

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061724\
 Data File : VW036105.D
 Acq On : 17 Jun 2024 17:42
 Operator : SY/MD
 Sample : P2909-06MS
 Misc : 5.01g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4B84MS

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/20/2024
 Supervised By :Semsettin Yesilyurt 06/20/2024

Quant Time: Jun 18 02:13:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 18 02:10:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	209719	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	169051	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	50369	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	131019	33.981	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 135.920%	
7) Chloroethane-d5	1.526	69	109076	35.479	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 141.920%	
11) 1,1-Dichloroethene-d2	2.050	65	54640	31.833	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 127.320%#	
21) 2-Butanone-d5	3.818	46	21978	24.844	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 49.680%	
24) Chloroform-d	4.246	84	209781	31.464	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 125.840%	
26) 1,2-Dichloroethane-d4	4.940	65	105422	30.157	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 120.640%	
32) Benzene-d6	4.957	84	373979	37.216	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 148.880%#	
36) 1,2-Dichloropropane-d6	5.985	67	119488	37.759	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 151.040%#	
41) Toluene-d8	7.243	98	280554	31.642	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 126.560%	
43) trans-1,3-Dichloroprop...	7.558	79	31788	24.499	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 98.000%	
47) 2-Hexanone-d5	8.037	63	13784	32.150	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 64.300%	
56) 1,1,2,2-Tetrachloroeth...	10.152	84	60801	25.712	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 102.840%	
66) 1,2-Dichlorobenzene-d4	11.561	152	38417	20.799	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 83.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	131290	34.720	ug/L	99
3) Chloromethane	1.214	50	149338	34.412	ug/L	99
5) Vinyl chloride	1.278	62	167002	36.554	ug/L	99
6) Bromomethane	1.481	94	72552	25.599	ug/L	98
8) Chloroethane	1.542	64	107133	37.726	ug/L	98
9) Trichlorofluoromethane	1.706	101	209647	36.951	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	118494	32.908	ug/L	99
12) 1,1-Dichloroethene	2.063	96	116448	34.674	ug/L	96
13) Acetone	2.121	43	40569m	29.440	ug/L	
14) Carbon disulfide	2.233	76	331104	28.391	ug/L	99
15) Methyl Acetate	2.381	43	26264	15.334	ug/L	99
16) Methylene chloride	2.442	84	213953	45.085	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	112489	31.532	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	242668	30.300	ug/L	97
19) 1,1-Dichloroethane	3.108	63	233982	34.441	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	107411	29.964	ug/L	99
22) 2-Butanone	3.892	43	40219	34.397	ug/L	85
23) Bromochloromethane	4.146	128	55216	30.708	ug/L	99
25) Chloroform	4.272	83	230795	33.025	ug/L	99

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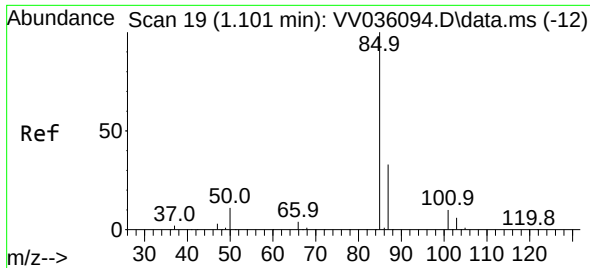
Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/20/2024
 Supervised By :Semsettin Yesilyurt 06/20/2024

Quant Time: Jun 18 02:13:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 18 02:10:19 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	136290	31.237	ug/L	99
29) Cyclohexane	4.577	56	121007	30.064	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	193101	41.782	ug/L	99
31) Carbon tetrachloride	4.728	117	160382	39.557	ug/L	100
33) Benzene	5.008	78	453171	40.987	ug/L	100
34) Trichloroethene	5.831	95	111744	32.976	ug/L	99
35) Methylcyclohexane	6.047	83	110631	23.608	ug/L	95
37) 1,2-Dichloropropane	6.092	63	115972	39.946	ug/L	99
38) Bromodichloromethane	6.432	83	144405	37.580	ug/L	100
39) cis-1,3-Dichloropropene	6.956	75	97699	22.500	ug/L	100
40) 4-Methyl-2-pentanone	7.162	43	86307	54.718	ug/L	100
42) Toluene	7.313	91	383892	33.980	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	90544	24.141	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	80448	33.490	ug/L	99
46) Tetrachloroethene	7.905	164	69861	28.189	ug/L	98
48) 2-Hexanone	8.082	43	53382	43.290	ug/L #	91
49) Dibromochloromethane	8.175	129	81170	30.875	ug/L	99
50) 1,2-Dibromoethane	8.284	107	67359	29.224	ug/L	98
51) Chlorobenzene	8.815	112	185216	24.061	ug/L	100
52) Ethylbenzene	8.947	91	293331	24.267	ug/L	99
53) m,p-Xylene	9.072	106	106457	23.439	ug/L	99
54) o-Xylene	9.477	106	96650	22.565	ug/L	98
55) Styrene	9.497	104	138429	18.328	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	55811	25.947	ug/L	99
59) Bromoform	9.664	173	40360	42.489	ug/L	99
60) Isopropylbenzene	9.866	105	236590	36.612	ug/L	98
61) 1,2,3-Trichloropropane	10.210	75	55569	46.647	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	121809	25.995	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	119442	23.658	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	74134	21.845	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	71775	20.491	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	64645	20.243	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	9022	33.868	ug/L	96
69) 1,3,5-Trichlorobenzene	12.583	180	27583	10.866	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	16350	8.180	ug/L	99
71) Naphthalene	13.442	128	27844	8.536	ug/L	96
72) 1,2,3-Trichlorobenzene	13.680	180	12253	6.718	ug/L	97

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



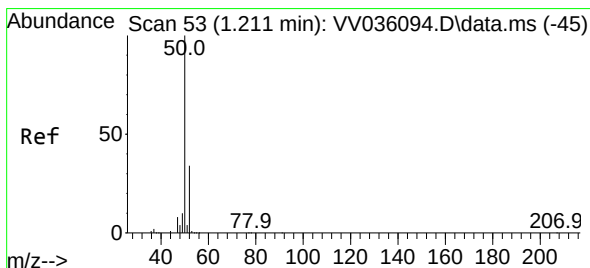
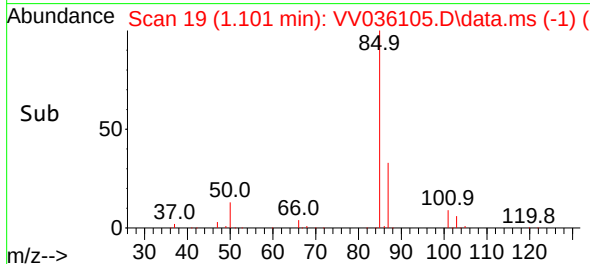
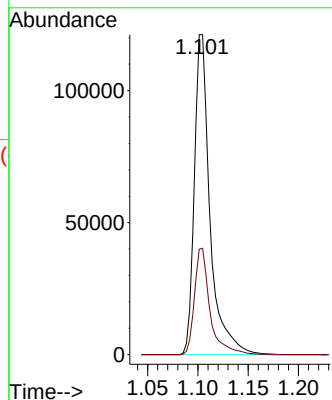
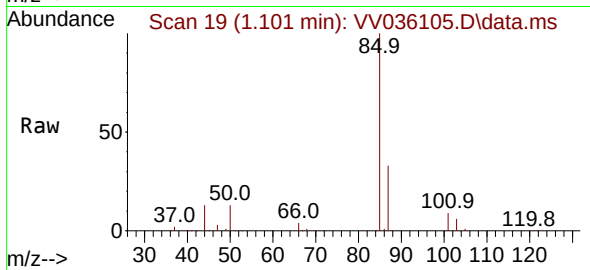
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Dichlorodifluoromethane
Concen: 34.720 ug/L
RT: 1.101 min Scan# 19
Delta R.T. 0.000 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

Instrument :
MSVOA_V
ClientSampleId :
A4B84MS

Tgt Ion: 85 Resp: 131290
Ion Ratio Lower Upper
85 100
87 33.0 25.9 38.9

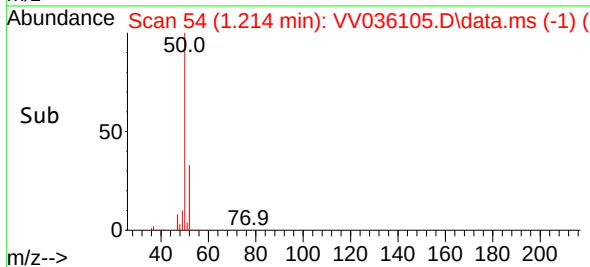
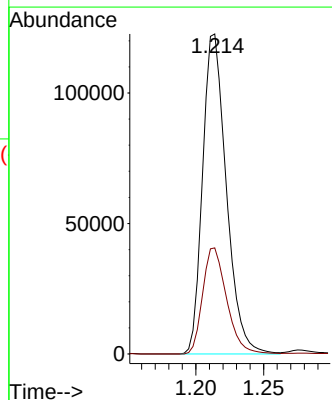
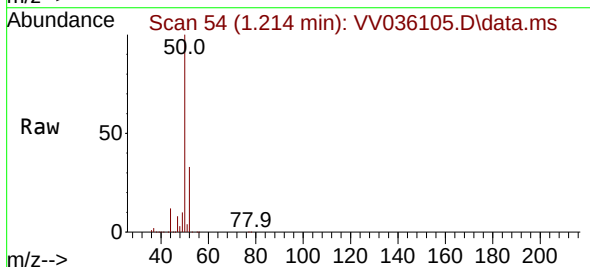
Manual Integrations
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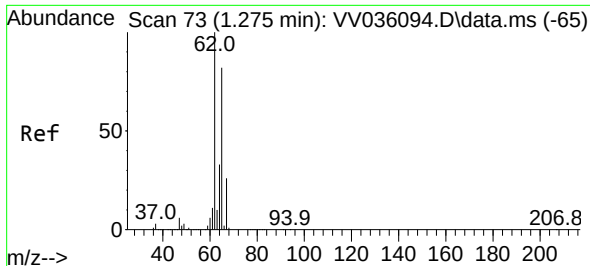
Reviewed By :Mahesh Dadoda 06/20/2024
Supervised By :Semsettin Yesilyurt 06/20/2024



#3
Chloromethane
Concen: 34.412 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.003 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

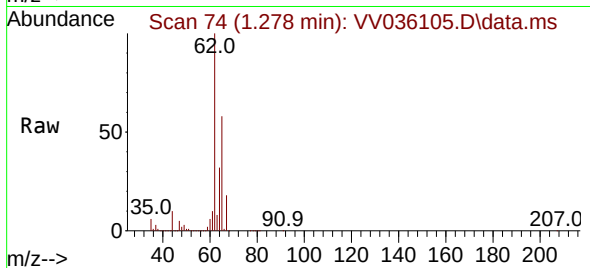
Tgt Ion: 50 Resp: 149338
Ion Ratio Lower Upper
50 100
52 33.2 22.8 42.4





#5
Vinyl chloride
Concen: 36.554 ug/L
RT: 1.278 min Scan# 74
Delta R.T. 0.003 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

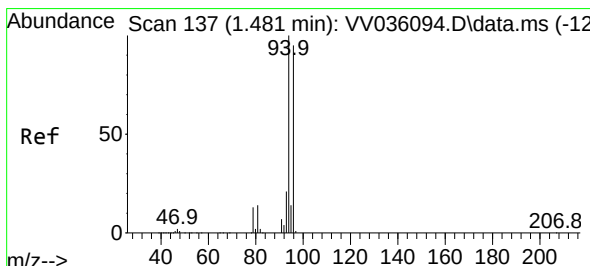
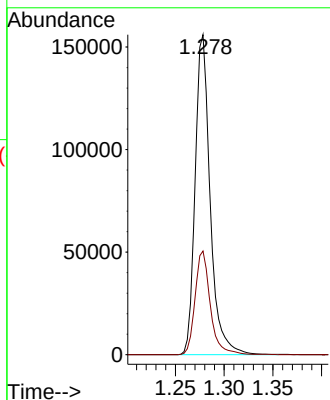
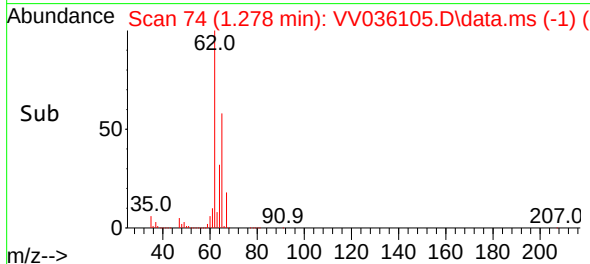
Instrument :
MSVOA_V
ClientSampleId :
A4B84MS



Tgt Ion: 62 Resp: 167002
Ion Ratio Lower Upper
62 100
64 32.4 22.9 42.5

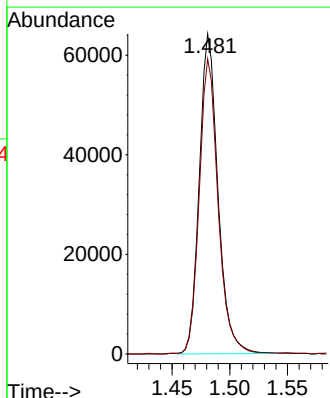
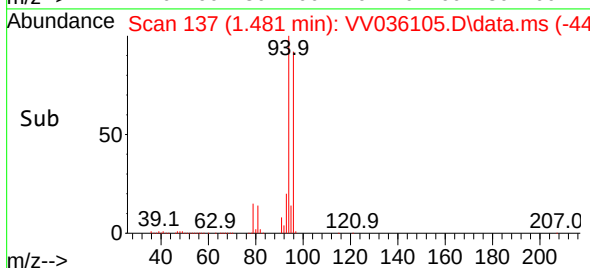
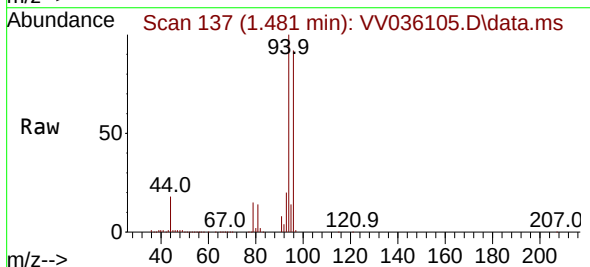
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APPROVED

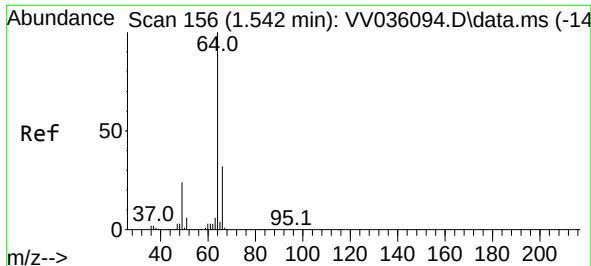
Reviewed By :Mahesh Dadoda 06/20/2024
Supervised By :Semsettin Yesilyurt 06/20/2024



#6
Bromomethane
Concen: 25.599 ug/L
RT: 1.481 min Scan# 137
Delta R.T. 0.000 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

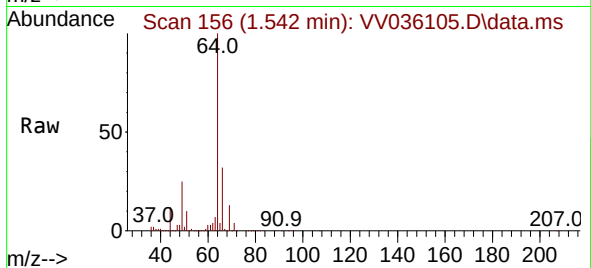
Tgt Ion: 94 Resp: 72552
Ion Ratio Lower Upper
94 100
96 92.2 65.7 122.1





#8
Chloroethane
Concen: 37.726 ug/L
RT: 1.542 min Scan# 156
Delta R.T. 0.000 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

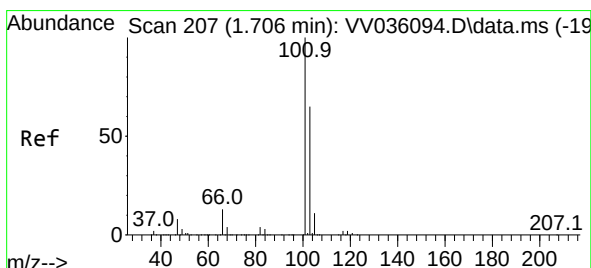
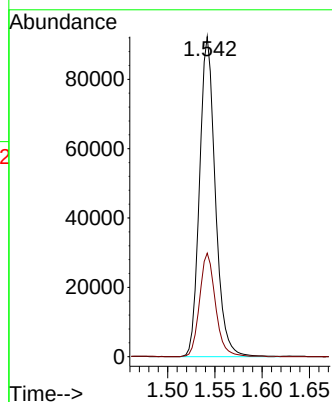
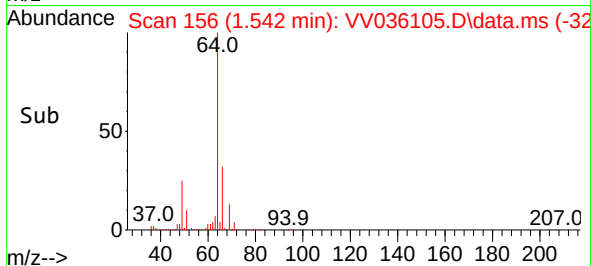
Instrument :
MSVOA_V
ClientSampleId :
A4B84MS



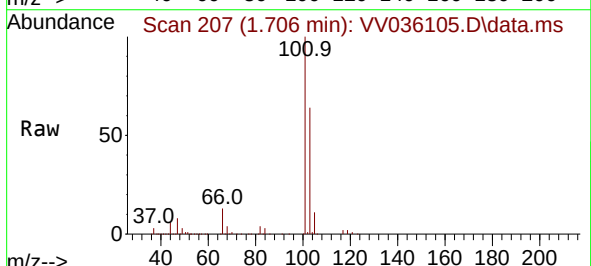
Tgt Ion: 64 Resp: 10713
Ion Ratio Lower Upper
64 100
66 32.4 22.0 41.0

Manual Integrations
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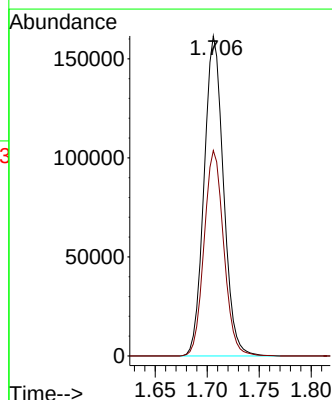
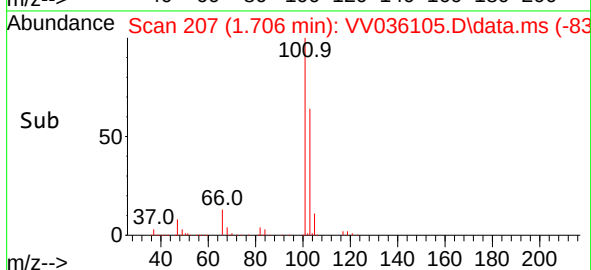
Reviewed By :Mahesh Dadoda 06/20/2024
Supervised By :Semsettin Yesilyurt 06/20/2024

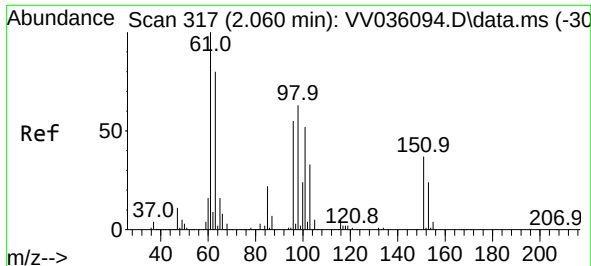


#9
Trichlorofluoromethane
Concen: 36.951 ug/L
RT: 1.706 min Scan# 207
Delta R.T. 0.000 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42



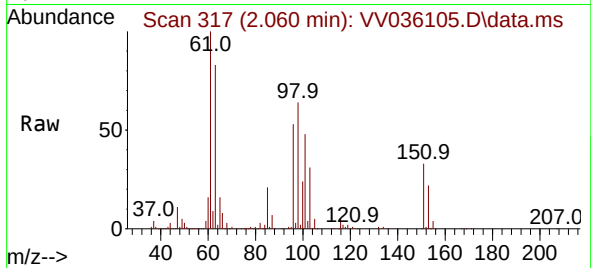
Tgt Ion:101 Resp: 209647
Ion Ratio Lower Upper
101 100
103 65.0 51.8 77.8





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 32.908 ug/L
RT: 2.060 min Scan# 317
Delta R.T. 0.000 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

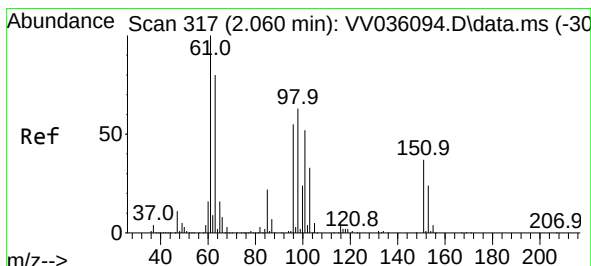
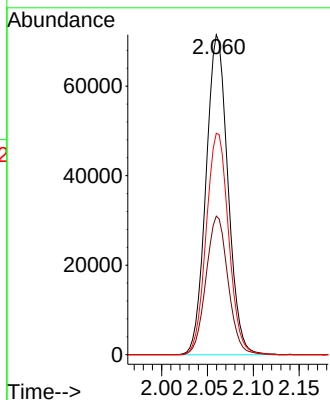
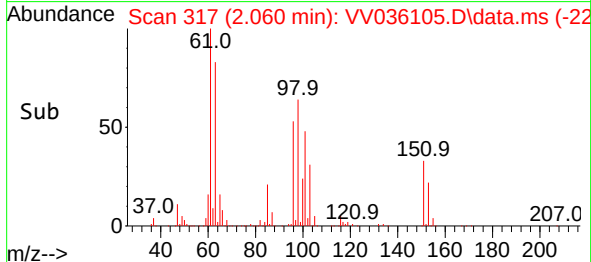
Instrument :
MSVOA_V
ClientSampleId :
A4B84MS



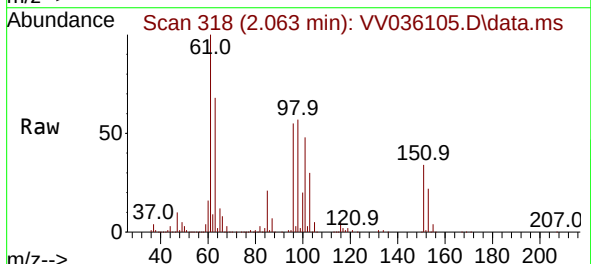
Tgt Ion:101 Resp: 118494
Ion Ratio Lower Upper
101 100
85 43.6 34.5 51.7
151 70.9 56.3 84.5

Manual Integrations
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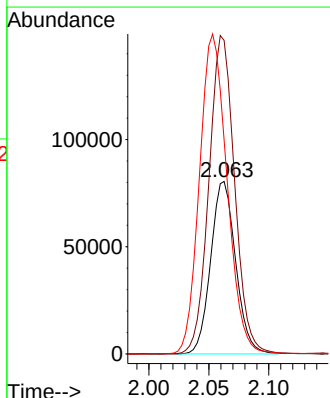
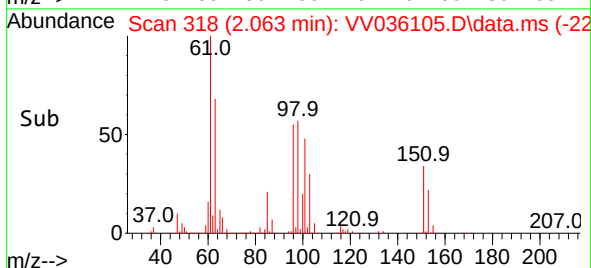
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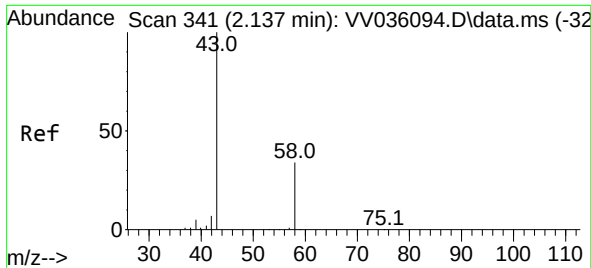


#12
1,1-Dichloroethene
Concen: 34.674 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.003 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42



Tgt Ion: 96 Resp: 116448
Ion Ratio Lower Upper
96 100
61 181.9 127.3 236.3
63 124.0 93.7 173.9





#13

Acetone

Concen: 29.440 ug/L m

RT: 2.121 min Scan# 31

Delta R.T. -0.016 min

Lab File: VV036105.D

Acq: 17 Jun 2024 17:42

Instrument :

MSVOA_V

ClientSampleId :

A4B84MS

Tgt Ion: 43 Resp: 40569

Ion Ratio Lower Upper

43 100

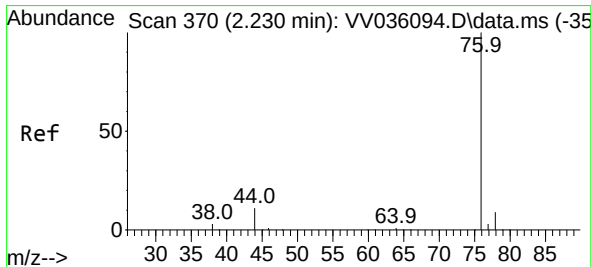
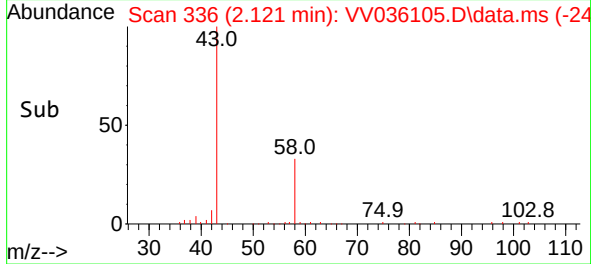
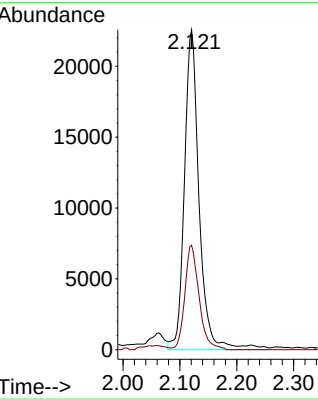
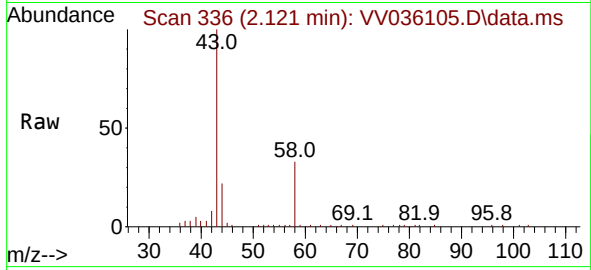
58 0.2 0.0 24.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/20/2024

Supervised By :Semsettin Yesilyurt 06/20/2024



#14

Carbon disulfide

Concen: 28.391 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.003 min

Lab File: VV036105.D

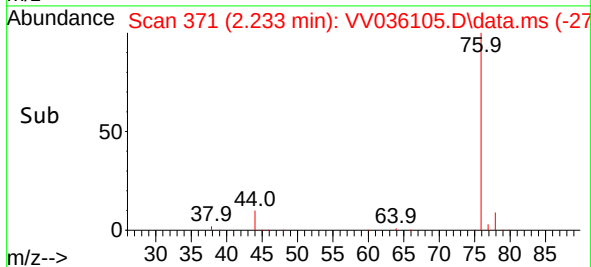
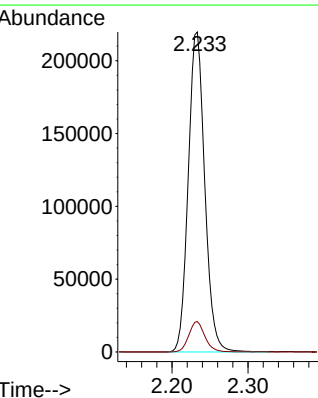
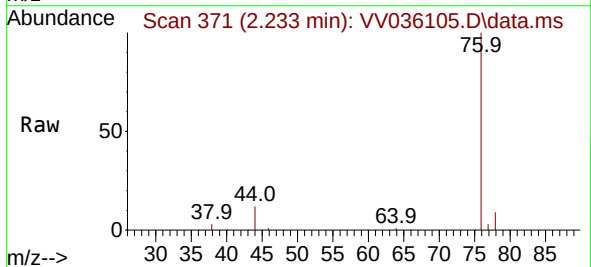
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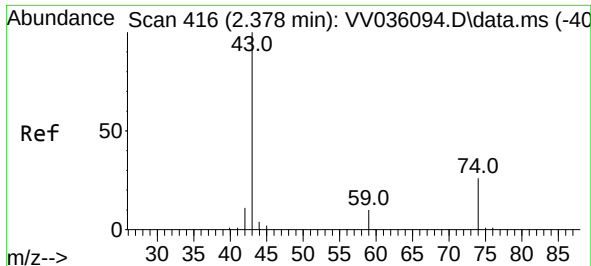
Tgt Ion: 76 Resp: 331104

Ion Ratio Lower Upper

76 100

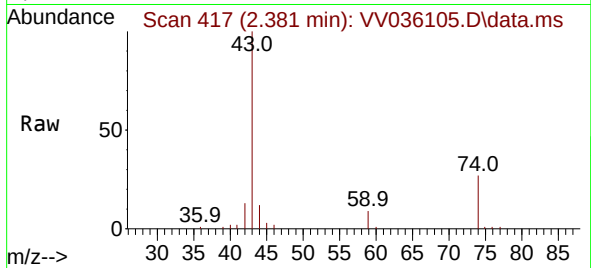
78 9.5 7.4 11.2





#15
Methyl Acetate
Concen: 15.334 ug/L
RT: 2.381 min Scan# 416
Delta R.T. 0.003 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

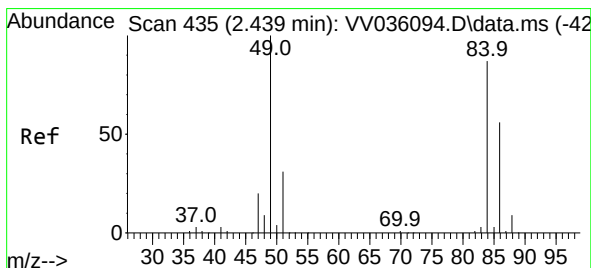
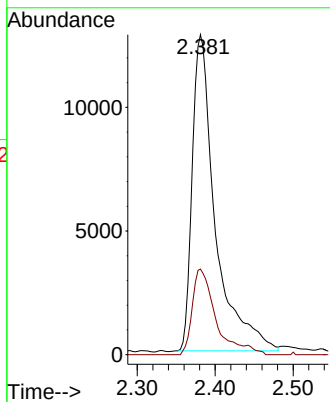
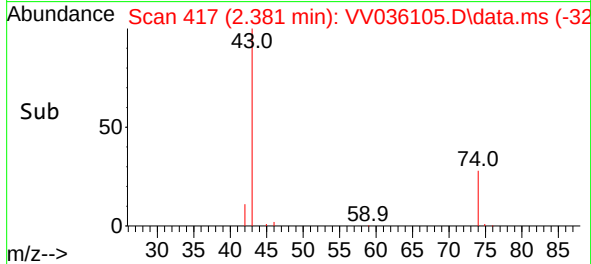
Instrument :
MSVOA_V
ClientSampleId :
A4B84MS



Tgt Ion: 43 Resp: 26264
Ion Ratio Lower Upper
43 100
74 26.3 21.4 32.2

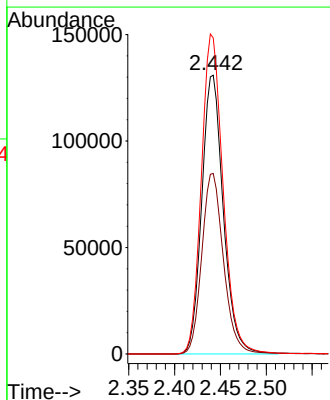
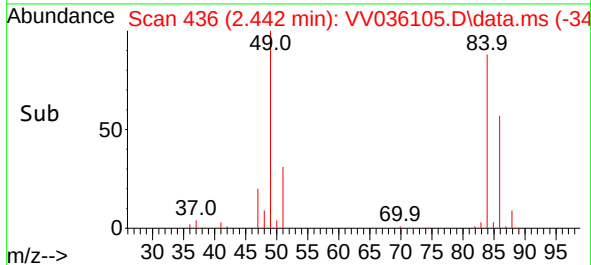
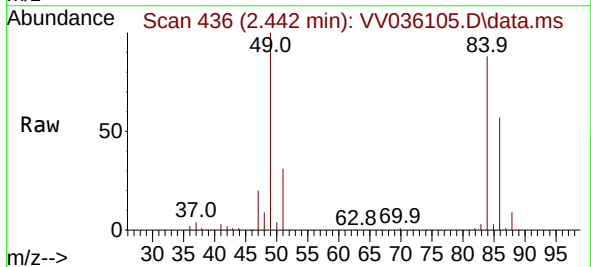
Manual Integrations
APPROVED

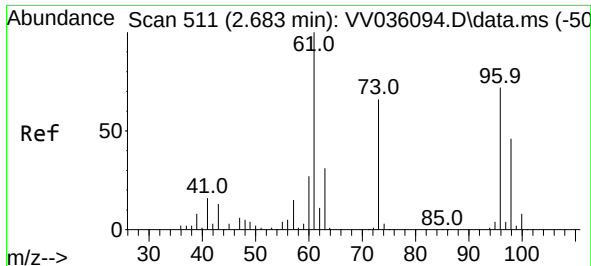
Reviewed By :Mahesh Dadoda 06/20/2024
Supervised By :Semsettin Yesilyurt 06/20/2024



#16
Methylene chloride
Concen: 45.085 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

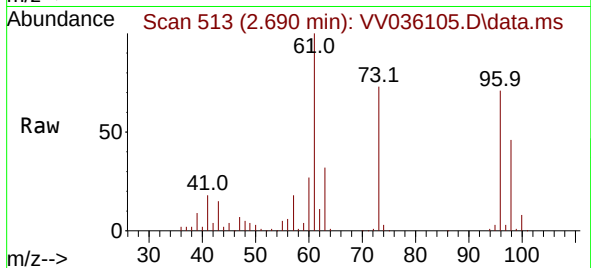
Tgt Ion: 84 Resp: 213953
Ion Ratio Lower Upper
84 100
86 64.7 44.6 82.8
49 113.4 81.1 150.5





#17
trans-1,2-Dichloroethene
Concen: 31.532 ug/L
RT: 2.690 min Scan# 511
Delta R.T. 0.006 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

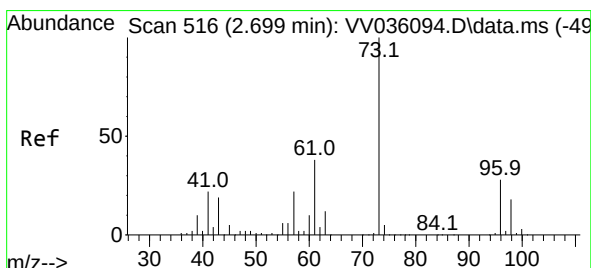
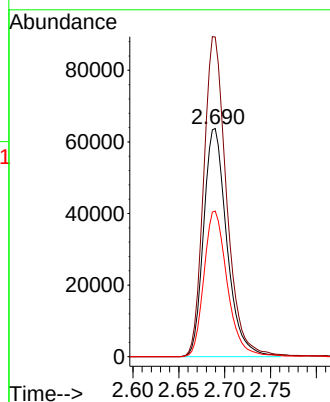
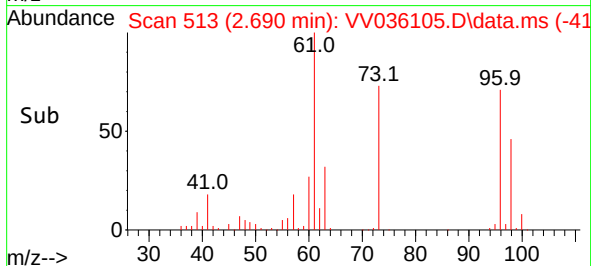
Instrument :
MSVOA_V
ClientSampleId :
A4B84MS



Tgt Ion: 96 Resp: 112489
Ion Ratio Lower Upper
96 100
61 140.2 99.4 184.6
98 63.9 44.9 83.3

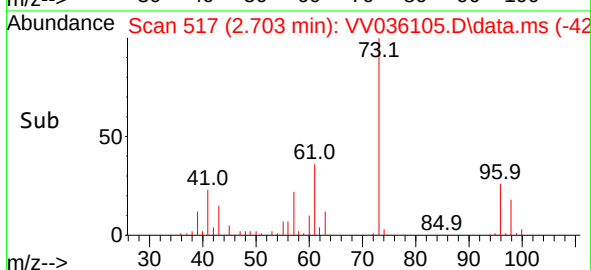
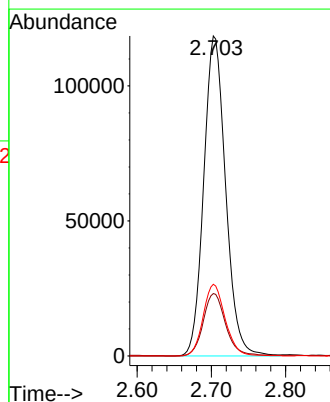
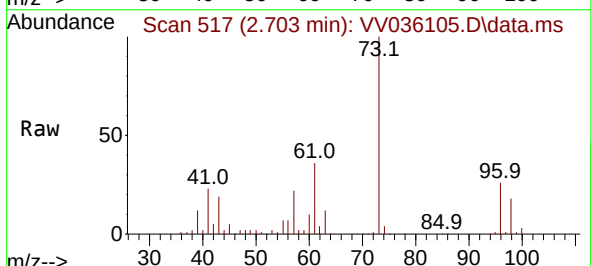
Manual Integrations
APPROVED

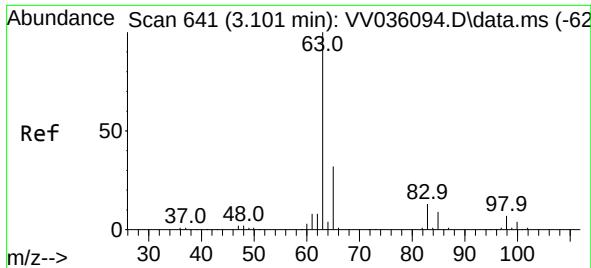
Reviewed By :Mahesh Dadoda 06/20/2024
Supervised By :Semsettin Yesilyurt 06/20/2024



#18
Methyl tert-butyl Ether
Concen: 30.300 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

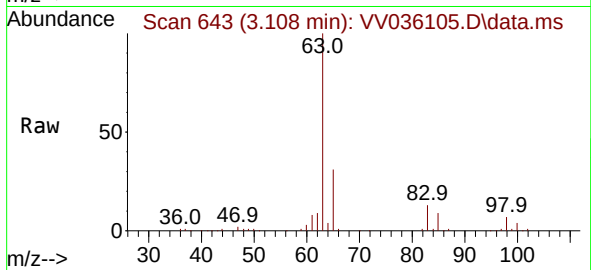
Tgt Ion: 73 Resp: 242668
Ion Ratio Lower Upper
73 100
43 20.3 14.3 21.5
57 22.5 17.8 26.6





#19
1,1-Dichloroethane
Concen: 34.441 ug/L
RT: 3.108 min Scan# 641
Delta R.T. 0.006 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

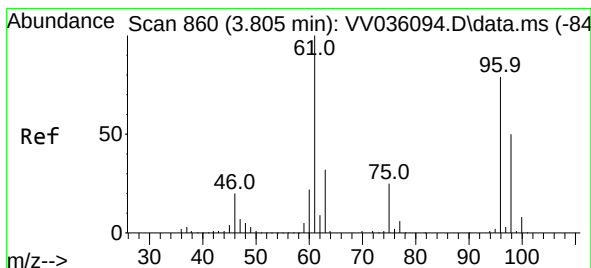
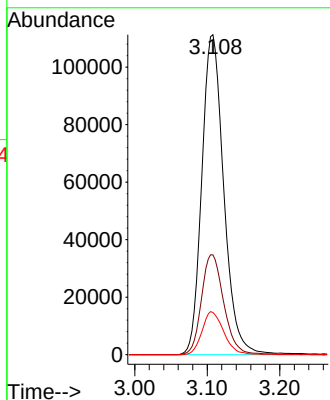
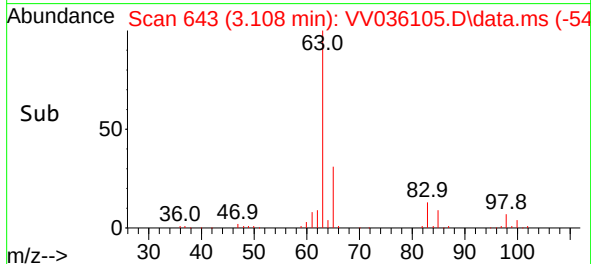
Instrument :
MSVOA_V
ClientSampleId :
A4B84MS



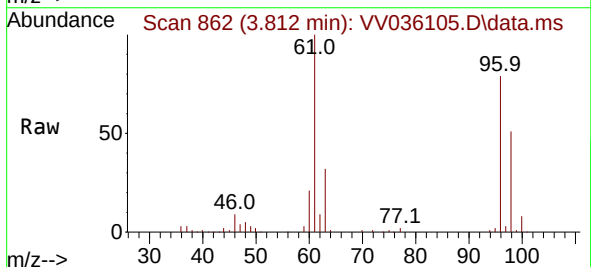
Tgt Ion: 63 Resp: 23398
Ion Ratio Lower Upper
63 100
65 31.2 22.4 41.6
83 13.2 9.2 17.0

Manual Integrations
APPROVED

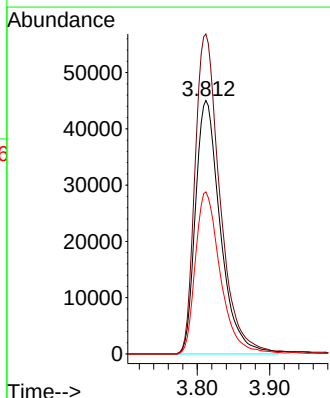
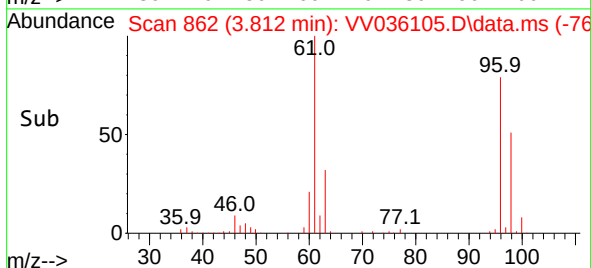
Reviewed By :Mahesh Dadoda 06/20/2024
Supervised By :Semsettin Yesilyurt 06/20/2024

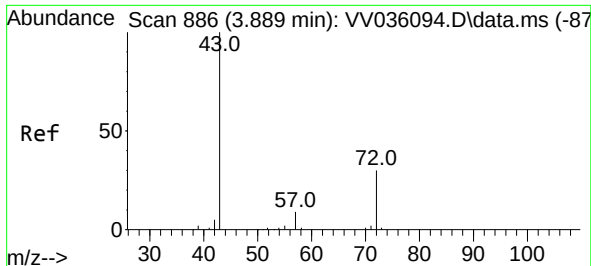


#20
cis-1,2-Dichloroethene
Concen: 29.964 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42



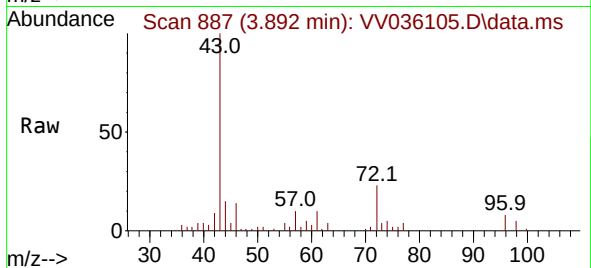
Tgt Ion: 96 Resp: 107411
Ion Ratio Lower Upper
96 100
61 126.3 87.9 163.3
98 64.0 44.4 82.5





#22
2-Butanone
Concen: 34.397 ug/L
RT: 3.892 min Scan# 886
Delta R.T. 0.003 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

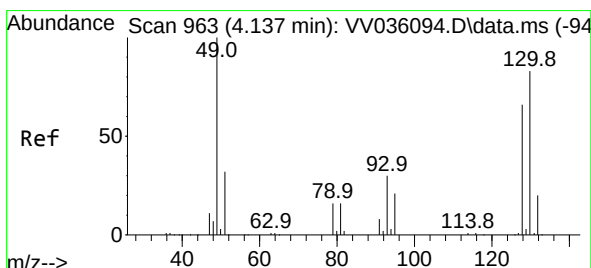
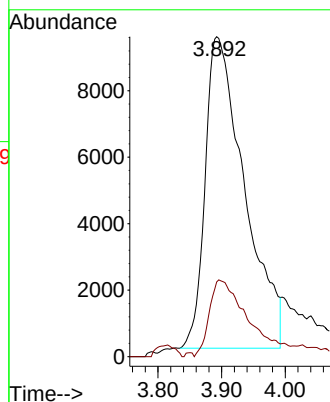
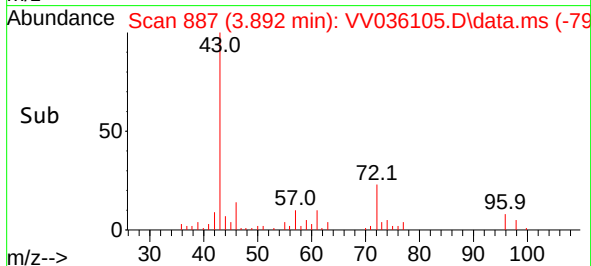
Instrument :
MSVOA_V
ClientSampleId :
A4B84MS



Tgt Ion: 43 Resp: 40219
Ion Ratio Lower Upper
43 100
72 22.7 8.2 24.4

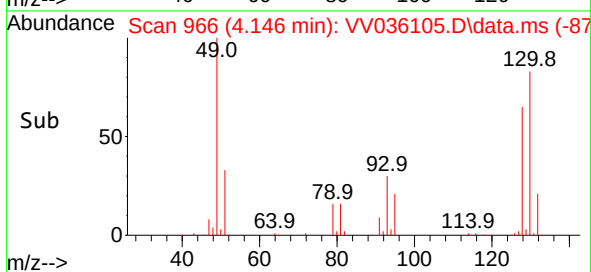
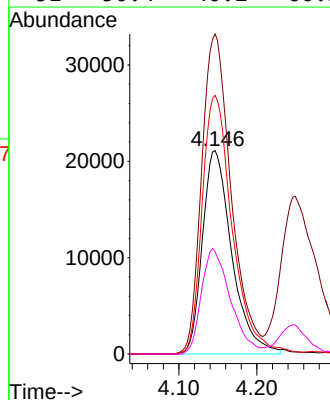
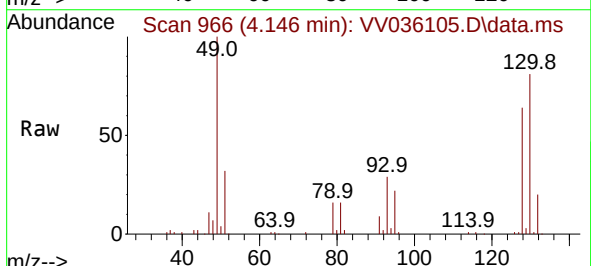
Manual Integrations
APPROVED

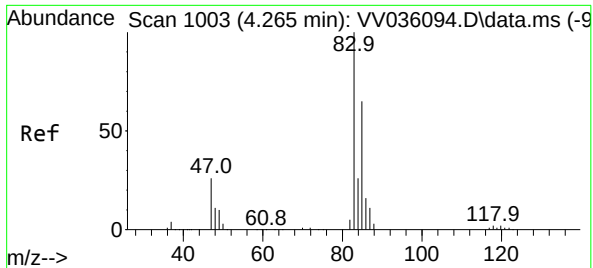
Reviewed By :Mahesh Dadoda 06/20/2024
Supervised By :Semsettin Yesilyurt 06/20/2024



#23
Bromochloromethane
Concen: 30.708 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.010 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

Tgt Ion:128 Resp: 55216
Ion Ratio Lower Upper
128 100
49 157.4 110.2 204.6
130 127.1 90.2 167.4
51 50.4 40.2 60.2





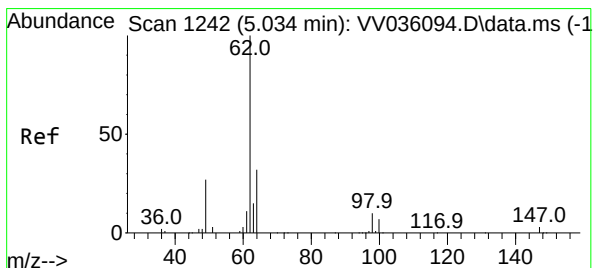
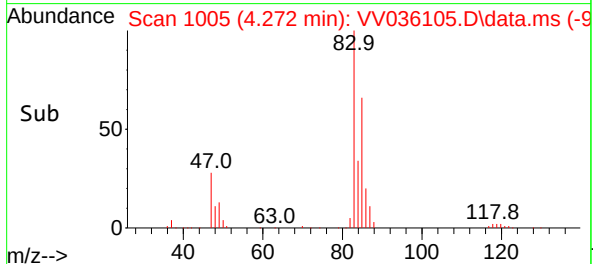
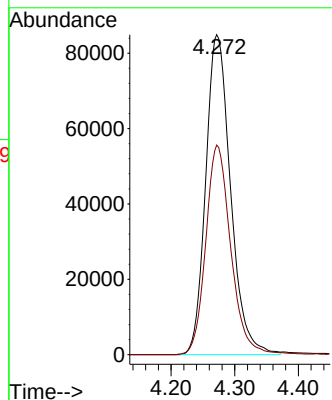
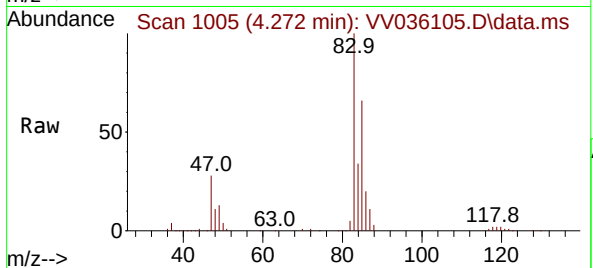
#25
Chloroform
Concen: 33.025 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

Instrument :
MSVOA_V
ClientSampleId :
A4B84MS

Tgt Ion: 83 Resp: 230795
Ion Ratio Lower Upper
83 100
85 65.5 45.2 84.0

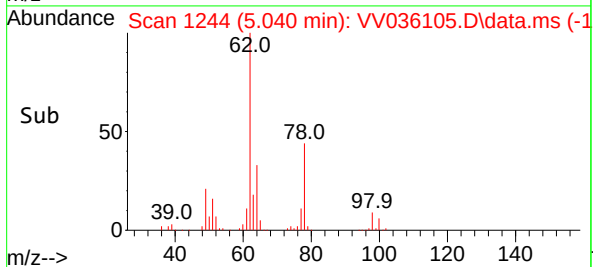
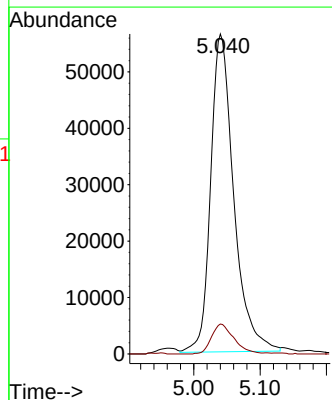
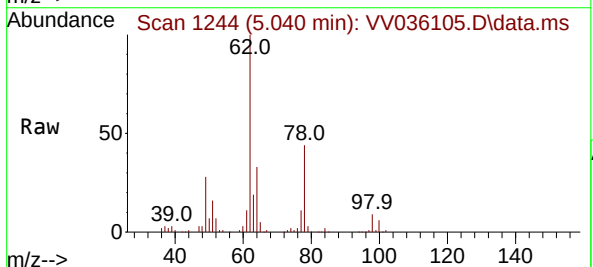
Manual Integrations
APPROVED

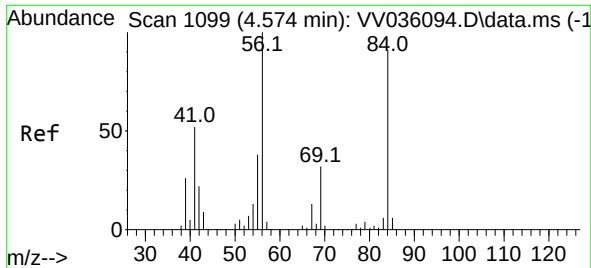
Reviewed By :Mahesh Dadoda 06/20/2024
Supervised By :Semsettin Yesilyurt 06/20/2024



#27
1,2-Dichloroethane
Concen: 31.237 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. 0.006 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

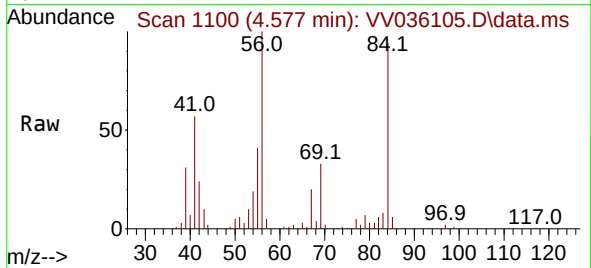
Tgt Ion: 62 Resp: 136290
Ion Ratio Lower Upper
62 100
98 9.4 7.8 11.6





#29
Cyclohexane
Concen: 30.064 ug/L
RT: 4.577 min Scan# 1100
Delta R.T. 0.003 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

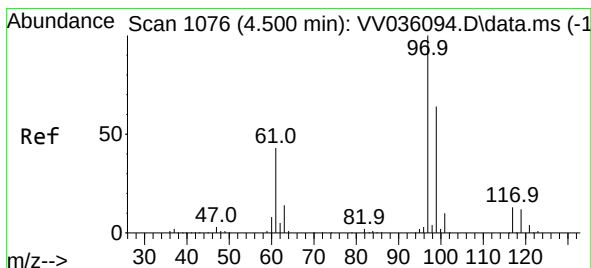
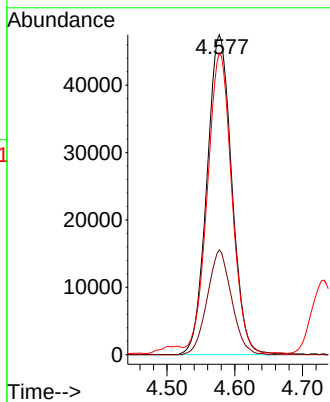
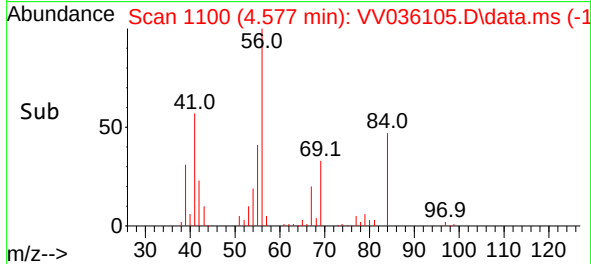
Instrument :
MSVOA_V
ClientSampleId :
A4B84MS



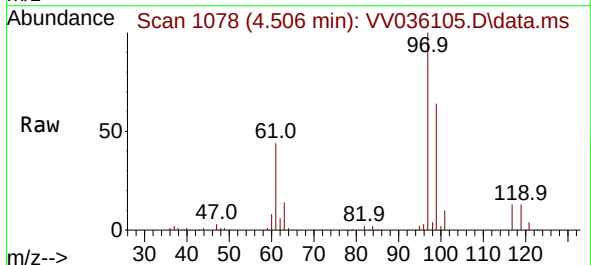
Tgt Ion: 56 Resp: 12100
Ion Ratio Lower Upper
56 100
69 31.9 25.2 37.8
84 91.8 72.2 108.2

Manual Integrations
APPROVED

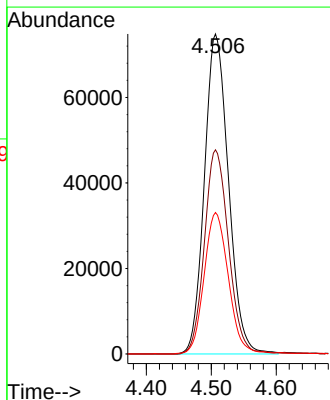
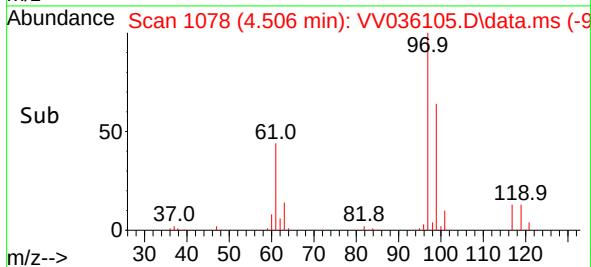
Reviewed By :Mahesh Dadoda 06/20/2024
Supervised By :Semsettin Yesilyurt 06/20/2024

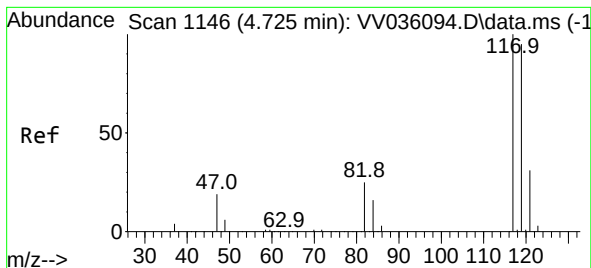


#30
1,1,1-Trichloroethane
Concen: 41.782 ug/L
RT: 4.506 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42



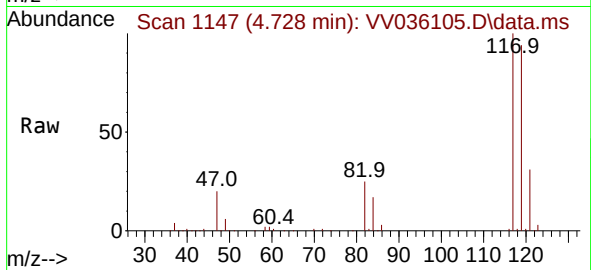
Tgt Ion: 97 Resp: 193101
Ion Ratio Lower Upper
97 100
99 63.8 50.9 76.3
61 44.5 35.0 52.6





#31
Carbon tetrachloride
Concen: 39.557 ug/L
RT: 4.728 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

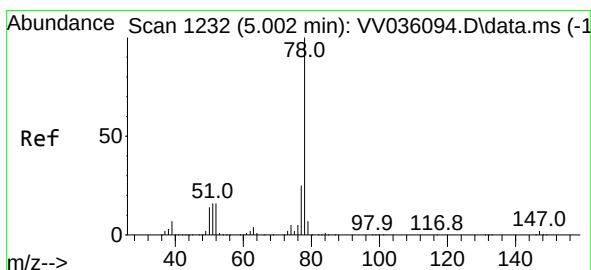
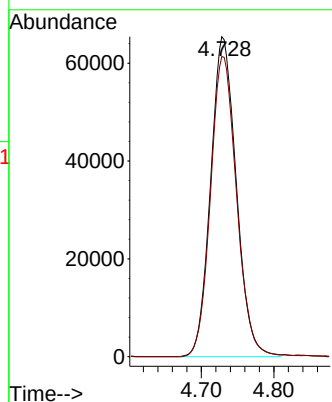
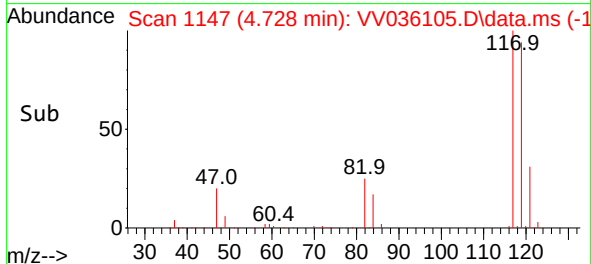
Instrument :
MSVOA_V
ClientSampleId :
A4B84MS



Tgt Ion:117 Resp: 16038
Ion Ratio Lower Upper
117 100
119 95.6 76.8 115.2

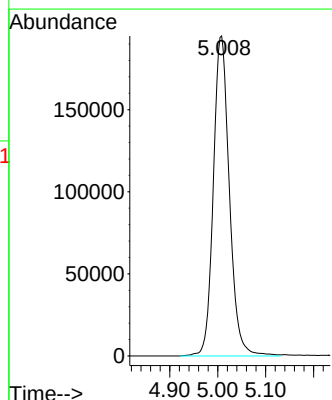
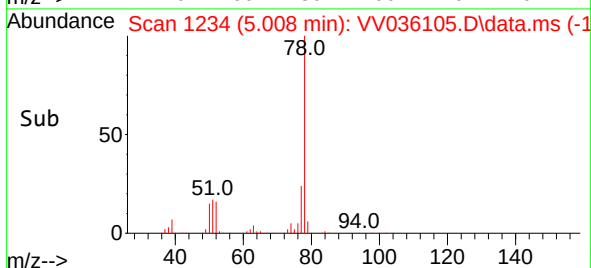
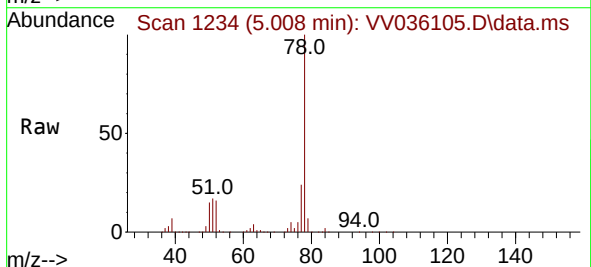
Manual Integrations
APPROVED

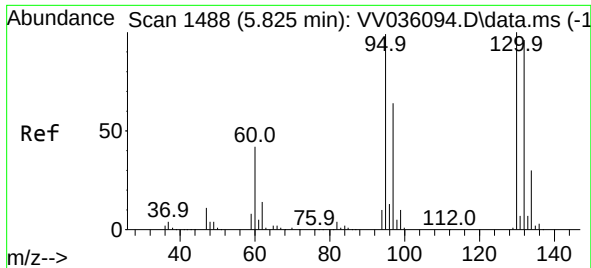
Reviewed By :Mahesh Dadoda 06/20/2024
Supervised By :Semsettin Yesilyurt 06/20/2024



#33
Benzene
Concen: 40.987 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.006 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

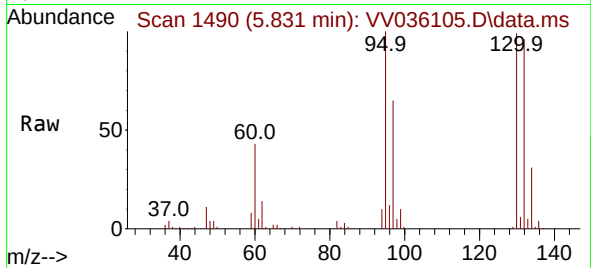
Tgt Ion: 78 Resp: 453171





#34
Trichloroethene
Concen: 32.976 ug/L
RT: 5.831 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

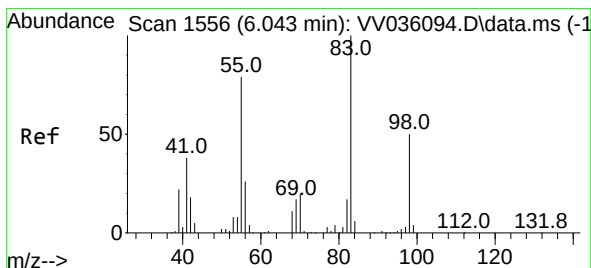
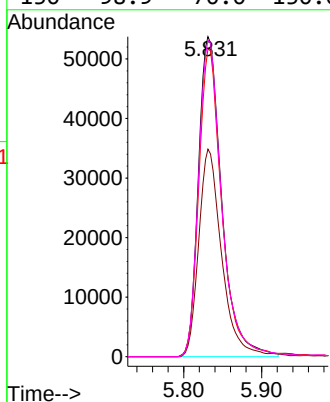
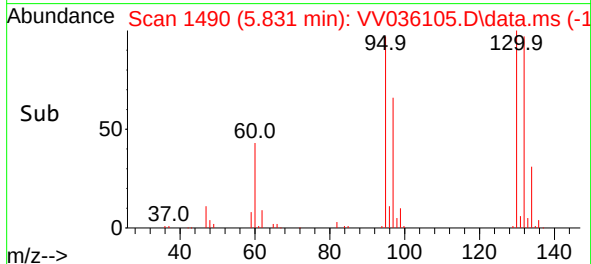
Instrument :
MSVOA_V
ClientSampleId :
A4B84MS



Tgt Ion: 95 Resp: 111744
Ion Ratio Lower Upper
95 100
97 64.8 44.8 83.2
132 96.1 66.8 124.2
130 98.9 70.0 130.0

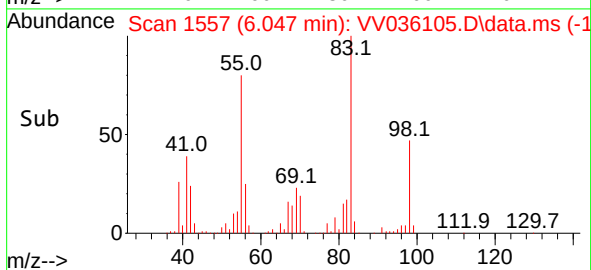
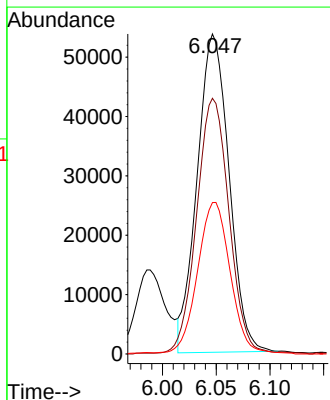
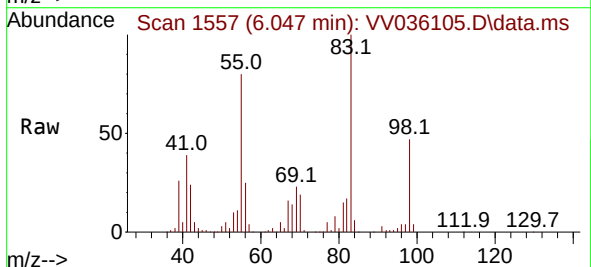
Manual Integrations
APPROVED

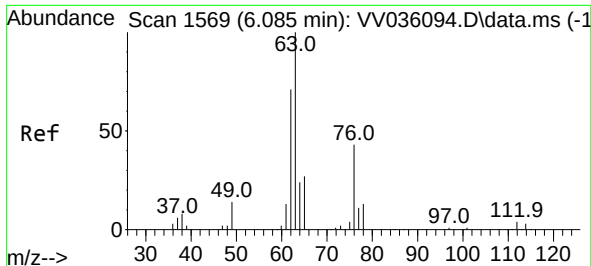
Reviewed By :Mahesh Dadoda 06/20/2024
Supervised By :Semsettin Yesilyurt 06/20/2024



#35
Methylcyclohexane
Concen: 23.608 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. 0.003 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

Tgt Ion: 83 Resp: 110631
Ion Ratio Lower Upper
83 100
55 82.1 60.7 91.1
98 49.0 38.7 58.1





#37

1,2-Dichloropropane

Concen: 39.946 ug/L

RT: 6.092 min Scan# 11597

Delta R.T. 0.006 min

Lab File: VV036105.D

Acq: 17 Jun 2024 17:42

Instrument :

MSVOA_V

ClientSampleId :

A4B84MS

Tgt Ion: 63 Resp: 11597

Ion Ratio Lower Upper

63 100

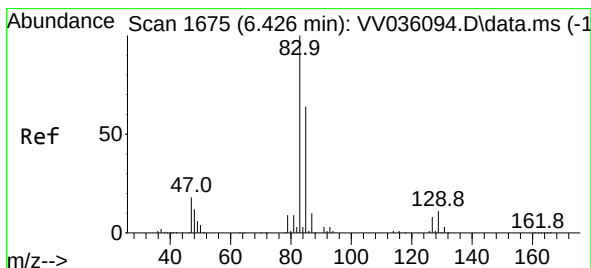
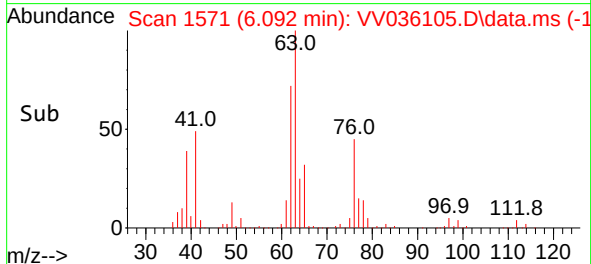
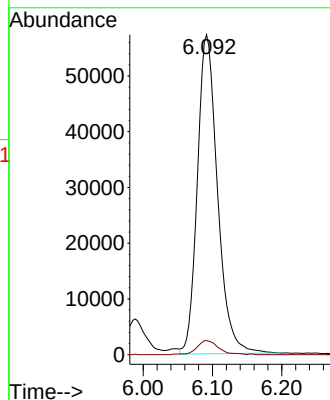
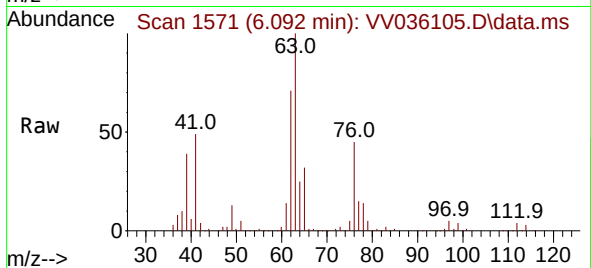
112 4.7 3.5 5.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/20/2024

Supervised By :Semsettin Yesilyurt 06/20/2024



#38

Bromodichloromethane

Concen: 37.580 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VV036105.D

Acq: 17 Jun 2024 17:42

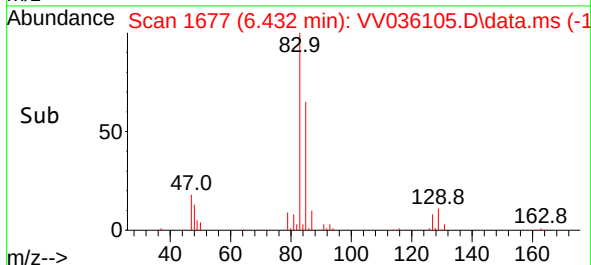
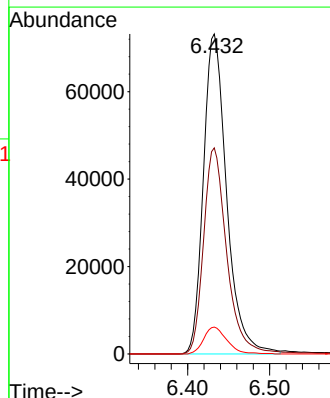
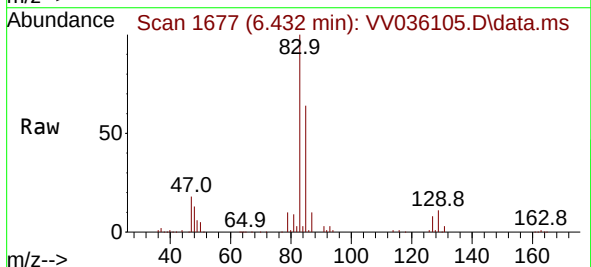
Tgt Ion: 83 Resp: 144405

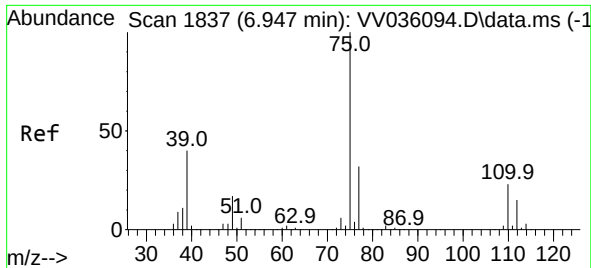
Ion Ratio Lower Upper

83 100

85 64.4 45.3 84.1

127 8.4 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 22.500 ug/L

RT: 6.956 min Scan# 1840

Delta R.T. 0.010 min

Lab File: VV036105.D

Acq: 17 Jun 2024 17:42

Instrument :

MSVOA_V

ClientSampleId :

A4B84MS

Tgt Ion: 75 Resp: 97699

Ion Ratio Lower Upper

75 100

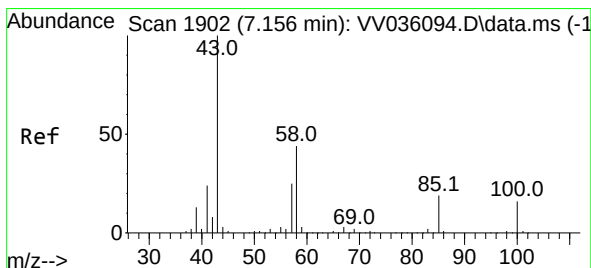
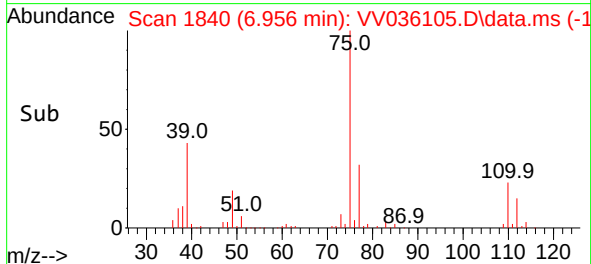
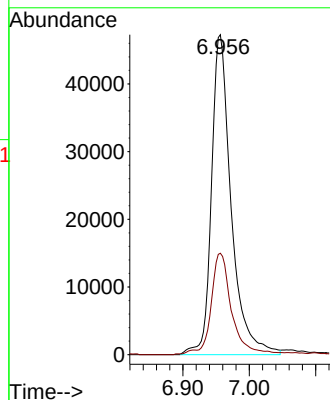
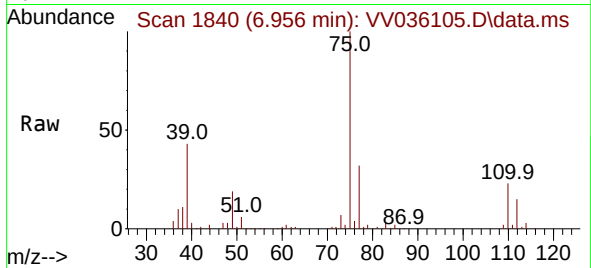
77 31.7 22.1 41.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/20/2024

Supervised By :Semsettin Yesilyurt 06/20/2024



#40

4-Methyl-2-pentanone

Concen: 54.718 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VV036105.D

Acq: 17 Jun 2024 17:42

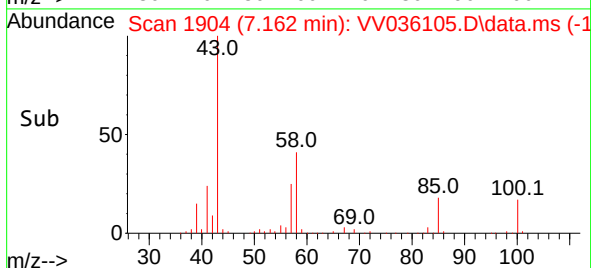
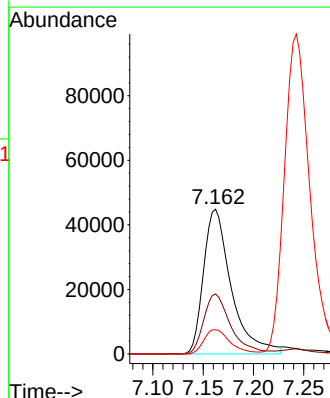
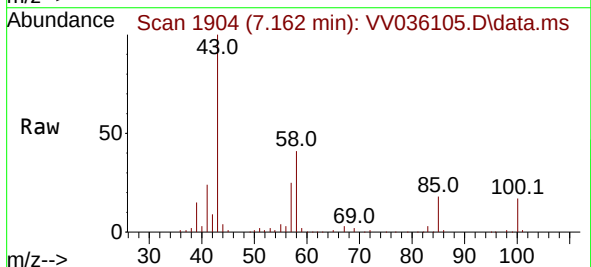
Tgt Ion: 43 Resp: 86307

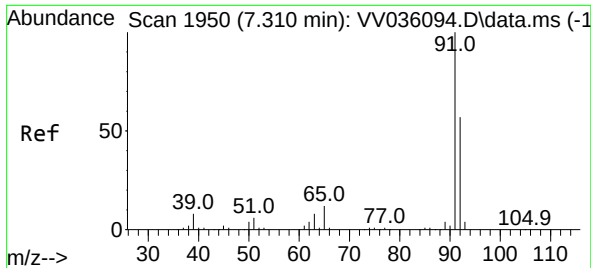
Ion Ratio Lower Upper

43 100

58 40.4 32.5 48.7

100 16.0 12.5 18.7





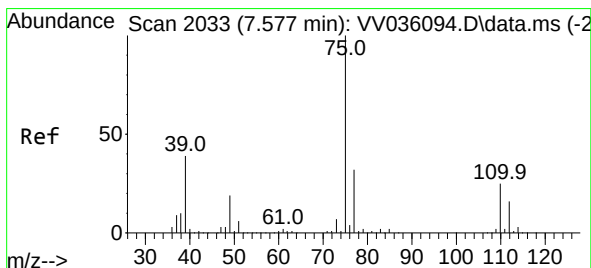
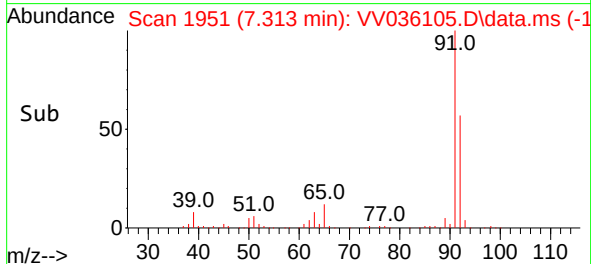
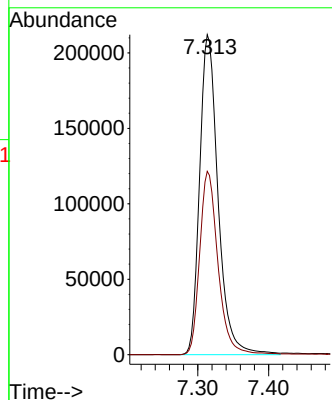
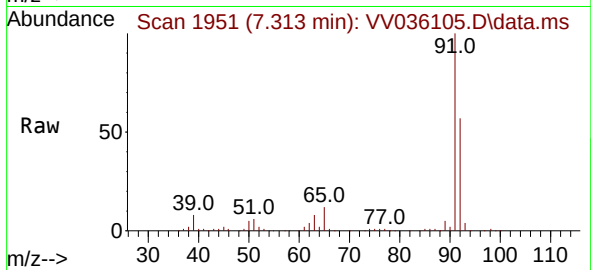
#42
Toluene
Concen: 33.980 ug/L
RT: 7.313 min Scan# 1950
Delta R.T. 0.003 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

Instrument :
MSVOA_V
ClientSampleId :
A4B84MS

Tgt Ion: 91 Resp: 38389
Ion Ratio Lower Upper
91 100
92 57.3 40.6 75.4

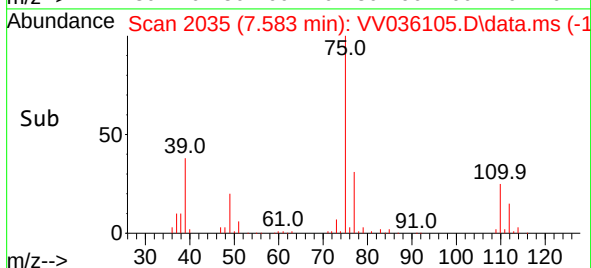
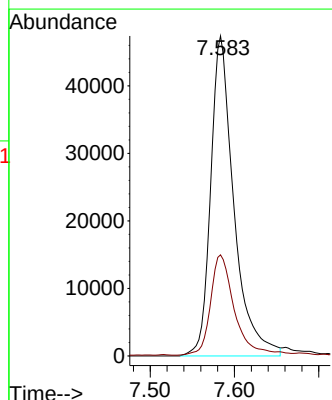
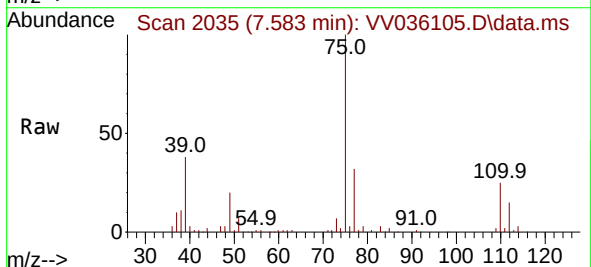
Manual Integrations
APPROVED

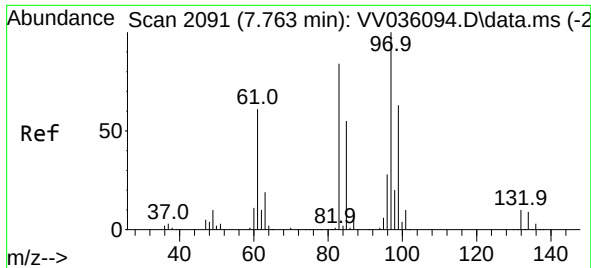
Reviewed By :Mahesh Dadoda 06/20/2024
Supervised By :Semsettin Yesilyurt 06/20/2024



#44
trans-1,3-Dichloropropene
Concen: 24.141 ug/L
RT: 7.583 min Scan# 2035
Delta R.T. 0.006 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

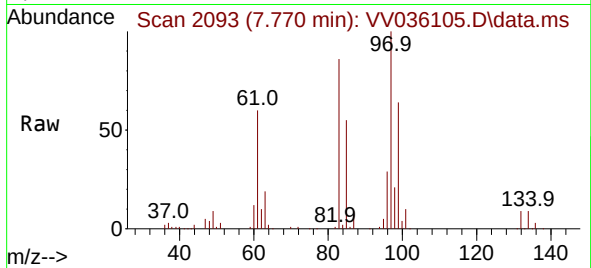
Tgt Ion: 75 Resp: 90544
Ion Ratio Lower Upper
75 100
77 31.6 23.1 42.9





#45
1,1,2-Trichloroethane
Concen: 33.490 ug/L
RT: 7.770 min Scan# 2091
Delta R.T. 0.006 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

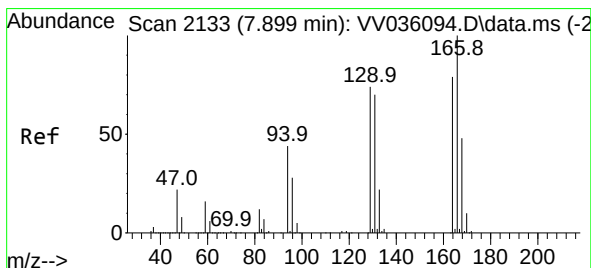
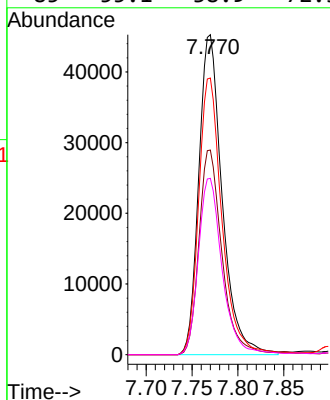
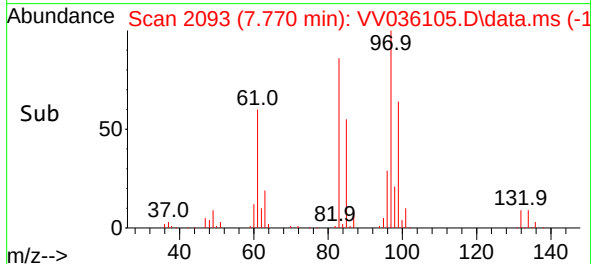
Instrument :
MSVOA_V
ClientSampleId :
A4B84MS



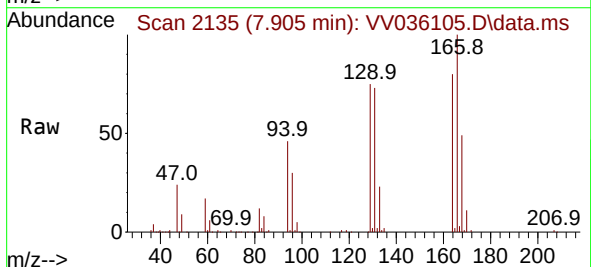
Tgt Ion:	97	Resp:	8044
Ion	Ratio	Lower	Upper
97	100		
99	64.0	43.3	80.5
83	86.4	60.1	111.7
85	55.1	38.9	72.3

Manual Integrations
APPROVED

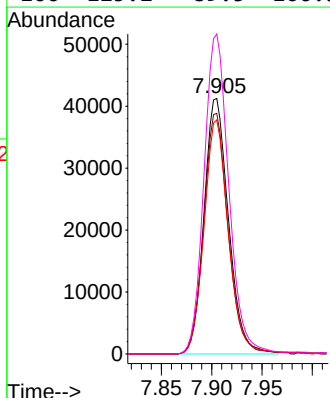
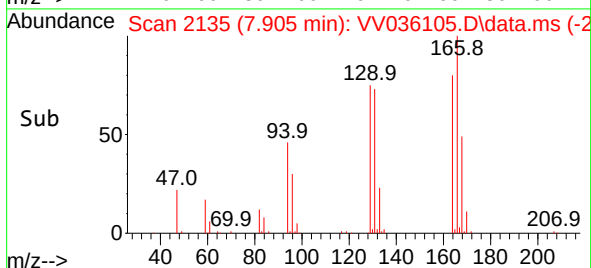
Reviewed By :Mahesh Dadoda 06/20/2024
Supervised By :Semsettin Yesilyurt 06/20/2024

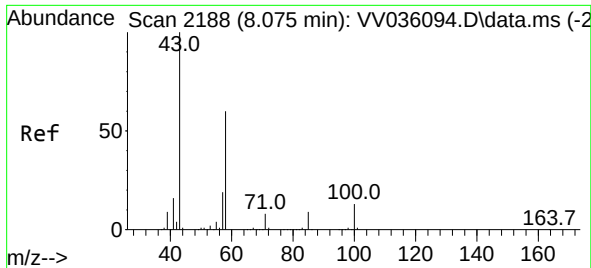


#46
Tetrachloroethene
Concen: 28.189 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.006 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42



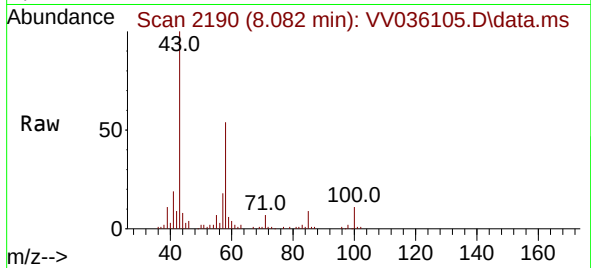
Tgt Ion:	164	Resp:	69861
Ion	Ratio	Lower	Upper
164	100		
129	94.2	64.6	120.0
131	91.6	63.2	117.4
166	125.2	89.5	166.3





#48
2-Hexanone
Concen: 43.290 ug/L
RT: 8.082 min Scan# 2188
Delta R.T. 0.006 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

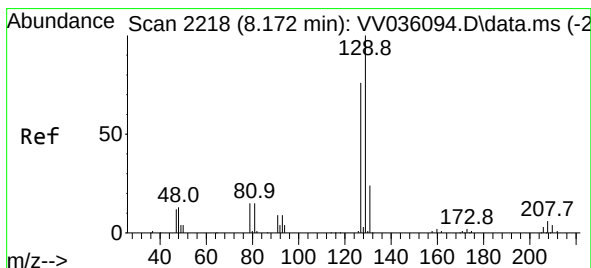
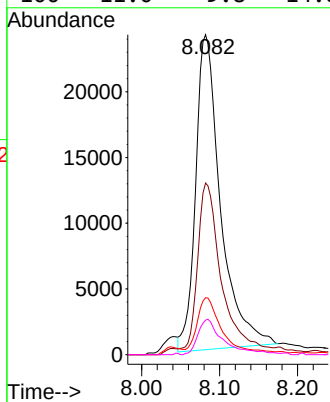
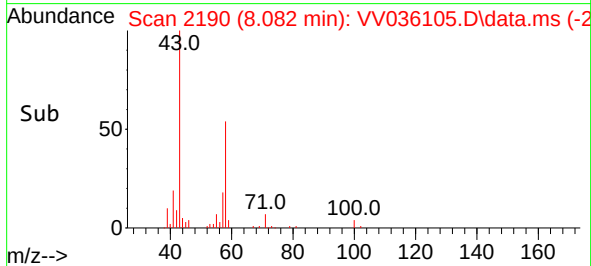
Instrument :
MSVOA_V
ClientSampleId :
A4B84MS



Tgt Ion: 43 Resp: 5338
Ion Ratio Lower Upper
43 100
58 49.0 45.4 68.0
57 15.5 15.8 23.8
100 11.0 9.8 14.8

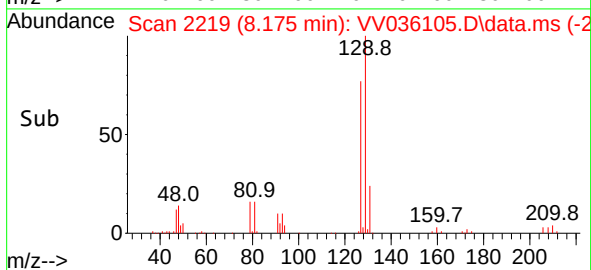
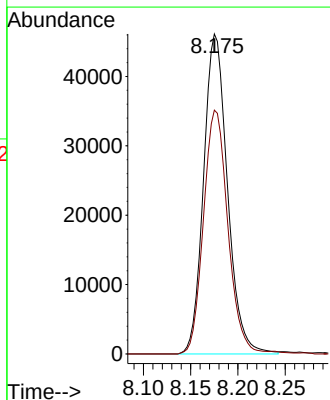
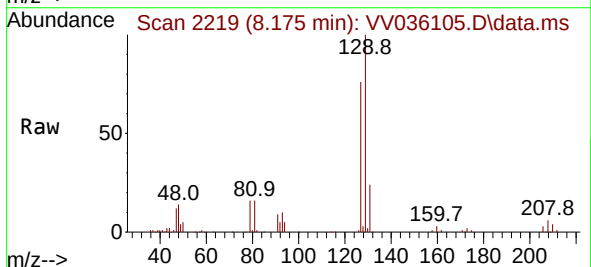
Manual Integrations
APPROVED

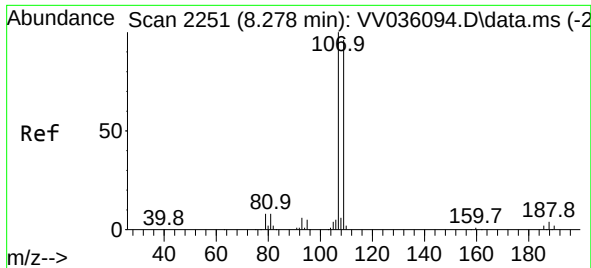
Reviewed By :Mahesh Dadoda 06/20/2024
Supervised By :Semsettin Yesilyurt 06/20/2024



#49
Dibromochloromethane
Concen: 30.875 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.003 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

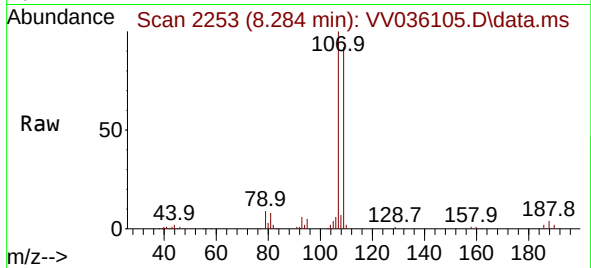
Tgt Ion:129 Resp: 81170
Ion Ratio Lower Upper
129 100
127 76.2 53.9 100.1





#50
1,2-Dibromoethane
Concen: 29.224 ug/L
RT: 8.284 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

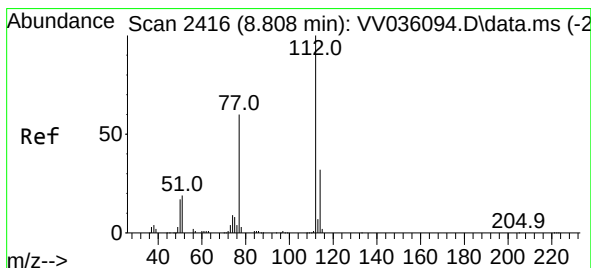
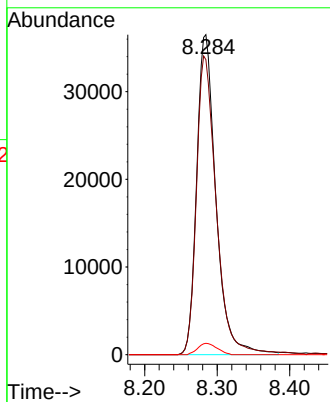
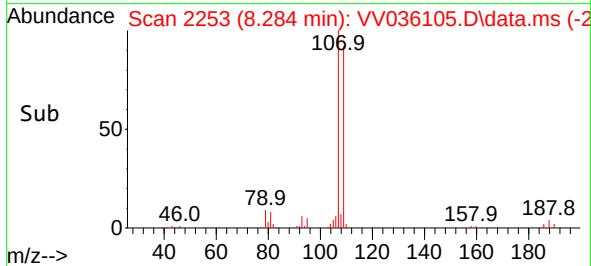
Instrument :
MSVOA_V
ClientSampleId :
A4B84MS



Tgt Ion:107 Resp: 67359
Ion Ratio Lower Upper
107 100
109 92.2 66.1 122.7
188 3.5 3.0 4.6

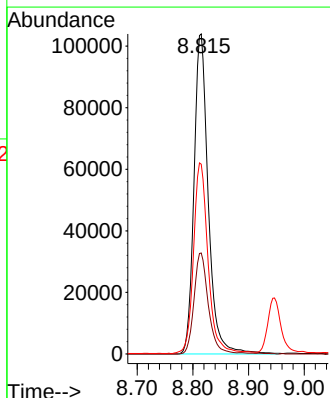
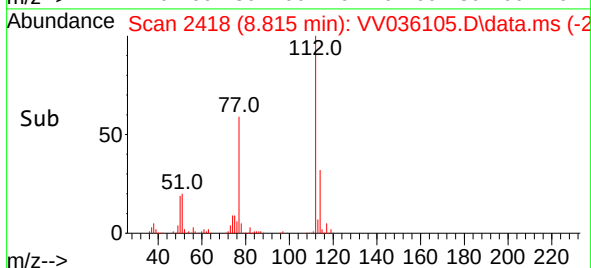
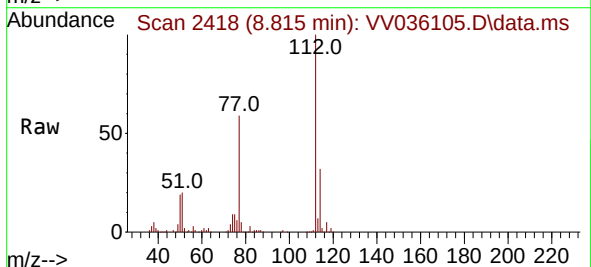
Manual Integrations
APPROVED

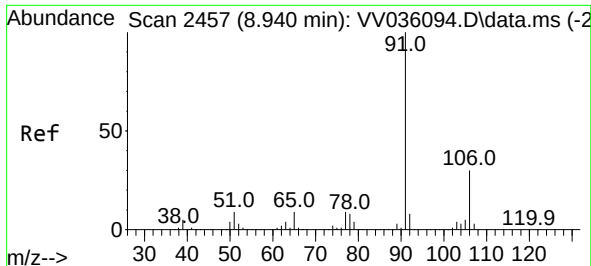
Reviewed By :Mahesh Dadoda 06/20/2024
Supervised By :Semsettin Yesilyurt 06/20/2024



#51
Chlorobenzene
Concen: 24.061 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.006 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

Tgt Ion:112 Resp: 185216
Ion Ratio Lower Upper
112 100
114 31.5 22.3 41.5
77 59.3 47.3 70.9





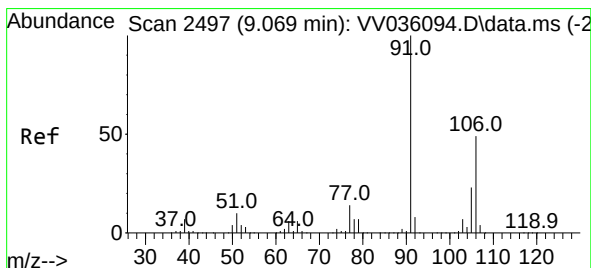
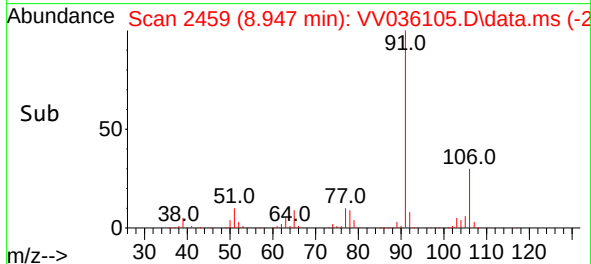
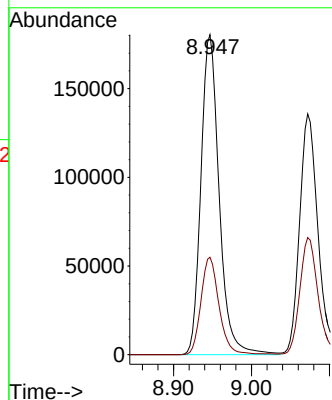
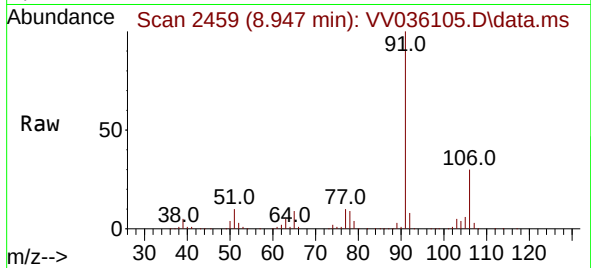
#52
Ethylbenzene
Concen: 24.267 ug/L
RT: 8.947 min Scan# 2457
Delta R.T. 0.006 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

Instrument :
MSVOA_V
ClientSampleId :
A4B84MS

Tgt Ion: 91 Resp: 29333
Ion Ratio Lower Upper
91 100
106 30.5 21.6 40.0

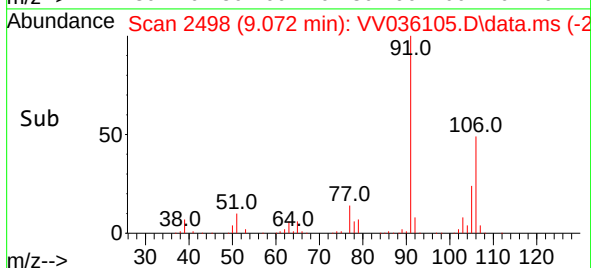
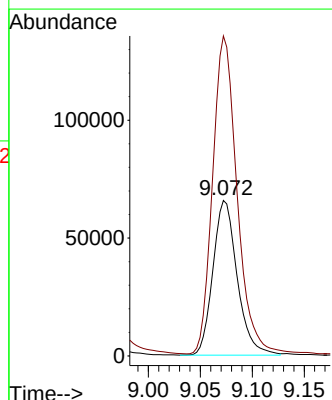
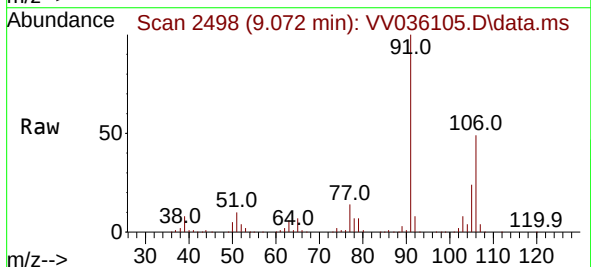
Manual Integrations
APPROVED

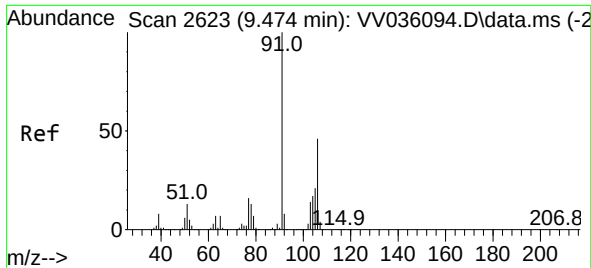
Reviewed By :Mahesh Dadoda 06/20/2024
Supervised By :Semsettin Yesilyurt 06/20/2024



#53
m,p-Xylene
Concen: 23.439 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.003 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

Tgt Ion:106 Resp: 106457
Ion Ratio Lower Upper
106 100
91 205.7 143.1 265.9





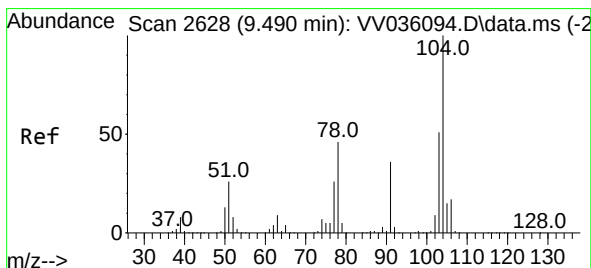
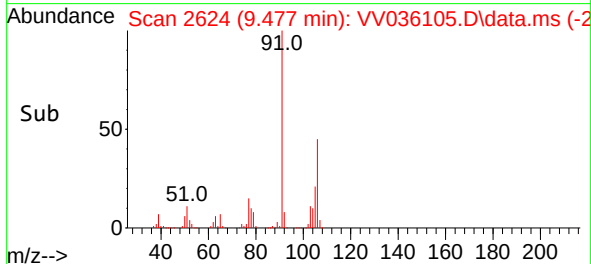
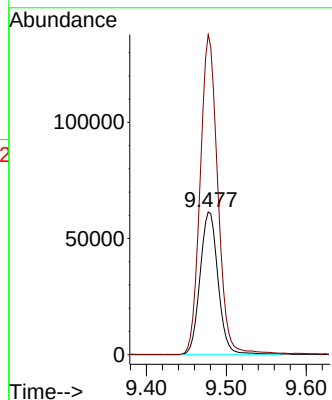
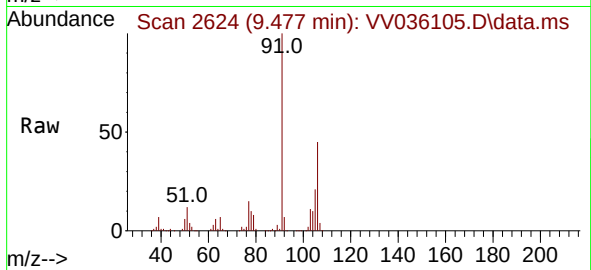
#54
o-Xylene
Concen: 22.565 ug/L
RT: 9.477 min Scan# 2623
Delta R.T. 0.003 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

Instrument :
MSVOA_V
ClientSampleId :
A4B84MS

Tgt Ion:106 Resp: 96650
Ion Ratio Lower Upper
106 100
91 224.1 154.5 286.9

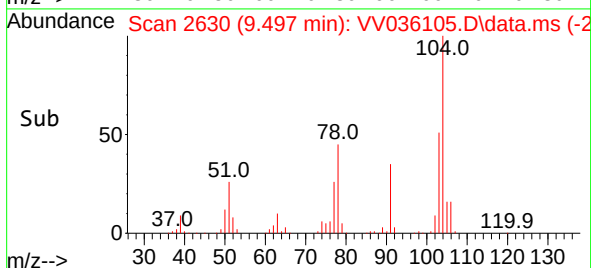
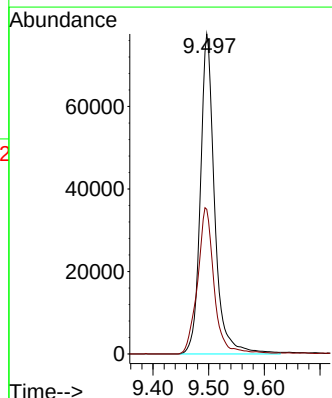
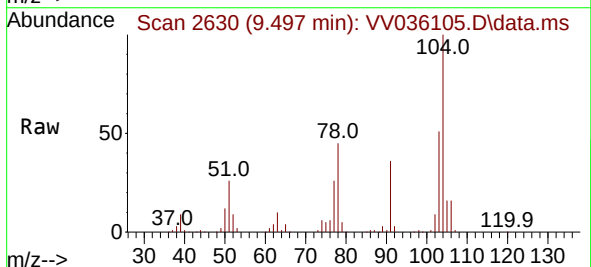
Manual Integrations
APPROVED

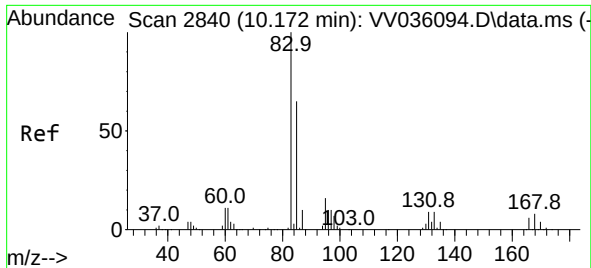
Reviewed By :Mahesh Dadoda 06/20/2024
Supervised By :Semsettin Yesilyurt 06/20/2024



#55
Styrene
Concen: 18.328 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.006 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

Tgt Ion:104 Resp: 138429
Ion Ratio Lower Upper
104 100
78 45.2 31.4 58.2





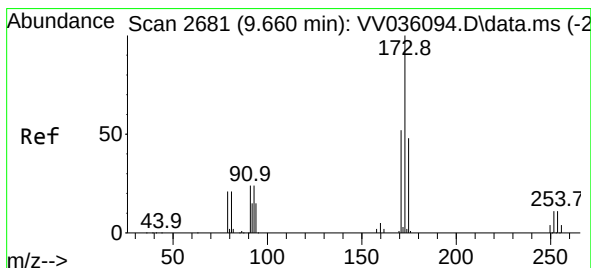
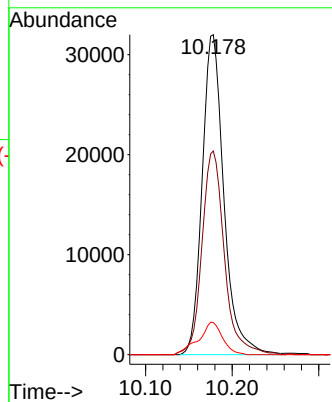
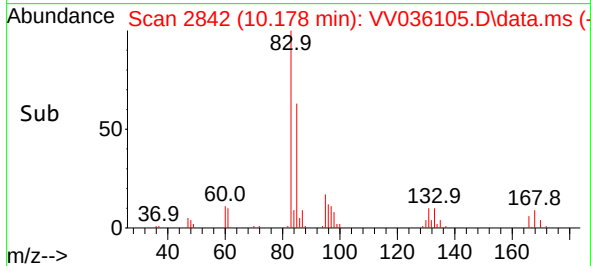
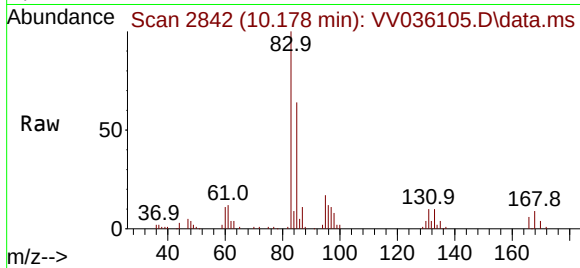
#57
1,1,2,2-Tetrachloroethane
Concen: 25.947 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.006 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

Instrument : MSVOA_V
ClientSampleId : A4B84MS

Tgt Ion: 83 Resp: 5581
Ion Ratio Lower Upper
83 100
85 63.7 45.1 83.7
131 10.1 7.6 11.4

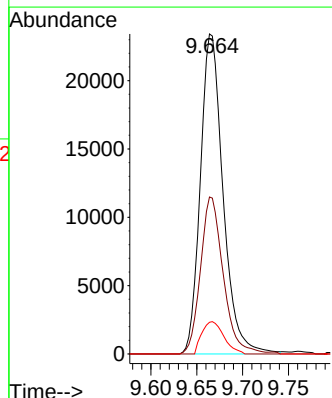
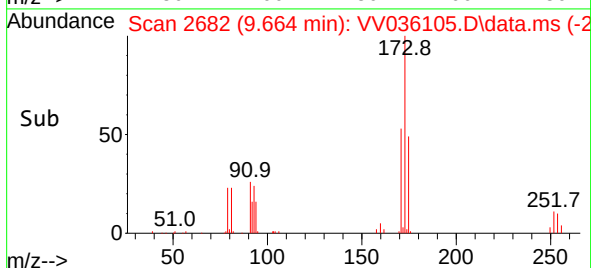
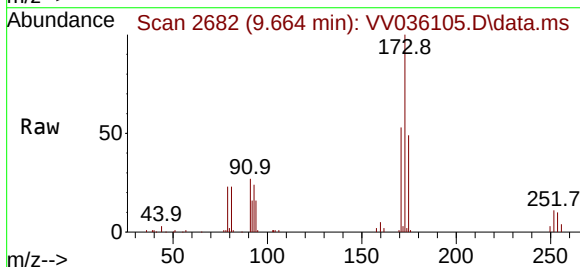
Manual Integrations
APPROVED

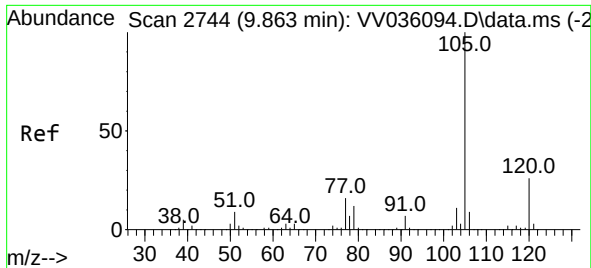
Reviewed By :Mahesh Dadoda 06/20/2024
Supervised By :Semsettin Yesilyurt 06/20/2024



#59
Bromoform
Concen: 42.489 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.003 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

Tgt Ion:173 Resp: 40360
Ion Ratio Lower Upper
173 100
175 49.0 39.0 58.6
254 9.8 8.6 13.0





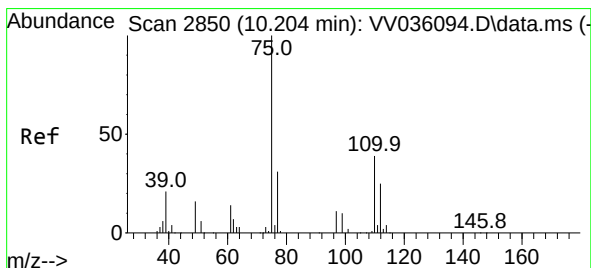
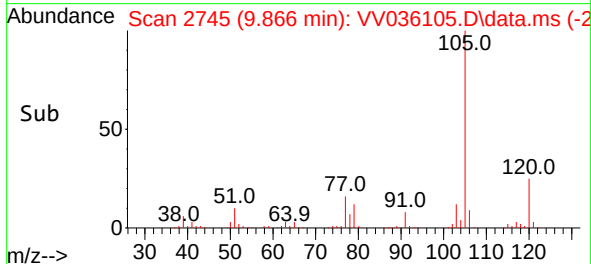
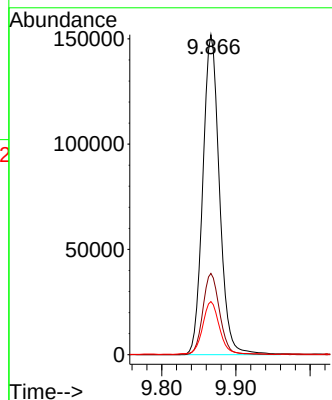
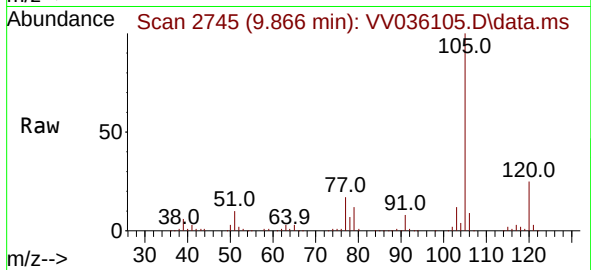
#60
Isopropylbenzene
Concen: 36.612 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

Instrument :
MSVOA_V
ClientSampleId :
A4B84MS

Tgt Ion:105 Resp: 236590
Ion Ratio Lower Upper
105 100
120 25.7 21.0 31.6
77 16.6 12.6 18.8

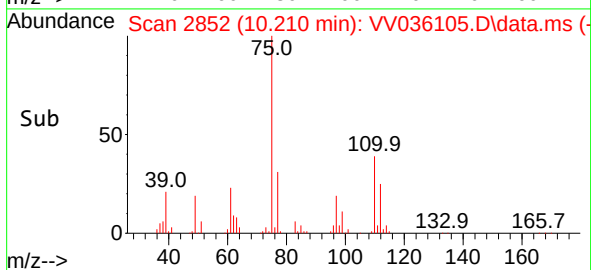
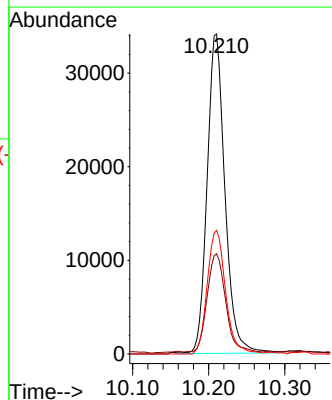
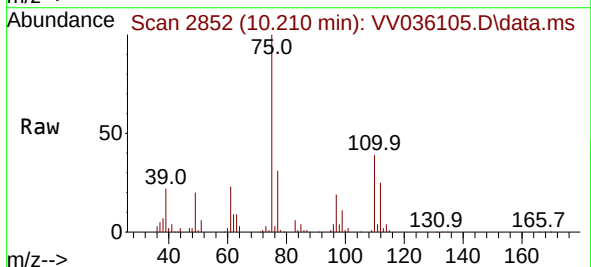
Manual Integrations
APPROVED

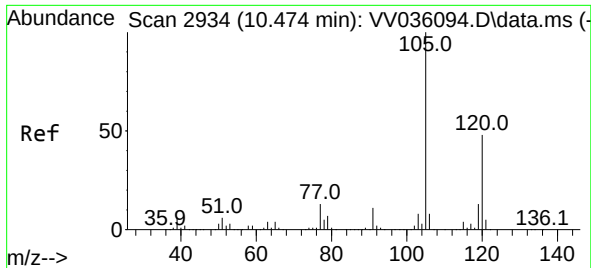
Reviewed By :Mahesh Dadoda 06/20/2024
Supervised By :Semsettin Yesilyurt 06/20/2024



#61
1,2,3-Trichloropropane
Concen: 46.647 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.006 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

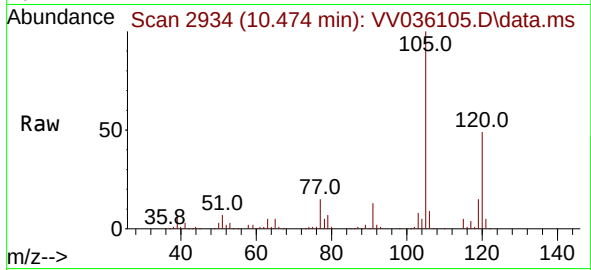
Tgt Ion: 75 Resp: 55569
Ion Ratio Lower Upper
75 100
77 31.5 26.0 39.0
110 39.8 32.2 48.4





#62
 1,3,5-Trimethylbenzene
 Concen: 25.995 ug/L
 RT: 10.474 min Scan# 2934
 Delta R.T. 0.000 min
 Lab File: VV036105.D
 Acq: 17 Jun 2024 17:42

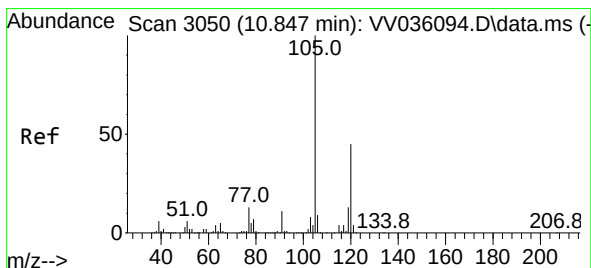
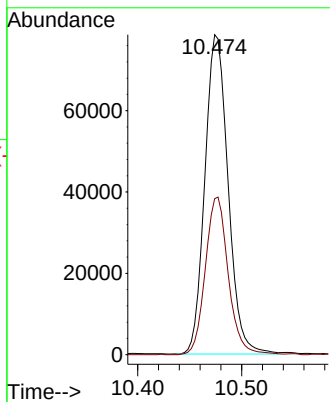
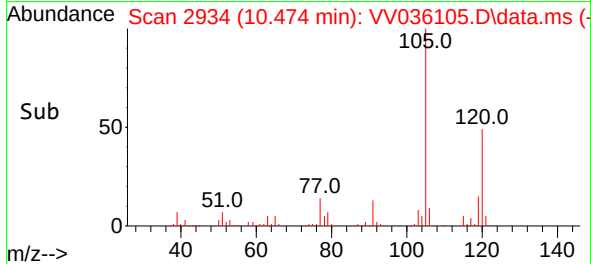
Instrument :
 MSVOA_V
 ClientSampleId :
 A4B84MS



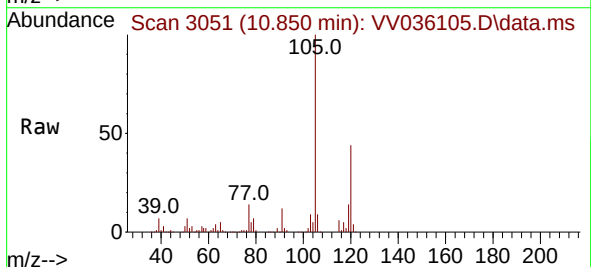
Tgt Ion:105 Resp: 121809
 Ion Ratio Lower Upper
 105 100
 120 48.7 38.6 58.0

Manual Integrations
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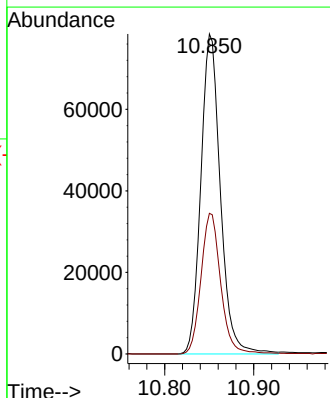
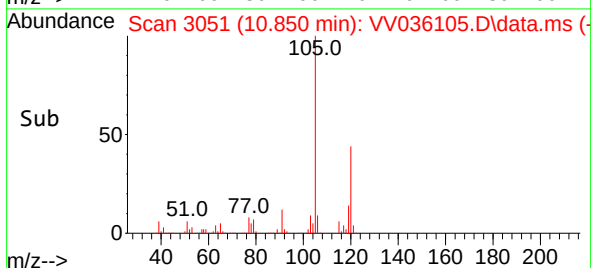
Reviewed By :Mahesh Dadoda 06/20/2024
 Supervised By :Semsettin Yesilyurt 06/20/2024

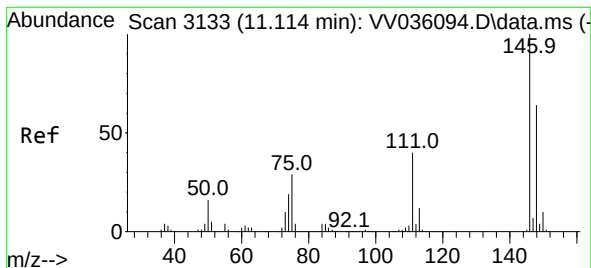


#63
 1,2,4-Trimethylbenzene
 Concen: 23.658 ug/L
 RT: 10.850 min Scan# 3051
 Delta R.T. 0.003 min
 Lab File: VV036105.D
 Acq: 17 Jun 2024 17:42



Tgt Ion:105 Resp: 119442
 Ion Ratio Lower Upper
 105 100
 120 44.4 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 21.845 ug/L

RT: 11.117 min Scan# 3117

Delta R.T. 0.003 min

Lab File: VV036105.D

Acq: 17 Jun 2024 17:42

Instrument :

MSVOA_V

ClientSampleId :

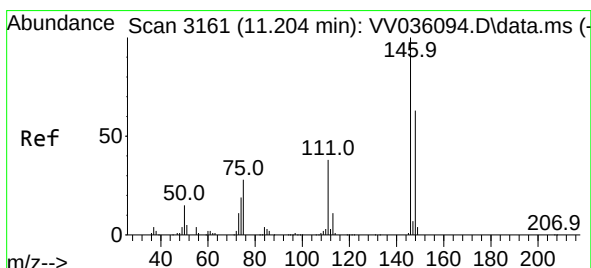
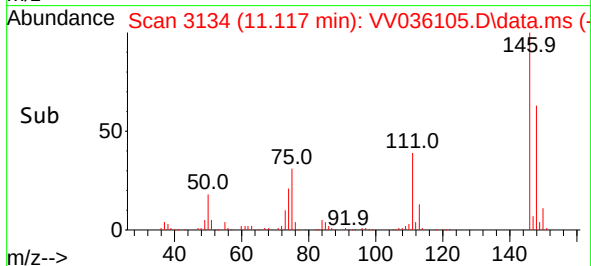
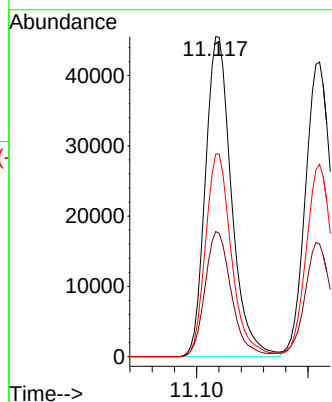
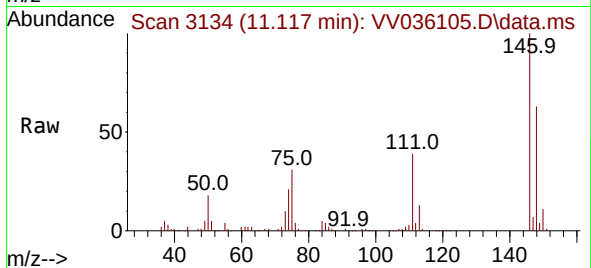
A4B84MS

Tgt Ion:	146	Resp:	74134
Ion Ratio	Lower	Upper	
146	100		
111	39.1	28.1	52.1
148	63.3	44.7	83.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/20/2024
Supervised By :Semsettin Yesilyurt 06/20/2024



#65

1,4-Dichlorobenzene

Concen: 20.491 ug/L

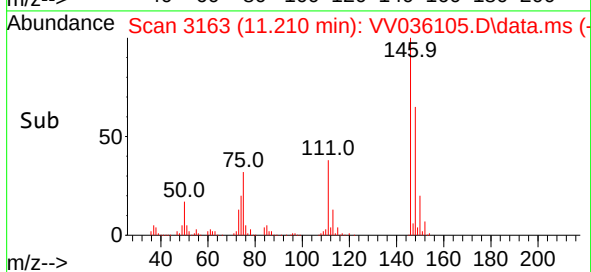
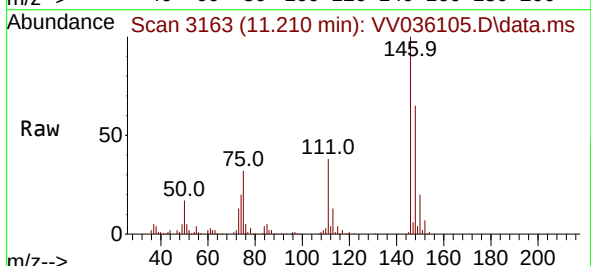
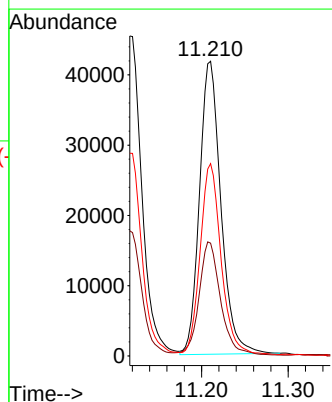
RT: 11.210 min Scan# 3163

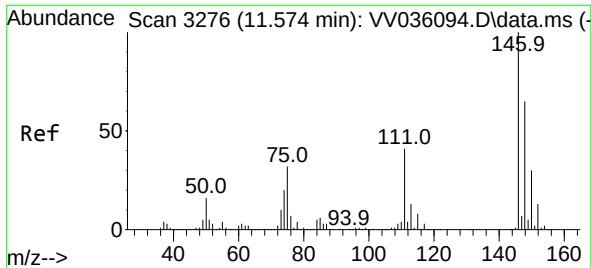
Delta R.T. 0.006 min

Lab File: VV036105.D

Acq: 17 Jun 2024 17:42

Tgt Ion:	146	Resp:	71775
Ion Ratio	Lower	Upper	
146	100		
111	38.3	26.9	50.1
148	65.3	44.5	82.7





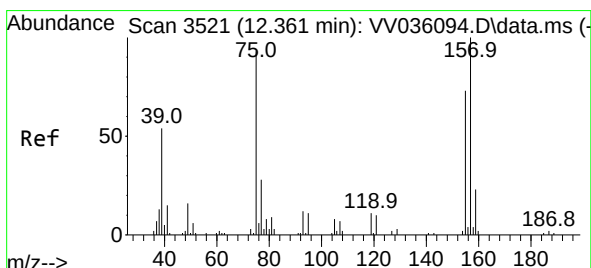
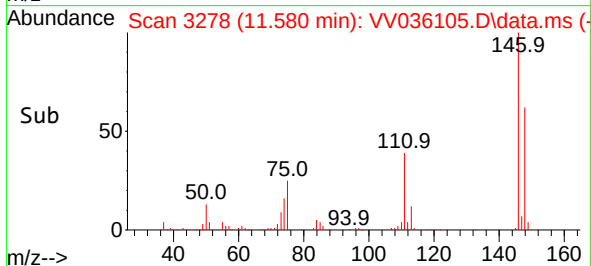
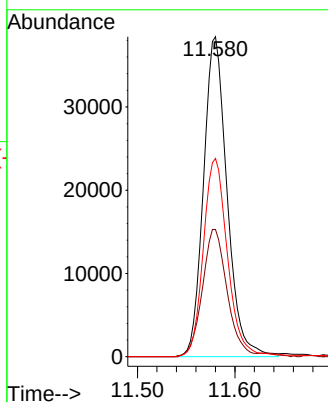
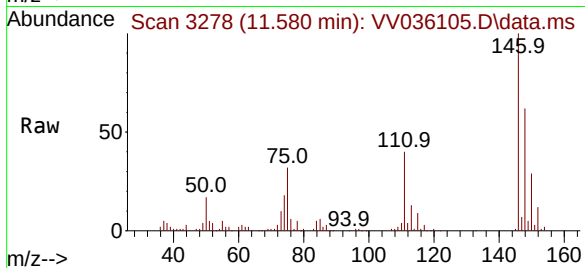
#67
1,2-Dichlorobenzene
Concen: 20.243 ug/L
RT: 11.580 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

Instrument :
MSVOA_V
ClientSampleId :
A4B84MS

Tgt Ion:146 Resp: 6464
Ion Ratio Lower Upper
146 100
111 39.8 33.5 50.3
148 61.9 50.9 76.3

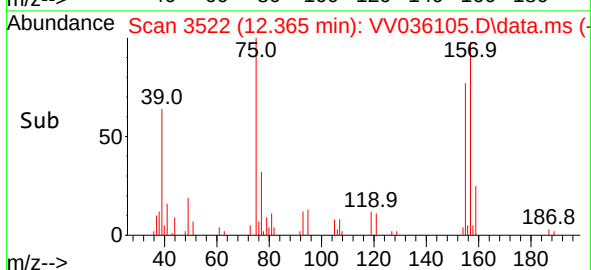
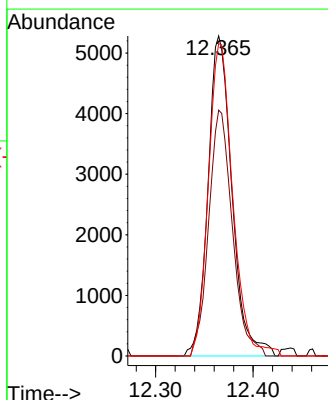
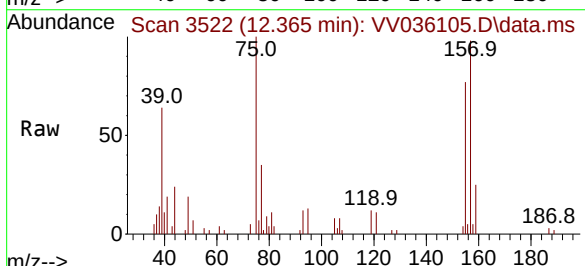
Manual Integrations
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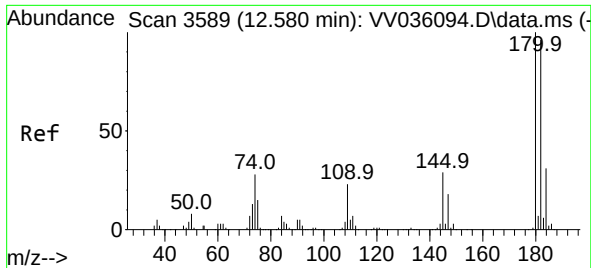
Reviewed By :Mahesh Dadoda 06/20/2024
Supervised By :Semsettin Yesilyurt 06/20/2024



#68
1,2-Dibromo-3-chloropropane
Concen: 33.868 ug/L
RT: 12.365 min Scan# 3522
Delta R.T. 0.003 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

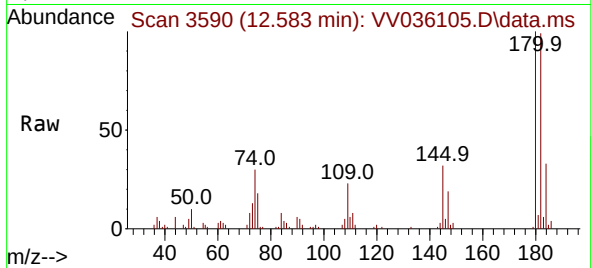
Tgt Ion: 75 Resp: 9022
Ion Ratio Lower Upper
75 100
155 76.8 63.3 94.9
157 97.6 82.4 123.6





#69
 1,3,5-Trichlorobenzene
 Concen: 10.866 ug/L
 RT: 12.583 min Scan# 3590
 Delta R.T. 0.003 min
 Lab File: VV036105.D
 Acq: 17 Jun 2024 17:42

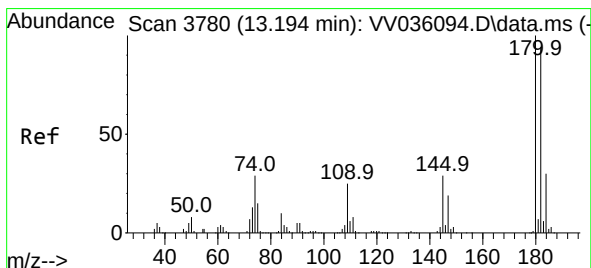
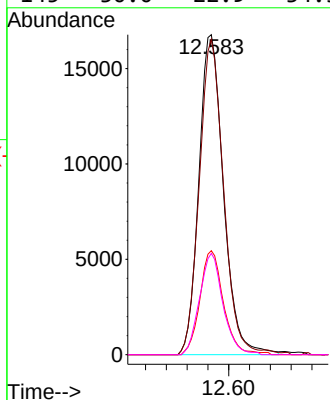
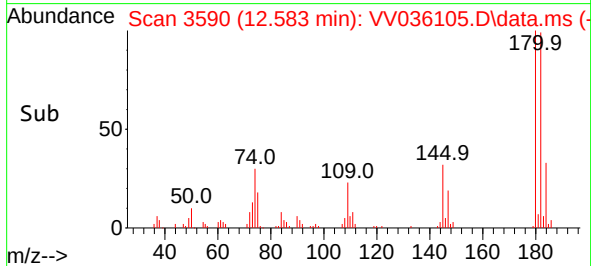
Instrument :
 MSVOA_V
 ClientSampleId :
 A4B84MS



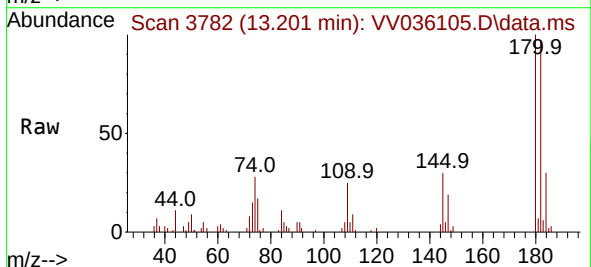
Tgt Ion:180 Resp: 2758
 Ion Ratio Lower Upper
 180 100
 182 96.6 76.2 114.4
 184 31.0 24.2 36.2
 145 30.0 22.9 34.3

Manual Integrations
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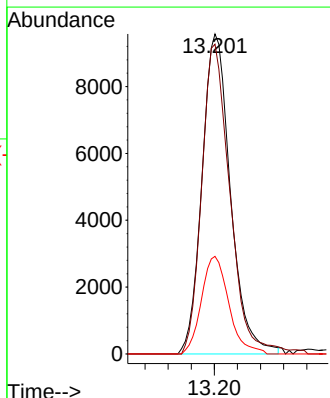
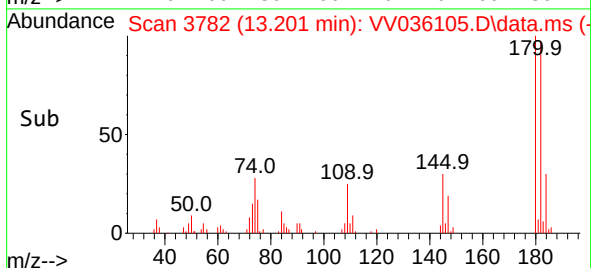
Reviewed By :Mahesh Dadoda 06/20/2024
 Supervised By :Semsettin Yesilyurt 06/20/2024

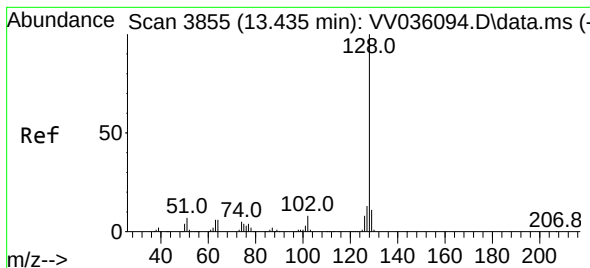


#70
 1,2,4-trichlorobenzene
 Concen: 8.180 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. 0.006 min
 Lab File: VV036105.D
 Acq: 17 Jun 2024 17:42



Tgt Ion:180 Resp: 16350
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.1 114.1
 145 29.4 23.5 35.3





#71

Naphthalene

Concen: 8.536 ug/L

RT: 13.442 min Scan# 3855

Delta R.T. 0.006 min

Lab File: VV036105.D

Acq: 17 Jun 2024 17:42

Instrument :

MSVOA_V

ClientSampleId :

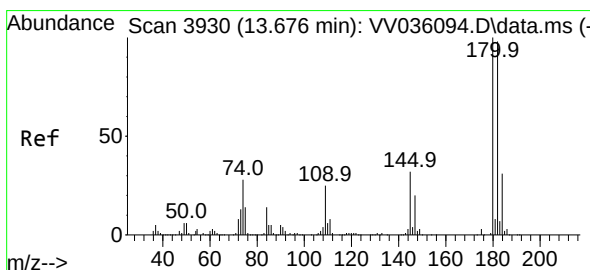
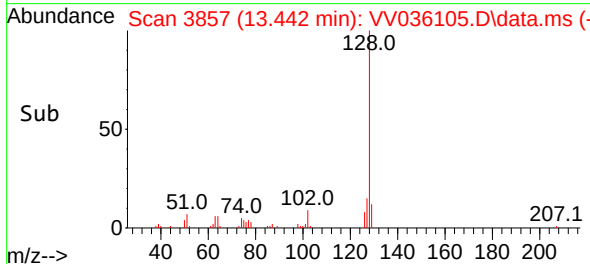
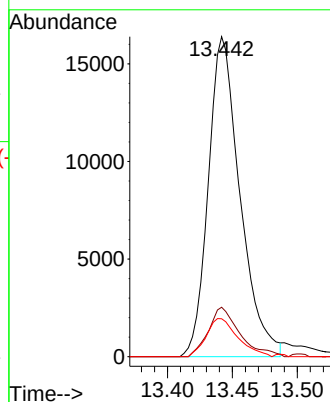
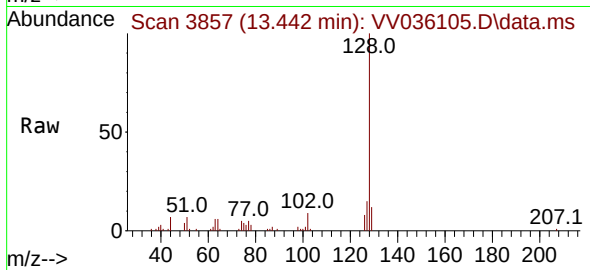
A4B84MS

Tgt Ion:	128	Resp:	2784
Ion Ratio	Lower	Upper	
128	100		
127	15.3	10.6	16.0
129	11.9	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/20/2024
Supervised By :Semsettin Yesilyurt 06/20/2024



#72

1,2,3-Trichlorobenzene

Concen: 6.718 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

Lab File: VV036105.D

Acq: 17 Jun 2024 17:42

Tgt Ion:	180	Resp:	12253
Ion Ratio	Lower	Upper	
180	100		
182	90.3	75.1	112.7
145	31.4	25.2	37.8

