

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062124\
 Data File : VW036230.D
 Acq On : 22 Jun 2024 01:18
 Operator : SY/MD
 Sample : P2987-17MS
 Misc : 5.13g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0TA5MS

Manual Integrations
 APPROVED

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

Quant Time: Jun 22 03:03:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 22 02:57:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	601826	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	611309	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	330500	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	170974	15.452	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.800%
7) Chloroethane-d5	1.526	69	151302	17.150	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.600%
11) 1,1-Dichloroethene-d2	2.050	65	73745	14.972	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.880%
21) 2-Butanone-d5	3.844	46	63158	24.879	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.760%
24) Chloroform-d	4.239	84	340652	17.804	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.200%
26) 1,2-Dichloroethane-d4	4.937	65	179001	17.843	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.360%
32) Benzene-d6	4.953	84	665605	18.317	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.280%
36) 1,2-Dichloropropane-d6	5.985	67	203769	17.807	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	71.240%
41) Toluene-d8	7.239	98	602395	18.788	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.160%
43) trans-1,3-Dichloroprop...	7.551	79	75285	16.046	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.200%
47) 2-Hexanone-d5	8.030	63	46802	30.187	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.380%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	151332	17.697	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	70.800%
66) 1,2-Dichlorobenzene-d4	11.557	152	220795	18.218	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.880%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	100418	9.254	ug/L	100
3) Chloromethane	1.211	50	129750	10.419	ug/L	99
5) Vinyl chloride	1.275	62	144853	11.049	ug/L	100
6) Bromomethane	1.481	94	100499	12.356	ug/L	100
8) Chloroethane	1.542	64	97334	11.944	ug/L	98
9) Trichlorofluoromethane	1.706	101	188961	11.606	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	117459	11.367	ug/L	98
12) 1,1-Dichloroethene	2.059	96	115939	12.030	ug/L	84
13) Acetone	2.156	43	42073	10.639	ug/L	99
14) Carbon disulfide	2.233	76	366540	10.952	ug/L	99
15) Methyl Acetate	2.387	43	45329	9.222	ug/L	93
16) Methylene chloride	2.439	84	182636	13.411	ug/L	98
17) trans-1,2-Dichloroethene	2.686	96	122067	11.924	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	296998	12.923	ug/L	98
19) 1,1-Dichloroethane	3.104	63	244788	12.556	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	170261	16.551	ug/L	96
22) 2-Butanone	3.924	43	58903m	17.555	ug/L	
23) Bromochloromethane	4.140	128	68322	13.241	ug/L	97
25) Chloroform	4.268	83	264579	13.193	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	166945	13.334	ug/L	100
29) Cyclohexane	4.577	56	144092	9.900	ug/L	97
30) 1,1,1-Trichloroethane	4.506	97	200129	11.975	ug/L	99
31) Carbon tetrachloride	4.728	117	169363	11.552	ug/L	100
33) Benzene	5.005	78	534709	13.374	ug/L	100
34) Trichloroethene	5.828	95	146621	11.965	ug/L	99
35) Methylcyclohexane	6.046	83	179655	10.602	ug/L	98
37) 1,2-Dichloropropane	6.088	63	141260	13.456	ug/L	98
38) Bromodichloromethane	6.429	83	191409	13.775	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	196804	12.534	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	123876	21.718	ug/L	98
42) Toluene	7.313	91	586442	14.355	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	169961	12.531	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	112457	12.946	ug/L	99
46) Tetrachloroethene	7.902	164	109042	12.167	ug/L	99
48) 2-Hexanone	8.082	43	82624	18.529	ug/L	97
49) Dibromochloromethane	8.175	129	127300	13.390	ug/L	100
50) 1,2-Dibromoethane	8.281	107	106655	12.796	ug/L	99
51) Chlorobenzene	8.812	112	366018	13.149	ug/L	99
52) Ethylbenzene	8.943	91	671561	15.364	ug/L	100
53) m,p-Xylene	9.069	106	242202	14.747	ug/L	99
54) o-Xylene	9.477	106	237299	15.321	ug/L	96
55) Styrene	9.493	104	394800	14.455	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	107203	13.783	ug/L	99
59) Bromoform	9.664	173	80356	12.892	ug/L	98
60) Isopropylbenzene	9.863	105	539593	12.726	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	94515	12.092	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	400664	13.031	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	484269	14.618	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	288990	12.978	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	304907	13.266	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	283733	13.541	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	20402	11.672	ug/L	99
69) 1,3,5-Trichlorobenzene	12.580	180	196441	11.794	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	154721	11.797	ug/L	99
71) Naphthalene	13.435	128	700393	32.724	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	154183	12.883	ug/L	99

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

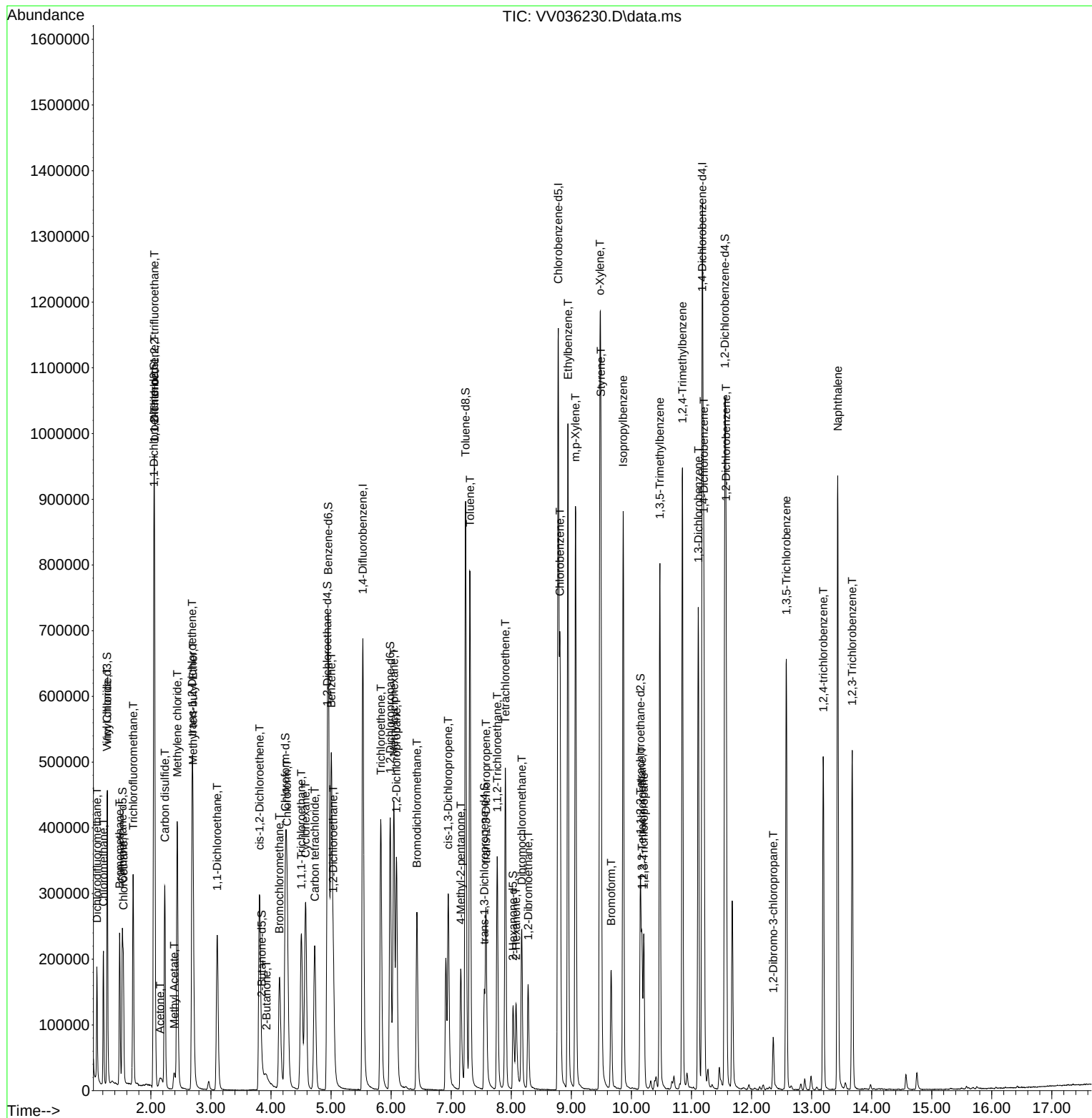
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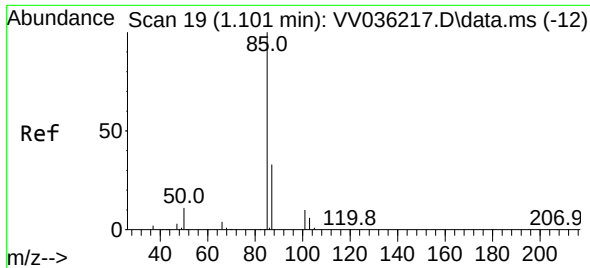
Instrument :
 MSVOA_V
 ClientSampleId :
 COTA5MS

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 Supervised By :Semsettin Yesilyurt 06/26/2024

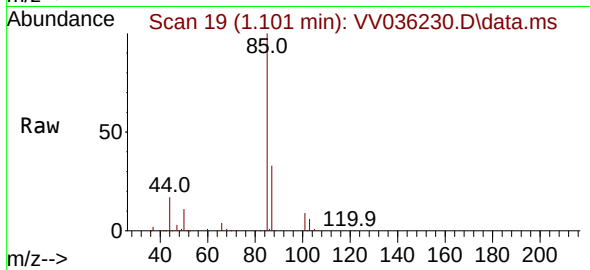
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#2
Dichlorodifluoromethane
Concen: 9.254 ug/L
RT: 1.101 min Scan# 19
Delta R.T. 0.000 min
Lab File: VV036230.D
Acq: 22 Jun 2024 01:18

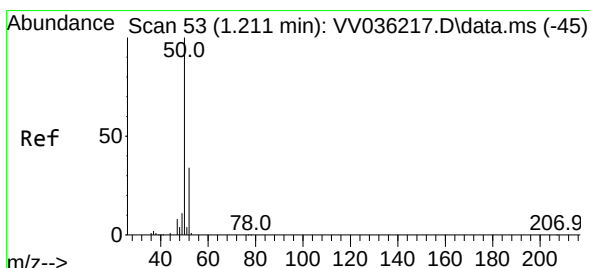
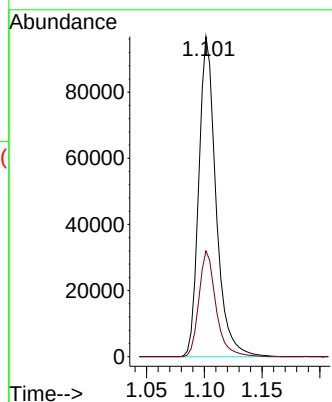
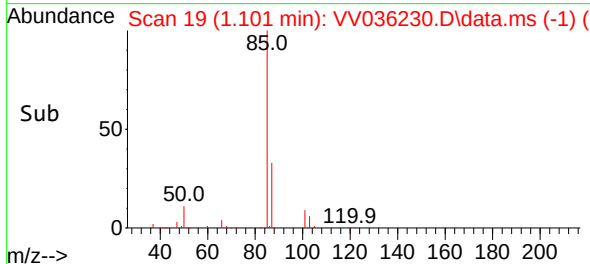
Instrument :
MSVOA_V
ClientSampleId :
C0TA5MS



Tgt Ion: 85 Resp: 100418
Ion Ratio Lower Upper
85 100
87 32.6 25.9 38.9

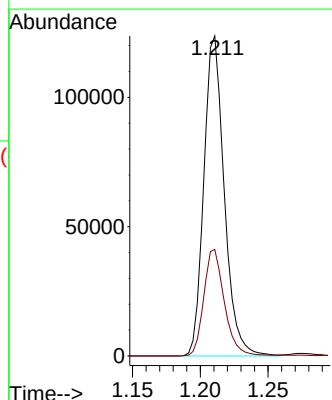
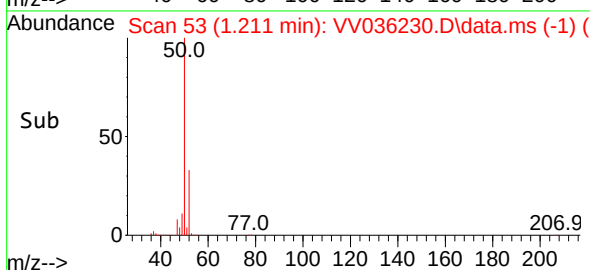
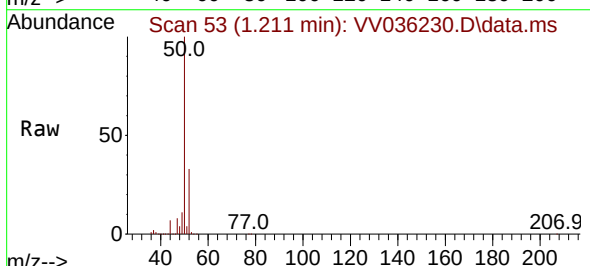
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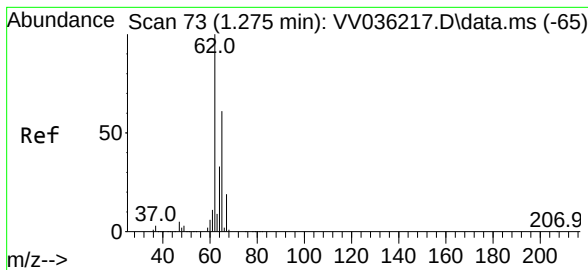
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024



#3
Chloromethane
Concen: 10.419 ug/L
RT: 1.211 min Scan# 53
Delta R.T. 0.000 min
Lab File: VV036230.D
Acq: 22 Jun 2024 01:18

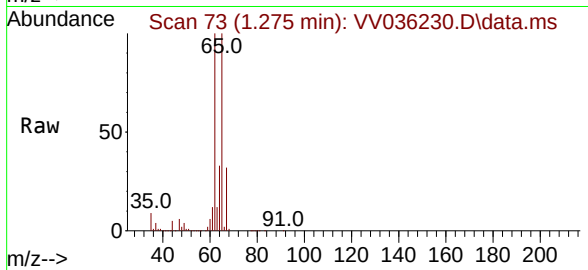
Tgt Ion: 50 Resp: 129750
Ion Ratio Lower Upper
50 100
52 33.3 22.8 42.4





#5
 Vinyl chloride
 Concen: 11.049 ug/L
 RT: 1.275 min Scan# 73
 Delta R.T. 0.000 min
 Lab File: VV036230.D
 Acq: 22 Jun 2024 01:18

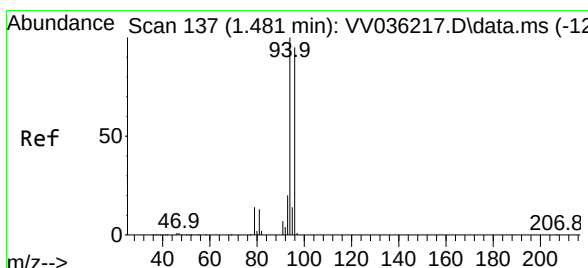
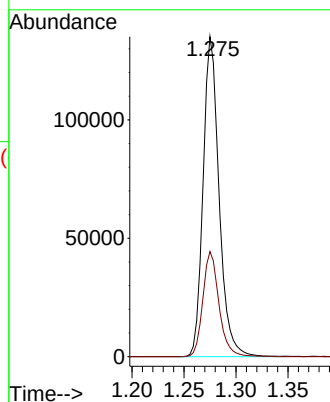
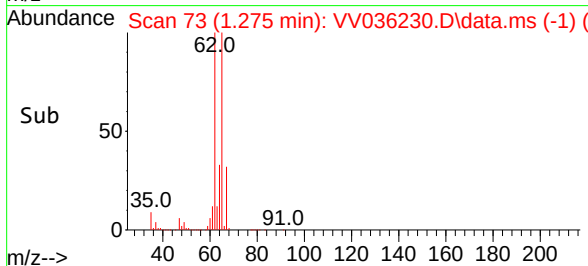
Instrument :
 MSVOA_V
 ClientSampleId :
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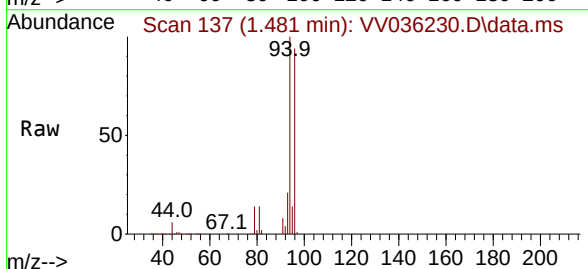
Tgt Ion: 62 Resp: 14485
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.9 42.5

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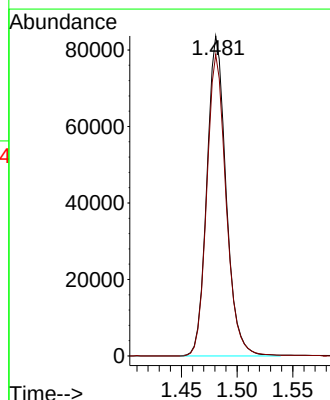
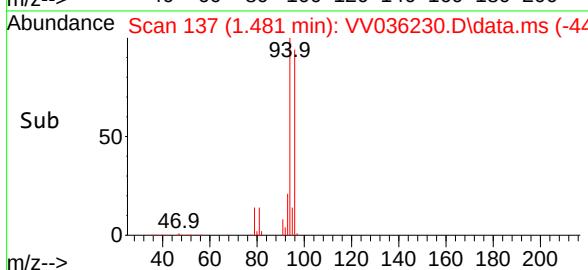
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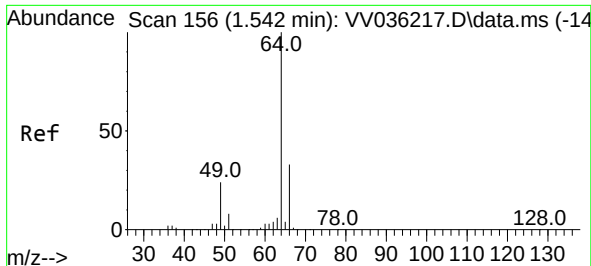


#6
 Bromomethane
 Concen: 12.356 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. 0.000 min
 Lab File: VV036230.D
 Acq: 22 Jun 2024 01:18



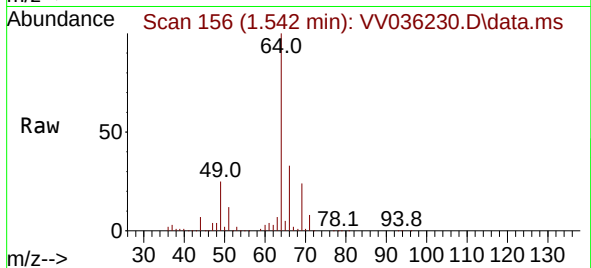
Tgt Ion: 94 Resp: 100499
 Ion Ratio Lower Upper
 94 100
 96 94.2 65.7 122.1





#8
Chloroethane
Concen: 11.944 ug/L
RT: 1.542 min Scan# 156
Delta R.T. 0.000 min
Lab File: VV036230.D
Acq: 22 Jun 2024 01:18

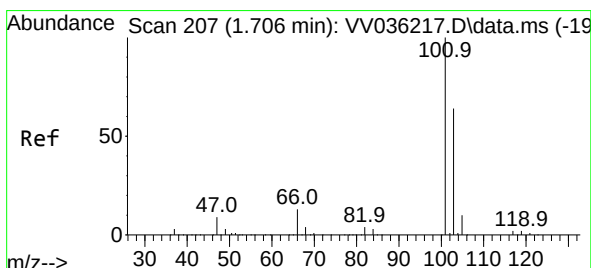
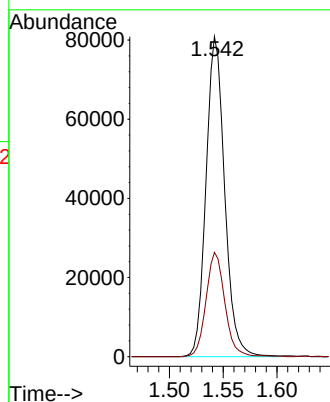
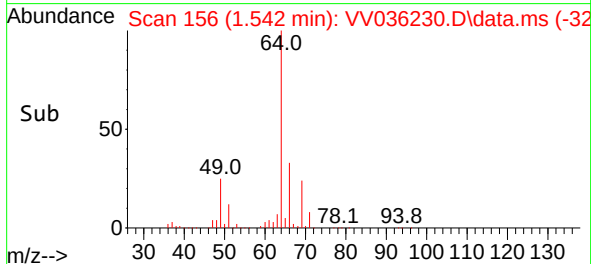
Instrument :
MSVOA_V
ClientSampleId :
C0TA5MS



Tgt Ion: 64 Resp: 97334
Ion Ratio Lower Upper
64 100
66 32.6 22.0 41.0

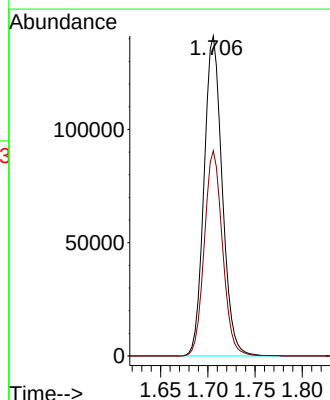
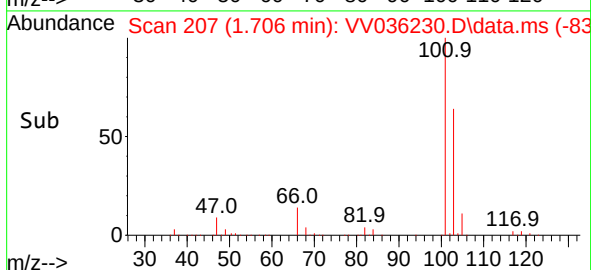
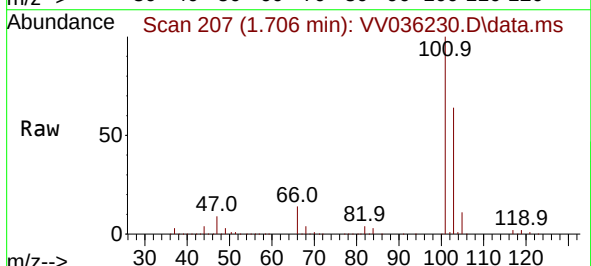
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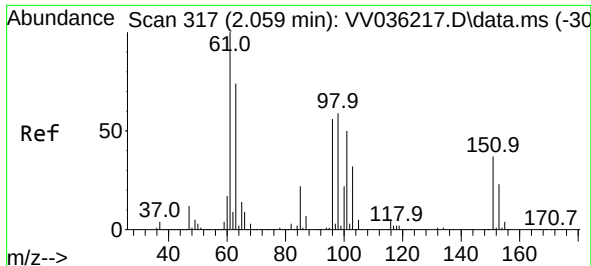
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024



#9
Trichlorofluoromethane
Concen: 11.606 ug/L
RT: 1.706 min Scan# 207
Delta R.T. 0.000 min
Lab File: VV036230.D
Acq: 22 Jun 2024 01:18

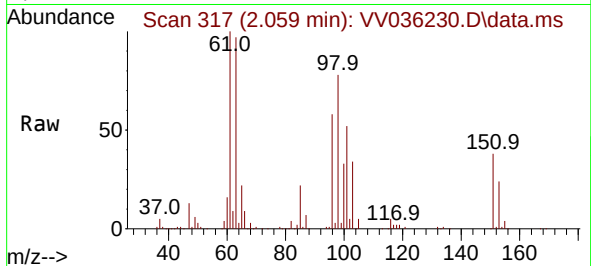
Tgt Ion:101 Resp: 188961
Ion Ratio Lower Upper
101 100
103 64.1 51.8 77.8





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 11.367 ug/L
RT: 2.059 min Scan# 317
Delta R.T. 0.000 min
Lab File: VV036230.D
Acq: 22 Jun 2024 01:18

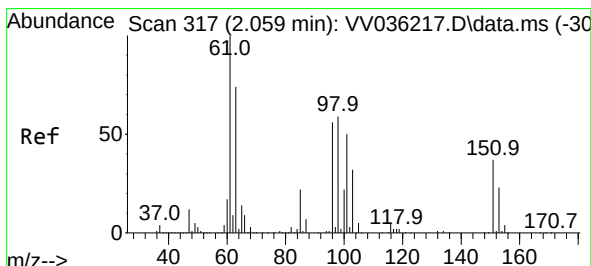
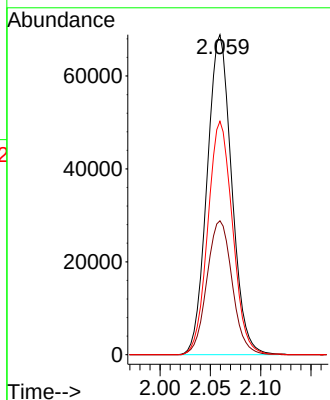
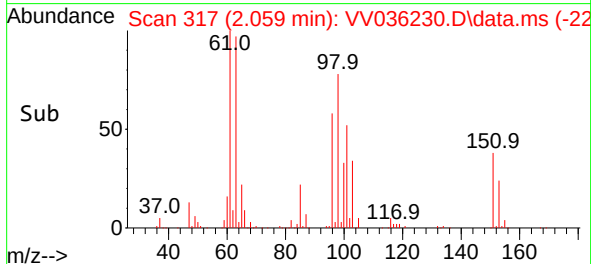
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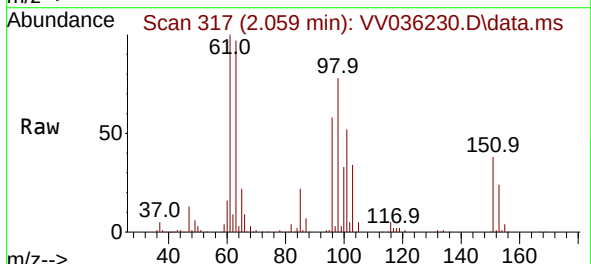
Tgt Ion:101 Resp: 117459
Ion Ratio Lower Upper
101 100
85 42.9 34.5 51.7
151 73.3 56.3 84.5

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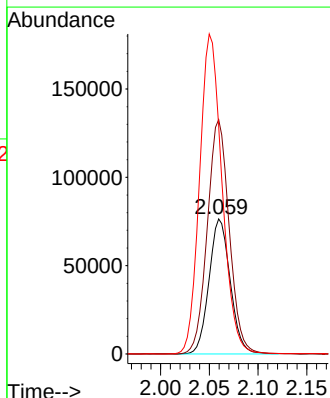
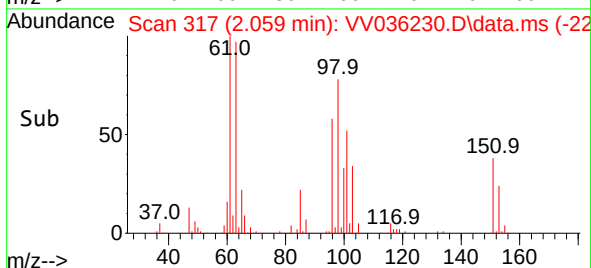
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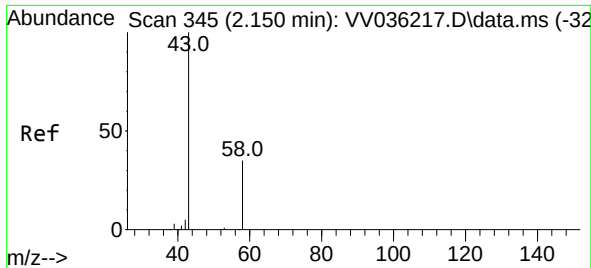


#12
1,1-Dichloroethene
Concen: 12.030 ug/L
RT: 2.059 min Scan# 317
Delta R.T. 0.000 min
Lab File: VV036230.D
Acq: 22 Jun 2024 01:18



Tgt Ion: 96 Resp: 115939
Ion Ratio Lower Upper
96 100
61 173.5 127.3 236.3
63 168.5 93.7 173.9





#13

Acetone

Concen: 10.639 ug/L

RT: 2.156 min Scan# 345

Delta R.T. 0.006 min

Lab File: VV036230.D

Acq: 22 Jun 2024 01:18

Instrument :

MSVOA_V

ClientSampleId :

C0TA5MS

Tgt Ion: 43 Resp: 4207

Ion Ratio Lower Upper

43 100

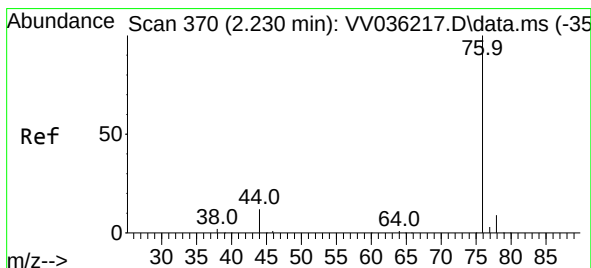
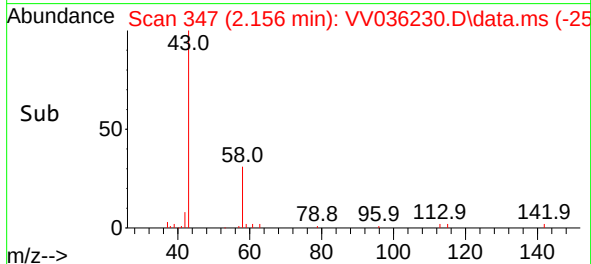
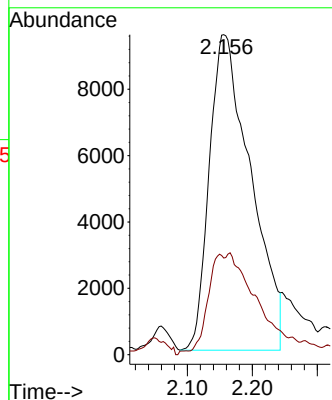
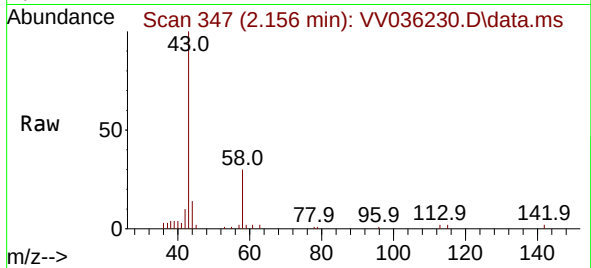
58 11.6 0.0 24.2

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#14

Carbon disulfide

Concen: 10.952 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.003 min

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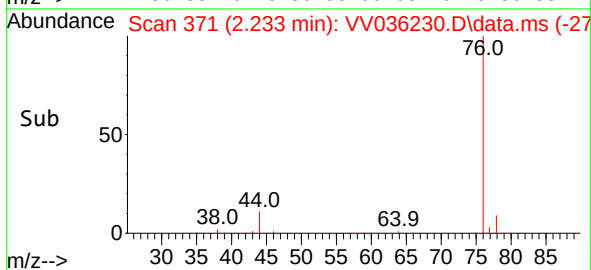
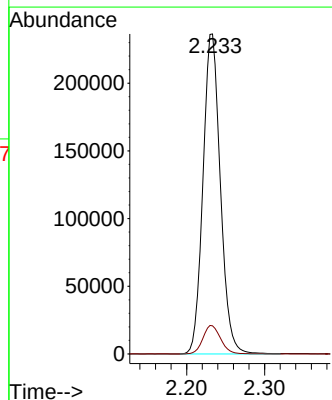
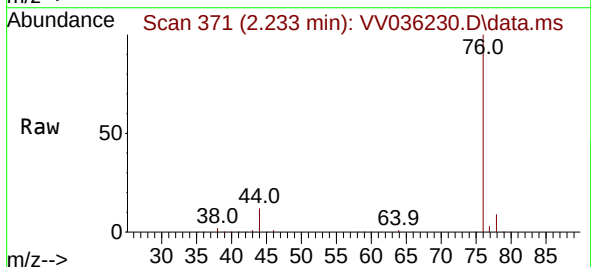
Acq: 22 Jun 2024 01:18

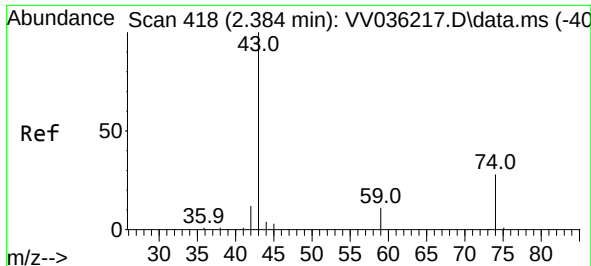
Tgt Ion: 76 Resp: 366540

Ion Ratio Lower Upper

76 100

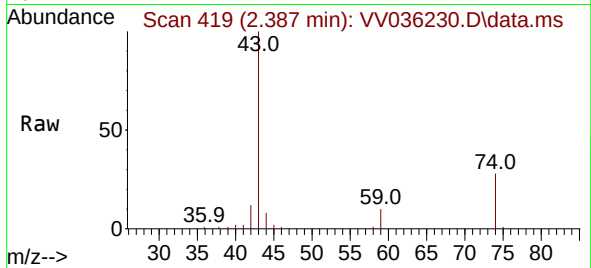
78 8.8 7.4 11.2





#15
Methyl Acetate
Concen: 9.222 ug/L
RT: 2.387 min Scan# 418
Delta R.T. 0.003 min
Lab File: VV036230.D
Acq: 22 Jun 2024 01:18

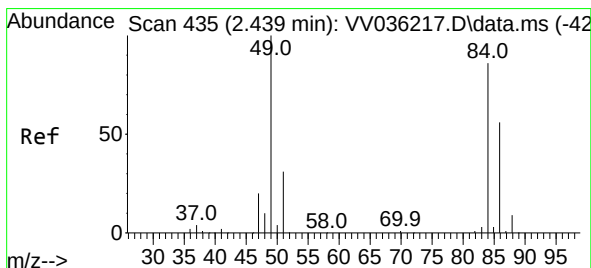
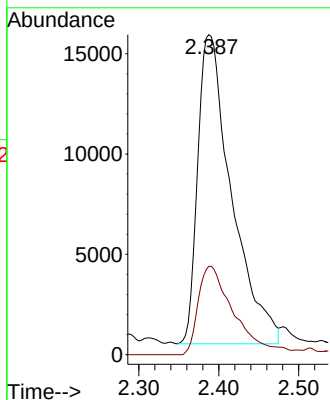
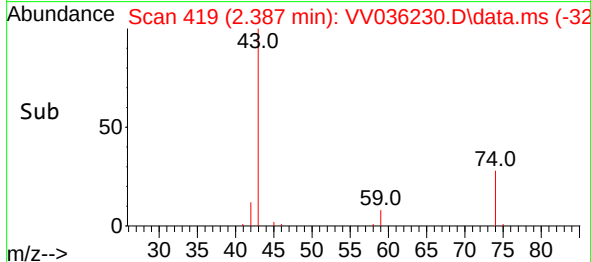
Instrument :
MSVOA_V
ClientSampleId :
C0TA5MS



Tgt Ion: 43 Resp: 45329
Ion Ratio Lower Upper
43 100
74 30.3 21.4 32.2

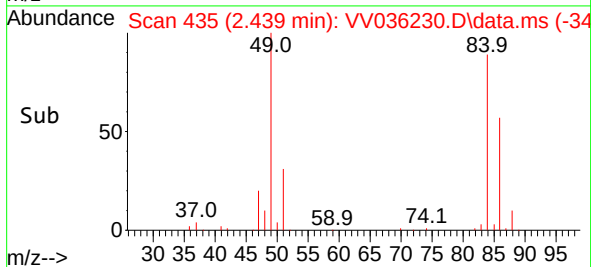
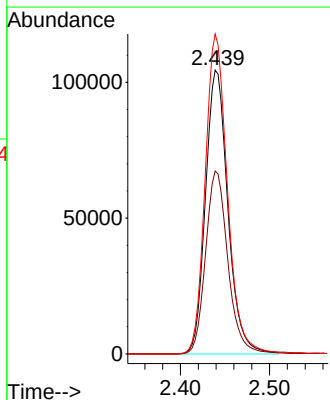
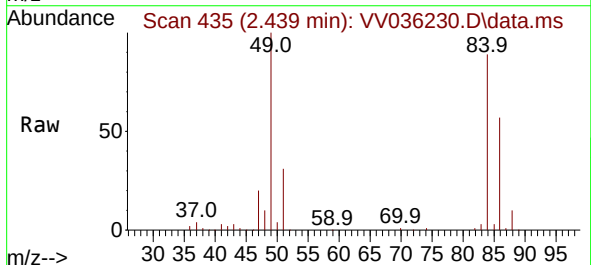
Manual Integrations
APPROVED

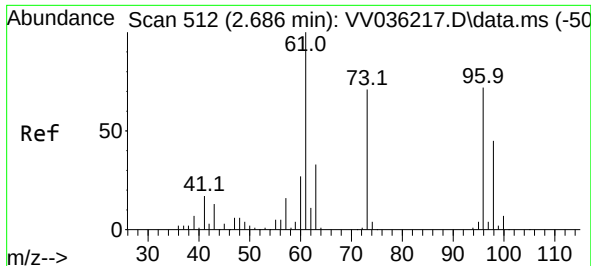
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024



#16
Methylene chloride
Concen: 13.411 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV036230.D
Acq: 22 Jun 2024 01:18

Tgt Ion: 84 Resp: 182636
Ion Ratio Lower Upper
84 100
86 64.4 44.6 82.8
49 112.8 81.1 150.5





#17

trans-1,2-Dichloroethene

Concen: 11.924 ug/L

RT: 2.686 min Scan# 512

Delta R.T. 0.000 min

Lab File: VV036230.D

Acq: 22 Jun 2024 01:18

Instrument :

MSVOA_V

ClientSampleId :

C0TA5MS

Tgt Ion: 96 Resp: 12206

Ion Ratio Lower Upper

96 100

61 135.9 99.4 184.6

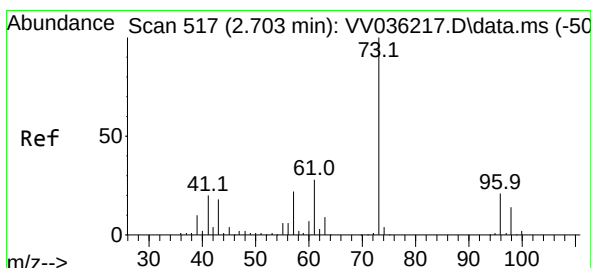
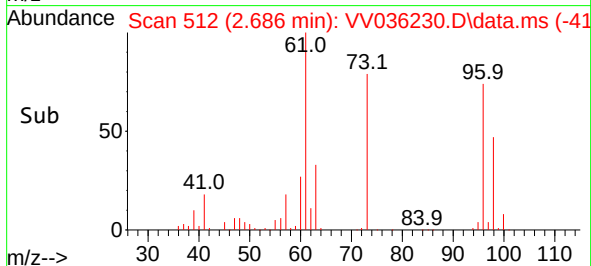
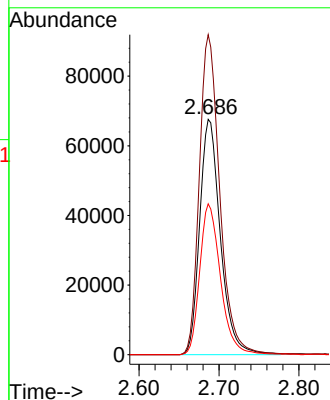
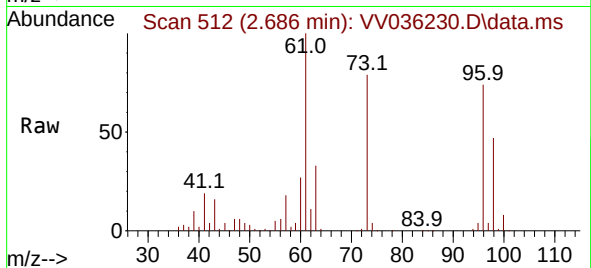
98 64.1 44.9 83.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2024

Supervised By :Semsettin Yesilyurt 06/26/2024



#18

Methyl tert-butyl Ether

Concen: 12.923 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.000 min

Lab File: VV036230.D

Acq: 22 Jun 2024 01:18

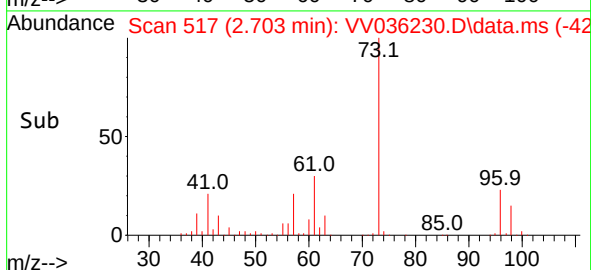
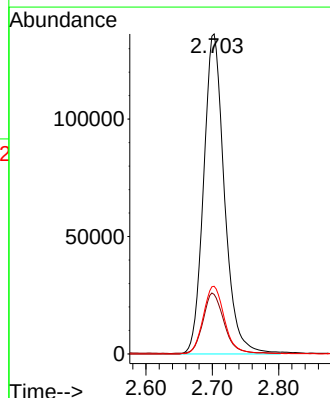
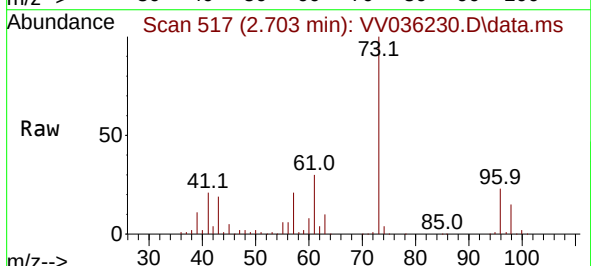
Tgt Ion: 73 Resp: 296998

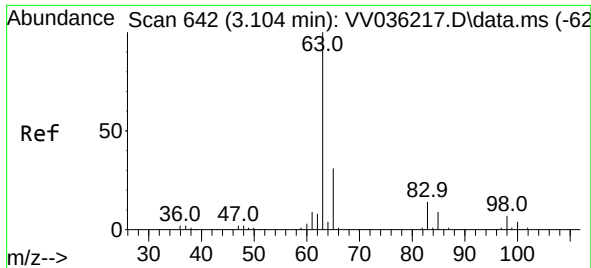
Ion Ratio Lower Upper

73 100

43 19.0 14.3 21.5

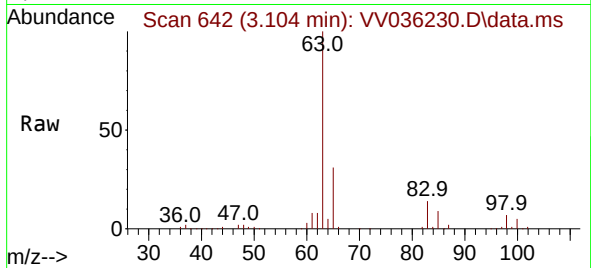
57 21.6 17.8 26.6





#19
1,1-Dichloroethane
Concen: 12.556 ug/L
RT: 3.104 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV036230.D
Acq: 22 Jun 2024 01:18

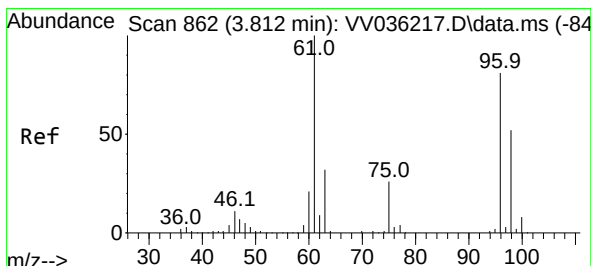
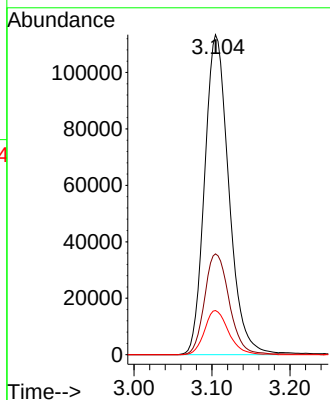
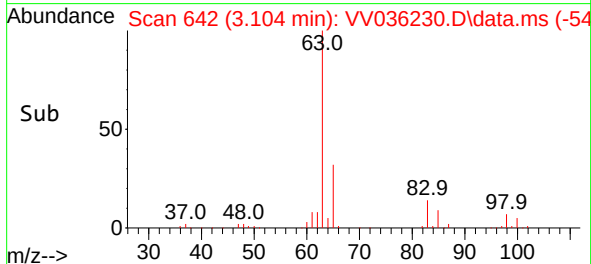
Instrument :
MSVOA_V
ClientSampleId :
C0TA5MS



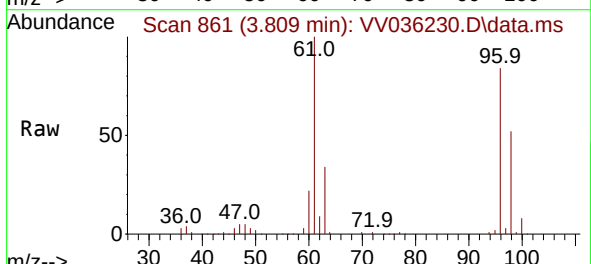
Tgt Ion: 63 Resp: 244788
Ion Ratio Lower Upper
63 100
65 31.5 22.4 41.6
83 13.8 9.2 17.0

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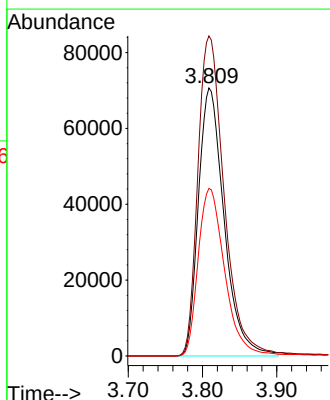
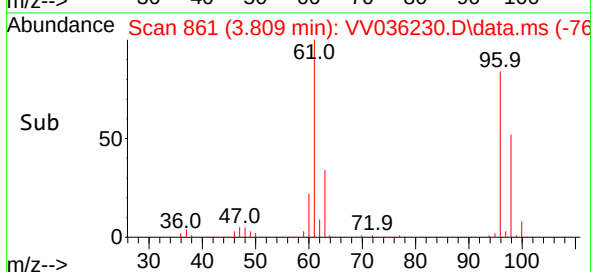
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024

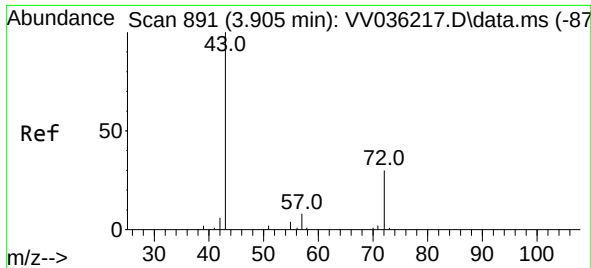


#20
cis-1,2-Dichloroethene
Concen: 16.551 ug/L
RT: 3.809 min Scan# 861
Delta R.T. -0.003 min
Lab File: VV036230.D
Acq: 22 Jun 2024 01:18



Tgt Ion: 96 Resp: 170261
Ion Ratio Lower Upper
96 100
61 119.4 87.9 163.3
98 62.5 44.4 82.5





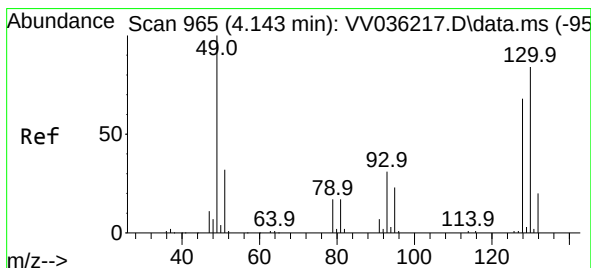
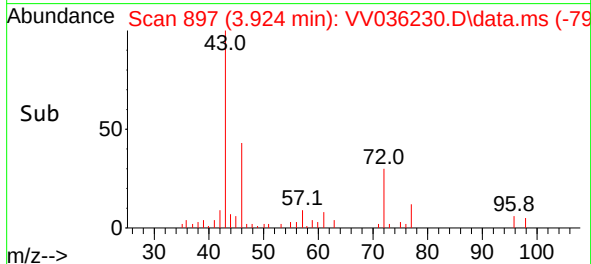
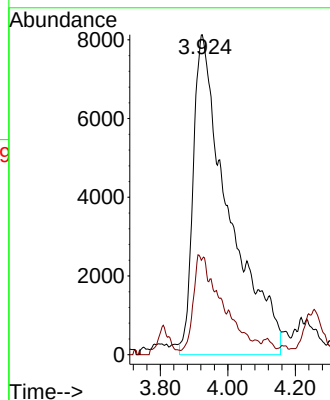
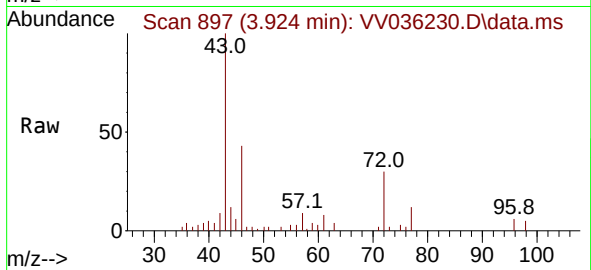
#22
2-Butanone
Concen: 17.555 ug/L m
RT: 3.924 min Scan# 891
Delta R.T. 0.019 min
Lab File: VV036230.D
Acq: 22 Jun 2024 01:18

Instrument :
MSVOA_V
ClientSampleId :
C0TA5MS

Tgt Ion: 43 Resp: 5890
Ion Ratio Lower Upper
43 100
72 6.8 8.2 24.4

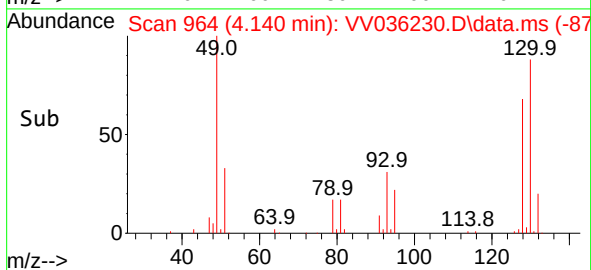
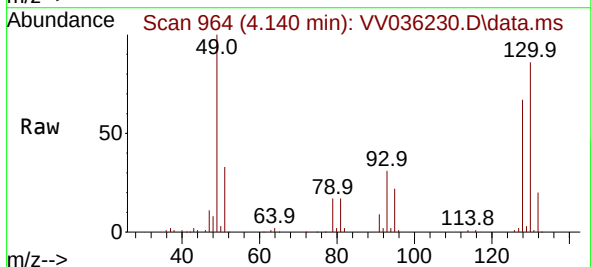
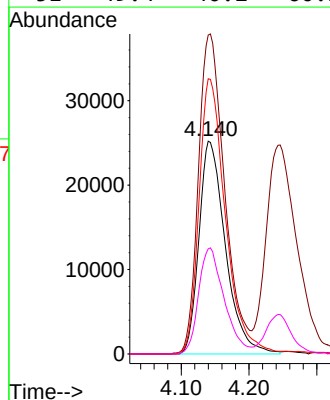
Manual Integrations
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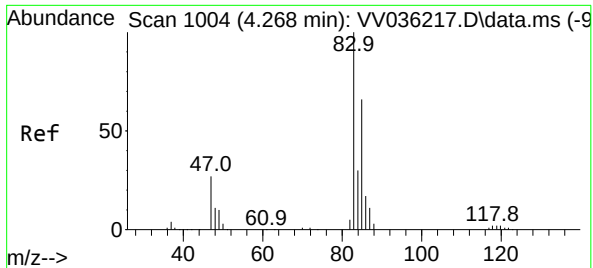
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024



#23
Bromochloromethane
Concen: 13.241 ug/L
RT: 4.140 min Scan# 964
Delta R.T. -0.003 min
Lab File: VV036230.D
Acq: 22 Jun 2024 01:18

Tgt Ion:128 Resp: 68322
Ion Ratio Lower Upper
128 100
49 149.8 110.2 204.6
130 129.3 90.2 167.4
51 49.4 40.2 60.2





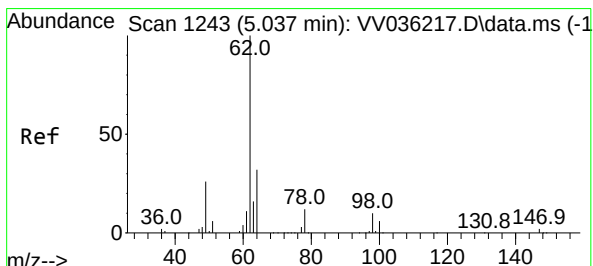
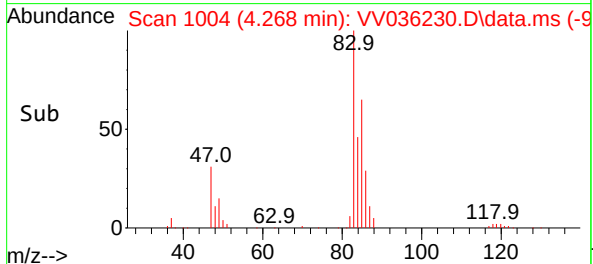
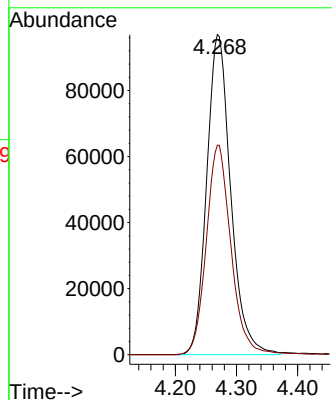
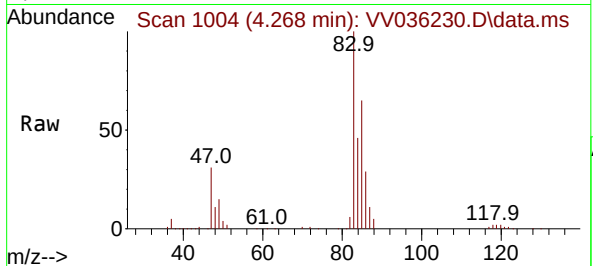
#25
Chloroform
Concen: 13.193 ug/L
RT: 4.268 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VV036230.D
Acq: 22 Jun 2024 01:18

Instrument :
MSVOA_V
ClientSampleId :
C0TA5MS

Tgt Ion: 83 Resp: 264579
Ion Ratio Lower Upper
83 100
85 65.5 45.2 84.0

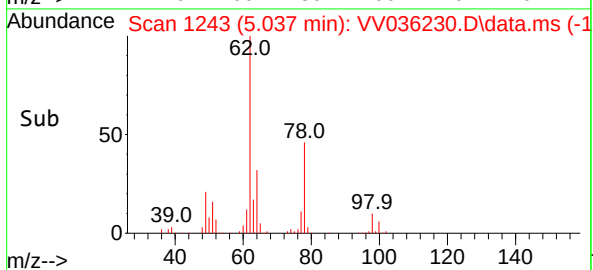
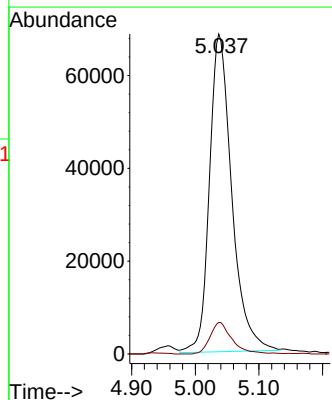
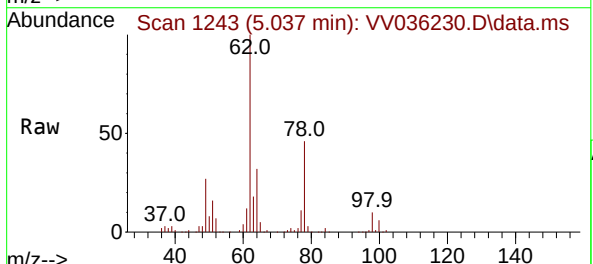
Manual Integrations
APPROVED

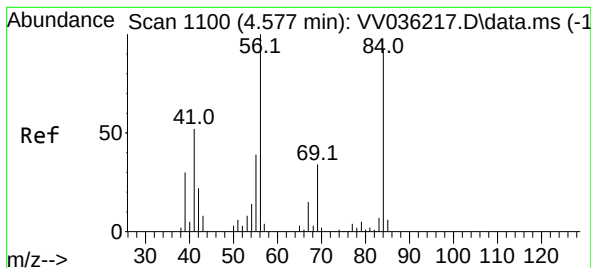
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024



#27
1,2-Dichloroethane
Concen: 13.334 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV036230.D
Acq: 22 Jun 2024 01:18

Tgt Ion: 62 Resp: 166945
Ion Ratio Lower Upper
62 100
98 9.8 7.8 11.6





#29

Cyclohexane

Concen: 9.900 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VV036230.D

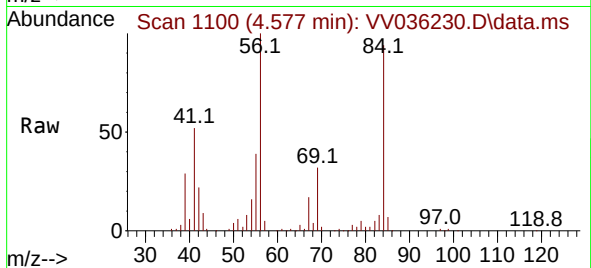
Acq: 22 Jun 2024 01:18

Instrument :

MSVOA_V

ClientSampleId :

C0TA5MS



Tgt Ion: 56 Resp: 144092

Ion Ratio Lower Upper

56 100

69 32.2 25.2 37.8

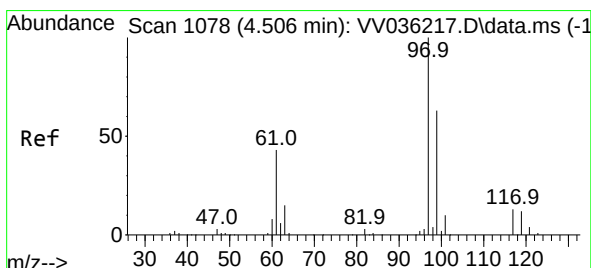
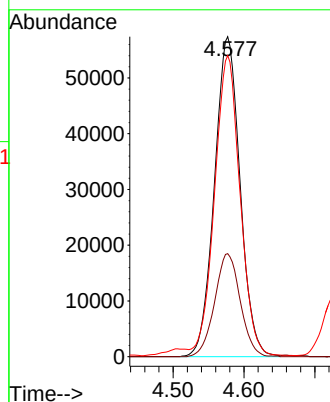
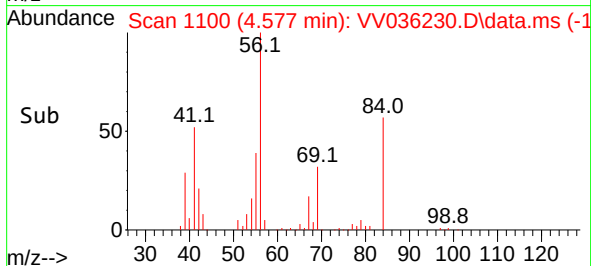
84 93.4 72.2 108.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2024

Supervised By :Semsettin Yesilyurt 06/26/2024



#30

1,1,1-Trichloroethane

Concen: 11.975 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VV036230.D

Acq: 22 Jun 2024 01:18

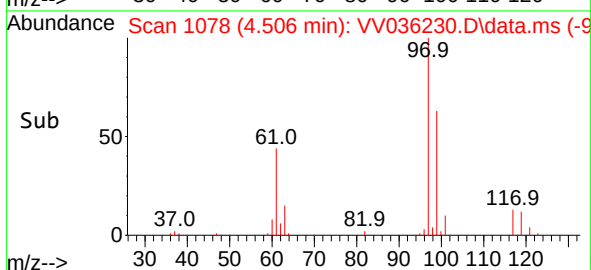
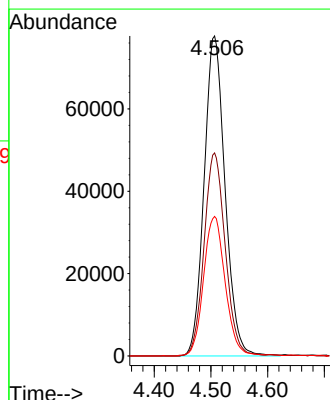
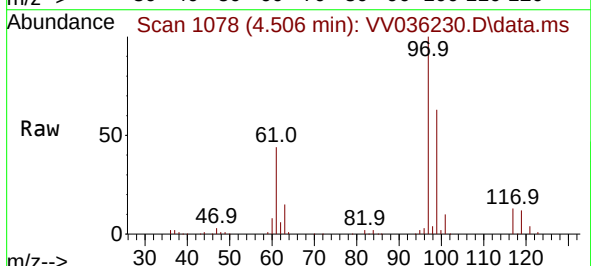
Tgt Ion: 97 Resp: 200129

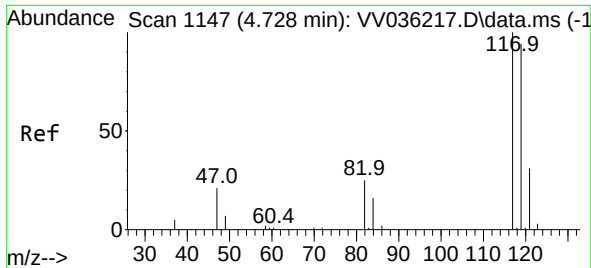
Ion Ratio Lower Upper

97 100

99 64.0 50.9 76.3

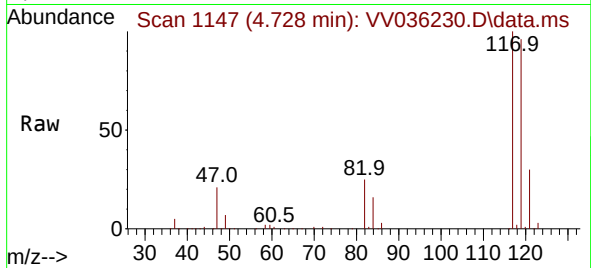
61 45.1 35.0 52.6





#31
Carbon tetrachloride
Concen: 11.552 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. 0.000 min
Lab File: VV036230.D
Acq: 22 Jun 2024 01:18

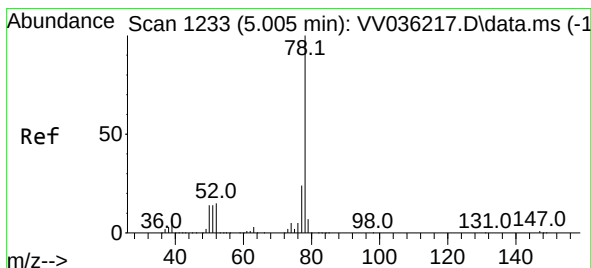
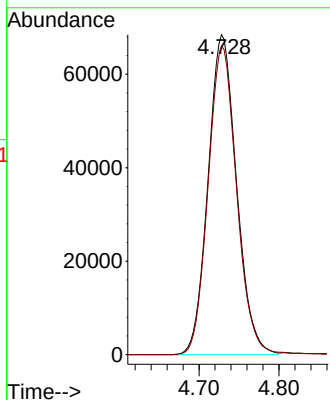
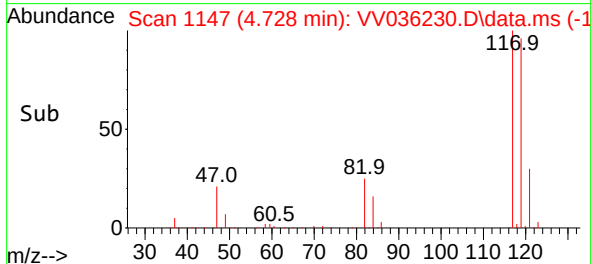
Instrument :
MSVOA_V
ClientSampleId :
C0TA5MS



Tgt Ion:117 Resp: 16936
Ion Ratio Lower Upper
117 100
119 96.3 76.8 115.2

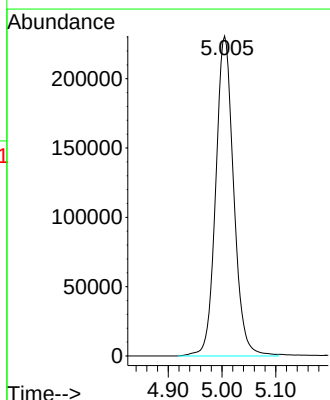
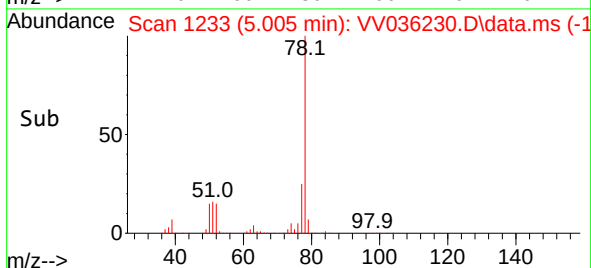
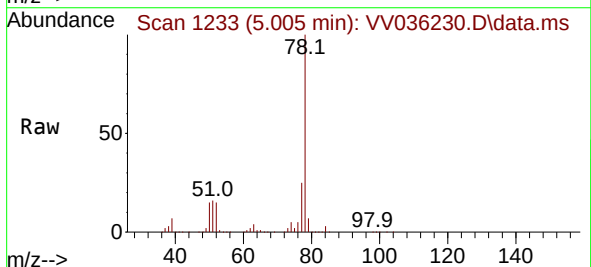
Manual Integrations
APPROVED

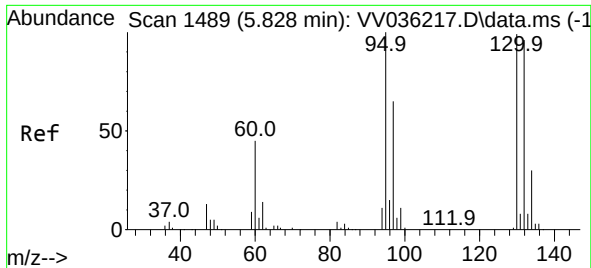
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024



#33
Benzene
Concen: 13.374 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VV036230.D
Acq: 22 Jun 2024 01:18

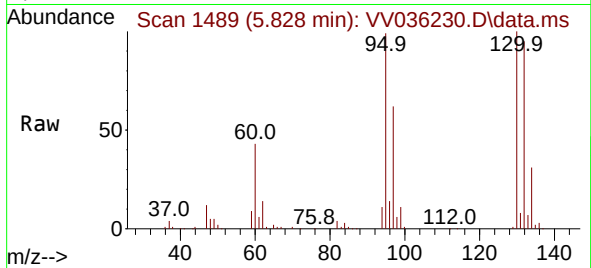
Tgt Ion: 78 Resp: 534709





#34
Trichloroethene
Concen: 11.965 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VV036230.D
Acq: 22 Jun 2024 01:18

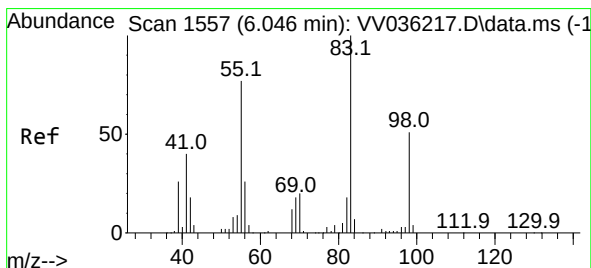
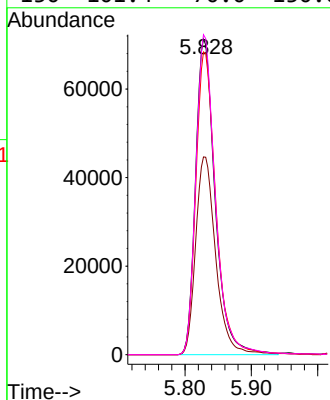
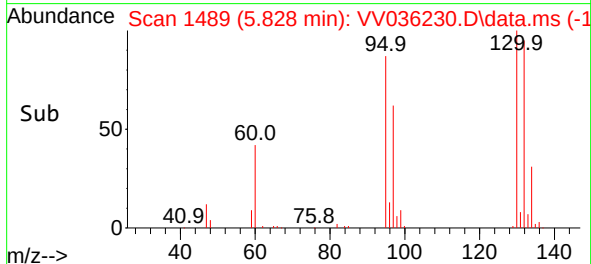
Instrument :
MSVOA_V
ClientSampleId :
C0TA5MS



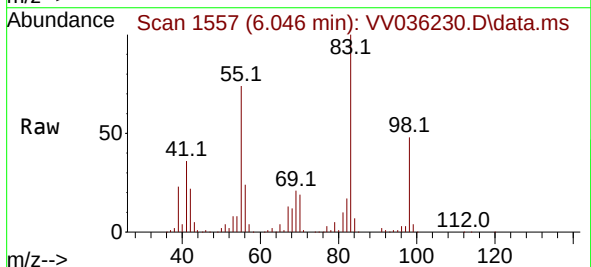
Tgt Ion: 95 Resp: 14662
Ion Ratio Lower Upper
95 100
97 62.7 44.8 83.2
132 95.9 66.8 124.2
130 101.4 70.0 130.0

Manual Integrations
APPROVED

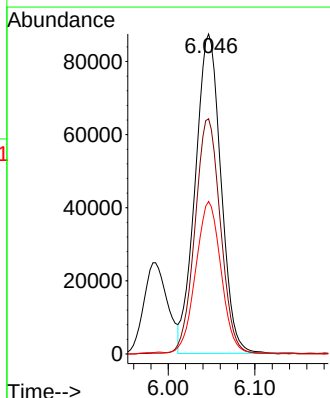
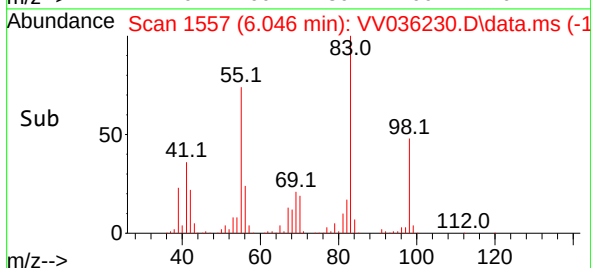
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024

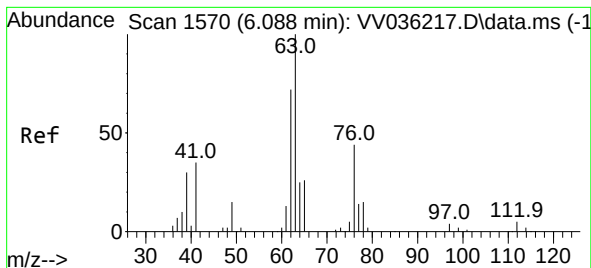


#35
Methylcyclohexane
Concen: 10.602 ug/L
RT: 6.046 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VV036230.D
Acq: 22 Jun 2024 01:18



Tgt Ion: 83 Resp: 179655
Ion Ratio Lower Upper
83 100
55 73.6 60.7 91.1
98 47.0 38.7 58.1





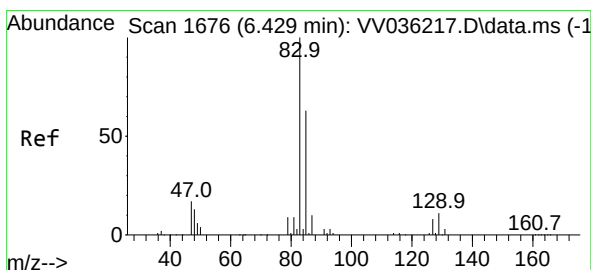
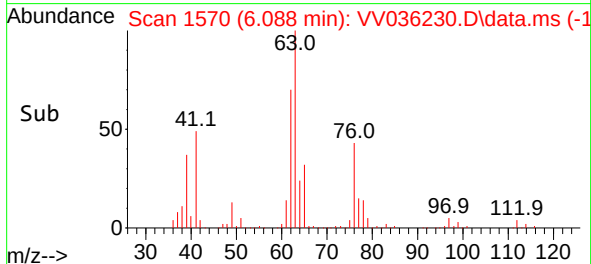
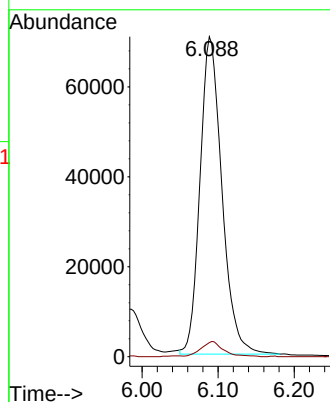
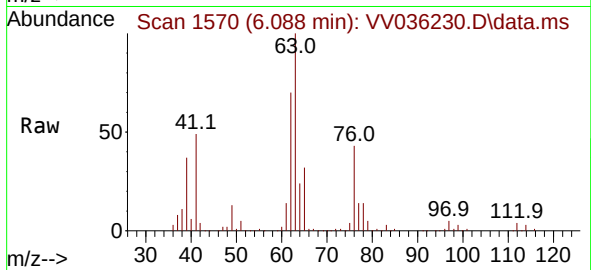
#37
1,2-Dichloropropane
Concen: 13.456 ug/L
RT: 6.088 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV036230.D
Acq: 22 Jun 2024 01:18

Instrument :
MSVOA_V
ClientSampleId :
C0TA5MS

Tgt Ion: 63 Resp: 141260
Ion Ratio Lower Upper
63 100
112 4.9 3.5 5.3

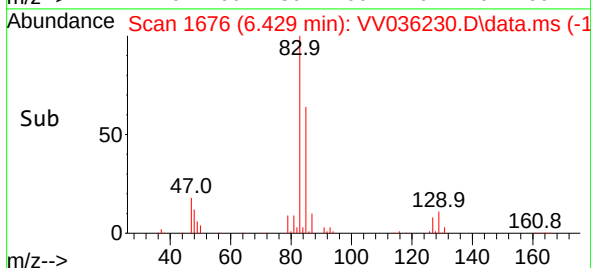
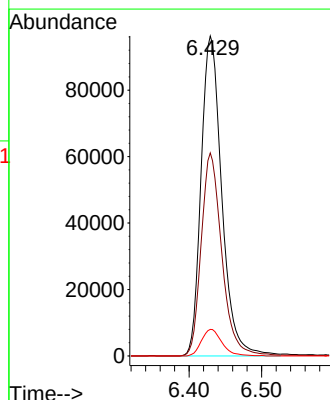
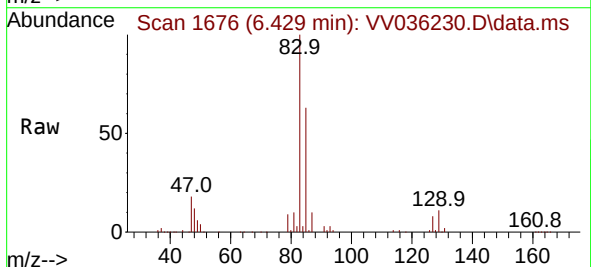
Manual Integrations
APPROVED

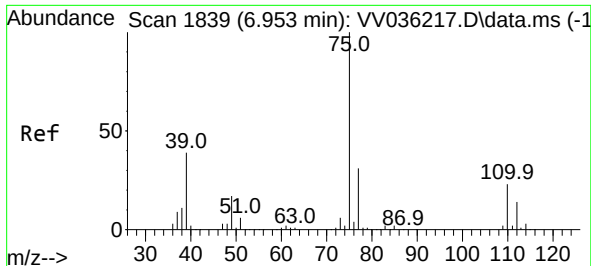
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024



#38
Bromodichloromethane
Concen: 13.775 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV036230.D
Acq: 22 Jun 2024 01:18

Tgt Ion: 83 Resp: 191409
Ion Ratio Lower Upper
83 100
85 63.4 45.3 84.1
127 8.3 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 12.534 ug/L

RT: 6.950 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV036230.D

Acq: 22 Jun 2024 01:18

Instrument :

MSVOA_V

ClientSampleId :

C0TA5MS

Tgt Ion: 75 Resp: 196804

Ion Ratio Lower Upper

75 100

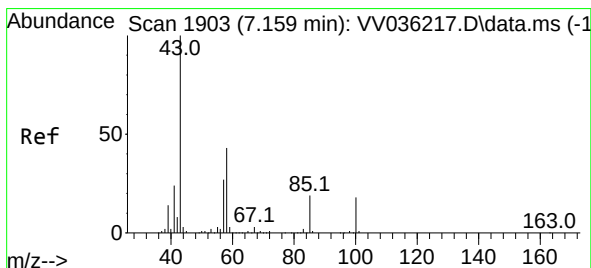
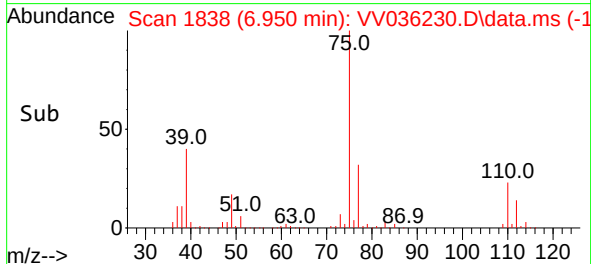
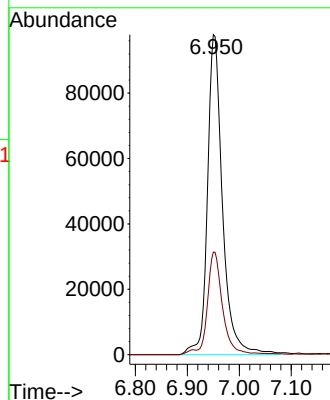
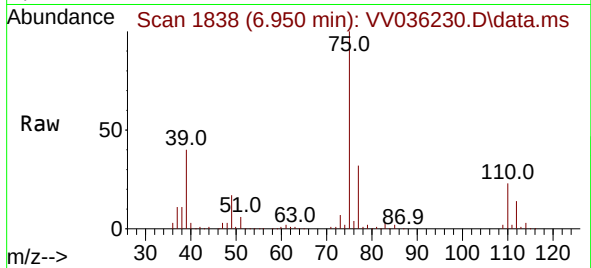
77 32.1 22.1 41.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2024

Supervised By :Semsettin Yesilyurt 06/26/2024



#40

4-Methyl-2-pentanone

Concen: 21.718 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV036230.D

Acq: 22 Jun 2024 01:18

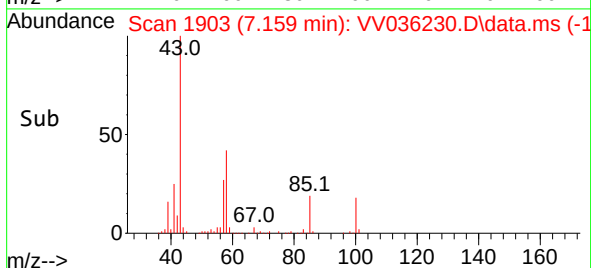
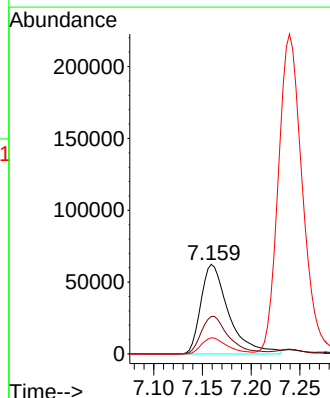
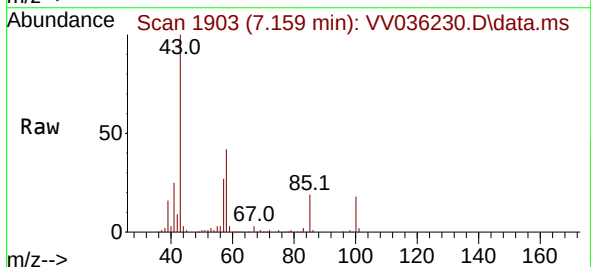
Tgt Ion: 43 Resp: 123876

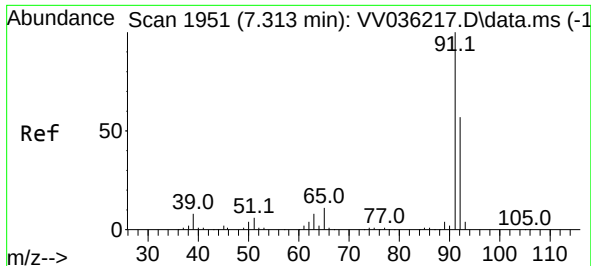
Ion Ratio Lower Upper

43 100

58 41.6 32.5 48.7

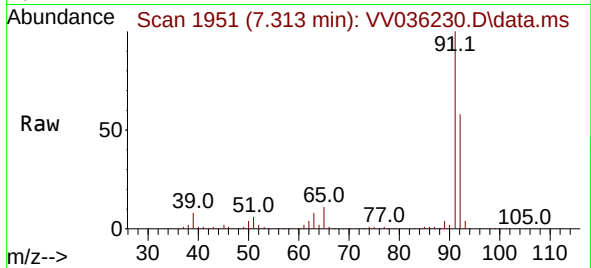
100 16.9 12.5 18.7





#42
Toluene
Concen: 14.355 ug/L
RT: 7.313 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VV036230.D
Acq: 22 Jun 2024 01:18

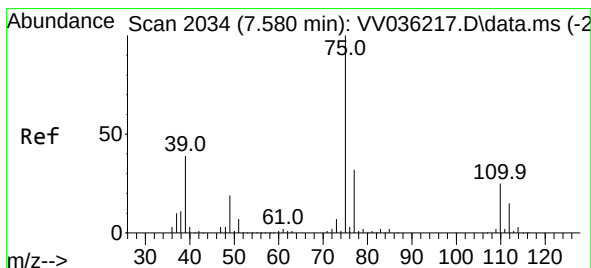
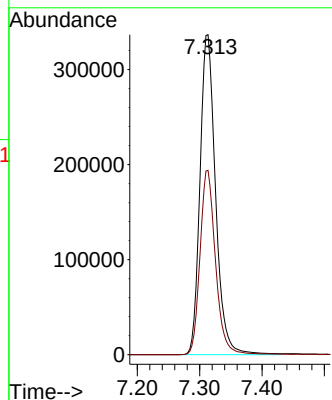
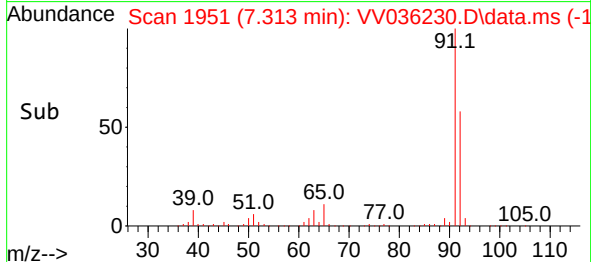
Instrument :
MSVOA_V
ClientSampleId :
C0TA5MS



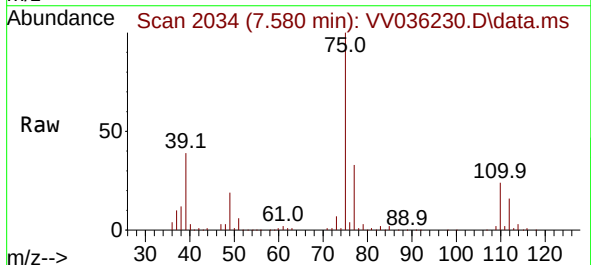
Tgt Ion: 91 Resp: 58644
Ion Ratio Lower Upper
91 100
92 57.6 40.6 75.4

Manual Integrations
APPROVED

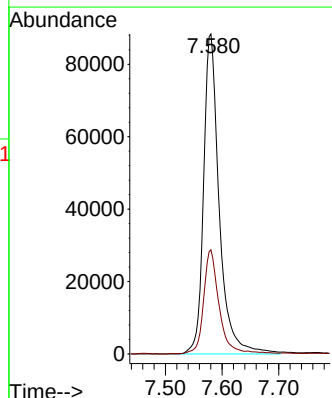
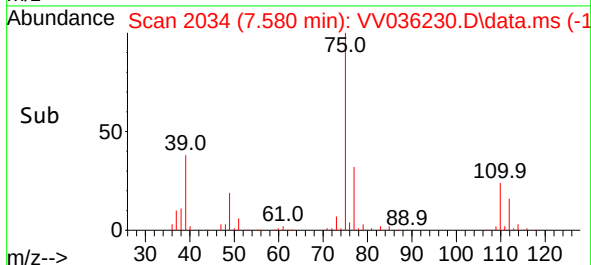
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024

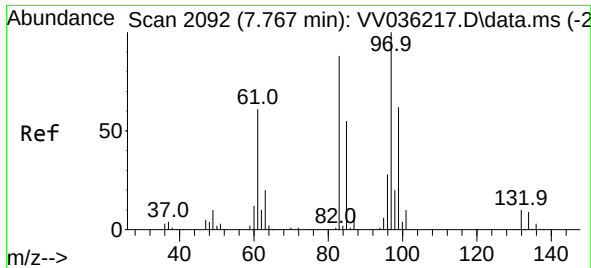


#44
trans-1,3-Dichloropropene
Concen: 12.531 ug/L
RT: 7.580 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VV036230.D
Acq: 22 Jun 2024 01:18



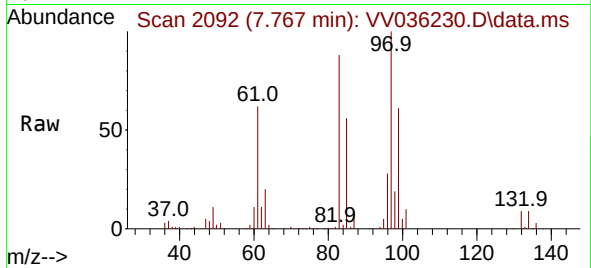
Tgt Ion: 75 Resp: 169961
Ion Ratio Lower Upper
75 100
77 32.5 23.1 42.9





#45
1,1,2-Trichloroethane
Concen: 12.946 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV036230.D
Acq: 22 Jun 2024 01:18

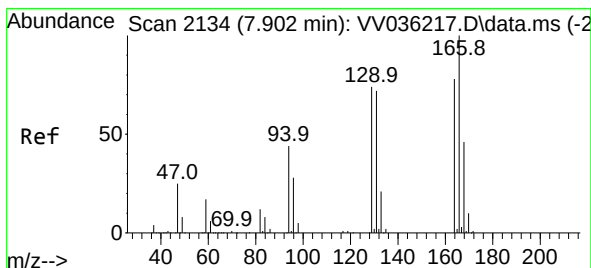
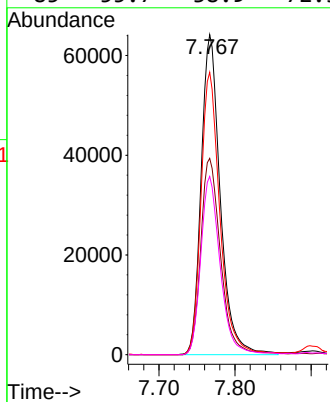
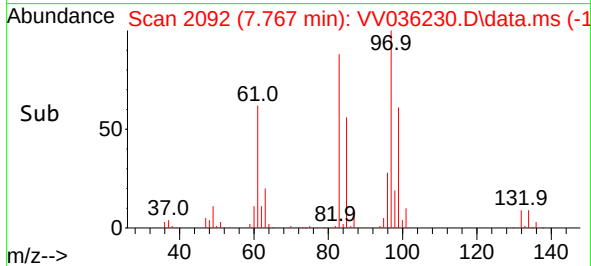
Instrument :
MSVOA_V
ClientSampleId :
C0TA5MS



Tgt Ion:	97	Resp:	11245
Ion	Ratio	Lower	Upper
97	100		
99	61.3	43.3	80.5
83	88.3	60.1	111.7
85	55.7	38.9	72.3

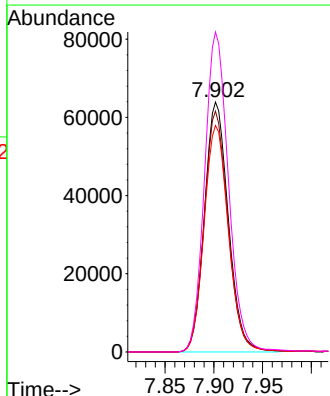
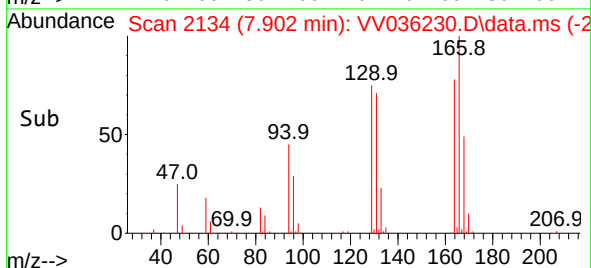
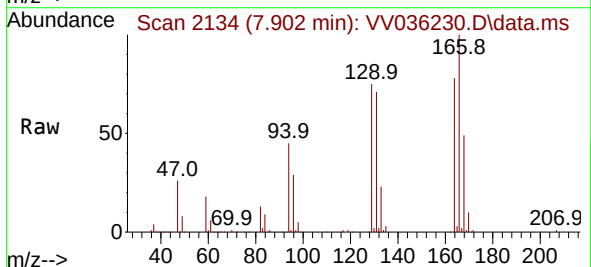
Manual Integrations
APPROVED

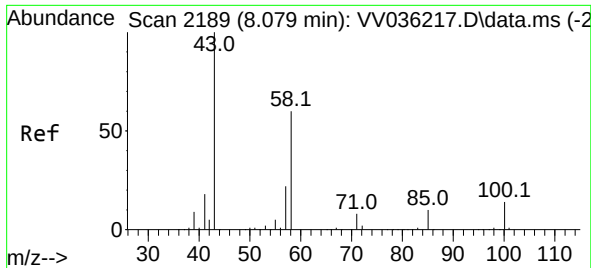
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024



#46
Tetrachloroethene
Concen: 12.167 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV036230.D
Acq: 22 Jun 2024 01:18

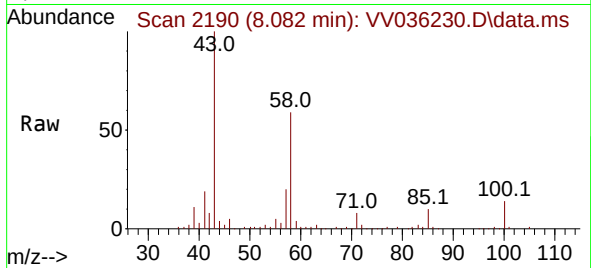
Tgt Ion:	164	Resp:	109042
Ion	Ratio	Lower	Upper
164	100		
129	96.3	64.6	120.0
131	90.6	63.2	117.4
166	128.0	89.5	166.3





#48
2-Hexanone
Concen: 18.529 ug/L
RT: 8.082 min Scan# 2189
Delta R.T. 0.003 min
Lab File: VV036230.D
Acq: 22 Jun 2024 01:18

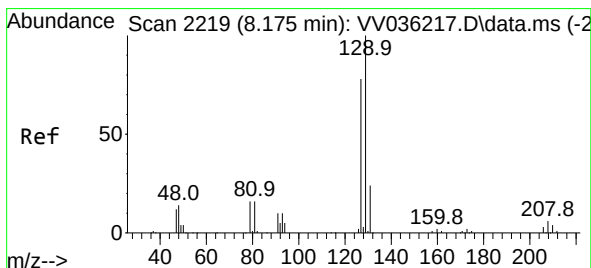
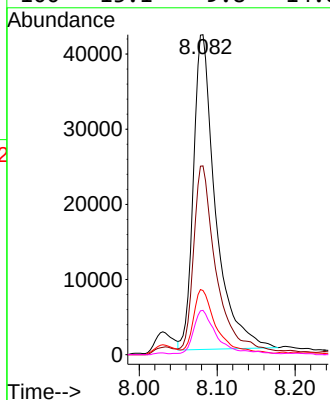
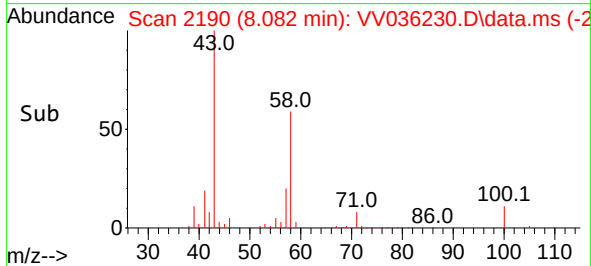
Instrument :
MSVOA_V
ClientSampleId :
C0TA5MS



Tgt Ion: 43 Resp: 82624
Ion Ratio Lower Upper
43 100
58 60.0 45.4 68.0
57 19.5 15.8 23.8
100 13.1 9.8 14.8

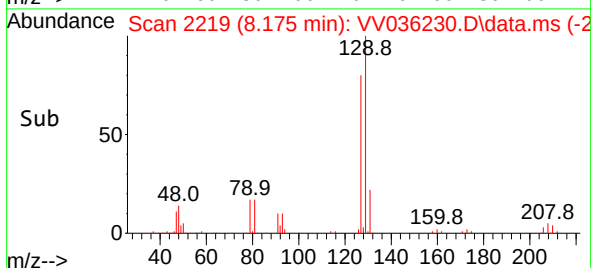
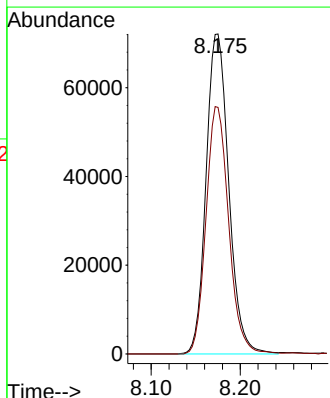
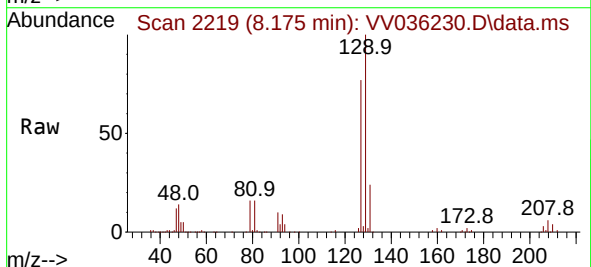
Manual Integrations
APPROVED

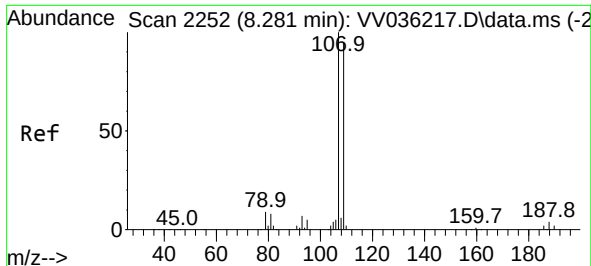
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024



#49
Dibromochloromethane
Concen: 13.390 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV036230.D
Acq: 22 Jun 2024 01:18

Tgt Ion:129 Resp: 127300
Ion Ratio Lower Upper
129 100
127 77.1 53.9 100.1





#50

1,2-Dibromoethane

Concen: 12.796 ug/L

RT: 8.281 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV036230.D

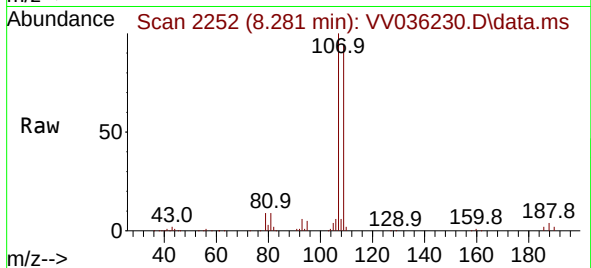
Acq: 22 Jun 2024 01:18

Instrument :

MSVOA_V

ClientSampleId :

C0TA5MS

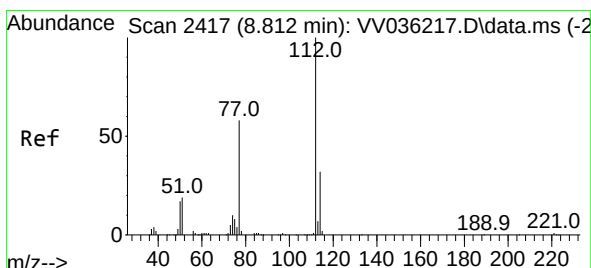
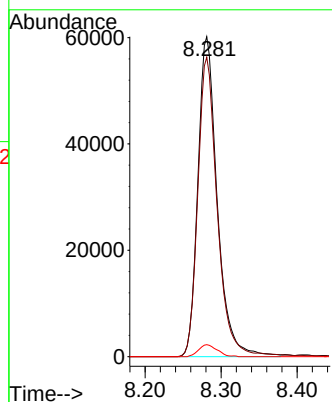
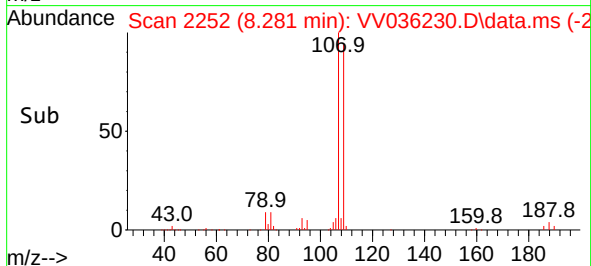


Tgt Ion:	107	Resp:	10665
Ion Ratio	Lower	Upper	
107	100		
109	93.6	66.1	122.7
188	3.7	3.0	4.6

Manual Integrations

APPROVED

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



#51

Chlorobenzene

Concen: 13.149 ug/L

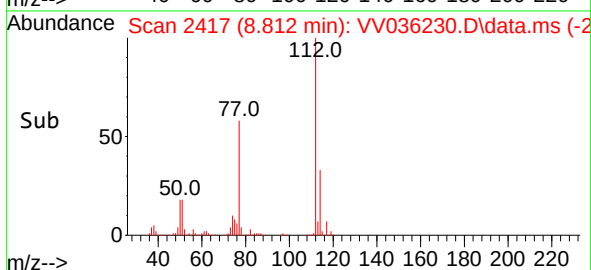
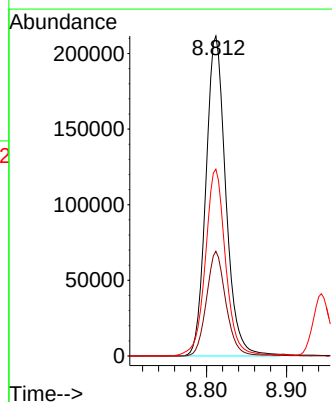
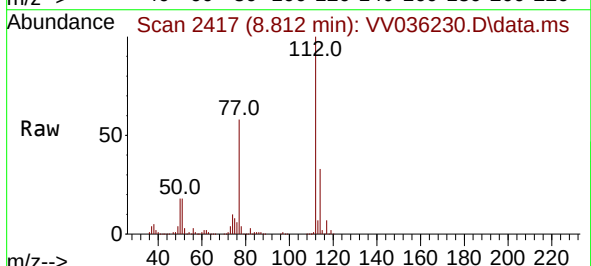
RT: 8.812 min Scan# 2417

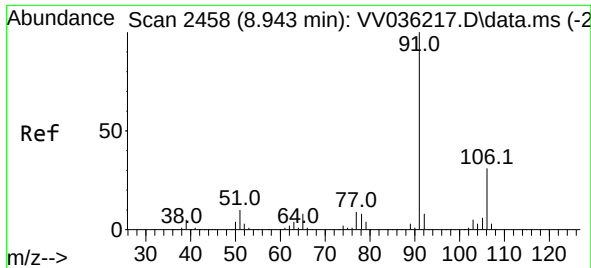
Delta R.T. 0.000 min

Lab File: VV036230.D

Acq: 22 Jun 2024 01:18

Tgt Ion:	112	Resp:	366018
Ion Ratio	Lower	Upper	
112	100		
114	32.7	22.3	41.5
77	58.4	47.3	70.9





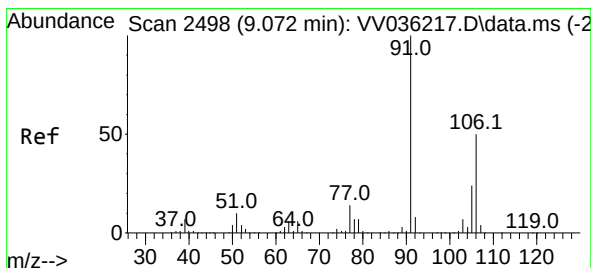
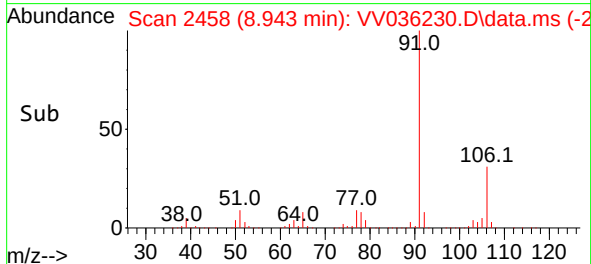
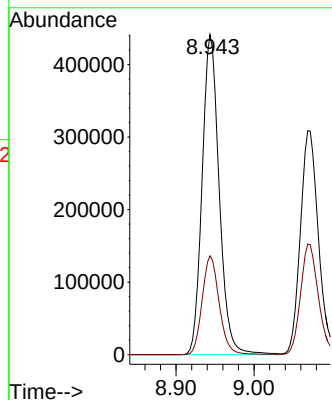
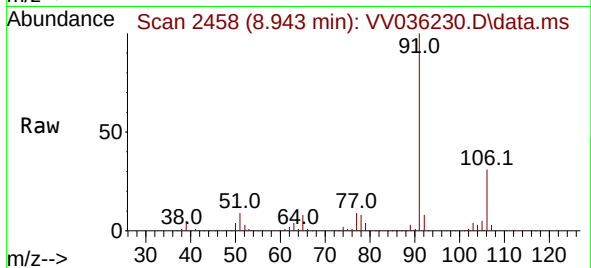
#52
Ethylbenzene
Concen: 15.364 ug/L
RT: 8.943 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV036230.D
Acq: 22 Jun 2024 01:18

Instrument :
MSVOA_V
ClientSampleId :
C0TA5MS

Tgt Ion: 91 Resp: 67156
Ion Ratio Lower Upper
91 100
106 30.9 21.6 40.0

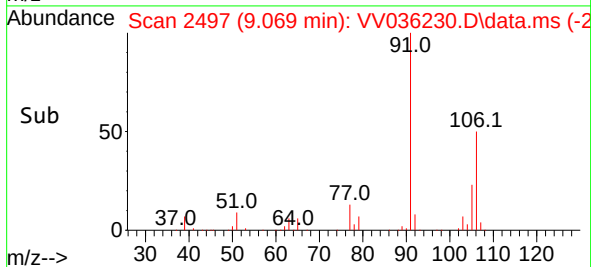
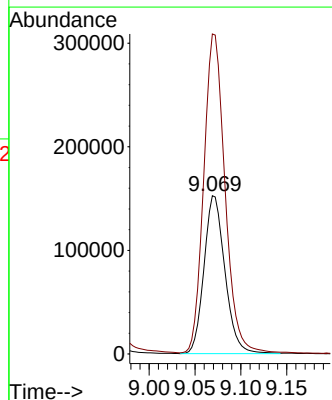
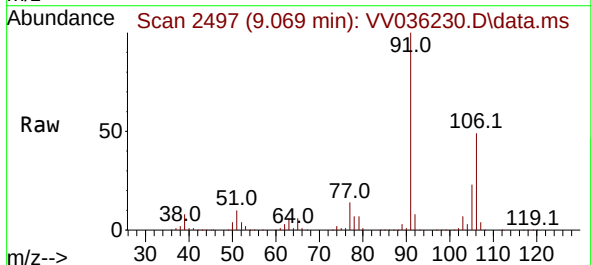
Manual Integrations
APPROVED

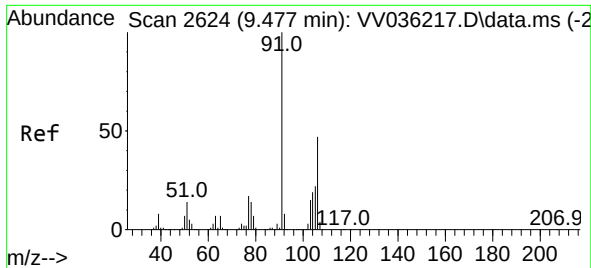
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024



#53
m,p-Xylene
Concen: 14.747 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.003 min
Lab File: VV036230.D
Acq: 22 Jun 2024 01:18

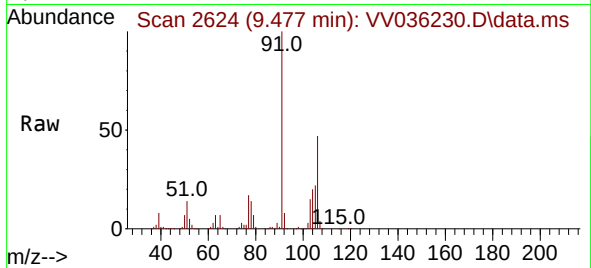
Tgt Ion:106 Resp: 242202
Ion Ratio Lower Upper
106 100
91 202.2 143.1 265.9





#54
o-Xylene
Concen: 15.321 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV036230.D
Acq: 22 Jun 2024 01:18

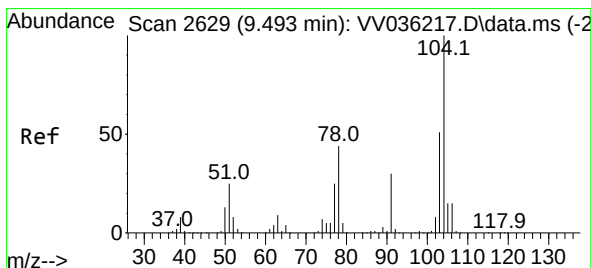
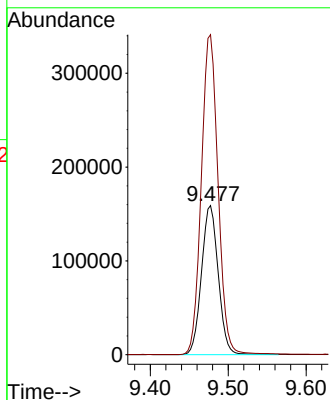
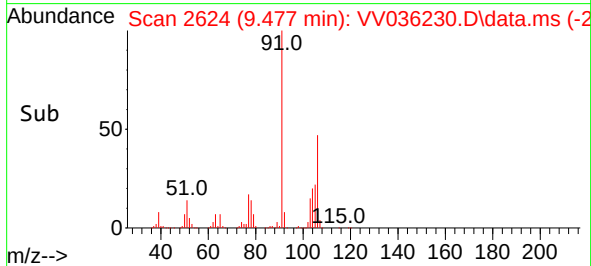
Instrument :
MSVOA_V
ClientSampleId :
C0TA5MS



Tgt Ion:106 Resp: 237299
Ion Ratio Lower Upper
106 100
91 214.5 154.5 286.9

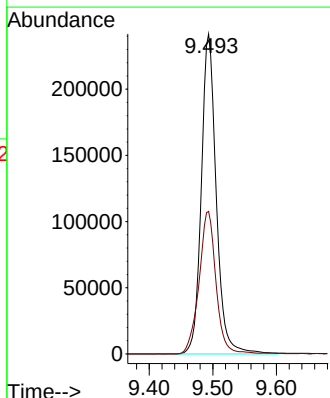
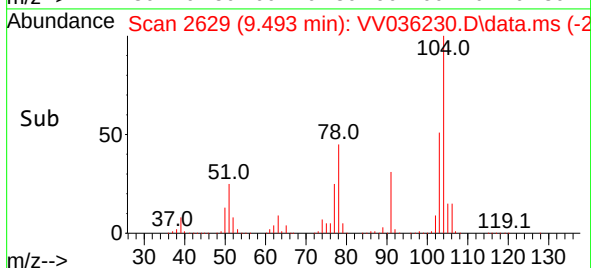
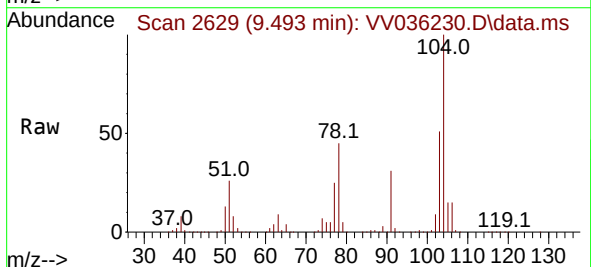
Manual Integrations
APPROVED

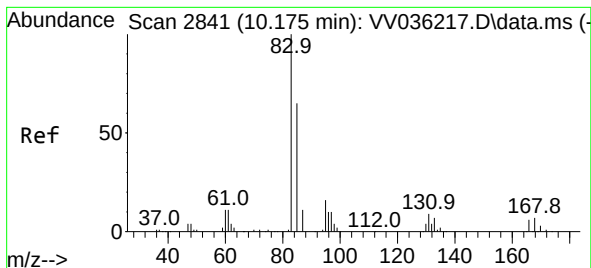
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024



#55
Styrene
Concen: 14.455 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV036230.D
Acq: 22 Jun 2024 01:18

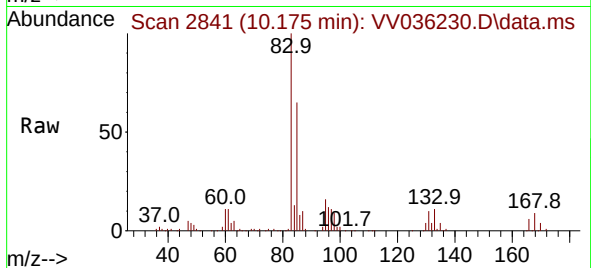
Tgt Ion:104 Resp: 394800
Ion Ratio Lower Upper
104 100
78 44.5 31.4 58.2





#57
1,1,2,2-Tetrachloroethane
Concen: 13.783 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV036230.D
Acq: 22 Jun 2024 01:18

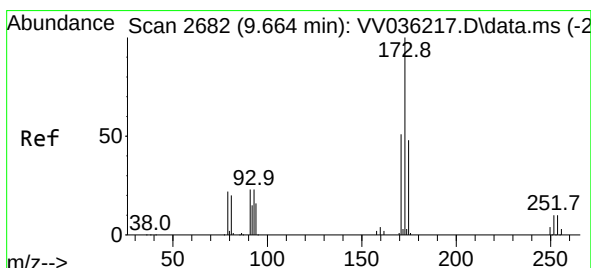
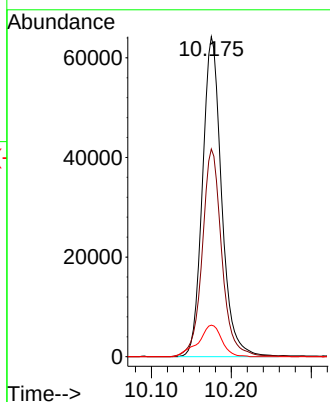
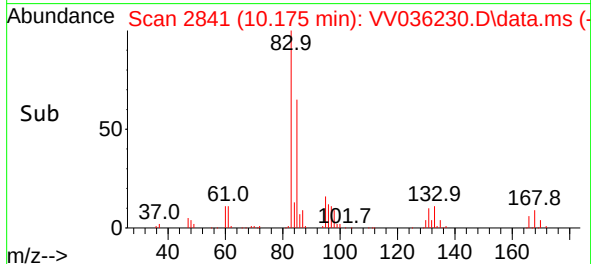
Instrument :
MSVOA_V
ClientSampleId :
C0TA5MS



Tgt Ion: 83 Resp: 10720
Ion Ratio Lower Upper
83 100
85 64.9 45.1 83.7
131 9.8 7.6 11.4

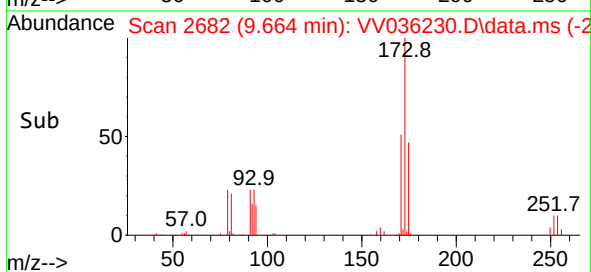
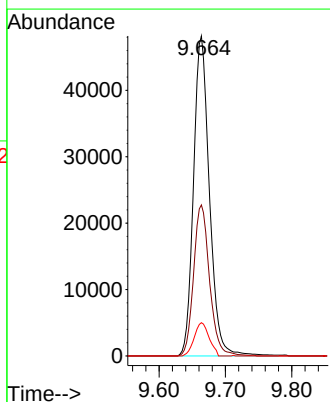
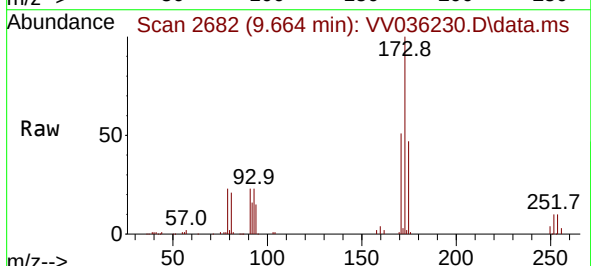
Manual Integrations
APPROVED

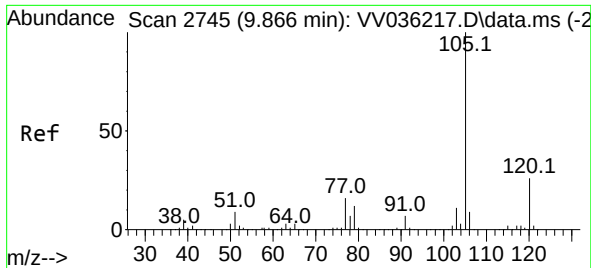
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024



#59
Bromoform
Concen: 12.892 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.000 min
Lab File: VV036230.D
Acq: 22 Jun 2024 01:18

Tgt Ion:173 Resp: 80356
Ion Ratio Lower Upper
173 100
175 47.2 39.0 58.6
254 9.7 8.6 13.0





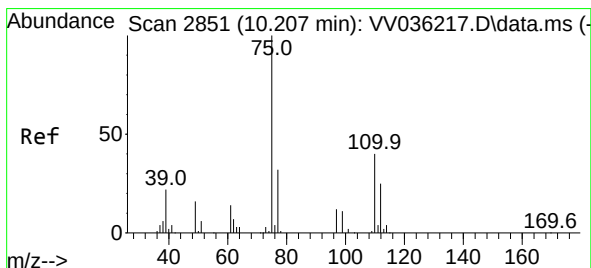
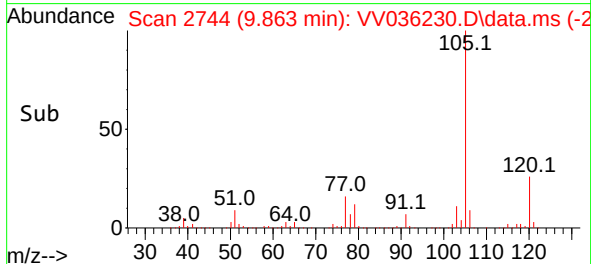
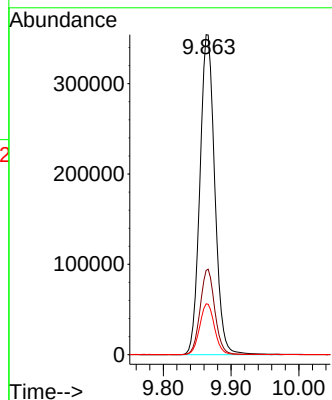
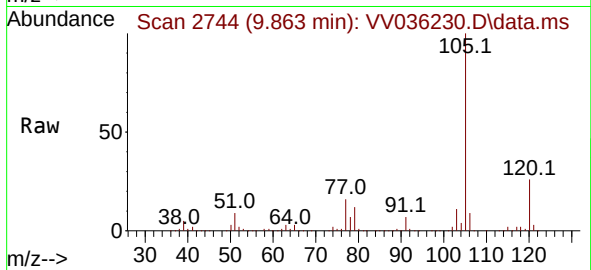
#60
Isopropylbenzene
Concen: 12.726 ug/L
RT: 9.863 min Scan# 2744
Delta R.T. -0.003 min
Lab File: VV036230.D
Acq: 22 Jun 2024 01:18

Instrument :
MSVOA_V
ClientSampleId :
C0TA5MS

Tgt Ion:105 Resp: 53959
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.6
77 15.9 12.6 18.8

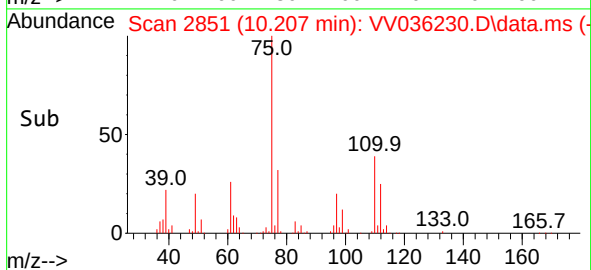
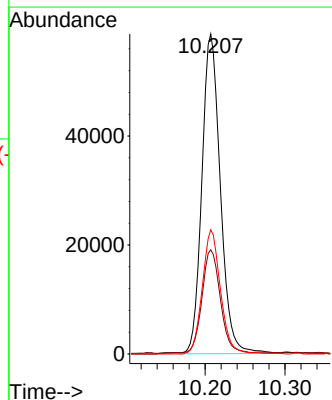
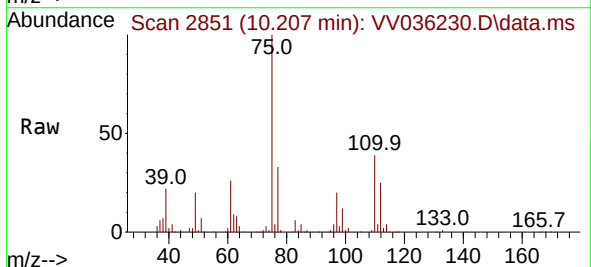
Manual Integrations
APPROVED

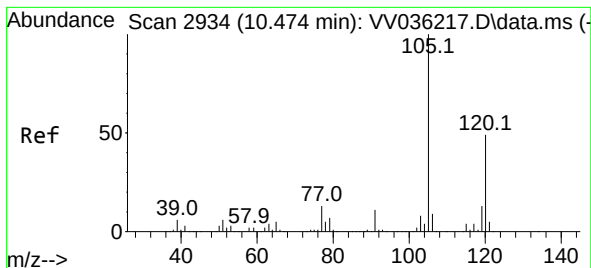
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024



#61
1,2,3-Trichloropropane
Concen: 12.092 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV036230.D
Acq: 22 Jun 2024 01:18

Tgt Ion: 75 Resp: 94515
Ion Ratio Lower Upper
75 100
77 31.6 26.0 39.0
110 37.9 32.2 48.4





#62

1,3,5-Trimethylbenzene

Concen: 13.031 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV036230.D

Acq: 22 Jun 2024 01:18

Instrument :

MSVOA_V

ClientSampleId :

C0TA5MS

Tgt Ion:105 Resp: 400664

Ion Ratio Lower Upper

105 100

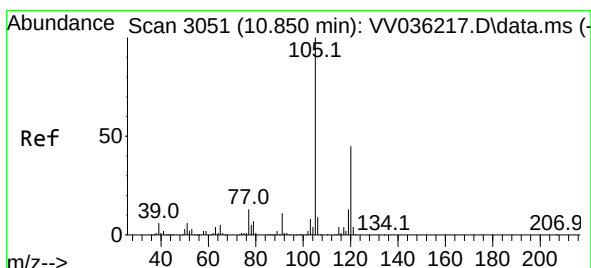
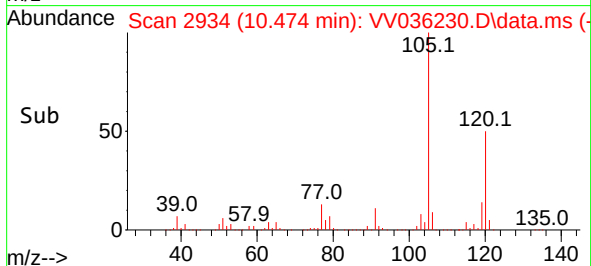
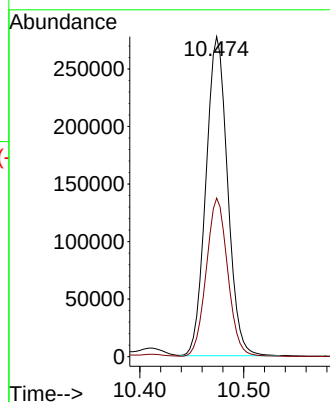
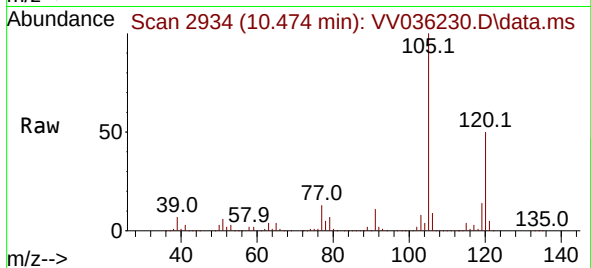
120 49.4 38.6 58.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2024

Supervised By :Semsettin Yesilyurt 06/26/2024



#63

1,2,4-Trimethylbenzene

Concen: 14.618 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV036230.D

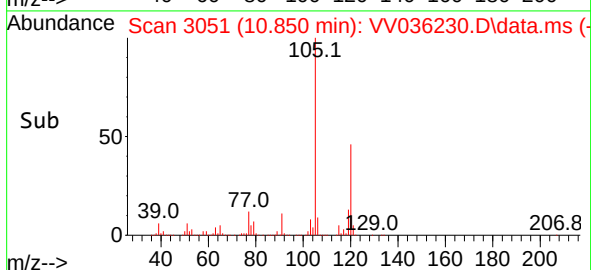
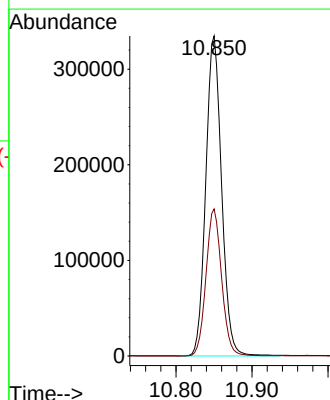
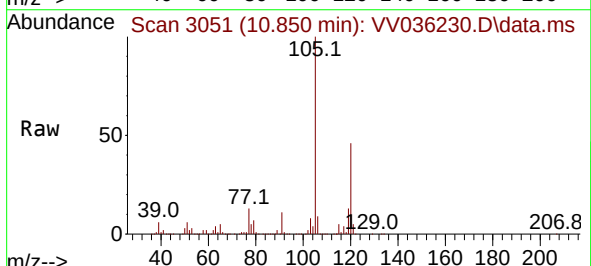
Acq: 22 Jun 2024 01:18

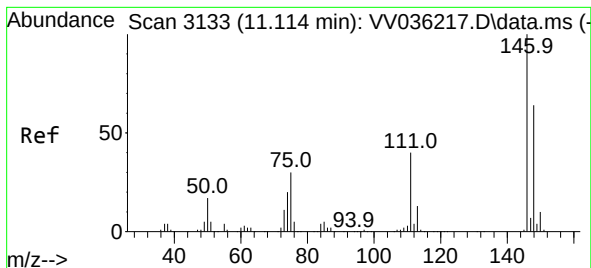
Tgt Ion:105 Resp: 484269

Ion Ratio Lower Upper

105 100

120 45.4 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 12.978 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV036230.D

Acq: 22 Jun 2024 01:18

Instrument :

MSVOA_V

ClientSampleId :

C0TA5MS

Tgt Ion:146 Resp: 288990

Ion Ratio Lower Upper

146 100

111 39.9 28.1 52.1

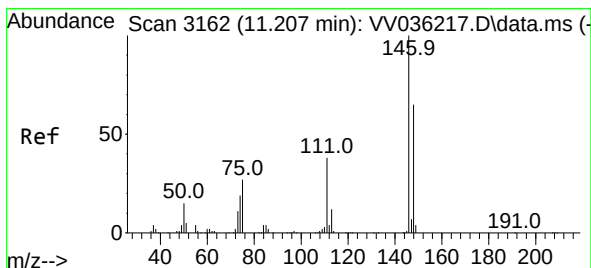
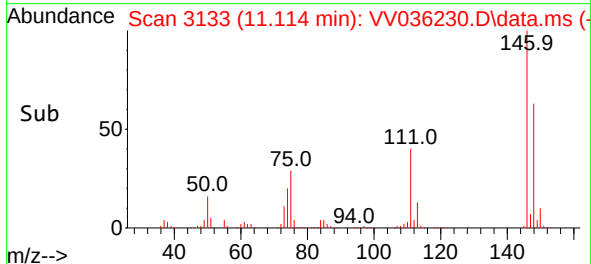
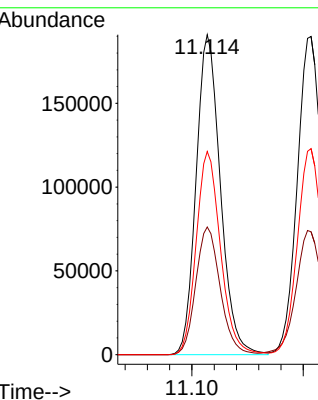
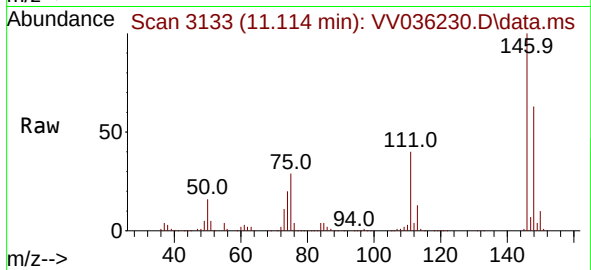
148 63.5 44.7 83.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2024

Supervised By :Semsettin Yesilyurt 06/26/2024



#65

1,4-Dichlorobenzene

Concen: 13.266 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV036230.D

Acq: 22 Jun 2024 01:18

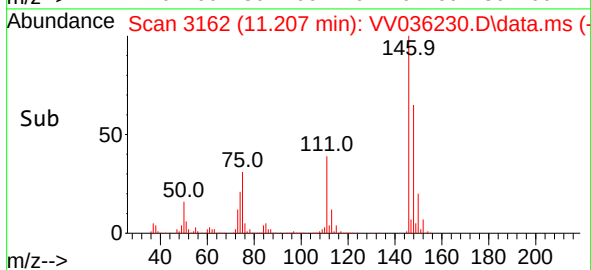
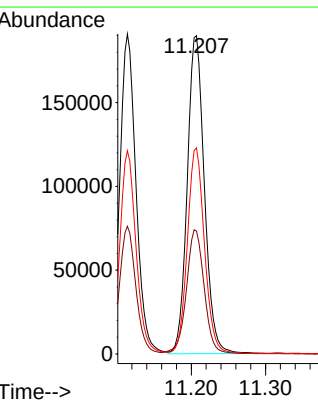
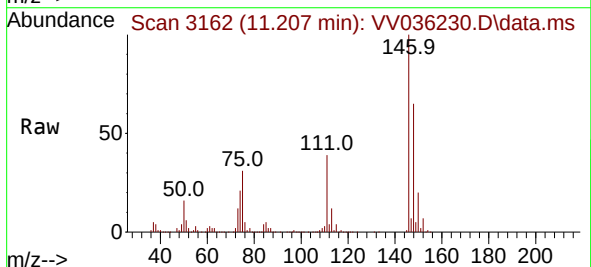
Tgt Ion:146 Resp: 304907

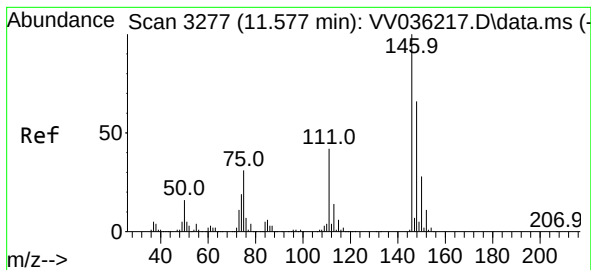
Ion Ratio Lower Upper

146 100

111 38.6 26.9 50.1

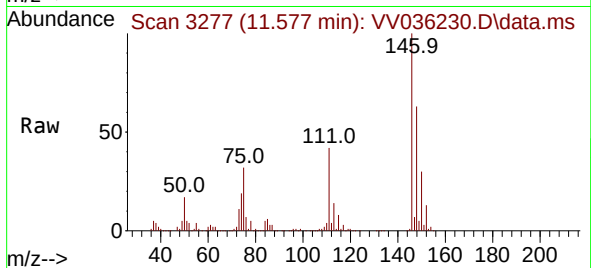
148 64.8 44.5 82.7





#67
1,2-Dichlorobenzene
Concen: 13.541 ug/L
RT: 11.577 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV036230.D
Acq: 22 Jun 2024 01:18

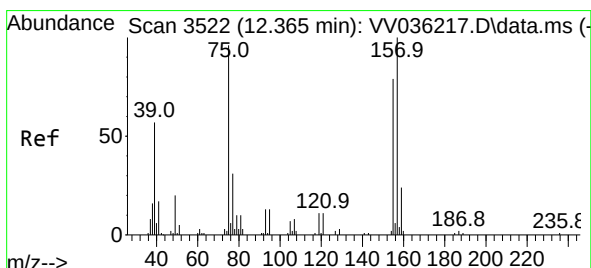
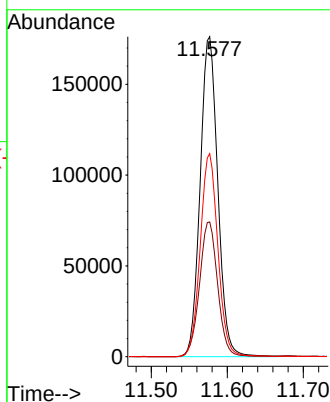
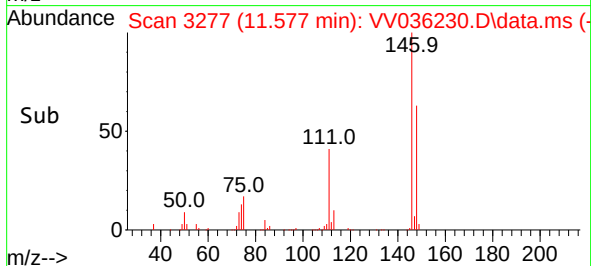
Instrument :
MSVOA_V
ClientSampleId :
C0TA5MS



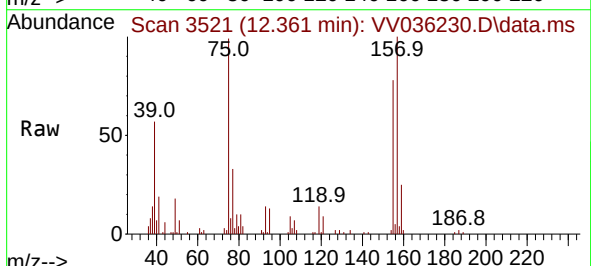
Tgt Ion:146 Resp: 28373
Ion Ratio Lower Upper
146 100
111 42.1 33.5 50.3
148 63.5 50.9 76.3

Manual Integrations
APPROVED

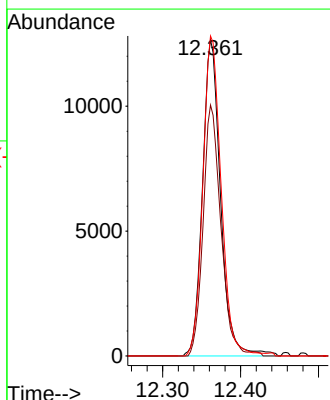
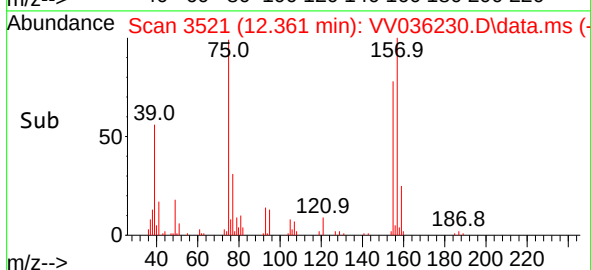
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024

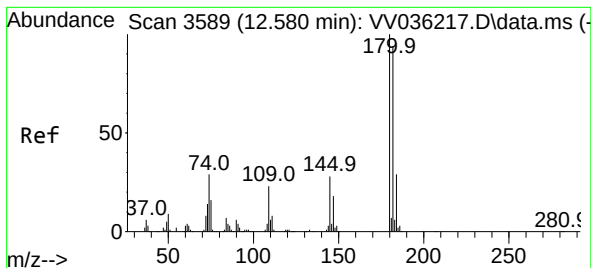


#68
1,2-Dibromo-3-chloropropane
Concen: 11.672 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. -0.003 min
Lab File: VV036230.D
Acq: 22 Jun 2024 01:18



Tgt Ion: 75 Resp: 20402
Ion Ratio Lower Upper
75 100
155 79.3 63.3 94.9
157 101.2 82.4 123.6





#69

1,3,5-Trichlorobenzene

Concen: 11.794 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

Lab File: VV036230.D

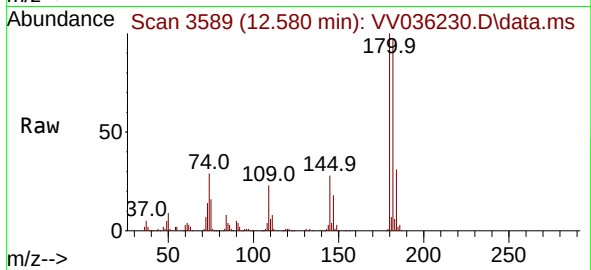
Acq: 22 Jun 2024 01:18

Instrument :

MSVOA_V

ClientSampleId :

C0TA5MS



Tgt Ion:180 Resp: 19644

Ion Ratio Lower Upper

180 100

182 96.4 76.2 114.4

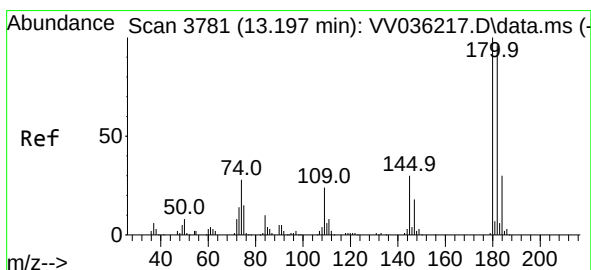
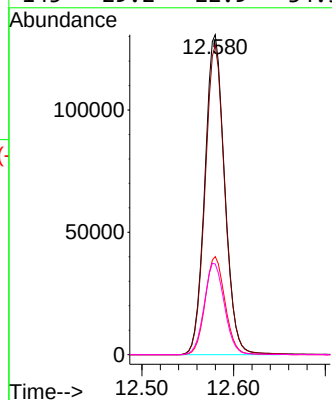
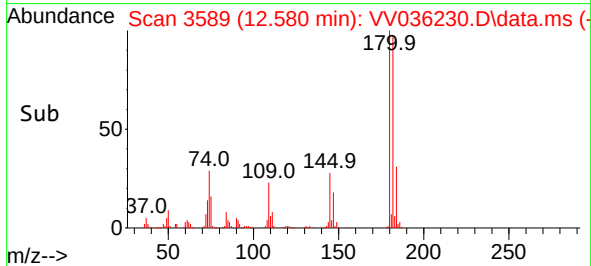
184 30.6 24.2 36.2

145 29.2 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: 11.797 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.003 min

Lab File: VV036230.D

Acq: 22 Jun 2024 01:18

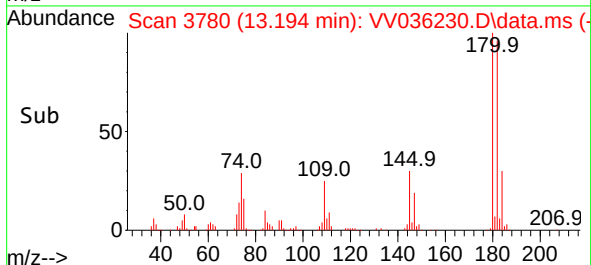
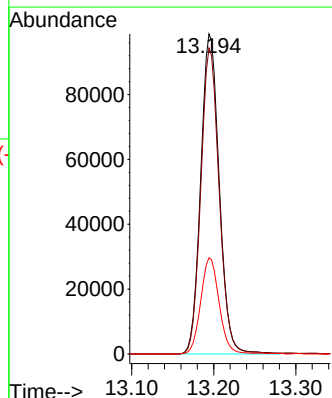
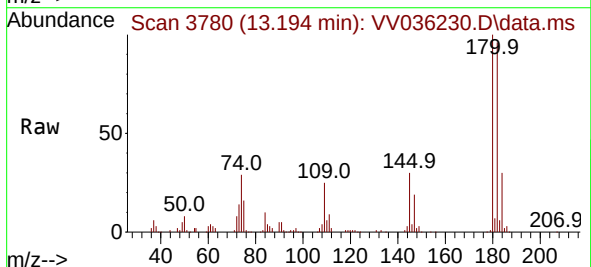
Tgt Ion:180 Resp: 154721

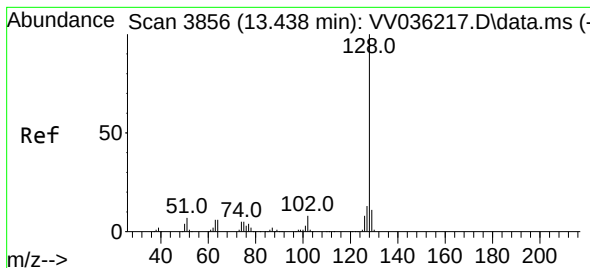
Ion Ratio Lower Upper

180 100

182 94.5 76.1 114.1

145 29.8 23.5 35.3





#71

Naphthalene

Concen: 32.724 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.003 min

Lab File: VV036230.D

Acq: 22 Jun 2024 01:18

Instrument :

MSVOA_V

ClientSampleId :

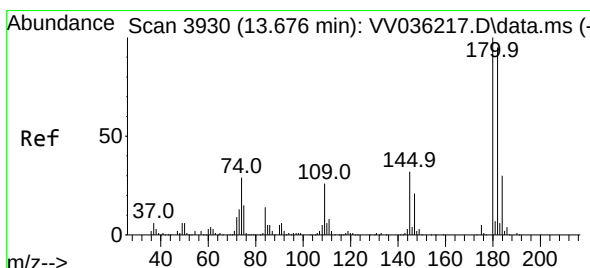
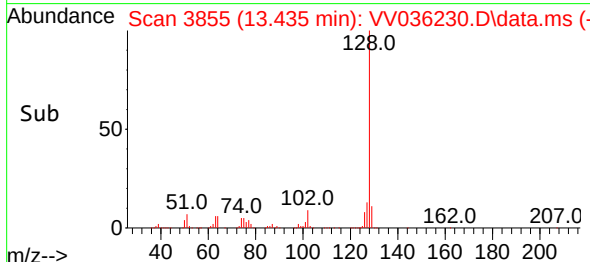
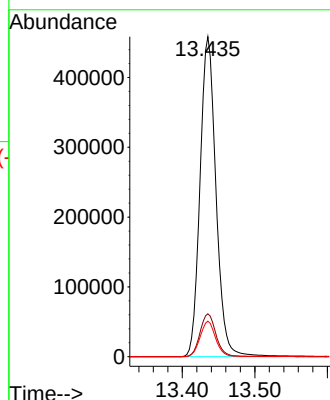
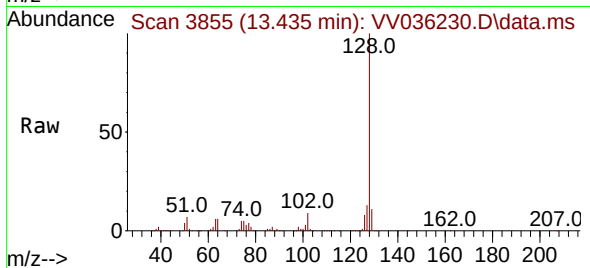
C0TA5MS

Tgt Ion:	128	Resp:	70039
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.6	16.0
129	10.8	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: 12.883 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV036230.D

Acq: 22 Jun 2024 01:18

Tgt Ion:	180	Resp:	154183
Ion Ratio	Lower	Upper	
180	100		
182	95.7	75.1	112.7
145	31.4	25.2	37.8

