

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062424\
 Data File : VW036264.D
 Acq On : 24 Jun 2024 23:41
 Operator : SY/MD
 Sample : P3010-03MSD
 Misc : 4.60g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4CG2MSD

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/26/2024
 Supervised By :Semsettin Yesilyurt 06/26/2024

Quant Time: Jun 25 06:29:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 25 05:53:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	339370	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	210095	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	46990	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	148682	23.830	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.320%
7) Chloroethane-d5	1.526	69	134483	27.032	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.120%
11) 1,1-Dichloroethene-d2	2.050	65	59173	21.304	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.200%
21) 2-Butanone-d5	3.867	46	41223m	28.796	ug/L	0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.600%
24) Chloroform-d	4.243	84	271036	25.121	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.480%
26) 1,2-Dichloroethane-d4	4.937	65	138366	24.460	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.840%
32) Benzene-d6	4.953	84	500134	40.048	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	160.200%#
36) 1,2-Dichloropropane-d6	5.986	67	160716	40.866	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	163.480%#
41) Toluene-d8	7.240	98	347445	31.531	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	126.120%
43) trans-1,3-Dichloroprop...	7.555	79	26552	16.466	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.880%
47) 2-Hexanone-d5	8.037	63	15716	29.495	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.980%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	81503	27.733	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.920%
66) 1,2-Dichlorobenzene-d4	11.561	152	38689	22.452	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.102	85	82116	13.420	ug/L	99
3) Chloromethane	1.211	50	76821	10.939	ug/L	97
5) Vinyl chloride	1.275	62	106534	14.410	ug/L	100
6) Bromomethane	1.481	94	39196	8.546	ug/L	99
8) Chloroethane	1.542	64	74465	16.204	ug/L	98
9) Trichlorofluoromethane	1.706	101	150671	16.411	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	82261	14.118	ug/L	97
12) 1,1-Dichloroethene	2.060	96	81184	14.939	ug/L #	76
13) Acetone	2.153	43	28010m	12.561	ug/L	
14) Carbon disulfide	2.233	76	158094	8.377	ug/L	100
15) Methyl Acetate	2.391	43	18644	6.727	ug/L #	80
16) Methylene chloride	2.439	84	123114	16.032	ug/L	97
17) trans-1,2-Dichloroethene	2.687	96	67552	11.702	ug/L	95
18) Methyl tert-butyl Ether	2.700	73	237853	18.353	ug/L	99
19) 1,1-Dichloroethane	3.105	63	181120	16.475	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	72683	12.530	ug/L	100
22) 2-Butanone	3.944	43	36389m	19.232	ug/L	
23) Bromochloromethane	4.143	128	44344	15.240	ug/L	91
25) Chloroform	4.269	83	183005	16.182	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	107997	15.296	ug/L	100
29) Cyclohexane	4.577	56	68966	13.787	ug/L	97
30) 1,1,1-Trichloroethane	4.507	97	141958	24.716	ug/L	98
31) Carbon tetrachloride	4.728	117	112846	22.395	ug/L	100
33) Benzene	5.005	78	341465	24.850	ug/L	100
34) Trichloroethene	5.828	95	70597	16.763	ug/L	99
35) Methylcyclohexane	6.047	83	58244	10.001	ug/L	98
37) 1,2-Dichloropropane	6.088	63	91309	25.307	ug/L	98
38) Bromodichloromethane	6.429	83	113508	23.768	ug/L	98
39) cis-1,3-Dichloropropene	6.957	75	54095	10.024	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	60194	30.707	ug/L	99
42) Toluene	7.314	91	275257	19.604	ug/L	97
44) trans-1,3-Dichloropropene	7.584	75	47422	10.174	ug/L	96
45) 1,1,2-Trichloroethane	7.767	97	69972	23.438	ug/L	99
46) Tetrachloroethene	7.902	164	42182	13.695	ug/L	93
48) 2-Hexanone	8.088	43	23995	15.657	ug/L #	96
49) Dibromochloromethane	8.175	129	67515	20.664	ug/L	100
50) 1,2-Dibromoethane	8.281	107	49270	17.200	ug/L	97
51) Chlorobenzene	8.812	112	125739	13.143	ug/L	98
52) Ethylbenzene	8.944	91	187536	12.484	ug/L	99
53) m,p-Xylene	9.072	106	66764	11.828	ug/L	100
54) o-Xylene	9.477	106	63619	11.952	ug/L	98
55) Styrene	9.497	104	75686	8.063	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	51300	19.191	ug/L	100
59) Bromoform	9.664	173	33945	38.305	ug/L	97
60) Isopropylbenzene	9.863	105	137291	22.774	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	49025	44.113	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	69049	15.795	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	70258	14.917	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	42996	13.581	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	41960	12.840	ug/L	96
67) 1,2-Dichlorobenzene	11.577	146	40938	13.741	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	6946	27.950	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	15365	6.488	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	8489	4.553	ug/L	99
71) Naphthalene	13.442	128	19090	6.273	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	6684	3.928	ug/L	95

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

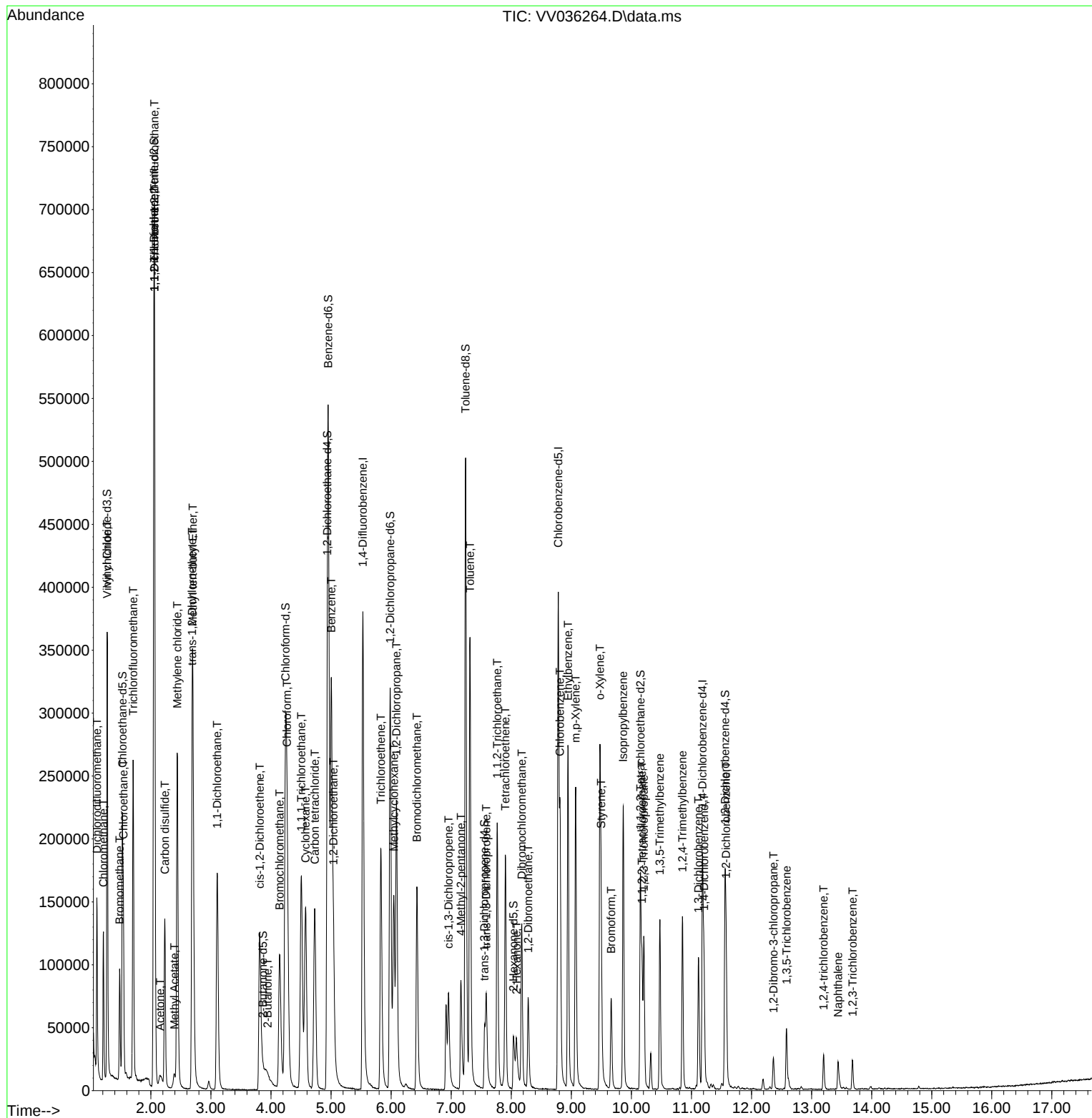
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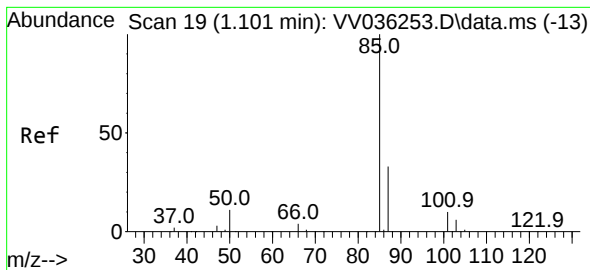
Instrument :
 MSVOA_V
 ClientSampleId :
 A4CG2MSD

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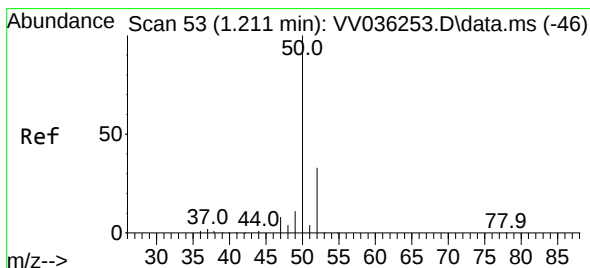
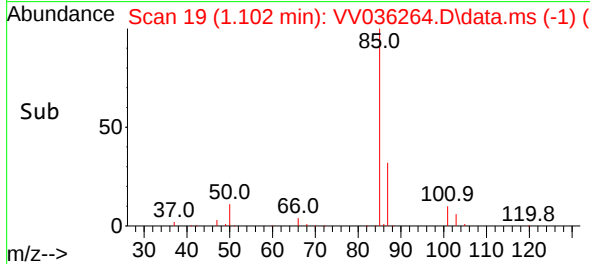
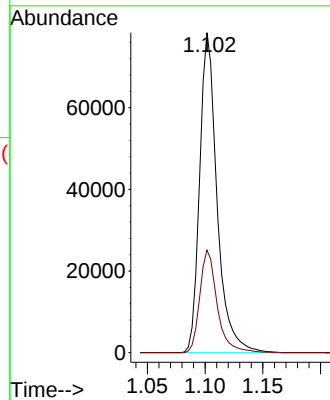
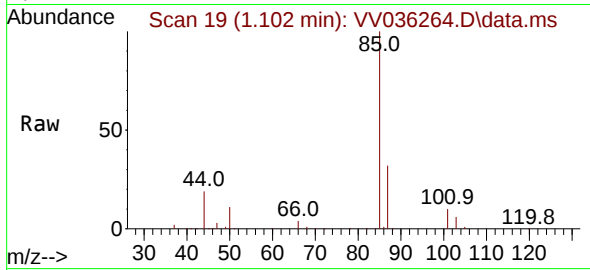
#2
Dichlorodifluoromethane
Concen: 13.420 ug/L
RT: 1.102 min Scan# 19
Delta R.T. 0.000 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

Instrument :
MSVOA_V
ClientSampleId :
A4CG2MSD

Tgt Ion: 85 Resp: 82110
Ion Ratio Lower Upper
85 100
87 32.1 25.9 38.9

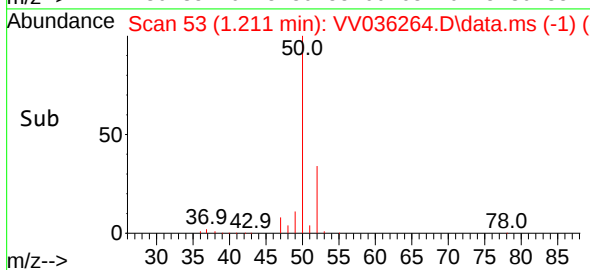
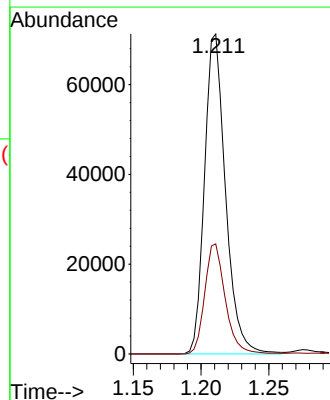
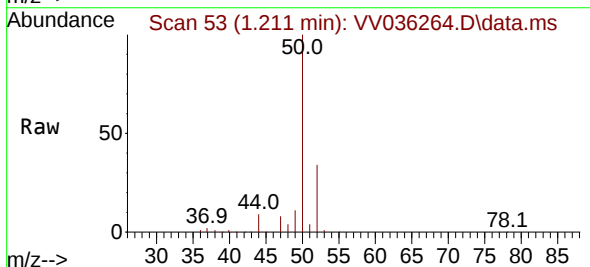
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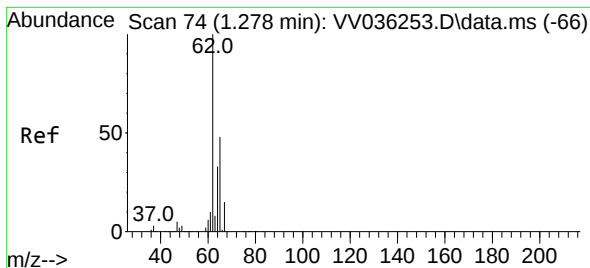
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024



#3
Chloromethane
Concen: 10.939 ug/L
RT: 1.211 min Scan# 53
Delta R.T. 0.000 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

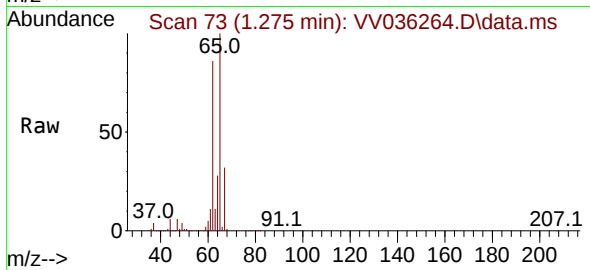
Tgt Ion: 50 Resp: 76821
Ion Ratio Lower Upper
50 100
52 34.4 22.8 42.4





#5
 Vinyl chloride
 Concen: 14.410 ug/L
 RT: 1.275 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VV036264.D
 Acq: 24 Jun 2024 23:41

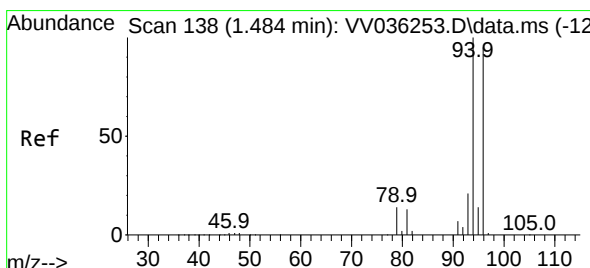
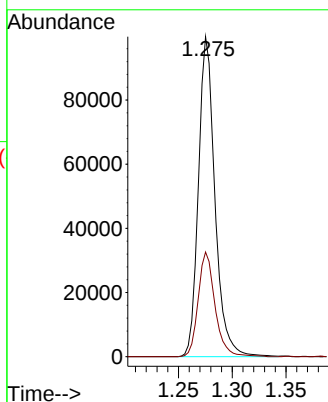
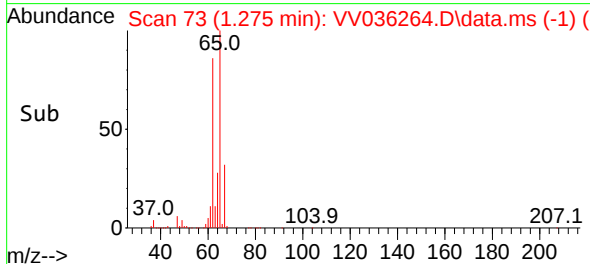
Instrument :
 MSVOA_V
 ClientSampleId :
 A4CG2MSD



Tgt Ion: 62 Resp: 106534
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.9 42.5

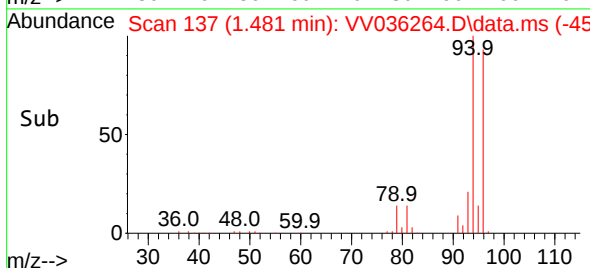
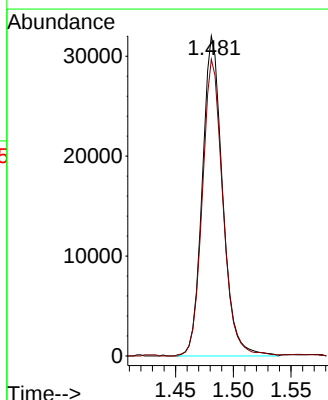
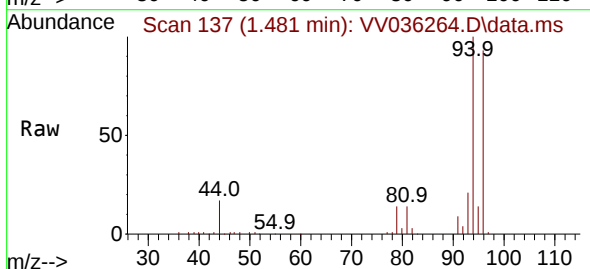
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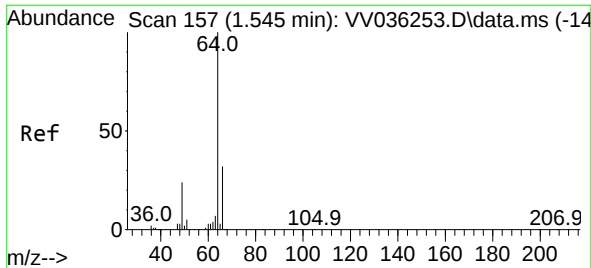
Reviewed By :Mahesh Dadoda 06/26/2024
 Supervised By :Semsettin Yesilyurt 06/26/2024



#6
 Bromomethane
 Concen: 8.546 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. -0.003 min
 Lab File: VV036264.D
 Acq: 24 Jun 2024 23:41

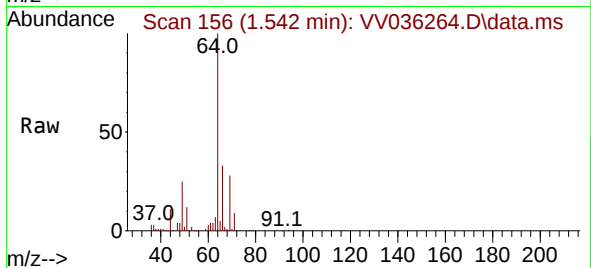
Tgt Ion: 94 Resp: 39196
 Ion Ratio Lower Upper
 94 100
 96 92.7 65.7 122.1





#8
Chloroethane
Concen: 16.204 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

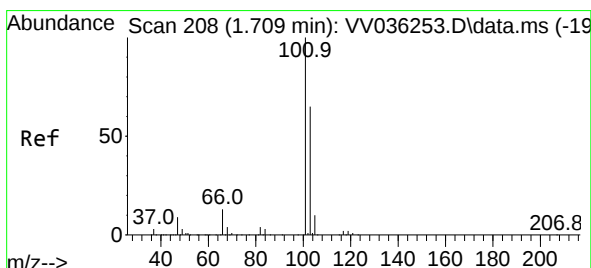
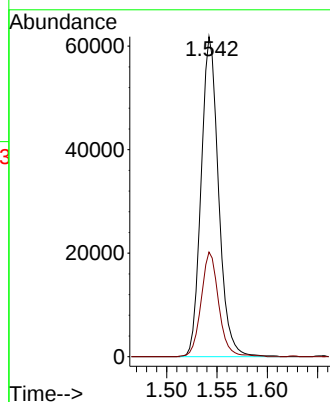
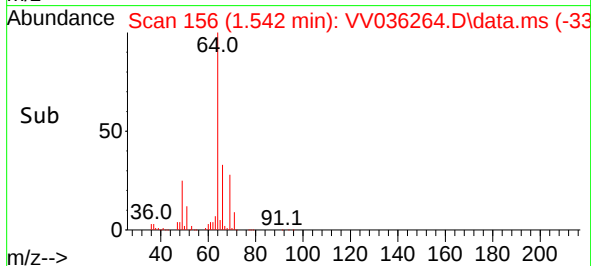
Instrument :
MSVOA_V
ClientSampleId :
A4CG2MSD



Tgt Ion: 64 Resp: 7446
Ion Ratio Lower Upper
64 100
66 32.7 22.0 41.0

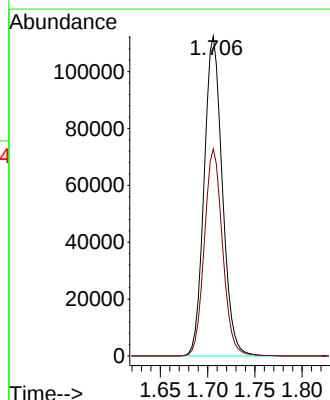
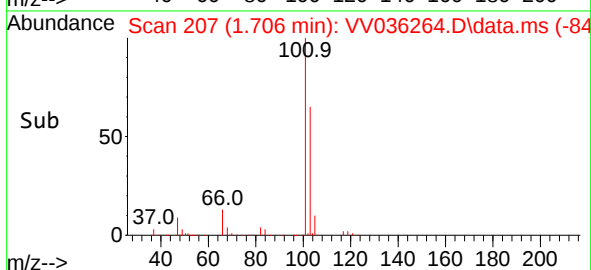
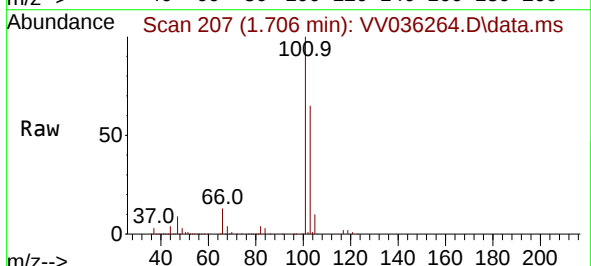
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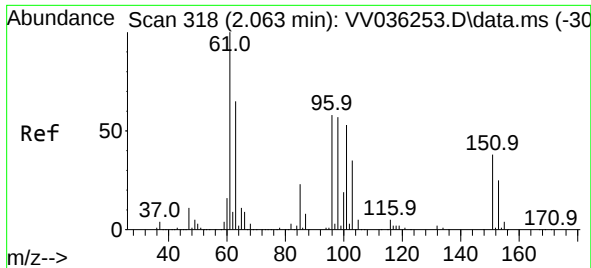
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024



#9
Trichlorofluoromethane
Concen: 16.411 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.003 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

Tgt Ion:101 Resp: 150671
Ion Ratio Lower Upper
101 100
103 64.5 51.8 77.8





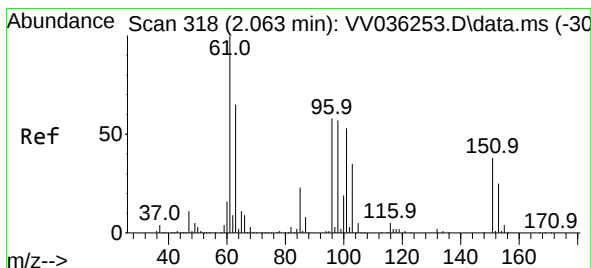
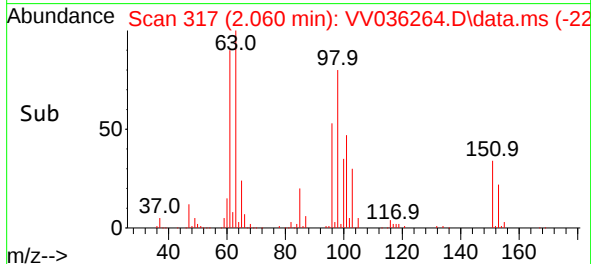
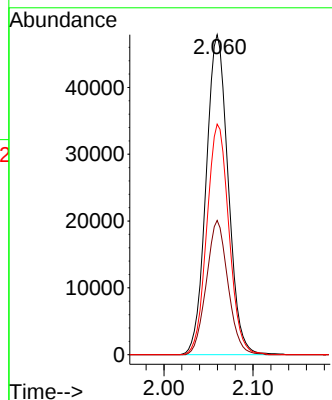
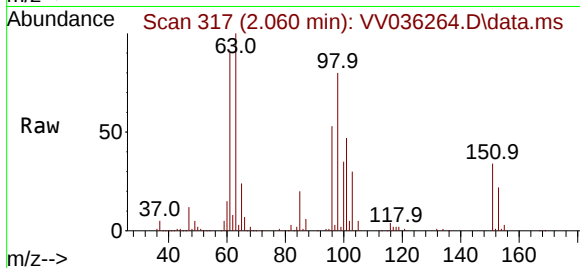
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 14.118 ug/L
RT: 2.060 min Scan# 317
Delta R.T. -0.003 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

Instrument :
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A4CG2MSD

Tgt Ion:101 Resp: 8226
Ion Ratio Lower Upper
101 100
85 41.1 34.5 51.7
151 72.2 56.3 84.5

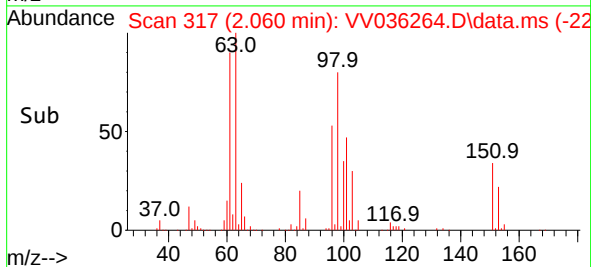
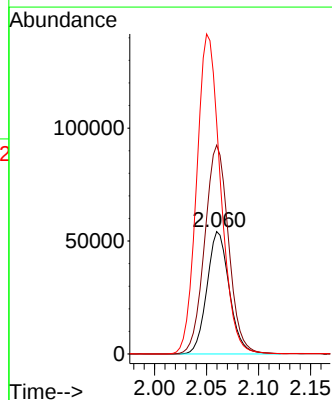
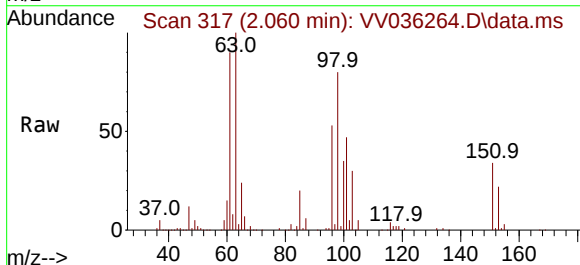
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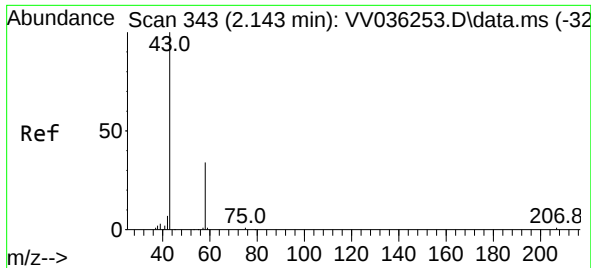
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024



#12
1,1-Dichloroethene
Concen: 14.939 ug/L
RT: 2.060 min Scan# 317
Delta R.T. -0.003 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

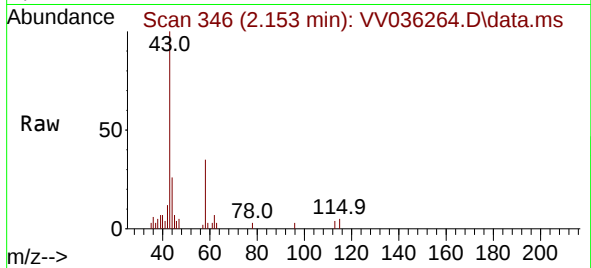
Tgt Ion: 96 Resp: 81184
Ion Ratio Lower Upper
96 100
61 170.6 127.3 236.3
63 189.0 93.7 173.9#





#13
Acetone
Concen: 12.561 ug/L m
RT: 2.153 min Scan# 343
Delta R.T. 0.010 min
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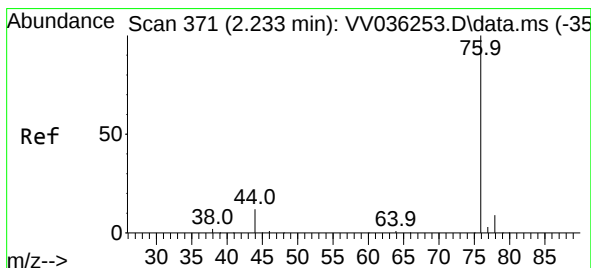
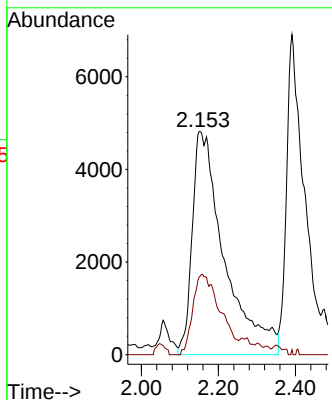
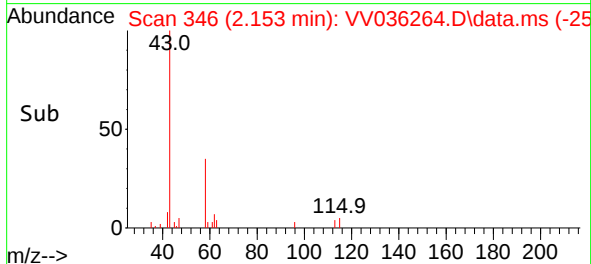
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Tgt Ion: 43 Resp: 28010
Ion Ratio Lower Upper
43 100
58 0.2 0.0 24.2

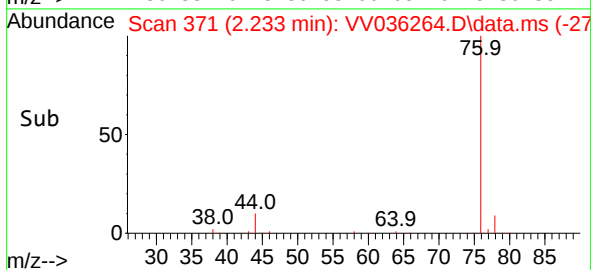
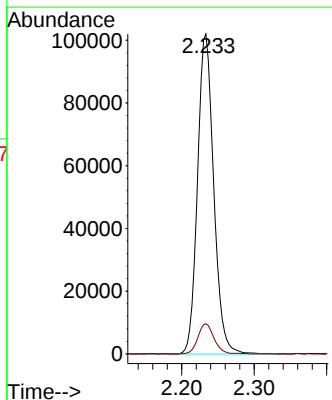
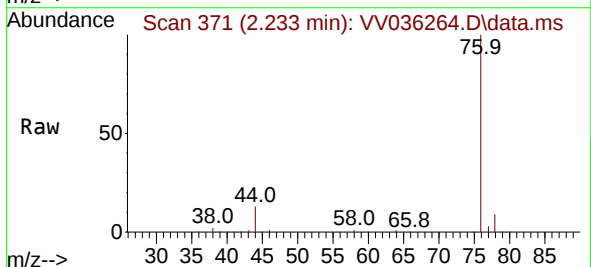
Manual Integrations
APPROVED

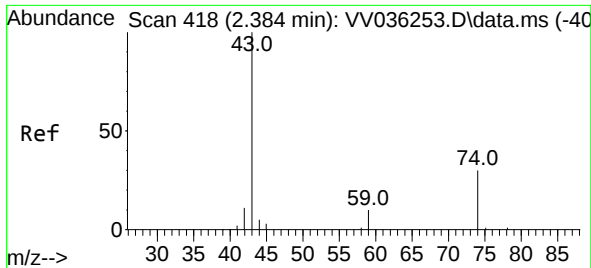
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024



#14
Carbon disulfide
Concen: 8.377 ug/L
RT: 2.233 min Scan# 371
Delta R.T. 0.000 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

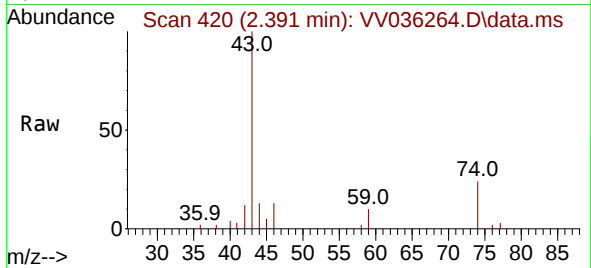
Tgt Ion: 76 Resp: 158094
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2





#15
Methyl Acetate
Concen: 6.727 ug/L
RT: 2.391 min Scan# 418
Delta R.T. 0.007 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

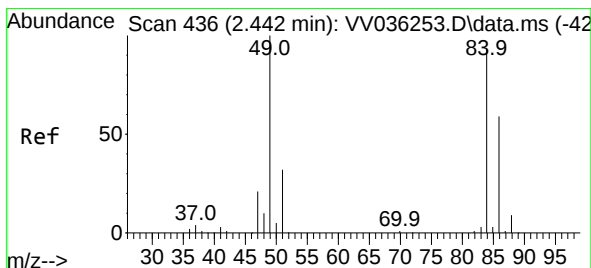
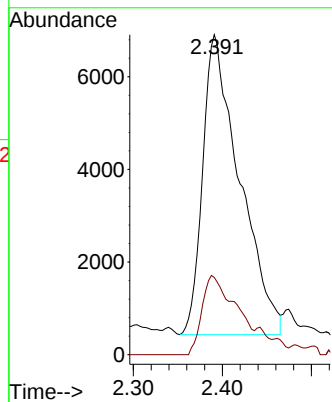
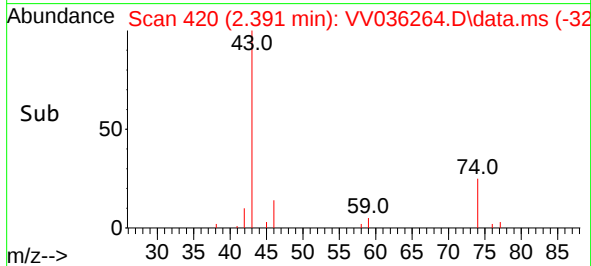
Instrument :
MSVOA_V
ClientSampleId :
A4CG2MSD



Tgt Ion: 43 Resp: 18644
Ion Ratio Lower Upper
43 100
74 16.3 21.4 32.2

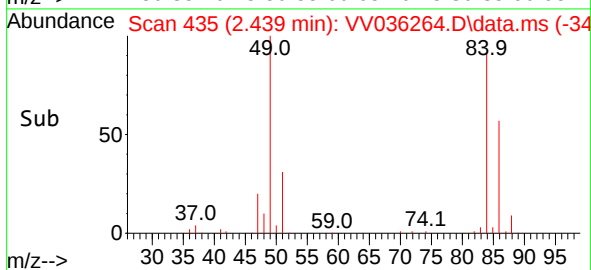
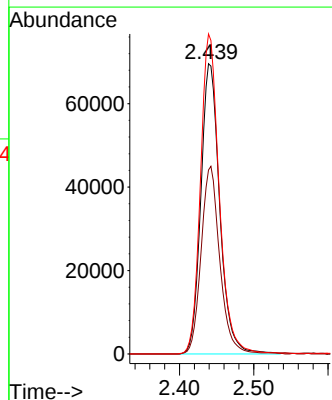
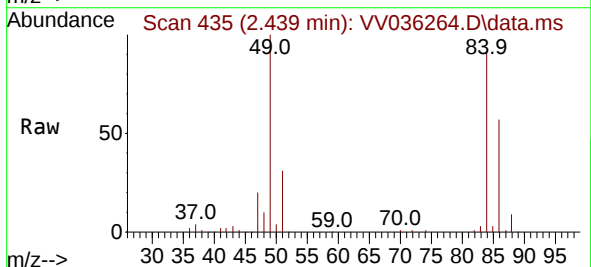
Manual Integrations
APPROVED

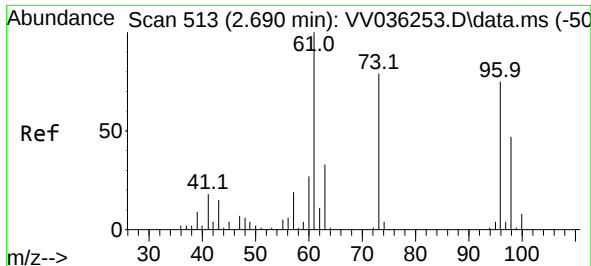
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024



#16
Methylene chloride
Concen: 16.032 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.003 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

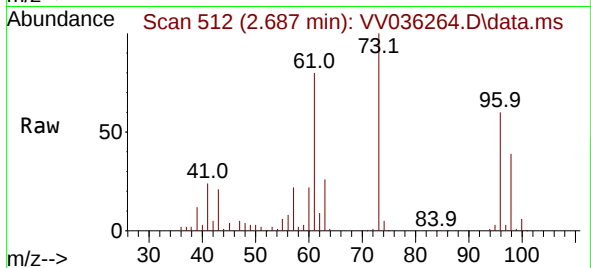
Tgt Ion: 84 Resp: 123114
Ion Ratio Lower Upper
84 100
86 63.4 44.6 82.8
49 110.3 81.1 150.5





#17
trans-1,2-Dichloroethene
Concen: 11.702 ug/L
RT: 2.687 min Scan# 513
Delta R.T. -0.003 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

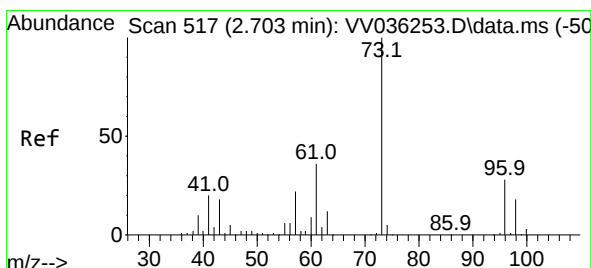
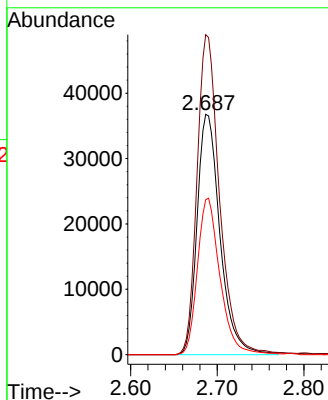
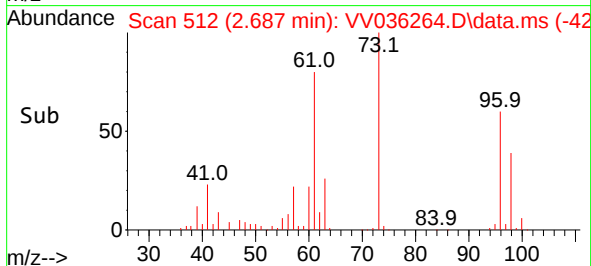
Instrument :
MSVOA_V
ClientSampleId :
A4CG2MSD



Tgt Ion: 96 Resp: 67552
Ion Ratio Lower Upper
96 100
61 133.2 99.4 184.6
98 64.5 44.9 83.3

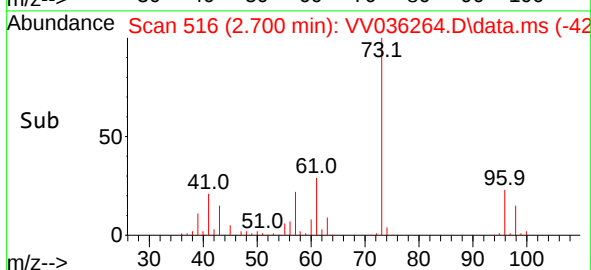
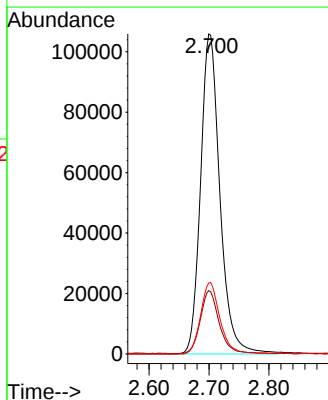
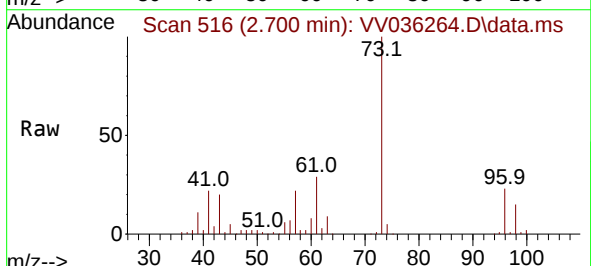
Manual Integrations
APPROVED

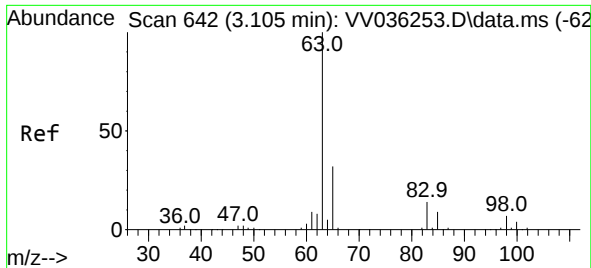
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024



#18
Methyl tert-butyl Ether
Concen: 18.353 ug/L
RT: 2.700 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

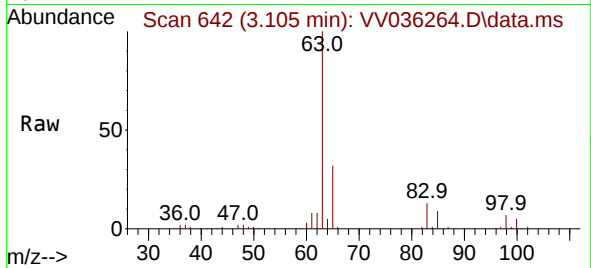
Tgt Ion: 73 Resp: 237853
Ion Ratio Lower Upper
73 100
43 18.9 14.3 21.5
57 22.4 17.8 26.6





#19
1,1-Dichloroethane
Concen: 16.475 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

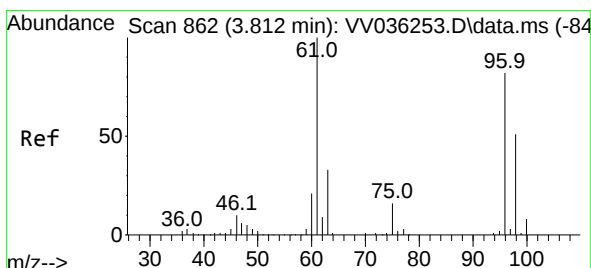
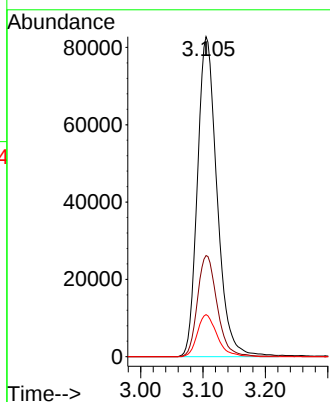
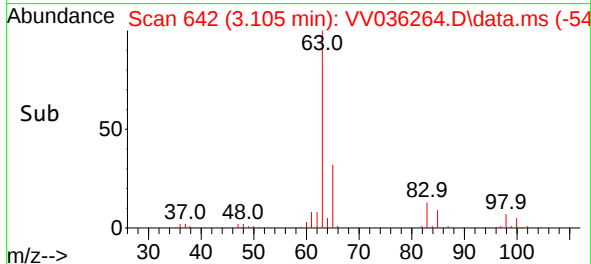
Instrument :
MSVOA_V
ClientSampleId :
A4CG2MSD



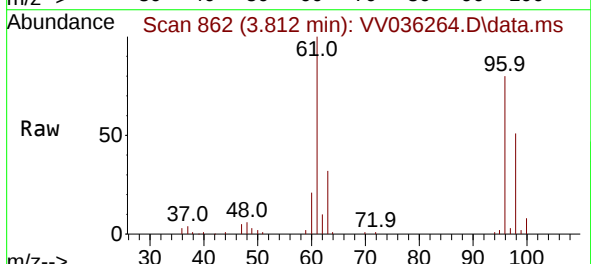
Tgt Ion: 63 Resp: 181120
Ion Ratio Lower Upper
63 100
65 31.6 22.4 41.6
83 13.1 9.2 17.0

Manual Integrations
APPROVED

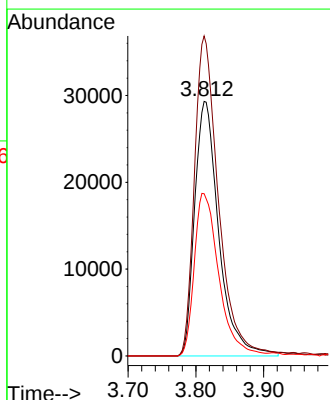
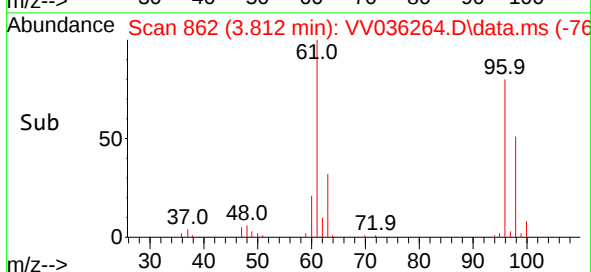
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024

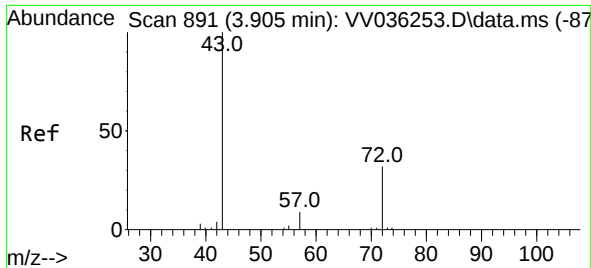


#20
cis-1,2-Dichloroethene
Concen: 12.530 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.000 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41



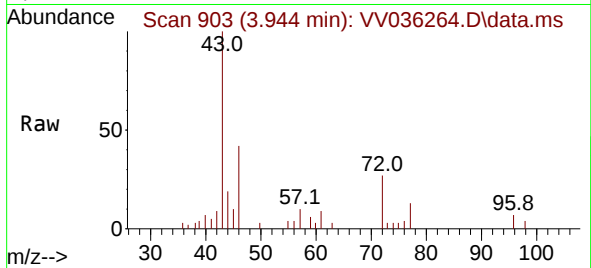
Tgt Ion: 96 Resp: 72683
Ion Ratio Lower Upper
96 100
61 125.7 87.9 163.3
98 63.7 44.4 82.5





#22
2-Butanone
Concen: 19.232 ug/L m
RT: 3.944 min Scan# 903
Delta R.T. 0.039 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

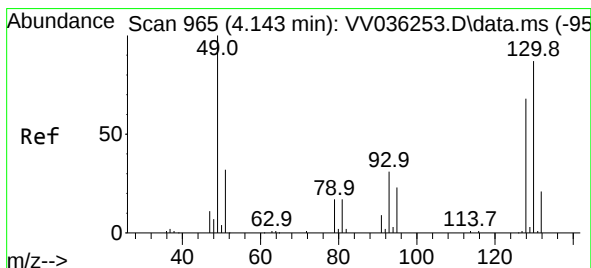
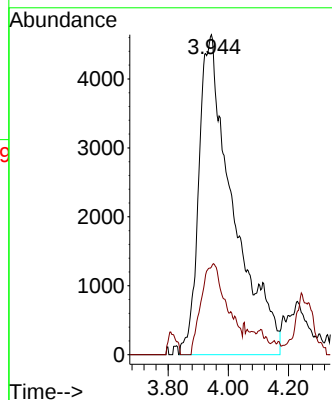
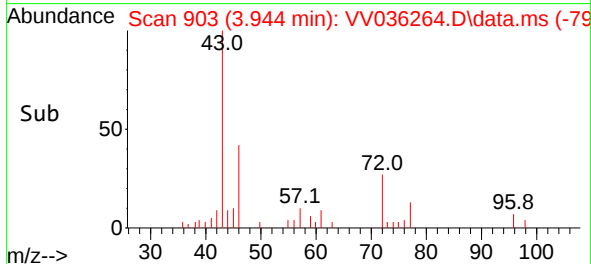
Instrument :
MSVOA_V
ClientSampleId :
A4CG2MSD



Tgt Ion: 43 Resp: 3638
Ion Ratio Lower Upper
43 100
72 0.1 8.2 24.4

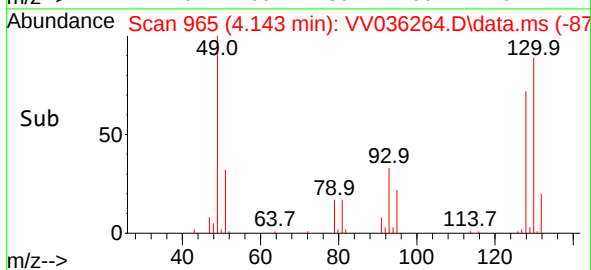
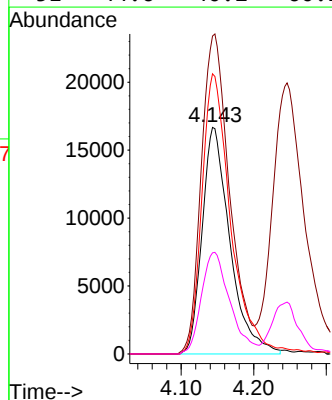
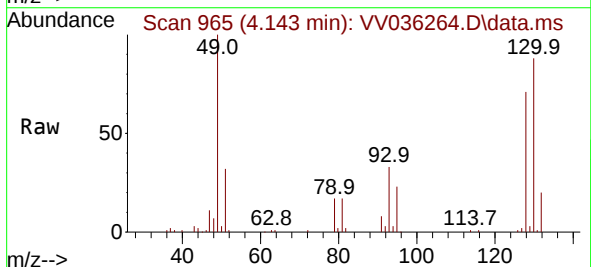
Manual Integrations
APPROVED

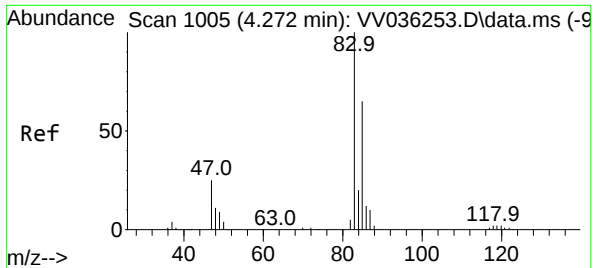
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024



#23
Bromochloromethane
Concen: 15.240 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.000 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

Tgt Ion:128 Resp: 44344
Ion Ratio Lower Upper
128 100
49 140.3 110.2 204.6
130 123.6 90.2 167.4
51 44.6 40.2 60.2





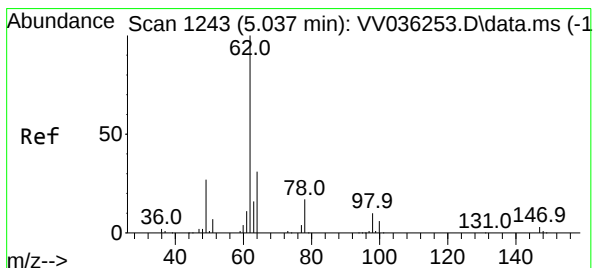
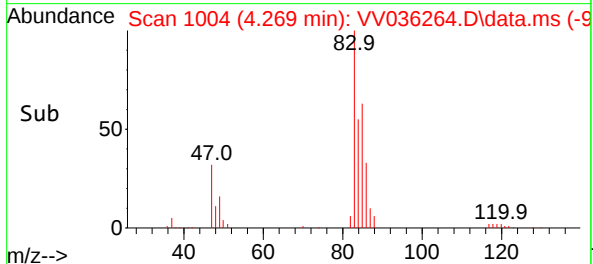
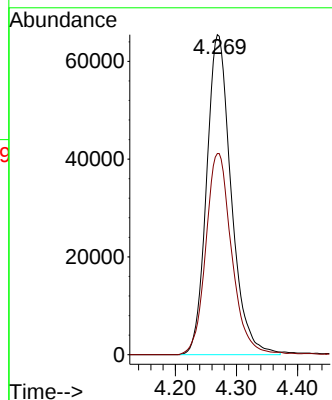
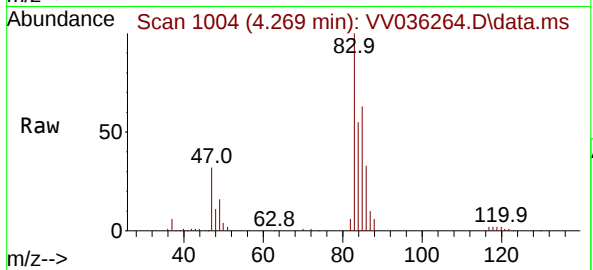
#25
Chloroform
Concen: 16.182 ug/L
RT: 4.269 min Scan# 1004
Delta R.T. -0.003 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

Instrument :
MSVOA_V
ClientSampleId :
A4CG2MSD

Tgt Ion: 83 Resp: 18300
Ion Ratio Lower Upper
83 100
85 62.9 45.2 84.0

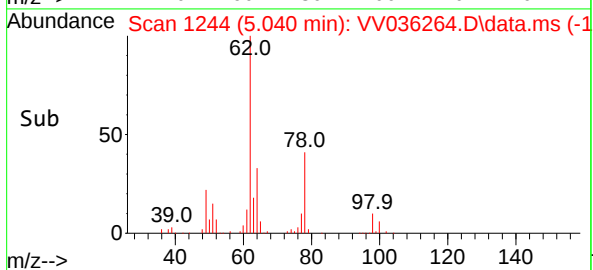
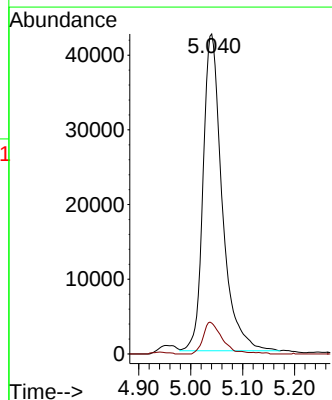
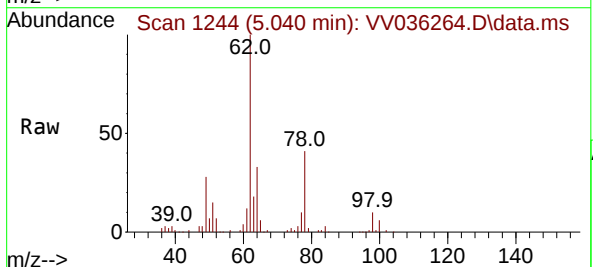
Manual Integrations
APPROVED

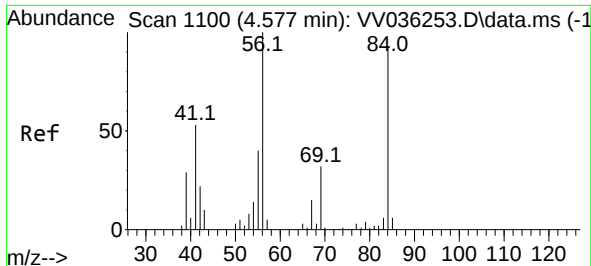
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024



#27
1,2-Dichloroethane
Concen: 15.296 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

Tgt Ion: 62 Resp: 107997
Ion Ratio Lower Upper
62 100
98 9.7 7.8 11.6





#29

Cyclohexane

Concen: 13.787 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VV036264.D

Acq: 24 Jun 2024 23:41

Instrument :

MSVOA_V

ClientSampleId :

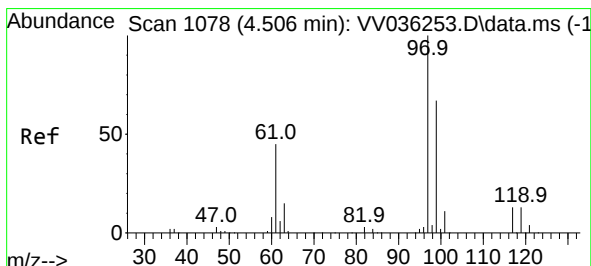
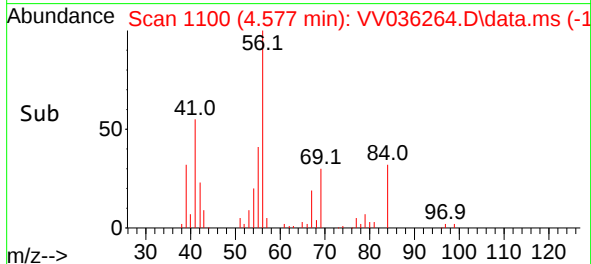
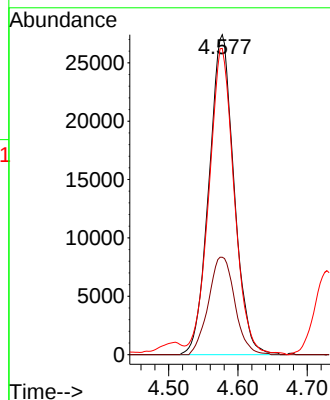
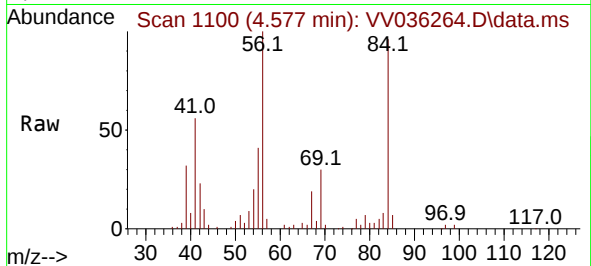
A4CG2MSD

Tgt Ion: 56	Resp: 6896
Ion Ratio	Lower Upper
56	100
69	32.0 25.2 37.8
84	94.3 72.2 108.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024



#30

1,1,1-Trichloroethane

Concen: 24.716 ug/L

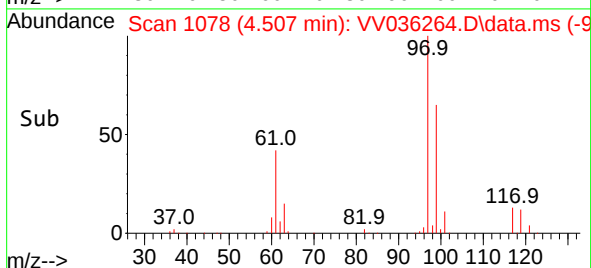
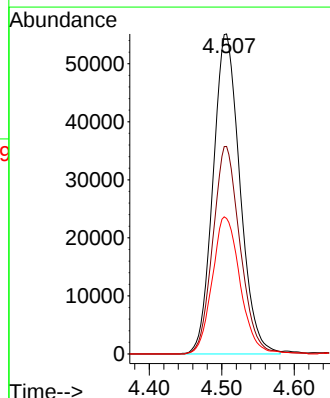
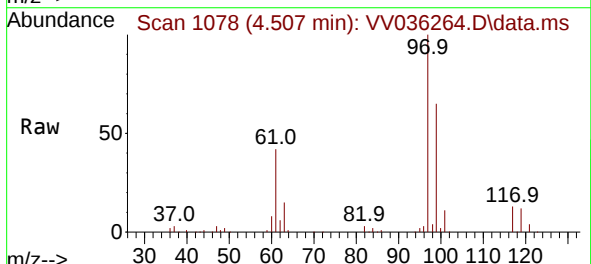
RT: 4.507 min Scan# 1078

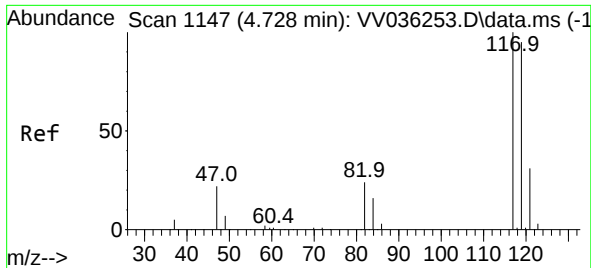
Delta R.T. 0.000 min

Lab File: VV036264.D

Acq: 24 Jun 2024 23:41

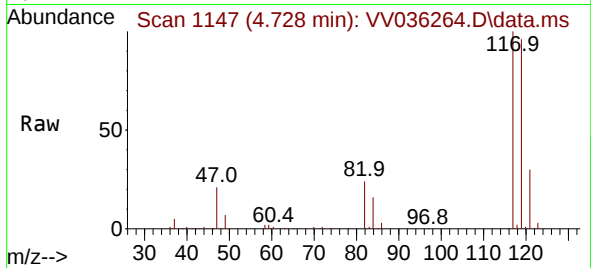
Tgt Ion: 97	Resp: 141958
Ion Ratio	Lower Upper
97	100
99	65.8 50.9 76.3
61	44.4 35.0 52.6





#31
Carbon tetrachloride
Concen: 22.395 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. 0.000 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

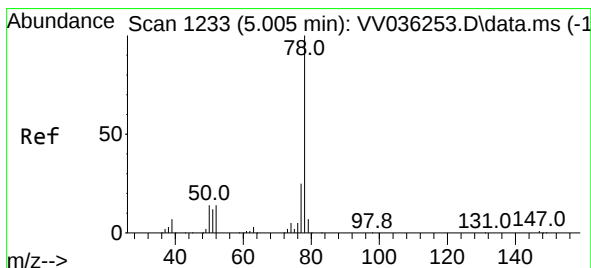
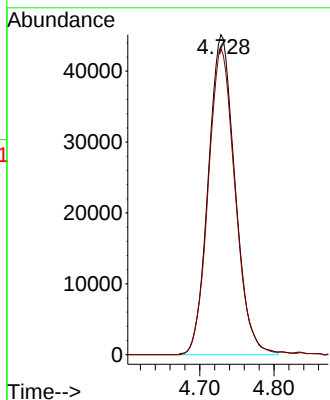
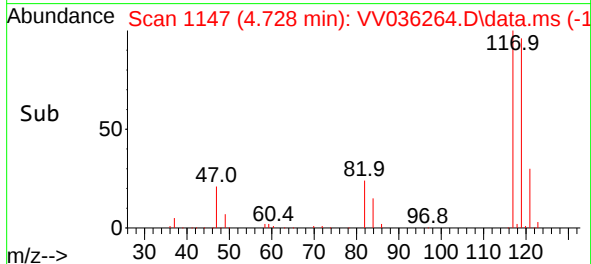
Instrument :
MSVOA_V
ClientSampleId :
A4CG2MSD



Tgt Ion:117 Resp: 112840
Ion Ratio Lower Upper
117 100
119 95.9 76.8 115.2

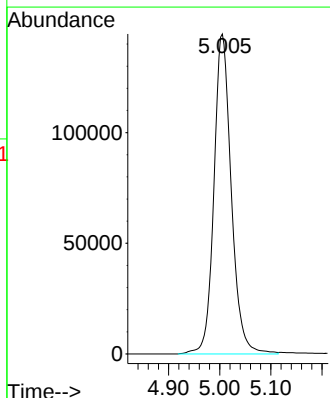
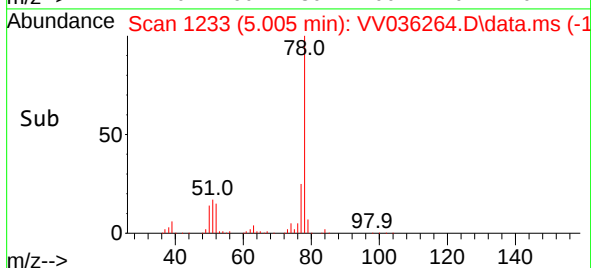
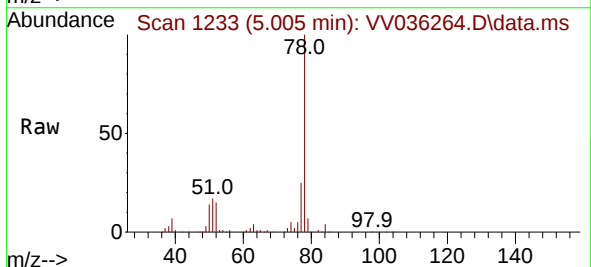
Manual Integrations
APPROVED

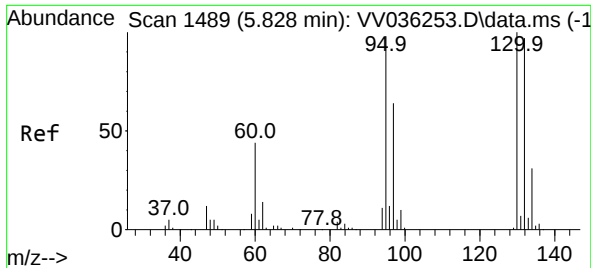
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024



#33
Benzene
Concen: 24.850 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

Tgt Ion: 78 Resp: 341465





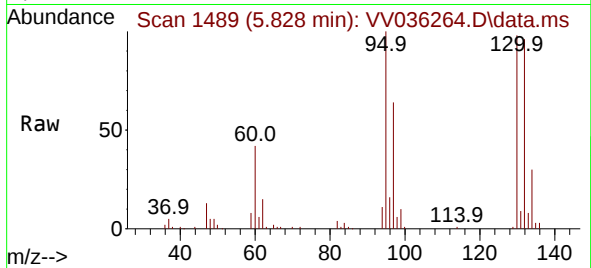
#34
Trichloroethene
Concen: 16.763 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

Instrument :

MSVOA_V

ClientSampleId :

A4CG2MSD

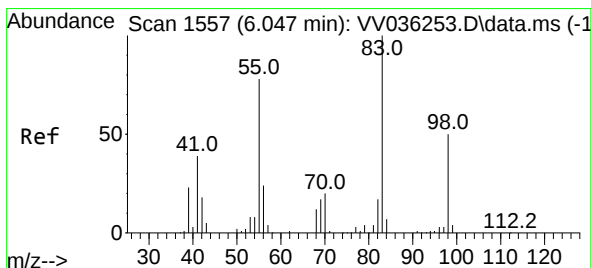
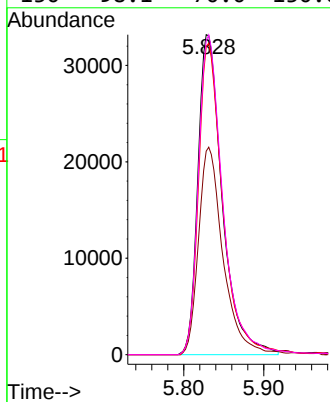
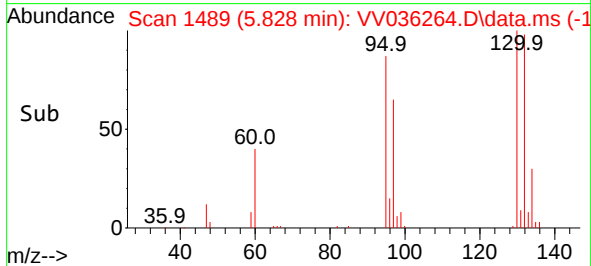


Tgt Ion: 95 Resp: 7059
Ion Ratio Lower Upper
95 100
97 63.6 44.8 83.2
132 96.3 66.8 124.2
130 98.1 70.0 130.0

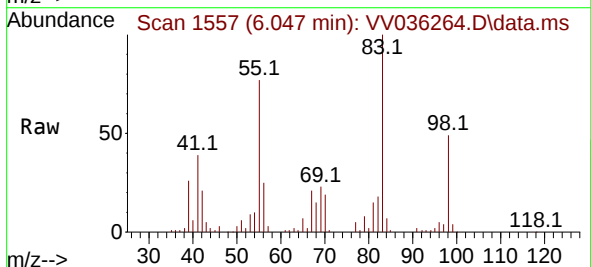
Manual Integrations

APPROVED

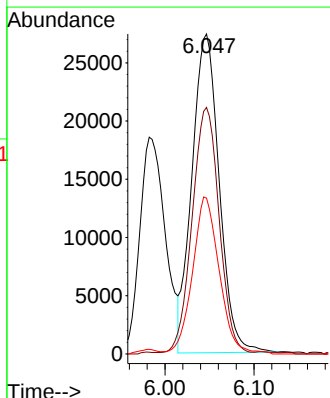
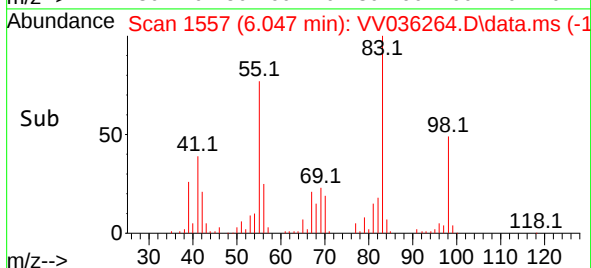
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024

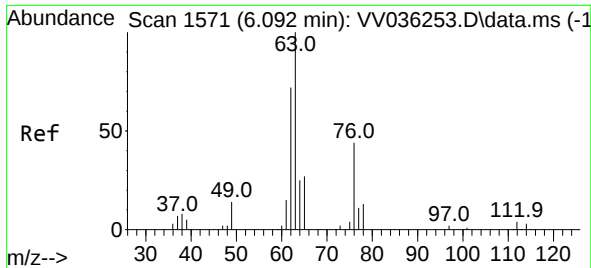


#35
Methylcyclohexane
Concen: 10.001 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41



Tgt Ion: 83 Resp: 58244
Ion Ratio Lower Upper
83 100
55 77.1 60.7 91.1
98 46.6 38.7 58.1





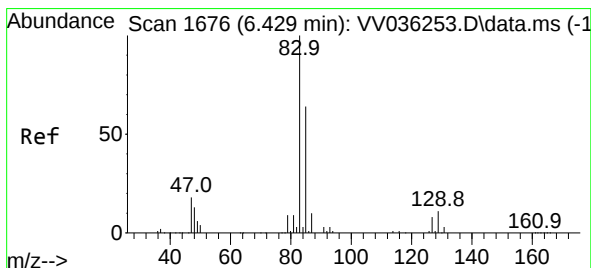
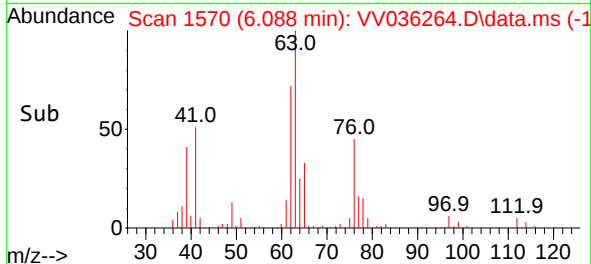
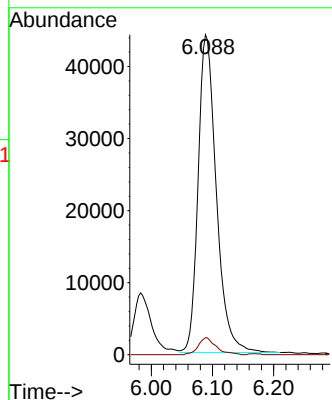
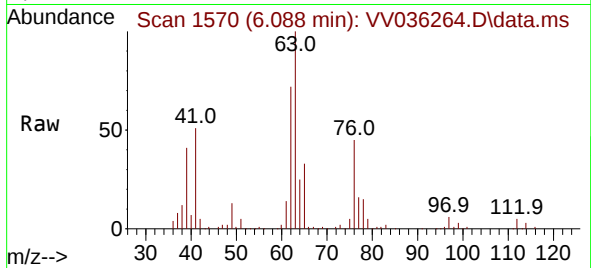
#37
1,2-Dichloropropane
Concen: 25.307 ug/L
RT: 6.088 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

Instrument :
MSVOA_V
ClientSampleId :
A4CG2MSD

Tgt Ion: 63 Resp: 91309
Ion Ratio Lower Upper
63 100
112 5.2 3.5 5.3

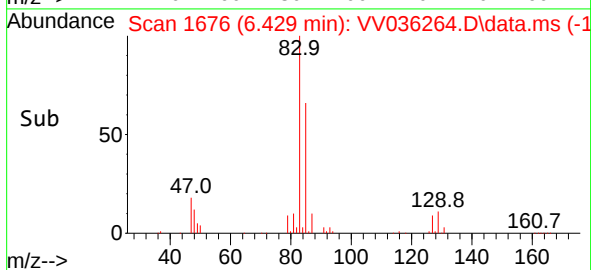
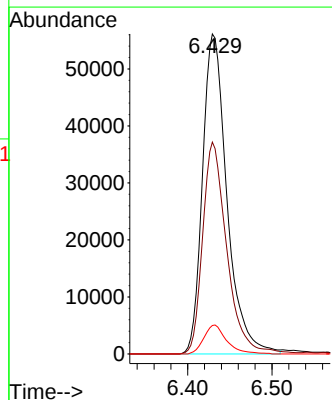
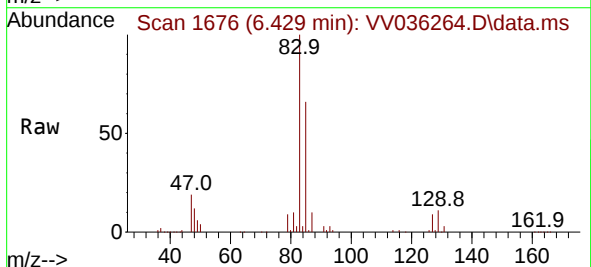
Manual Integrations
APPROVED

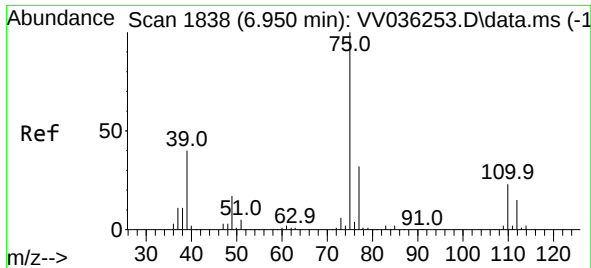
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024



#38
Bromodichloromethane
Concen: 23.768 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

Tgt Ion: 83 Resp: 113508
Ion Ratio Lower Upper
83 100
85 66.2 45.3 84.1
127 8.9 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 10.024 ug/L

RT: 6.957 min Scan# 1838

Delta R.T. 0.007 min

Lab File: VV036264.D

Acq: 24 Jun 2024 23:41

Instrument :

MSVOA_V

ClientSampleId :

A4CG2MSD

Tgt Ion: 75 Resp: 5409

Ion Ratio Lower Upper

75 100

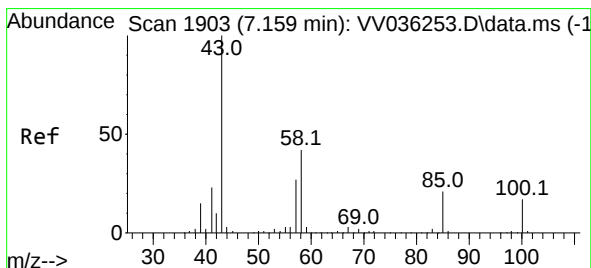
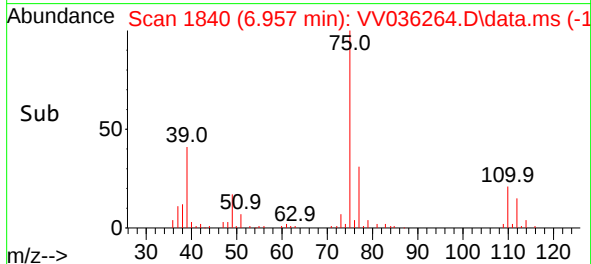
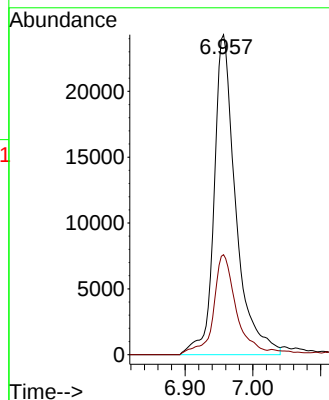
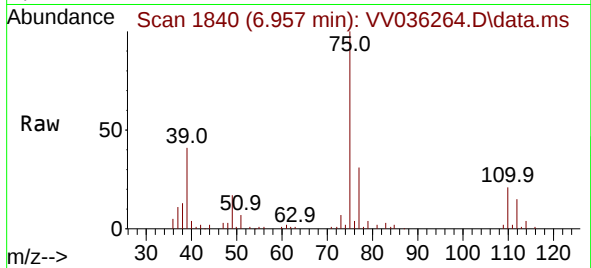
77 31.3 22.1 41.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2024

Supervised By :Semsettin Yesilyurt 06/26/2024



#40

4-Methyl-2-pentanone

Concen: 30.707 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.003 min

Lab File: VV036264.D

Acq: 24 Jun 2024 23:41

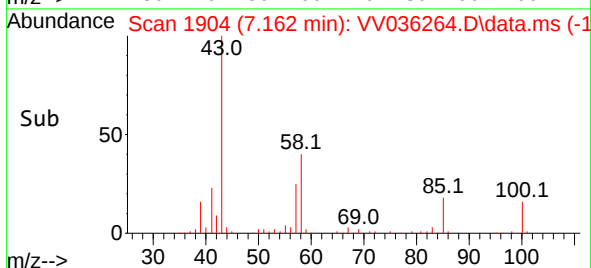
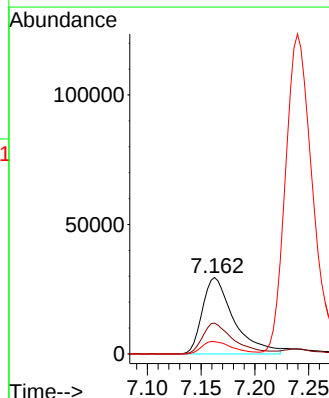
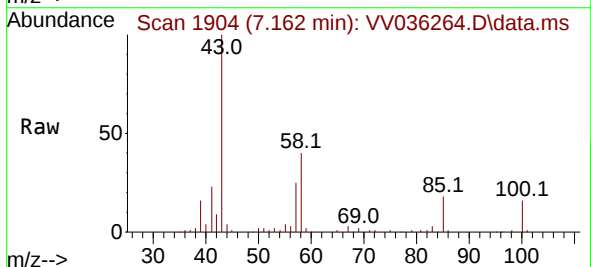
Tgt Ion: 43 Resp: 60194

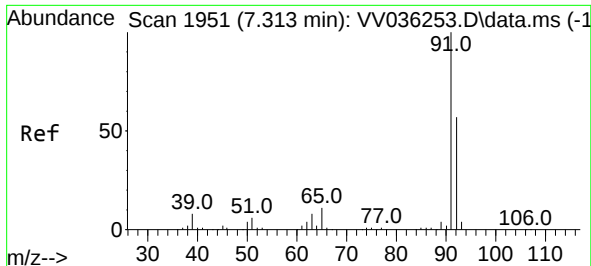
Ion Ratio Lower Upper

43 100

58 39.8 32.5 48.7

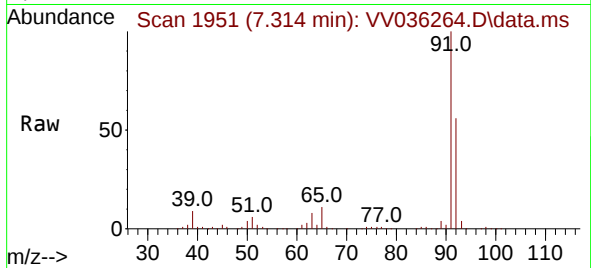
100 16.1 12.5 18.7





#42
Toluene
Concen: 19.604 ug/L
RT: 7.314 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

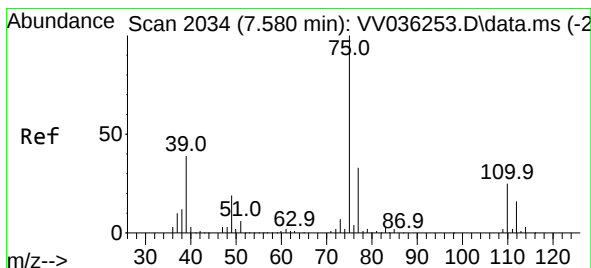
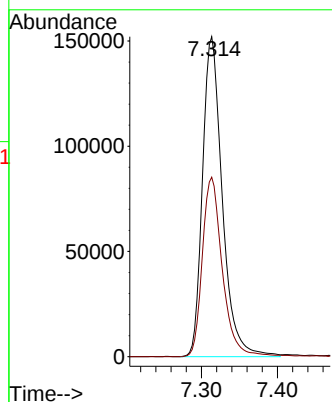
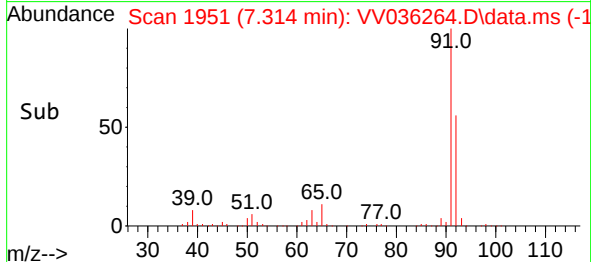
Instrument :
MSVOA_V
ClientSampleId :
A4CG2MSD



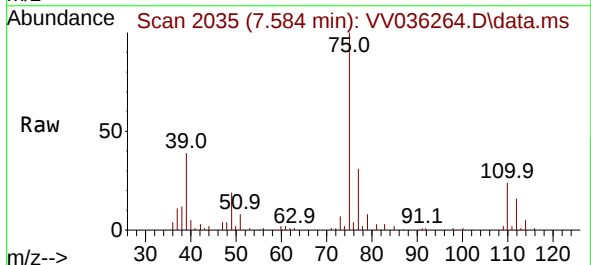
Tgt Ion: 91 Resp: 27525
Ion Ratio Lower Upper
91 100
92 56.1 40.6 75.4

Manual Integrations
APPROVED

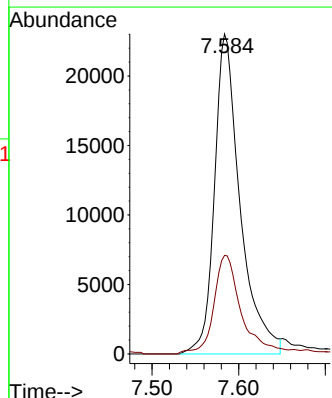
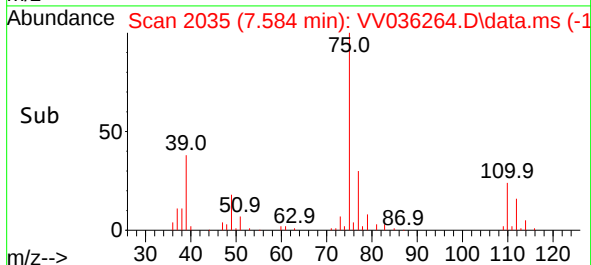
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024

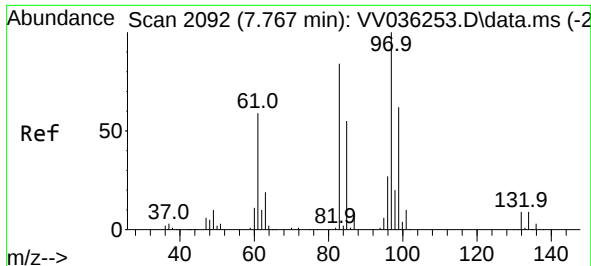


#44
trans-1,3-Dichloropropene
Concen: 10.174 ug/L
RT: 7.584 min Scan# 2035
Delta R.T. 0.003 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41



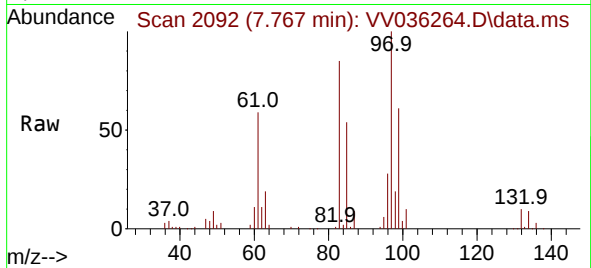
Tgt Ion: 75 Resp: 47422
Ion Ratio Lower Upper
75 100
77 30.8 23.1 42.9





#45
1,1,2-Trichloroethane
Concen: 23.438 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

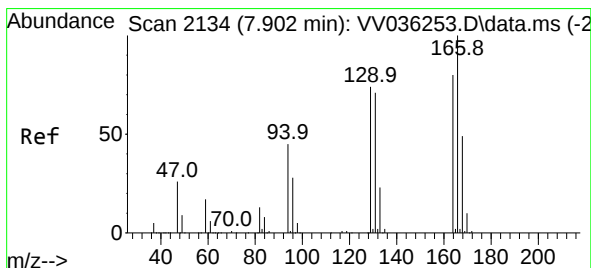
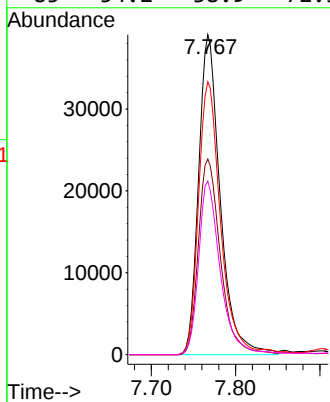
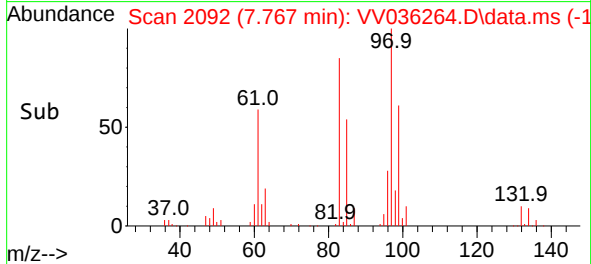
Instrument :
MSVOA_V
ClientSampleId :
A4CG2MSD



Tgt Ion:	97	Resp:	69972
Ion	Ratio	Lower	Upper
97	100		
99	61.2	43.3	80.5
83	85.2	60.1	111.7
85	54.2	38.9	72.3

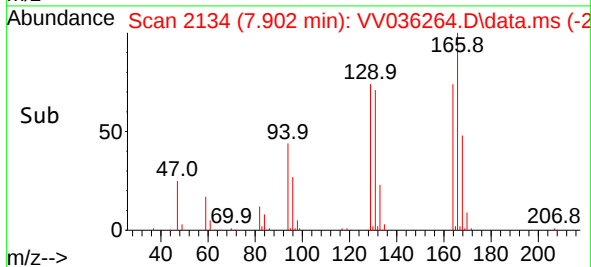
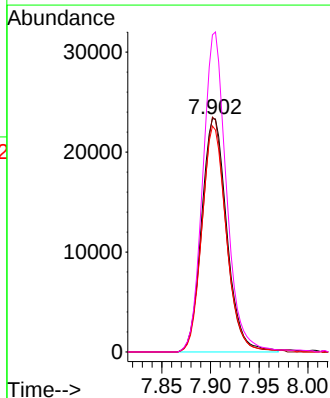
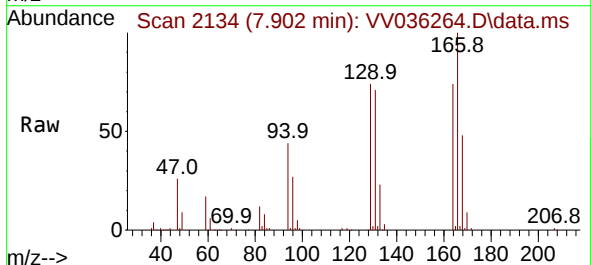
Manual Integrations
APPROVED

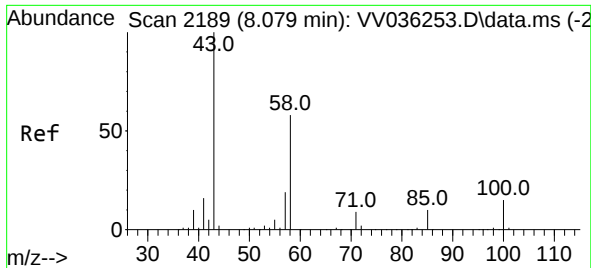
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024



#46
Tetrachloroethene
Concen: 13.695 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

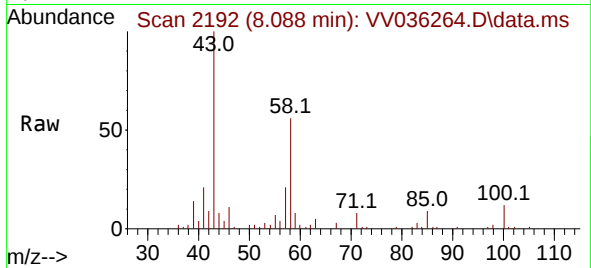
Tgt Ion:	164	Resp:	42182
Ion	Ratio	Lower	Upper
164	100		
129	100.7	64.6	120.0
131	96.8	63.2	117.4
166	135.9	89.5	166.3





#48
2-Hexanone
Concen: 15.657 ug/L
RT: 8.088 min Scan# 2189
Delta R.T. 0.010 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

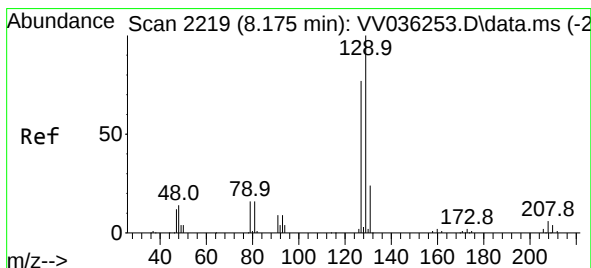
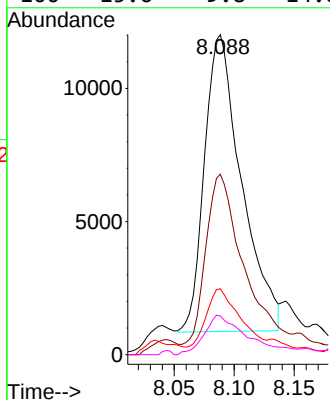
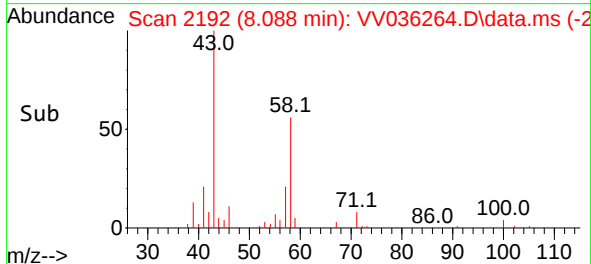
Instrument :
MSVOA_V
ClientSampleId :
A4CG2MSD



Tgt Ion: 43 Resp: 2399
Ion Ratio Lower Upper
43 100
58 59.3 45.4 68.0
57 17.9 15.8 23.8
100 15.6 9.8 14.8#

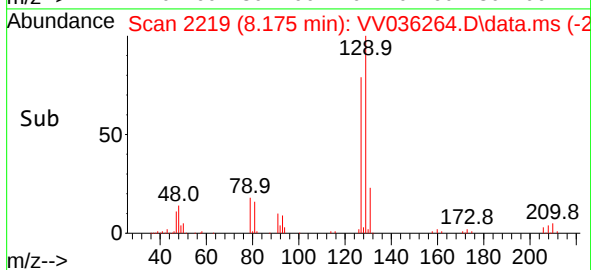
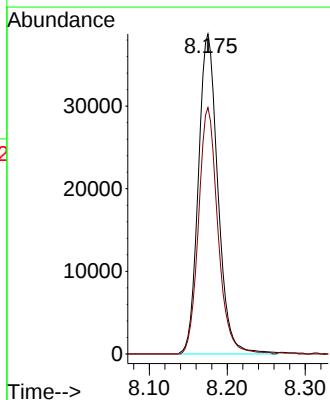
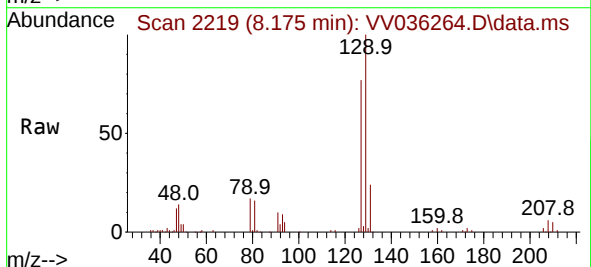
Manual Integrations
APPROVED

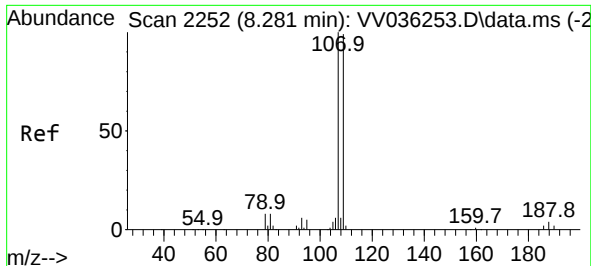
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024



#49
Dibromochloromethane
Concen: 20.664 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

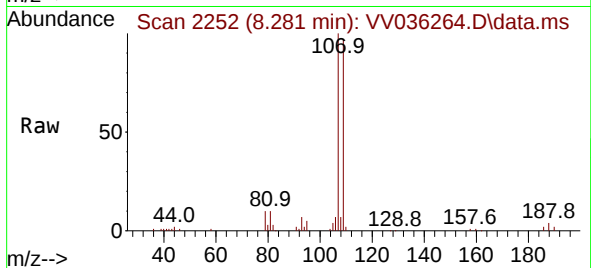
Tgt Ion:129 Resp: 67515
Ion Ratio Lower Upper
129 100
127 77.0 53.9 100.1





#50
1,2-Dibromoethane
Concen: 17.200 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

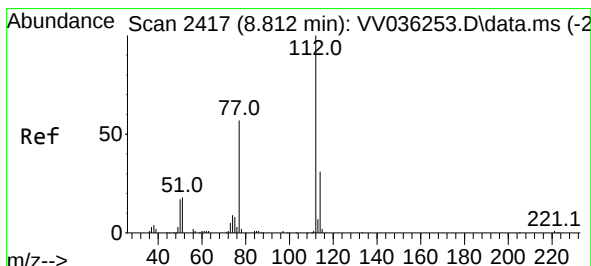
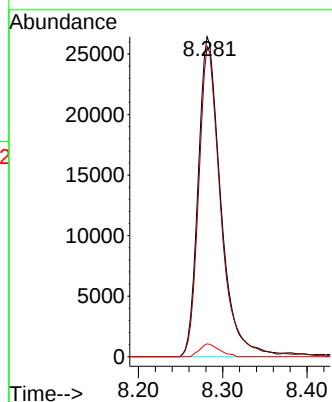
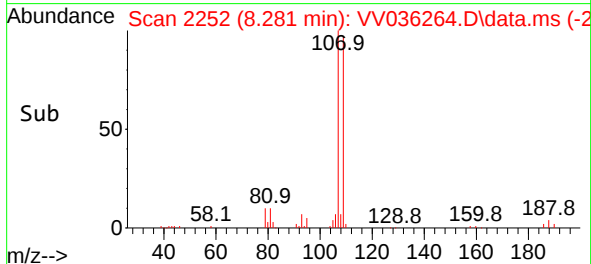
Instrument :
MSVOA_V
ClientSampleId :
A4CG2MSD



Tgt Ion:107 Resp: 49270
Ion Ratio Lower Upper
107 100
109 97.0 66.1 122.7
188 4.0 3.0 4.6

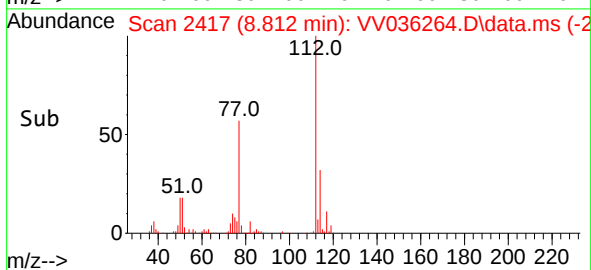
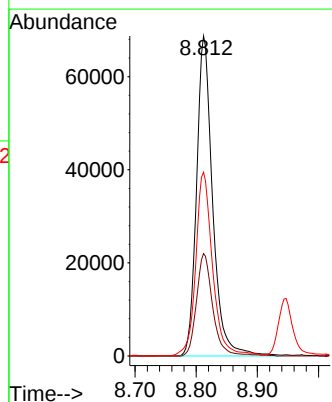
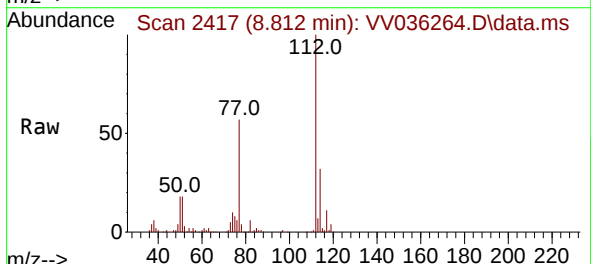
Manual Integrations
APPROVED

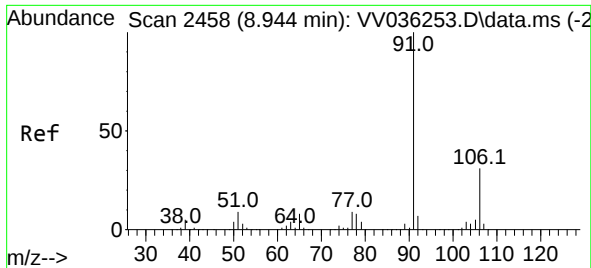
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024



#51
Chlorobenzene
Concen: 13.143 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

Tgt Ion:112 Resp: 125739
Ion Ratio Lower Upper
112 100
114 32.0 22.3 41.5
77 57.4 47.3 70.9





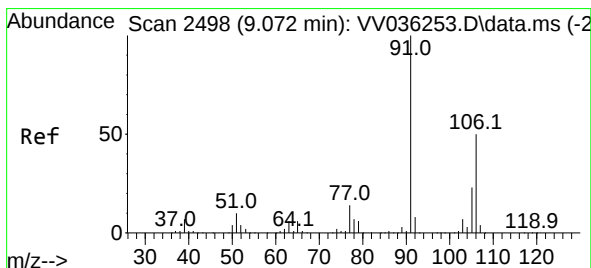
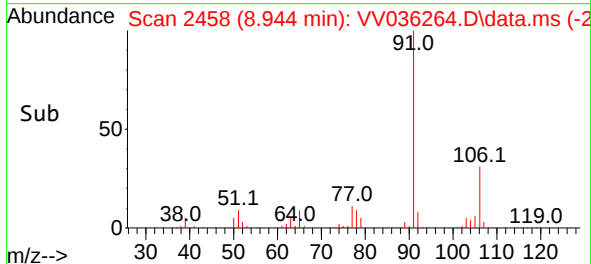
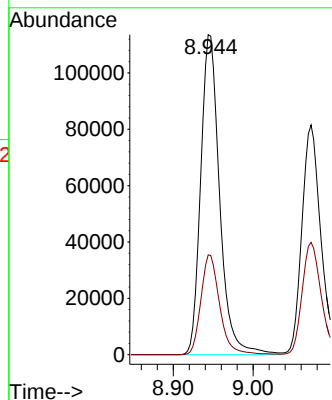
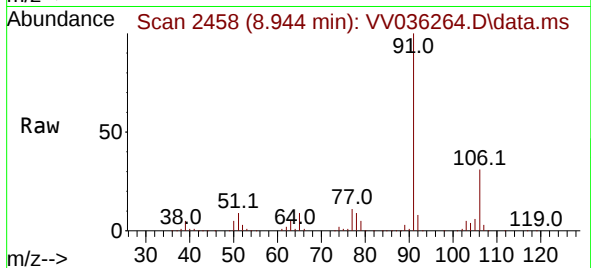
#52
Ethylbenzene
Concen: 12.484 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

Instrument :
MSVOA_V
ClientSampleId :
A4CG2MSD

Tgt Ion: 91 Resp: 187536
Ion Ratio Lower Upper
91 100
106 31.2 21.6 40.0

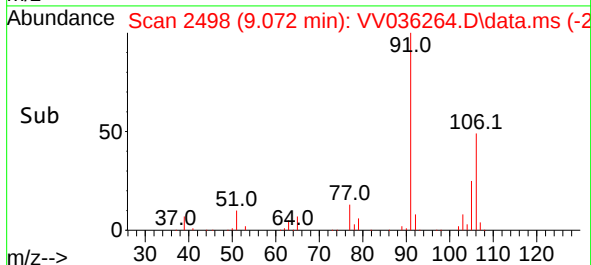
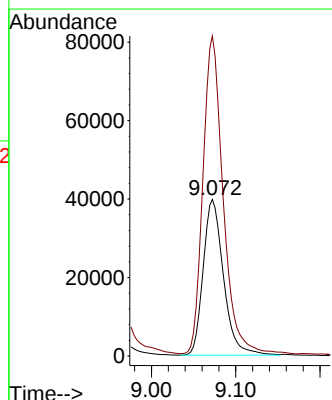
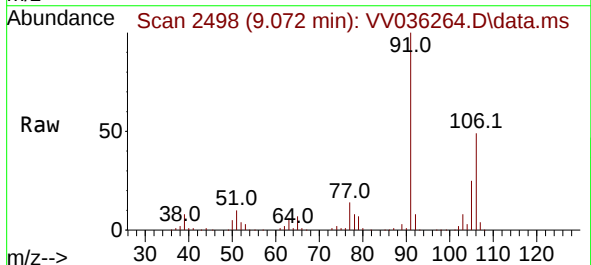
Manual Integrations
APPROVED

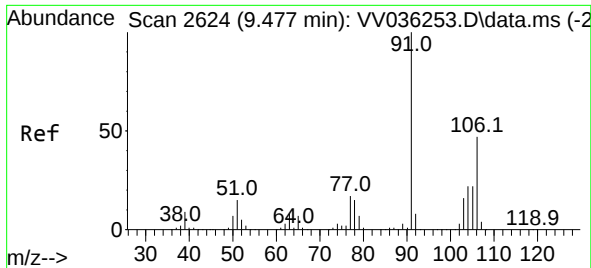
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024



#53
m,p-Xylene
Concen: 11.828 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

Tgt Ion:106 Resp: 66764
Ion Ratio Lower Upper
106 100
91 204.5 143.1 265.9





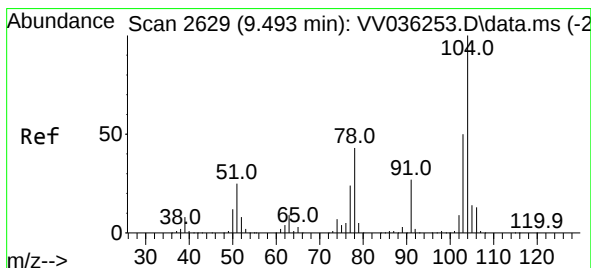
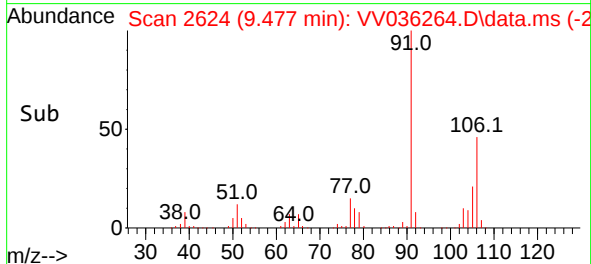
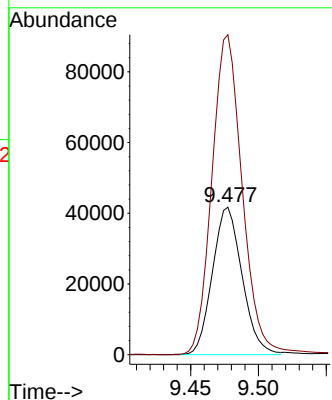
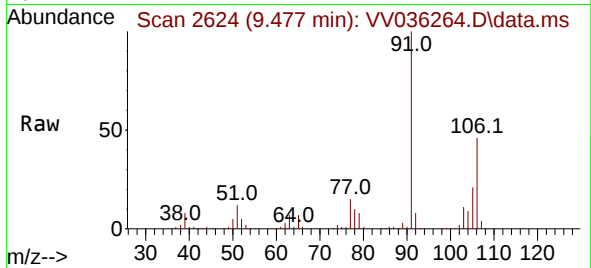
#54
o-Xylene
Concen: 11.952 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

Instrument :
MSVOA_V
ClientSampleId :
A4CG2MSD

Tgt Ion:106 Resp: 63619
Ion Ratio Lower Upper
106 100
91 217.0 154.5 286.9

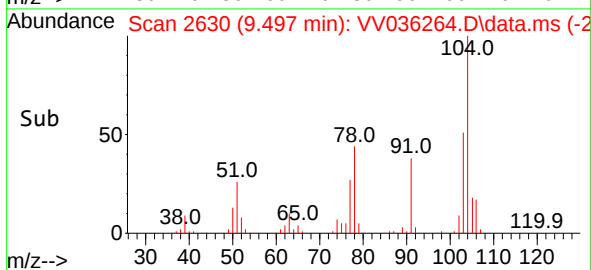
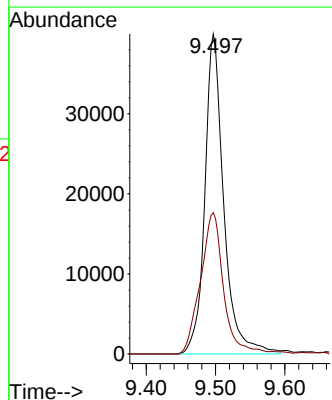
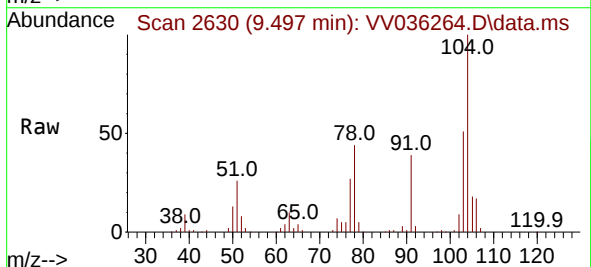
Manual Integrations
APPROVED

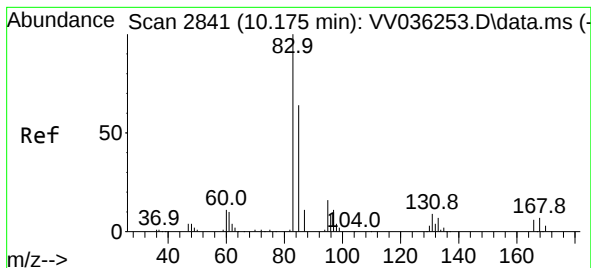
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024



#55
Styrene
Concen: 8.063 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.003 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

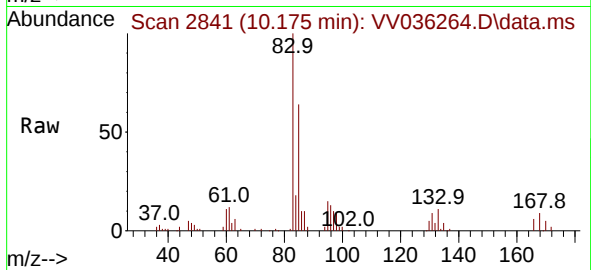
Tgt Ion:104 Resp: 75686
Ion Ratio Lower Upper
104 100
78 44.1 31.4 58.2





#57
1,1,2,2-Tetrachloroethane
Concen: 19.191 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

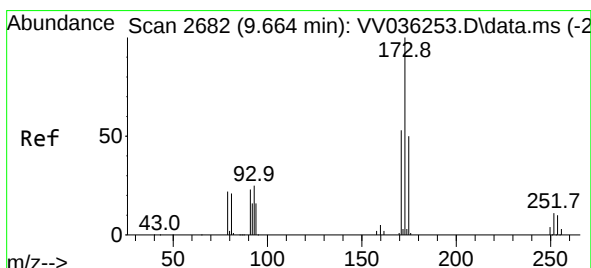
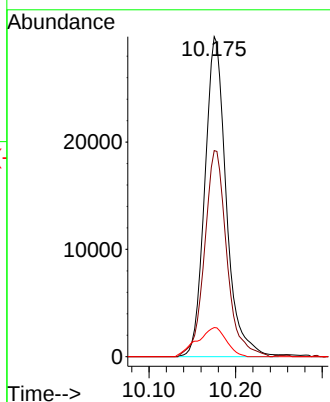
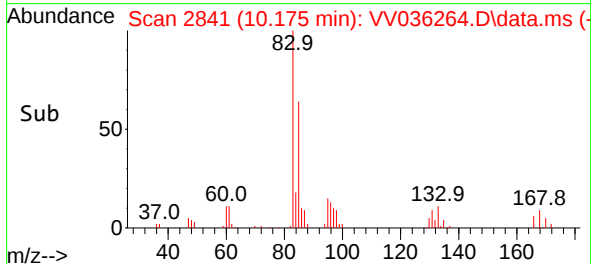
Instrument :
MSVOA_V
ClientSampleId :
A4CG2MSD



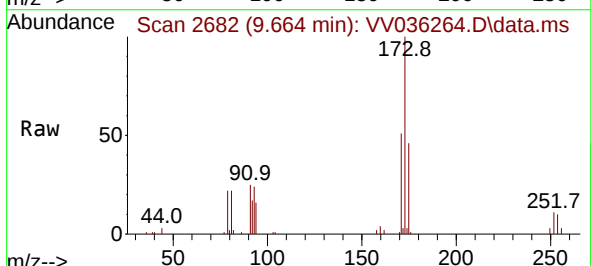
Tgt Ion: 83 Resp: 51300
Ion Ratio Lower Upper
83 100
85 64.4 45.1 83.7
131 9.1 7.6 11.4

Manual Integrations
APPROVED

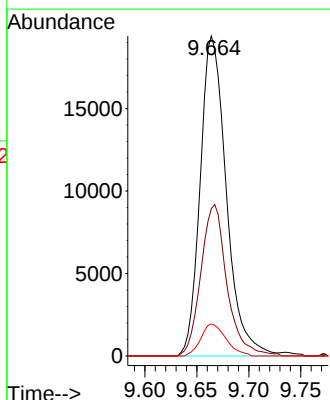
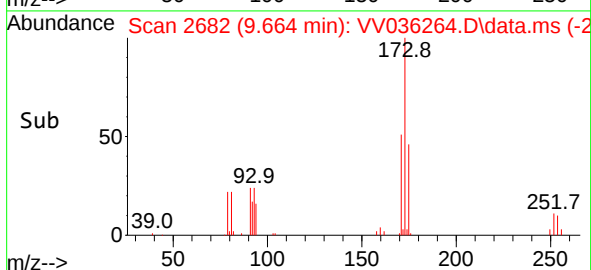
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024

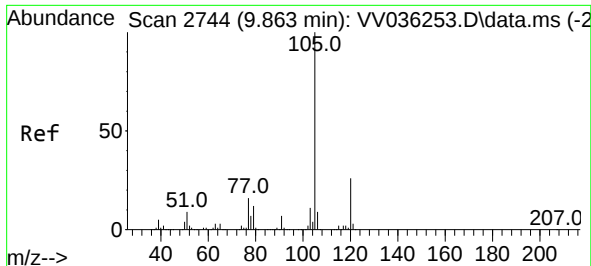


#59
Bromoform
Concen: 38.305 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.000 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41



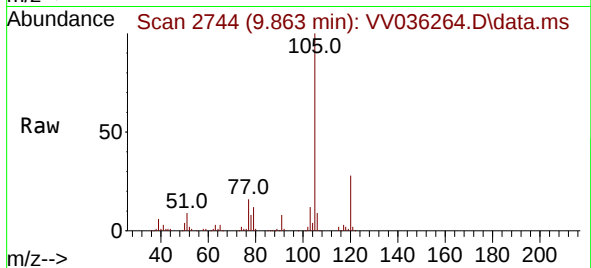
Tgt Ion:173 Resp: 33945
Ion Ratio Lower Upper
173 100
175 47.1 39.0 58.6
254 9.6 8.6 13.0





#60
Isopropylbenzene
Concen: 22.774 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

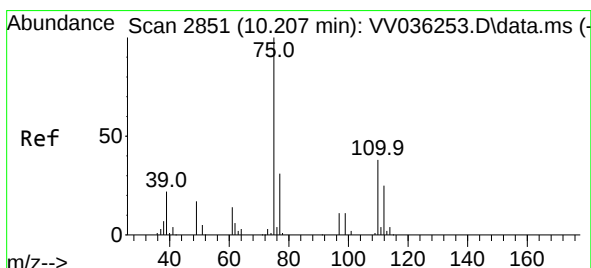
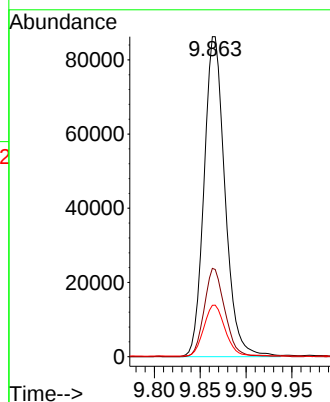
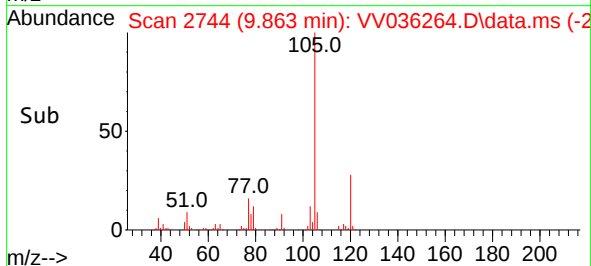
Instrument :
MSVOA_V
ClientSampleId :
A4CG2MSD



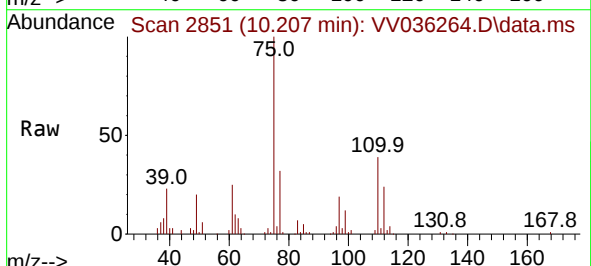
Tgt Ion:105 Resp: 13729
Ion Ratio Lower Upper
105 100
120 27.2 21.0 31.6
77 16.2 12.6 18.8

Manual Integrations
APPROVED

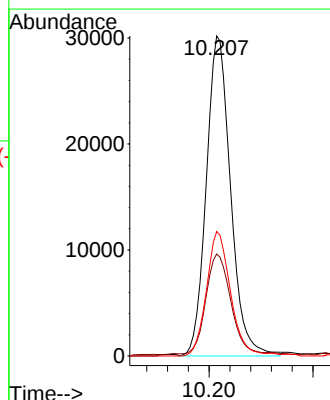
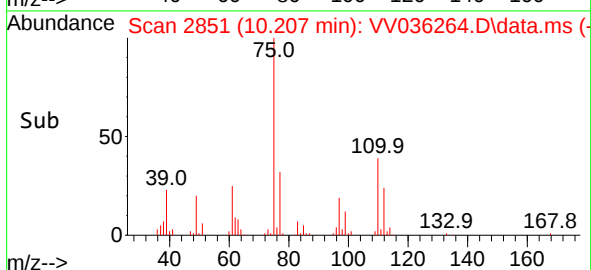
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024

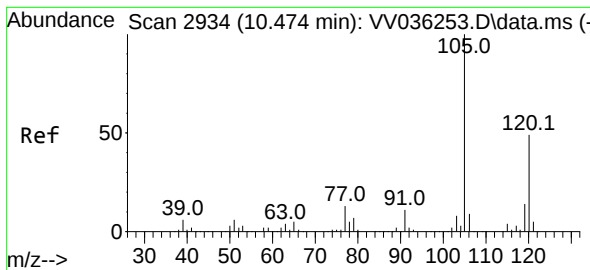


#61
1,2,3-Trichloropropane
Concen: 44.113 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41



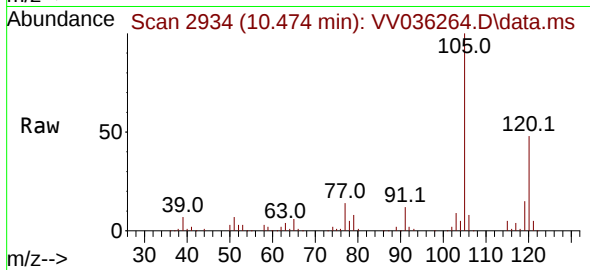
Tgt Ion: 75 Resp: 49025
Ion Ratio Lower Upper
75 100
77 31.5 26.0 39.0
110 38.2 32.2 48.4





#62
1,3,5-Trimethylbenzene
Concen: 15.795 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. 0.000 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

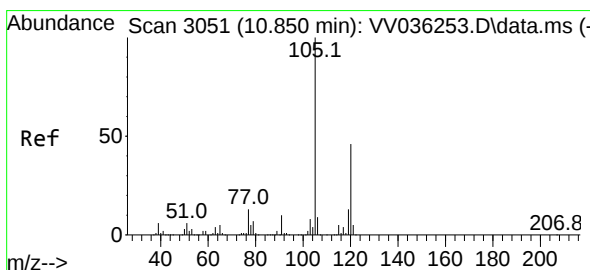
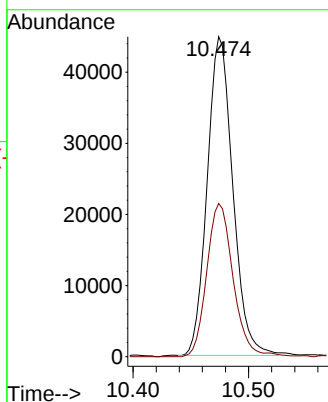
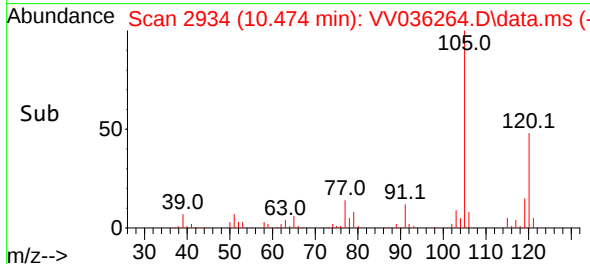
Instrument :
MSVOA_V
ClientSampleId :
A4CG2MSD



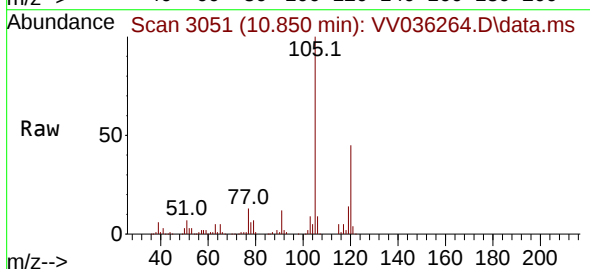
Tgt Ion:105 Resp: 69049
Ion Ratio Lower Upper
105 100
120 48.8 38.6 58.0

Manual Integrations
APPROVED

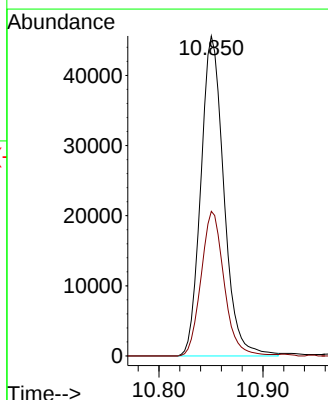
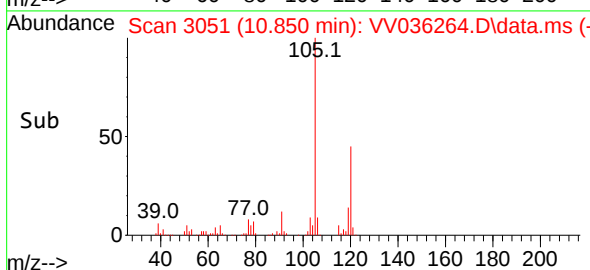
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024

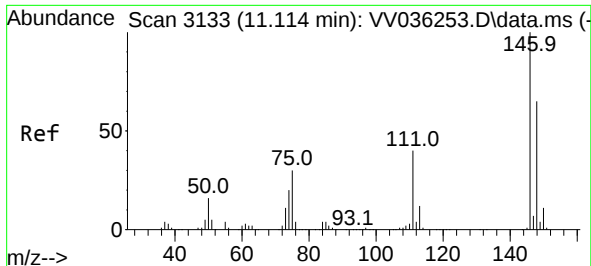


#63
1,2,4-Trimethylbenzene
Concen: 14.917 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. 0.000 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41



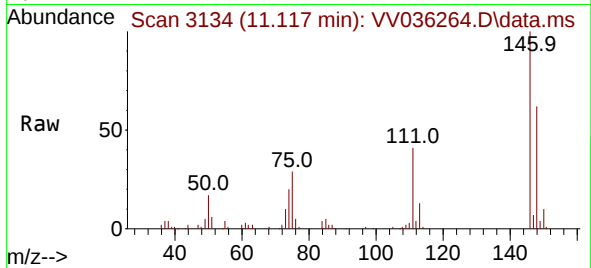
Tgt Ion:105 Resp: 70258
Ion Ratio Lower Upper
105 100
120 45.2 36.2 54.4





#64
1,3-Dichlorobenzene
Concen: 13.581 ug/L
RT: 11.117 min Scan# 3133
Delta R.T. 0.003 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

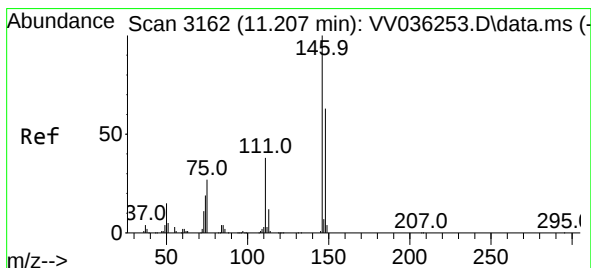
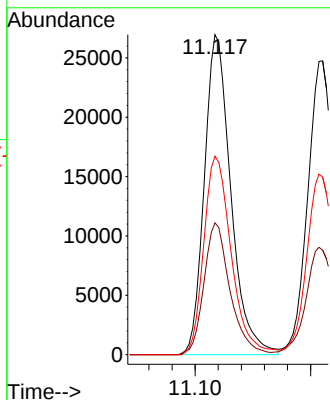
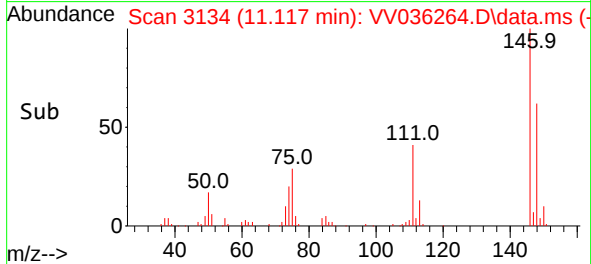
Instrument :
MSVOA_V
ClientSampleId :
A4CG2MSD



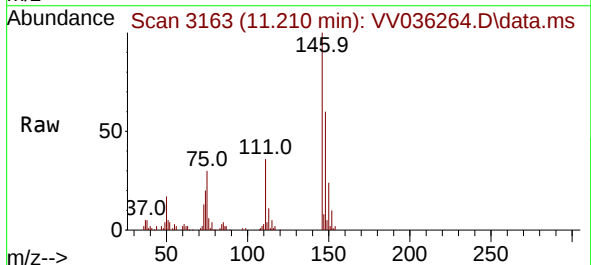
Tgt Ion:146 Resp: 42990
Ion Ratio Lower Upper
146 100
111 41.2 28.1 52.1
148 62.0 44.7 83.1

Manual Integrations
APPROVED

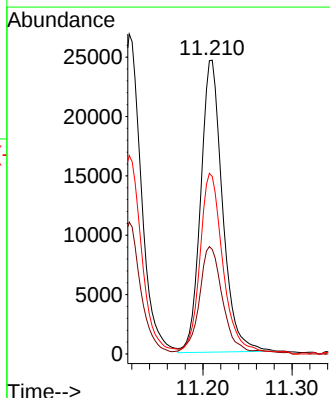
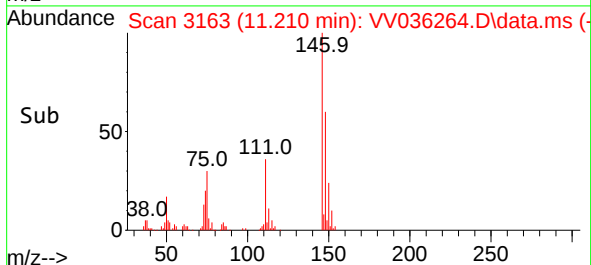
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024

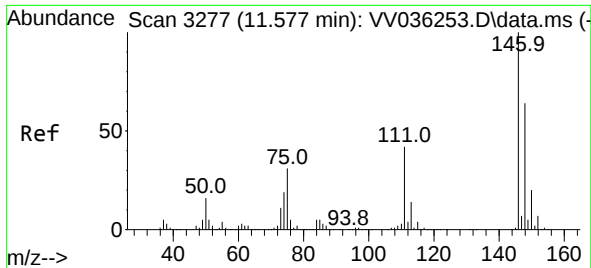


#65
1,4-Dichlorobenzene
Concen: 12.840 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41



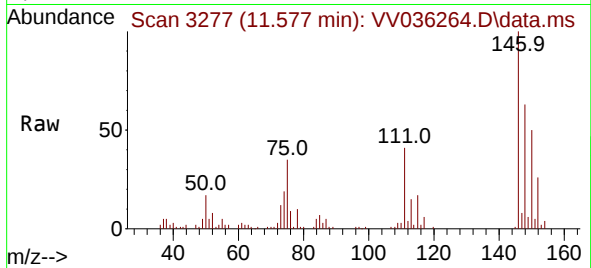
Tgt Ion:146 Resp: 41960
Ion Ratio Lower Upper
146 100
111 35.6 26.9 50.1
148 60.4 44.5 82.7





#67
1,2-Dichlorobenzene
Concen: 13.741 ug/L
RT: 11.577 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

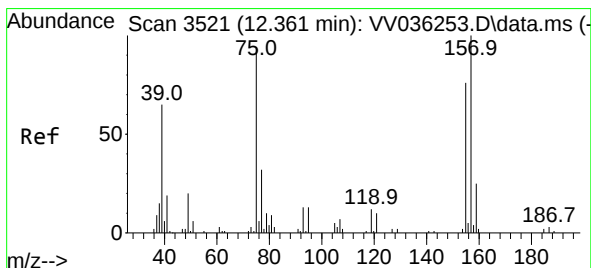
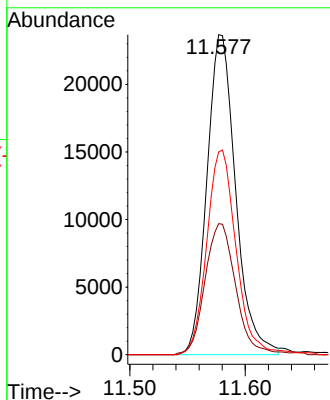
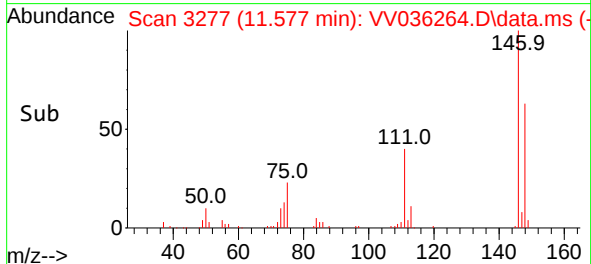
Instrument :
MSVOA_V
ClientSampleId :
A4CG2MSD



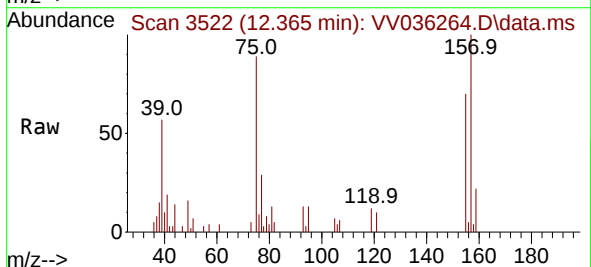
Tgt Ion:146 Resp: 40938
Ion Ratio Lower Upper
146 100
111 40.9 33.5 50.3
148 63.4 50.9 76.3

Manual Integrations
APPROVED

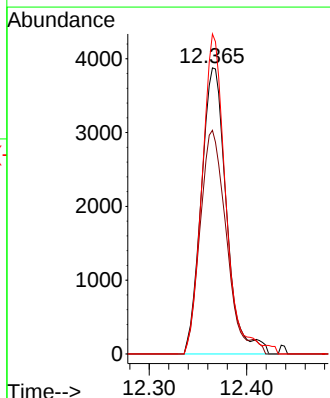
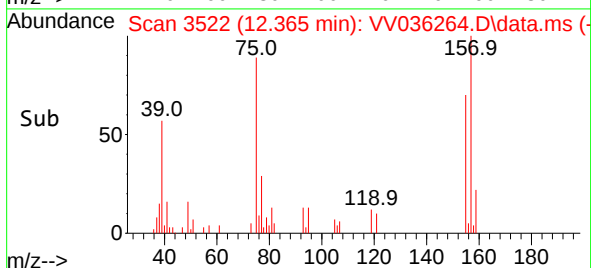
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024

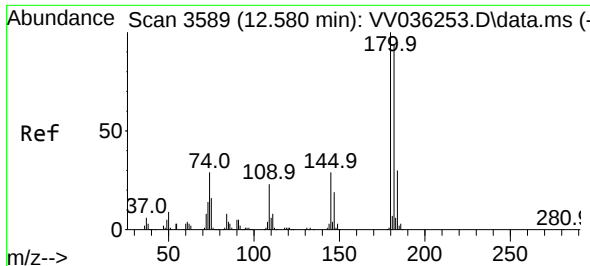


#68
1,2-Dibromo-3-chloropropane
Concen: 27.950 ug/L
RT: 12.365 min Scan# 3522
Delta R.T. 0.003 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41



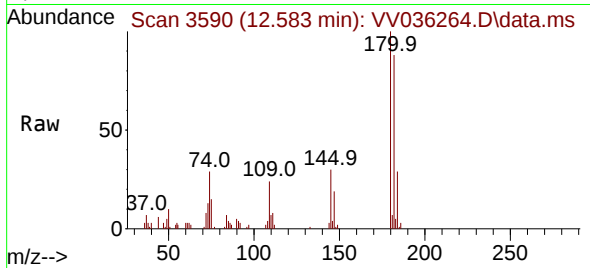
Tgt Ion: 75 Resp: 6946
Ion Ratio Lower Upper
75 100
155 78.2 63.3 94.9
157 111.8 82.4 123.6





#69
1,3,5-Trichlorobenzene
Concen: 6.488 ug/L
RT: 12.583 min Scan# 3589
Delta R.T. 0.003 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

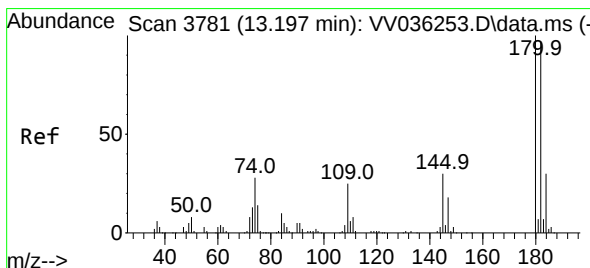
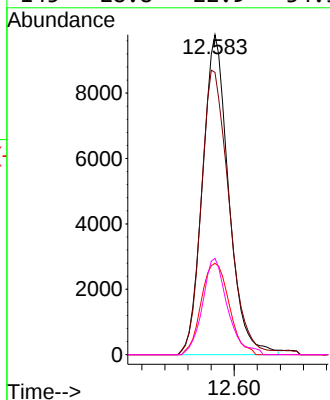
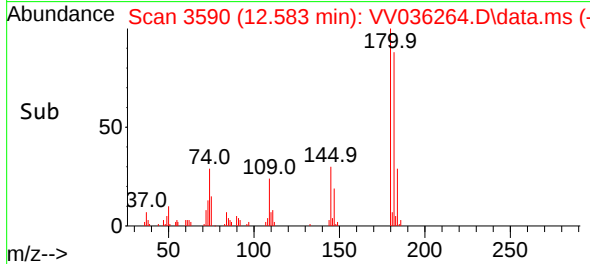
Instrument :
MSVOA_V
ClientSampleId :
A4CG2MSD



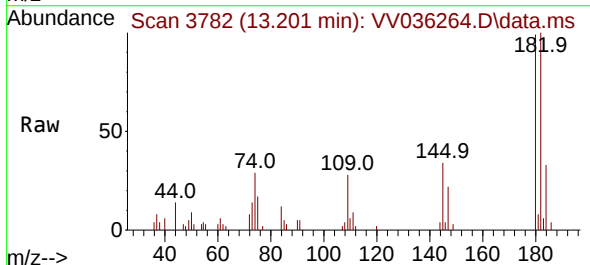
Tgt Ion:180 Resp: 1536
Ion Ratio Lower Upper
180 100
182 94.9 76.2 114.4
184 30.5 24.2 36.2
145 28.8 22.9 34.3

Manual Integrations
APPROVED

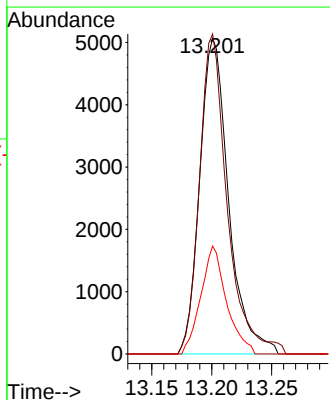
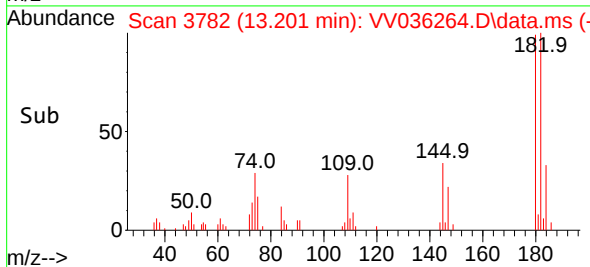
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024

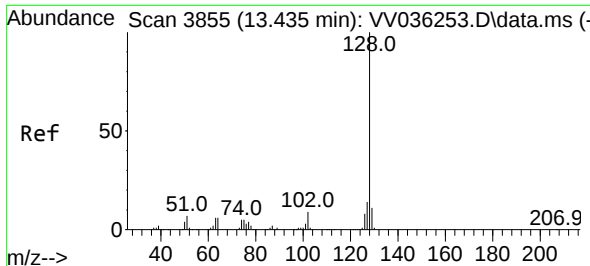


#70
1,2,4-trichlorobenzene
Concen: 4.553 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. 0.003 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41



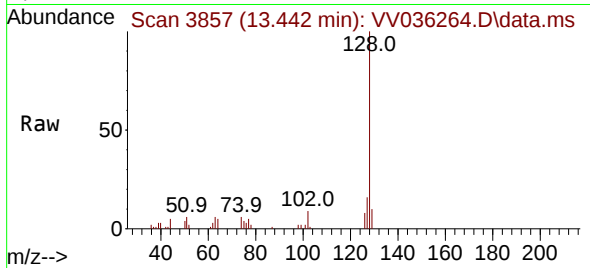
Tgt Ion:180 Resp: 8489
Ion Ratio Lower Upper
180 100
182 95.5 76.1 114.1
145 30.4 23.5 35.3





#71
Naphthalene
Concen: 6.273 ug/L
RT: 13.442 min Scan# 3855
Delta R.T. 0.007 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

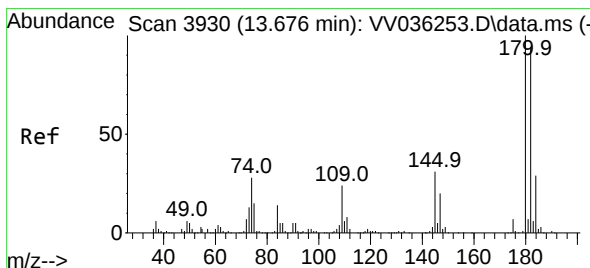
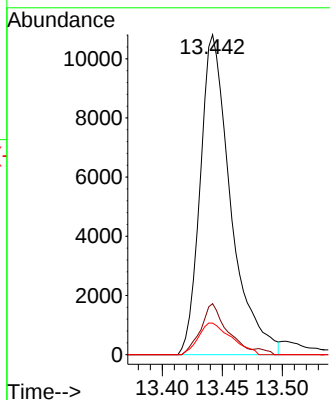
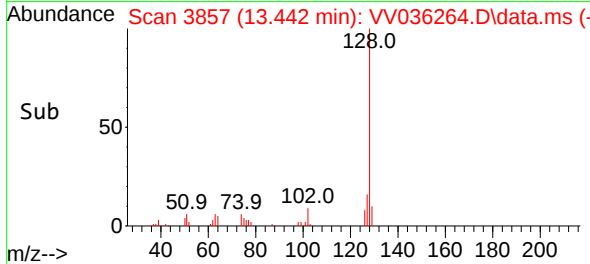
Instrument :
MSVOA_V
ClientSampleId :
A4CG2MSD



Tgt Ion:128 Resp: 19090
Ion Ratio Lower Upper
128 100
127 13.7 10.6 16.0
129 10.6 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024



#72
1,2,3-Trichlorobenzene
Concen: 3.928 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.007 min
Lab File: VV036264.D
Acq: 24 Jun 2024 23:41

Tgt Ion:180 Resp: 6684
Ion Ratio Lower Upper
180 100
182 100.6 75.1 112.7
145 31.4 25.2 37.8

