

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062424\
 Data File : VW036266.D
 Acq On : 25 Jun 2024 00:27
 Operator : SY/MD
 Sample : P3035-03MSD
 Misc : 4.91g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4CW2MSD

Manual Integrations
 APPROVED

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

Quant Time: Jun 25 06:31:05 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	420691	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	324674	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	98960	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	176135	22.773	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.080%
7) Chloroethane-d5	1.526	69	152577	24.740	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.960%
11) 1,1-Dichloroethene-d2	2.050	65	76003	22.074	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.280%
21) 2-Butanone-d5	3.847	46	46802m	26.374	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	52.740%
24) Chloroform-d	4.243	84	325064	24.304	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	4.937	65	166368	23.725	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.880%
32) Benzene-d6	4.954	84	613670	31.797	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	127.200%
36) 1,2-Dichloropropane-d6	5.982	67	195478	32.164	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	128.640%#
41) Toluene-d8	7.240	98	504755	29.642	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	118.560%
43) trans-1,3-Dichloroprop...	7.551	79	44663	17.923	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.680%
47) 2-Hexanone-d5	8.034	63	23704	28.787	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.580%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	112139	24.692	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.760%
66) 1,2-Dichlorobenzene-d4	11.558	152	82923	22.850	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.400%
Target Compounds						
2) Dichlorodifluoromethane	1.102	85	106193	14.000	ug/L	100
3) Chloromethane	1.211	50	103430	11.881	ug/L	99
5) Vinyl chloride	1.275	62	138070	15.066	ug/L	99
6) Bromomethane	1.481	94	66834	11.755	ug/L	99
8) Chloroethane	1.542	64	91553	16.072	ug/L	98
9) Trichlorofluoromethane	1.706	101	194563	17.095	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	112831	15.621	ug/L	97
12) 1,1-Dichloroethene	2.060	96	107223	15.916	ug/L #	79
13) Acetone	2.163	43	39835m	14.411	ug/L	
14) Carbon disulfide	2.233	76	272688	11.656	ug/L	100
15) Methyl Acetate	2.397	43	24210m	7.046	ug/L	
16) Methylene chloride	2.439	84	150226	15.781	ug/L	97
17) trans-1,2-Dichloroethene	2.687	96	104747	14.637	ug/L	96
18) Methyl tert-butyl Ether	2.703	73	280210	17.442	ug/L	99
19) 1,1-Dichloroethane	3.105	63	221458	16.250	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	109973	15.294	ug/L	97
22) 2-Butanone	3.925	43	54278m	23.141	ug/L	
23) Bromochloromethane	4.143	128	59271	16.433	ug/L	96
25) Chloroform	4.269	83	231880	16.541	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	141749	16.196	ug/L	100
29) Cyclohexane	4.577	56	108560	14.043	ug/L	98
30) 1,1,1-Trichloroethane	4.507	97	181931	20.497	ug/L	99
31) Carbon tetrachloride	4.728	117	146632	18.831	ug/L	98
33) Benzene	5.005	78	443875	20.903	ug/L	100
34) Trichloroethene	5.828	95	113057	17.372	ug/L	100
35) Methylcyclohexane	6.047	83	100603	11.178	ug/L	99
37) 1,2-Dichloropropane	6.089	63	116030	20.810	ug/L	100
38) Bromodichloromethane	6.429	83	150552	20.400	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	93866	11.256	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	100225	33.085	ug/L	99
42) Toluene	7.310	91	411759	18.977	ug/L	98
44) trans-1,3-Dichloropropene	7.580	75	85877	11.922	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	91204	19.769	ug/L	98
46) Tetrachloroethene	7.902	164	69260	14.551	ug/L	98
48) 2-Hexanone	8.082	43	56522	23.866	ug/L #	93
49) Dibromochloromethane	8.172	129	91729	18.167	ug/L	99
50) 1,2-Dibromoethane	8.281	107	69546	15.710	ug/L	98
51) Chlorobenzene	8.812	112	224804	15.206	ug/L	99
52) Ethylbenzene	8.944	91	350839	15.113	ug/L	100
53) m,p-Xylene	9.072	106	127917	14.665	ug/L	99
54) o-Xylene	9.477	106	116043	14.107	ug/L	99
55) Styrene	9.494	104	169178	11.663	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	75827	18.356	ug/L	99
59) Bromoform	9.664	173	49419	26.480	ug/L	99
60) Isopropylbenzene	9.863	105	277985	21.896	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	70775	30.240	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	154951	16.831	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	163337	16.467	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	101185	15.176	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	104850	15.236	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	91702	14.616	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	11596	22.157	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	38340	7.687	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	22992	5.855	ug/L	99
71) Naphthalene	13.439	128	50727	7.916	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	18412	5.138	ug/L	99

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

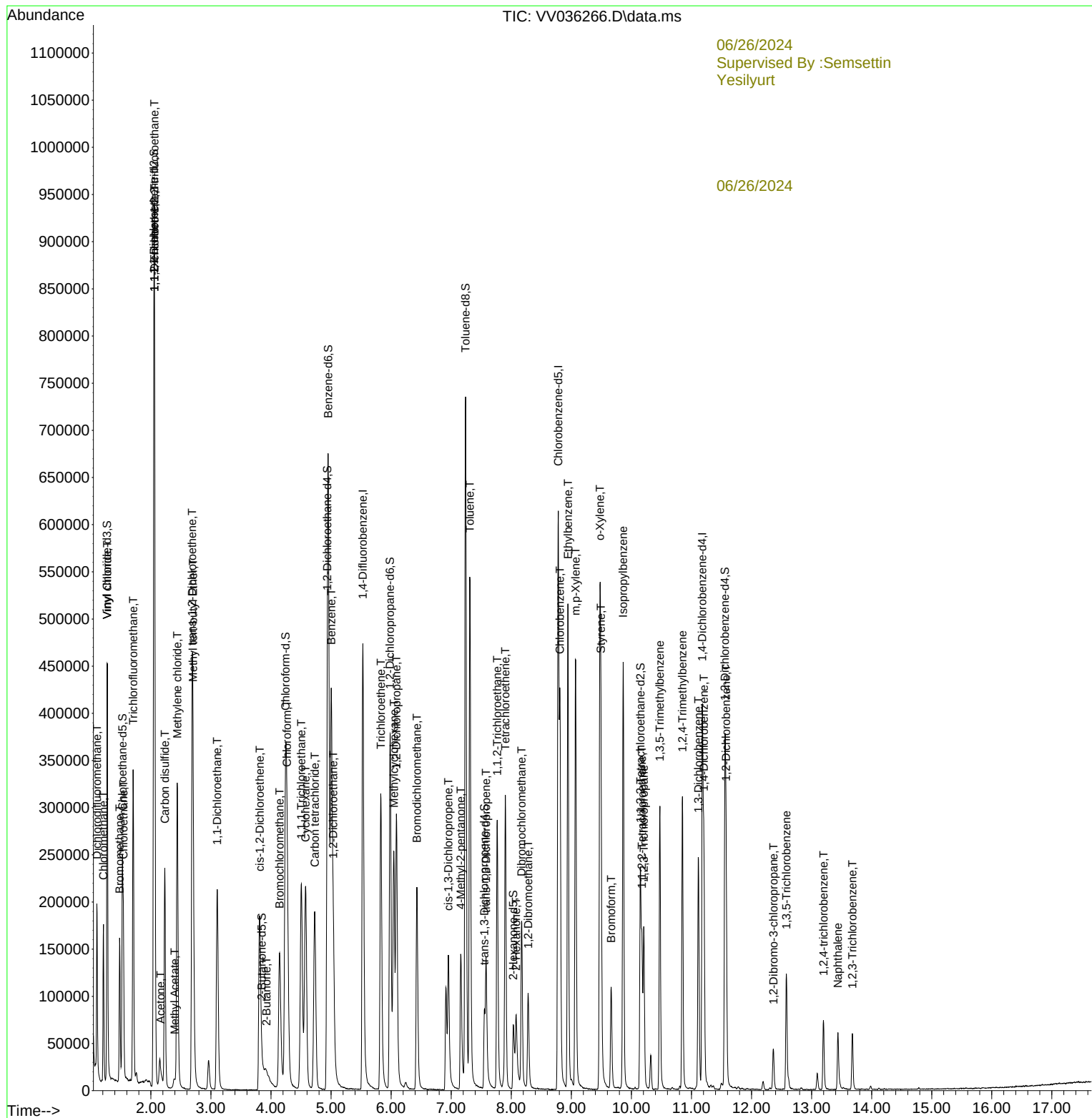
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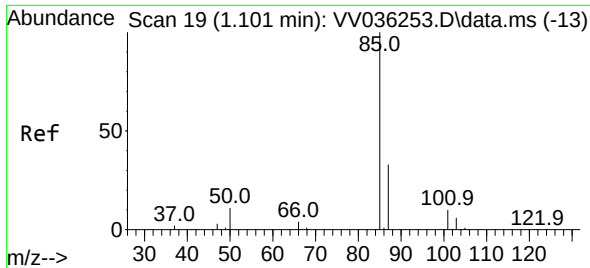
Instrument :
 MSVOA_V
 ClientSampleId :
 A4CW2MSD

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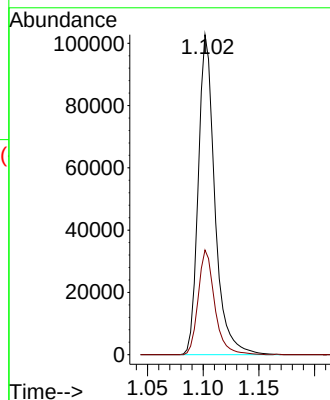
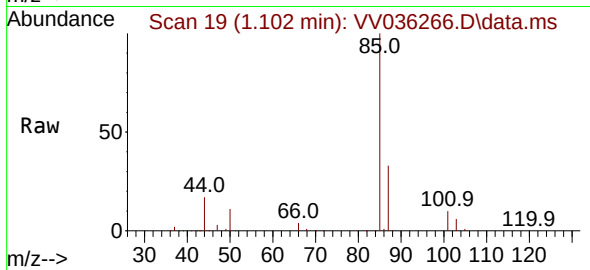
#2
Dichlorodifluoromethane
Concen: 14.000 ug/L
RT: 1.102 min Scan# 19
Delta R.T. 0.000 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

Instrument :
MSVOA_V
ClientSampleId :
A4CW2MSD

Tgt Ion: 85 Resp: 10619
Ion Ratio Lower Upper
85 100
87 32.6 25.9 38.9

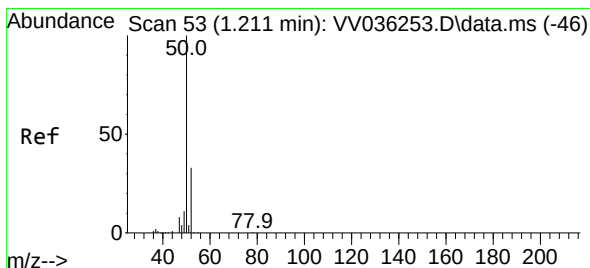
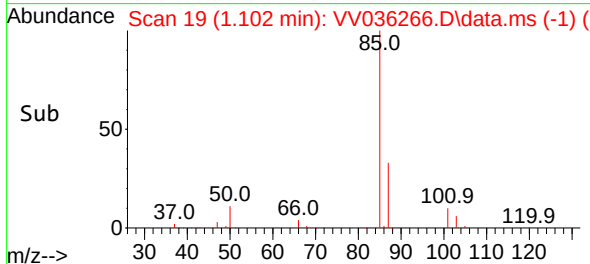
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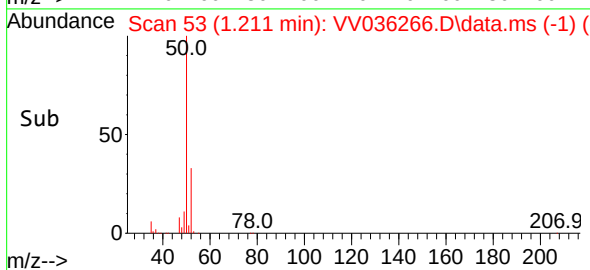
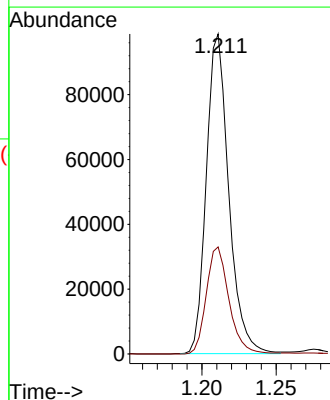
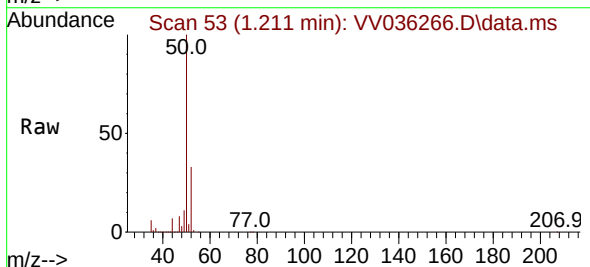
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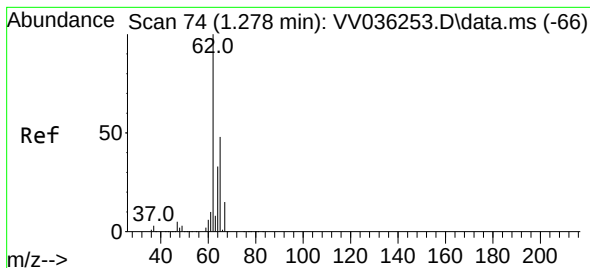
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#3
Chloromethane
Concen: 11.881 ug/L
RT: 1.211 min Scan# 53
Delta R.T. 0.000 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

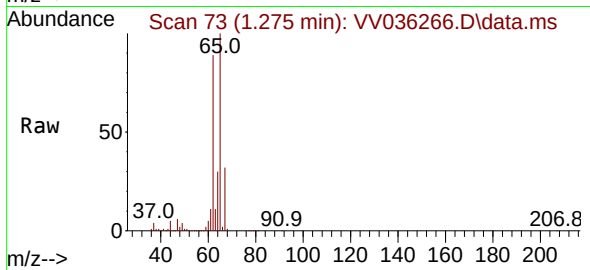
Tgt Ion: 50 Resp: 103430
Ion Ratio Lower Upper
50 100
52 33.4 22.8 42.4





#5
 Vinyl chloride
 Concen: 15.066 ug/L
 RT: 1.275 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VV036266.D
 Acq: 25 Jun 2024 00:27

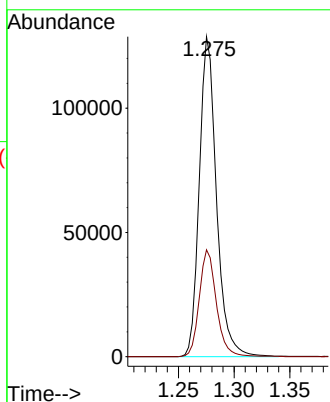
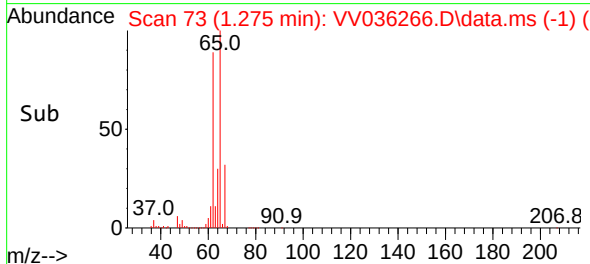
Instrument :
 MSVOA_V
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 A4CW2MSD



Tgt Ion: 62 Resp: 138070
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.9 42.5

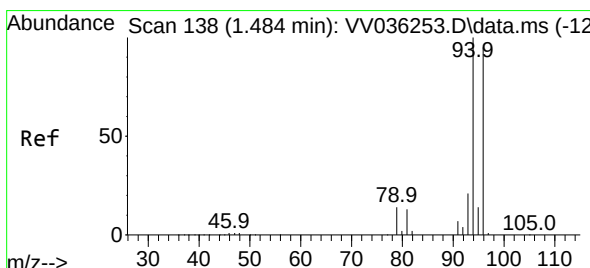
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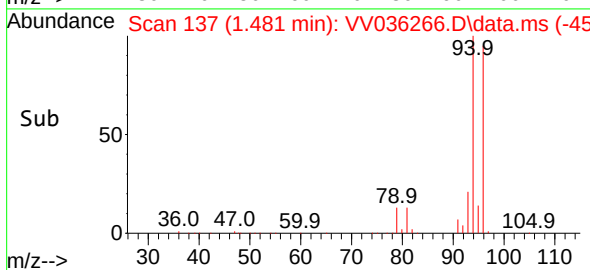
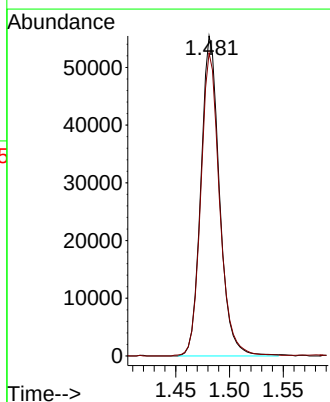
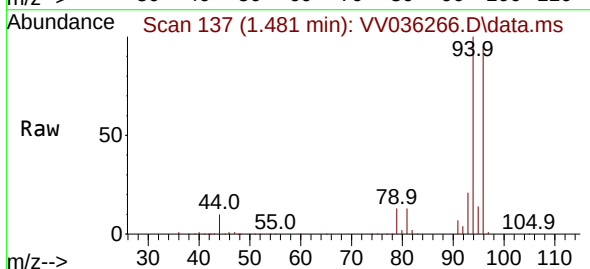
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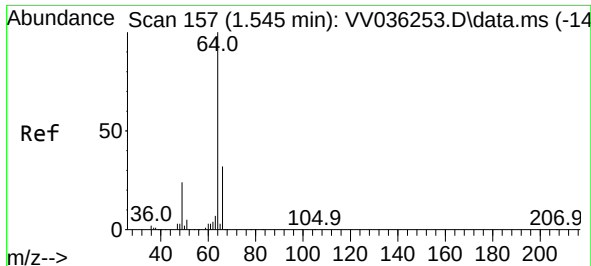
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#6
 Bromomethane
 Concen: 11.755 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. -0.003 min
 Lab File: VV036266.D
 Acq: 25 Jun 2024 00:27

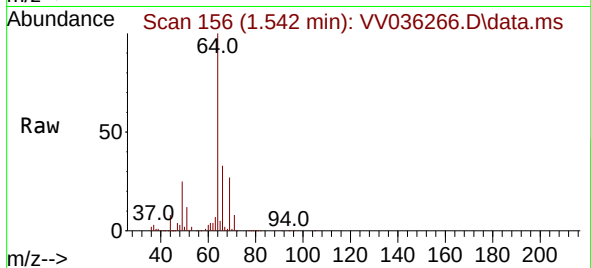
Tgt Ion: 94 Resp: 66834
 Ion Ratio Lower Upper
 94 100
 96 94.7 65.7 122.1





#8
Chloroethane
Concen: 16.072 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

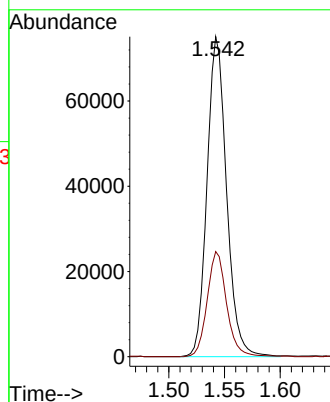
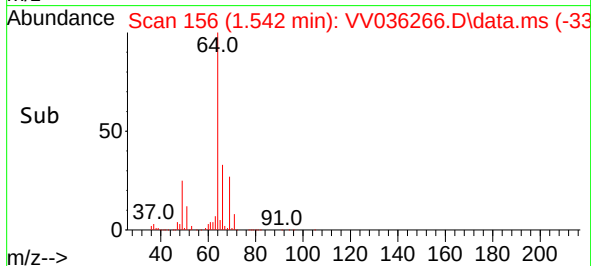
Instrument :
MSVOA_V
ClientSampleId :
A4CW2MSD



Tgt Ion: 64 Resp: 9155
Ion Ratio Lower Upper
64 100
66 32.8 22.0 41.0

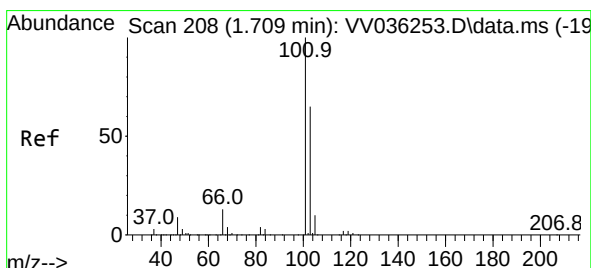
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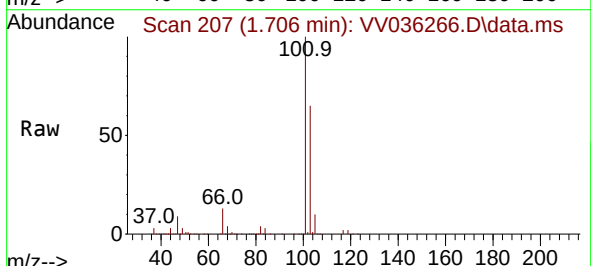


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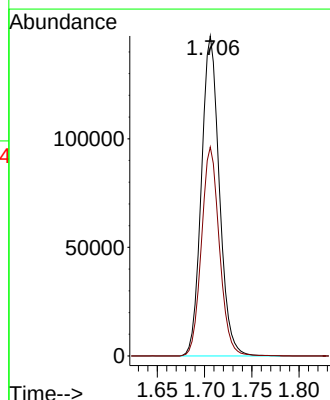
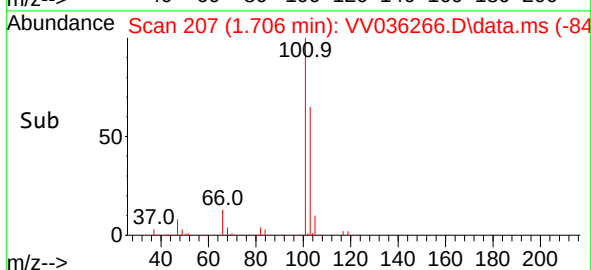
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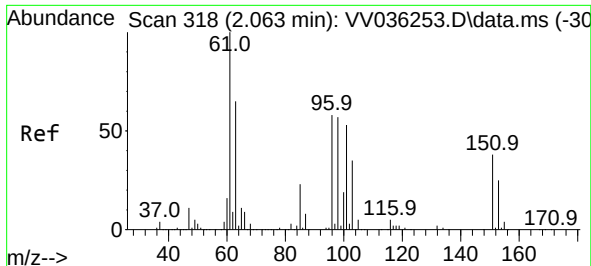


#9
Trichlorofluoromethane
Concen: 17.095 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.003 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27



Tgt Ion:101 Resp: 194563
Ion Ratio Lower Upper
101 100
103 65.1 51.8 77.8





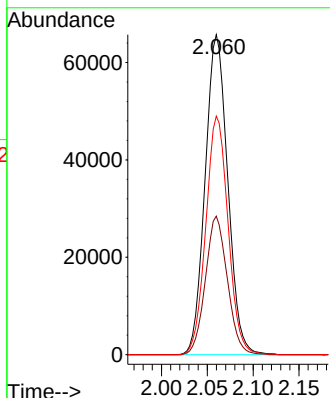
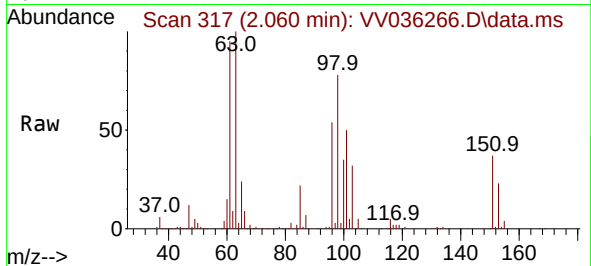
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 15.621 ug/L
RT: 2.060 min Scan# 317
Delta R.T. -0.003 min
Lab File: VV036266.D
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Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 11283
Ion Ratio Lower Upper
101 100
85 42.1 34.5 51.7
151 73.5 56.3 84.5

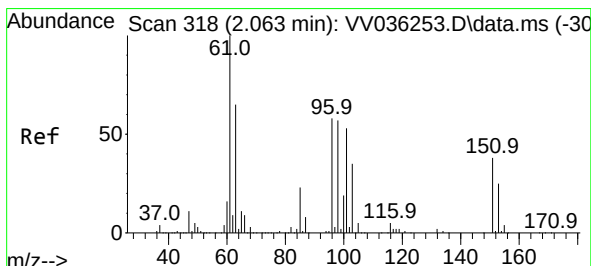
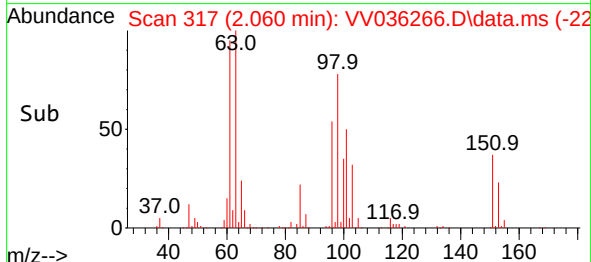
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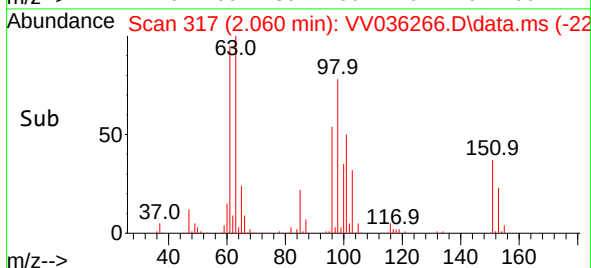
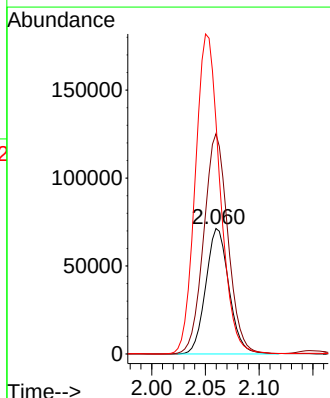
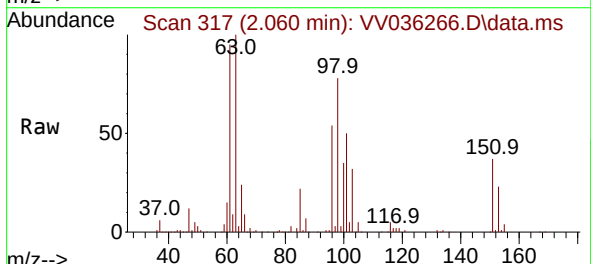
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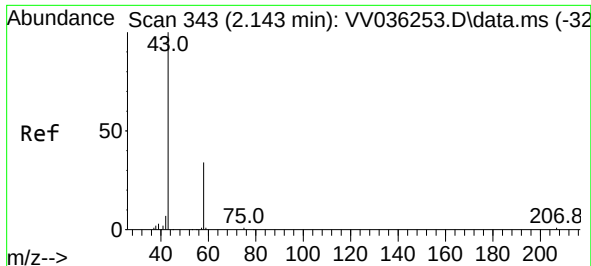
06/26/2024



#12
1,1-Dichloroethene
Concen: 15.916 ug/L
RT: 2.060 min Scan# 317
Delta R.T. -0.003 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

Tgt Ion: 96 Resp: 107223
Ion Ratio Lower Upper
96 100
61 175.4 127.3 236.3
63 185.4 93.7 173.9#





#13

Acetone

Concen: 14.411 ug/L m

RT: 2.163 min Scan# 34

Delta R.T. 0.019 min

Lab File: VV036266.D

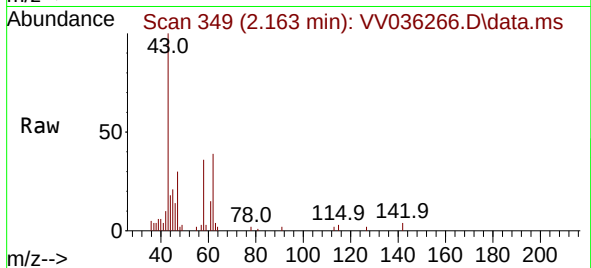
Acq: 25 Jun 2024 00:27

Instrument :

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Tgt Ion: 43 Resp: 3983

Ion Ratio Lower Upper

43 100

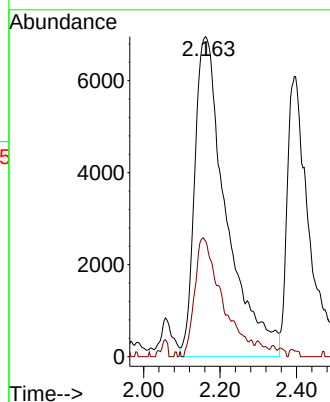
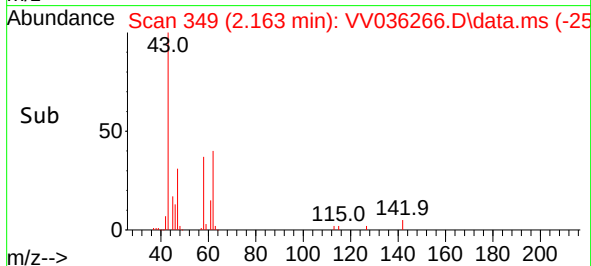
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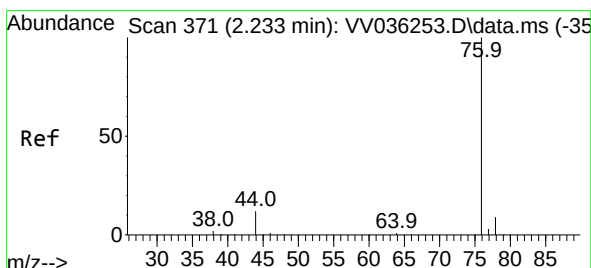


06/26/2024

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Yesilyurt

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#14

Carbon disulfide

Concen: 11.656 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.000 min

Lab File: VV036266.D

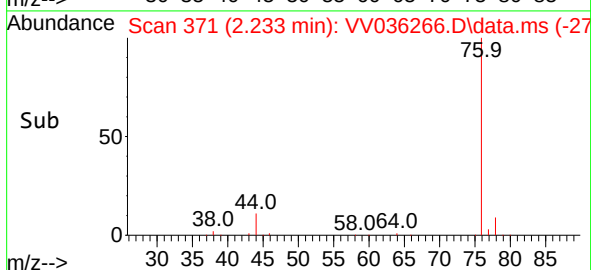
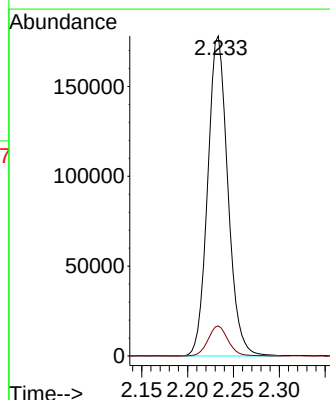
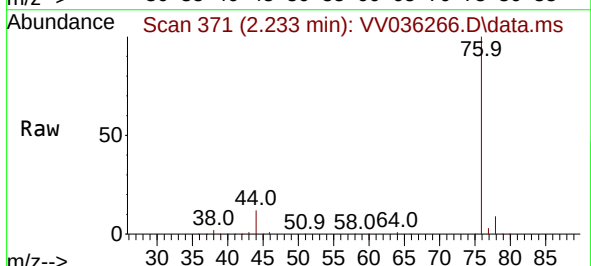
Acq: 25 Jun 2024 00:27

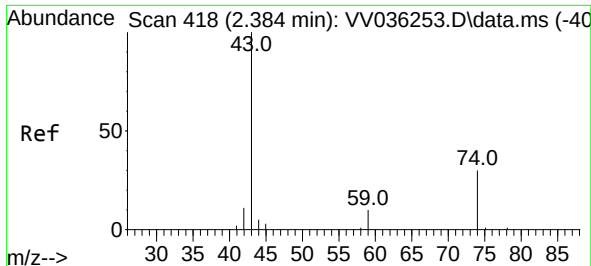
Tgt Ion: 76 Resp: 272688

Ion Ratio Lower Upper

76 100

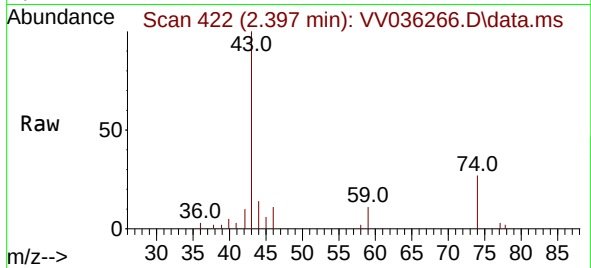
78 9.4 7.4 11.2





#15
Methyl Acetate
Concen: 7.046 ug/L m
RT: 2.397 min Scan# 431
Delta R.T. 0.013 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

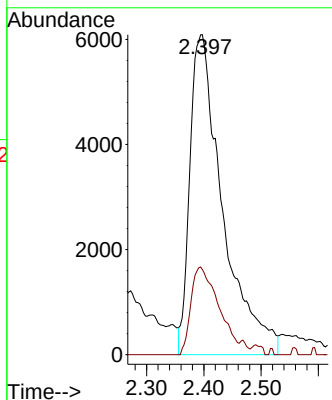
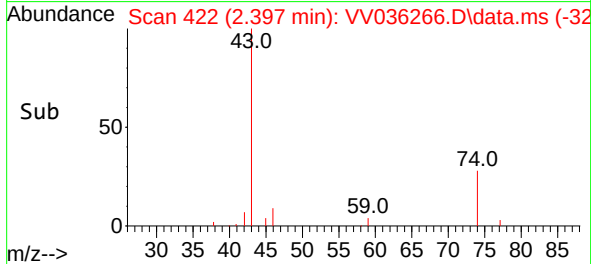
Instrument :
MSVOA_V
ClientSampleId :
A4CW2MSD



Tgt Ion: 43 Resp: 24210
Ion Ratio Lower Upper
43 100
74 23.2 21.4 32.2

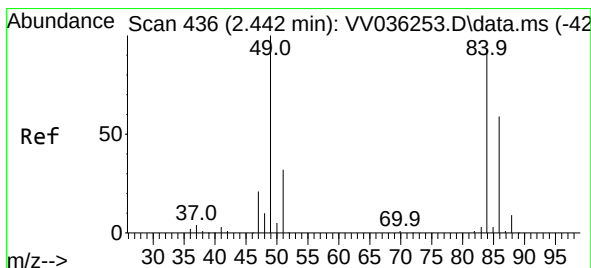
Manual Integrations
APPROVED

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



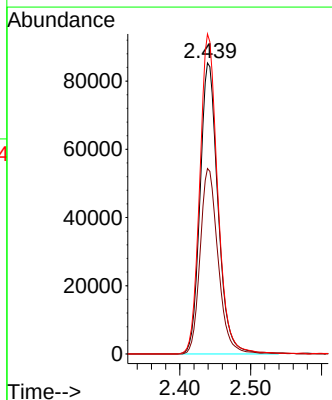
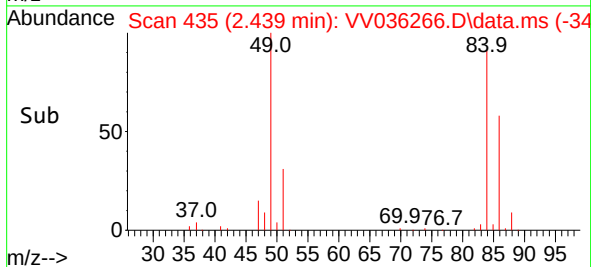
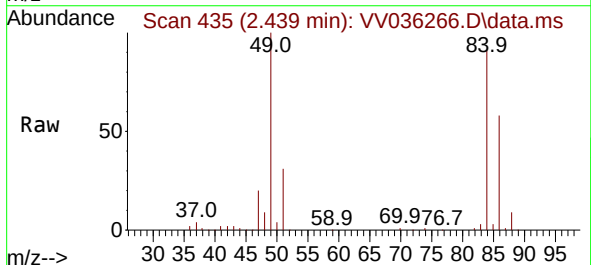
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Supervised By :Semsettin
Yesilyurt

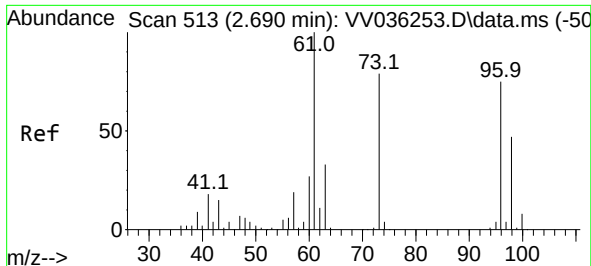
06/26/2024



#16
Methylene chloride
Concen: 15.781 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.003 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

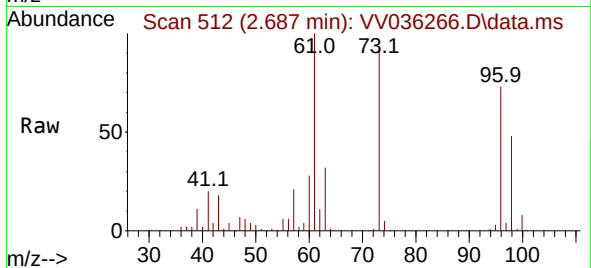
Tgt Ion: 84 Resp: 150226
Ion Ratio Lower Upper
84 100
86 63.7 44.6 82.8
49 109.9 81.1 150.5





#17
trans-1,2-Dichloroethene
Concen: 14.637 ug/L
RT: 2.687 min Scan# 513
Delta R.T. -0.003 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

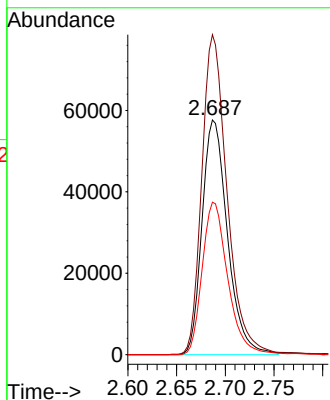
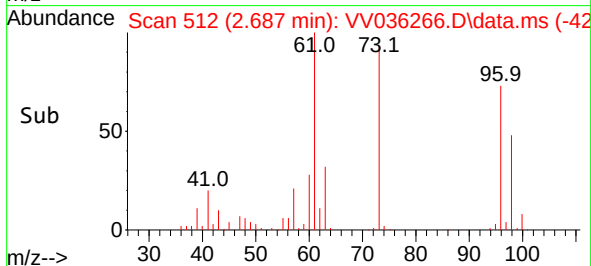
Instrument :
MSVOA_V
ClientSampleId :
A4CW2MSD



Tgt Ion: 96 Resp: 10474
Ion Ratio Lower Upper
96 100
61 136.4 99.4 184.6
98 65.0 44.9 83.3

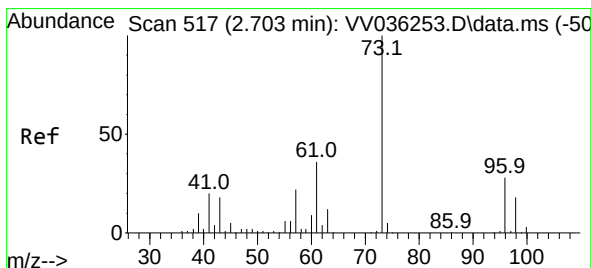
Manual Integrations
APPROVED

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



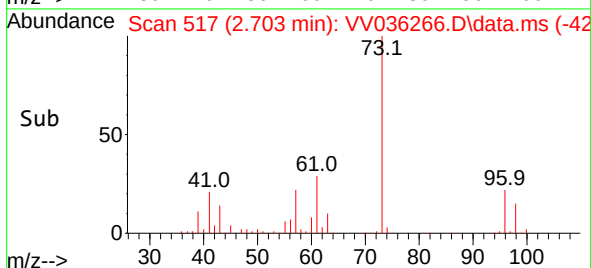
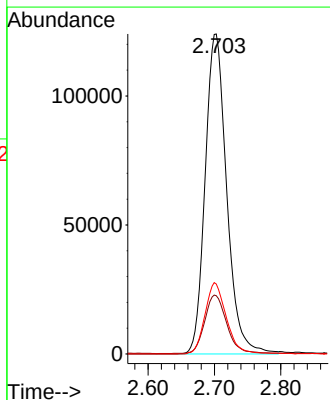
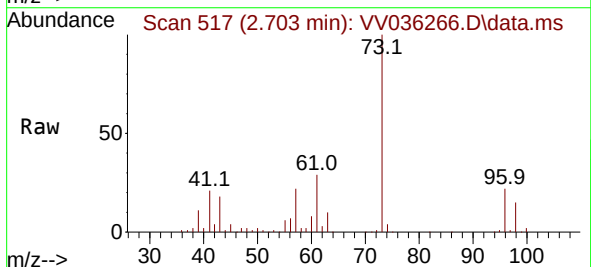
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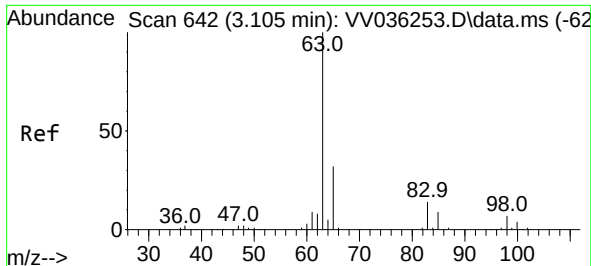
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#18
Methyl tert-butyl Ether
Concen: 17.442 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

Tgt Ion: 73 Resp: 280210
Ion Ratio Lower Upper
73 100
43 18.4 14.3 21.5
57 22.0 17.8 26.6





#19

1,1-Dichloroethane

Concen: 16.250 ug/L

RT: 3.105 min Scan# 642

Delta R.T. 0.000 min

Lab File: VV036266.D

Acq: 25 Jun 2024 00:27

Instrument :

MSVOA_V

ClientSampleId :

A4CW2MSD

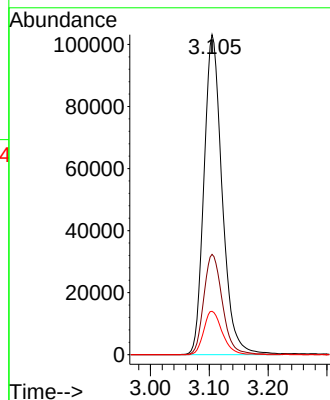
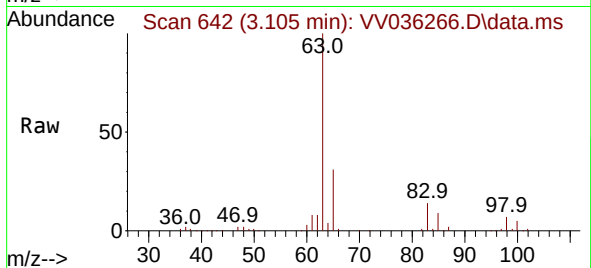
Tgt Ion: 63 Resp: 221458

Ion	Ratio	Lower	Upper
63	100		
65	31.4	22.4	41.6
83	13.6	9.2	17.0

Manual Integrations

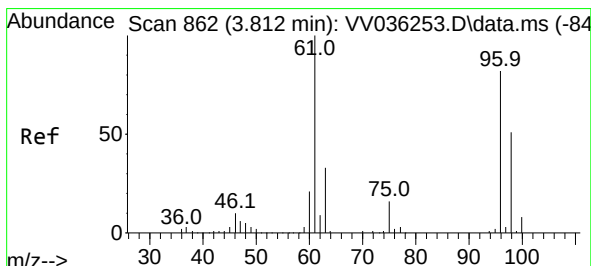
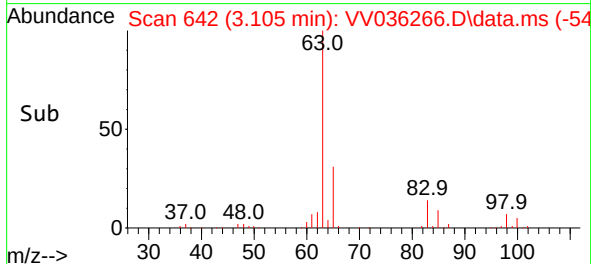
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Supervised By :Semsettin Yesilyurt 06/26/2024



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#20

cis-1,2-Dichloroethene

Concen: 15.294 ug/L

RT: 3.812 min Scan# 862

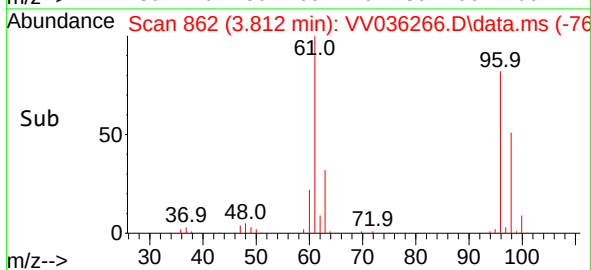
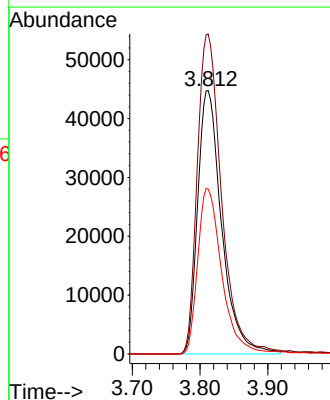
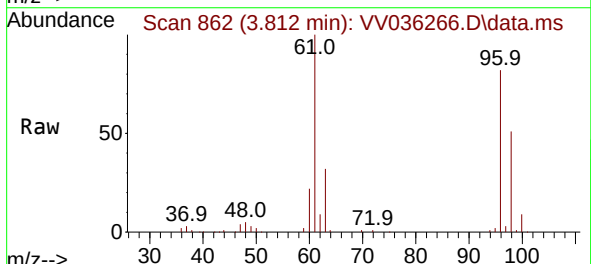
Delta R.T. 0.000 min

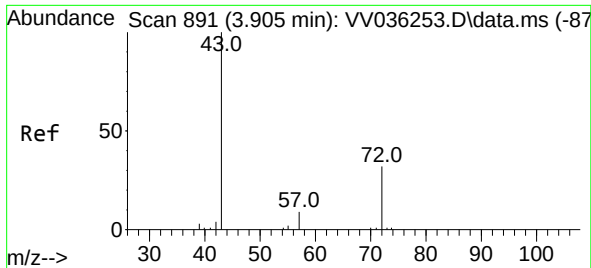
Lab File: VV036266.D

Acq: 25 Jun 2024 00:27

Tgt Ion: 96 Resp: 109973

Ion	Ratio	Lower	Upper
96	100		
61	121.5	87.9	163.3
98	62.5	44.4	82.5





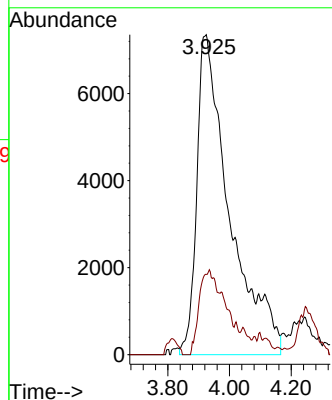
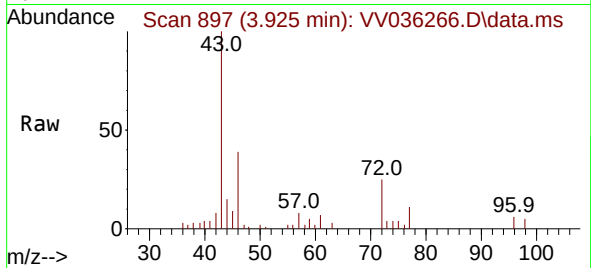
#22
2-Butanone
Concen: 23.141 ug/L m
RT: 3.925 min Scan# 891
Delta R.T. 0.019 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

Instrument :
MSVOA_V
ClientSampleId :
A4CW2MSD

Tgt Ion: 43 Resp: 54278
Ion Ratio Lower Upper
43 100
72 0.2 8.2 24.4

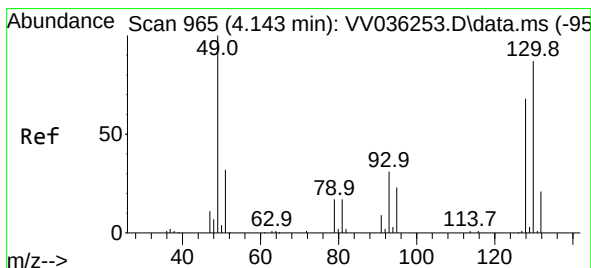
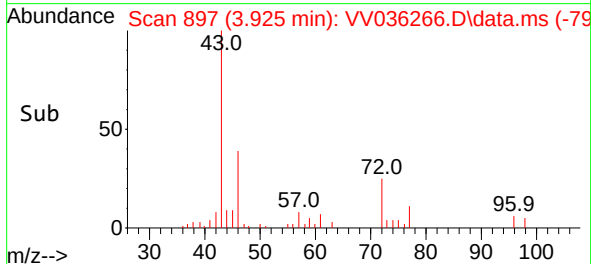
Manual Integrations
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Supervised By :Semsettin Yesilyurt 06/26/2024



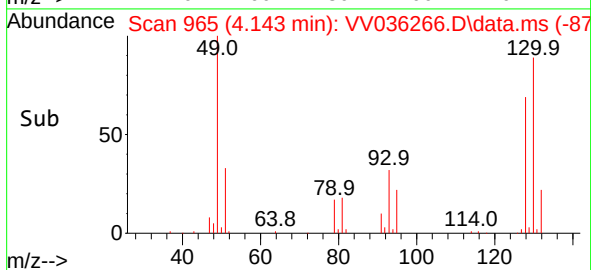
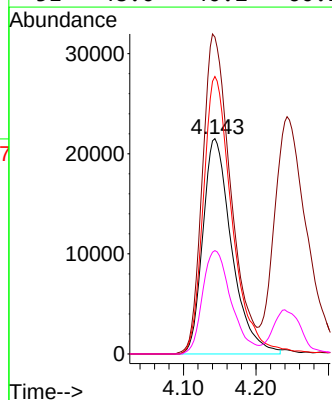
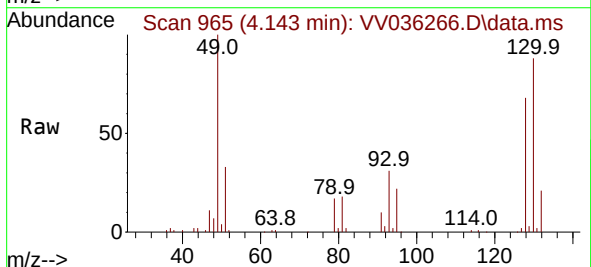
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Yesilyurt

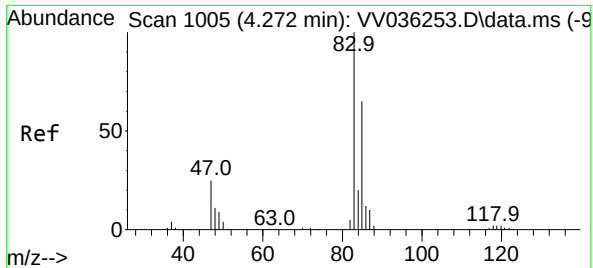
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#23
Bromochloromethane
Concen: 16.433 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.000 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

Tgt Ion:128 Resp: 59271
Ion Ratio Lower Upper
128 100
49 147.2 110.2 204.6
130 128.9 90.2 167.4
51 48.0 40.2 60.2





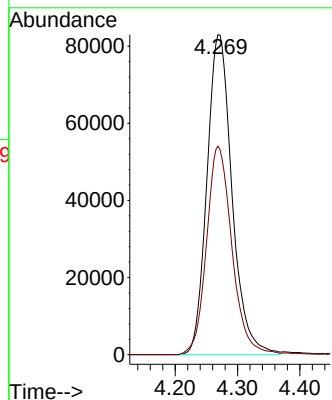
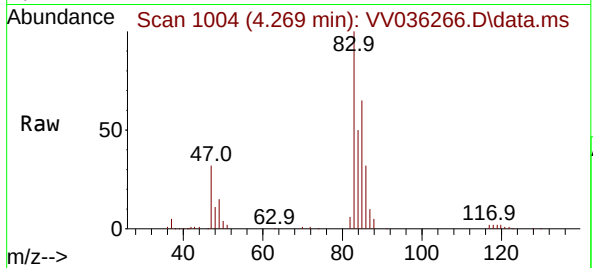
#25
Chloroform
Concen: 16.541 ug/L
RT: 4.269 min Scan# 1004
Delta R.T. -0.003 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

Instrument :
MSVOA_V
ClientSampleId :
A4CW2MSD

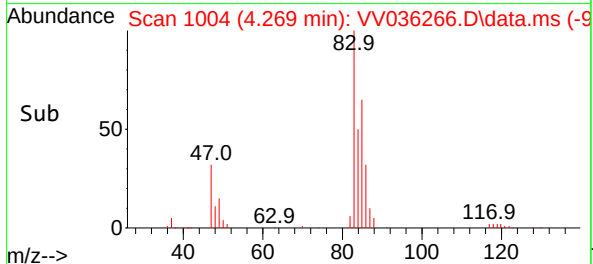
Tgt Ion: 83 Resp: 231880
Ion Ratio Lower Upper
83 100
85 65.1 45.2 84.0

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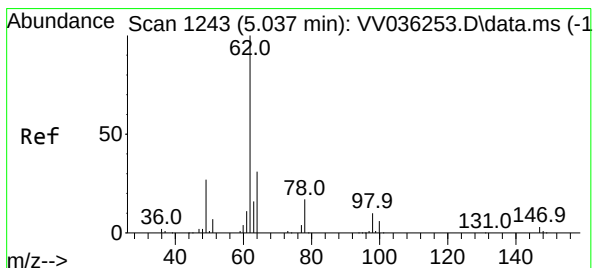
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024



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Supervised By :Semsettin
Yesilyurt

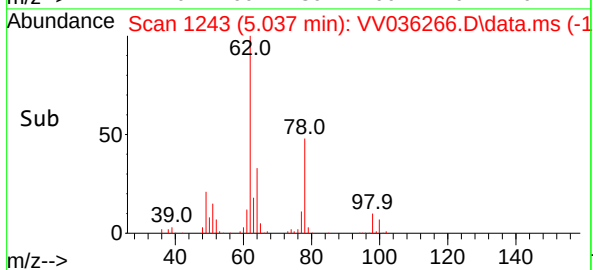
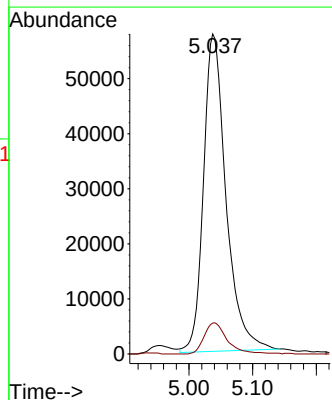
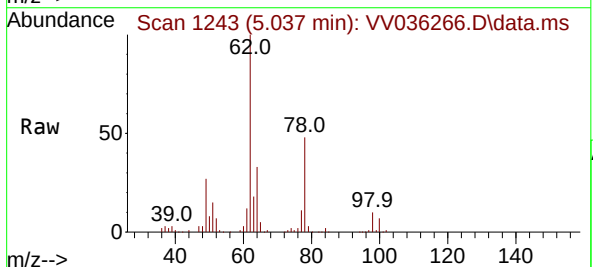


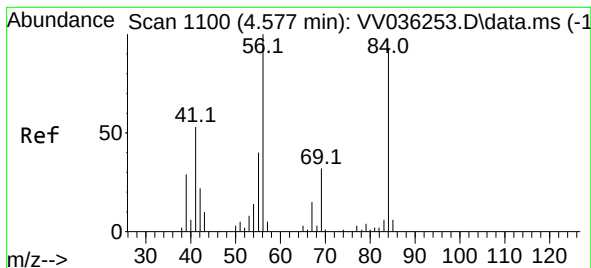
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#27
1,2-Dichloroethane
Concen: 16.196 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

Tgt Ion: 62 Resp: 141749
Ion Ratio Lower Upper
62 100
98 9.6 7.8 11.6





#29

Cyclohexane

Concen: 14.043 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VV036266.D

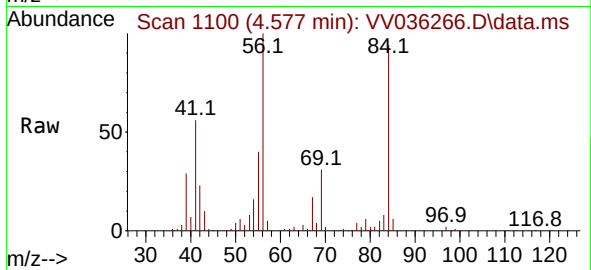
Acq: 25 Jun 2024 00:27

Instrument :

MSVOA_V

ClientSampleId :

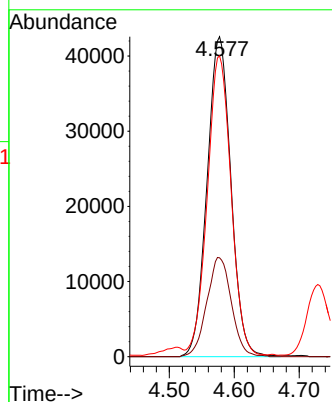
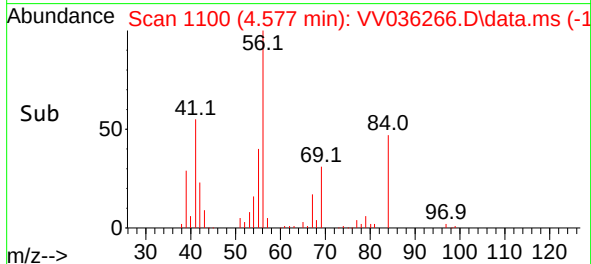
A4CW2MSD



Tgt Ion:	56	Resp:	108560
Ion Ratio	Lower	Upper	
56	100		
69	31.9	25.2	37.8
84	93.1	72.2	108.2

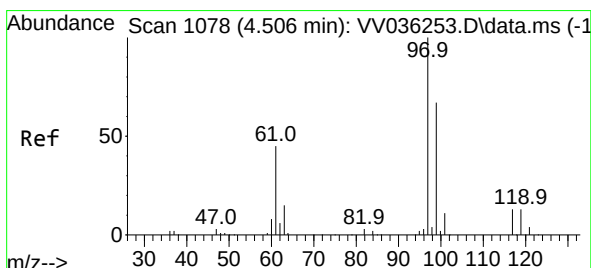
Manual Integrations
APPROVED

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

06/26/2024



#30

1,1,1-Trichloroethane

Concen: 20.497 ug/L

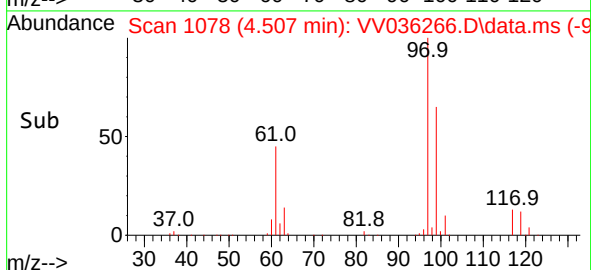
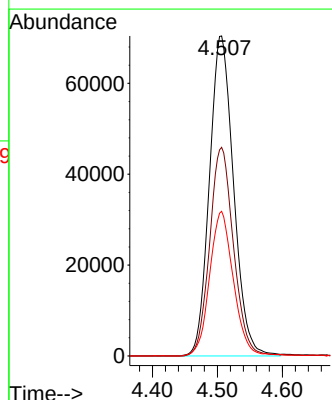
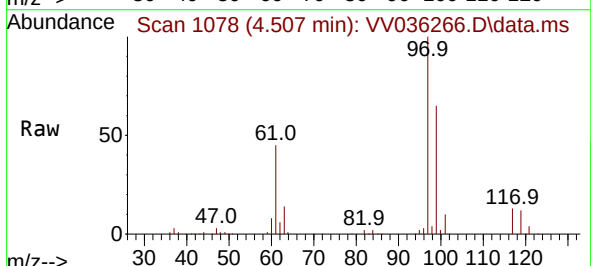
RT: 4.507 min Scan# 1078

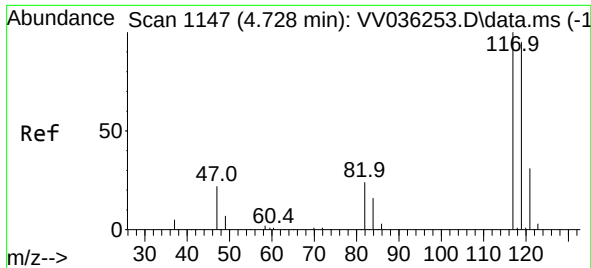
Delta R.T. 0.000 min

Lab File: VV036266.D

Acq: 25 Jun 2024 00:27

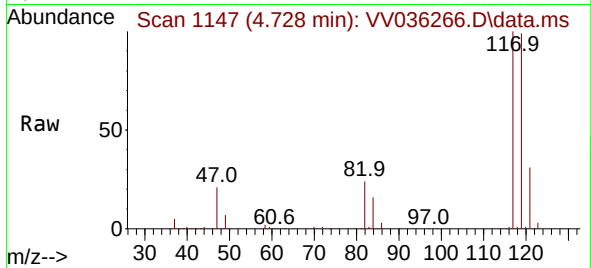
Tgt Ion:	97	Resp:	181931
Ion Ratio	Lower	Upper	
97	100		
99	64.4	50.9	76.3
61	44.2	35.0	52.6





#31
Carbon tetrachloride
Concen: 18.831 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. 0.000 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

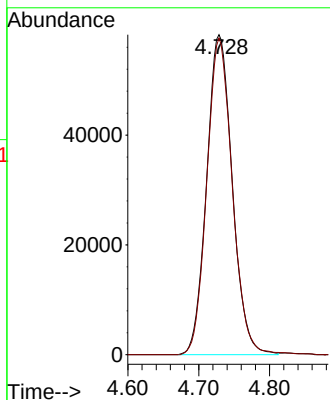
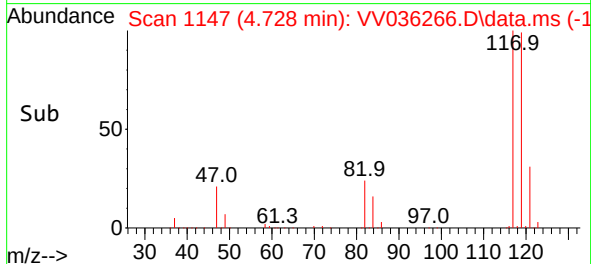
Instrument :
MSVOA_V
ClientSampleId :
A4CW2MSD



Tgt Ion:117 Resp: 14663
Ion Ratio Lower Upper
117 100
119 98.2 76.8 115.2

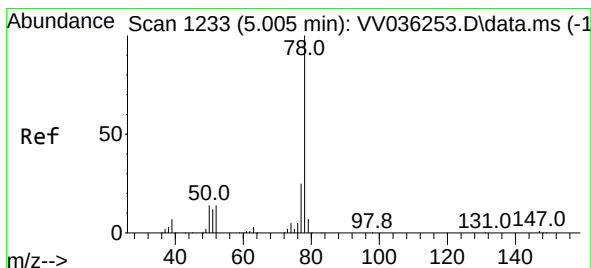
Manual Integrations
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Supervised By :Semsettin Yesilyurt 06/26/2024



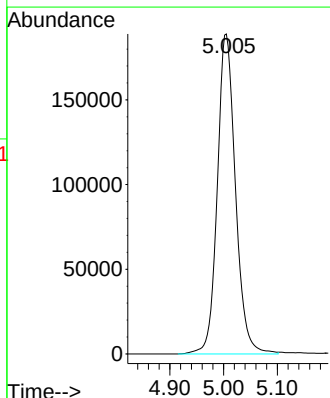
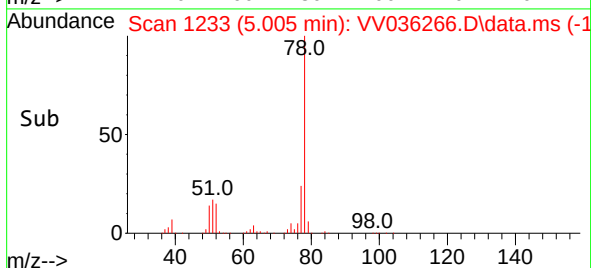
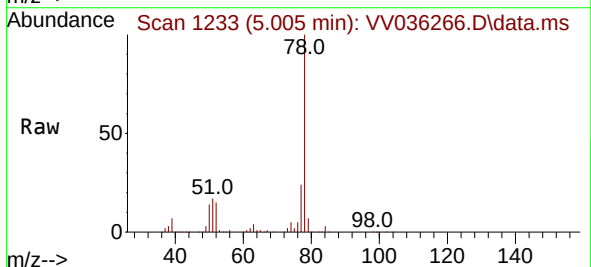
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Yesilyurt

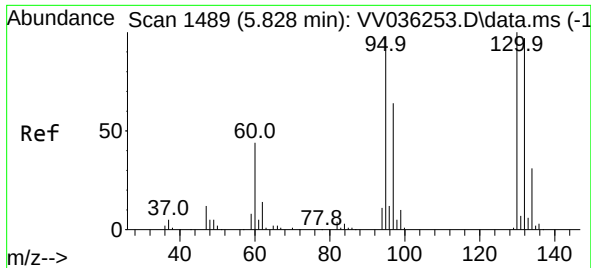
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#33
Benzene
Concen: 20.903 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

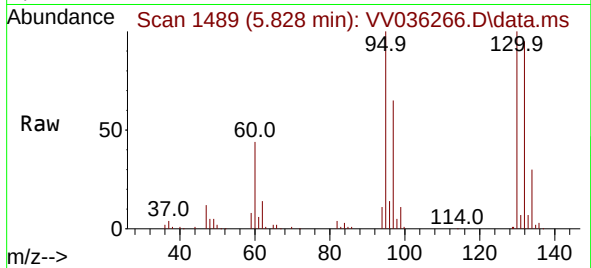
Tgt Ion: 78 Resp: 443875





#34
Trichloroethene
Concen: 17.372 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

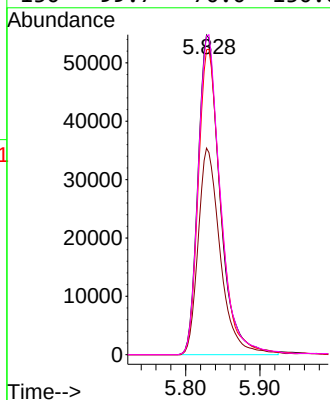
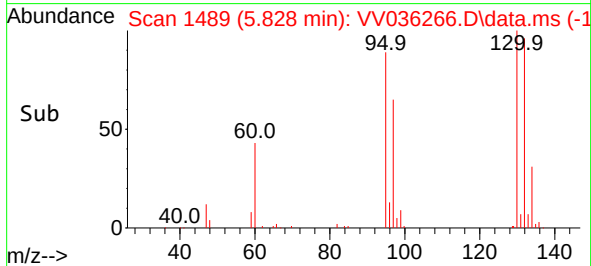
Instrument :
MSVOA_V
ClientSampleId :
A4CW2MSD



Tgt Ion: 95 Resp: 11305
Ion Ratio Lower Upper
95 100
97 64.6 44.8 83.2
132 95.3 66.8 124.2
130 99.7 70.0 130.0

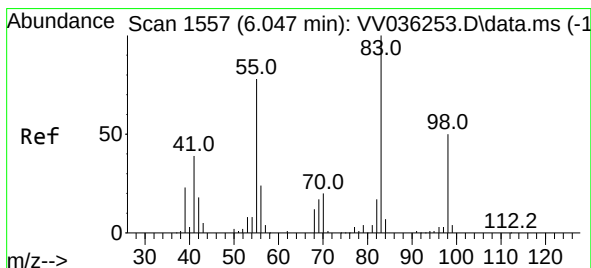
Manual Integrations
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Supervised By :Semsettin Yesilyurt 06/26/2024

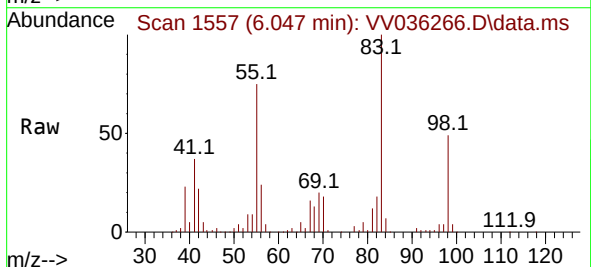


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Yesilyurt

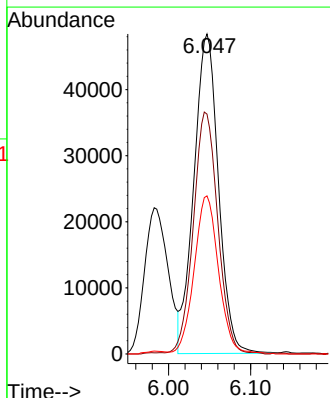
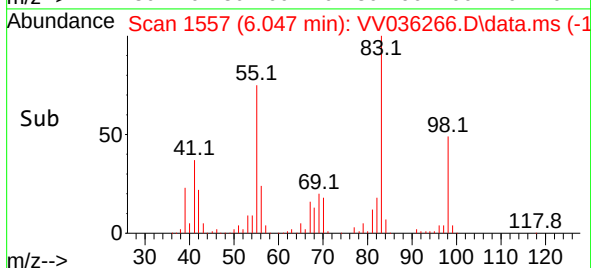
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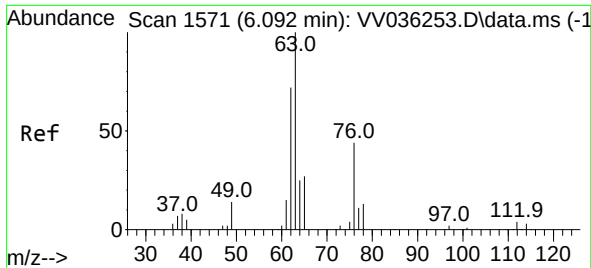


#35
Methylcyclohexane
Concen: 11.178 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27



Tgt Ion: 83 Resp: 100603
Ion Ratio Lower Upper
83 100
55 74.7 60.7 91.1
98 49.2 38.7 58.1





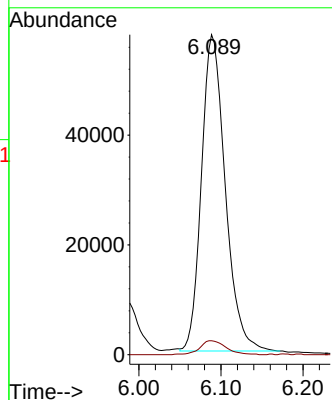
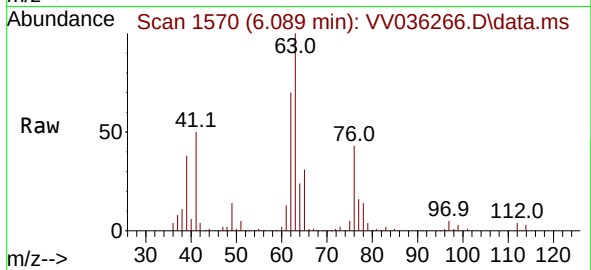
#37
1,2-Dichloropropane
Concen: 20.810 ug/L
RT: 6.089 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

Instrument :
MSVOA_V
ClientSampleId :
A4CW2MSD

Tgt Ion: 63 Resp: 116030
Ion Ratio Lower Upper
63 100
112 4.5 3.5 5.3

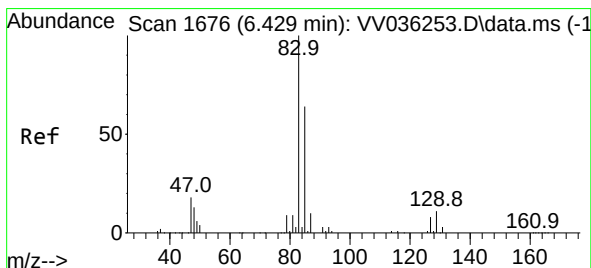
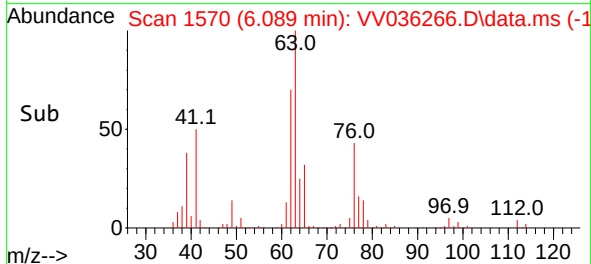
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Supervised By :Semsettin Yesilyurt 06/26/2024



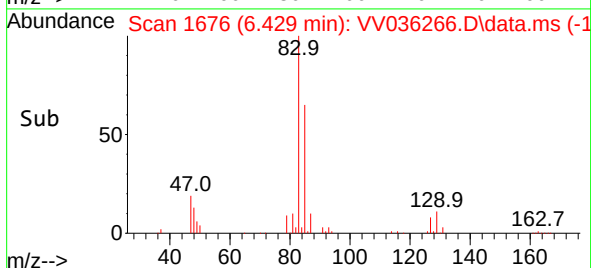
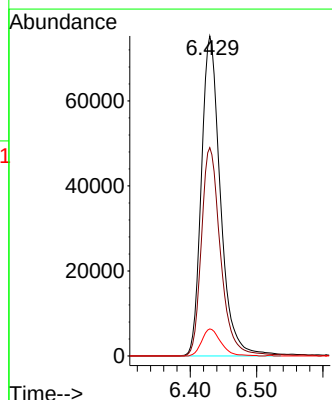
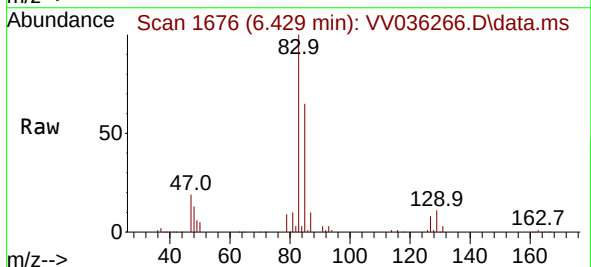
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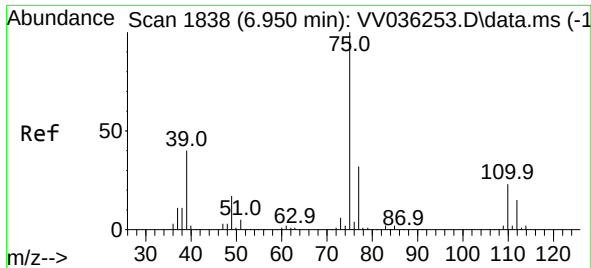
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#38
Bromodichloromethane
Concen: 20.400 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

Tgt Ion: 83 Resp: 150552
Ion Ratio Lower Upper
83 100
85 65.1 45.3 84.1
127 8.5 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 11.256 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. 0.003 min

Lab File: VV036266.D

Acq: 25 Jun 2024 00:27

Instrument :

MSVOA_V

ClientSampleId :

A4CW2MSD

Tgt Ion: 75 Resp: 9386

Ion Ratio Lower Upper

75 100

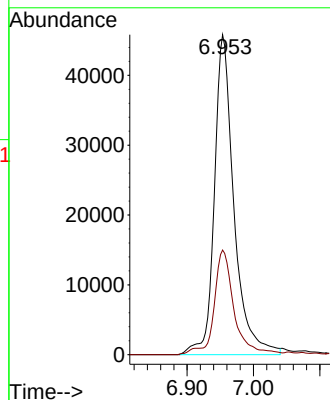
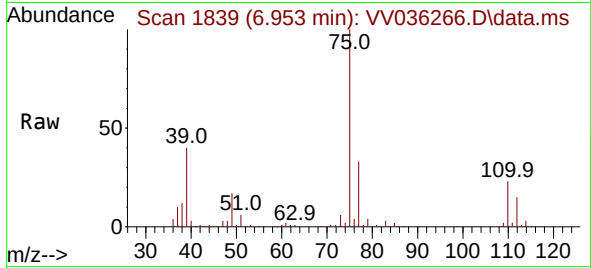
77 32.7 22.1 41.1

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Supervised By :Semsettin Yesilyurt 06/26/2024

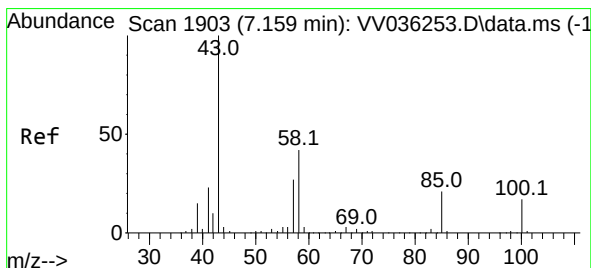
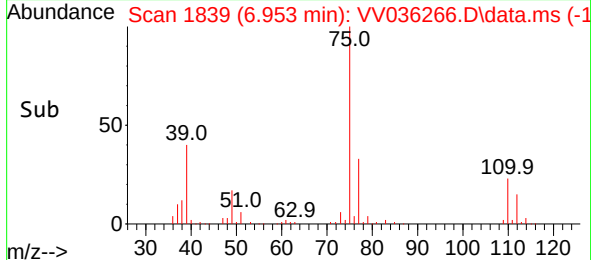


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#40

4-Methyl-2-pentanone

Concen: 33.085 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV036266.D

Acq: 25 Jun 2024 00:27

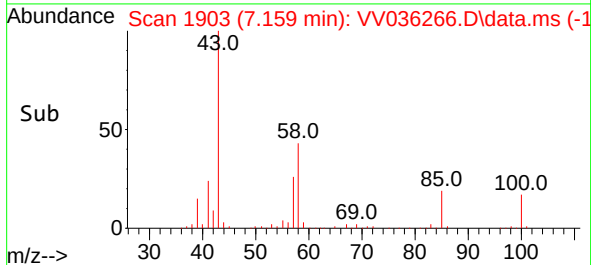
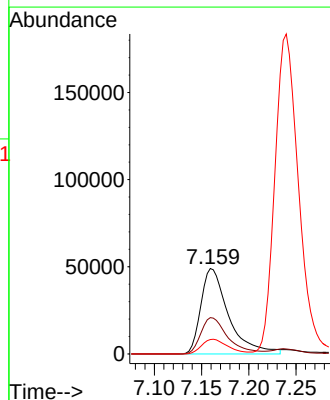
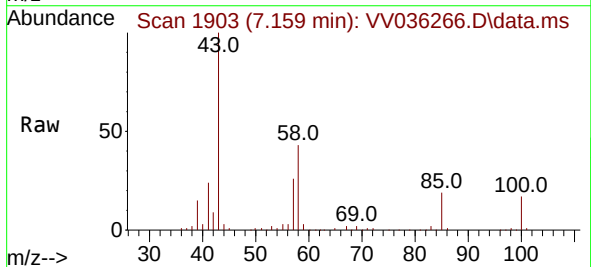
Tgt Ion: 43 Resp: 100225

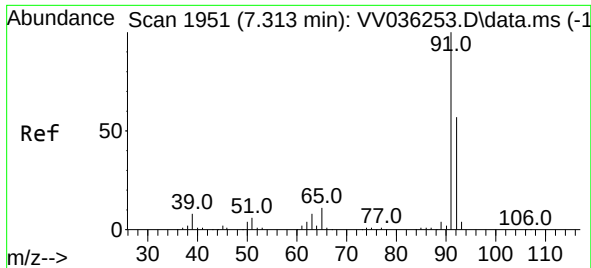
Ion Ratio Lower Upper

43 100

58 41.2 32.5 48.7

100 16.4 12.5 18.7





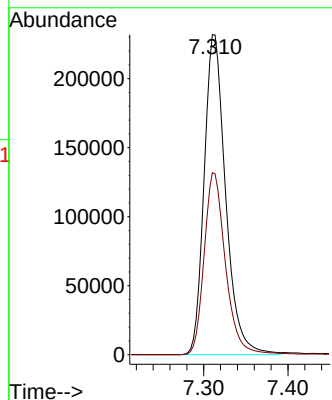
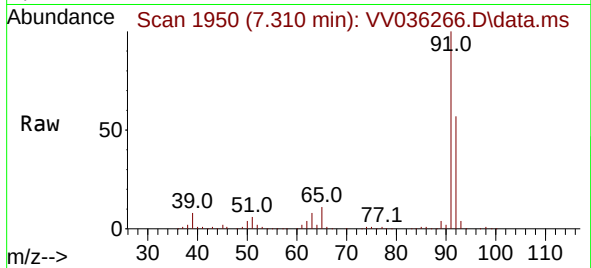
#42
Toluene
Concen: 18.977 ug/L
RT: 7.310 min Scan# 1951
Delta R.T. -0.003 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

Instrument : MSVOA_V
ClientSampleId : A4CW2MSD

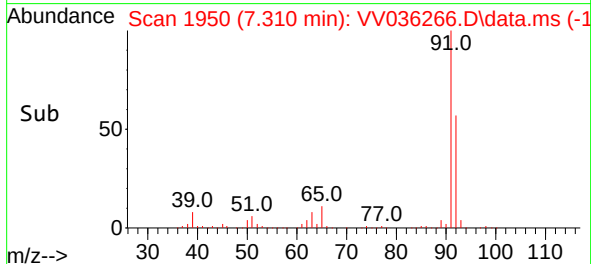
Tgt Ion: 91 Resp: 411759
Ion Ratio Lower Upper
91 100
92 56.8 40.6 75.4

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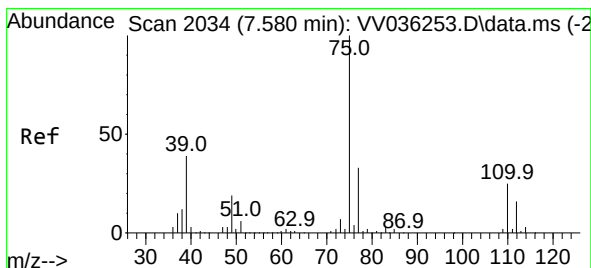
Reviewed By :Mahesh Dadoda 06/26/2024
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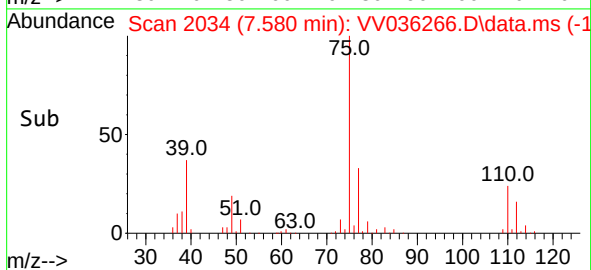
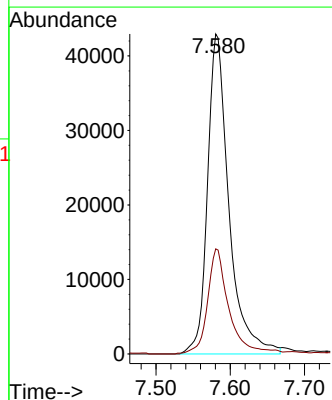
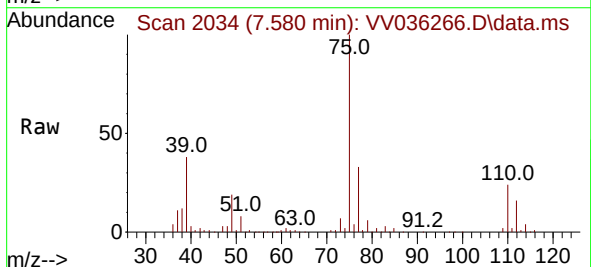


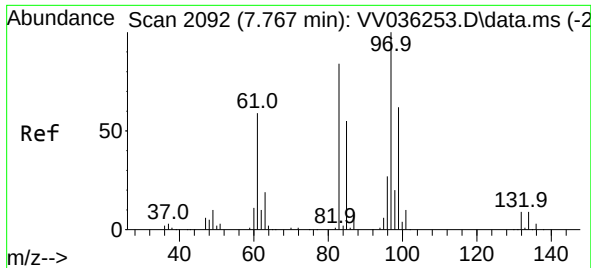
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#44
trans-1,3-Dichloropropene
Concen: 11.922 ug/L
RT: 7.580 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

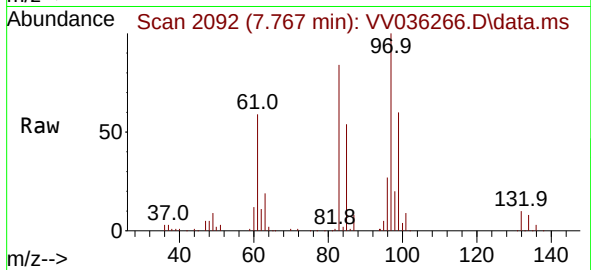
Tgt Ion: 75 Resp: 85877
Ion Ratio Lower Upper
75 100
77 32.9 23.1 42.9





#45
1,1,2-Trichloroethane
Concen: 19.769 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

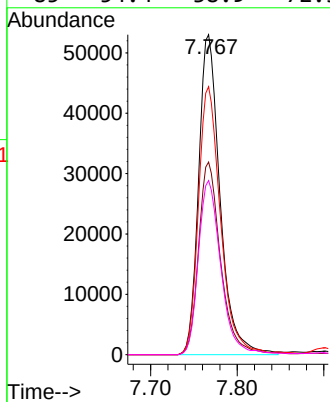
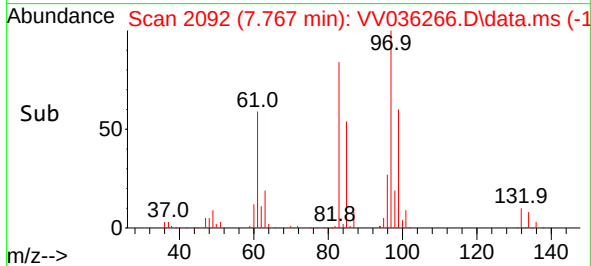
Instrument :
MSVOA_V
ClientSampleId :
A4CW2MSD



Tgt Ion:	97	Resp:	91204
Ion	Ratio	Lower	Upper
97	100		
99	60.2	43.3	80.5
83	83.7	60.1	111.7
85	54.4	38.9	72.3

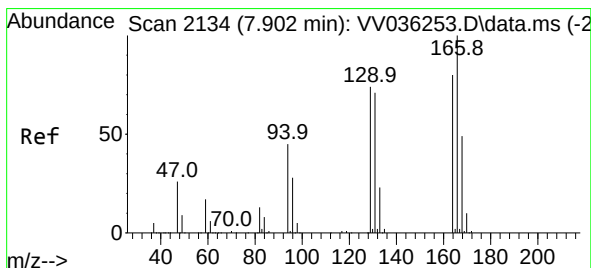
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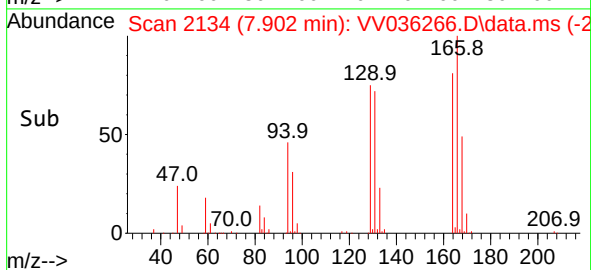
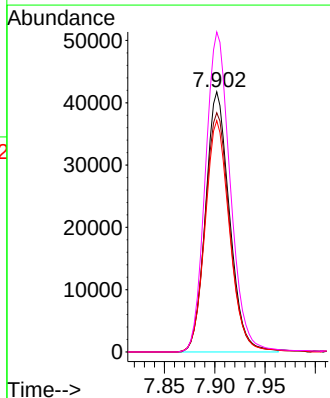
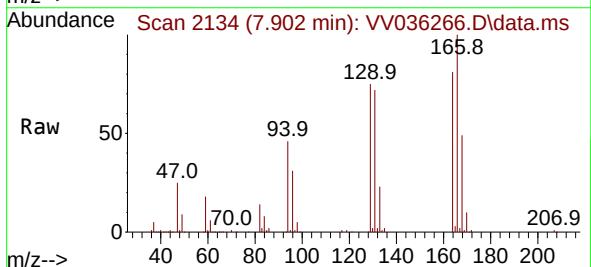
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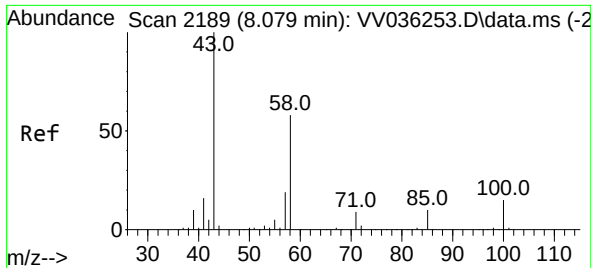
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#46
Tetrachloroethene
Concen: 14.551 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

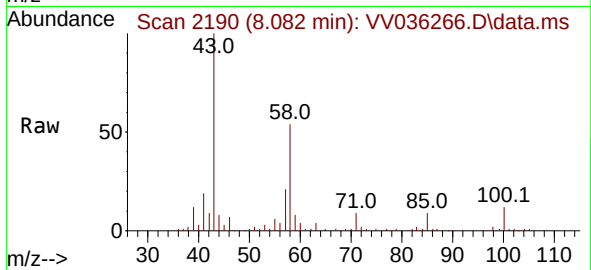
Tgt Ion:	164	Resp:	69260
Ion	Ratio	Lower	Upper
164	100		
129	92.0	64.6	120.0
131	88.9	63.2	117.4
166	123.0	89.5	166.3





#48
2-Hexanone
Concen: 23.866 ug/L
RT: 8.082 min Scan# 2189
Delta R.T. 0.003 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

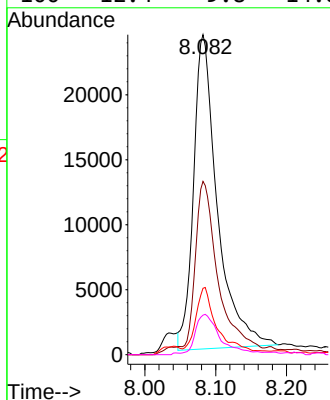
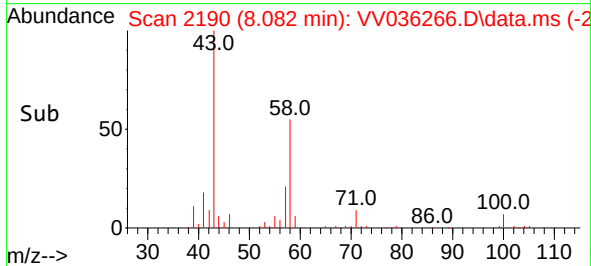
Instrument :
MSVOA_V
ClientSampleId :
A4CW2MSD



Tgt Ion: 43 Resp: 5652
Ion Ratio Lower Upper
43 100
58 51.6 45.4 68.0
57 14.1 15.8 23.8
100 12.4 9.8 14.8

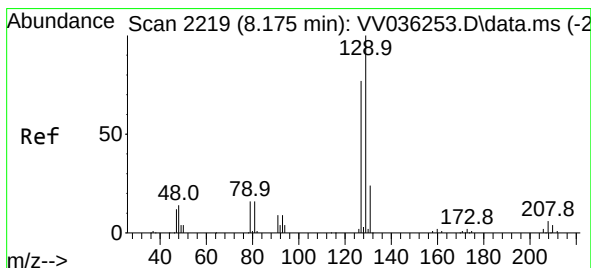
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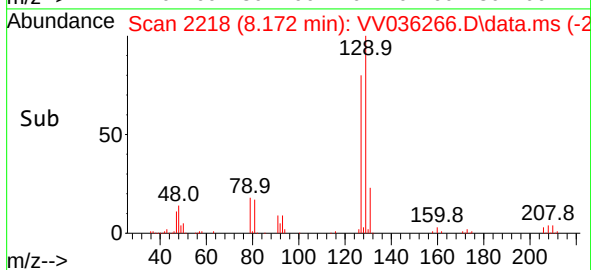
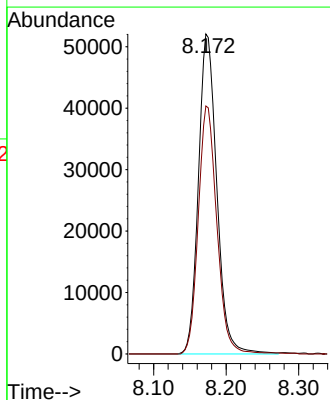
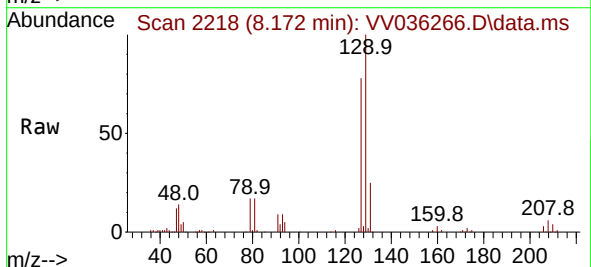
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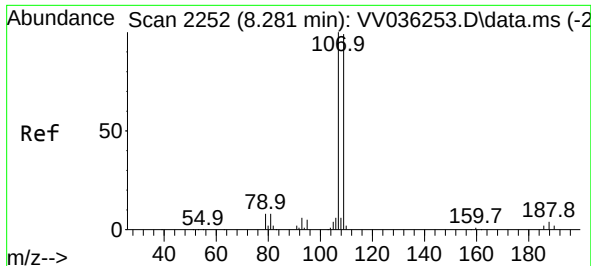
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#49
Dibromochloromethane
Concen: 18.167 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.003 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

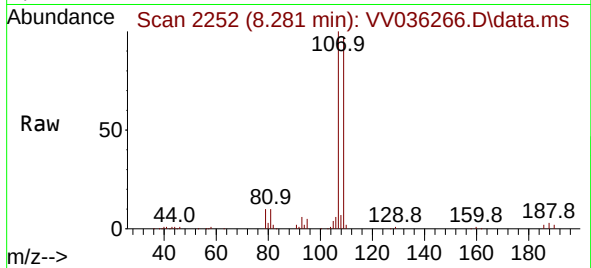
Tgt Ion:129 Resp: 91729
Ion Ratio Lower Upper
129 100
127 77.5 53.9 100.1





#50
1,2-Dibromoethane
Concen: 15.710 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

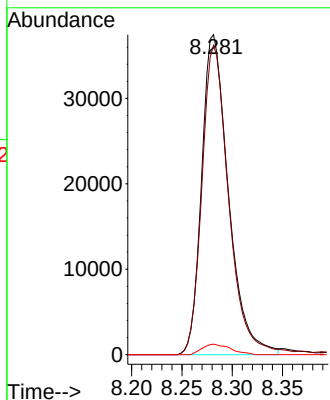
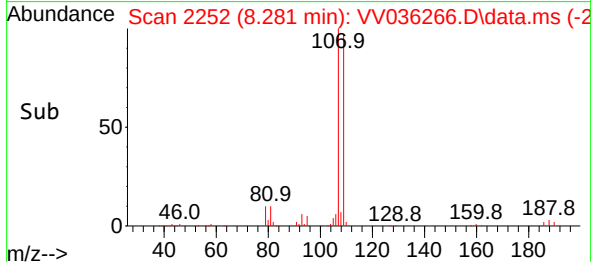
Instrument :
MSVOA_V
ClientSampleId :
A4CW2MSD



Tgt Ion:107 Resp: 69540
Ion Ratio Lower Upper
107 100
109 96.6 66.1 122.7
188 3.3 3.0 4.6

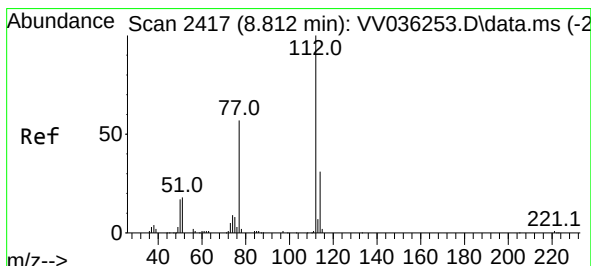
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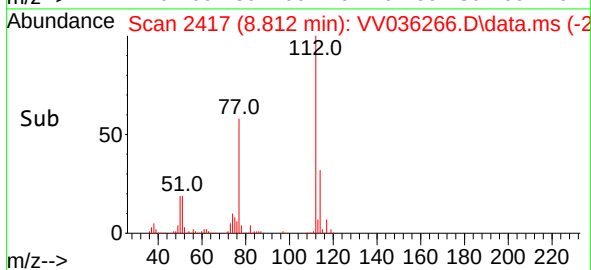
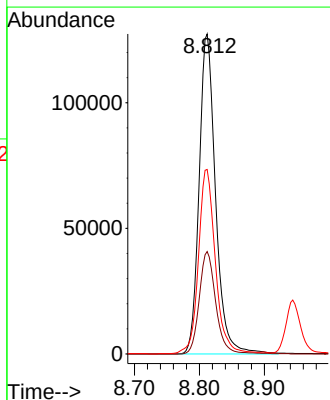
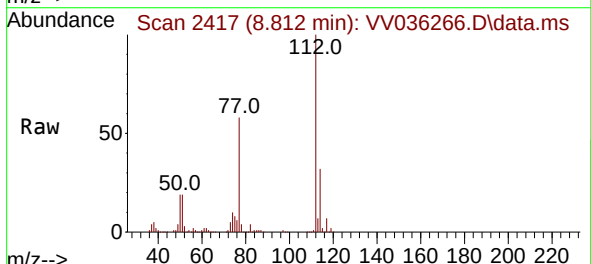
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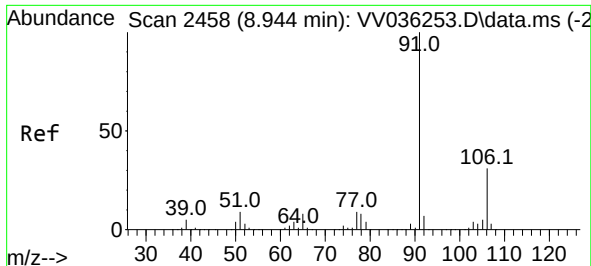
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#51
Chlorobenzene
Concen: 15.206 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

Tgt Ion:112 Resp: 224804
Ion Ratio Lower Upper
112 100
114 32.0 22.3 41.5
77 57.6 47.3 70.9





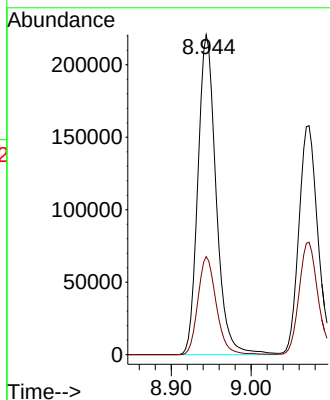
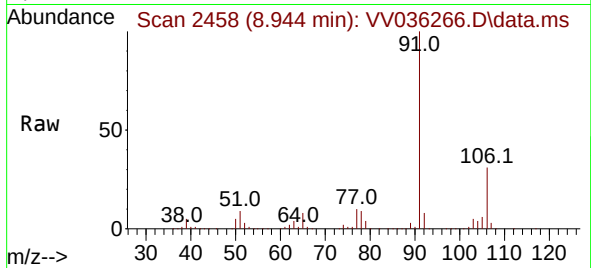
#52
Ethylbenzene
Concen: 15.113 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

Instrument :
MSVOA_V
ClientSampleId :
A4CW2MSD

Tgt Ion: 91 Resp: 350839
Ion Ratio Lower Upper
91 100
106 30.6 21.6 40.0

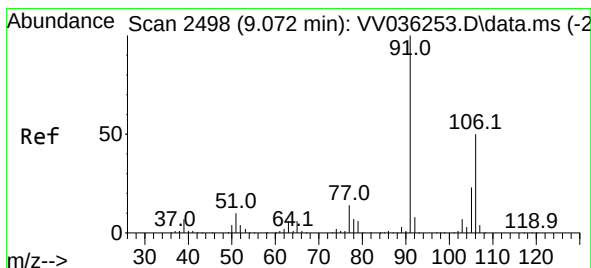
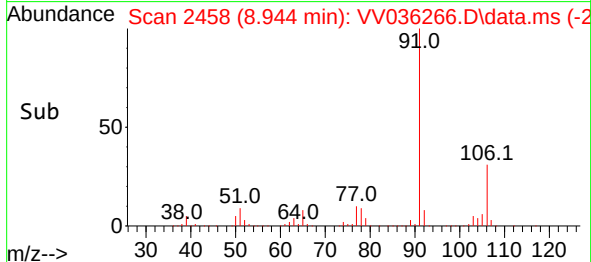
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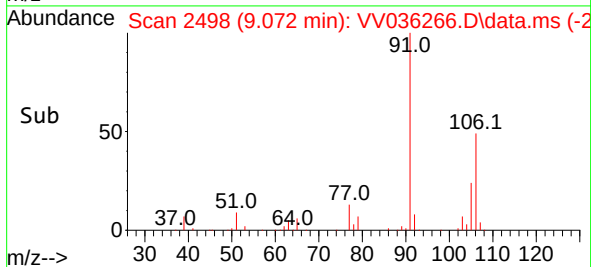
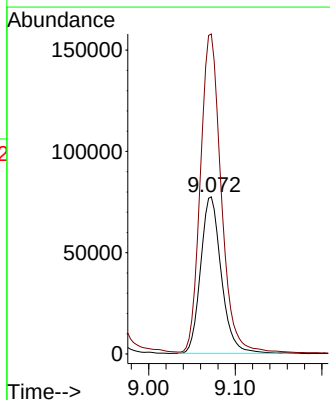
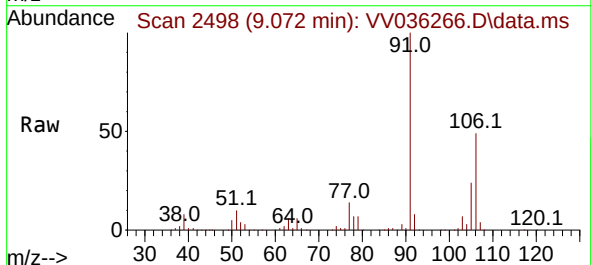
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Yesilyurt

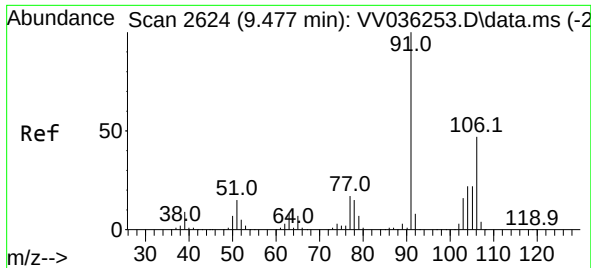
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#53
m,p-Xylene
Concen: 14.665 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

Tgt Ion:106 Resp: 127917
Ion Ratio Lower Upper
106 100
91 203.7 143.1 265.9





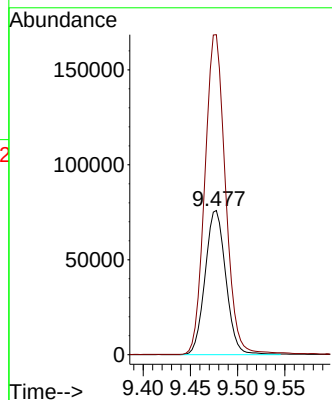
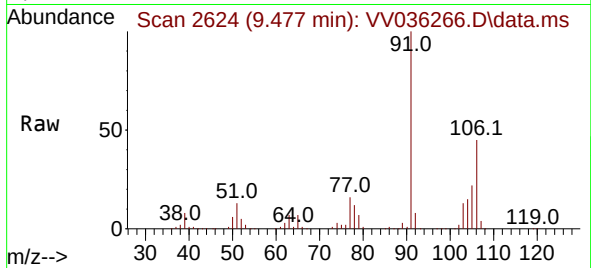
#54
o-Xylene
Concen: 14.107 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

Instrument :
MSVOA_V
ClientSampleId :
A4CW2MSD

Tgt Ion:106 Resp: 11604
Ion Ratio Lower Upper
106 100
91 222.0 154.5 286.9

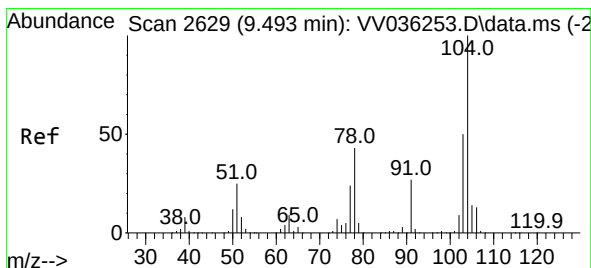
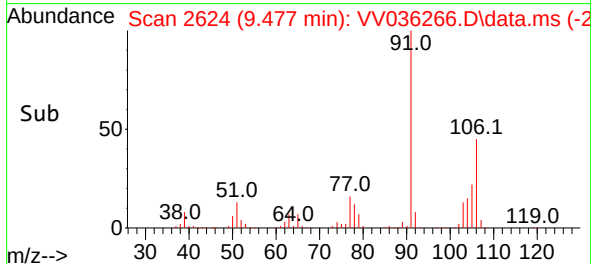
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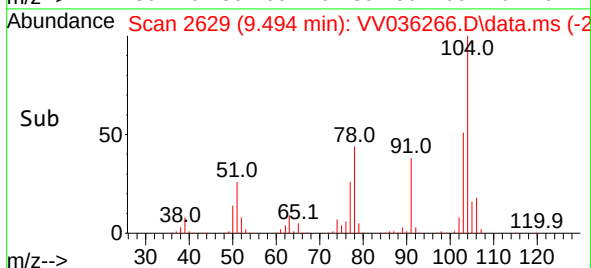
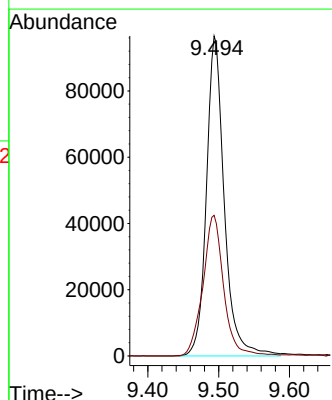
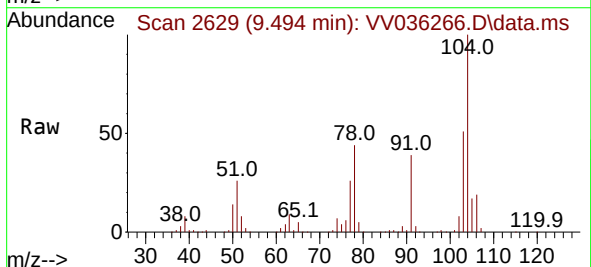
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Supervised By :Semsettin
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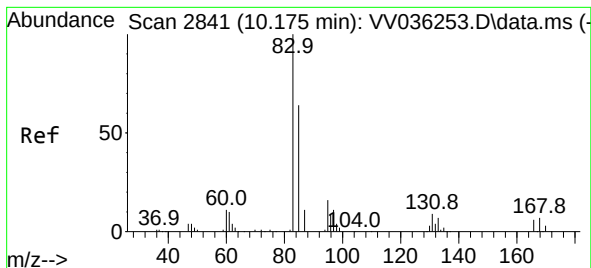
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#55
Styrene
Concen: 11.663 ug/L
RT: 9.494 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

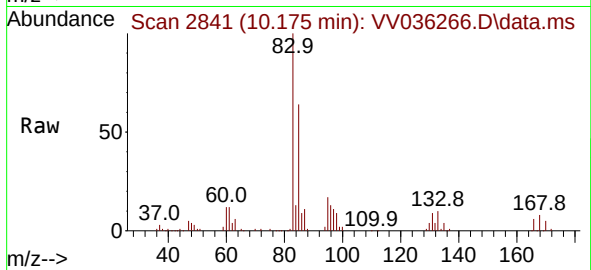
Tgt Ion:104 Resp: 169178
Ion Ratio Lower Upper
104 100
78 44.0 31.4 58.2





#57
1,1,2,2-Tetrachloroethane
Concen: 18.356 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

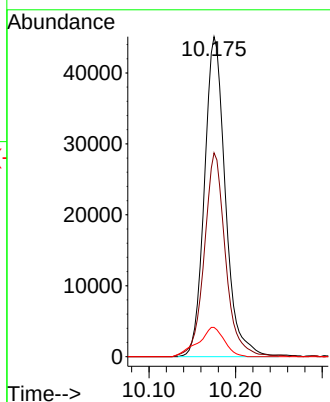
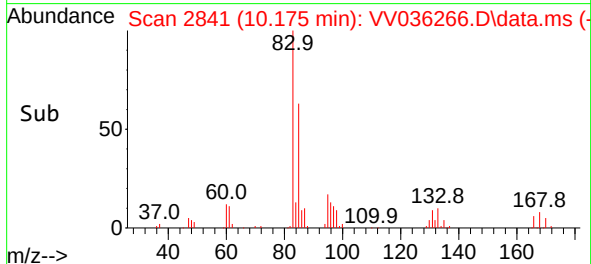
Instrument :
MSVOA_V
ClientSampleId :
A4CW2MSD



Tgt Ion: 83 Resp: 7582
Ion Ratio Lower Upper
83 100
85 63.7 45.1 83.7
131 9.1 7.6 11.4

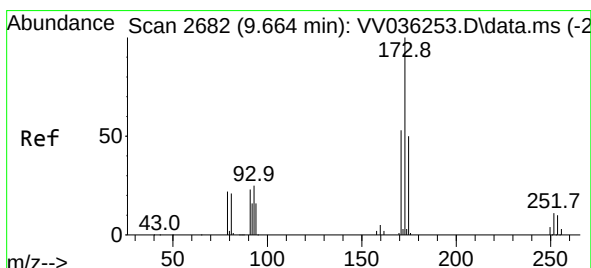
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Supervised By :Semsettin Yesilyurt 06/26/2024



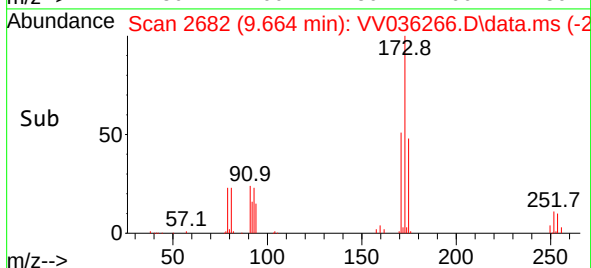
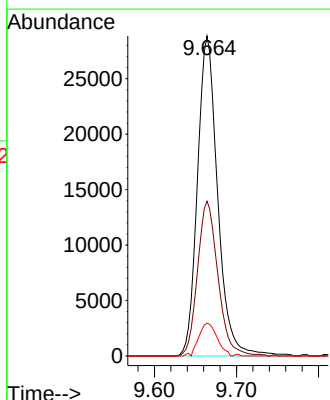
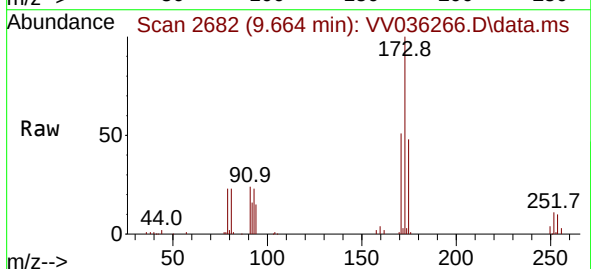
06/26/2024
Supervised By :Semsettin
Yesilyurt

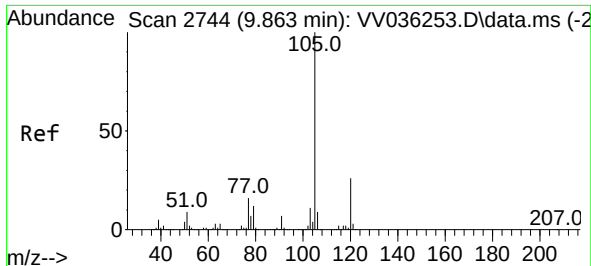
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#59
Bromoform
Concen: 26.480 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.000 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

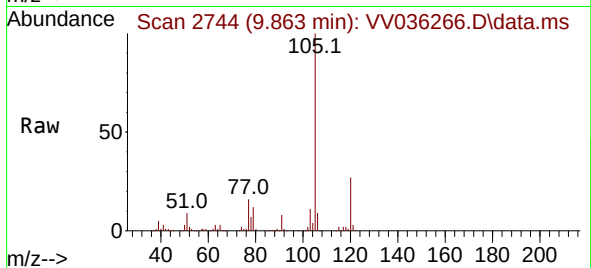
Tgt Ion:173 Resp: 49419
Ion Ratio Lower Upper
173 100
175 48.7 39.0 58.6
254 9.1 8.6 13.0





#60
Isopropylbenzene
Concen: 21.896 ug/L
RT: 9.863 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

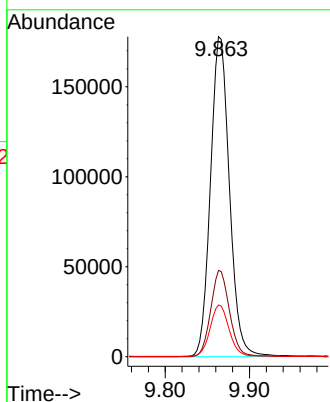
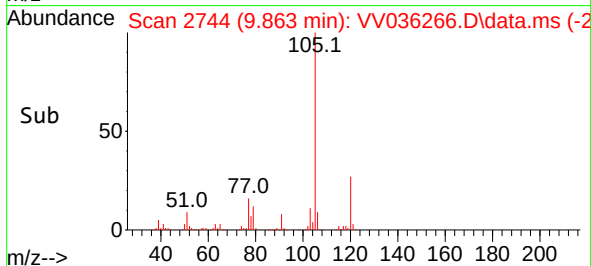
Instrument :
MSVOA_V
ClientSampleId :
A4CW2MSD



Tgt Ion:105 Resp: 277985
Ion Ratio Lower Upper
105 100
120 26.8 21.0 31.6
77 15.9 12.6 18.8

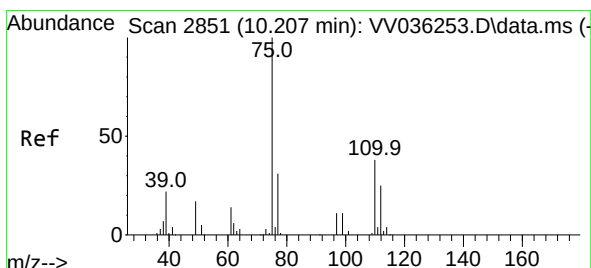
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Supervised By :Semsettin Yesilyurt 06/26/2024



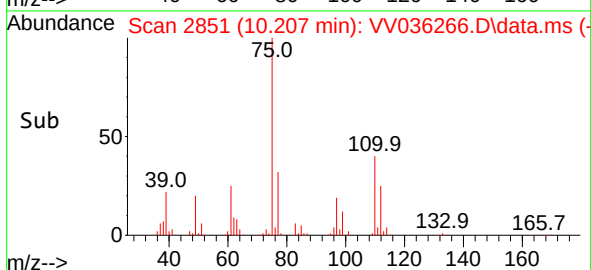
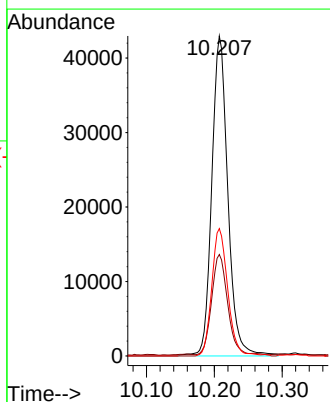
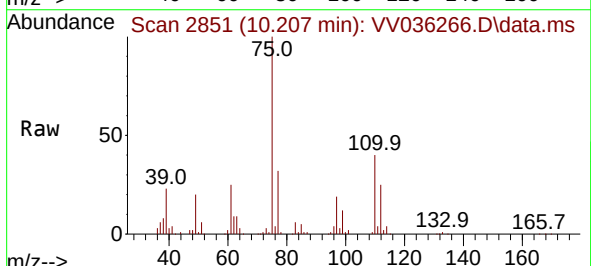
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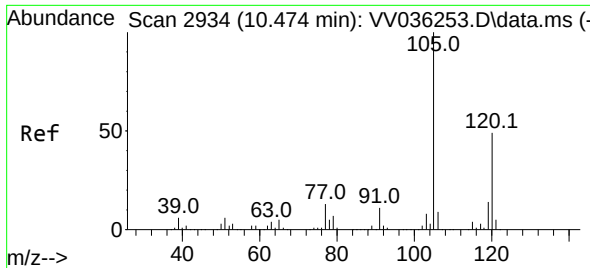
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#61
1,2,3-Trichloropropane
Concen: 30.240 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

Tgt Ion: 75 Resp: 70775
Ion Ratio Lower Upper
75 100
77 30.7 26.0 39.0
110 39.0 32.2 48.4





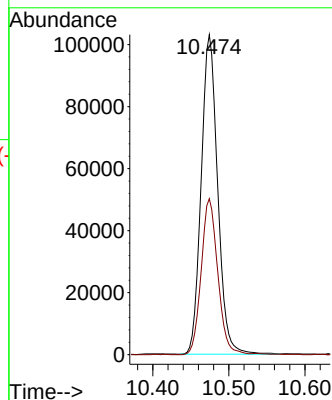
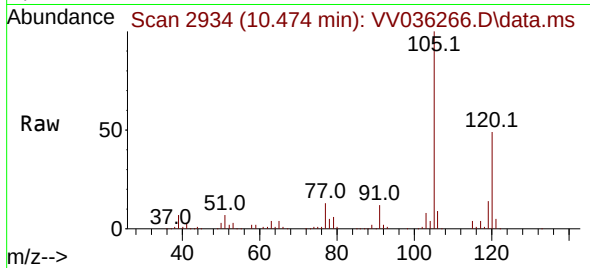
#62
1,3,5-Trimethylbenzene
Concen: 16.831 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. 0.000 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

Instrument :
MSVOA_V
ClientSampleId :
A4CW2MSD

Tgt Ion:105 Resp: 15495
Ion Ratio Lower Upper
105 100
120 49.1 38.6 58.0

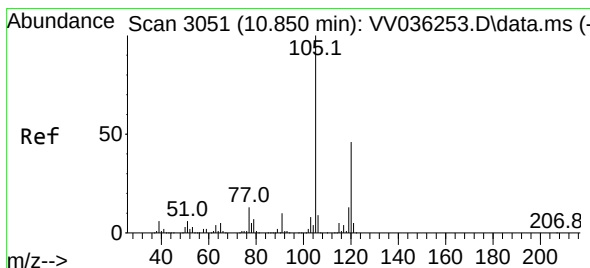
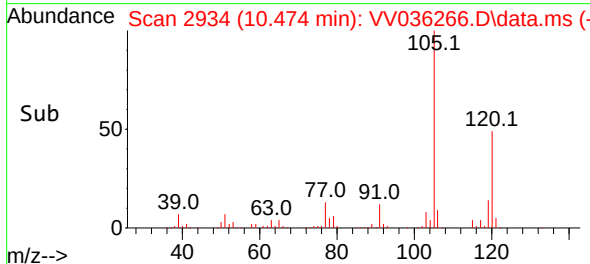
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Supervised By :Semsettin Yesilyurt 06/26/2024



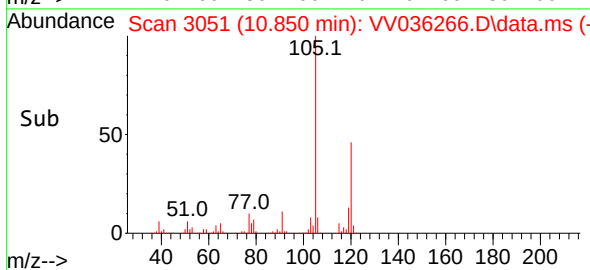
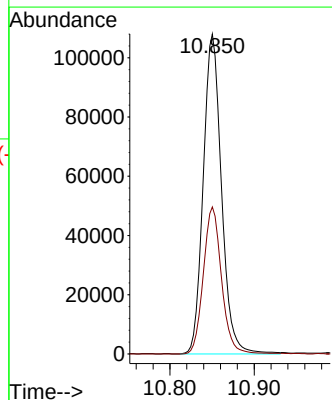
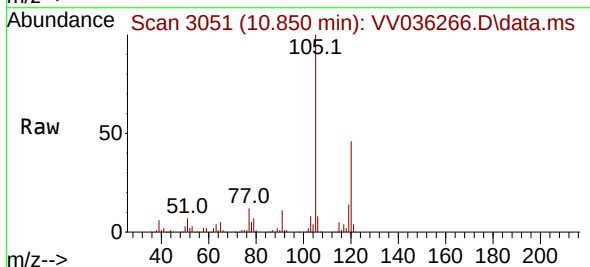
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Supervised By :Semsettin
Yesilyurt

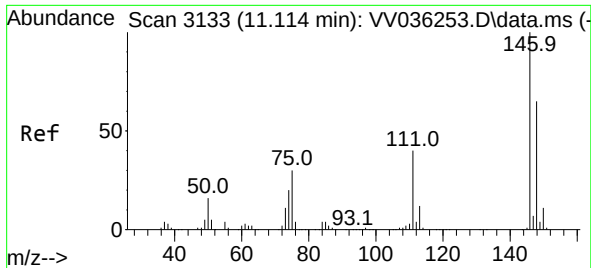
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#63
1,2,4-Trimethylbenzene
Concen: 16.467 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. 0.000 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

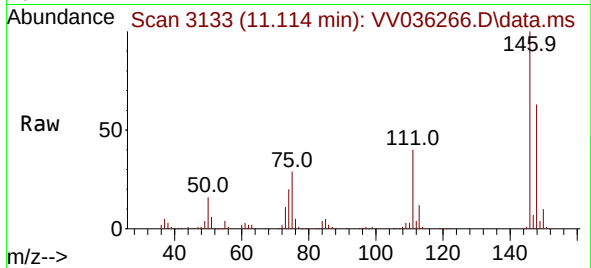
Tgt Ion:105 Resp: 163337
Ion Ratio Lower Upper
105 100
120 45.7 36.2 54.4





#64
1,3-Dichlorobenzene
Concen: 15.176 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

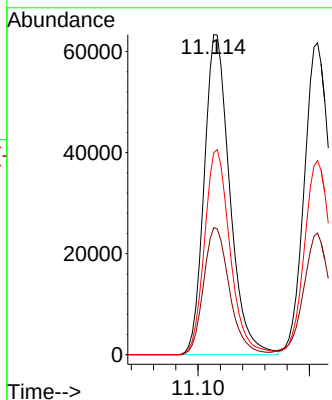
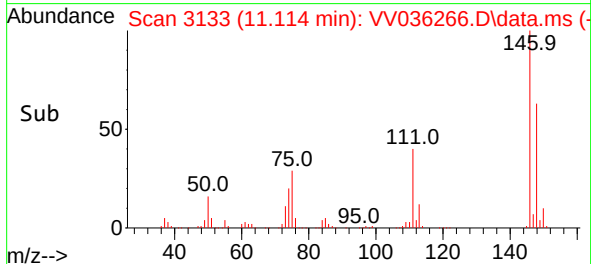
Instrument :
MSVOA_V
ClientSampleId :
A4CW2MSD



Tgt Ion:146 Resp: 101185
Ion Ratio Lower Upper
146 100
111 39.7 28.1 52.1
148 63.1 44.7 83.1

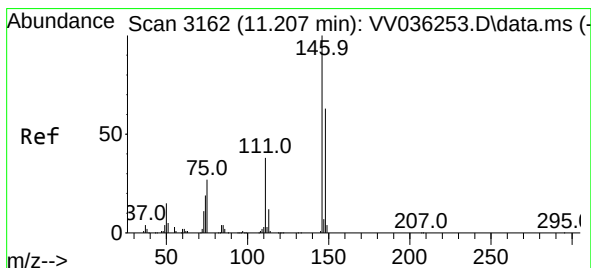
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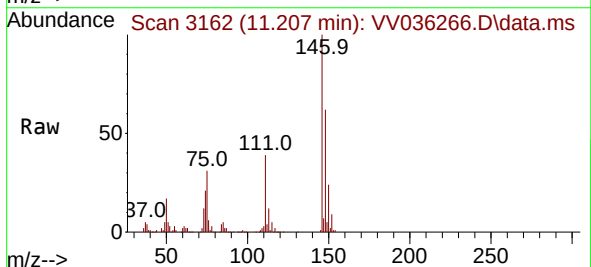


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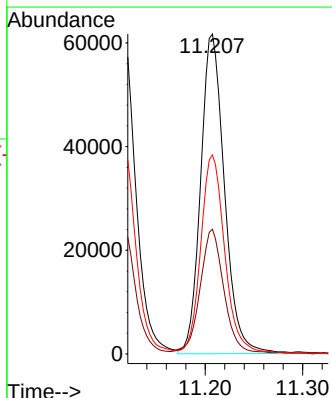
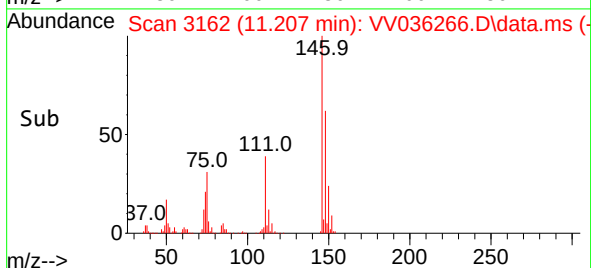
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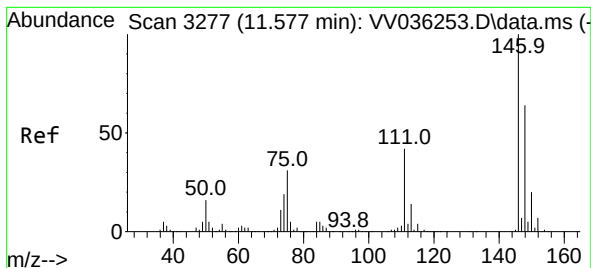


#65
1,4-Dichlorobenzene
Concen: 15.236 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27



Tgt Ion:146 Resp: 104850
Ion Ratio Lower Upper
146 100
111 39.0 26.9 50.1
148 62.2 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 14.616 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV036266.D

Acq: 25 Jun 2024 00:27

Instrument :

MSVOA_V

ClientSampleId :

A4CW2MSD

Tgt Ion:146 Resp: 9170

Ion Ratio Lower Upper

146 100

111 40.7 33.5 50.3

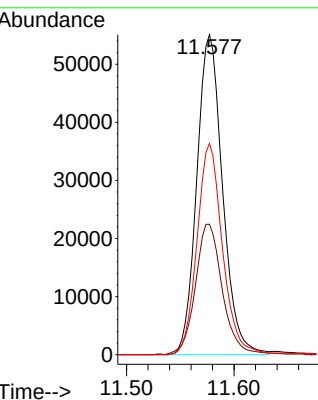
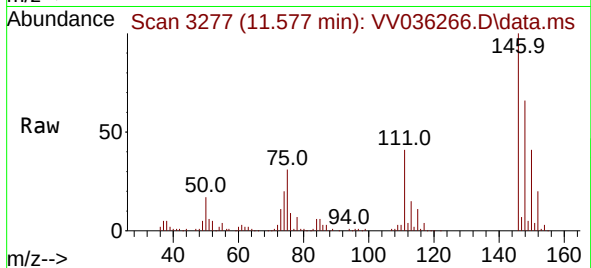
148 66.0 50.9 76.3

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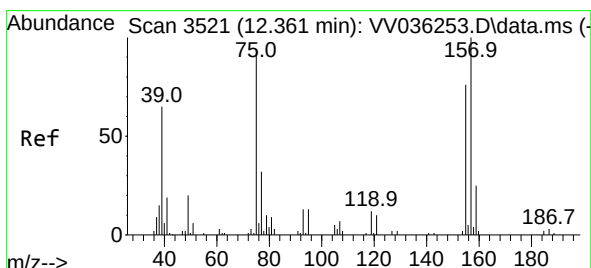
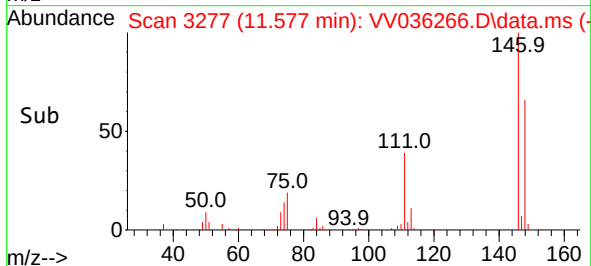


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#68

1,2-Dibromo-3-chloropropane

Concen: 22.157 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.003 min

Lab File: VV036266.D

Acq: 25 Jun 2024 00:27

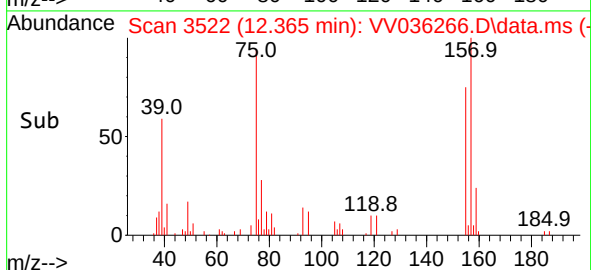
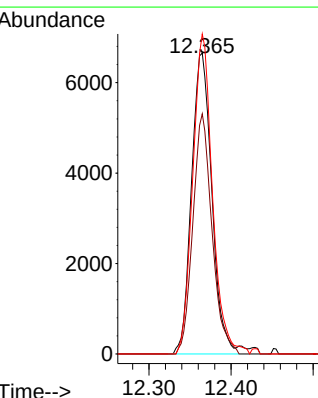
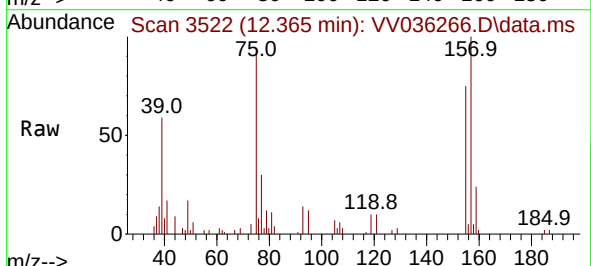
Tgt Ion: 75 Resp: 11596

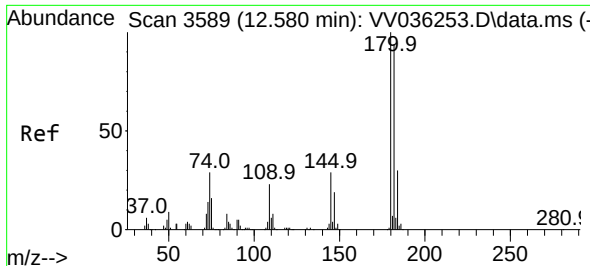
Ion Ratio Lower Upper

75 100

155 79.8 63.3 94.9

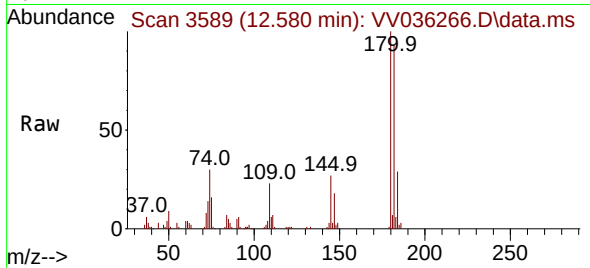
157 106.4 82.4 123.6





#69
1,3,5-Trichlorobenzene
Concen: 7.687 ug/L
RT: 12.580 min Scan# 3589
Delta R.T. 0.000 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

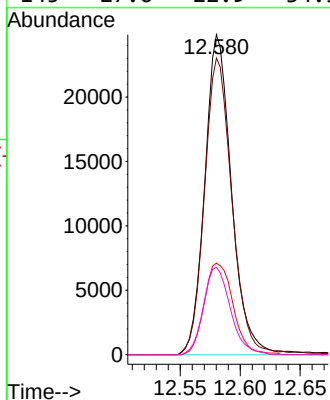
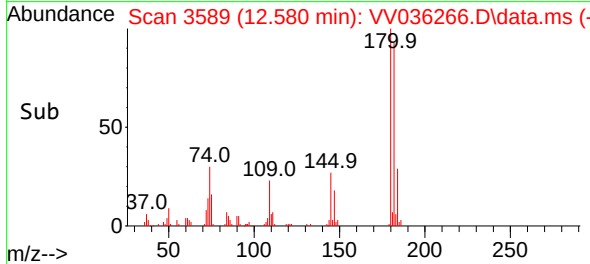
Instrument :
MSVOA_V
ClientSampleId :
A4CW2MSD



Tgt Ion:180 Resp: 38340
Ion Ratio Lower Upper
180 100
182 94.9 76.2 114.4
184 30.9 24.2 36.2
145 27.6 22.9 34.3

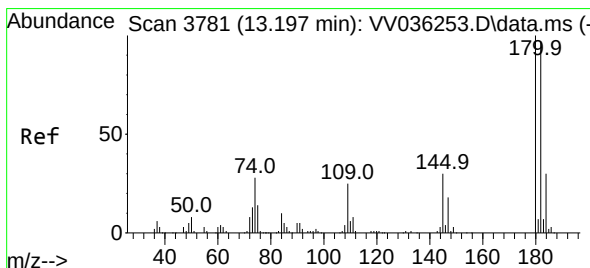
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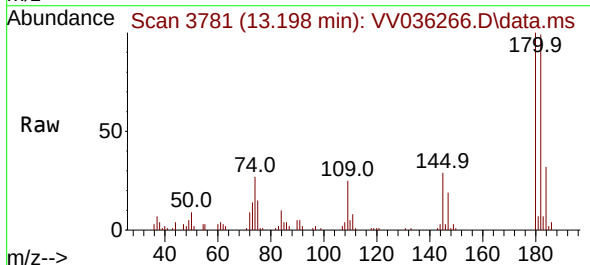


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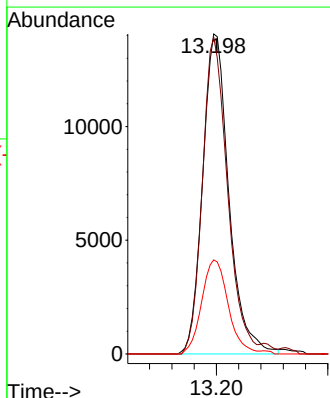
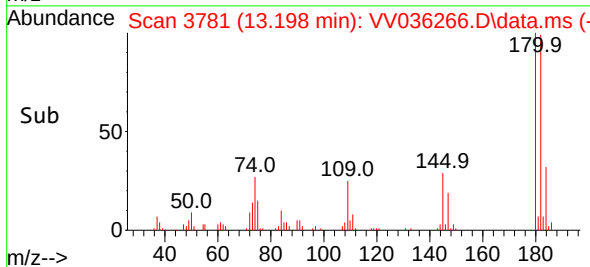
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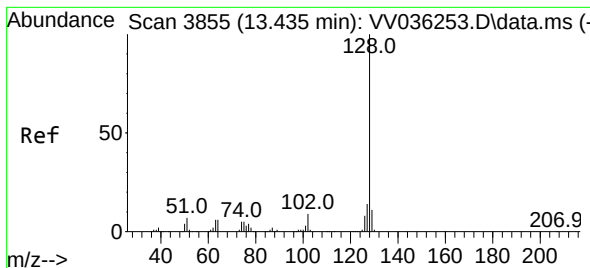


#70
1,2,4-trichlorobenzene
Concen: 5.855 ug/L
RT: 13.198 min Scan# 3781
Delta R.T. 0.000 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27



Tgt Ion:180 Resp: 22992
Ion Ratio Lower Upper
180 100
182 94.2 76.1 114.1
145 29.7 23.5 35.3





#71

Naphthalene

Concen: 7.916 ug/L

RT: 13.439 min Scan# 3855

Delta R.T. 0.003 min

Lab File: VV036266.D

Acq: 25 Jun 2024 00:27

Instrument :

MSVOA_V

ClientSampleId :

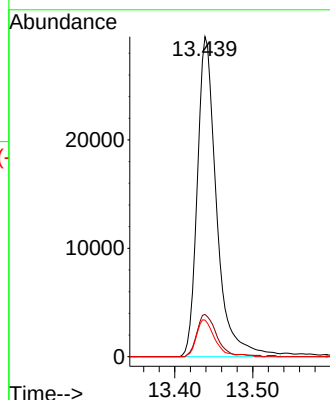
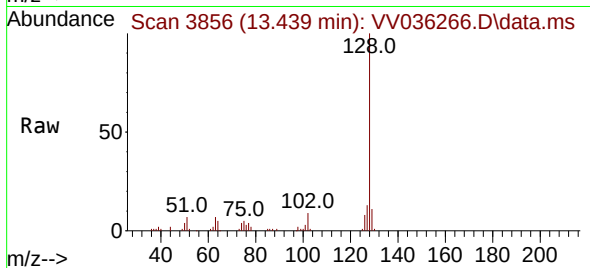
A4CW2MSD

Tgt Ion:	128	Resp:	5072
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	16.0
129	11.2	8.8	13.2

Manual Integrations

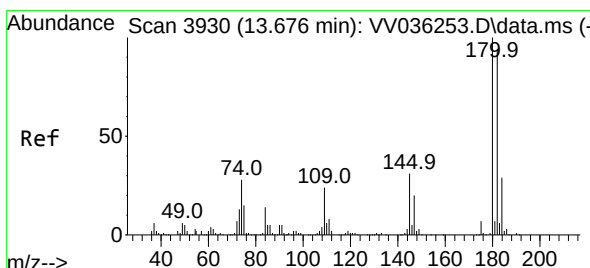
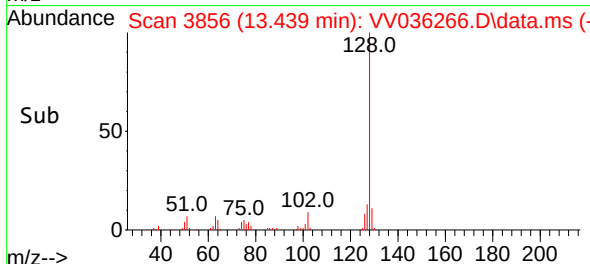
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Yesilyurt

06/26/2024



#72

1,2,3-Trichlorobenzene

Concen: 5.138 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

Lab File: VV036266.D

Acq: 25 Jun 2024 00:27

Tgt Ion:	180	Resp:	18412
Ion Ratio	Lower	Upper	
180	100		
182	94.9	75.1	112.7
145	30.4	25.2	37.8

