

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040224\
 Data File : VW034941.D
 Acq On : 02 Apr 2024 19:09
 Operator : SY/MD
 Sample : P1925-10MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Apr 03 05:23:31 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	188008	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	189064	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	109010	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	71959	4.644	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.800%
7) Chloroethane-d5	1.535	69	59653	4.670	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.059	65	32378	4.601	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.000%
20) 2-Butanone-d5	3.812	46	145824	60.150	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.300%
24) Chloroform-d	4.249	84	126347	5.039	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	4.947	65	59914	5.292	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	4.960	84	250597	5.067	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
36) 1,2-Dichloropropane-d6	5.989	67	75805	5.222	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.243	98	230927	5.140	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
43) trans-1,3-Dichloroprop...	7.558	79	27514	5.336	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.800%
46) 2-Hexanone-d5	8.027	63	120981	68.360	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	136.720%#
56) 1,1,2,2-Tetrachloroeth...	10.152	84	59759	5.900	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	83000	4.834	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	70763	4.891	ug/L	100
3) Chloromethane	1.217	50	82908	4.724	ug/L	98
5) Vinyl chloride	1.285	62	89650	4.776	ug/L	99
6) Bromomethane	1.490	94	49897	4.656	ug/L	100
8) Chloroethane	1.551	64	57622	4.776	ug/L	100
9) Trichlorofluoromethane	1.715	101	122229	4.899	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	74508	4.875	ug/L	98
12) 1,1-Dichloroethene	2.069	96	68457	4.796	ug/L	95
13) Acetone	2.137	43	111291	62.930	ug/L	74
14) Carbon disulfide	2.243	76	201397	4.736	ug/L	100
15) Methyl Acetate	2.387	43	26094	5.346	ug/L	# 89
16) Methylene chloride	2.449	84	78949	5.041	ug/L	96
17) Methyl tert-butyl Ether	2.706	73	170565	5.549	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	71227	5.034	ug/L	96
19) 1,1-Dichloroethane	3.114	63	141492	5.069	ug/L	99
21) 2-Butanone	3.892	43	159512	56.277	ug/L	# 76
22) cis-1,2-Dichloroethene	3.815	96	95157	6.422	ug/L	100
23) Bromochloromethane	4.153	128	32641	5.247	ug/L	94
25) Chloroform	4.278	83	138158	4.984	ug/L	100

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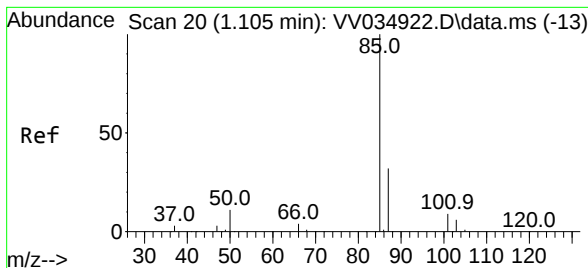
Quant Time: Apr 03 05:23:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
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Manual Integrations
 APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	83962	5.382	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	115312	4.976	ug/L	98
30) Cyclohexane	4.583	56	108515	5.084	ug/L	98
31) Carbon tetrachloride	4.735	117	99481	5.017	ug/L	100
33) Benzene	5.011	78	321202	5.549	ug/L	100
34) Trichloroethene	5.834	95	77895	5.165	ug/L	96
35) Methylcyclohexane	6.050	83	114590	4.989	ug/L	99
37) 1,2-Dichloropropane	6.095	63	76710	5.111	ug/L	99
38) Bromodichloromethane	6.432	83	97392	5.144	ug/L	97
39) cis-1,3-Dichloropropene	6.956	75	106486	5.282	ug/L	95
40) 4-Methyl-2-pentanone	7.156	43	403072	59.525	ug/L	99
42) Toluene	7.316	91	323480	5.317	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	90110	5.392	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	54007	5.477	ug/L	98
47) Tetrachloroethene	7.905	164	57934	5.113	ug/L	97
48) 2-Hexanone	8.075	43	301761	59.031	ug/L	99
49) Dibromochloromethane	8.175	129	61414	5.291	ug/L	97
50) 1,2-Dibromoethane	8.284	107	51182	5.513	ug/L	97
51) Chlorobenzene	8.812	112	2763654	70.307	ug/L	98
52) Ethylbenzene	8.947	91	355253	5.406	ug/L	100
53) m,p-Xylene	9.072	106	128403	5.321	ug/L	98
54) o-Xylene	9.477	106	124320	5.251	ug/L	96
55) Styrene	9.496	104	207639	5.455	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.178	83	68737	5.832	ug/L	98
59) Bromoform	9.667	173	32360	4.776	ug/L	97
60) Isopropylbenzene	9.866	105	317197	4.655	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	51461m	5.057	ug/L	
62) 1,3,5-Trimethylbenzene	10.474	105	260839	4.660	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	278333	4.902	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	3530504	101.533	ug/L	97
65) 1,4-Dichlorobenzene	11.213	146	10416741	299.109	ug/L	92
67) 1,2-Dichlorobenzene	11.577	146	1106474	34.445	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	13391	6.401	ug/L	91
69) 1,3,5-Trichlorobenzene	12.583	180	152591	5.845	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	23595360m	1163.407	ug/L	
71) Naphthalene	13.442	128	180132	6.320	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	1890772	106.004	ug/L	100

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



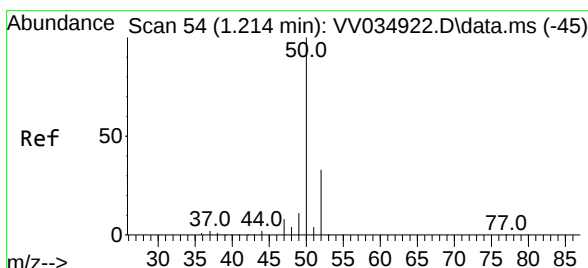
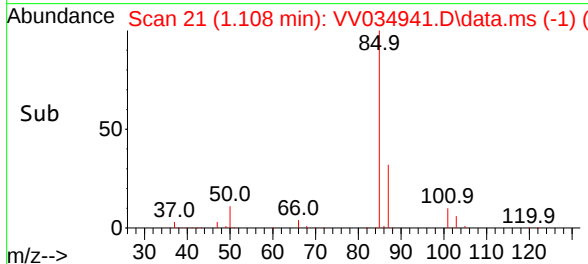
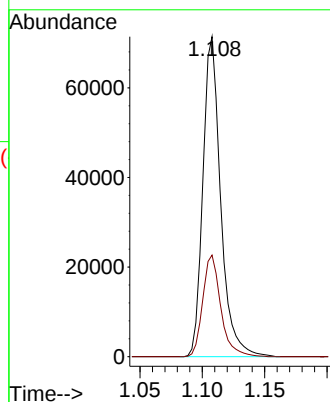
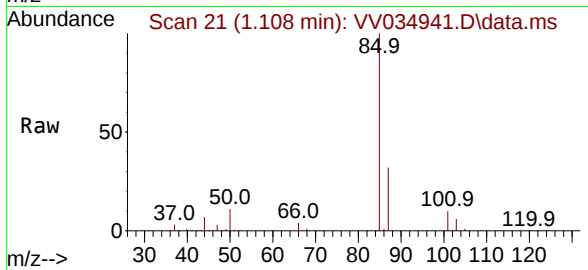
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Dichlorodifluoromethane
Concen: 4.891 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV034941.D
Acq: 02 Apr 2024 19:09

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

Tgt Ion: 85 Resp: 7076
Ion Ratio Lower Upper
85 100
87 32.3 25.7 38.5

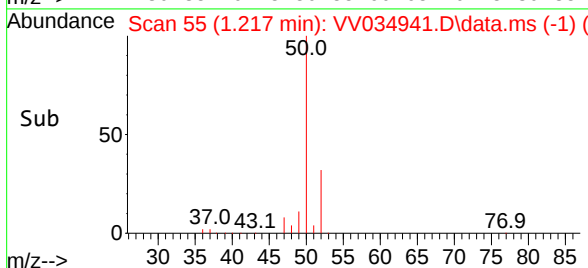
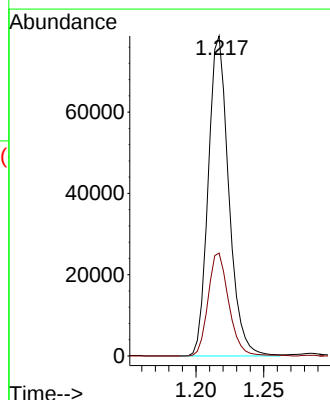
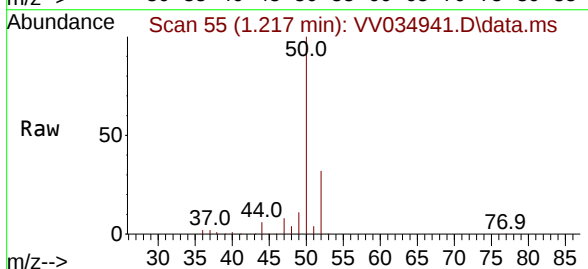
Manual Integrations
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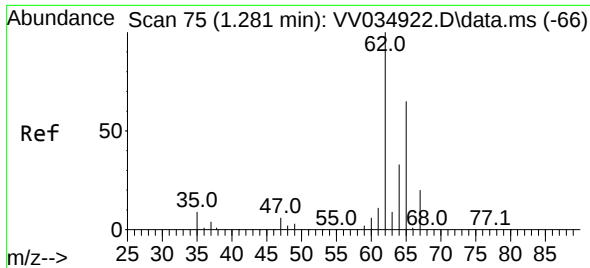
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



#3
Chloromethane
Concen: 4.724 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.003 min
Lab File: VV034941.D
Acq: 02 Apr 2024 19:09

Tgt Ion: 50 Resp: 82908
Ion Ratio Lower Upper
50 100
52 32.1 23.4 43.4





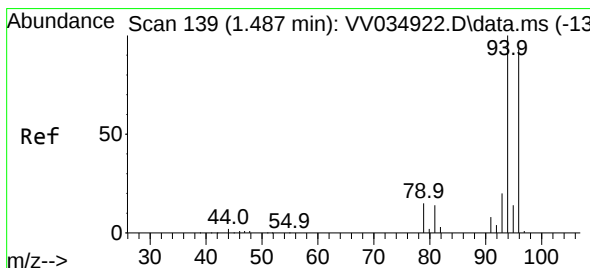
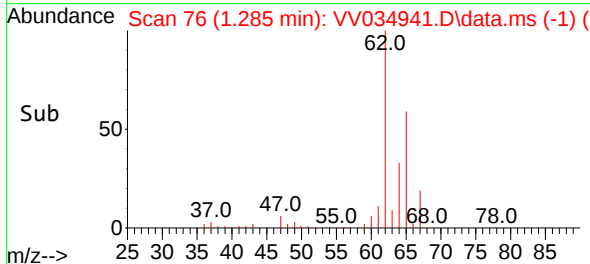
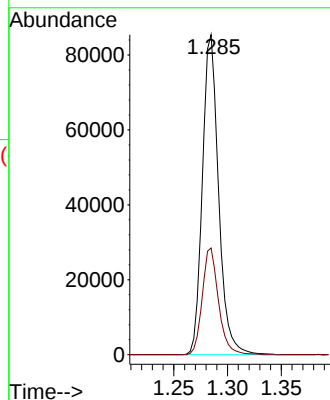
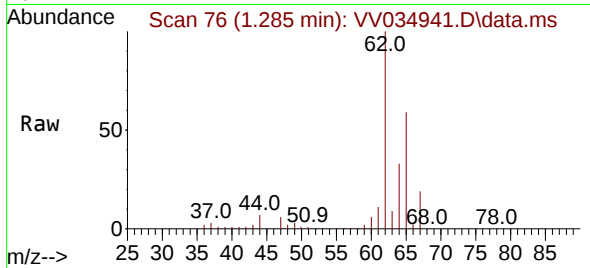
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 Vinyl chloride
 Concen: 4.776 ug/L
 RT: 1.285 min Scan# 75
 Delta R.T. 0.003 min
 Lab File: VV034941.D
 Acq: 02 Apr 2024 19:09

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

Tgt Ion: 62 Resp: 89650
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.9 42.5

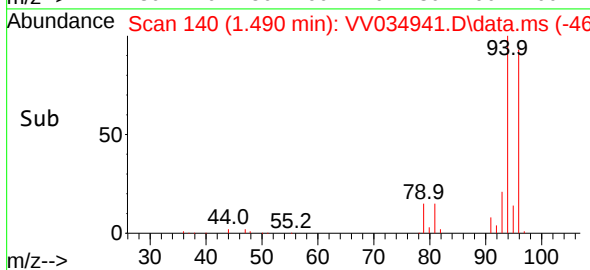
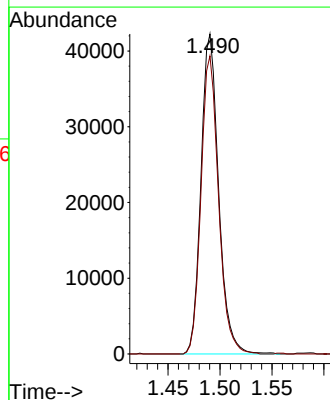
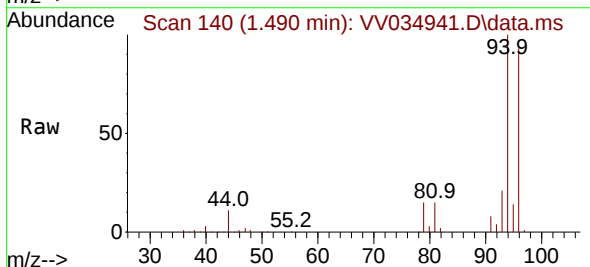
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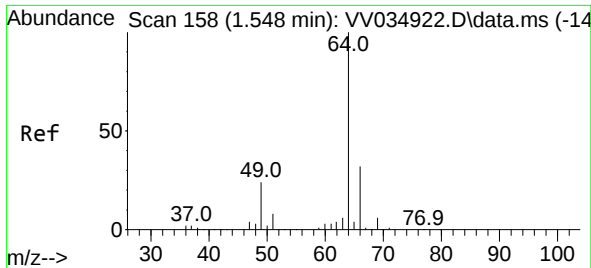
Reviewed By :Mahesh Dadoda 04/05/2024
 Supervised By :Semsettin Yesilyurt 04/05/2024



#6
 Bromomethane
 Concen: 4.656 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. 0.003 min
 Lab File: VV034941.D
 Acq: 02 Apr 2024 19:09

Tgt Ion: 94 Resp: 49897
 Ion Ratio Lower Upper
 94 100
 96 93.1 65.4 121.4





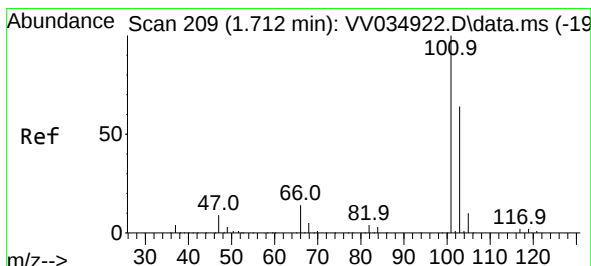
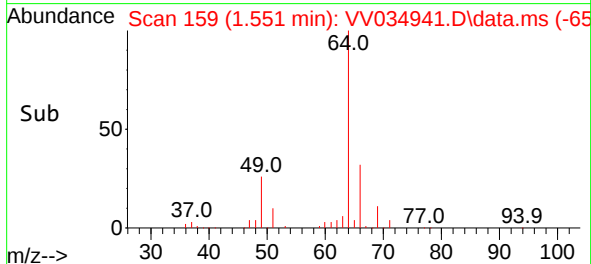
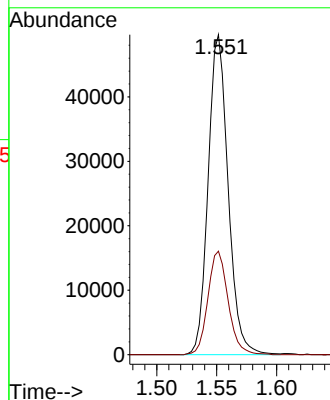
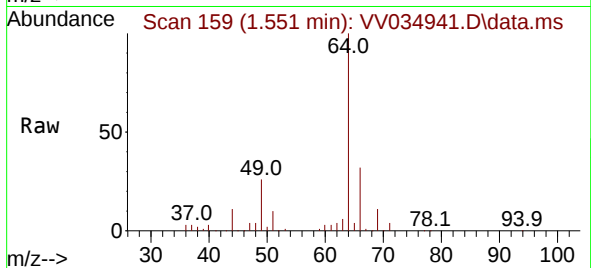
#8
Chloroethane
Concen: 4.776 ug/L
RT: 1.551 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV034941.D
Acq: 02 Apr 2024 19:09

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

Tgt Ion: 64 Resp: 5762
Ion Ratio Lower Upper
64 100
66 32.3 22.6 42.0

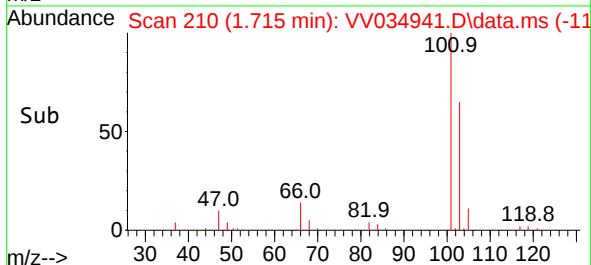
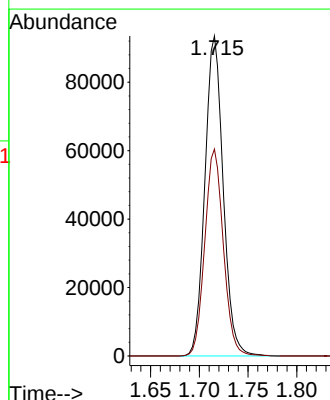
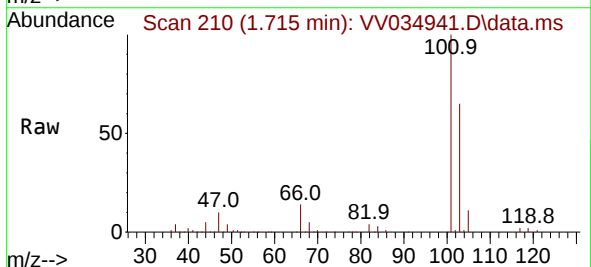
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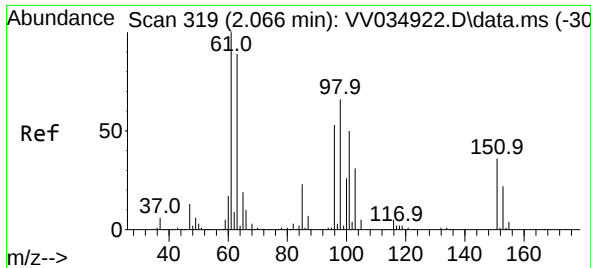
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



#9
Trichlorofluoromethane
Concen: 4.899 ug/L
RT: 1.715 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV034941.D
Acq: 02 Apr 2024 19:09

Tgt Ion:101 Resp: 122229
Ion Ratio Lower Upper
101 100
103 65.6 51.9 77.9





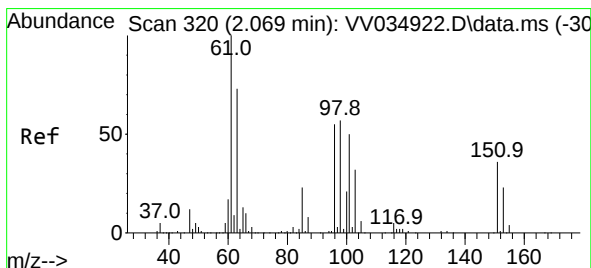
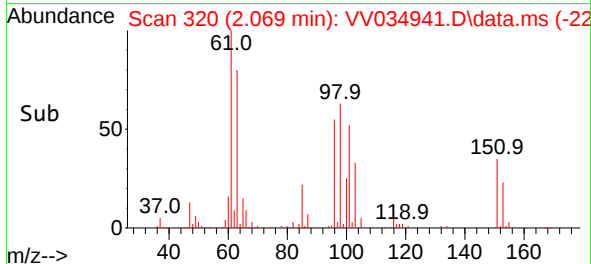
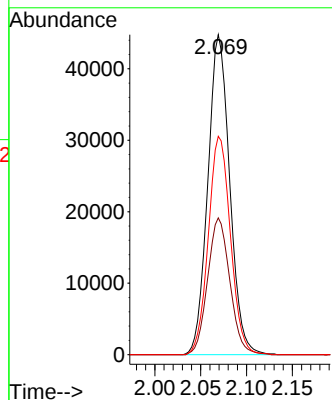
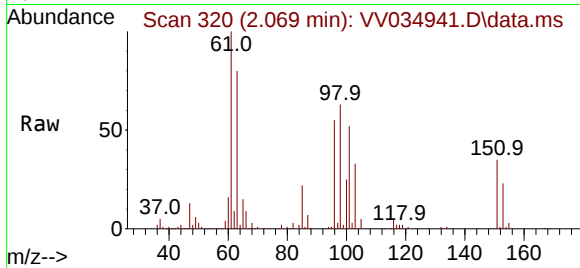
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1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.875 ug/L
RT: 2.069 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV034941.D
Acq: 02 Apr 2024 19:09

Instrument :
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PMW-9D(20240327)MSD

Tgt Ion:101 Resp: 74508
Ion Ratio Lower Upper
101 100
85 43.3 36.2 54.4
151 69.0 56.0 84.0

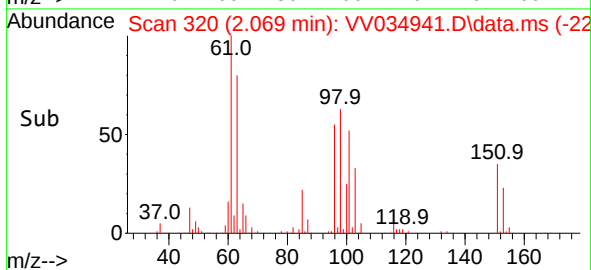
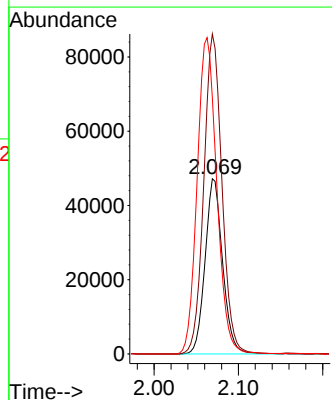
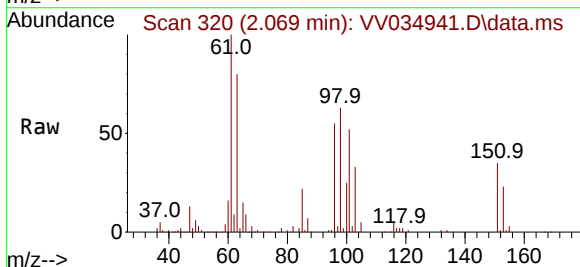
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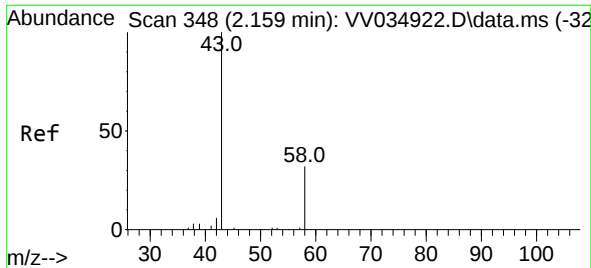
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



#12
1,1-Dichloroethene
Concen: 4.796 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV034941.D
Acq: 02 Apr 2024 19:09

Tgt Ion: 96 Resp: 68457
Ion Ratio Lower Upper
96 100
61 182.6 128.1 237.9
63 146.1 93.5 173.7





#13

Acetone

Concen: 62.930 ug/L

RT: 2.137 min Scan# 34

Delta R.T. -0.023 min

Lab File: VV034941.D

Acq: 02 Apr 2024 19:09

Instrument :

MSVOA_V

ClientSampleId :

PMW-9D(20240327)MSD

Tgt Ion: 43 Resp: 11129

Ion Ratio Lower Upper

43 100

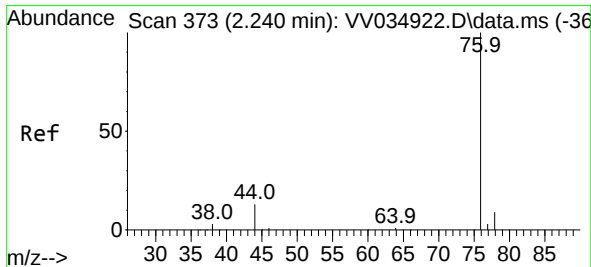
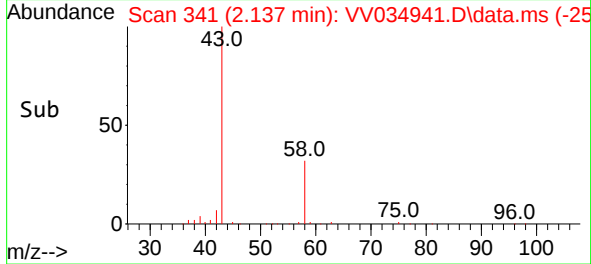
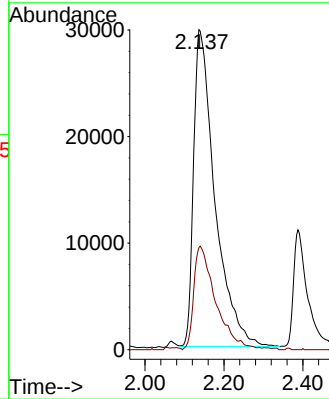
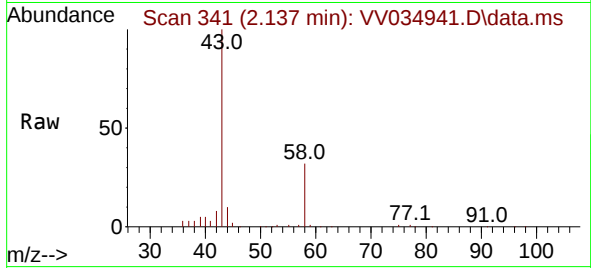
58 32.4 0.0 40.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/05/2024

Supervised By :Semsettin Yesilyurt 04/05/2024



#14

Carbon disulfide

Concen: 4.736 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV034941.D

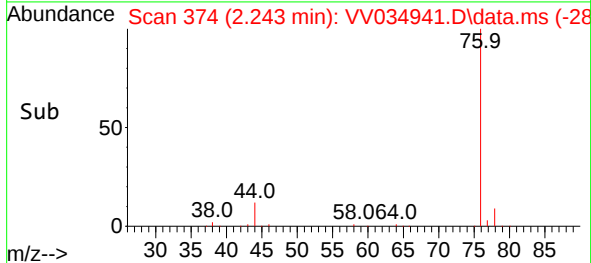
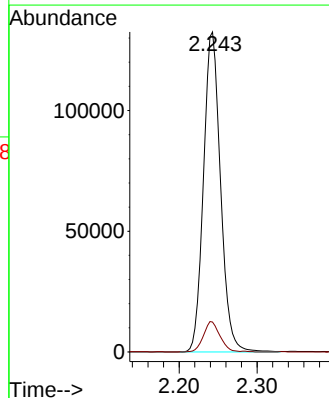
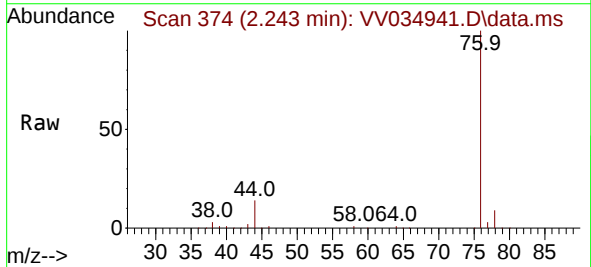
Acq: 02 Apr 2024 19:09

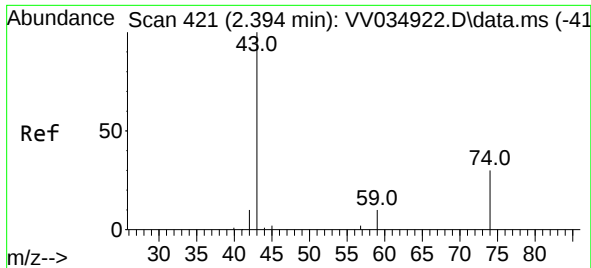
Tgt Ion: 76 Resp: 201397

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2





#15

Methyl Acetate

Concen: 5.346 ug/L

RT: 2.387 min Scan# 41

Delta R.T. -0.007 min

Lab File: VV034941.D

Acq: 02 Apr 2024 19:09

Instrument :

MSVOA_V

ClientSampleId :

PMW-9D(20240327)MSD

Tgt Ion: 43 Resp: 26094

Ion Ratio Lower Upper

43 100

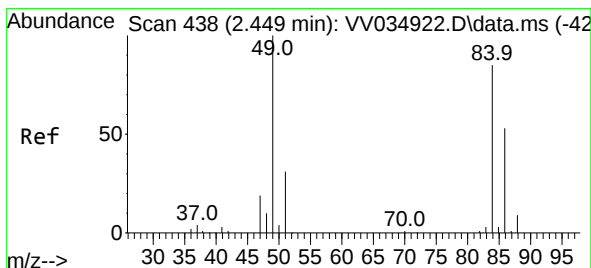
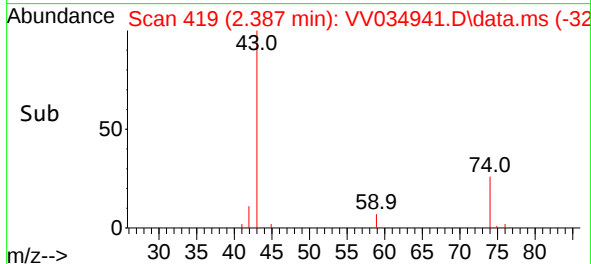
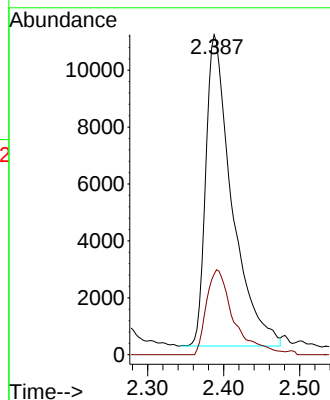
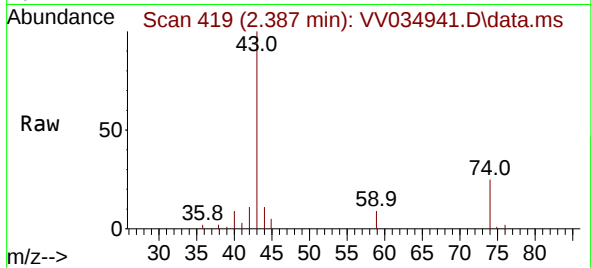
74 28.6 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/05/2024

Supervised By :Semsettin Yesilyurt 04/05/2024



#16

Methylene chloride

Concen: 5.041 ug/L

RT: 2.449 min Scan# 438

Delta R.T. -0.000 min

Lab File: VV034941.D

Acq: 02 Apr 2024 19:09

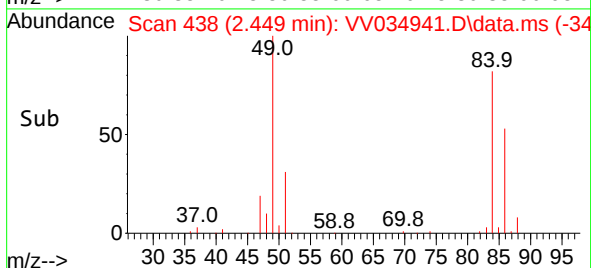
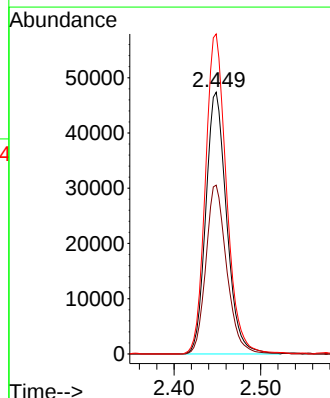
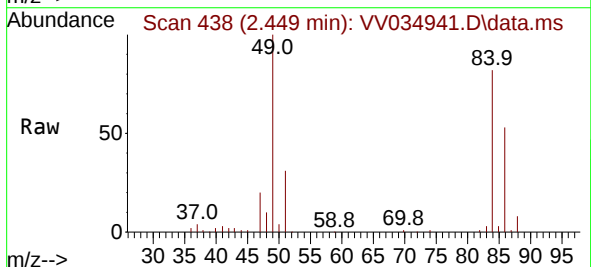
Tgt Ion: 84 Resp: 78949

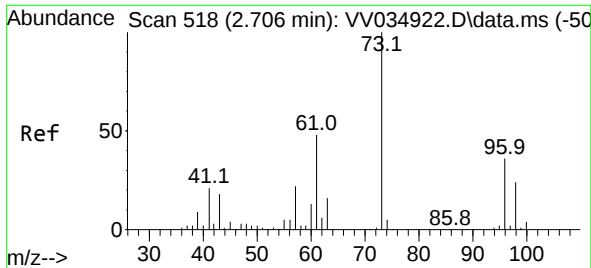
Ion Ratio Lower Upper

84 100

86 64.5 43.5 80.9

49 122.3 82.5 153.3





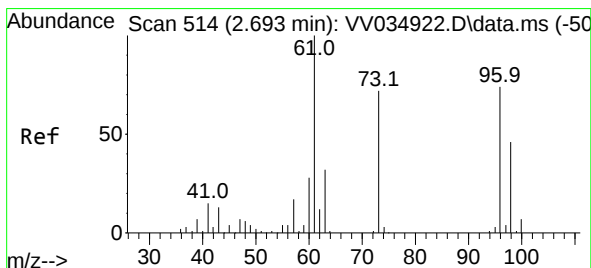
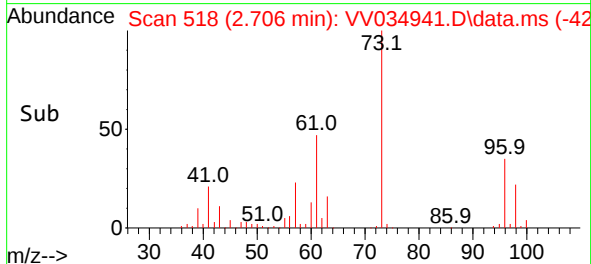
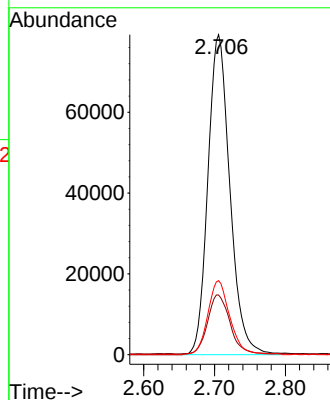
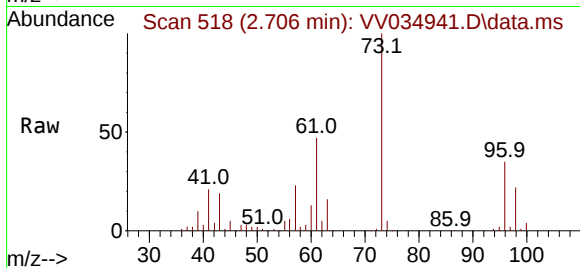
#17
Methyl tert-butyl Ether
Concen: 5.549 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV034941.D
Acq: 02 Apr 2024 19:09

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

Tgt Ion: 73 Resp: 17056
Ion Ratio Lower Upper
73 100
43 18.6 14.8 22.2
57 23.1 18.1 27.1

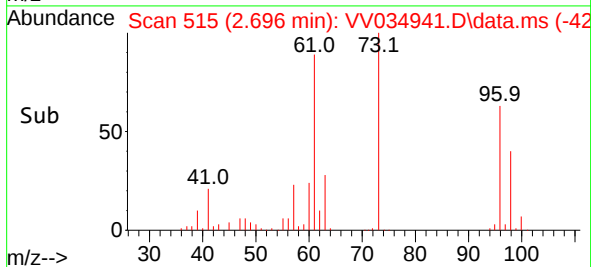
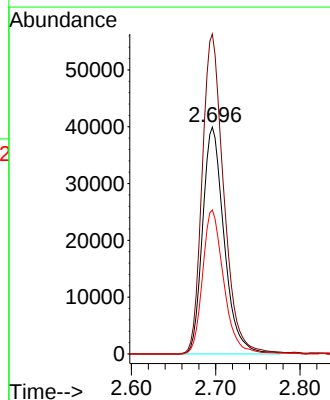
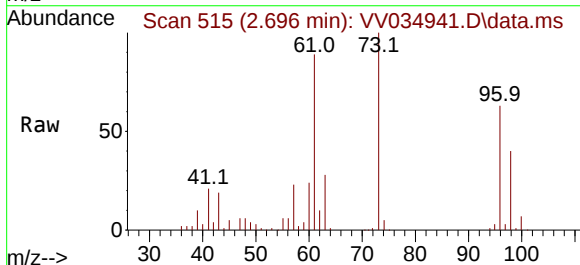
Manual Integrations
APPROVED

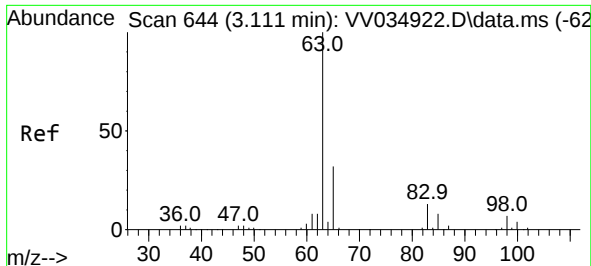
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



#18
trans-1,2-Dichloroethene
Concen: 5.034 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV034941.D
Acq: 02 Apr 2024 19:09

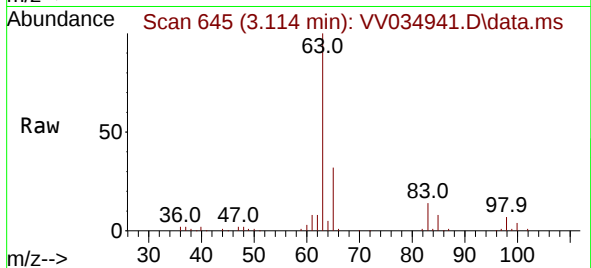
Tgt Ion: 96 Resp: 71227
Ion Ratio Lower Upper
96 100
61 141.0 94.5 175.5
98 63.5 43.5 80.9





#19
1,1-Dichloroethane
Concen: 5.069 ug/L
RT: 3.114 min Scan# 644
Delta R.T. 0.003 min
Lab File: VV034941.D
Acq: 02 Apr 2024 19:09

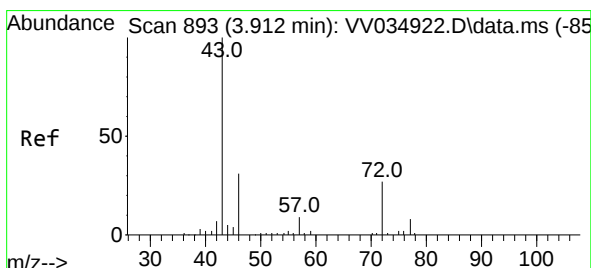
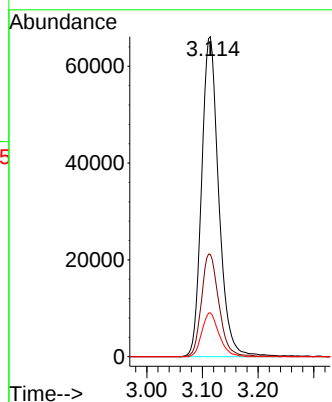
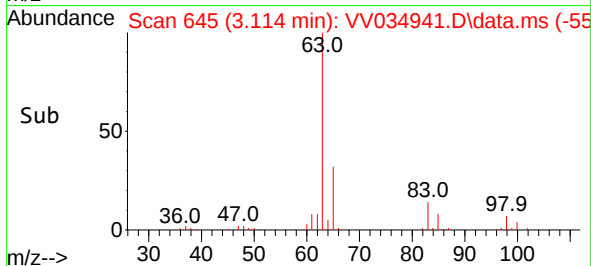
Instrument :
MSVOA_V
ClientSampleId :
PMW-9D(20240327)MSD



Tgt Ion: 63 Resp: 141492
Ion Ratio Lower Upper
63 100
65 32.0 22.5 41.9
83 13.7 9.1 16.9

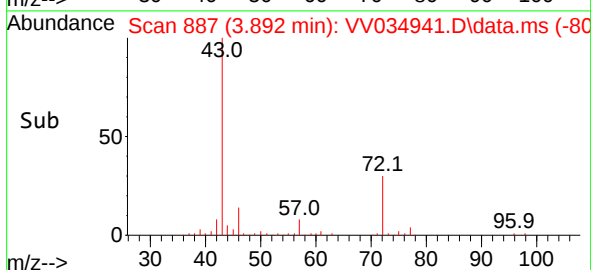
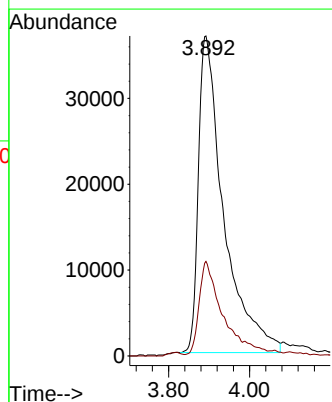
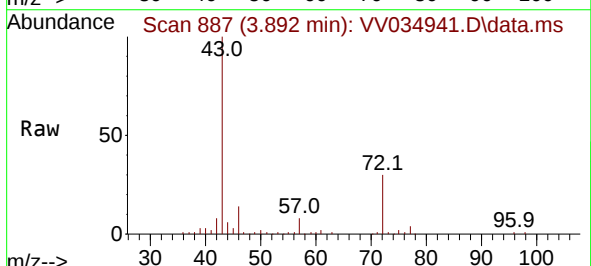
Manual Integrations
APPROVED

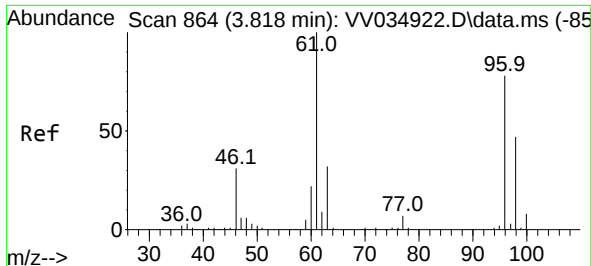
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



#21
2-Butanone
Concen: 56.277 ug/L
RT: 3.892 min Scan# 887
Delta R.T. -0.019 min
Lab File: VV034941.D
Acq: 02 Apr 2024 19:09

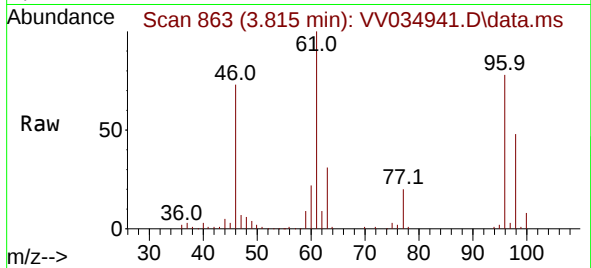
Tgt Ion: 43 Resp: 159512
Ion Ratio Lower Upper
43 100
72 24.9 7.5 22.5





#22
cis-1,2-Dichloroethene
Concen: 6.422 ug/L
RT: 3.815 min Scan# 864
Delta R.T. -0.003 min
Lab File: VV034941.D
Acq: 02 Apr 2024 19:09

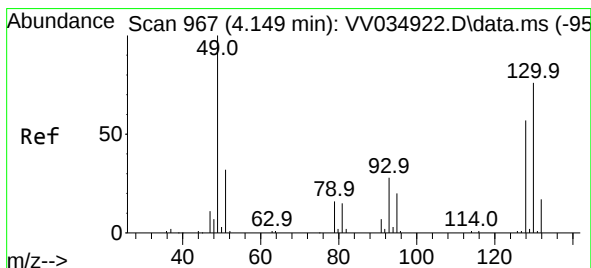
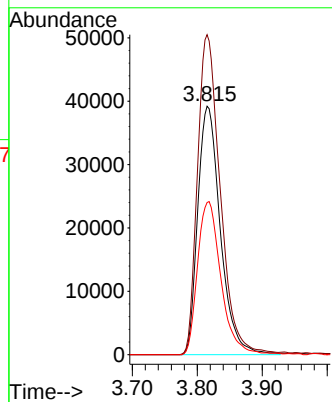
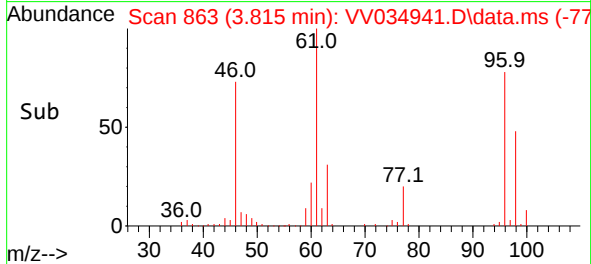
Instrument :
MSVOA_V
ClientSampleId :
PMW-9D(20240327)MSD



Tgt Ion: 96 Resp: 9515
Ion Ratio Lower Upper
96 100
61 128.8 90.3 167.7
98 61.3 42.7 79.3

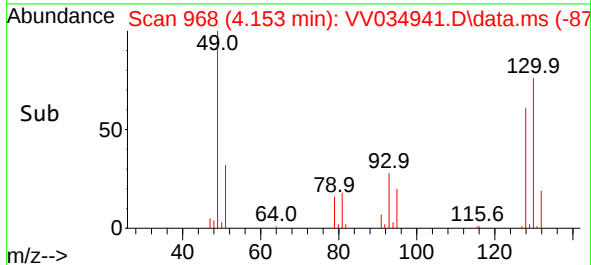
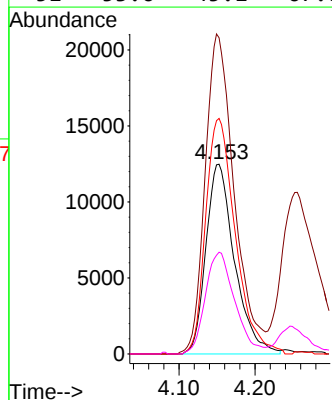
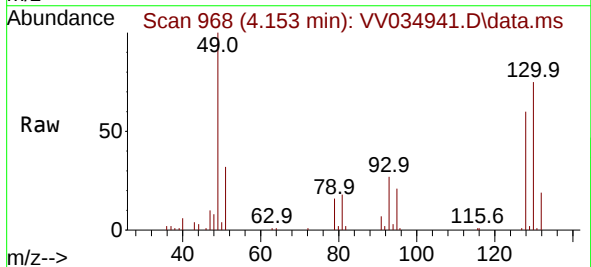
Manual Integrations
APPROVED

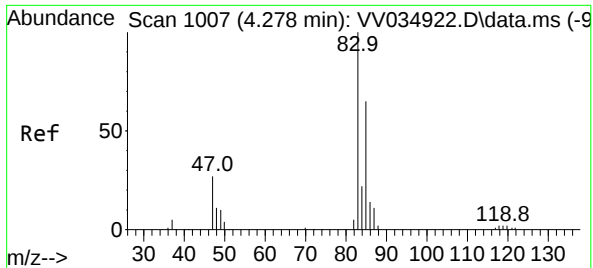
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



#23
Bromochloromethane
Concen: 5.247 ug/L
RT: 4.153 min Scan# 968
Delta R.T. 0.003 min
Lab File: VV034941.D
Acq: 02 Apr 2024 19:09

Tgt Ion:128 Resp: 32641
Ion Ratio Lower Upper
128 100
49 166.6 122.9 228.3
130 124.1 92.1 171.1
51 53.6 45.1 67.7





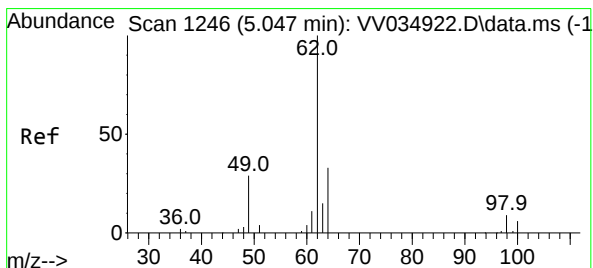
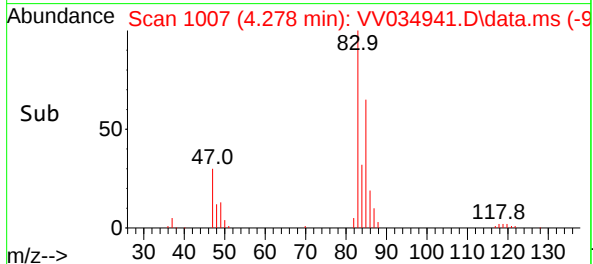
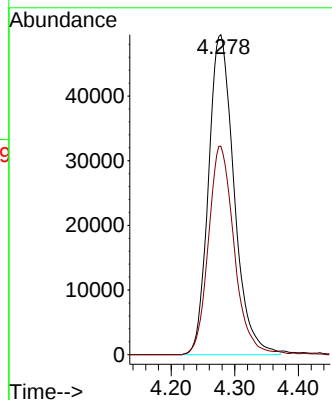
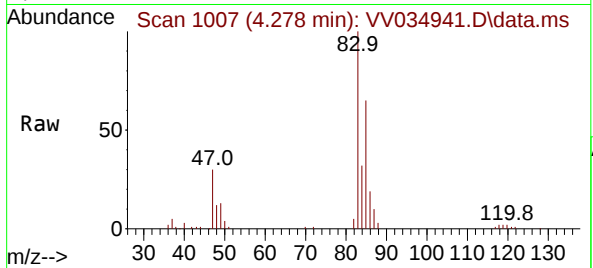
#25
Chloroform
Concen: 4.984 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. -0.000 min
Lab File: VV034941.D
Acq: 02 Apr 2024 19:09

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

Tgt Ion: 83 Resp: 138158
Ion Ratio Lower Upper
83 100
85 65.1 45.5 84.5

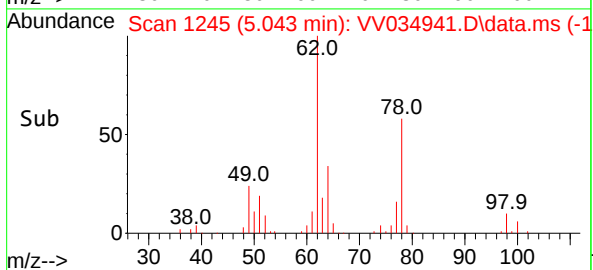
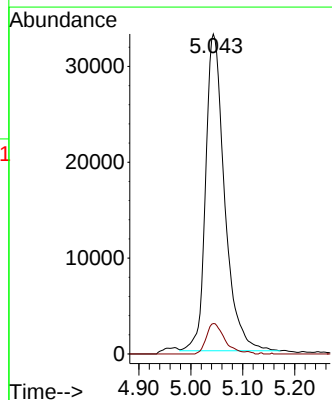
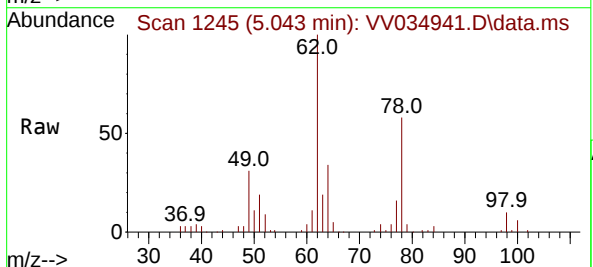
Manual Integrations
APPROVED

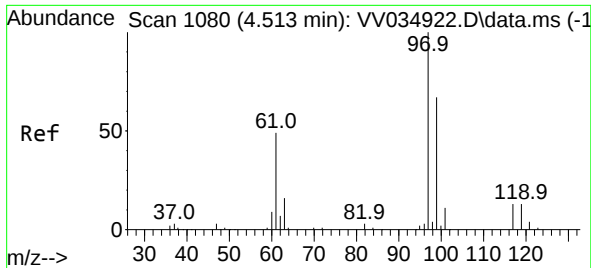
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



#27
1,2-Dichloroethane
Concen: 5.382 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. -0.003 min
Lab File: VV034941.D
Acq: 02 Apr 2024 19:09

Tgt Ion: 62 Resp: 83962
Ion Ratio Lower Upper
62 100
98 9.5 7.4 11.0





#29

1,1,1-Trichloroethane

Concen: 4.976 ug/L

RT: 4.513 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VV034941.D

Acq: 02 Apr 2024 19:09

Instrument :

MSVOA_V

ClientSampleId :

PMW-9D(20240327)MSD

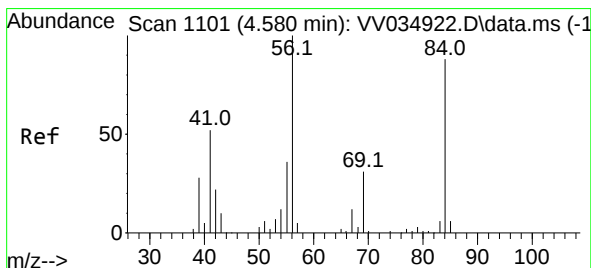
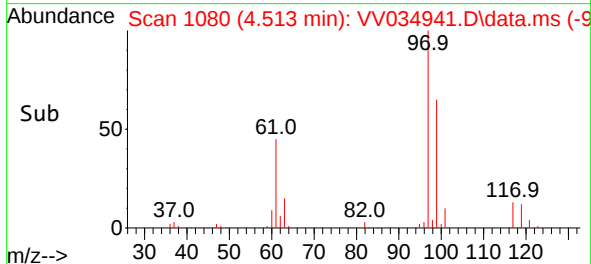
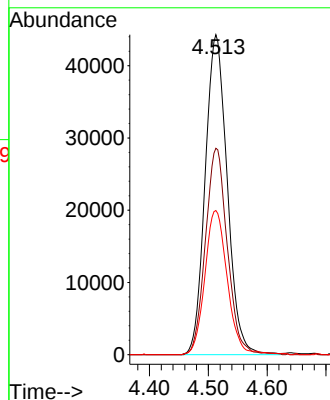
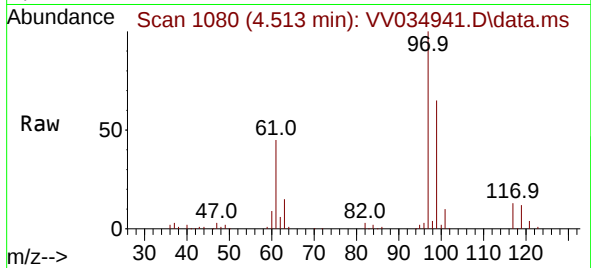
Tgt Ion: 97 Resp: 11531

Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.1	78.1
61	46.1	38.7	58.1

Manual Integrations

APPROVED

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



#30

Cyclohexane

Concen: 5.084 ug/L

RT: 4.583 min Scan# 1102

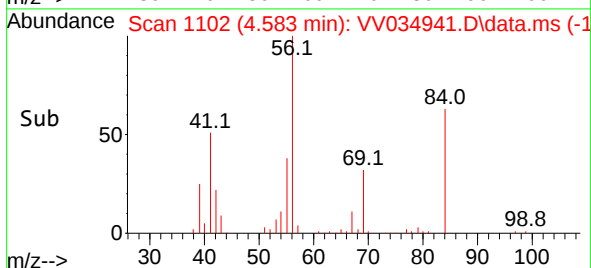
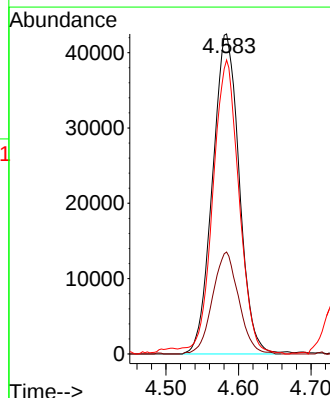
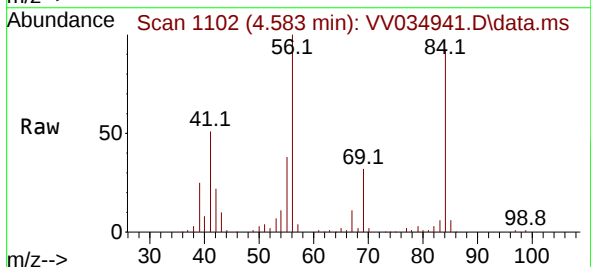
Delta R.T. 0.003 min

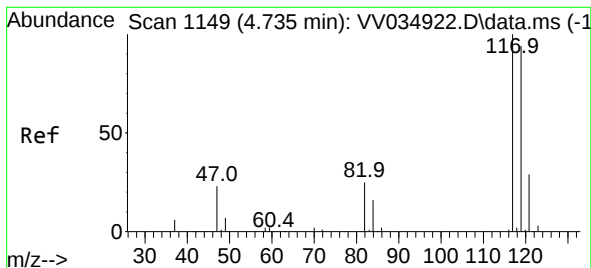
Lab File: VV034941.D

Acq: 02 Apr 2024 19:09

Tgt Ion: 56 Resp: 108515

Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.2	37.8
84	90.2	69.8	104.8





#31

Carbon tetrachloride

Concen: 5.017 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. -0.000 min

Lab File: VV034941.D

Acq: 02 Apr 2024 19:09

Instrument :

MSVOA_V

ClientSampleId :

PMW-9D(20240327)MSD

Tgt Ion:117 Resp: 9948

Ion Ratio Lower Upper

117 100

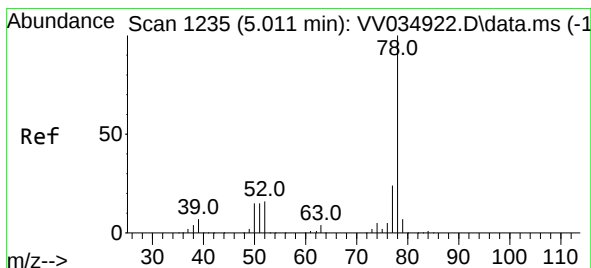
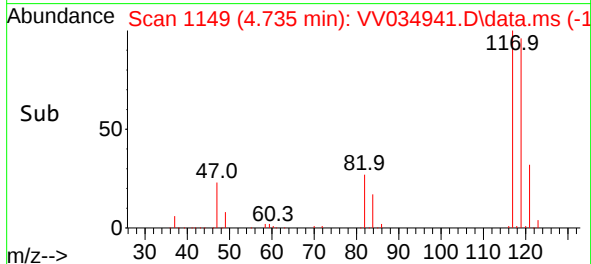
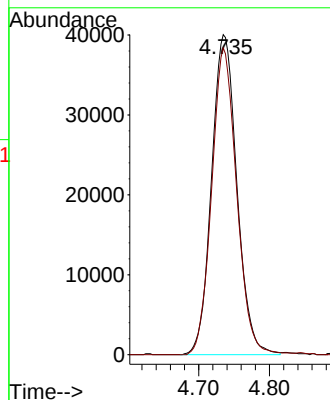
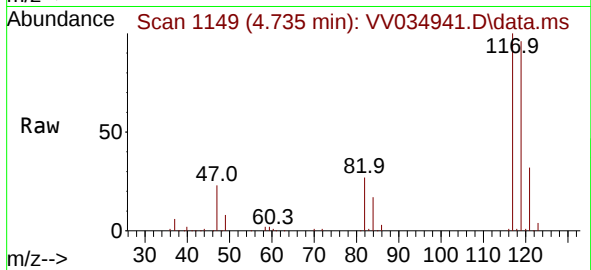
119 94.5 75.8 113.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/05/2024

Supervised By :Semsettin Yesilyurt 04/05/2024



#33

Benzene

Concen: 5.549 ug/L

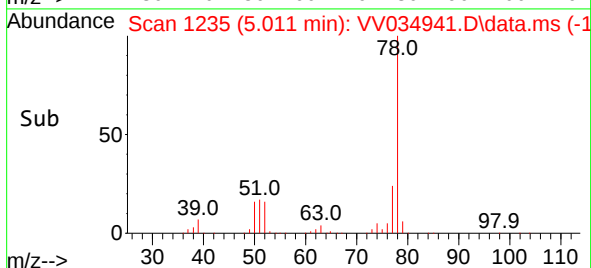
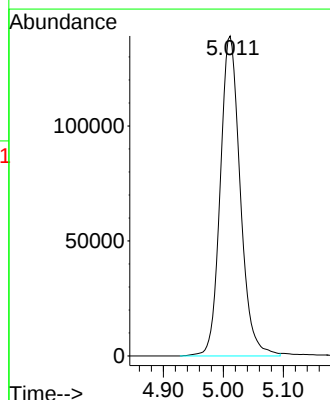
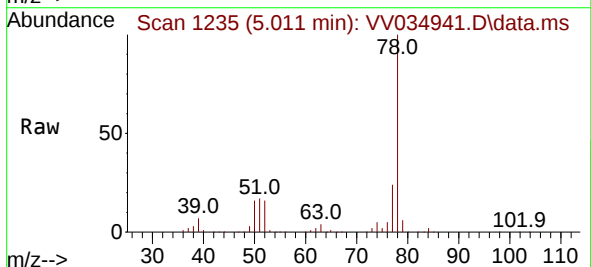
RT: 5.011 min Scan# 1235

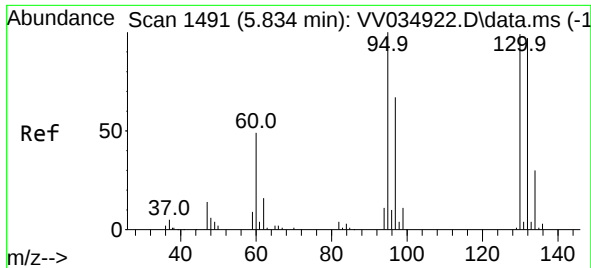
Delta R.T. -0.000 min

Lab File: VV034941.D

Acq: 02 Apr 2024 19:09

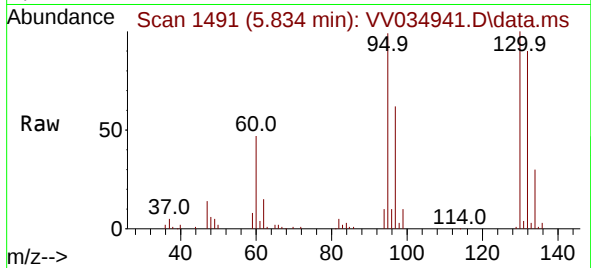
Tgt Ion: 78 Resp: 321202





#34
Trichloroethene
Concen: 5.165 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VV034941.D
Acq: 02 Apr 2024 19:09

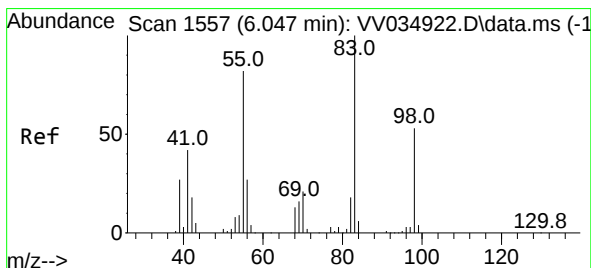
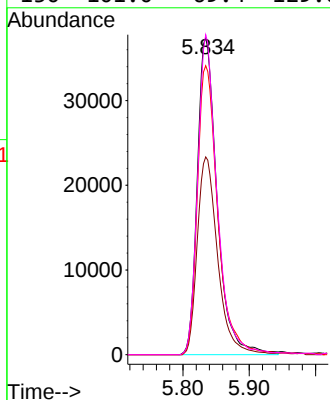
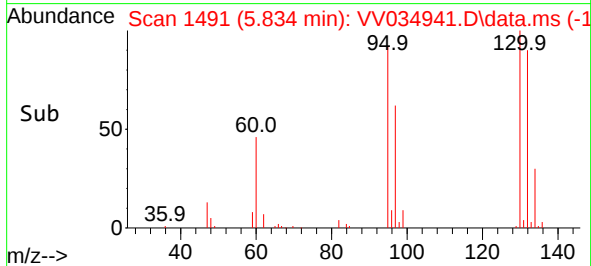
Instrument : MSVOA_V
ClientSampleId : PMW-9D(20240327)MSD



Tgt Ion: 95 Resp: 7789
Ion Ratio Lower Upper
95 100
97 62.4 46.8 86.8
132 91.2 68.0 126.4
130 101.0 69.4 129.0

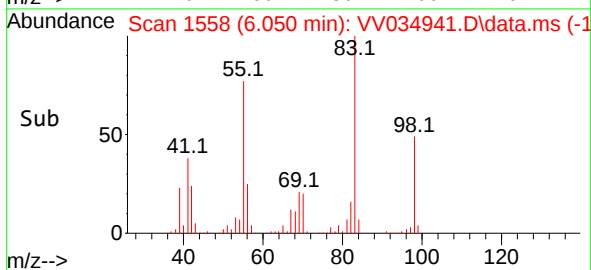
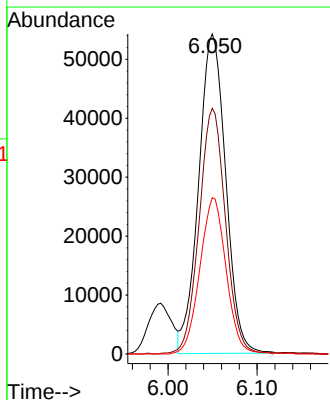
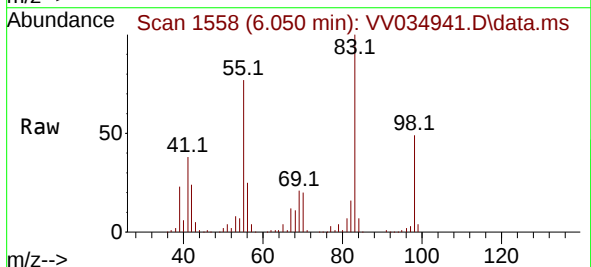
Manual Integrations
APPROVED

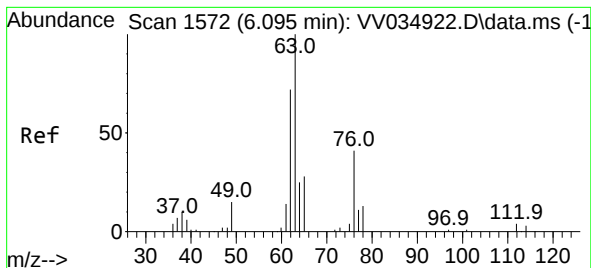
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



#35
Methylcyclohexane
Concen: 4.989 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.003 min
Lab File: VV034941.D
Acq: 02 Apr 2024 19:09

Tgt Ion: 83 Resp: 114590
Ion Ratio Lower Upper
83 100
55 75.1 60.6 91.0
98 47.4 37.8 56.6





#37

1,2-Dichloropropane

Concen: 5.111 ug/L

RT: 6.095 min Scan# 1572

Delta R.T. -0.000 min

Lab File: VV034941.D

Acq: 02 Apr 2024 19:09

Instrument :

MSVOA_V

ClientSampleId :

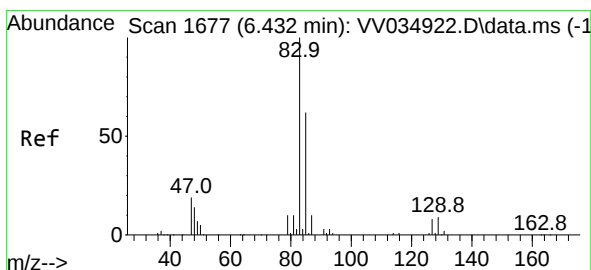
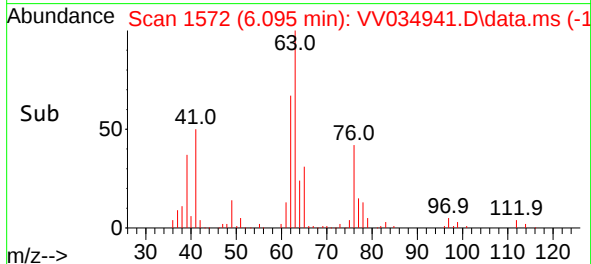
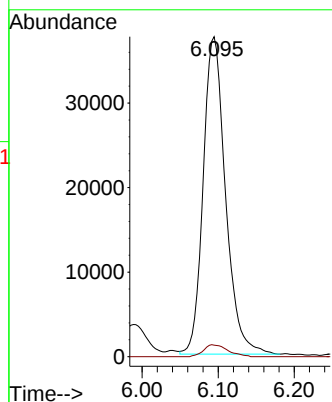
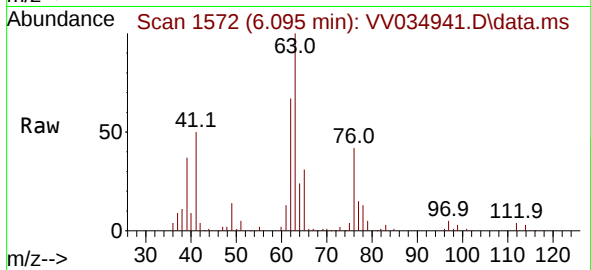
PMW-9D(20240327)MSD

Tgt Ion: 63 Resp: 76710
 Ion Ratio Lower Upper
 63 100
 112 4.1 3.5 5.3

Manual Integrations

APPROVED

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



#38

Bromodichloromethane

Concen: 5.144 ug/L

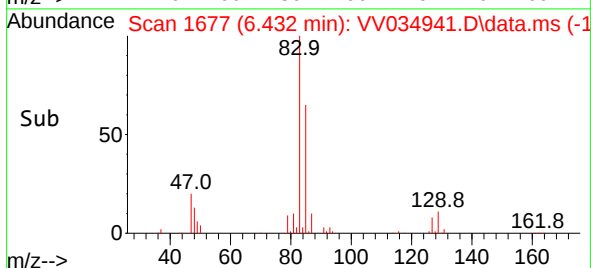
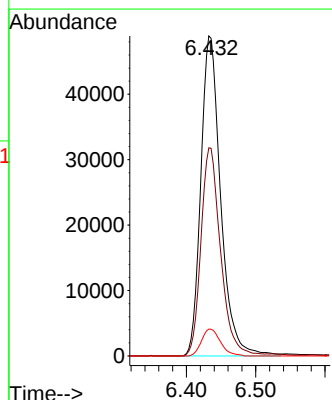
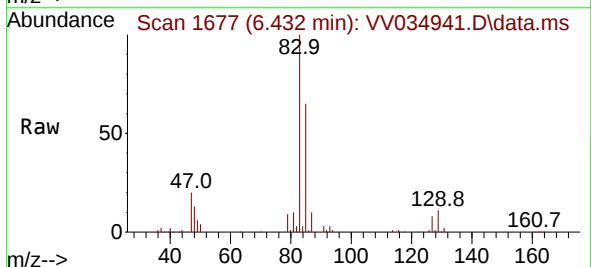
RT: 6.432 min Scan# 1677

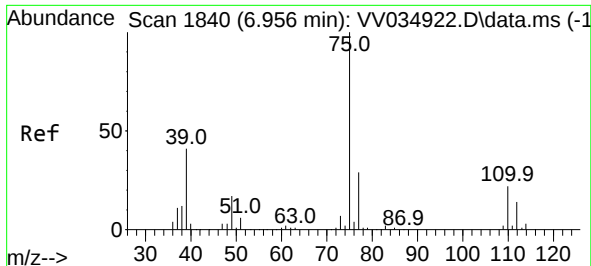
Delta R.T. -0.000 min

Lab File: VV034941.D

Acq: 02 Apr 2024 19:09

Tgt Ion: 83 Resp: 97392
 Ion Ratio Lower Upper
 83 100
 85 65.0 43.6 81.0
 127 8.4 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 5.282 ug/L

RT: 6.956 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV034941.D

Acq: 02 Apr 2024 19:09

Instrument :

MSVOA_V

ClientSampleId :

PMW-9D(20240327)MSD

Tgt Ion: 75 Resp: 106480

Ion Ratio Lower Upper

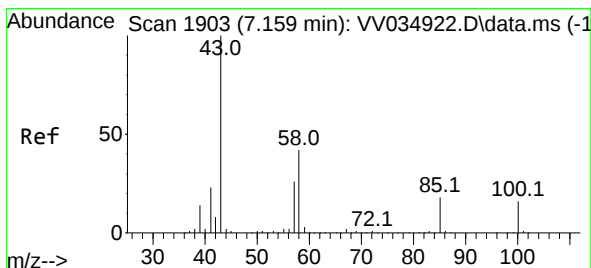
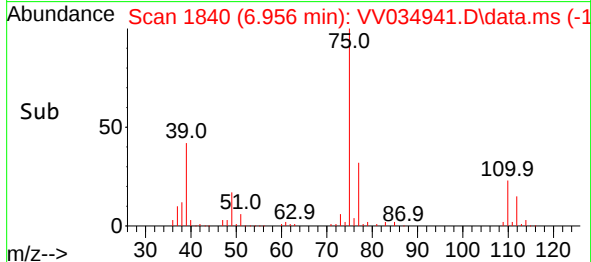
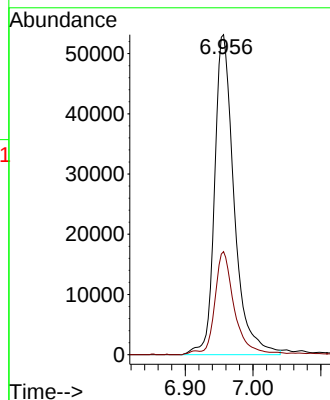
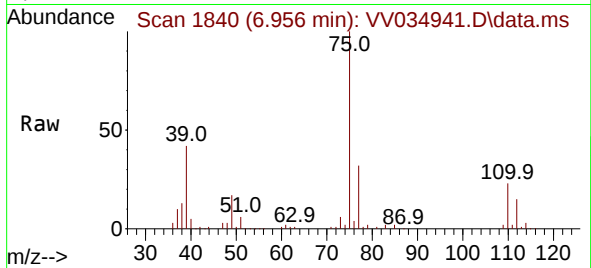
75 100

77 32.2 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: 59.525 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.003 min

Lab File: VV034941.D

Acq: 02 Apr 2024 19:09

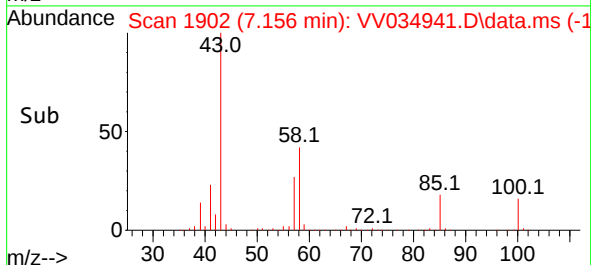
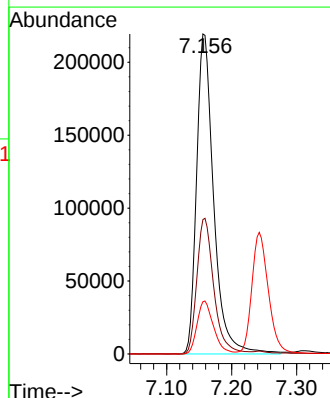
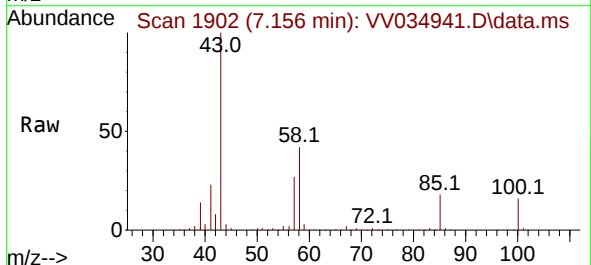
Tgt Ion: 43 Resp: 403072

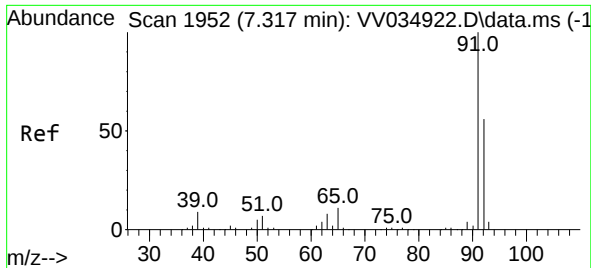
Ion Ratio Lower Upper

43 100

58 42.0 33.8 50.6

100 15.9 11.9 17.9





#42

Toluene

Concen: 5.317 ug/L

RT: 7.316 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VV034941.D

Acq: 02 Apr 2024 19:09

Instrument :

MSVOA_V

ClientSampleId :

PMW-9D(20240327)MSD

Tgt Ion: 91 Resp: 323480

Ion Ratio Lower Upper

91 100

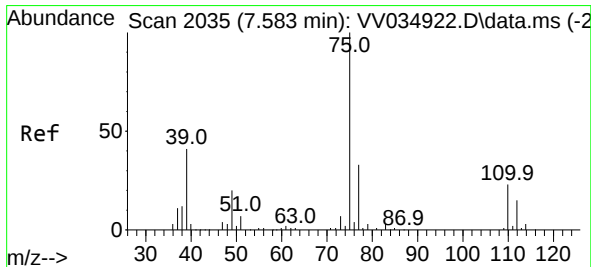
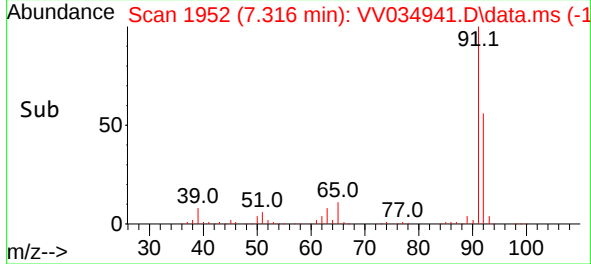
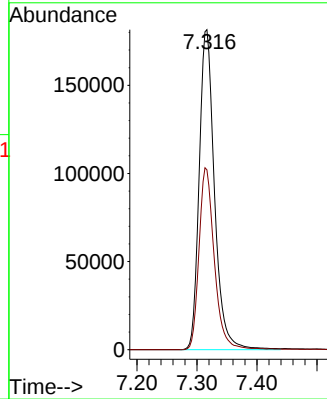
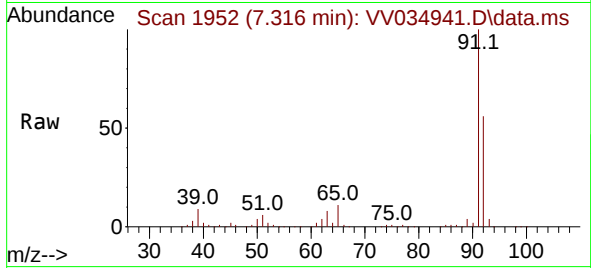
92 56.2 38.9 72.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/05/2024

Supervised By :Semsettin Yesilyurt 04/05/2024



#44

trans-1,3-Dichloropropene

Concen: 5.392 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. -0.000 min

Lab File: VV034941.D

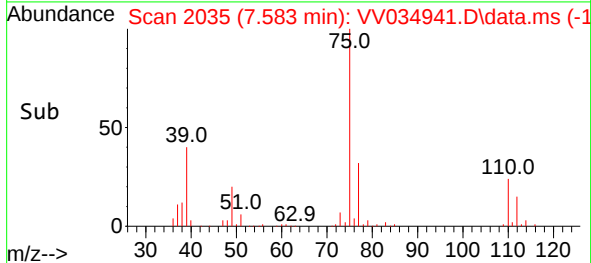
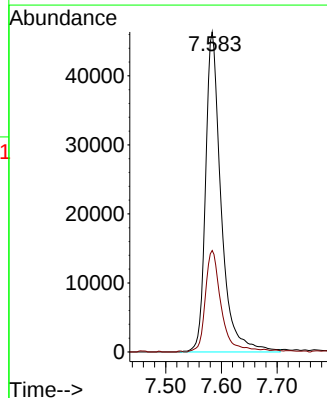
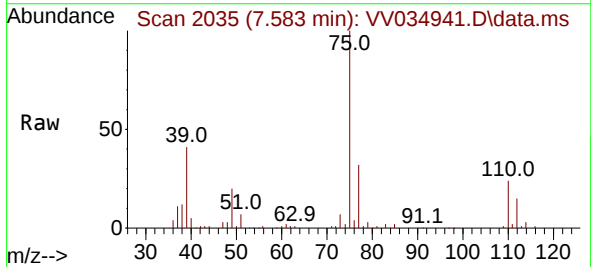
Acq: 02 Apr 2024 19:09

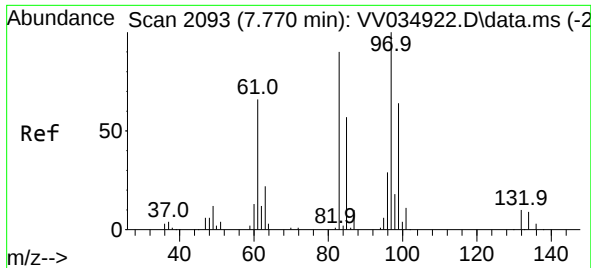
Tgt Ion: 75 Resp: 90110

Ion Ratio Lower Upper

75 100

77 31.7 22.7 42.3





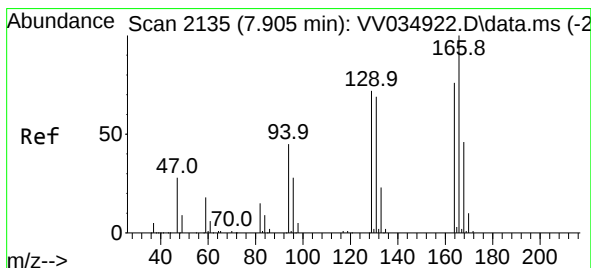
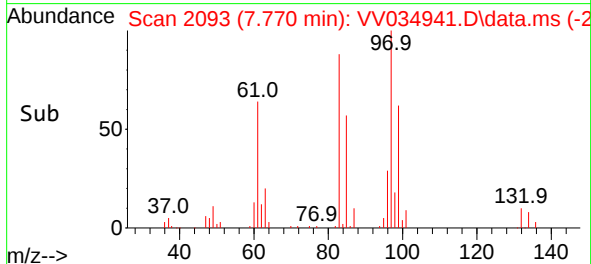
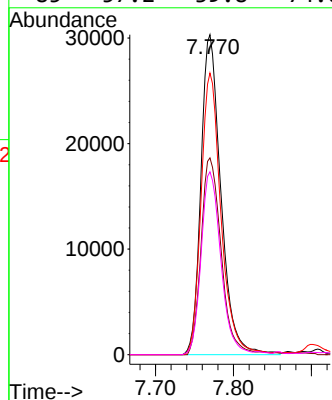
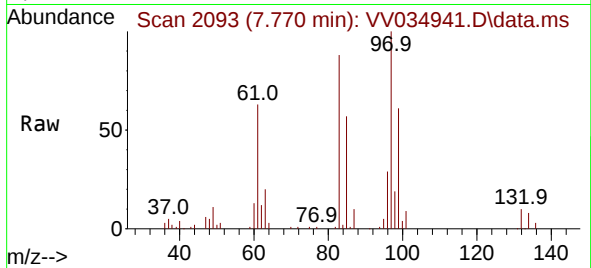
#45
1,1,2-Trichloroethane
Concen: 5.477 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. -0.000 min
Lab File: VV034941.D
Acq: 02 Apr 2024 19:09

Instrument : MSVOA_V
ClientSampleId : VV034941.D
PMW-9D(20240327)MSD

Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.5	44.5	82.7
83	88.0	63.2	117.4
85	57.2	39.8	74.0

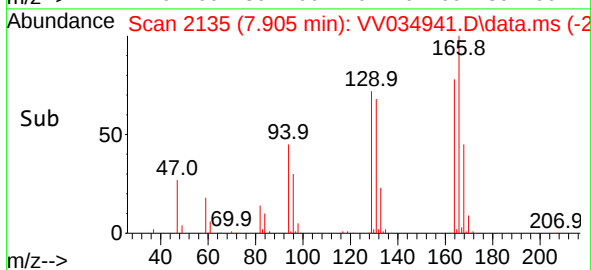
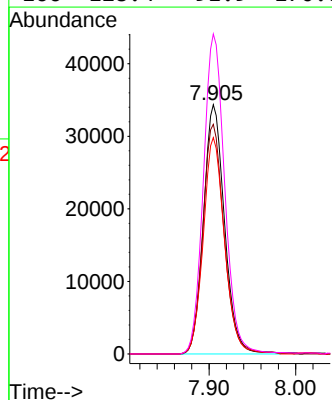
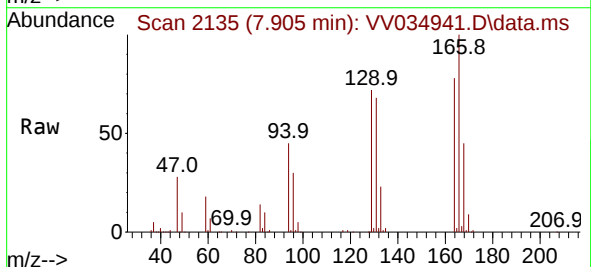
Manual Integrations
APPROVED

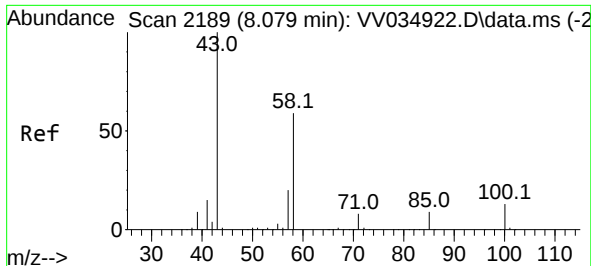
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



#47
Tetrachloroethene
Concen: 5.113 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV034941.D
Acq: 02 Apr 2024 19:09

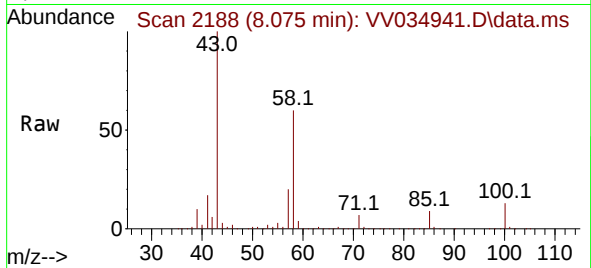
Tgt Ion	Ratio	Lower	Upper
164	100		
129	92.1	66.0	122.6
131	86.8	63.0	117.0
166	128.4	91.9	170.7





#48
2-Hexanone
Concen: 59.031 ug/L
RT: 8.075 min Scan# 2189
Delta R.T. -0.003 min
Lab File: VV034941.D
Acq: 02 Apr 2024 19:09

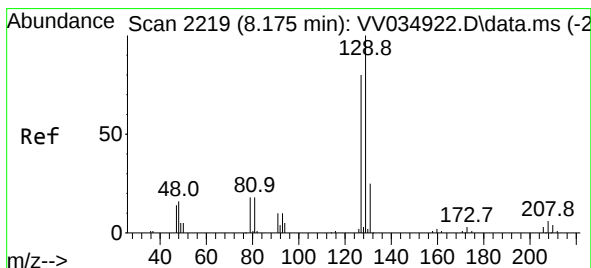
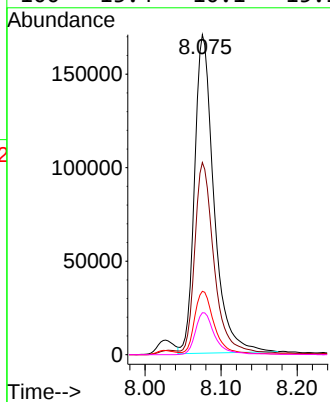
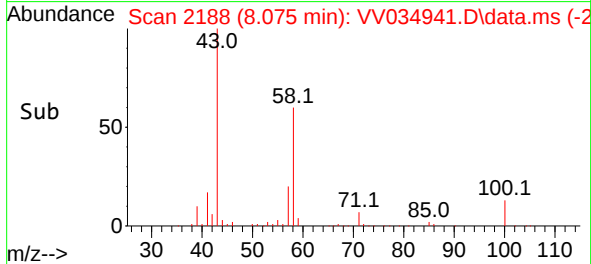
Instrument : MSVOA_V
ClientSampleId : PMW-9D(20240327)MSD



Tgt Ion: 43 Resp: 30176
Ion Ratio Lower Upper
43 100
58 59.8 48.2 72.4
57 19.5 15.6 23.4
100 13.4 10.1 15.1

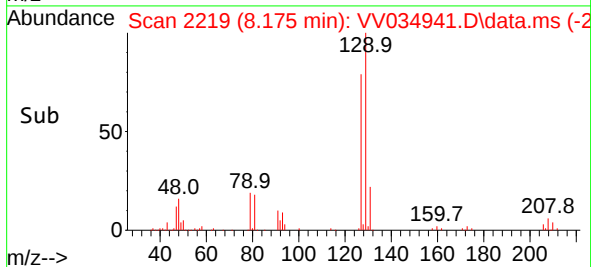
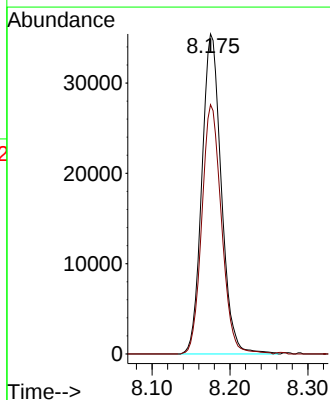
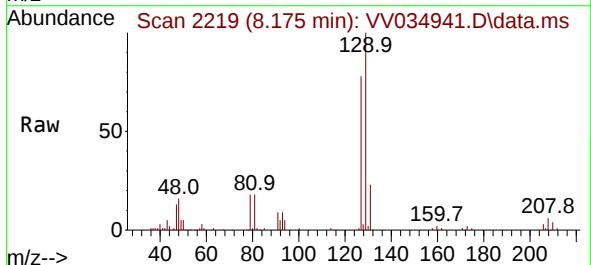
Manual Integrations
APPROVED

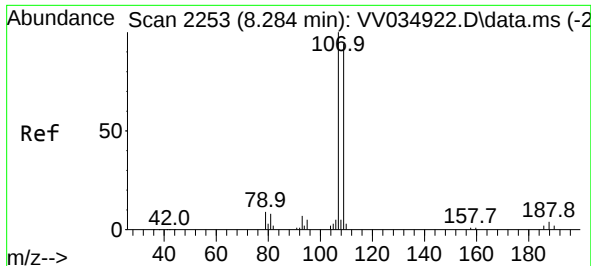
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



#49
Dibromochloromethane
Concen: 5.291 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV034941.D
Acq: 02 Apr 2024 19:09

Tgt Ion:129 Resp: 61414
Ion Ratio Lower Upper
129 100
127 77.9 56.4 104.7





#50

1,2-Dibromoethane

Concen: 5.513 ug/L

RT: 8.284 min Scan# 2118

Delta R.T. -0.000 min

Lab File: VV034941.D

Acq: 02 Apr 2024 19:09

Instrument :

MSVOA_V

ClientSampleId :

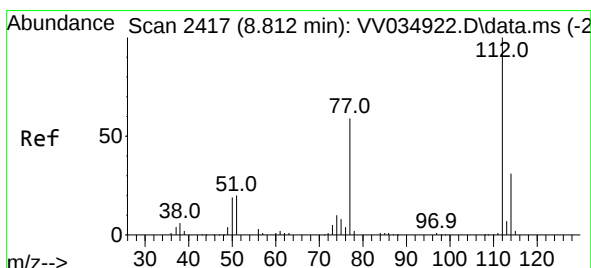
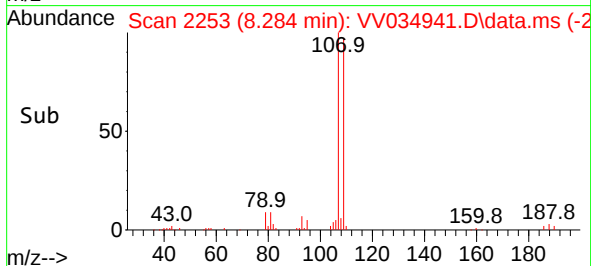
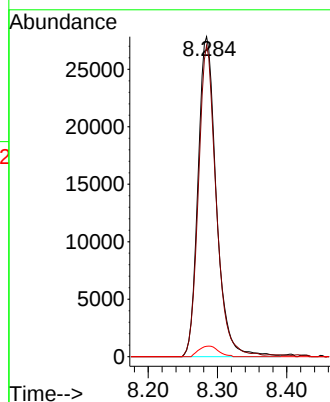
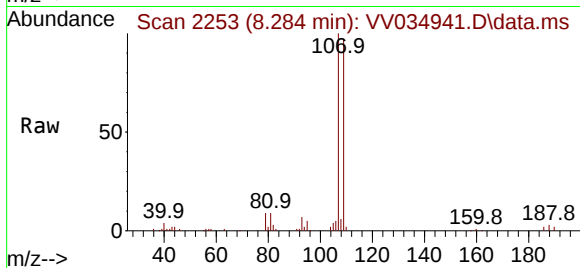
PMW-9D(20240327)MSD

Tgt Ion:	107	Resp:	5118
Ion	Ratio	Lower	Upper
107	100		
109	97.4	66.1	122.8
188	3.3	3.2	4.8

Manual Integrations

APPROVED

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



#51

Chlorobenzene

Concen: 70.307 ug/L

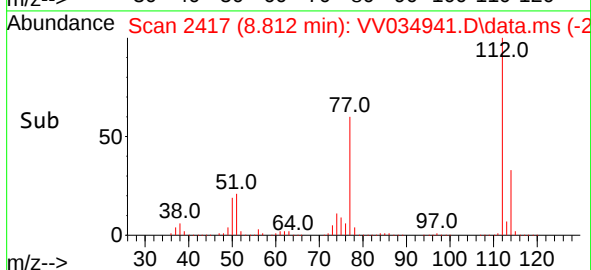
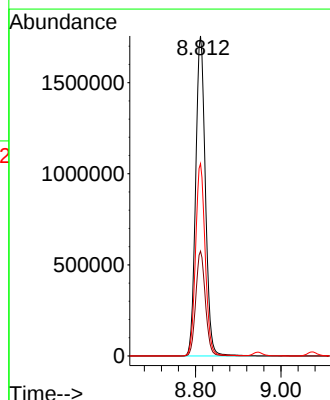
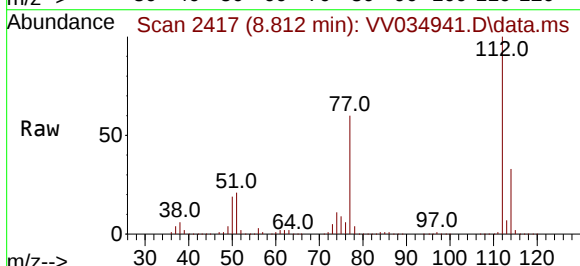
RT: 8.812 min Scan# 2417

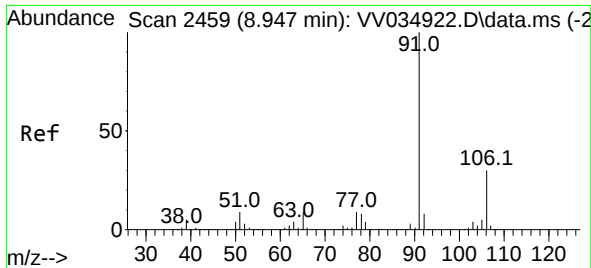
Delta R.T. -0.000 min

Lab File: VV034941.D

Acq: 02 Apr 2024 19:09

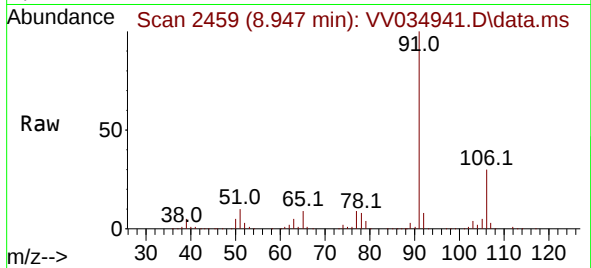
Tgt Ion:	112	Resp:	2763654
Ion	Ratio	Lower	Upper
112	100		
114	32.8	21.9	40.7
77	60.1	47.4	71.2





#52
Ethylbenzene
Concen: 5.406 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. -0.000 min
Lab File: VV034941.D
Acq: 02 Apr 2024 19:09

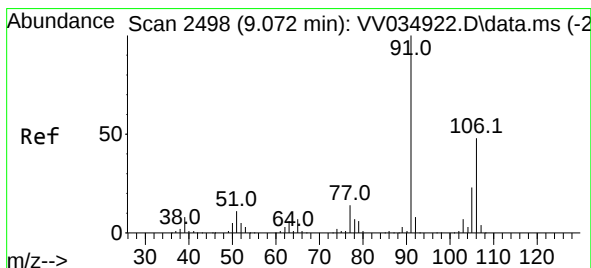
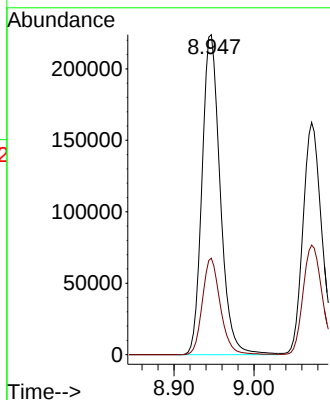
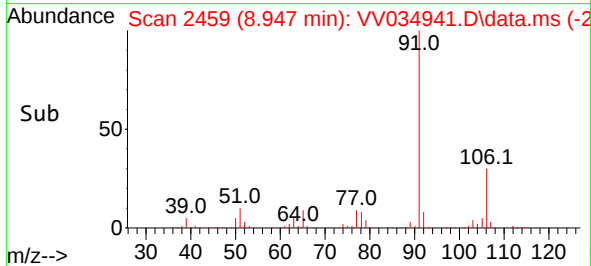
Instrument : MSVOA_V
ClientSampleId : PMW-9D(20240327)MSD



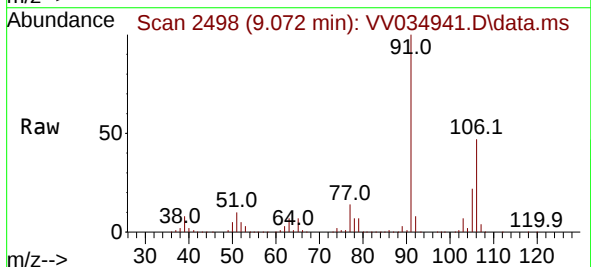
Tgt Ion: 91 Resp: 35525
Ion Ratio Lower Upper
91 100
106 30.1 21.2 39.4

Manual Integrations
APPROVED

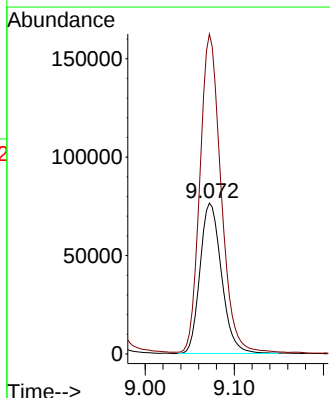
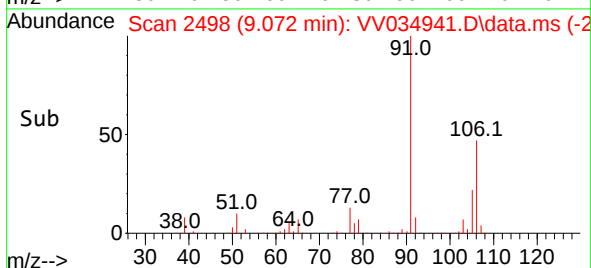
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024

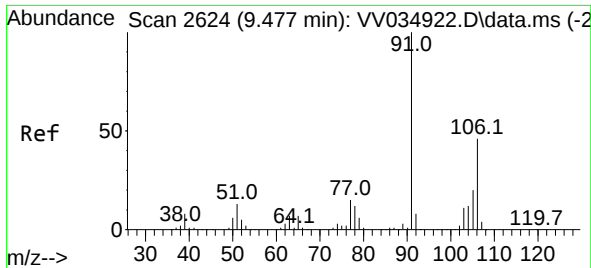


#53
m,p-Xylene
Concen: 5.321 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV034941.D
Acq: 02 Apr 2024 19:09



Tgt Ion:106 Resp: 128403
Ion Ratio Lower Upper
106 100
91 212.0 145.7 270.7





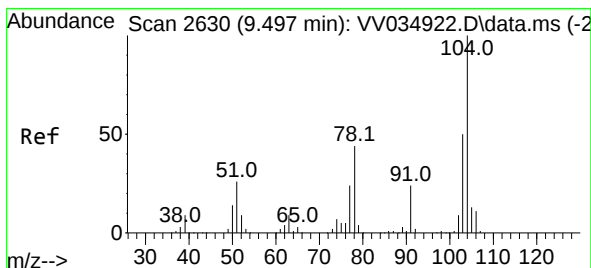
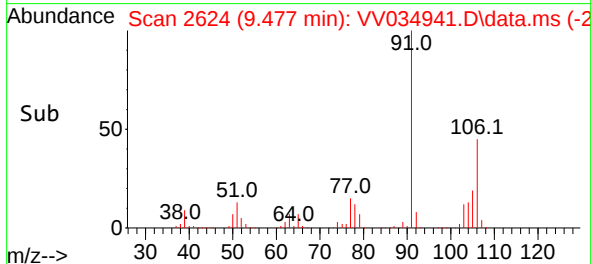
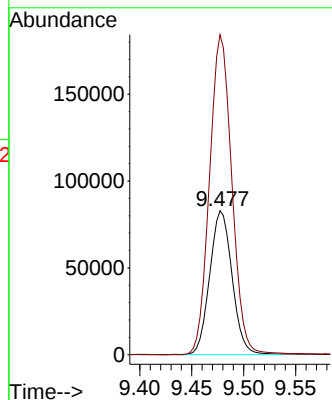
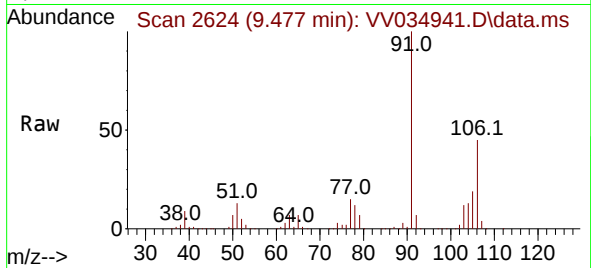
#54
o-Xylene
Concen: 5.251 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV034941.D
Acq: 02 Apr 2024 19:09

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

Tgt Ion:106 Resp: 124320
Ion Ratio Lower Upper
106 100
91 222.1 151.2 280.8

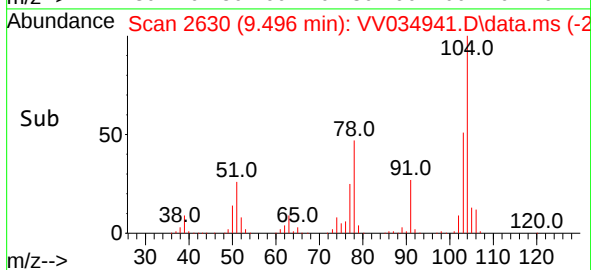
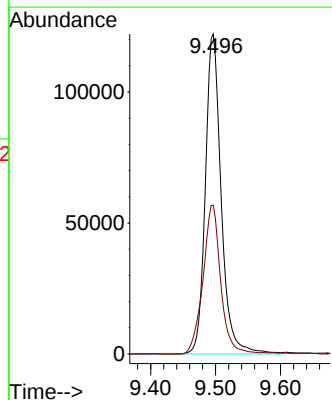
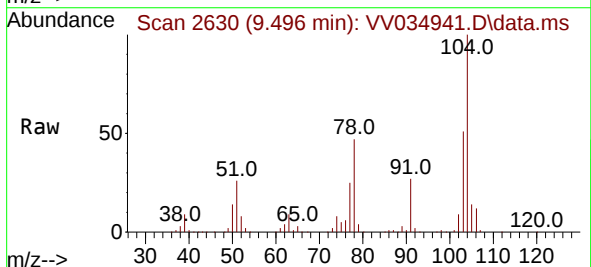
Manual Integrations
APPROVED

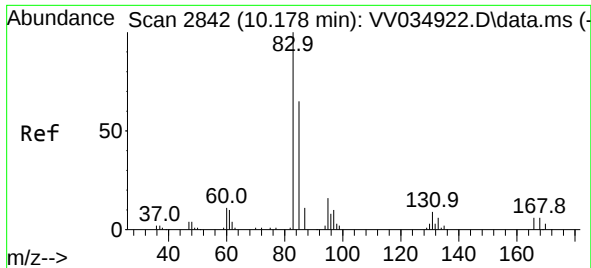
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



#55
Styrene
Concen: 5.455 ug/L
RT: 9.496 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV034941.D
Acq: 02 Apr 2024 19:09

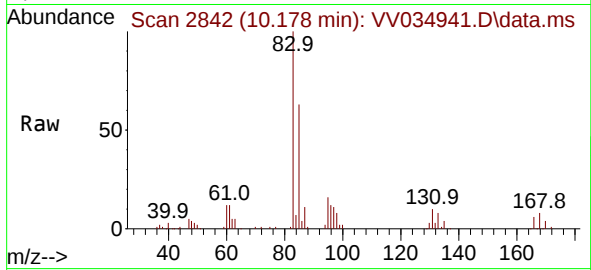
Tgt Ion:104 Resp: 207639
Ion Ratio Lower Upper
104 100
78 46.5 30.9 57.5





#57
1,1,2,2-Tetrachloroethane
Concen: 5.832 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VV034941.D
Acq: 02 Apr 2024 19:09

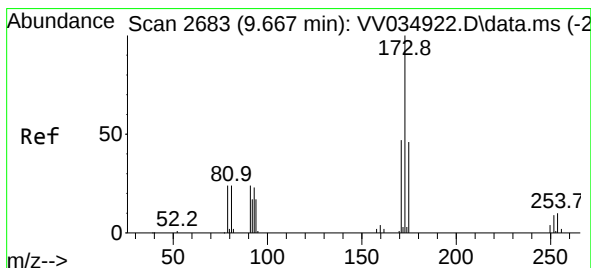
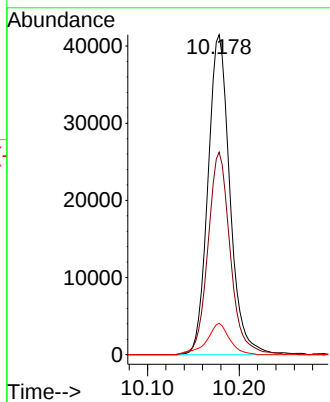
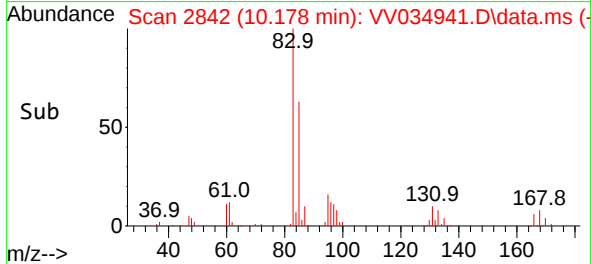
Instrument : MSVOA_V
ClientSampleId : PMW-9D(20240327)MSD



Tgt Ion: 83 Resp: 6873
Ion Ratio Lower Upper
83 100
85 63.3 45.7 84.9
131 9.8 7.6 11.4

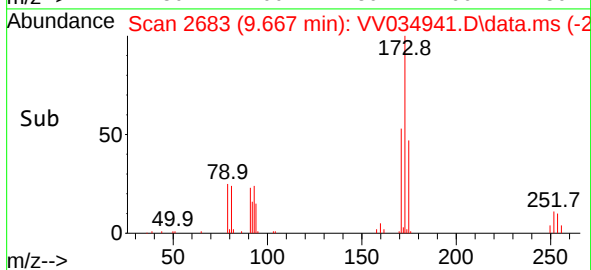
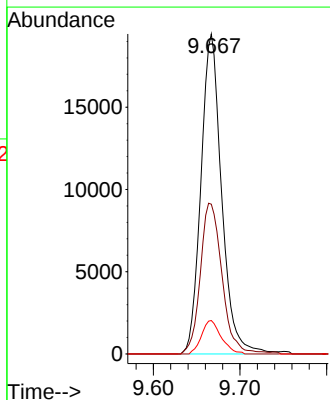
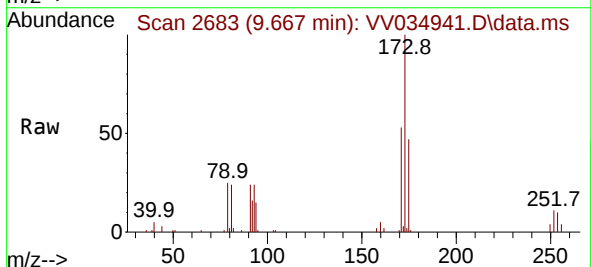
Manual Integrations
APPROVED

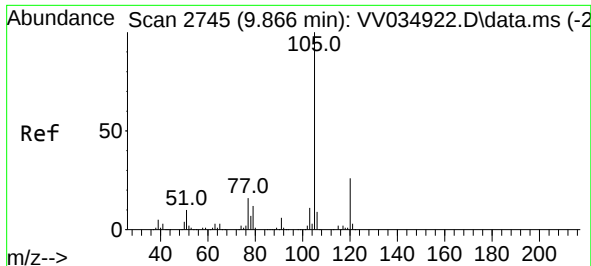
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



#59
Bromoform
Concen: 4.776 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. -0.000 min
Lab File: VV034941.D
Acq: 02 Apr 2024 19:09

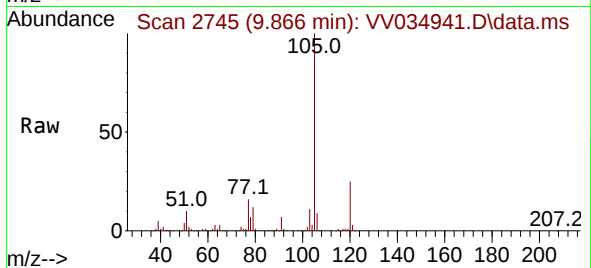
Tgt Ion:173 Resp: 32360
Ion Ratio Lower Upper
173 100
175 49.3 37.8 56.8
254 9.9 7.8 11.6





#60
Isopropylbenzene
Concen: 4.655 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034941.D
Acq: 02 Apr 2024 19:09

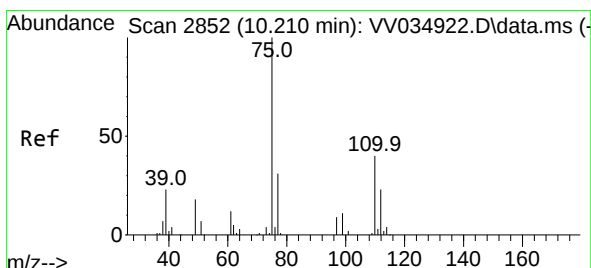
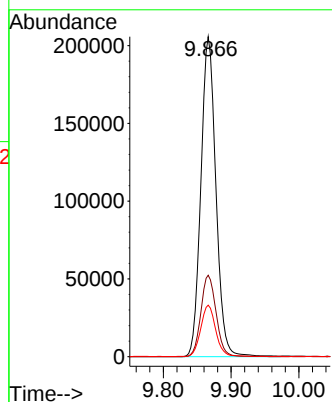
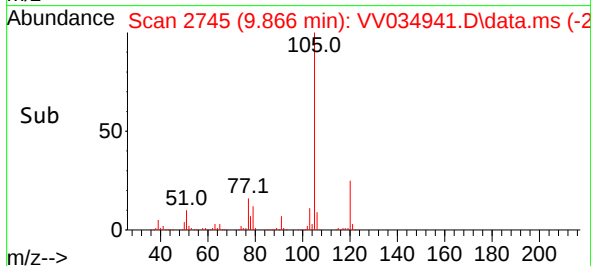
Instrument :
MSVOA_V
ClientSampleId :
PMW-9D(20240327)MSD



Tgt Ion:105 Resp: 31719
Ion Ratio Lower Upper
105 100
120 25.7 21.0 31.4
77 15.8 13.4 20.2

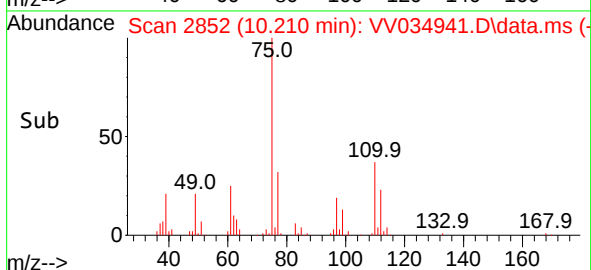
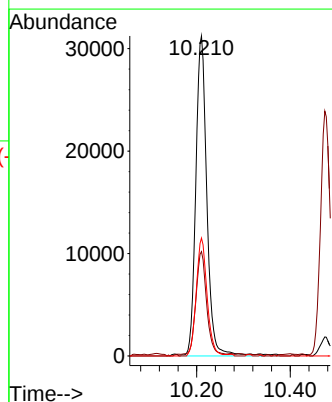
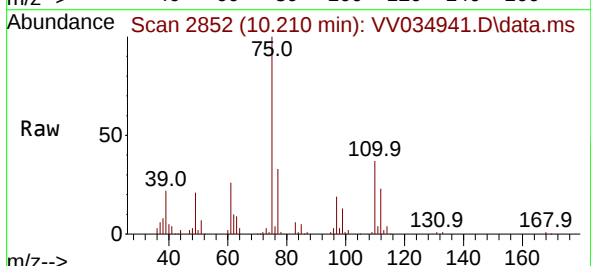
Manual Integrations
APPROVED

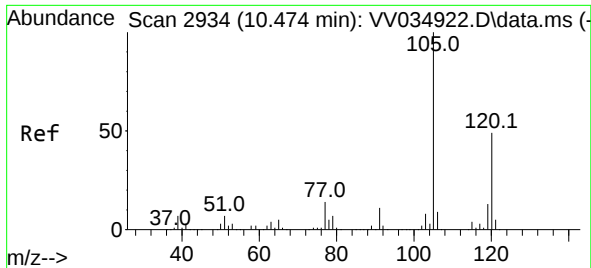
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



#61
1,2,3-Trichloropropane
Concen: 5.057 ug/L m
RT: 10.210 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VV034941.D
Acq: 02 Apr 2024 19:09

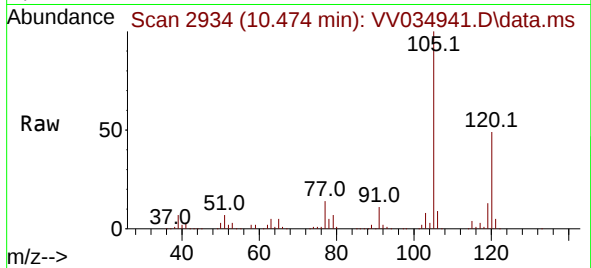
Tgt Ion: 75 Resp: 51461
Ion Ratio Lower Upper
75 100
77 0.0 24.8 37.2#
110 225.4 31.0 46.6#





#62
1,3,5-Trimethylbenzene
Concen: 4.660 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. -0.000 min
Lab File: VV034941.D
Acq: 02 Apr 2024 19:09

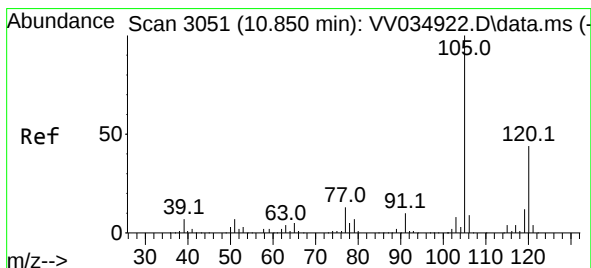
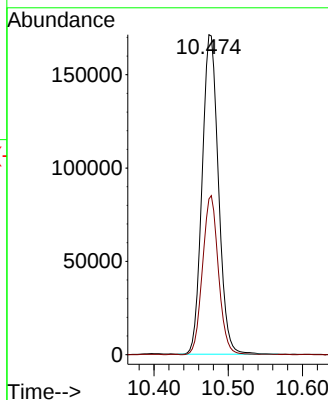
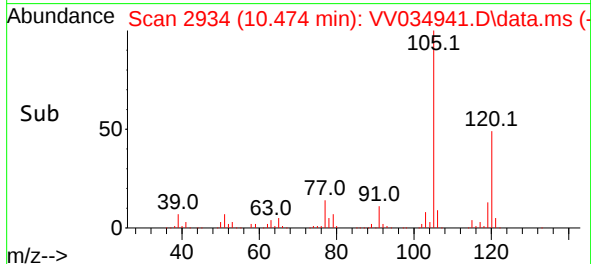
Instrument : MSVOA_V
ClientSampleId : PMW-9D(20240327)MSD



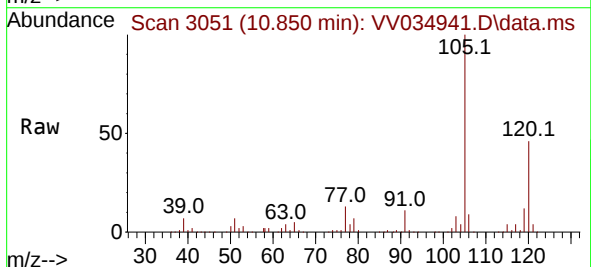
Tgt Ion:105 Resp: 260839
Ion Ratio Lower Upper
105 100
120 48.5 39.2 58.8

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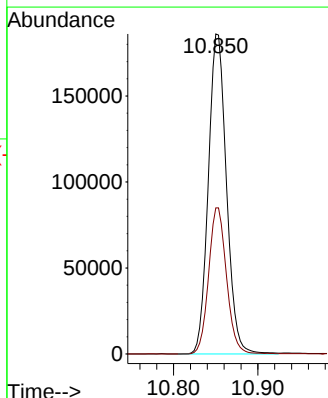
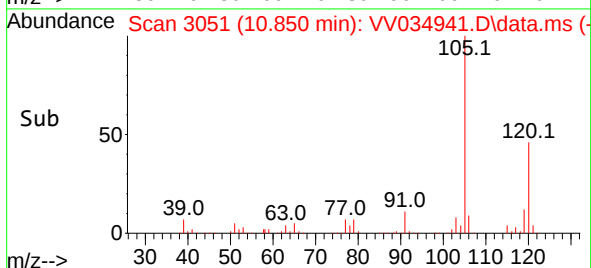
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024

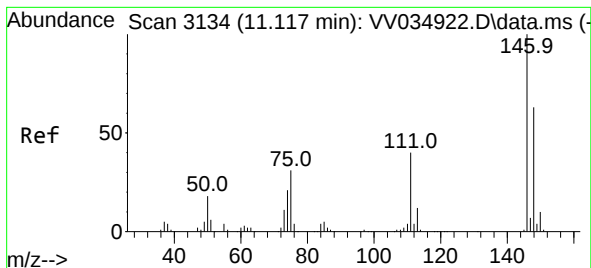


#63
1,2,4-Trimethylbenzene
Concen: 4.902 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. -0.000 min
Lab File: VV034941.D
Acq: 02 Apr 2024 19:09



Tgt Ion:105 Resp: 278333
Ion Ratio Lower Upper
105 100
120 45.1 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 101.533 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. -0.000 min

Lab File: VV034941.D

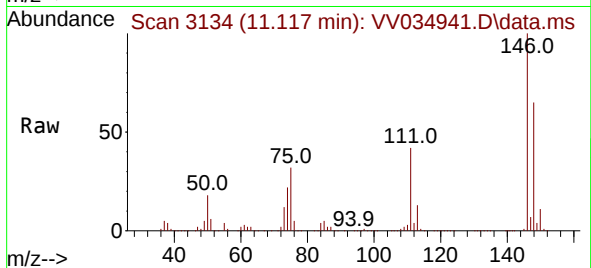
Acq: 02 Apr 2024 19:09

Instrument :

MSVOA_V

ClientSampleId :

PMW-9D(20240327)MSD



Tgt Ion:146 Resp: 3530504

Ion Ratio Lower Upper

146 100

111 41.8 27.7 51.5

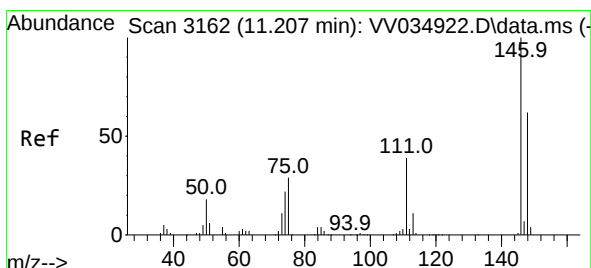
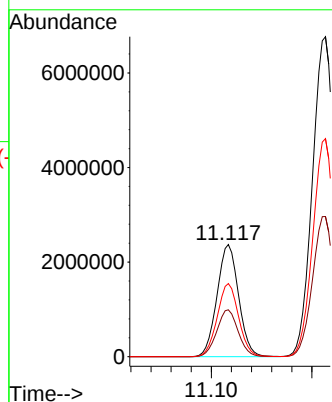
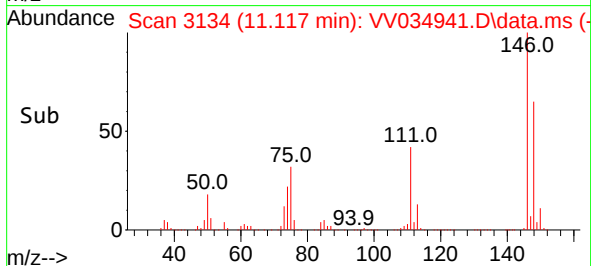
148 65.2 44.0 81.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/05/2024

Supervised By :Semsettin Yesilyurt 04/05/2024



#65

1,4-Dichlorobenzene

Concen: 299.109 ug/L

RT: 11.213 min Scan# 3164

Delta R.T. 0.006 min

Lab File: VV034941.D

Acq: 02 Apr 2024 19:09

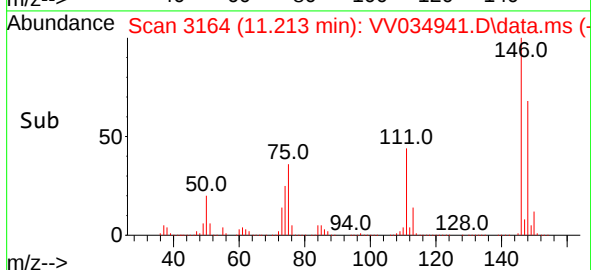
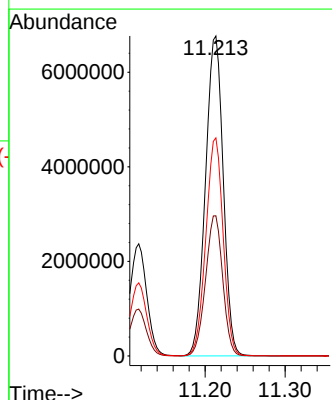
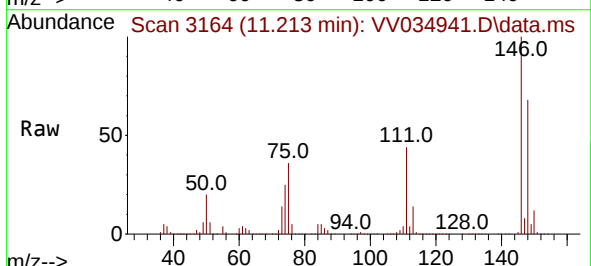
Tgt Ion:146 Resp:10416741

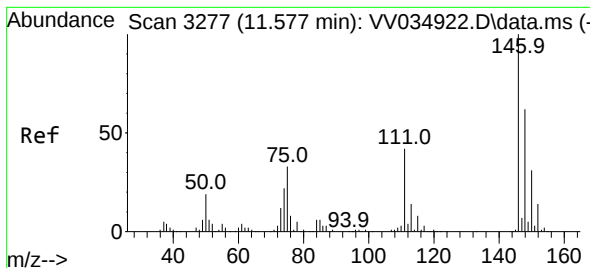
Ion Ratio Lower Upper

146 100

111 43.8 27.3 50.7

148 68.2 43.5 80.7





#67

1,2-Dichlorobenzene

Concen: 34.445 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV034941.D

Acq: 02 Apr 2024 19:09

Instrument :

MSVOA_V

ClientSampleId :

PMW-9D(20240327)MSD

Tgt Ion:146 Resp: 1106474

Ion Ratio Lower Upper

146 100

111 42.3 33.9 50.9

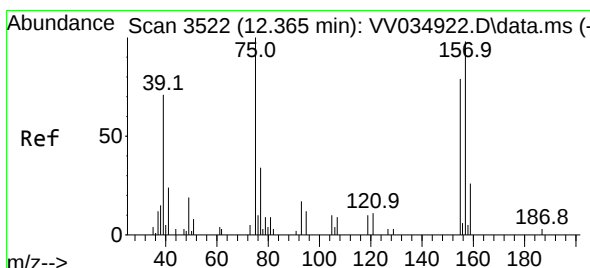
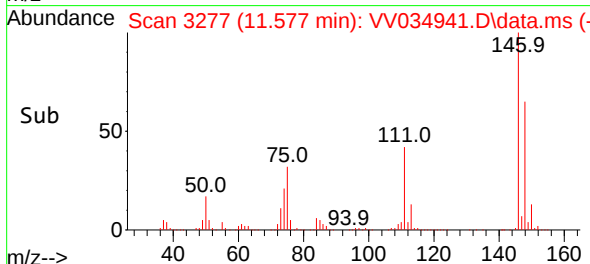
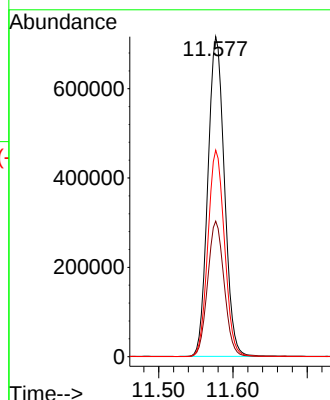
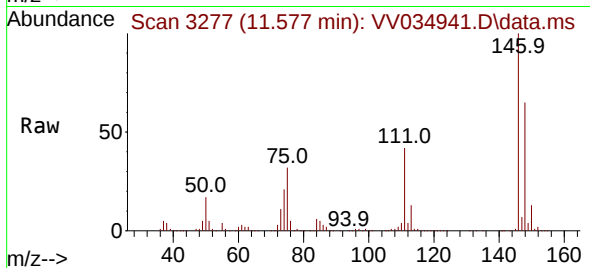
148 64.6 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/05/2024

Supervised By :Semsettin Yesilyurt 04/05/2024



#68

1,2-Dibromo-3-chloropropane

Concen: 6.401 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.000 min

Lab File: VV034941.D

Acq: 02 Apr 2024 19:09

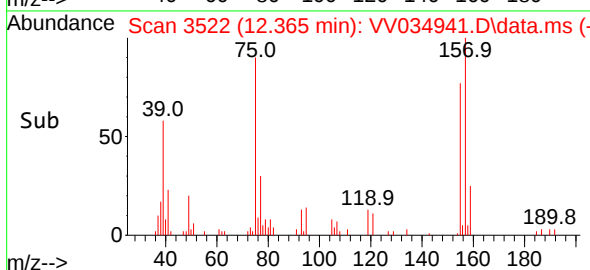
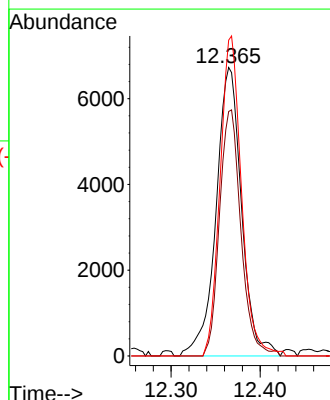
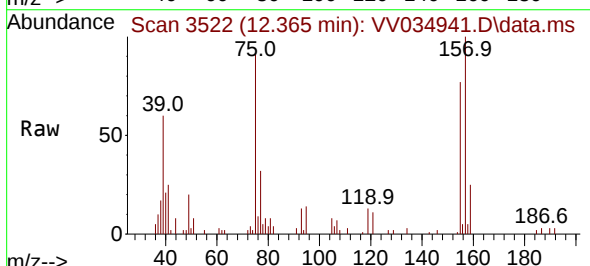
Tgt Ion: 75 Resp: 13391

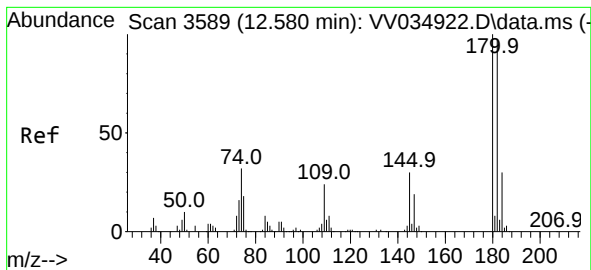
Ion Ratio Lower Upper

75 100

155 84.8 63.4 95.0

157 109.5 78.6 117.8





#69

1,3,5-Trichlorobenzene

Concen: 5.845 ug/L

RT: 12.583 min Scan# 3589

Delta R.T. 0.003 min

Lab File: VV034941.D

Acq: 02 Apr 2024 19:09

Instrument :

MSVOA_V

ClientSampleId :

PMW-9D(20240327)MSD

Tgt Ion:180 Resp: 15259

Ion Ratio Lower Upper

180 100

182 97.3 77.3 115.9

184 30.4 24.1 36.1

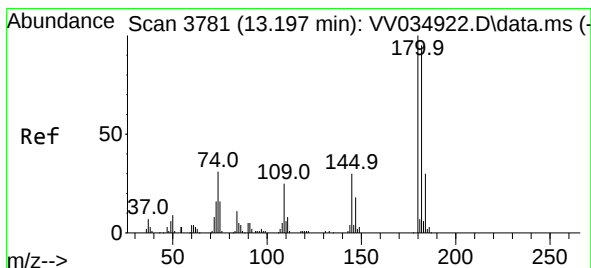
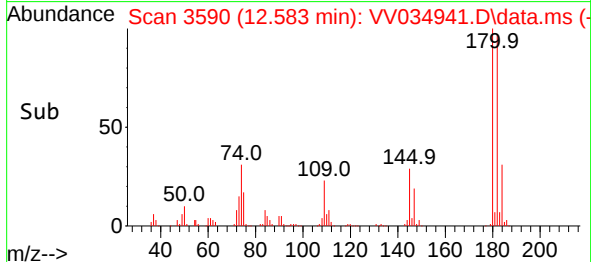
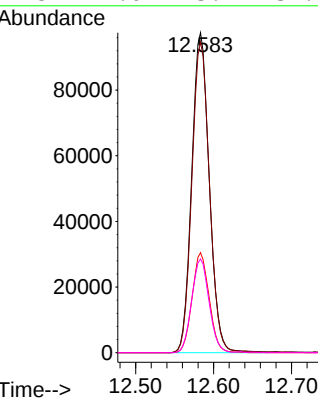
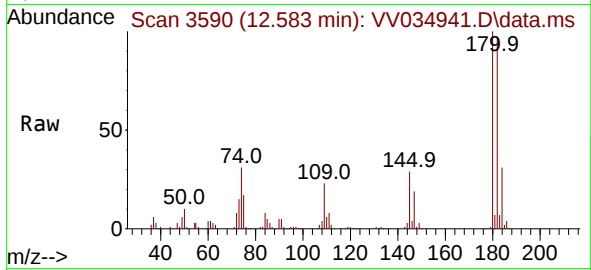
145 29.0 23.1 34.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/05/2024

Supervised By :Semsettin Yesilyurt 04/05/2024



#70

1,2,4-trichlorobenzene

Concen: 1163.407 ug/L m

RT: 13.207 min Scan# 3784

Delta R.T. 0.010 min

Lab File: VV034941.D

Acq: 02 Apr 2024 19:09

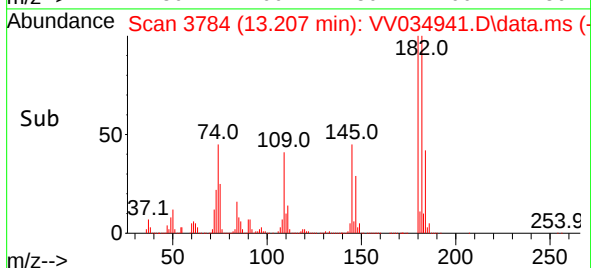
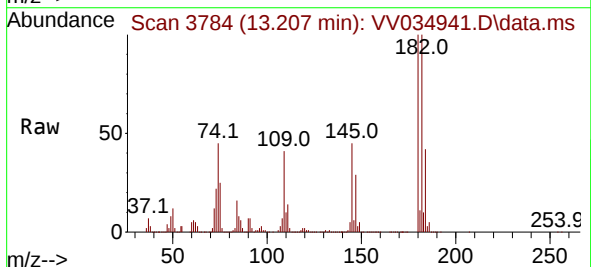
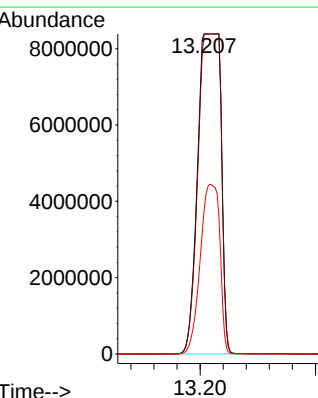
Tgt Ion:180 Resp:23595360

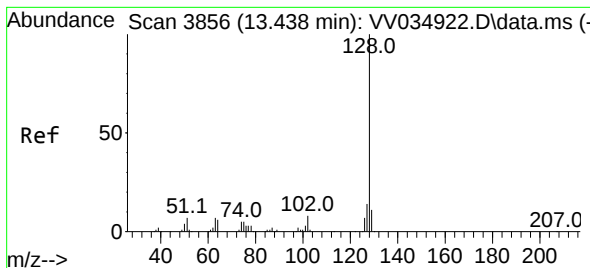
Ion Ratio Lower Upper

180 100

182 0.0 75.3 112.9#

145 0.0 23.4 35.0#





#71

Naphthalene

Concen: 6.320 ug/L

RT: 13.442 min Scan# 3856

Delta R.T. 0.003 min

Lab File: VV034941.D

Acq: 02 Apr 2024 19:09

Instrument :

MSVOA_V

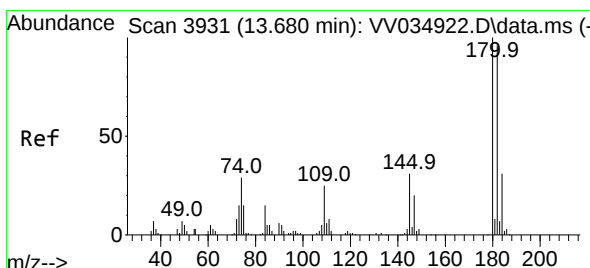
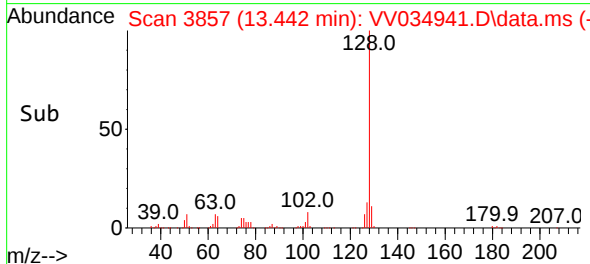
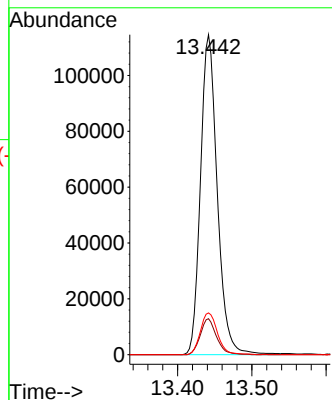
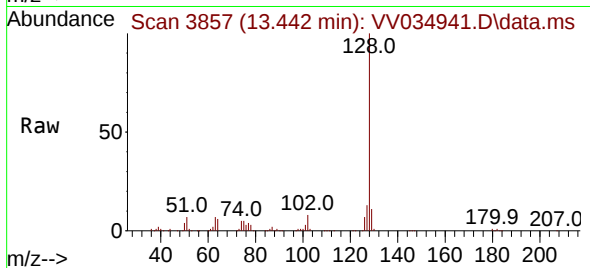
ClientSampleId :

PMW-9D(20240327)MSD

Tgt Ion:128	Resp: 18013
Ion Ratio	Lower Upper
128 100	
129 10.9	8.6 12.8
127 13.4	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: 106.004 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV034941.D

Acq: 02 Apr 2024 19:09

Tgt Ion:180	Resp: 1890772
Ion Ratio	Lower Upper
180 100	
182 95.7	77.0 115.4
145 31.7	25.4 38.2

