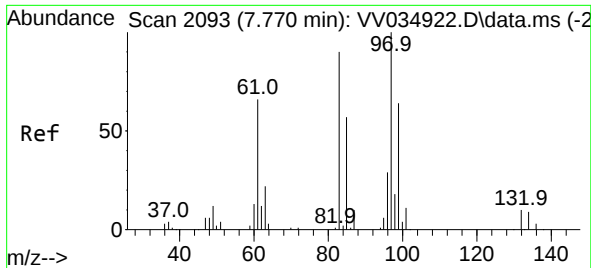
Tgt Ion: 75 Resp: 86532

Ion Ratio Lower Upper

75 100

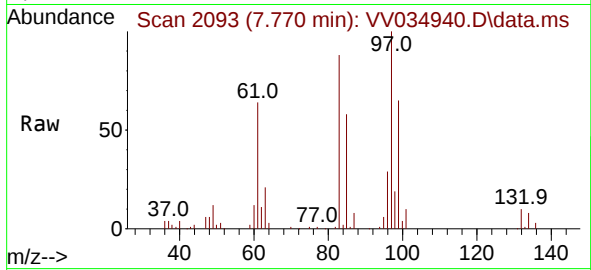
77 32.9 22.7 42.3





#45
1,1,2-Trichloroethane
Concen: 5.289 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. 0.000 min
Lab File: VV034940.D
Acq: 02 Apr 2024 18:45

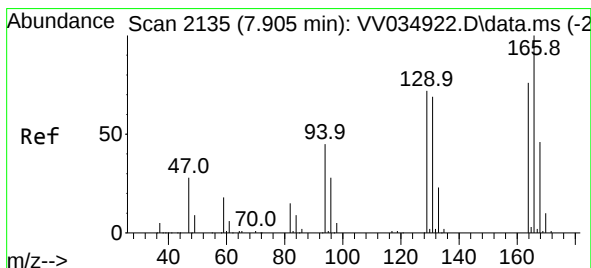
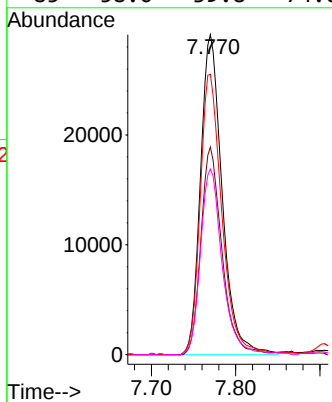
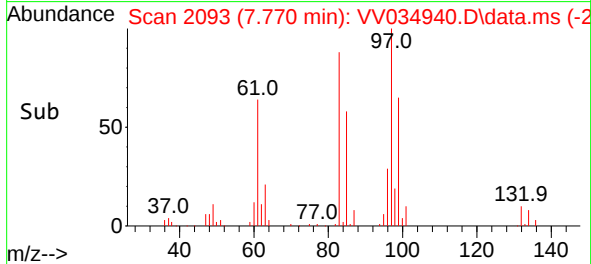
Instrument :
MSVOA_V
ClientSampleId :
PMW-9D(20240327)MS



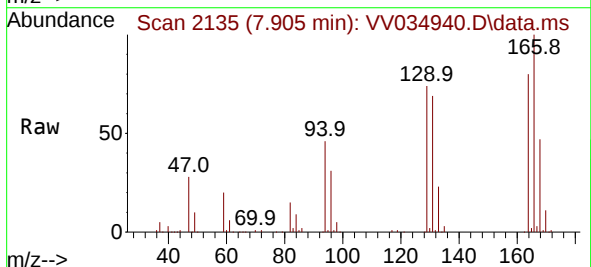
Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	44.5	82.7
83	87.6	63.2	117.4
85	58.0	39.8	74.0

Manual Integrations
APPROVED

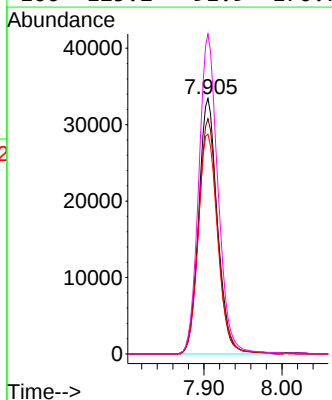
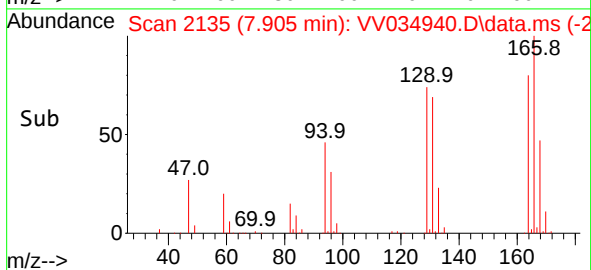
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024

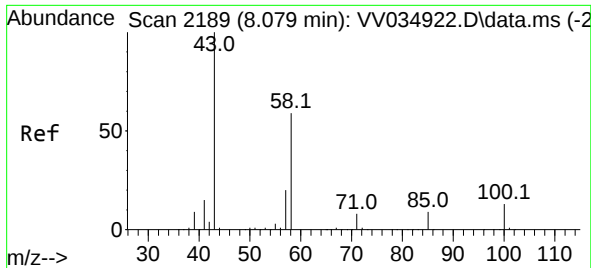


#47
Tetrachloroethene
Concen: 4.933 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV034940.D
Acq: 02 Apr 2024 18:45



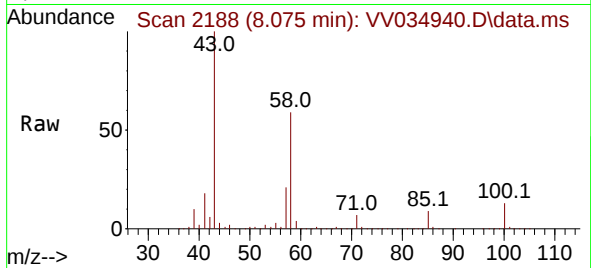
Tgt Ion	Ratio	Lower	Upper
164	100		
129	92.2	66.0	122.6
131	86.1	63.0	117.0
166	125.2	91.9	170.7





#48
2-Hexanone
Concen: 57.624 ug/L
RT: 8.075 min Scan# 2189
Delta R.T. -0.003 min
Lab File: VV034940.D
Acq: 02 Apr 2024 18:45

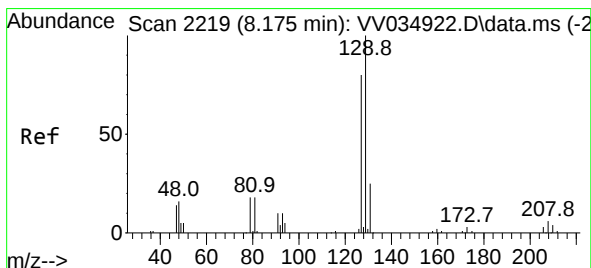
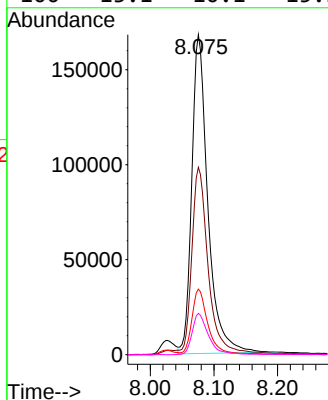
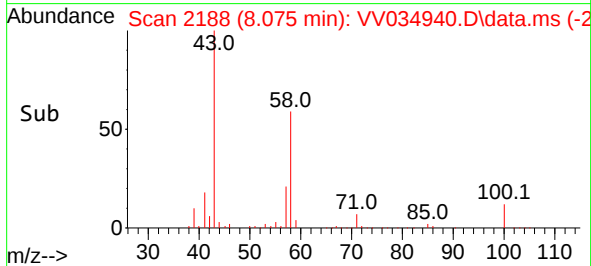
Instrument :
MSVOA_V
ClientSampleId :
PMW-9D(20240327)MS



Tgt Ion: 43 Resp: 294950
Ion Ratio Lower Upper
43 100
58 59.6 48.2 72.4
57 20.3 15.6 23.4
100 13.1 10.1 15.1

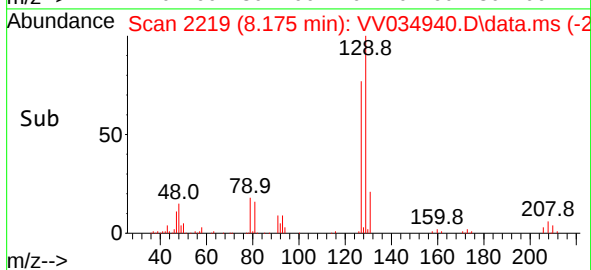
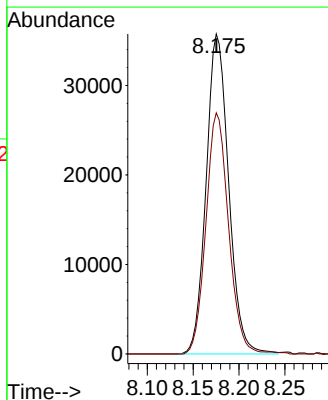
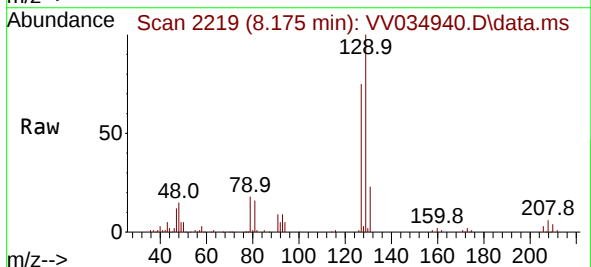
Manual Integrations
APPROVED

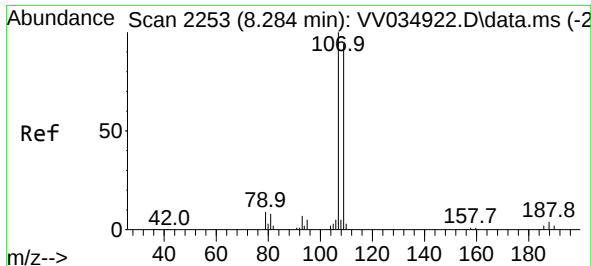
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



#49
Dibromochloromethane
Concen: 5.257 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV034940.D
Acq: 02 Apr 2024 18:45

Tgt Ion:129 Resp: 61094
Ion Ratio Lower Upper
129 100
127 75.3 56.4 104.7





#50

1,2-Dibromoethane

Concen: 5.316 ug/L

RT: 8.281 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV034940.D

Acq: 02 Apr 2024 18:45

Instrument :

MSVOA_V

ClientSampleId :

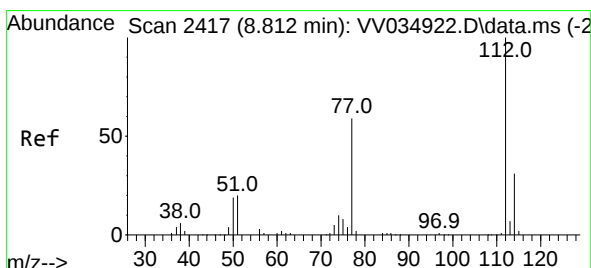
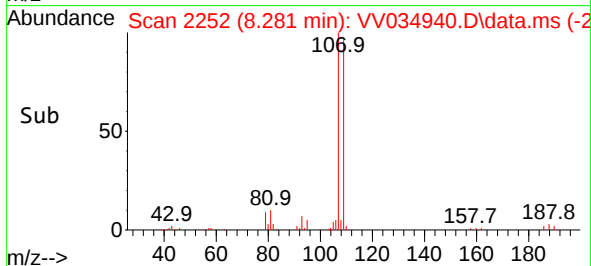
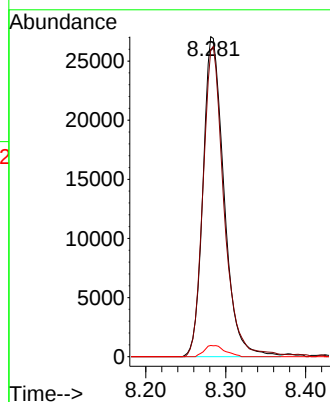
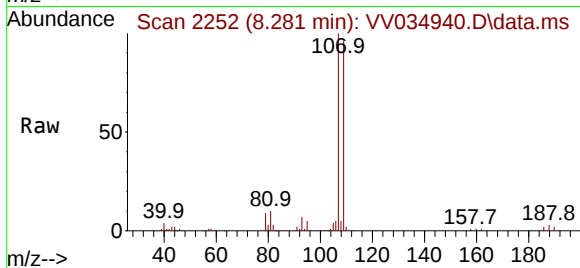
PMW-9D(20240327)MS

Tgt Ion:	107	Resp:	49419
Ion Ratio	Lower	Upper	
107	100		
109	95.9	66.1	122.8
188	3.5	3.2	4.8

Manual Integrations

APPROVED

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



#51

Chlorobenzene

Concen: 70.523 ug/L

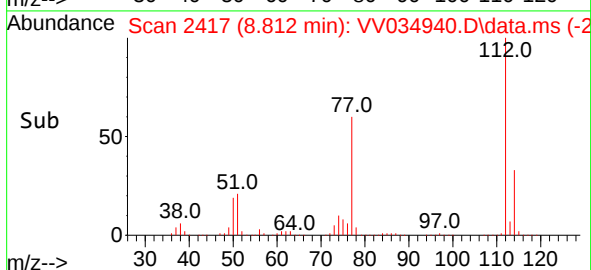
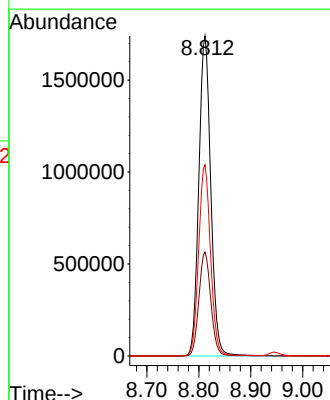
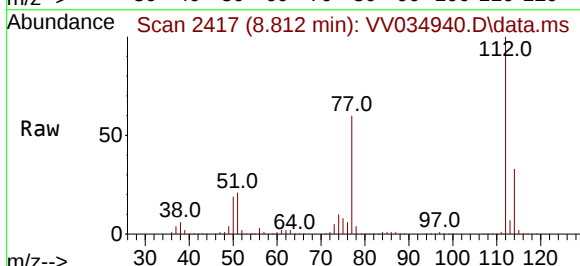
RT: 8.812 min Scan# 2417

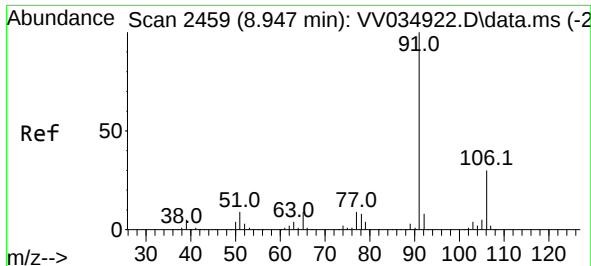
Delta R.T. 0.000 min

Lab File: VV034940.D

Acq: 02 Apr 2024 18:45

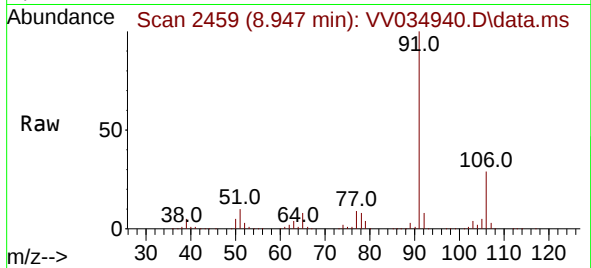
Tgt Ion:	112	Resp:	2775696
Ion Ratio	Lower	Upper	
112	100		
114	32.5	21.9	40.7
77	59.8	47.4	71.2





#52
Ethylbenzene
Concen: 5.279 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. 0.000 min
Lab File: VV034940.D
Acq: 02 Apr 2024 18:45

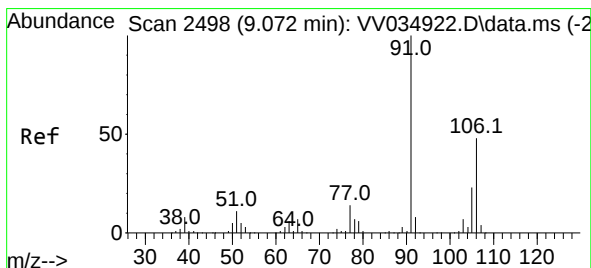
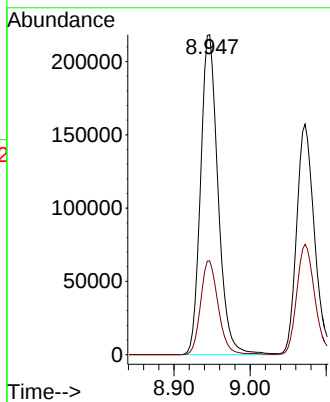
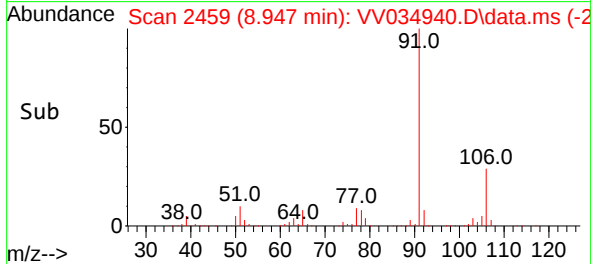
Instrument :
MSVOA_V
ClientSampleId :
PMW-9D(20240327)MS



Tgt Ion: 91 Resp: 34736
Ion Ratio Lower Upper
91 100
106 29.3 21.2 39.4

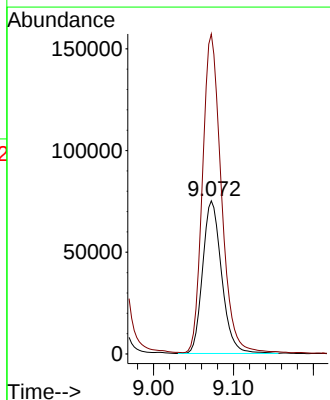
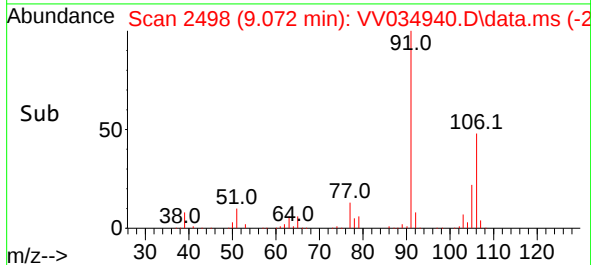
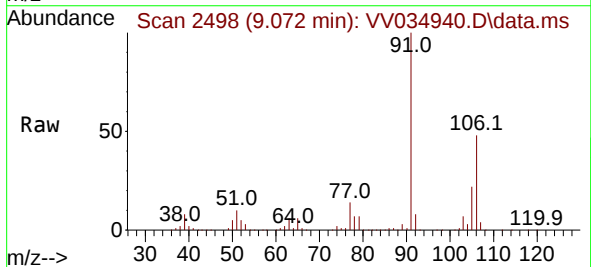
Manual Integrations
APPROVED

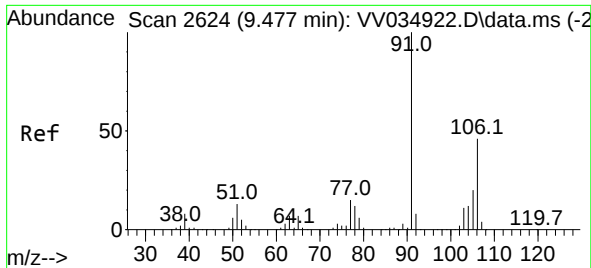
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



#53
m,p-Xylene
Concen: 5.132 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV034940.D
Acq: 02 Apr 2024 18:45

Tgt Ion:106 Resp: 124010
Ion Ratio Lower Upper
106 100
91 209.0 145.7 270.7





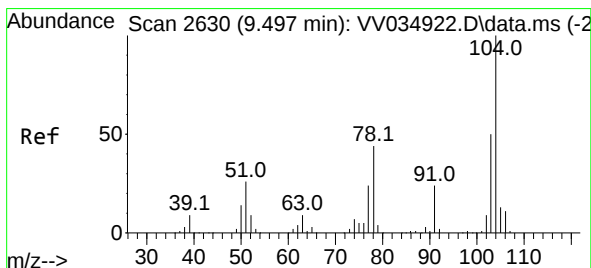
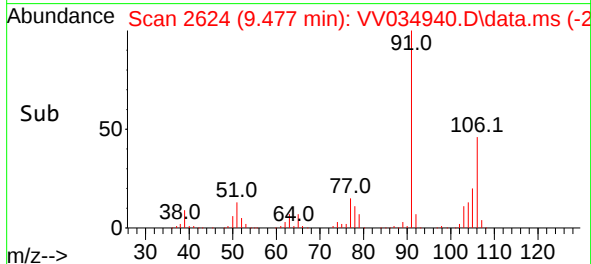
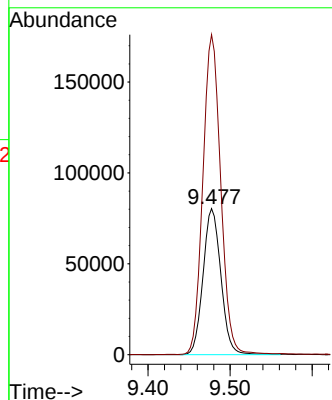
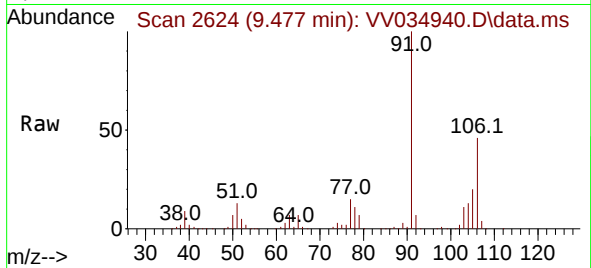
#54
o-Xylene
Concen: 5.118 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV034940.D
Acq: 02 Apr 2024 18:45

Instrument : MSVOA_V
ClientSampleId : VV034940.D
PMW-9D(20240327)MS

Tgt Ion:106 Resp: 12134
Ion Ratio Lower Upper
106 100
91 219.1 151.2 280.8

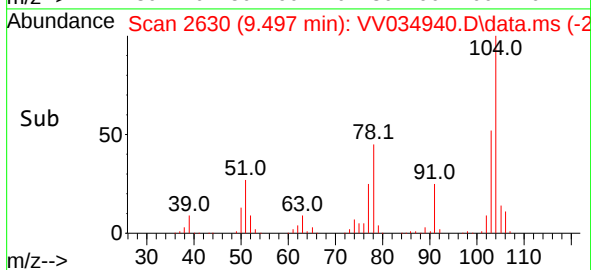
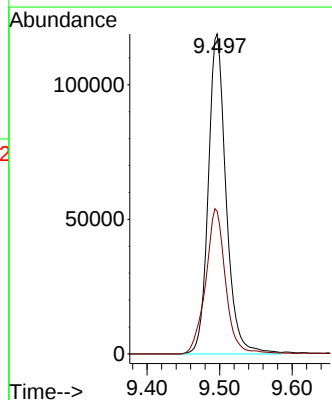
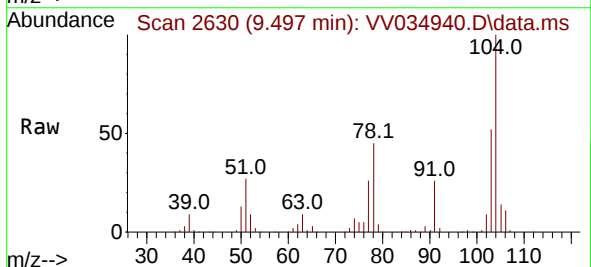
Manual Integrations
APPROVED

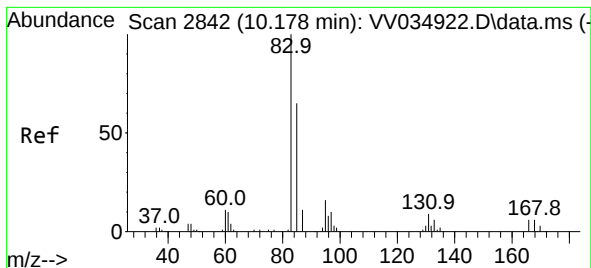
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



#55
Styrene
Concen: 5.325 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.000 min
Lab File: VV034940.D
Acq: 02 Apr 2024 18:45

Tgt Ion:104 Resp: 202970
Ion Ratio Lower Upper
104 100
78 44.6 30.9 57.5





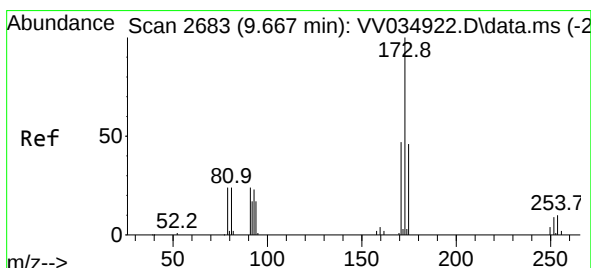
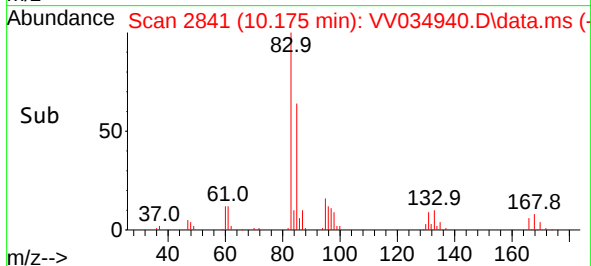
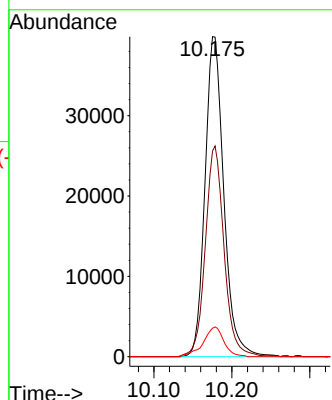
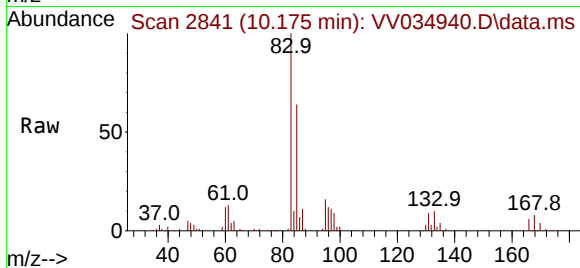
#57
1,1,2,2-Tetrachloroethane
Concen: 5.663 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. -0.003 min
Lab File: VV034940.D
Acq: 02 Apr 2024 18:45

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

Tgt Ion: 83 Resp: 66834
Ion Ratio Lower Upper
83 100
85 64.2 45.7 84.9
131 8.9 7.6 11.4

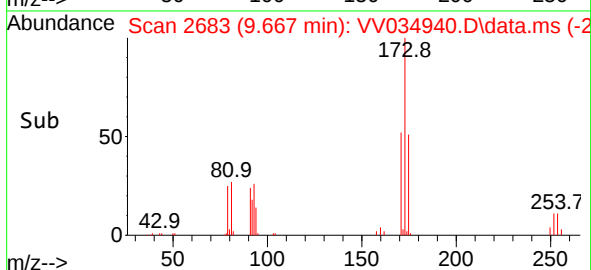
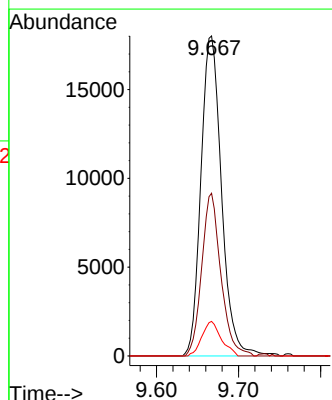
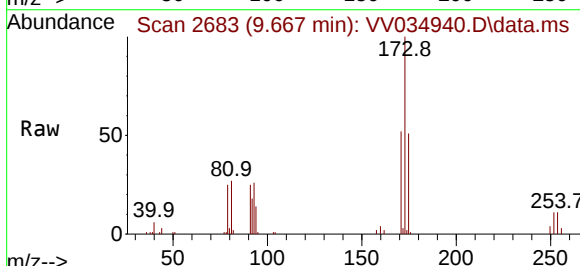
Manual Integrations
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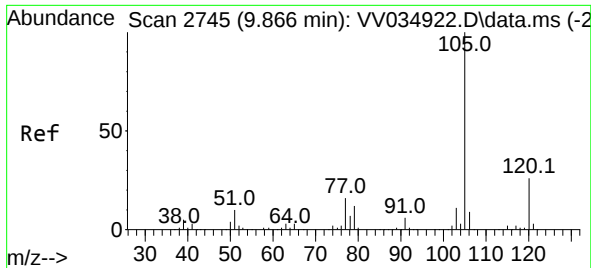
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



#59
Bromoform
Concen: 4.498 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.000 min
Lab File: VV034940.D
Acq: 02 Apr 2024 18:45

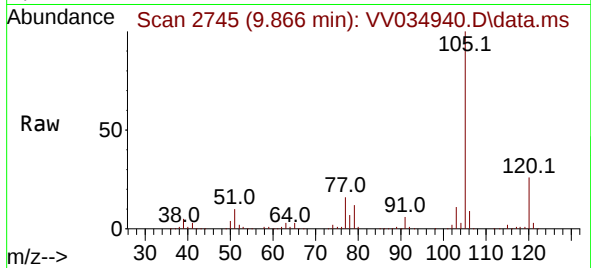
Tgt Ion:173 Resp: 31431
Ion Ratio Lower Upper
173 100
175 47.2 37.8 56.8
254 10.1 7.8 11.6





#60
Isopropylbenzene
Concen: 4.353 ug/L
RT: 9.866 min Scan# 2745
Delta R.T. 0.000 min
Lab File: VV034940.D
Acq: 02 Apr 2024 18:45

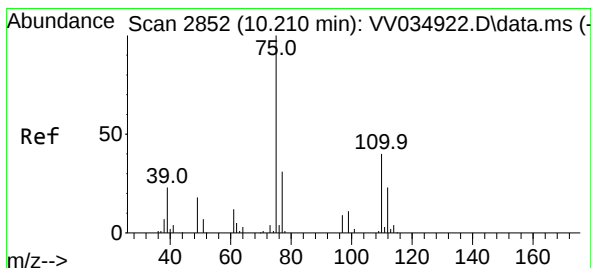
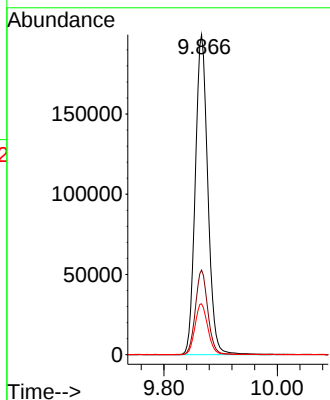
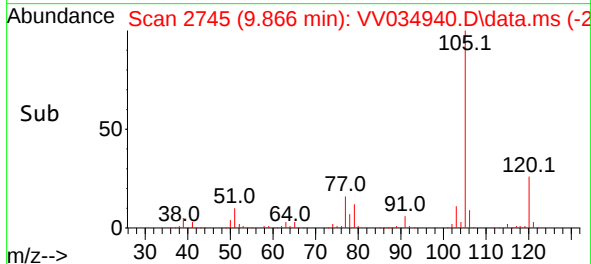
Instrument :
MSVOA_V
ClientSampleId :
PMW-9D(20240327)MS



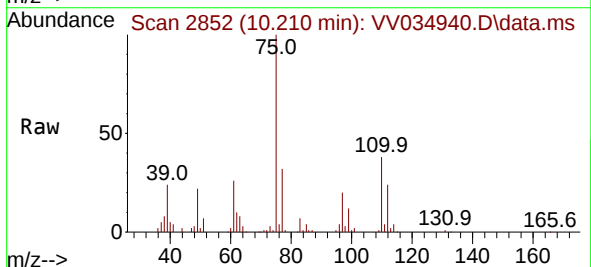
Tgt Ion:105 Resp: 30588
Ion Ratio Lower Upper
105 100
120 26.4 21.0 31.4
77 0.0 13.4 20.2

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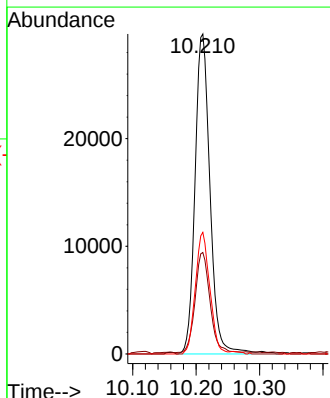
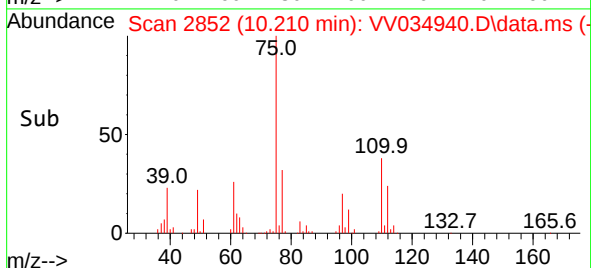
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024

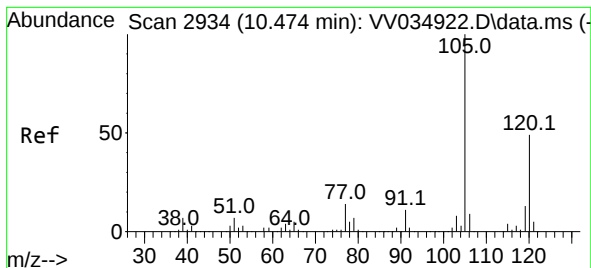


#61
1,2,3-Trichloropropane
Concen: 4.657 ug/L m
RT: 10.210 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VV034940.D
Acq: 02 Apr 2024 18:45



Tgt Ion: 75 Resp: 48872
Ion Ratio Lower Upper
75 100
77 0.0 24.8 37.2#
110 245.7 31.0 46.6#





#62

1,3,5-Trimethylbenzene

Concen: 4.433 ug/L

RT: 10.477 min Scan# 2934

Delta R.T. 0.003 min

Lab File: VV034940.D

Acq: 02 Apr 2024 18:45

Instrument :

MSVOA_V

ClientSampleId :

PMW-9D(20240327)MS

Tgt Ion:105 Resp: 255910

Ion Ratio Lower Upper

105 100

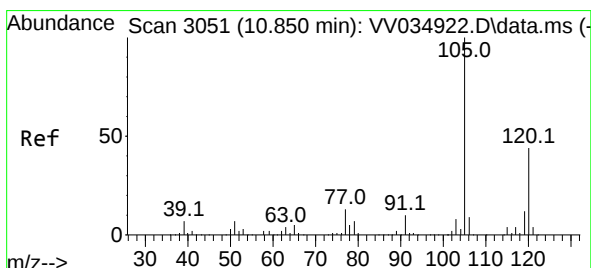
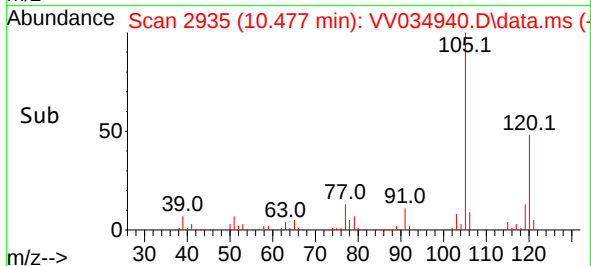
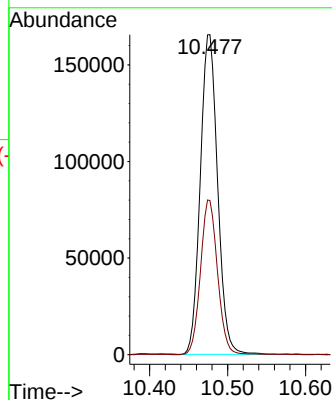
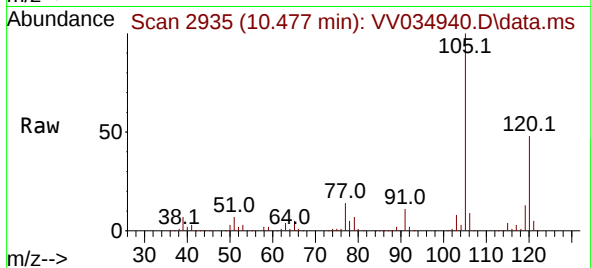
120 47.6 39.2 58.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/05/2024

Supervised By :Semsettin Yesilyurt 04/05/2024



#63

1,2,4-Trimethylbenzene

Concen: 4.606 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV034940.D

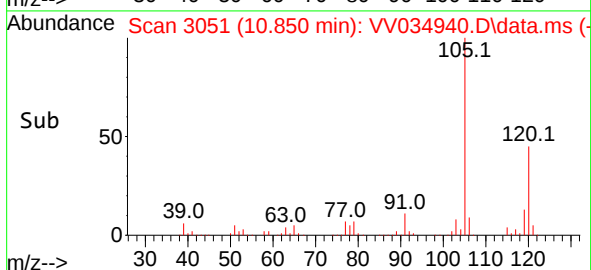
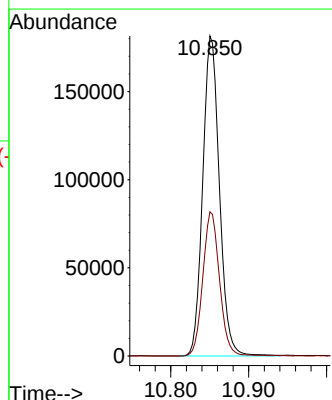
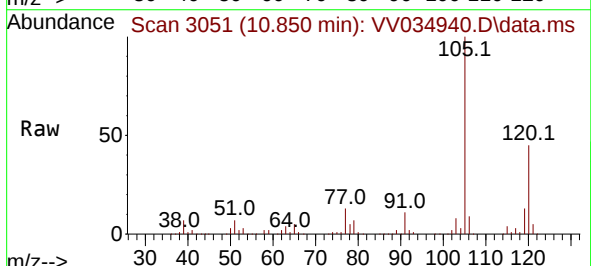
Acq: 02 Apr 2024 18:45

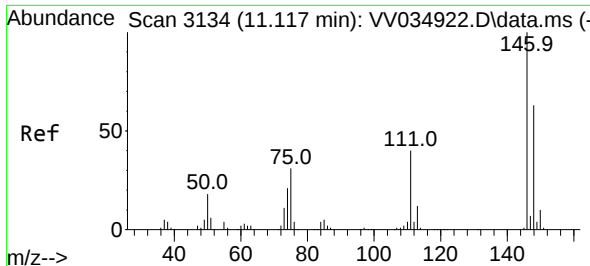
Tgt Ion:105 Resp: 269755

Ion Ratio Lower Upper

105 100

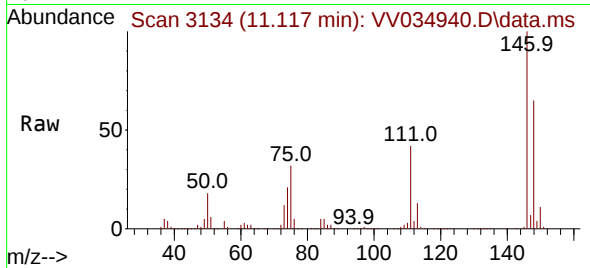
120 45.1 35.8 53.8





#64
1,3-Dichlorobenzene
Concen: 100.084 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VV034940.D
Acq: 02 Apr 2024 18:45

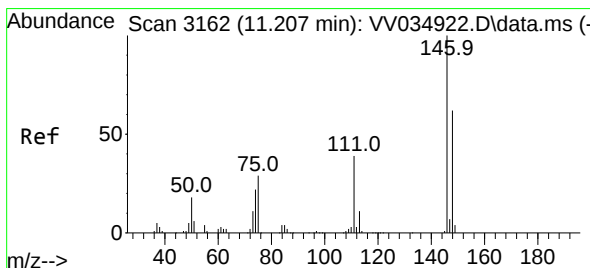
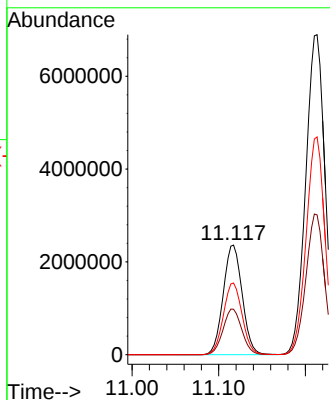
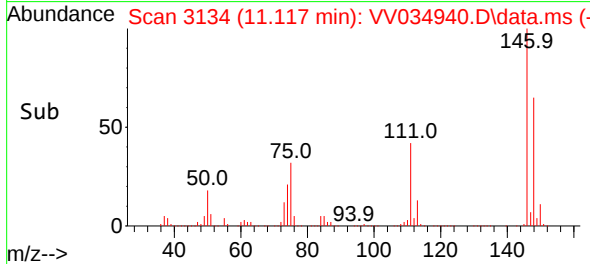
Instrument :
MSVOA_V
ClientSampleId :
PMW-9D(20240327)MS



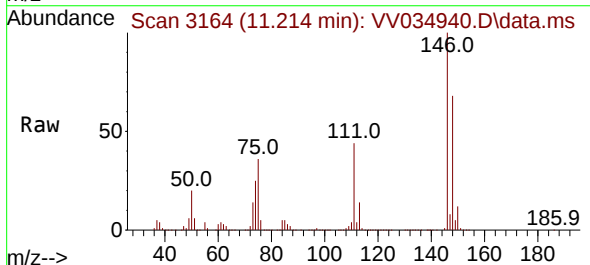
Tgt Ion:146 Resp: 3589078
Ion Ratio Lower Upper
146 100
111 41.5 27.7 51.5
148 65.4 44.0 81.8

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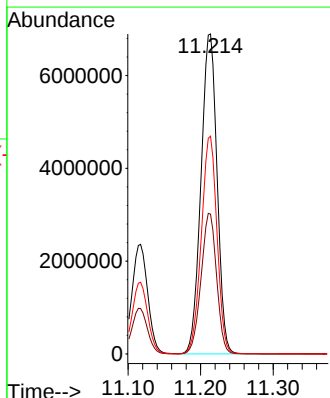
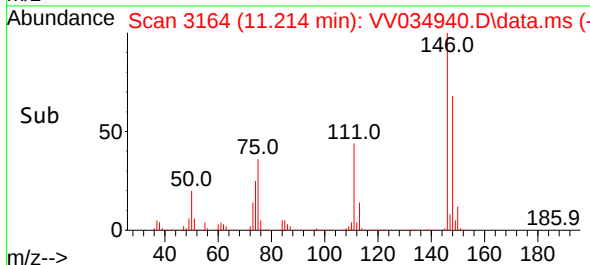
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024

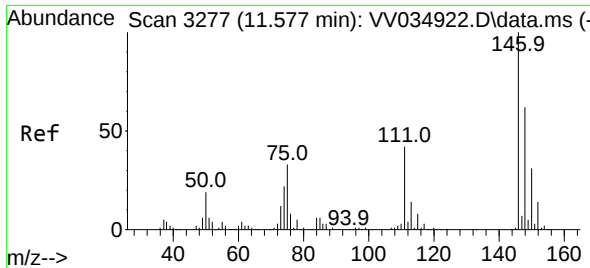


#65
1,4-Dichlorobenzene
Concen: 295.214 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.007 min
Lab File: VV034940.D
Acq: 02 Apr 2024 18:45



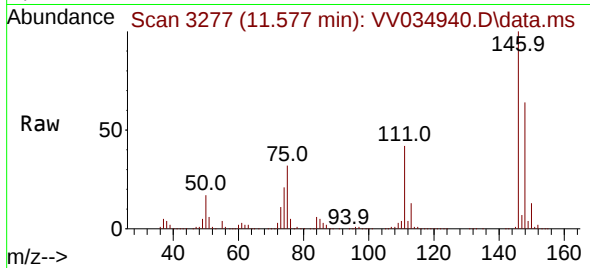
Tgt Ion:146 Resp:10602969
Ion Ratio Lower Upper
146 100
111 43.7 27.3 50.7
148 68.0 43.5 80.7





#67
1,2-Dichlorobenzene
Concen: 33.528 ug/L
RT: 11.577 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VV034940.D
Acq: 02 Apr 2024 18:45

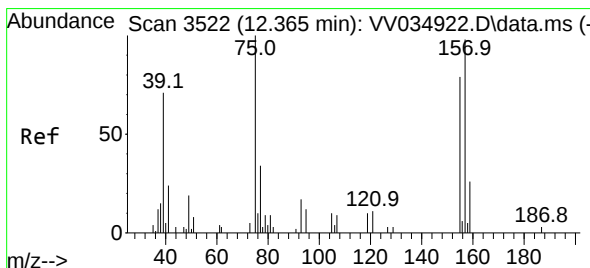
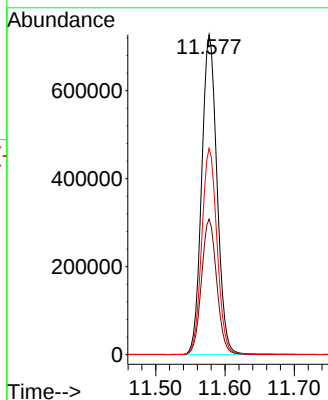
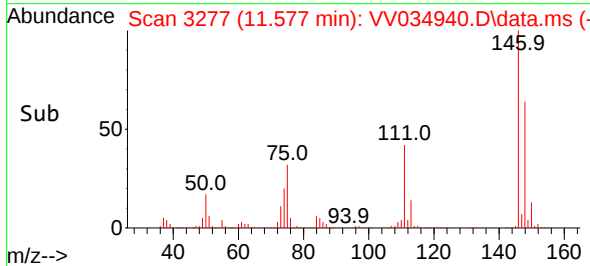
Instrument :
MSVOA_V
ClientSampleId :
PMW-9D(20240327)MS



Tgt Ion:146 Resp: 111072
Ion Ratio Lower Upper
146 100
111 42.4 33.9 50.9
148 64.4 49.3 73.9

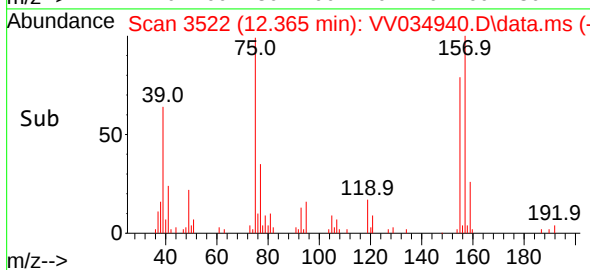
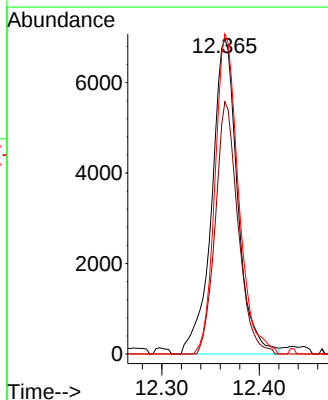
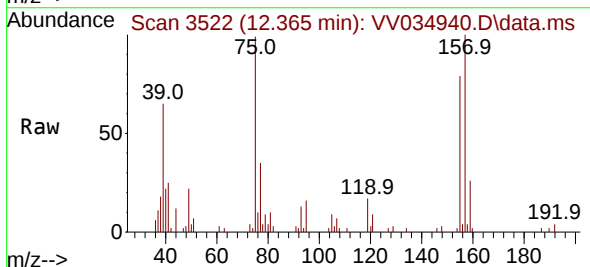
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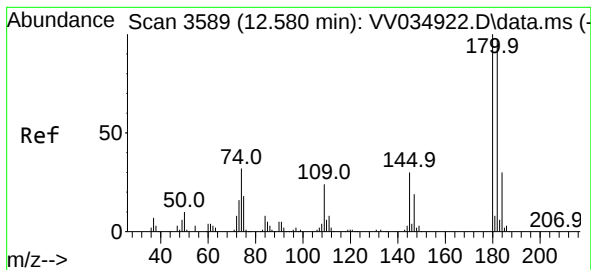
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



#68
1,2-Dibromo-3-chloropropane
Concen: 5.934 ug/L
RT: 12.365 min Scan# 3522
Delta R.T. 0.000 min
Lab File: VV034940.D
Acq: 02 Apr 2024 18:45

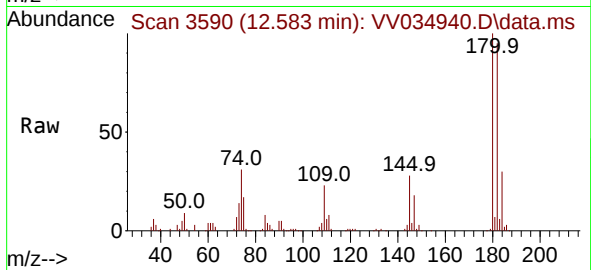
Tgt Ion: 75 Resp: 12803
Ion Ratio Lower Upper
75 100
155 79.9 63.4 95.0
157 101.4 78.6 117.8





#69
1,3,5-Trichlorobenzene
Concen: 5.578 ug/L
RT: 12.583 min Scan# 3589
Delta R.T. 0.003 min
Lab File: VV034940.D
Acq: 02 Apr 2024 18:45

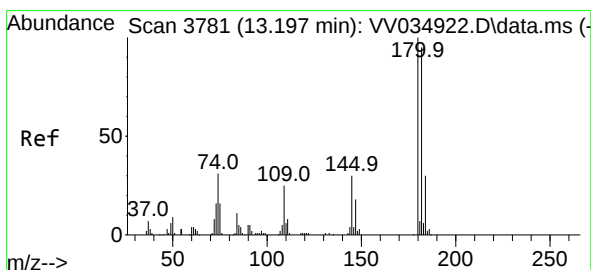
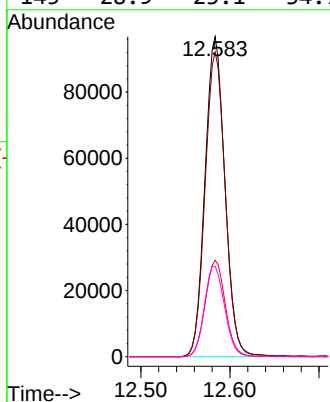
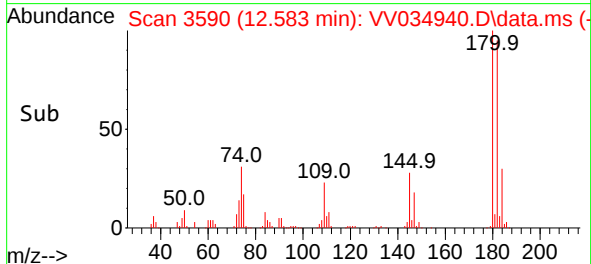
Instrument :
MSVOA_V
ClientSampleId :
PMW-9D(20240327)MS



Tgt Ion:180 Resp: 150190
Ion Ratio Lower Upper
180 100
182 96.1 77.3 115.9
184 30.2 24.1 36.1
145 28.9 23.1 34.7

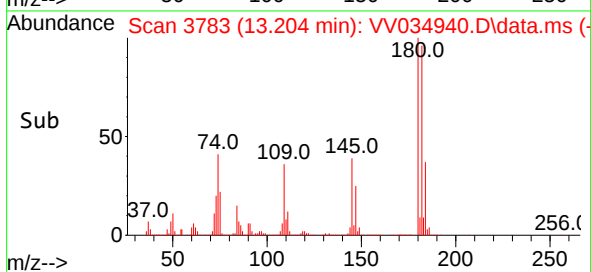
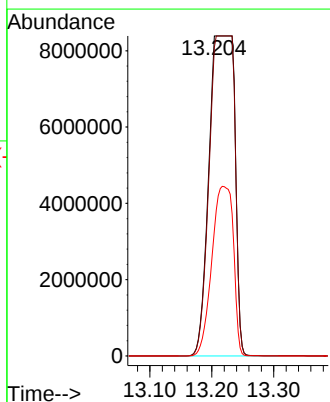
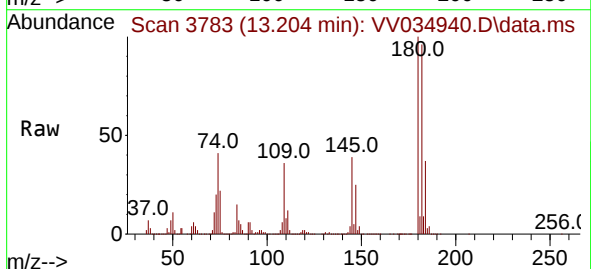
Manual Integrations
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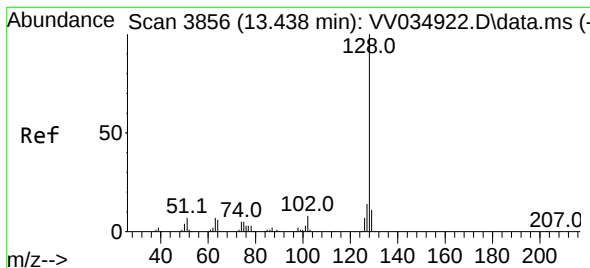
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



#70
1,2,4-trichlorobenzene
Concen: 1156.394 ug/L m
RT: 13.204 min Scan# 3783
Delta R.T. 0.007 min
Lab File: VV034940.D
Acq: 02 Apr 2024 18:45

Tgt Ion:180 Resp:24187426
Ion Ratio Lower Upper
180 100
182 0.0 75.3 112.9#
145 0.0 23.4 35.0#





#71

Naphthalene

Concen: 5.483 ug/L

RT: 13.442 min Scan# 3856

Delta R.T. 0.003 min

Lab File: VV034940.D

Acq: 02 Apr 2024 18:45

Instrument :

MSVOA_V

ClientSampleId :

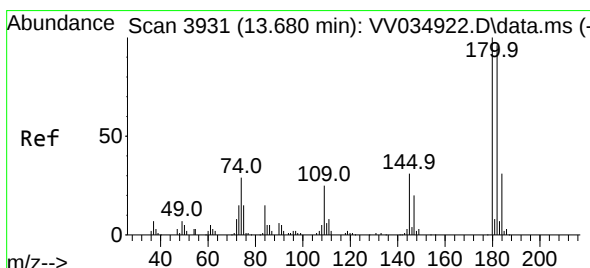
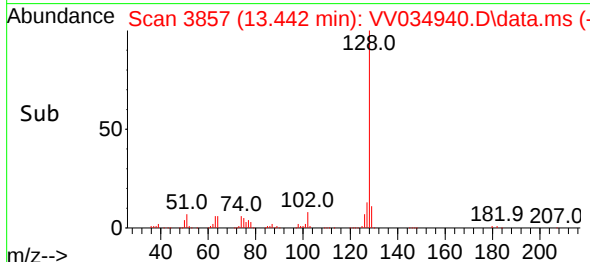
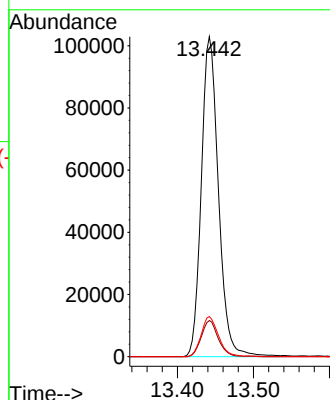
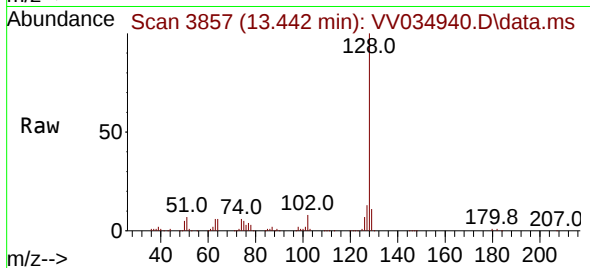
PMW-9D(20240327)MS

Tgt Ion:	128	Resp:	16116
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.6	12.8
127	12.7	10.7	16.1

Manual Integrations

APPROVED

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



#72

1,2,3-Trichlorobenzene

Concen: 103.455 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

Lab File: VV034940.D

Acq: 02 Apr 2024 18:45

Tgt Ion:	180	Resp:	1903074
Ion Ratio	Lower	Upper	
180	100		
182	95.5	77.0	115.4
145	31.7	25.4	38.2

