

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060624\
 Data File : VW035982.D
 Acq On : 06 Jun 2024 13:10
 Operator : SY/MD
 Sample : P2695-26MS
 Misc : 5.56g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4BN3MS

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/07/2024
 Supervised By :Semsettin Yesilyurt 06/07/2024

Quant Time: Jun 07 02:18:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 07 02:16:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	402736	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	279026	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	69324	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	134585	18.177	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.720%		
7) Chloroethane-d5	1.529	69	126622	21.447	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.800%		
11) 1,1-Dichloroethene-d2	2.053	65	58164	17.646	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	70.600%		
21) 2-Butanone-d5	3.844	46	73483m	43.255	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	86.520%		
24) Chloroform-d	4.246	84	286317	22.362	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	89.440%		
26) 1,2-Dichloroethane-d4	4.941	65	154625	23.033	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	92.120%		
32) Benzene-d6	4.957	84	485576	29.276	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	117.120%		
36) 1,2-Dichloropropane-d6	5.986	67	177246	33.935	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	135.720%#		
41) Toluene-d8	7.239	98	342914	23.432	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	93.720%		
43) trans-1,3-Dichloroprop...	7.555	79	55099	25.728	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	102.920%		
47) 2-Hexanone-d5	8.034	63	46614	65.871	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	131.740%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	108319	27.752	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	111.000%		
66) 1,2-Dichlorobenzene-d4	11.561	152	50719	19.951	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	79.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.105	85	72726	10.015	ug/L	99
3) Chloromethane	1.211	50	78771	9.452	ug/L	99
5) Vinyl chloride	1.278	62	87547	9.979	ug/L	99
6) Bromomethane	1.484	94	48824	8.970	ug/L	99
8) Chloroethane	1.545	64	62557	11.471	ug/L	98
9) Trichlorofluoromethane	1.709	101	117866	10.818	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	66227	9.578	ug/L	99
12) 1,1-Dichloroethene	2.063	96	68777	10.664	ug/L #	73
13) Acetone	2.156	43	49163m	18.578	ug/L	
14) Carbon disulfide	2.233	76	103337	4.614	ug/L	100
15) Methyl Acetate	2.391	43	35112	10.675	ug/L	99
16) Methylene chloride	2.442	84	124278	13.637	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	67536	9.858	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	231224	15.034	ug/L	99
19) 1,1-Dichloroethane	3.108	63	179854	13.786	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	83099	12.072	ug/L	100
22) 2-Butanone	3.925	43	64046m	28.523	ug/L	
23) Bromochloromethane	4.146	128	44715	12.950	ug/L	94
25) Chloroform	4.272	83	182907	13.629	ug/L	99

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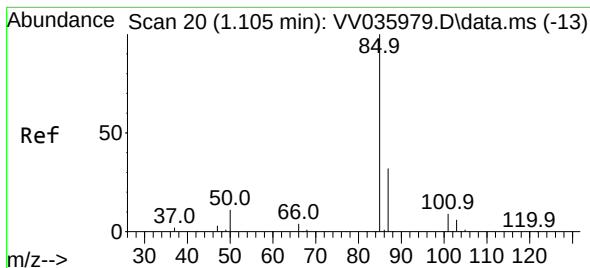
Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/07/2024
 Supervised By :Semsettin Yesilyurt 06/07/2024

Quant Time: Jun 07 02:18:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 07 02:16:44 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	112866	13.471	ug/L	100
29) Cyclohexane	4.577	56	46401	6.984	ug/L	97
30) 1,1,1-Trichloroethane	4.506	97	132223	17.334	ug/L	100
31) Carbon tetrachloride	4.732	117	96549	14.427	ug/L	99
33) Benzene	5.008	78	313662	17.188	ug/L	100
34) Trichloroethene	5.831	95	75046	13.418	ug/L	98
35) Methylcyclohexane	6.047	83	38244	4.944	ug/L	97
37) 1,2-Dichloropropane	6.092	63	94615	19.745	ug/L	98
38) Bromodichloromethane	6.432	83	121061	19.088	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	106424	14.849	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	112349	43.154	ug/L	98
42) Toluene	7.313	91	259564	13.920	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	96553	15.597	ug/L	97
45) 1,1,2-Trichloroethane	7.770	97	75085	18.938	ug/L	98
46) Tetrachloroethene	7.905	164	35877	8.771	ug/L	98
48) 2-Hexanone	8.082	43	81693	40.138	ug/L	95
49) Dibromochloromethane	8.175	129	72380	16.680	ug/L	100
50) 1,2-Dibromoethane	8.284	107	62804	16.508	ug/L	97
51) Chlorobenzene	8.812	112	142680	11.230	ug/L	99
52) Ethylbenzene	8.947	91	191238	9.585	ug/L	100
53) m,p-Xylene	9.072	106	65964	8.799	ug/L	97
54) o-Xylene	9.477	106	65518	9.268	ug/L	98
55) Styrene	9.497	104	109618	8.793	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.175	83	60806	17.127	ug/L	99
59) Bromoform	9.664	173	39726	30.387	ug/L #	97
60) Isopropylbenzene	9.866	105	142311	16.001	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	58091	35.431	ug/L	96
62) 1,3,5-Trimethylbenzene	10.474	105	83281	12.913	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	78184	11.252	ug/L	97
64) 1,3-Dichlorobenzene	11.117	146	53341	11.420	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	54690	11.344	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	50565	11.505	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	9385	25.598	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	19205	5.497	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	12678	4.609	ug/L	99
71) Naphthalene	13.442	128	29021	6.464	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	9894	3.941	ug/L	99

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



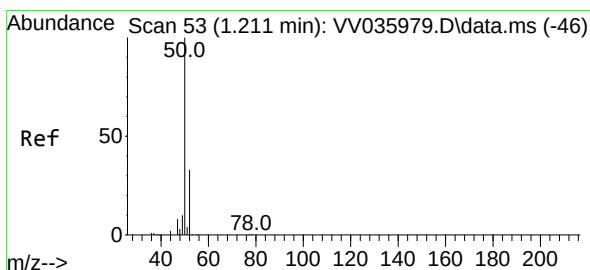
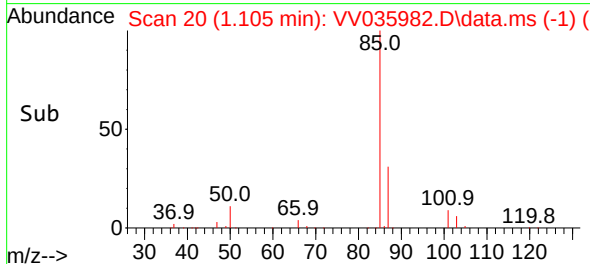
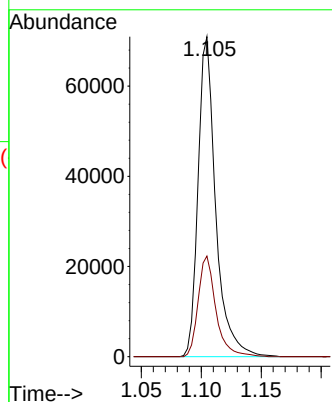
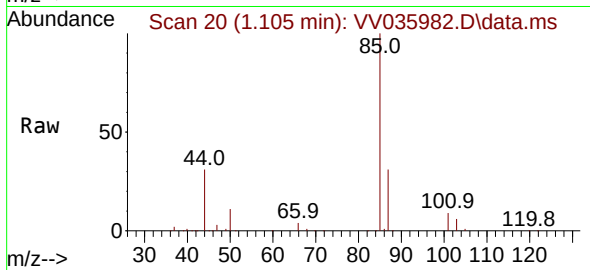
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 Dichlorodifluoromethane
 Concen: 10.015 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV035982.D
 Acq: 06 Jun 2024 13:10

Instrument :
 MSVOA_V
 ClientSampleId :
 A4BN3MS

Tgt Ion: 85 Resp: 72720
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.9 38.9

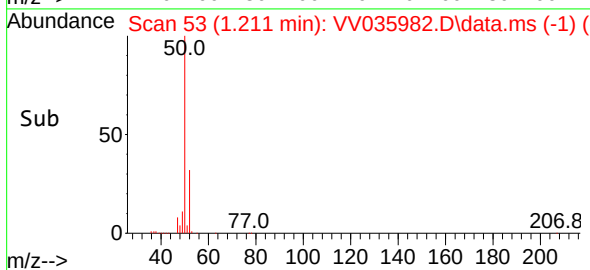
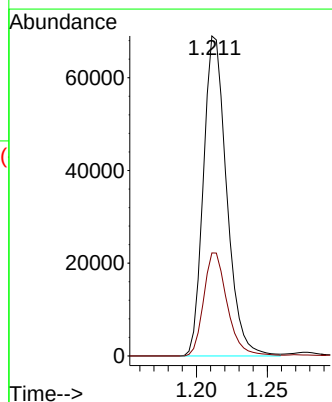
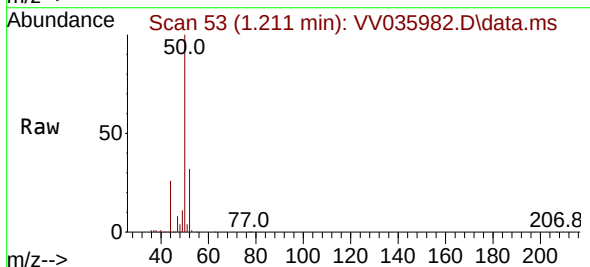
Manual Integrations
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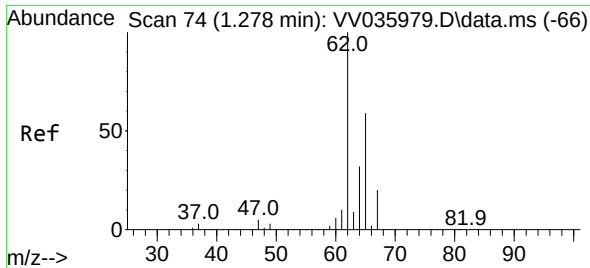
Reviewed By :Mahesh Dadoda 06/07/2024
 Supervised By :Semsettin Yesilyurt 06/07/2024



#3
 Chloromethane
 Concen: 9.452 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. 0.000 min
 Lab File: VV035982.D
 Acq: 06 Jun 2024 13:10

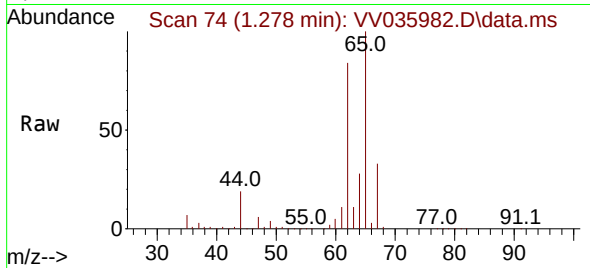
Tgt Ion: 50 Resp: 78771
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.8 42.4





#5
 Vinyl chloride
 Concen: 9.979 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VV035982.D
 Acq: 06 Jun 2024 13:10

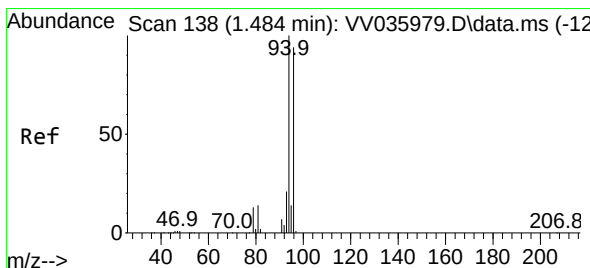
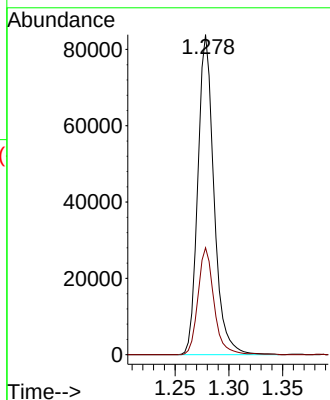
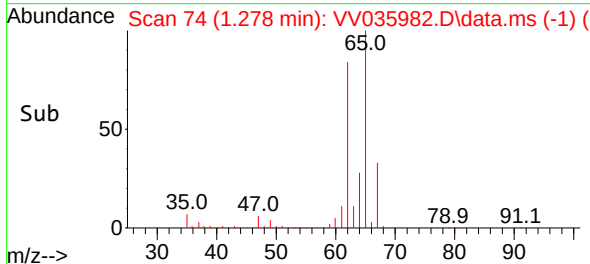
Instrument :
 MSVOA_V
 ClientSampleId :
 A4BN3MS



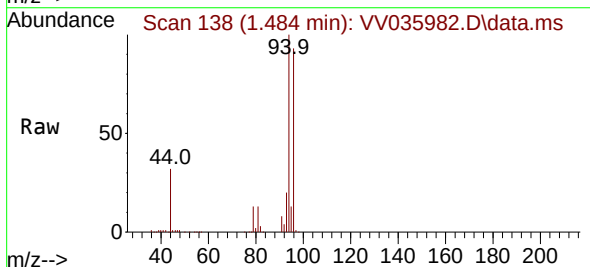
Tgt Ion: 62 Resp: 8754
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.9 42.5

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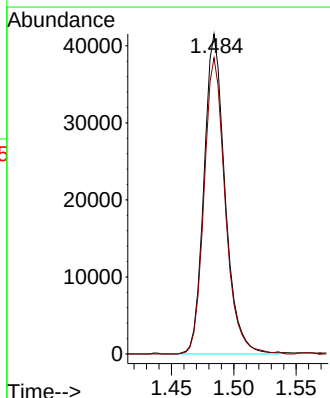
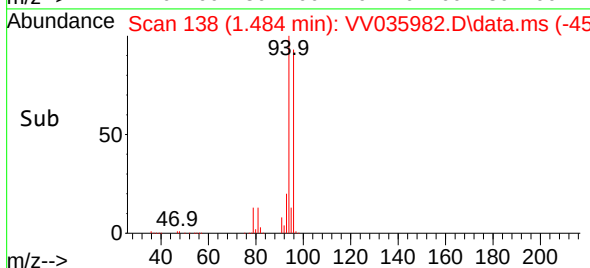
Reviewed By :Mahesh Dadoda 06/07/2024
 Supervised By :Semsettin Yesilyurt 06/07/2024

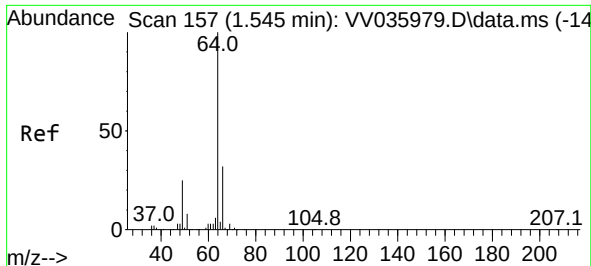


#6
 Bromomethane
 Concen: 8.970 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VV035982.D
 Acq: 06 Jun 2024 13:10



Tgt Ion: 94 Resp: 48824
 Ion Ratio Lower Upper
 94 100
 96 92.6 65.7 122.1





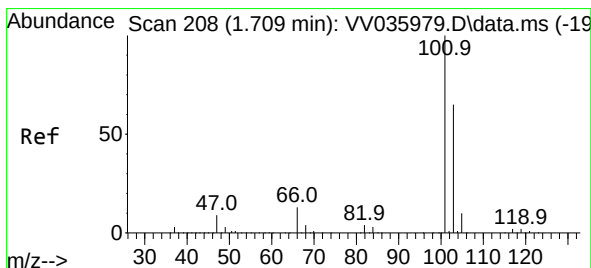
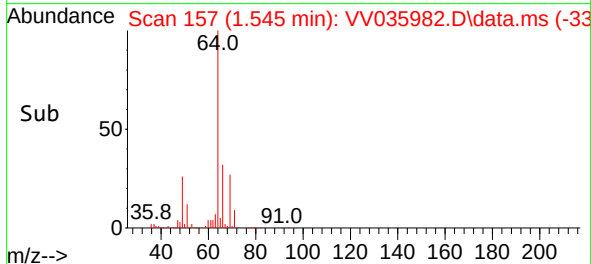
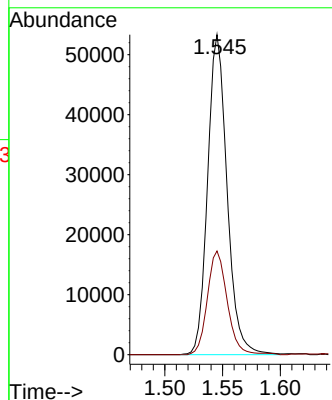
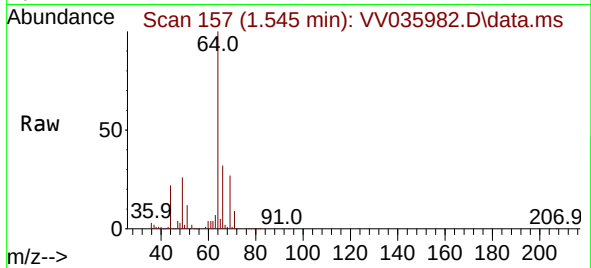
#8
Chloroethane
Concen: 11.471 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV035982.D
Acq: 06 Jun 2024 13:10

Instrument :
MSVOA_V
ClientSampleId :
A4BN3MS

Tgt Ion: 64 Resp: 6255
Ion Ratio Lower Upper
64 100
66 32.4 22.0 41.0

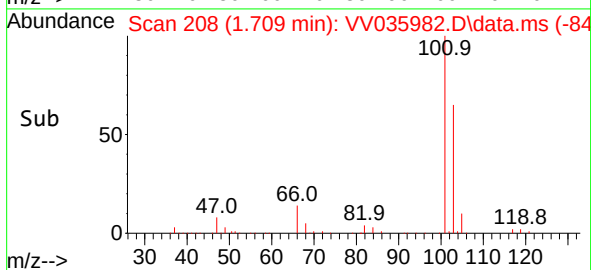
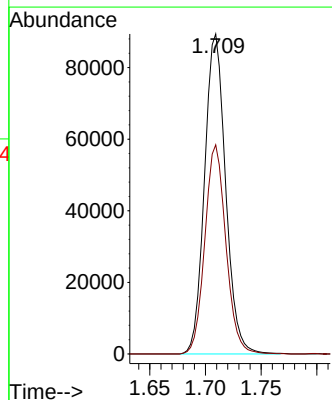
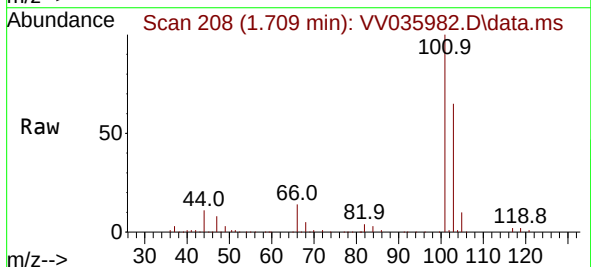
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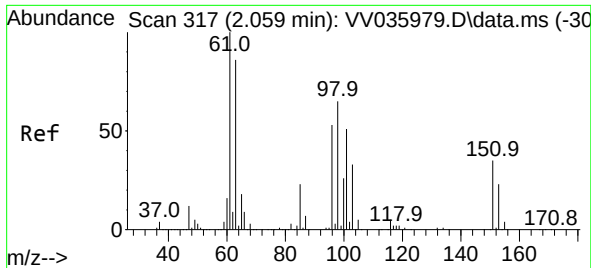
Reviewed By :Mahesh Dadoda 06/07/2024
Supervised By :Semsettin Yesilyurt 06/07/2024



#9
Trichlorofluoromethane
Concen: 10.818 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV035982.D
Acq: 06 Jun 2024 13:10

Tgt Ion:101 Resp: 117866
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.8





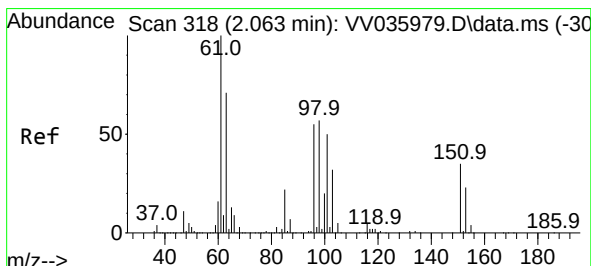
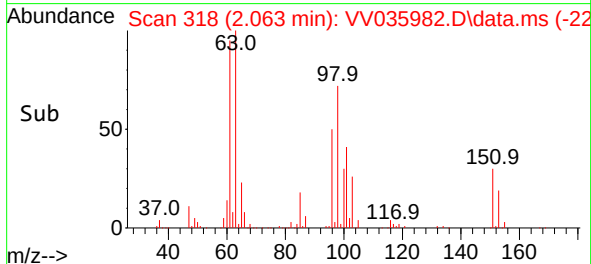
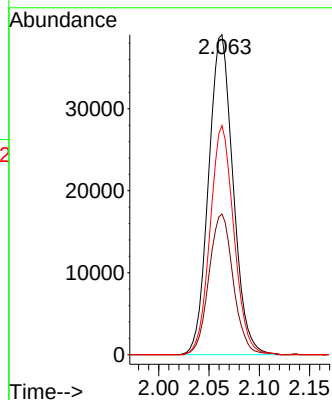
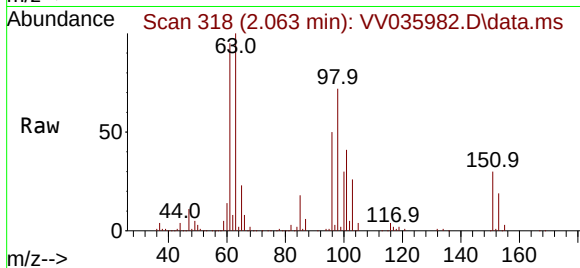
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.578 ug/L
RT: 2.063 min Scan# 317
Delta R.T. 0.003 min
Lab File: VV035982.D
Acq: 06 Jun 2024 13:10

Instrument :
MSVOA_V
ClientSampleId :
A4BN3MS

Tgt Ion:101 Resp: 6622
Ion Ratio Lower Upper
101 100
85 43.6 34.5 51.7
151 69.6 56.3 84.5

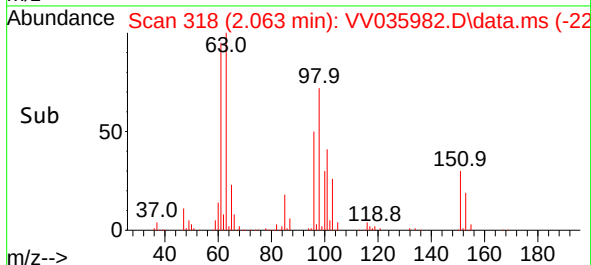
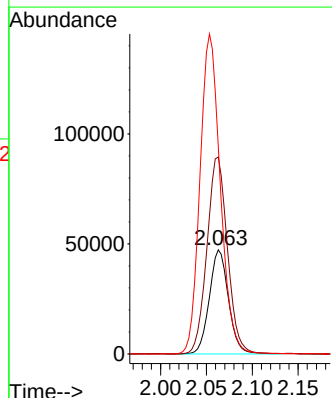
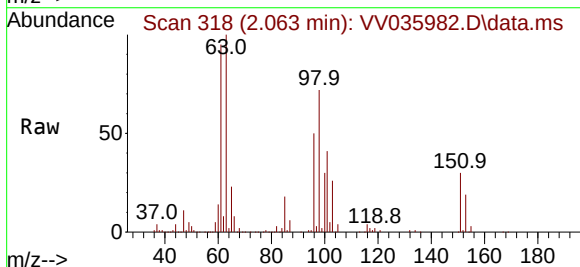
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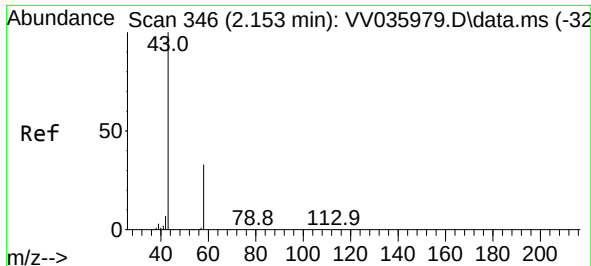
Reviewed By :Mahesh Dadoda 06/07/2024
Supervised By :Semsettin Yesilyurt 06/07/2024



#12
1,1-Dichloroethene
Concen: 10.664 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV035982.D
Acq: 06 Jun 2024 13:10

Tgt Ion: 96 Resp: 68777
Ion Ratio Lower Upper
96 100
61 189.2 127.3 236.3
63 199.6 93.7 173.9#





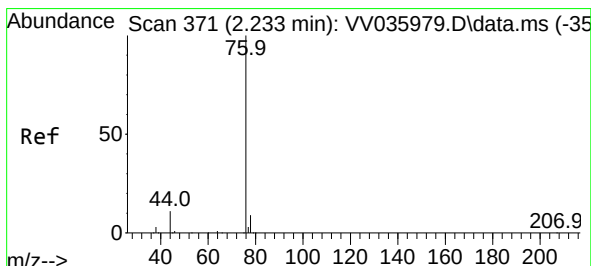
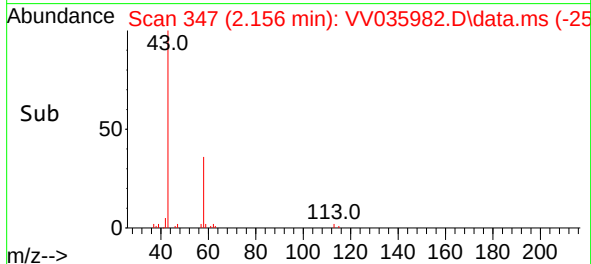
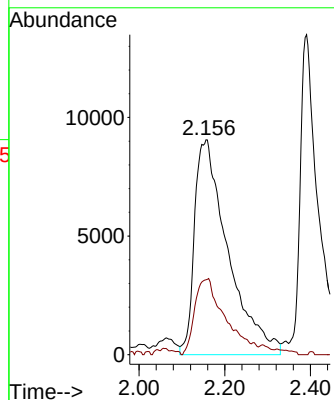
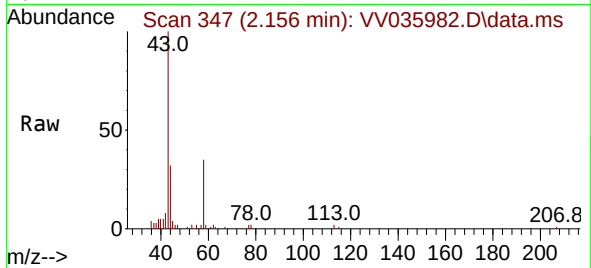
#13
Acetone
Concen: 18.578 ug/L m
RT: 2.156 min Scan# 346
Delta R.T. 0.003 min
Lab File: VV035982.D
Acq: 06 Jun 2024 13:10

Instrument :
MSVOA_V
ClientSampleId :
A4BN3MS

Tgt Ion: 43 Resp: 4916
Ion Ratio Lower Upper
43 100
58 0.2 0.0 24.2

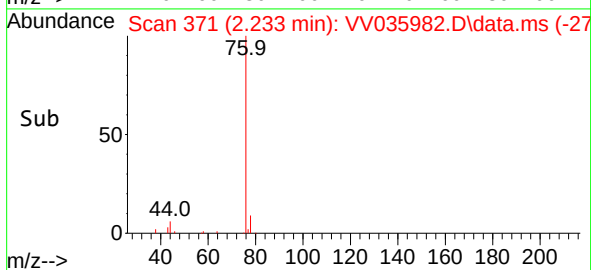
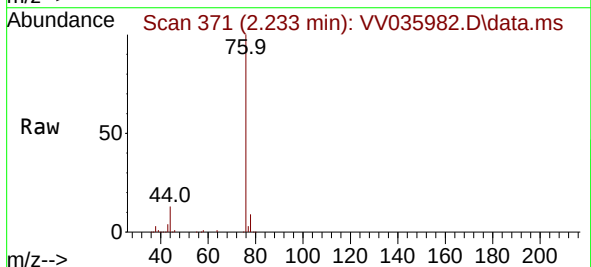
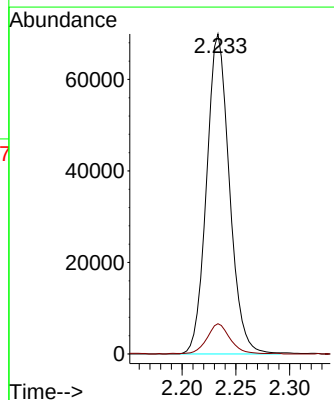
Manual Integrations
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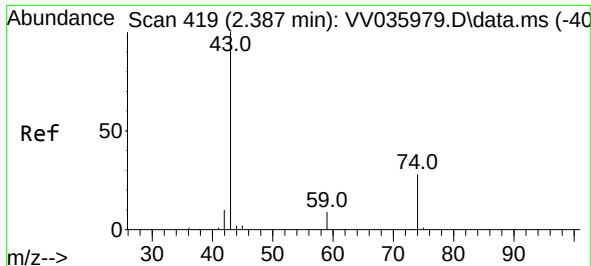
Reviewed By :Mahesh Dadoda 06/07/2024
Supervised By :Semsettin Yesilyurt 06/07/2024



#14
Carbon disulfide
Concen: 4.614 ug/L
RT: 2.233 min Scan# 371
Delta R.T. 0.000 min
Lab File: VV035982.D
Acq: 06 Jun 2024 13:10

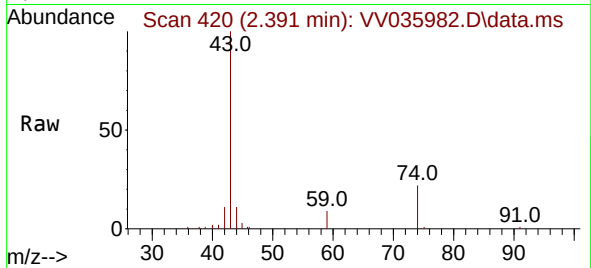
Tgt Ion: 76 Resp: 103337
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2





#15
Methyl Acetate
Concen: 10.675 ug/L
RT: 2.391 min Scan# 419
Delta R.T. 0.003 min
Lab File: VV035982.D
Acq: 06 Jun 2024 13:10

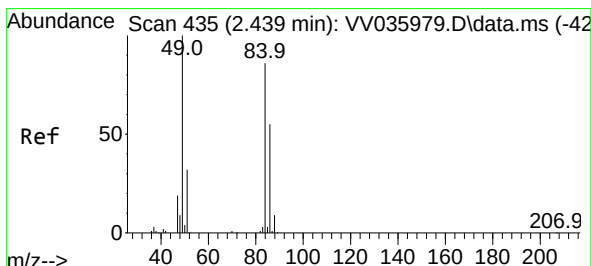
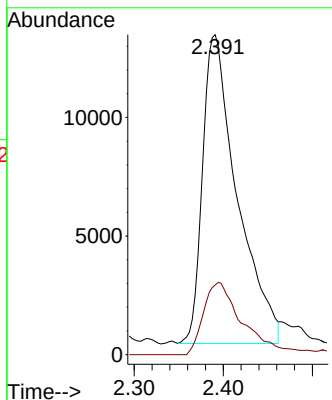
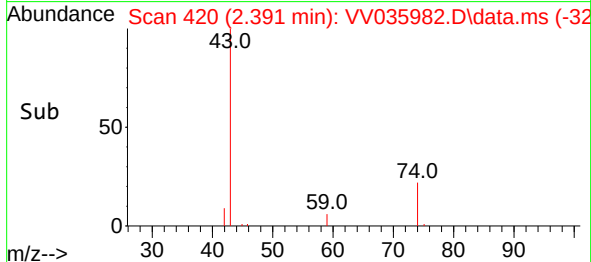
Instrument :
MSVOA_V
ClientSampleId :
A4BN3MS



Tgt Ion: 43 Resp: 35112
Ion Ratio Lower Upper
43 100
74 26.4 21.4 32.2

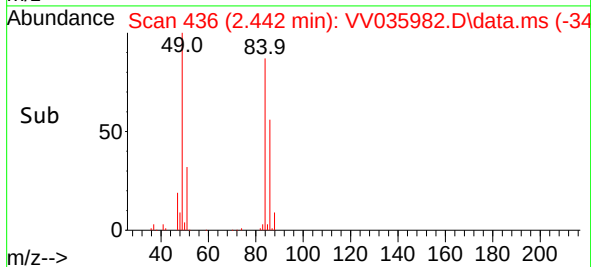
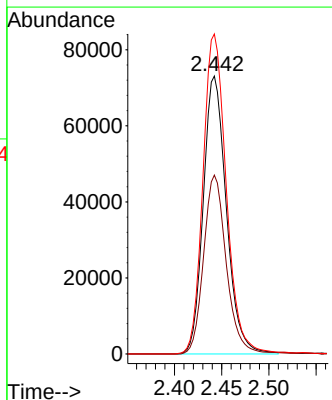
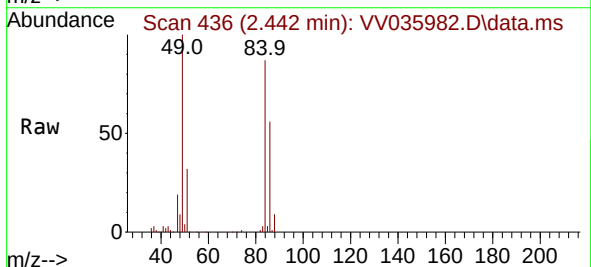
Manual Integrations
APPROVED

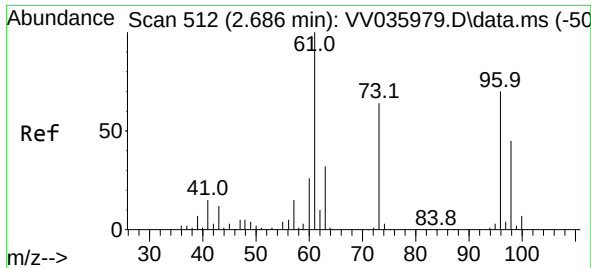
Reviewed By :Mahesh Dadoda 06/07/2024
Supervised By :Semsettin Yesilyurt 06/07/2024



#16
Methylene chloride
Concen: 13.637 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV035982.D
Acq: 06 Jun 2024 13:10

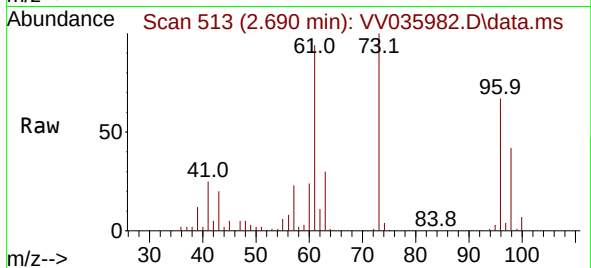
Tgt Ion: 84 Resp: 124278
Ion Ratio Lower Upper
84 100
86 64.3 44.6 82.8
49 115.1 81.1 150.5





#17
trans-1,2-Dichloroethene
Concen: 9.858 ug/L
RT: 2.690 min Scan# 512
Delta R.T. 0.003 min
Lab File: VV035982.D
Acq: 06 Jun 2024 13:10

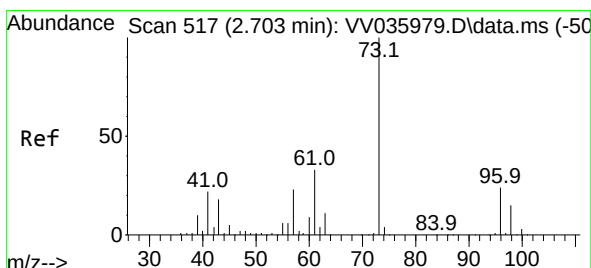
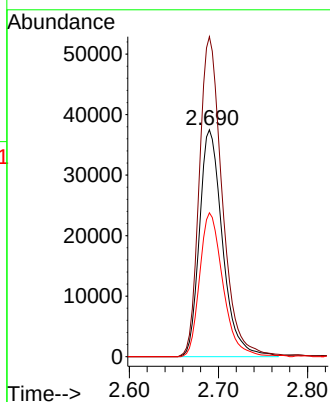
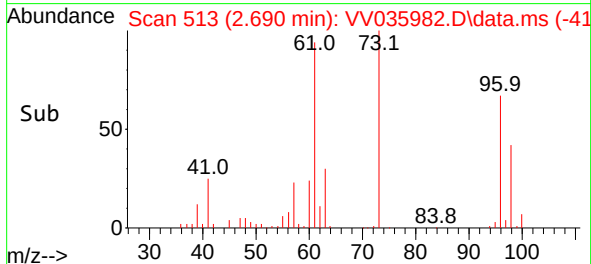
Instrument :
MSVOA_V
ClientSampleId :
A4BN3MS



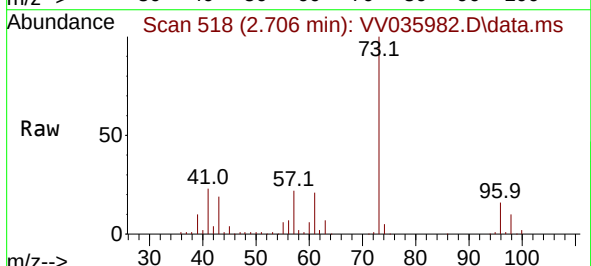
Tgt Ion: 96 Resp: 67530
Ion Ratio Lower Upper
96 100
61 141.1 99.4 184.6
98 63.4 44.9 83.3

Manual Integrations
APPROVED

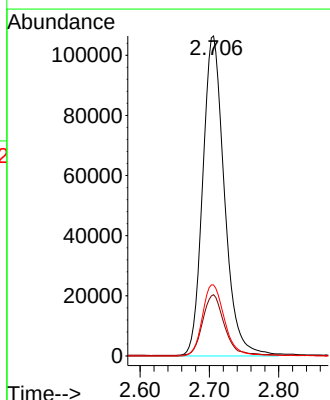
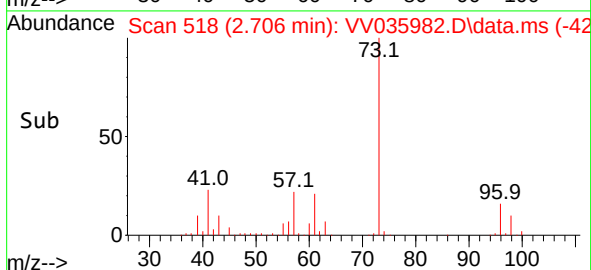
Reviewed By :Mahesh Dadoda 06/07/2024
Supervised By :Semsettin Yesilyurt 06/07/2024

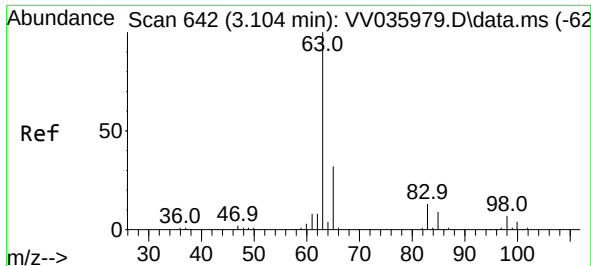


#18
Methyl tert-butyl Ether
Concen: 15.034 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV035982.D
Acq: 06 Jun 2024 13:10



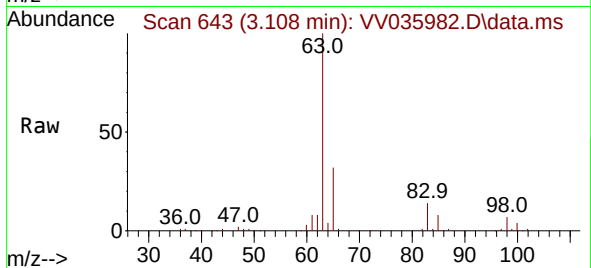
Tgt Ion: 73 Resp: 231224
Ion Ratio Lower Upper
73 100
43 18.9 14.3 21.5
57 22.5 17.8 26.6





#19
1,1-Dichloroethane
Concen: 13.786 ug/L
RT: 3.108 min Scan# 642
Delta R.T. 0.003 min
Lab File: VV035982.D
Acq: 06 Jun 2024 13:10

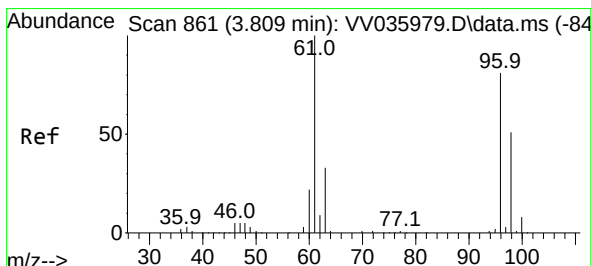
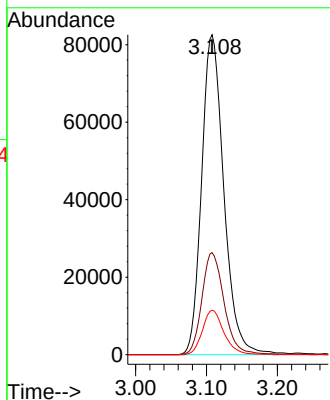
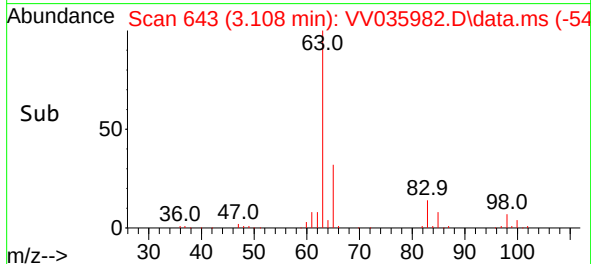
Instrument :
MSVOA_V
ClientSampleId :
A4BN3MS



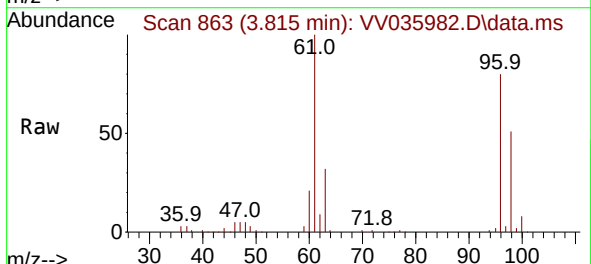
Tgt Ion: 63 Resp: 179854
Ion Ratio Lower Upper
63 100
65 31.9 22.4 41.6
83 13.9 9.2 17.0

Manual Integrations
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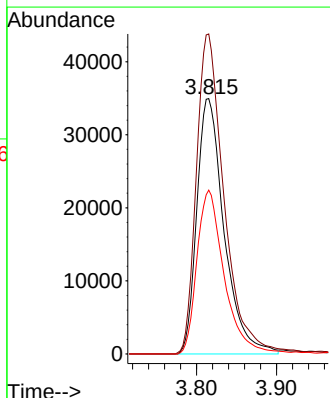
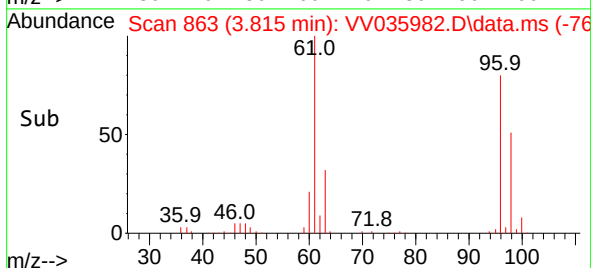
Reviewed By :Mahesh Dadoda 06/07/2024
Supervised By :Semsettin Yesilyurt 06/07/2024

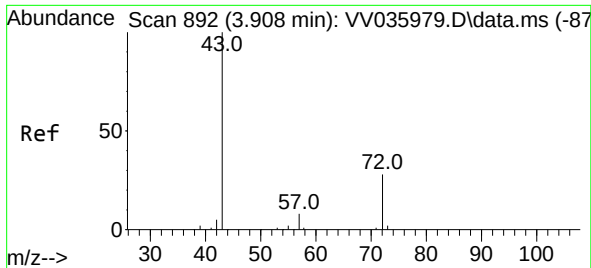


#20
cis-1,2-Dichloroethene
Concen: 12.072 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.007 min
Lab File: VV035982.D
Acq: 06 Jun 2024 13:10



Tgt Ion: 96 Resp: 83099
Ion Ratio Lower Upper
96 100
61 125.3 87.9 163.3
98 64.2 44.4 82.5





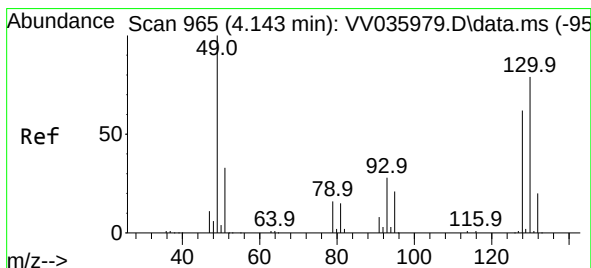
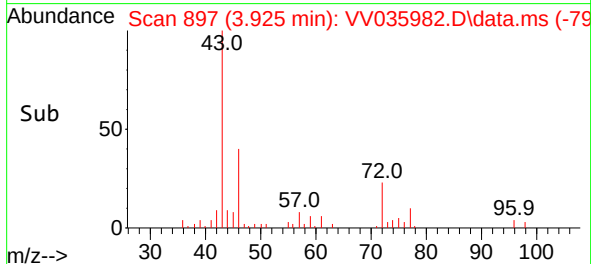
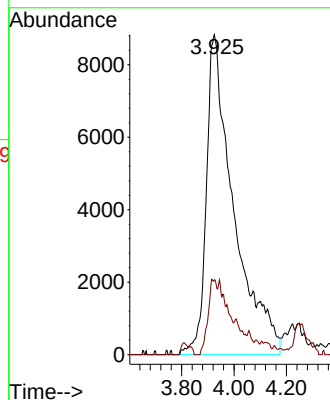
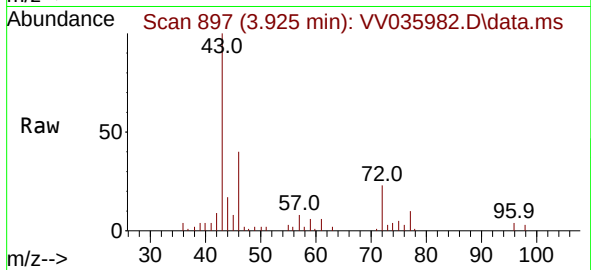
#22
2-Butanone
Concen: 28.523 ug/L m
RT: 3.925 min Scan# 897
Delta R.T. 0.016 min
Lab File: VV035982.D
Acq: 06 Jun 2024 13:10

Instrument :
MSVOA_V
ClientSampleId :
A4BN3MS

Tgt Ion: 43 Resp: 6404
Ion Ratio Lower Upper
43 100
72 4.9 8.2 24.4

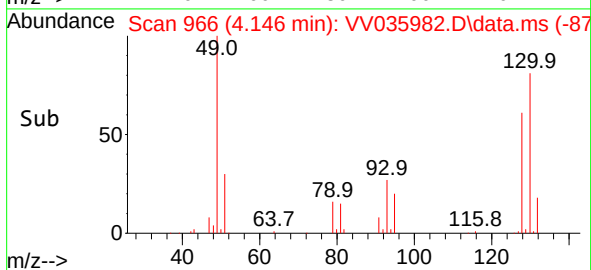
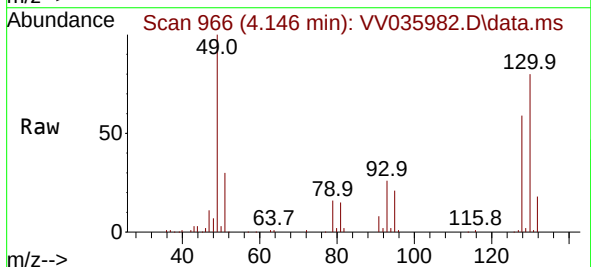
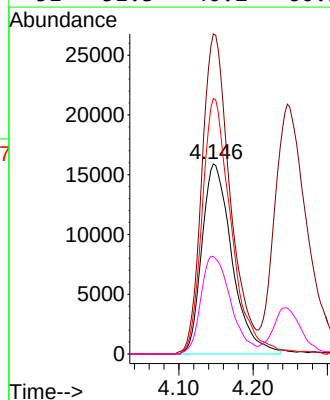
Manual Integrations
APPROVED

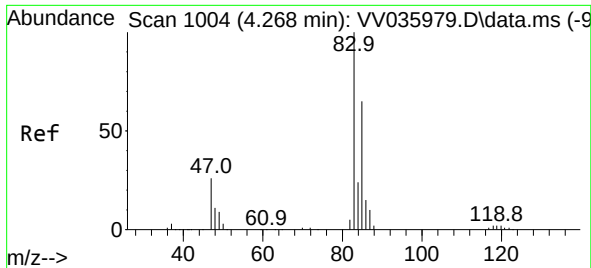
Reviewed By :Mahesh Dadoda 06/07/2024
Supervised By :Semsettin Yesilyurt 06/07/2024



#23
Bromochloromethane
Concen: 12.950 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.003 min
Lab File: VV035982.D
Acq: 06 Jun 2024 13:10

Tgt Ion:128 Resp: 44715
Ion Ratio Lower Upper
128 100
49 168.3 110.2 204.6
130 134.3 90.2 167.4
51 51.3 40.2 60.2





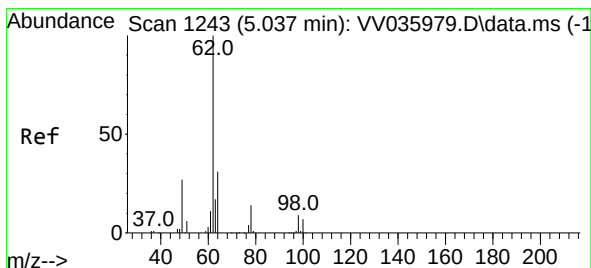
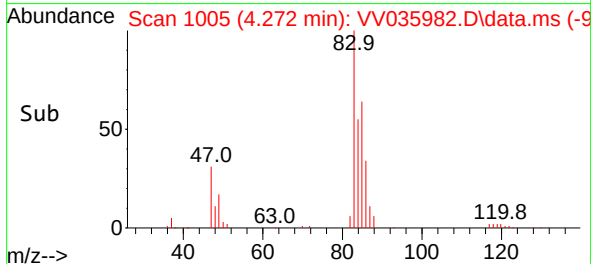
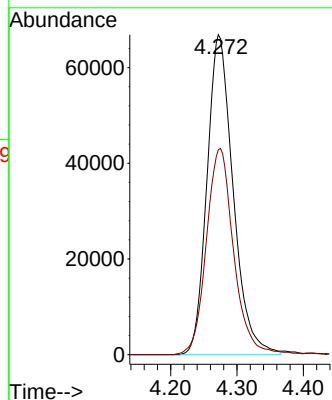
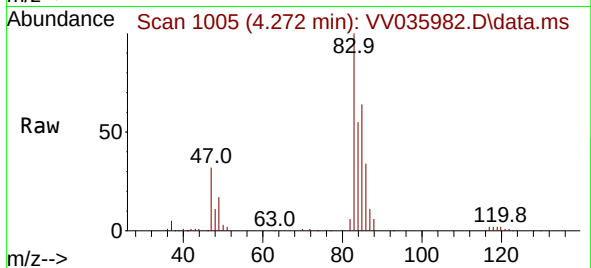
#25
Chloroform
Concen: 13.629 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.003 min
Lab File: VV035982.D
Acq: 06 Jun 2024 13:10

Instrument :
MSVOA_V
ClientSampleId :
A4BN3MS

Tgt Ion: 83 Resp: 18290
Ion Ratio Lower Upper
83 100
85 64.1 45.2 84.0

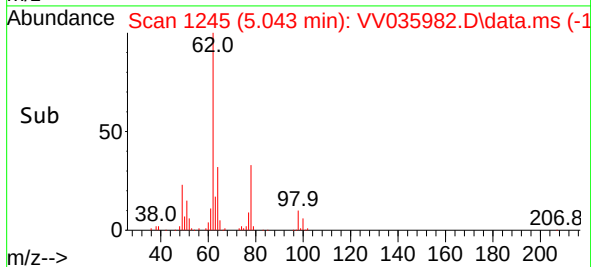
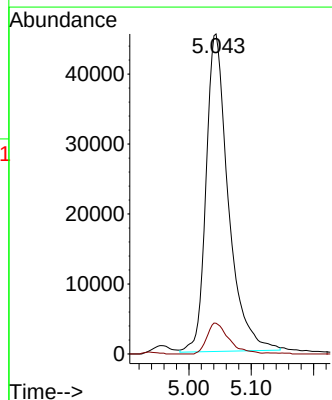
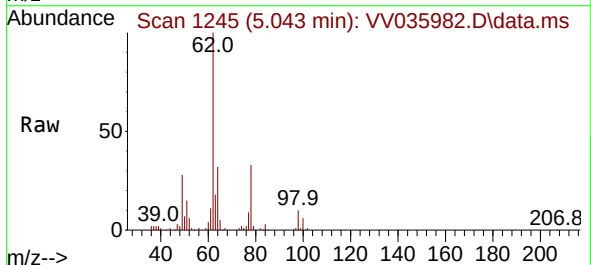
Manual Integrations
APPROVED

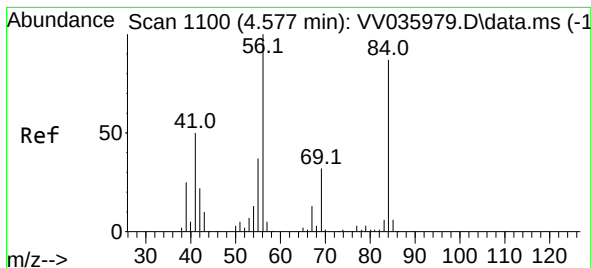
Reviewed By :Mahesh Dadoda 06/07/2024
Supervised By :Semsettin Yesilyurt 06/07/2024



#27
1,2-Dichloroethane
Concen: 13.471 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. 0.007 min
Lab File: VV035982.D
Acq: 06 Jun 2024 13:10

Tgt Ion: 62 Resp: 112866
Ion Ratio Lower Upper
62 100
98 9.6 7.8 11.6





#29

Cyclohexane

Concen: 6.984 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VV035982.D

Acq: 06 Jun 2024 13:10

Instrument :

MSVOA_V

ClientSampleId :

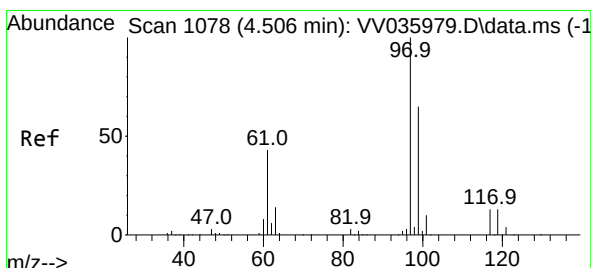
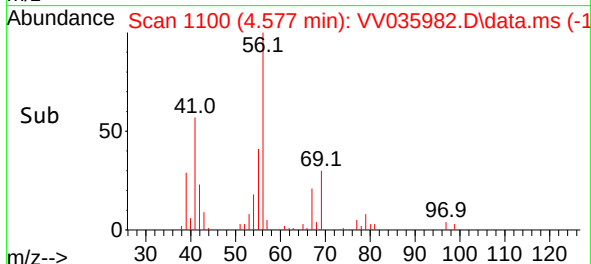
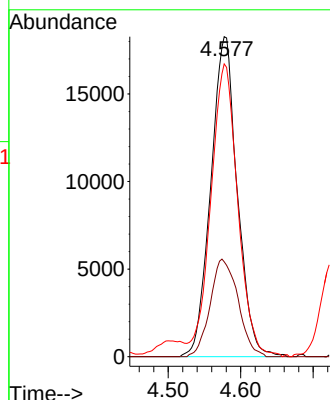
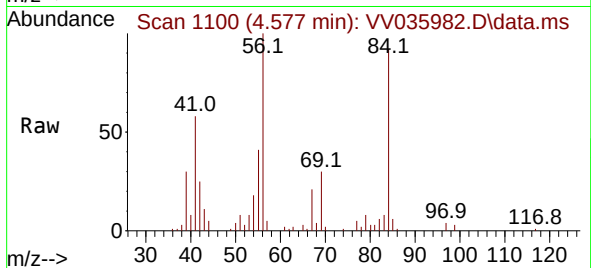
A4BN3MS

Tgt Ion: 56	Resp: 4640
Ion Ratio	Lower Upper
56	100
69	32.1 25.2 37.8
84	93.1 72.2 108.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/07/2024
Supervised By :Semsettin Yesilyurt 06/07/2024



#30

1,1,1-Trichloroethane

Concen: 17.334 ug/L

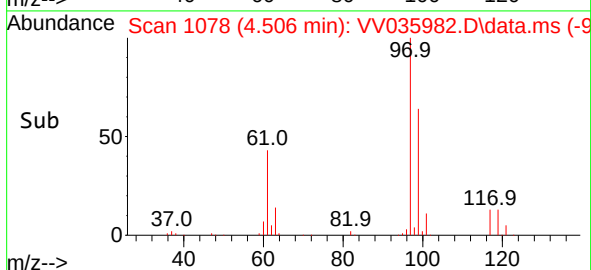
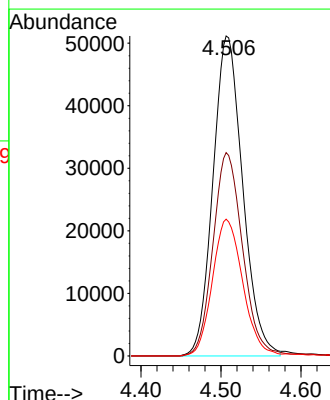
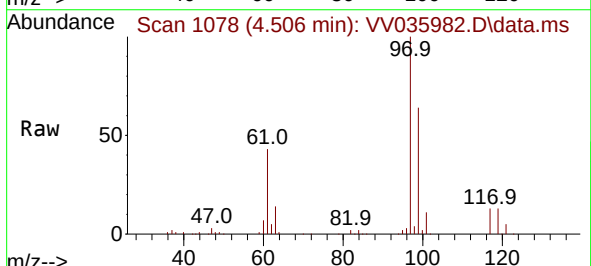
RT: 4.506 min Scan# 1078

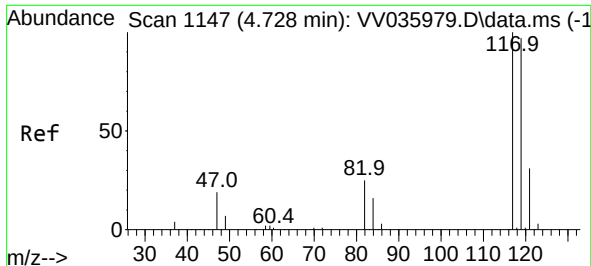
Delta R.T. 0.000 min

Lab File: VV035982.D

Acq: 06 Jun 2024 13:10

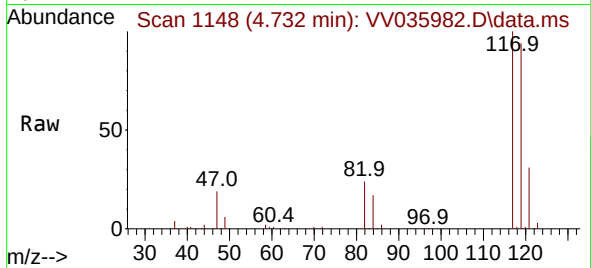
Tgt Ion: 97	Resp: 132223
Ion Ratio	Lower Upper
97	100
99	63.2 50.9 76.3
61	43.6 35.0 52.6





#31
Carbon tetrachloride
Concen: 14.427 ug/L
RT: 4.732 min Scan# 1147
Delta R.T. 0.003 min
Lab File: VV035982.D
Acq: 06 Jun 2024 13:10

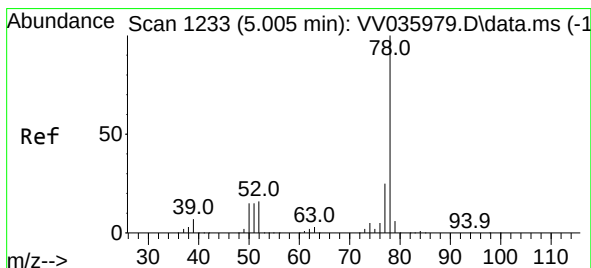
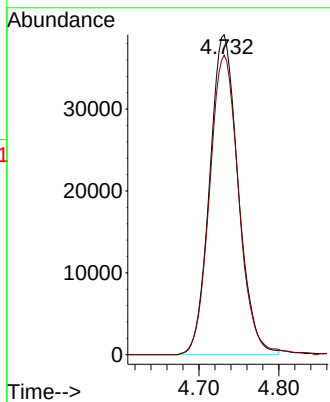
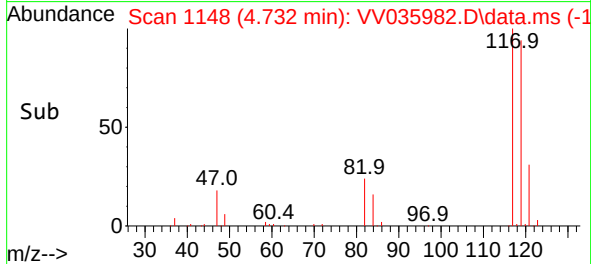
Instrument :
MSVOA_V
ClientSampleId :
A4BN3MS



Tgt Ion:117 Resp: 96549
Ion Ratio Lower Upper
117 100
119 95.3 76.8 115.2

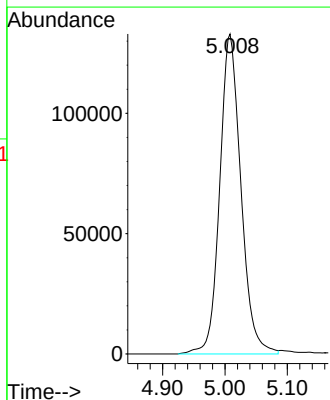
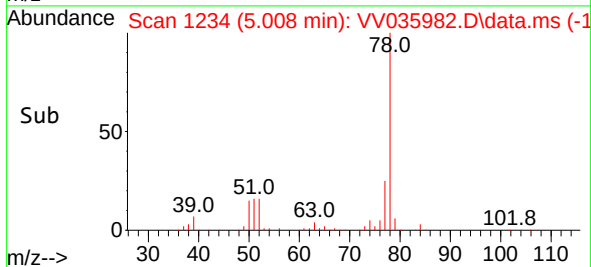
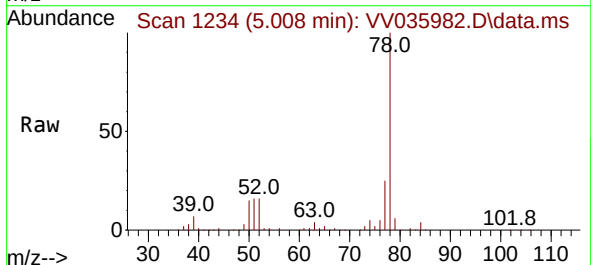
Manual Integrations
APPROVED

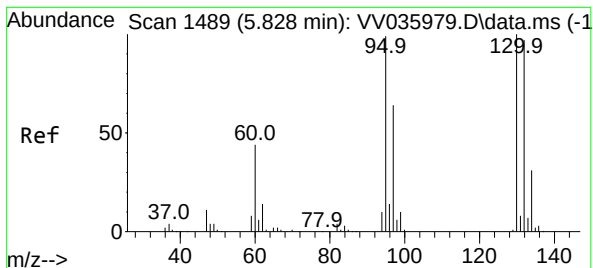
Reviewed By :Mahesh Dadoda 06/07/2024
Supervised By :Semsettin Yesilyurt 06/07/2024



#33
Benzene
Concen: 17.188 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.003 min
Lab File: VV035982.D
Acq: 06 Jun 2024 13:10

Tgt Ion: 78 Resp: 313662





#34

Trichloroethene

Concen: 13.418 ug/L

RT: 5.831 min Scan# 1489

Delta R.T. 0.003 min

Lab File: VV035982.D

Acq: 06 Jun 2024 13:10

Instrument :

MSVOA_V

ClientSampleId :

A4BN3MS

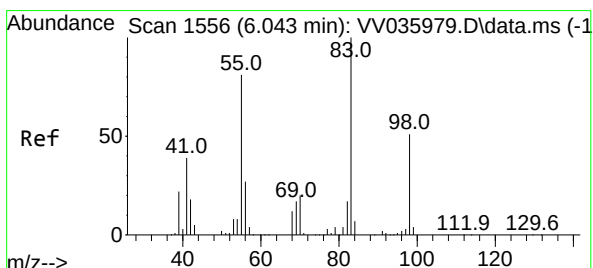
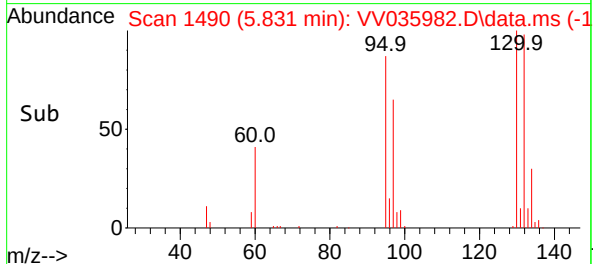
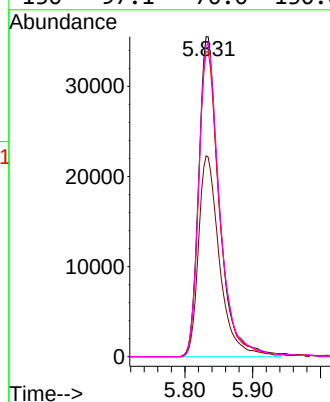
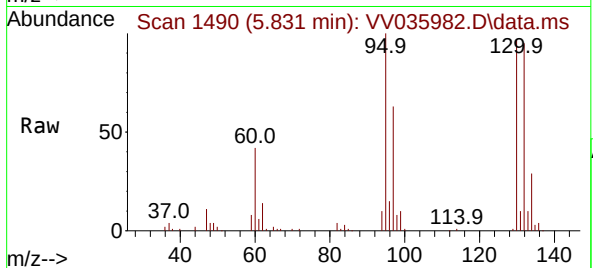
Tgt Ion: 95 Resp: 75040

Ion	Ratio	Lower	Upper
95	100		
97	62.8	44.8	83.2
132	95.1	66.8	124.2
130	97.1	70.0	130.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/07/2024
Supervised By :Semsettin Yesilyurt 06/07/2024



#35

Methylcyclohexane

Concen: 4.944 ug/L

RT: 6.047 min Scan# 1557

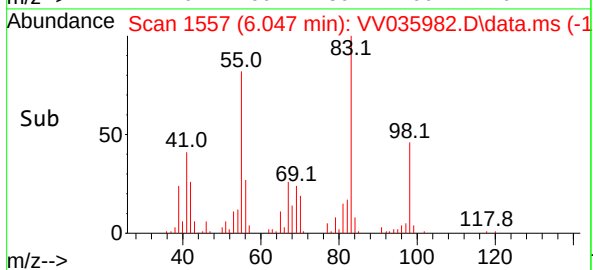
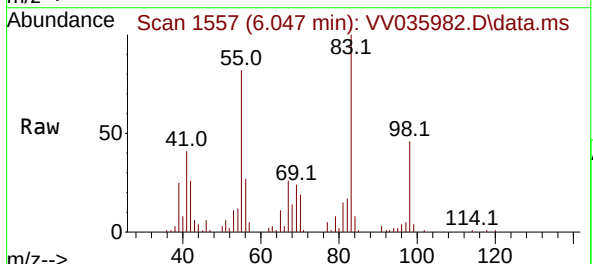
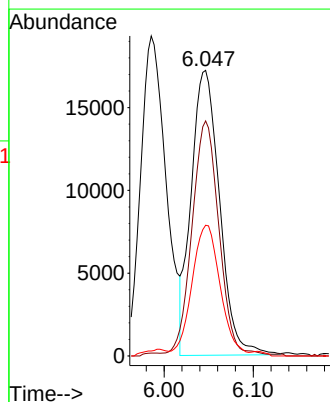
Delta R.T. 0.003 min

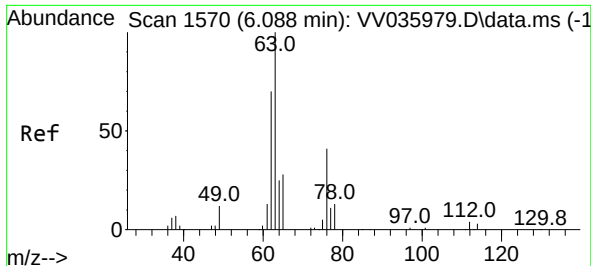
Lab File: VV035982.D

Acq: 06 Jun 2024 13:10

Tgt Ion: 83 Resp: 38244

Ion	Ratio	Lower	Upper
83	100		
55	77.5	60.7	91.1
98	45.6	38.7	58.1





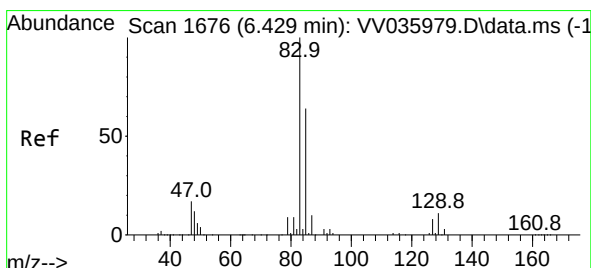
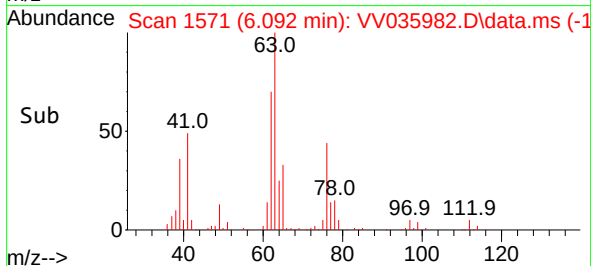
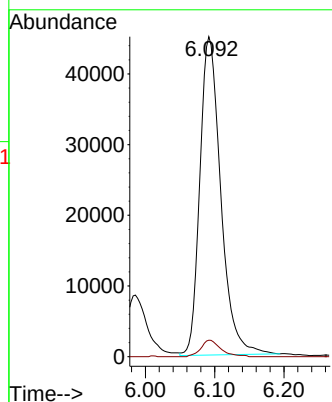
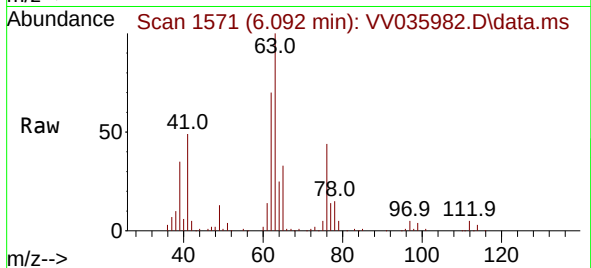
#37
1,2-Dichloropropane
Concen: 19.745 ug/L
RT: 6.092 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV035982.D
Acq: 06 Jun 2024 13:10

Instrument :
MSVOA_V
ClientSampleId :
A4BN3MS

Tgt Ion: 63 Resp: 9461
Ion Ratio Lower Upper
63 100
112 4.9 3.5 5.3

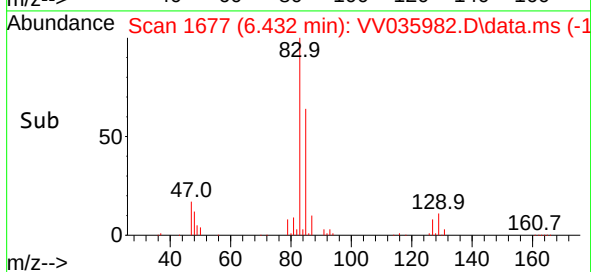
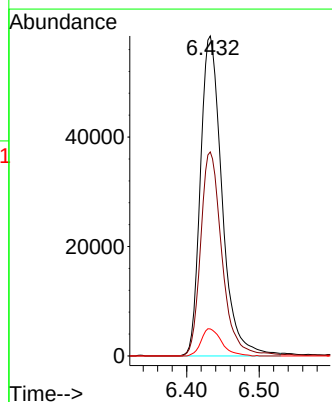
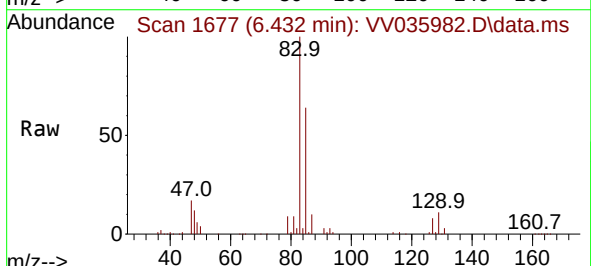
Manual Integrations
APPROVED

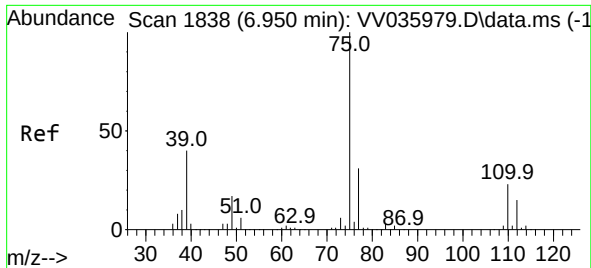
Reviewed By :Mahesh Dadoda 06/07/2024
Supervised By :Semsettin Yesilyurt 06/07/2024



#38
Bromodichloromethane
Concen: 19.088 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. 0.003 min
Lab File: VV035982.D
Acq: 06 Jun 2024 13:10

Tgt Ion: 83 Resp: 121061
Ion Ratio Lower Upper
83 100
85 63.7 45.3 84.1
127 8.5 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 14.849 ug/L

RT: 6.953 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV035982.D

Acq: 06 Jun 2024 13:10

Instrument :

MSVOA_V

ClientSampleId :

A4BN3MS

Tgt Ion: 75 Resp: 106424

Ion Ratio Lower Upper

75 100

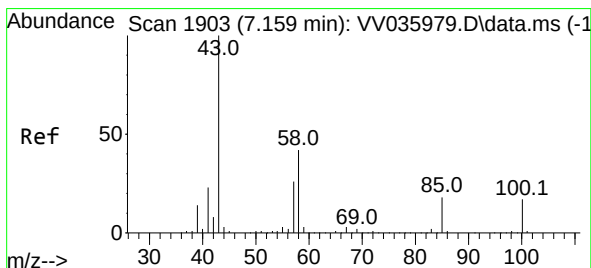
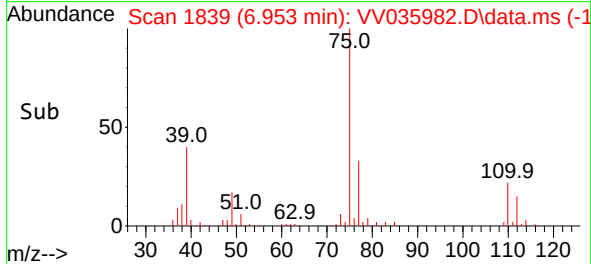
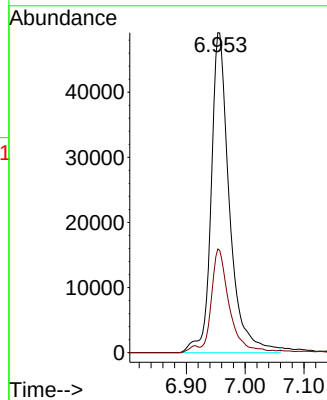
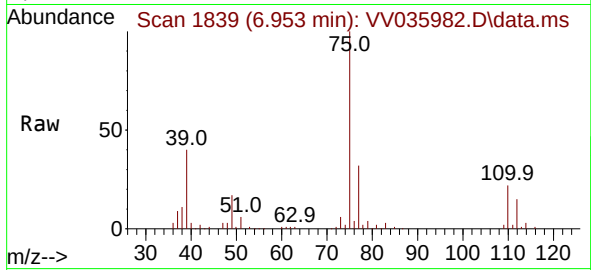
77 32.4 22.1 41.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/07/2024

Supervised By :Semsettin Yesilyurt 06/07/2024



#40

4-Methyl-2-pentanone

Concen: 43.154 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.003 min

Lab File: VV035982.D

Acq: 06 Jun 2024 13:10

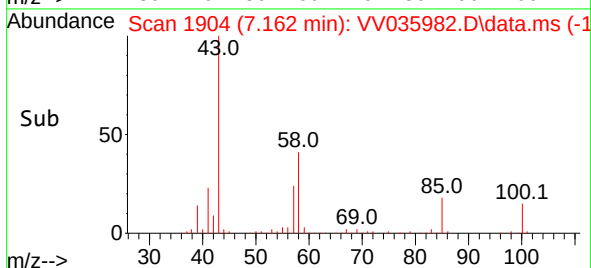
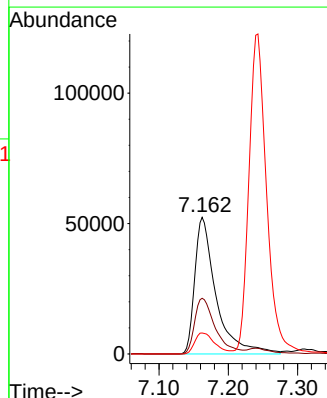
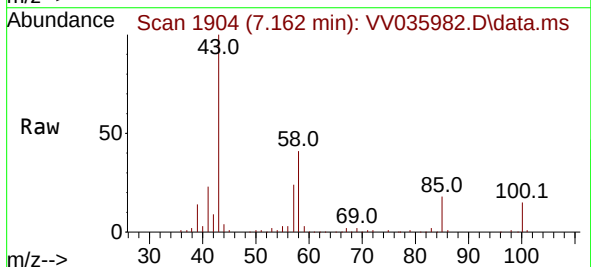
Tgt Ion: 43 Resp: 112349

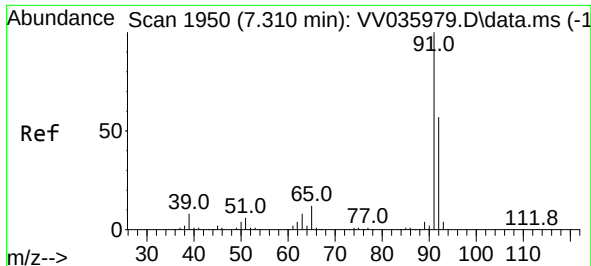
Ion Ratio Lower Upper

43 100

58 39.6 32.5 48.7

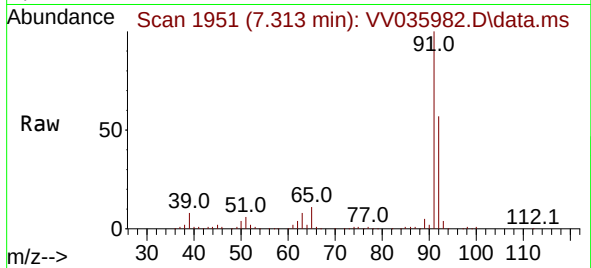
100 14.5 12.5 18.7





#42
Toluene
Concen: 13.920 ug/L
RT: 7.313 min Scan# 1951
Delta R.T. 0.003 min
Lab File: VV035982.D
Acq: 06 Jun 2024 13:10

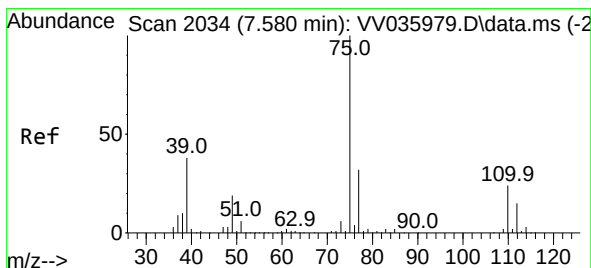
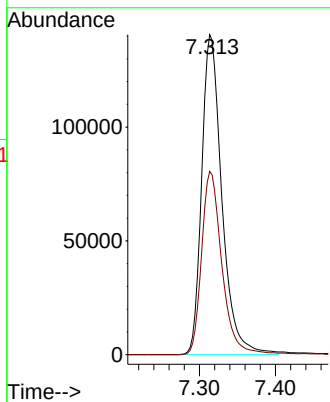
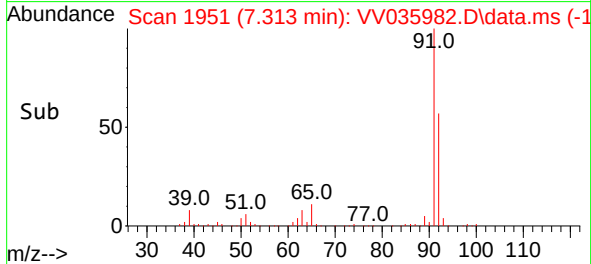
Instrument :
MSVOA_V
ClientSampleId :
A4BN3MS



Tgt Ion: 91 Resp: 259564
Ion Ratio Lower Upper
91 100
92 57.3 40.6 75.4

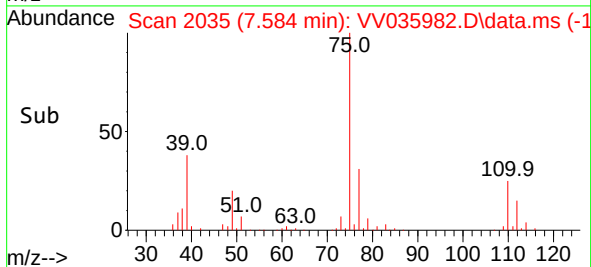
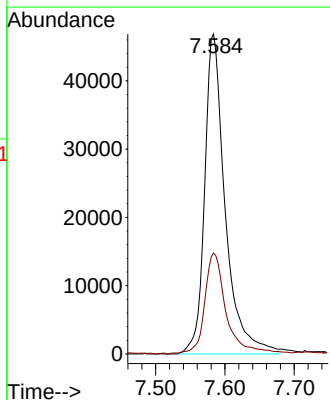
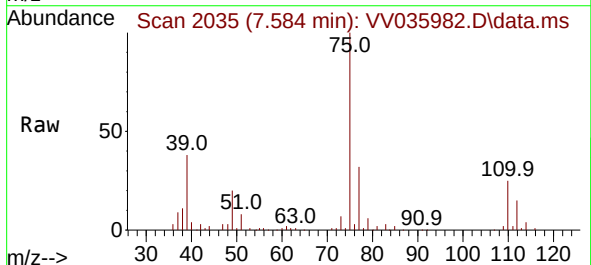
Manual Integrations
APPROVED

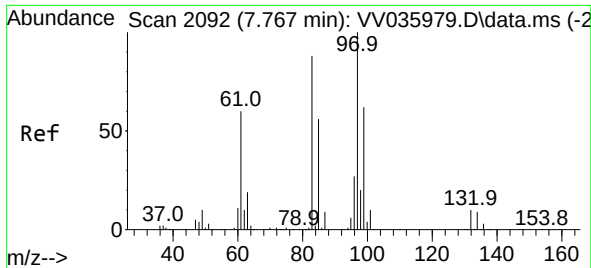
Reviewed By :Mahesh Dadoda 06/07/2024
Supervised By :Semsettin Yesilyurt 06/07/2024



#44
trans-1,3-Dichloropropene
Concen: 15.597 ug/L
RT: 7.584 min Scan# 2035
Delta R.T. 0.003 min
Lab File: VV035982.D
Acq: 06 Jun 2024 13:10

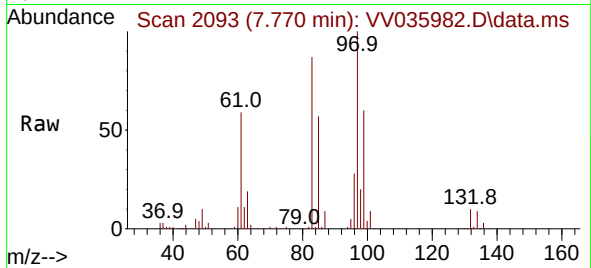
Tgt Ion: 75 Resp: 96553
Ion Ratio Lower Upper
75 100
77 31.5 23.1 42.9





#45
1,1,2-Trichloroethane
Concen: 18.938 ug/L
RT: 7.770 min Scan# 2092
Delta R.T. 0.003 min
Lab File: VV035982.D
Acq: 06 Jun 2024 13:10

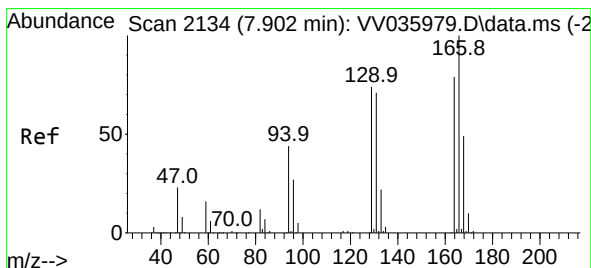
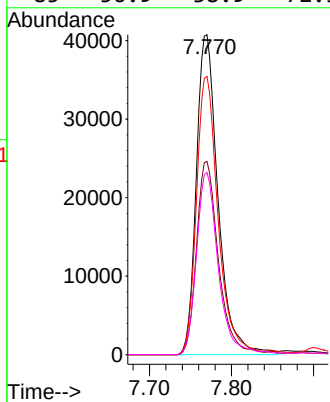
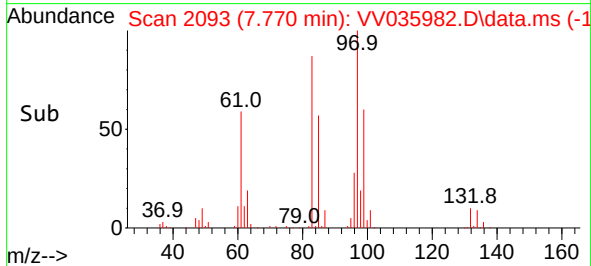
Instrument :
MSVOA_V
ClientSampleId :
A4BN3MS



Tgt Ion: 97 Resp: 75085
Ion Ratio Lower Upper
97 100
99 60.4 43.3 80.5
83 87.0 60.1 111.7
85 56.9 38.9 72.3

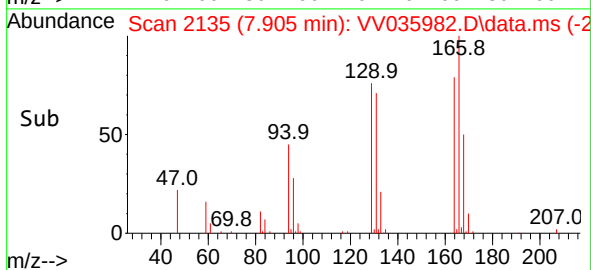
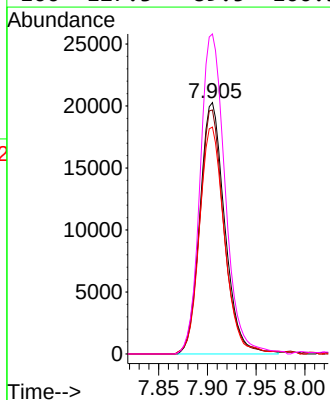
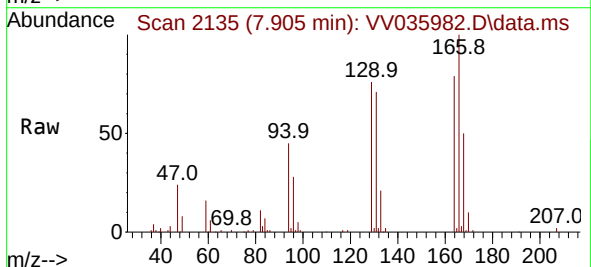
Manual Integrations
APPROVED

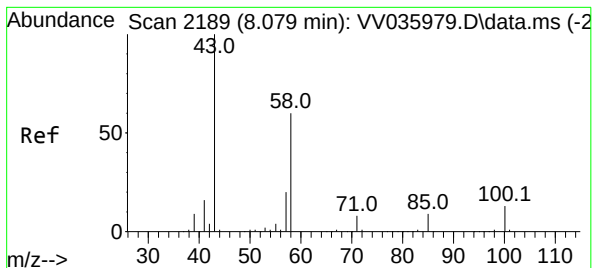
Reviewed By :Mahesh Dadoda 06/07/2024
Supervised By :Semsettin Yesilyurt 06/07/2024



#46
Tetrachloroethene
Concen: 8.771 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV035982.D
Acq: 06 Jun 2024 13:10

Tgt Ion:164 Resp: 35877
Ion Ratio Lower Upper
164 100
129 97.1 64.6 120.0
131 90.3 63.2 117.4
166 127.3 89.5 166.3





#48

2-Hexanone

Concen: 40.138 ug/L

RT: 8.082 min Scan# 2189

Delta R.T. 0.003 min

Lab File: VV035982.D

Acq: 06 Jun 2024 13:10

Instrument :

MSVOA_V

ClientSampleId :

A4BN3MS

Tgt Ion: 43 Resp: 8169

Ion Ratio Lower Upper

43 100

58 51.7 45.4 68.0

57 18.3 15.8 23.8

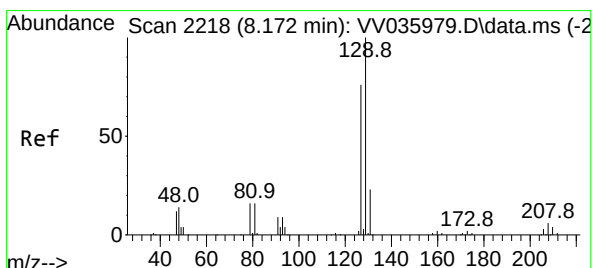
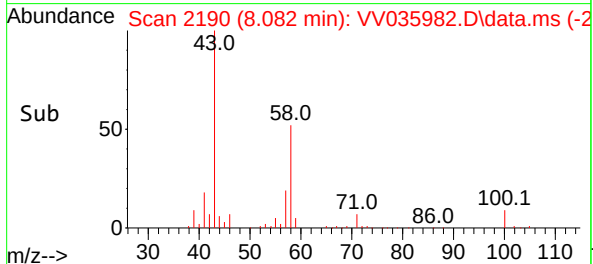
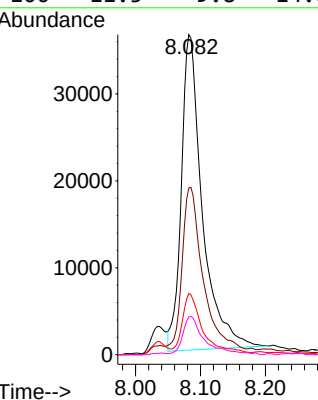
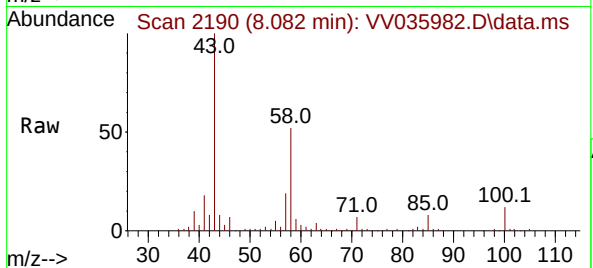
100 11.5 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/07/2024

Supervised By :Semsettin Yesilyurt 06/07/2024



#49

Dibromochloromethane

Concen: 16.680 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. 0.003 min

Lab File: VV035982.D

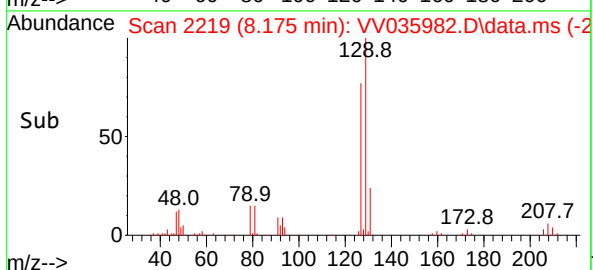
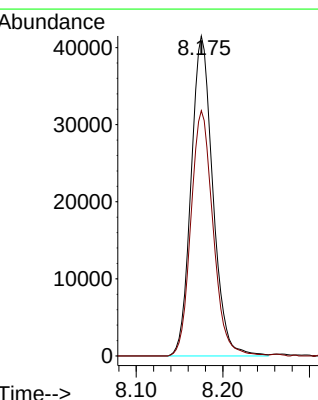
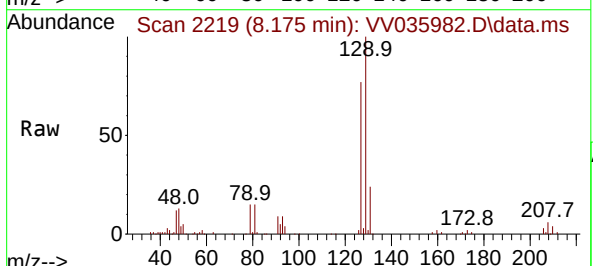
Acq: 06 Jun 2024 13:10

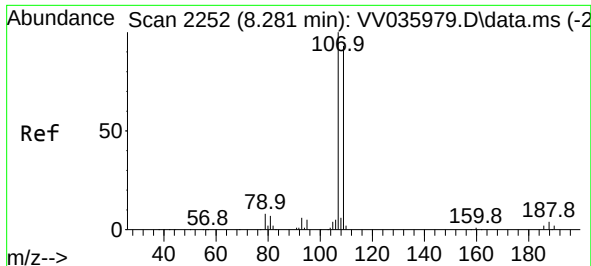
Tgt Ion:129 Resp: 72380

Ion Ratio Lower Upper

129 100

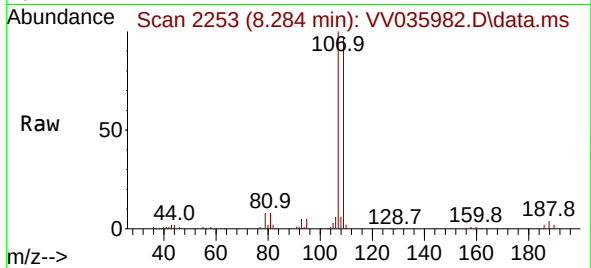
127 76.7 53.9 100.1





#50
1,2-Dibromoethane
Concen: 16.508 ug/L
RT: 8.284 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035982.D
Acq: 06 Jun 2024 13:10

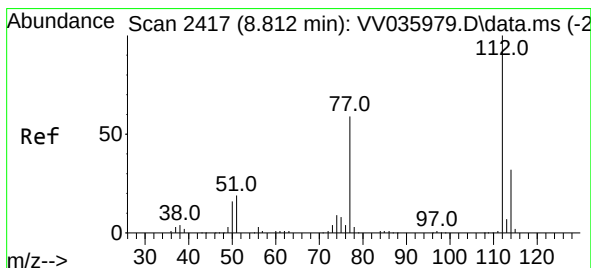
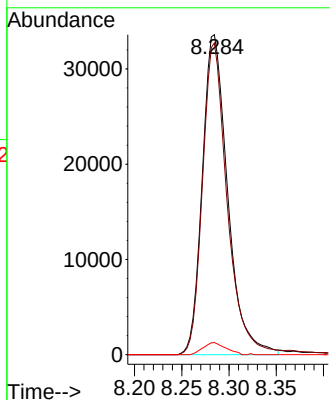
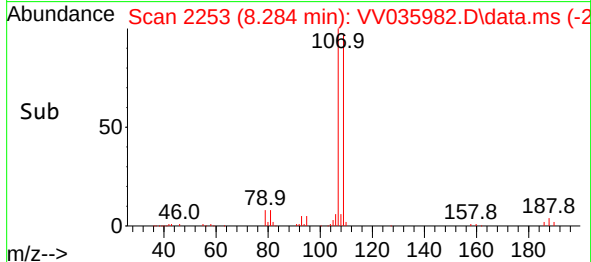
Instrument :
MSVOA_V
ClientSampleId :
A4BN3MS



Tgt Ion:107 Resp: 62804
Ion Ratio Lower Upper
107 100
109 97.4 66.1 122.7
188 3.8 3.0 4.6

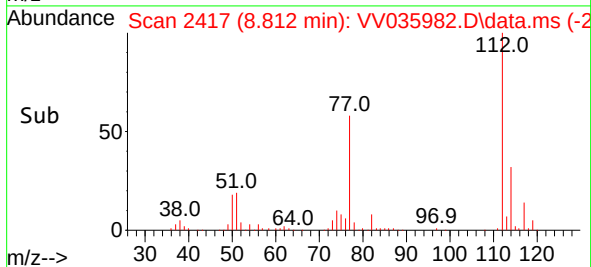
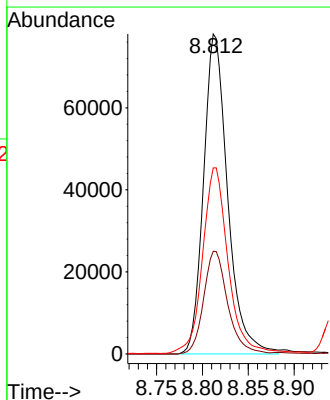
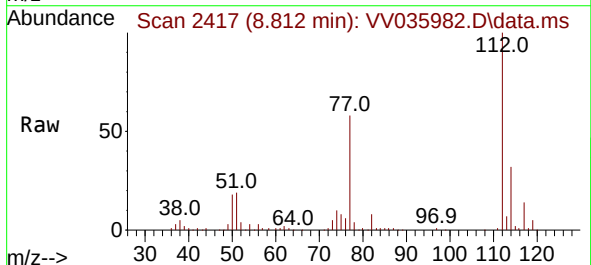
Manual Integrations
APPROVED

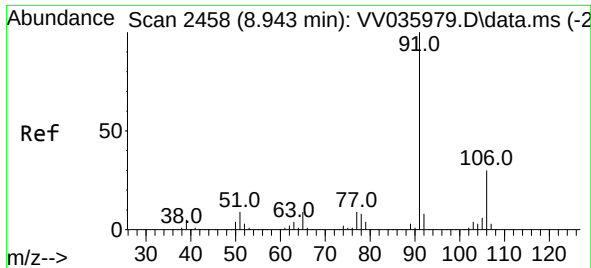
Reviewed By :Mahesh Dadoda 06/07/2024
Supervised By :Semsettin Yesilyurt 06/07/2024



#51
Chlorobenzene
Concen: 11.230 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV035982.D
Acq: 06 Jun 2024 13:10

Tgt Ion:112 Resp: 142680
Ion Ratio Lower Upper
112 100
114 32.1 22.3 41.5
77 58.1 47.3 70.9





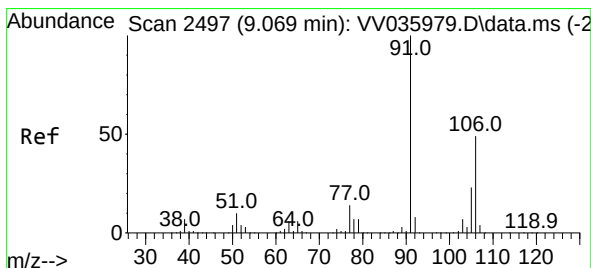
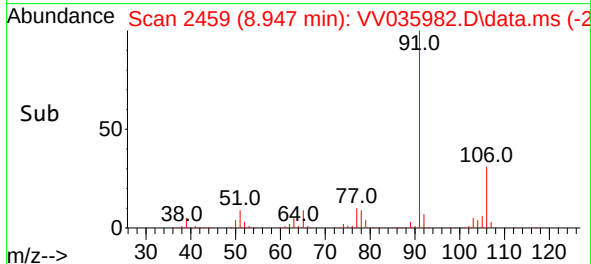
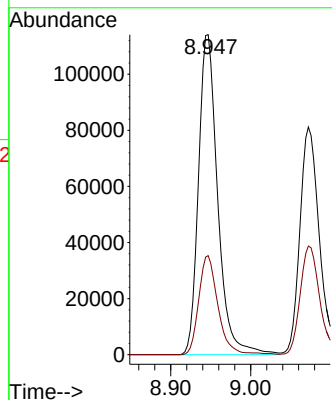
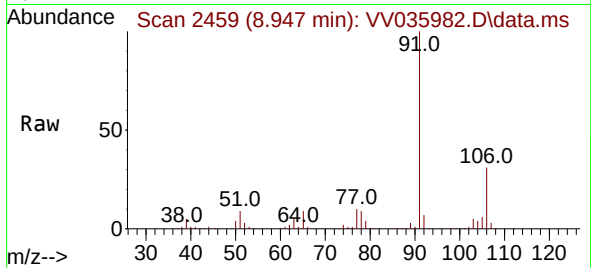
#52
Ethylbenzene
Concen: 9.585 ug/L
RT: 8.947 min Scan# 2458
Delta R.T. 0.003 min
Lab File: VV035982.D
Acq: 06 Jun 2024 13:10

Instrument :
MSVOA_V
ClientSampleId :
A4BN3MS

Tgt Ion: 91 Resp: 191238
Ion Ratio Lower Upper
91 100
106 31.0 21.6 40.0

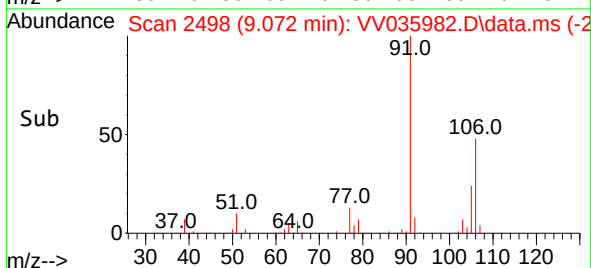
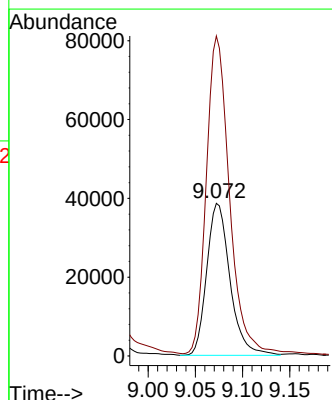
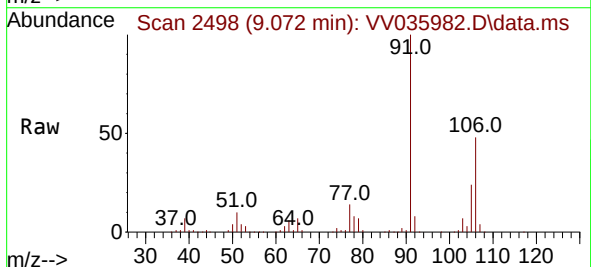
Manual Integrations
APPROVED

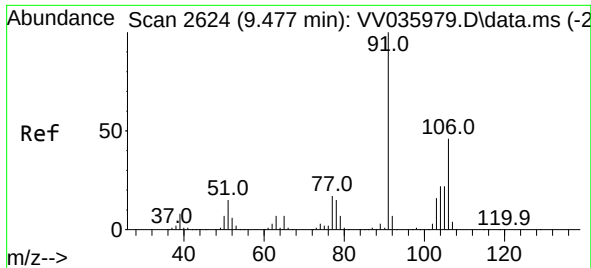
Reviewed By :Mahesh Dadoda 06/07/2024
Supervised By :Semsettin Yesilyurt 06/07/2024



#53
m,p-Xylene
Concen: 8.799 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.003 min
Lab File: VV035982.D
Acq: 06 Jun 2024 13:10

Tgt Ion:106 Resp: 65964
Ion Ratio Lower Upper
106 100
91 209.6 143.1 265.9





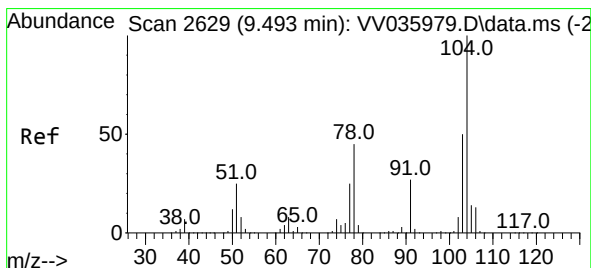
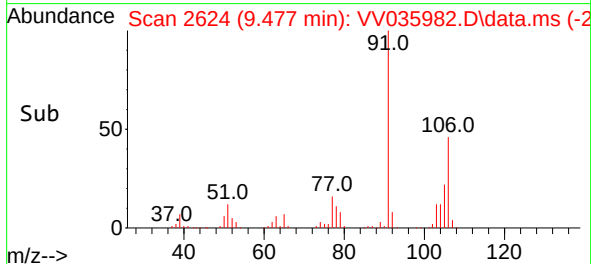
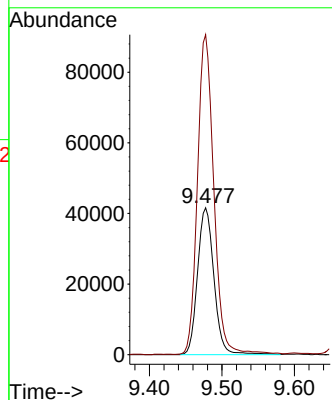
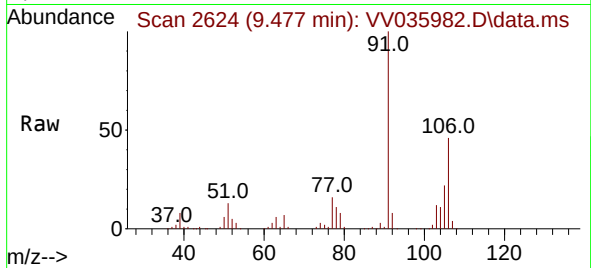
#54
o-Xylene
Concen: 9.268 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV035982.D
Acq: 06 Jun 2024 13:10

Instrument :
MSVOA_V
ClientSampleId :
A4BN3MS

Tgt Ion:106 Resp: 65518
Ion Ratio Lower Upper
106 100
91 217.9 154.5 286.9

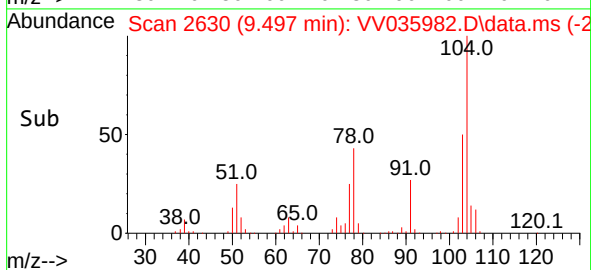
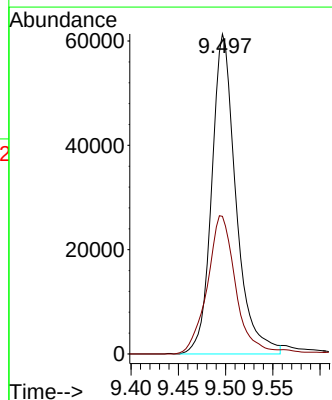
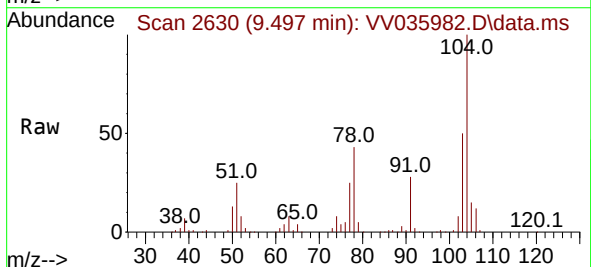
Manual Integrations
APPROVED

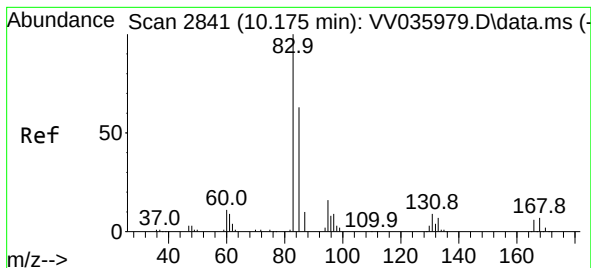
Reviewed By :Mahesh Dadoda 06/07/2024
Supervised By :Semsettin Yesilyurt 06/07/2024



#55
Styrene
Concen: 8.793 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.003 min
Lab File: VV035982.D
Acq: 06 Jun 2024 13:10

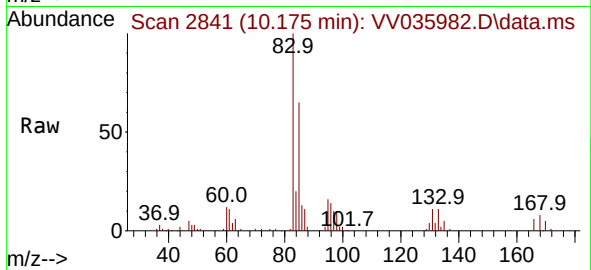
Tgt Ion:104 Resp: 109618
Ion Ratio Lower Upper
104 100
78 43.0 31.4 58.2





#57
1,1,2,2-Tetrachloroethane
Concen: 17.127 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV035982.D
Acq: 06 Jun 2024 13:10

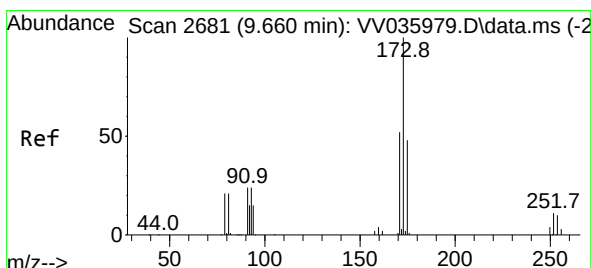
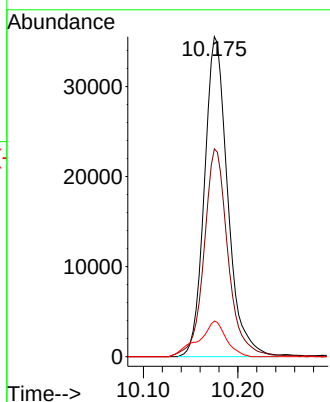
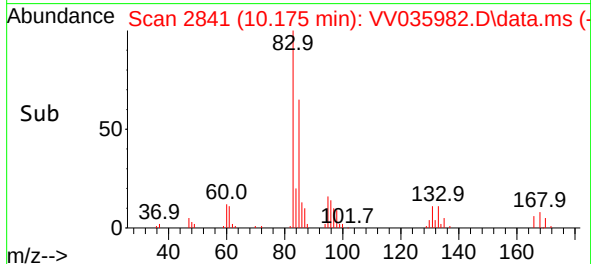
Instrument : MSVOA_V
ClientSampleId : A4BN3MS



Tgt Ion: 83 Resp: 60800
Ion Ratio Lower Upper
83 100
85 64.9 45.1 83.7
131 11.2 7.6 11.4

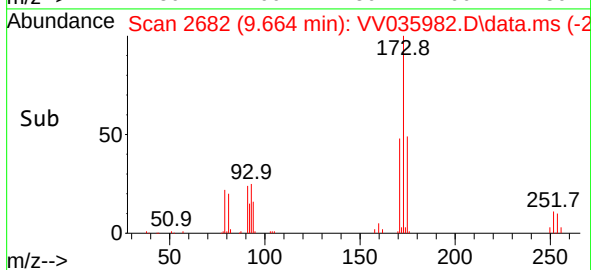
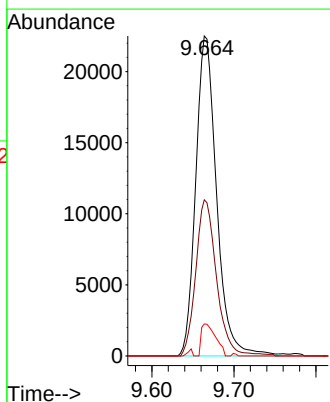
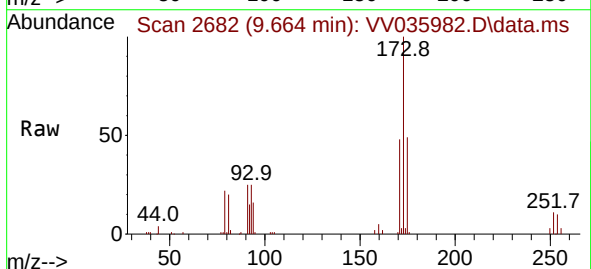
Manual Integrations
APPROVED

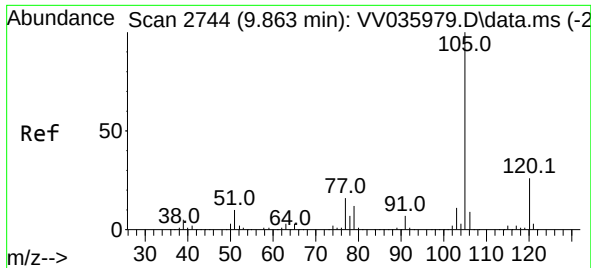
Reviewed By :Mahesh Dadoda 06/07/2024
Supervised By :Semsettin Yesilyurt 06/07/2024



#59
Bromoform
Concen: 30.387 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.003 min
Lab File: VV035982.D
Acq: 06 Jun 2024 13:10

Tgt Ion:173 Resp: 39726
Ion Ratio Lower Upper
173 100
175 48.2 39.0 58.6
254 6.9 8.6 13.0#





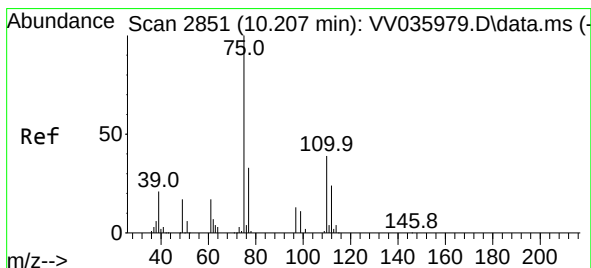
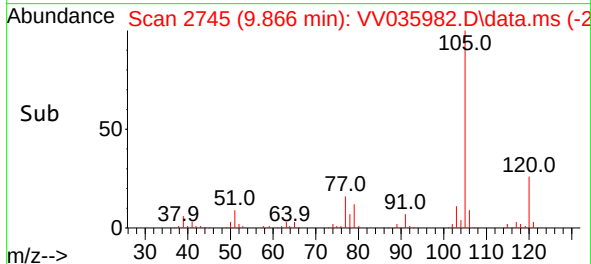
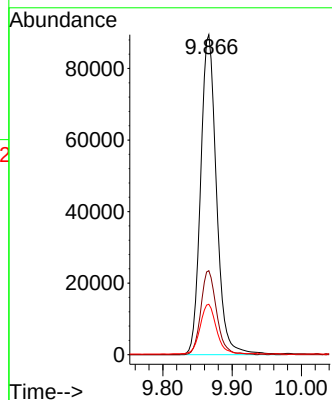
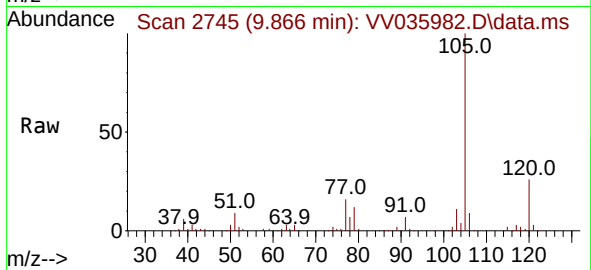
#60
Isopropylbenzene
Concen: 16.001 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035982.D
Acq: 06 Jun 2024 13:10

Instrument :
MSVOA_V
ClientSampleId :
A4BN3MS

Tgt Ion:105 Resp: 14231
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.6
77 16.0 12.6 18.8

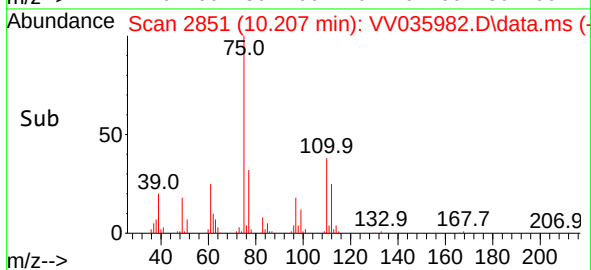
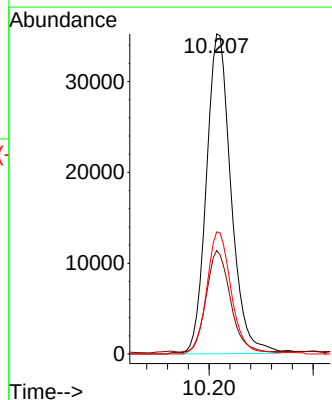
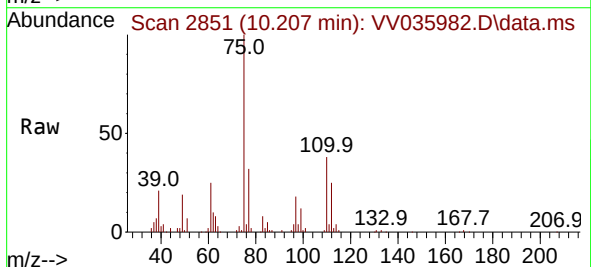
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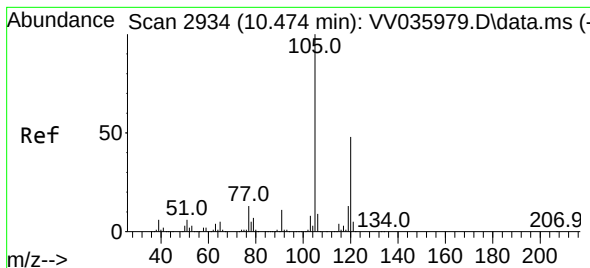
Reviewed By :Mahesh Dadoda 06/07/2024
Supervised By :Semsettin Yesilyurt 06/07/2024



#61
1,2,3-Trichloropropane
Concen: 35.431 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV035982.D
Acq: 06 Jun 2024 13:10

Tgt Ion: 75 Resp: 58091
Ion Ratio Lower Upper
75 100
77 30.6 26.0 39.0
110 38.0 32.2 48.4





#62

1,3,5-Trimethylbenzene

Concen: 12.913 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035982.D

Acq: 06 Jun 2024 13:10

Instrument :

MSVOA_V

ClientSampleId :

A4BN3MS

Tgt Ion:105 Resp: 8328

Ion Ratio Lower Upper

105 100

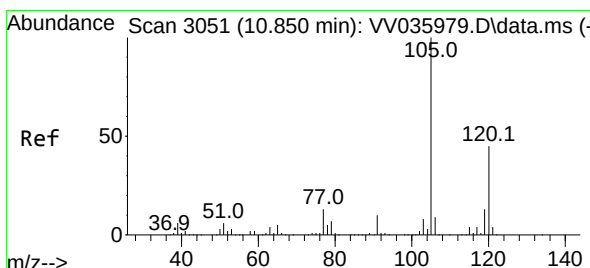
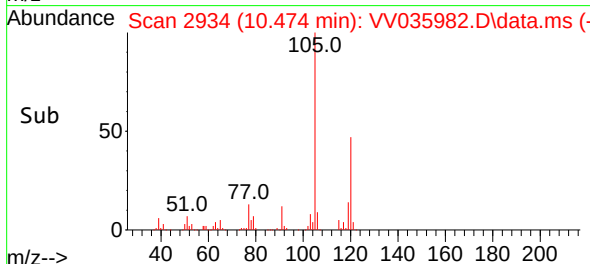
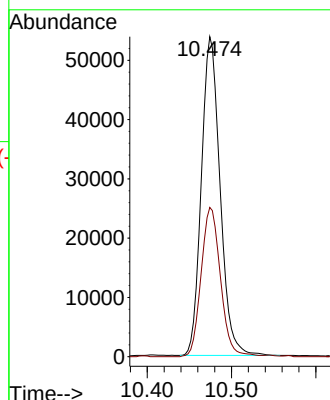
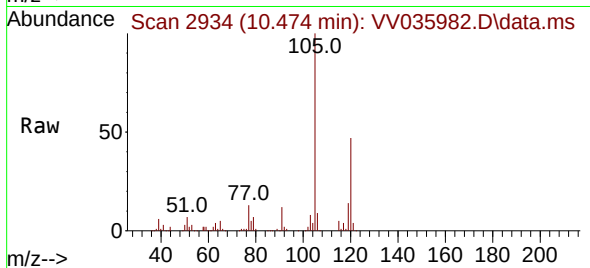
120 48.3 38.6 58.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/07/2024

Supervised By :Semsettin Yesilyurt 06/07/2024



#63

1,2,4-Trimethylbenzene

Concen: 11.252 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV035982.D

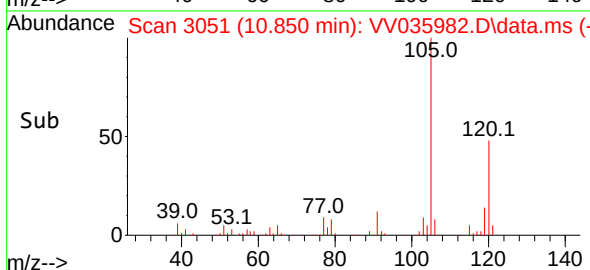
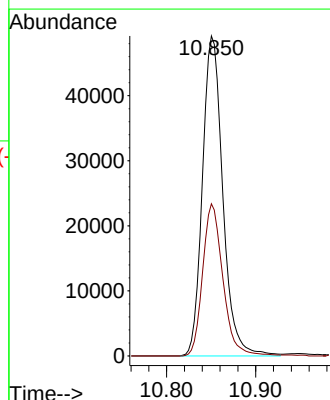
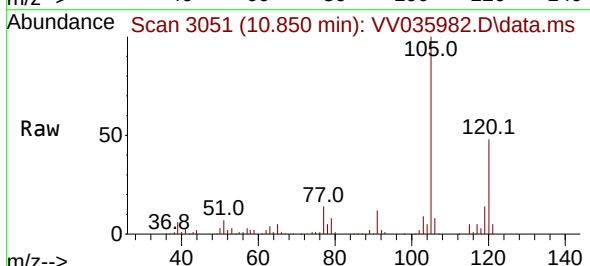
Acq: 06 Jun 2024 13:10

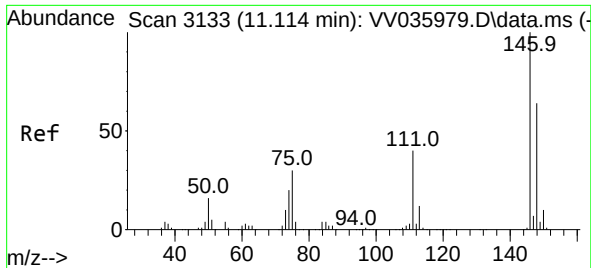
Tgt Ion:105 Resp: 78184

Ion Ratio Lower Upper

105 100

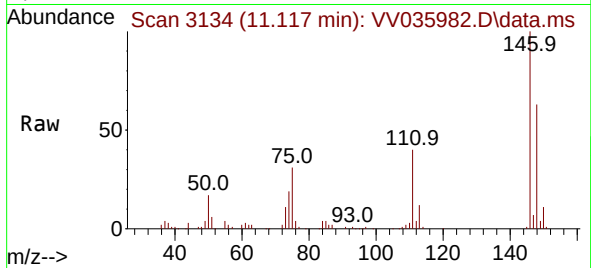
120 47.1 36.2 54.4





#64
1,3-Dichlorobenzene
Concen: 11.420 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.003 min
Lab File: VV035982.D
Acq: 06 Jun 2024 13:10

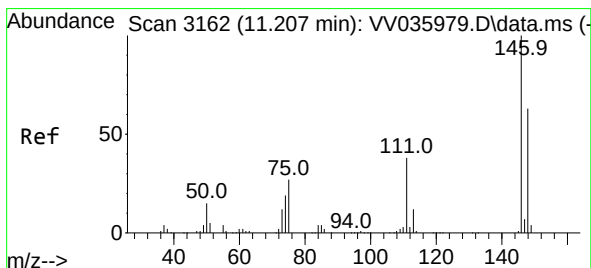
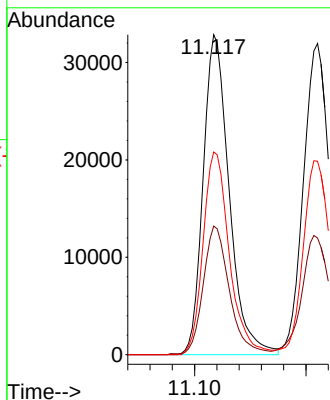
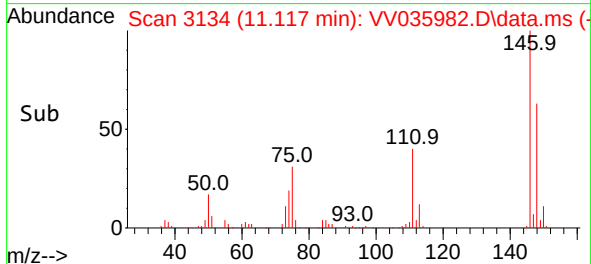
Instrument :
MSVOA_V
ClientSampleId :
A4BN3MS



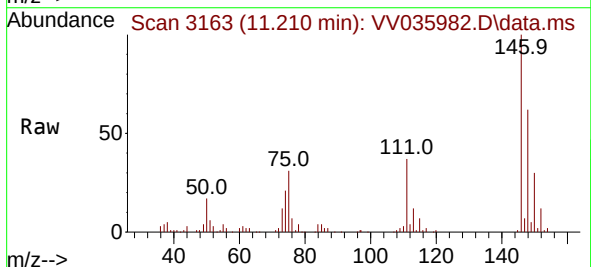
Tgt Ion:146 Resp: 5334
Ion Ratio Lower Upper
146 100
111 40.2 28.1 52.1
148 63.4 44.7 83.1

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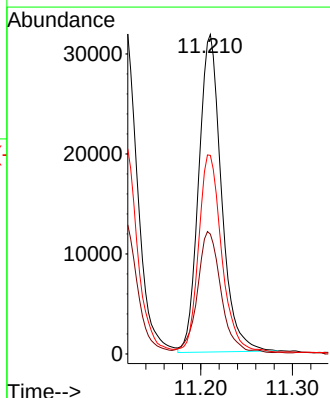
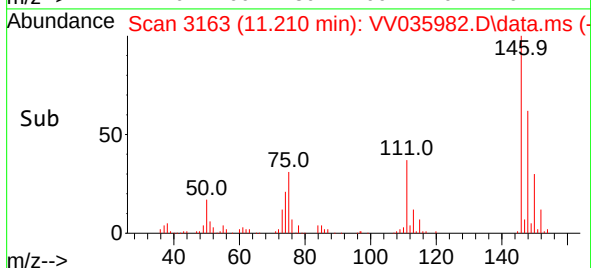
Reviewed By :Mahesh Dadoda 06/07/2024
Supervised By :Semsettin Yesilyurt 06/07/2024

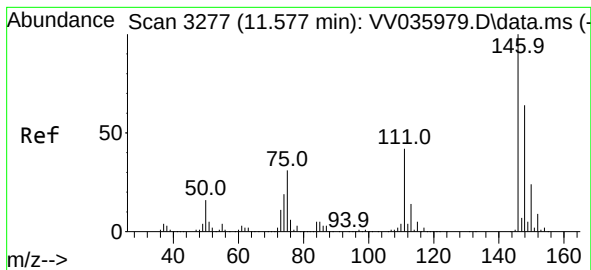


#65
1,4-Dichlorobenzene
Concen: 11.344 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV035982.D
Acq: 06 Jun 2024 13:10



Tgt Ion:146 Resp: 54690
Ion Ratio Lower Upper
146 100
111 37.5 26.9 50.1
148 62.1 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 11.505 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV035982.D

Acq: 06 Jun 2024 13:10

Instrument :

MSVOA_V

ClientSampleId :

A4BN3MS

Tgt Ion:146 Resp: 5056

Ion Ratio Lower Upper

146 100

111 43.9 33.5 50.3

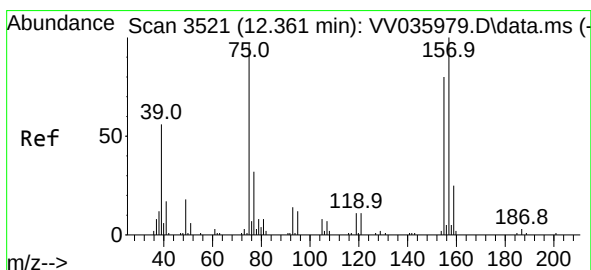
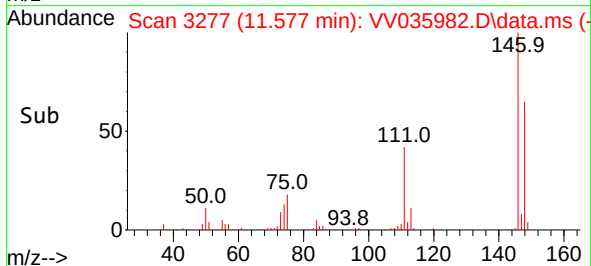
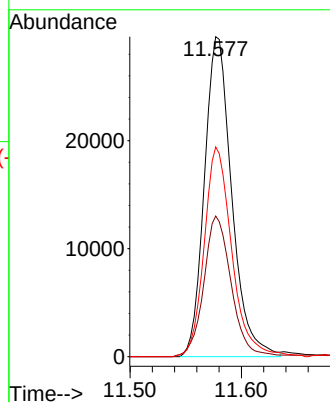
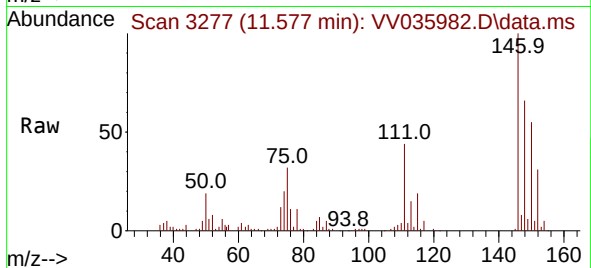
148 65.6 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/07/2024

Supervised By :Semsettin Yesilyurt 06/07/2024



#68

1,2-Dibromo-3-chloropropane

Concen: 25.598 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.003 min

Lab File: VV035982.D

Acq: 06 Jun 2024 13:10

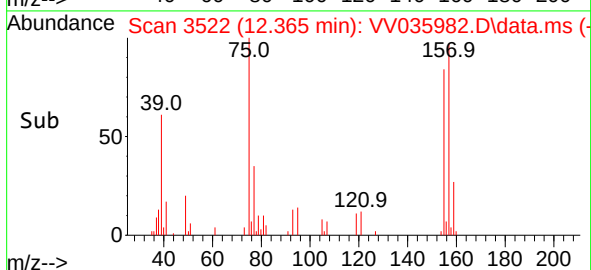
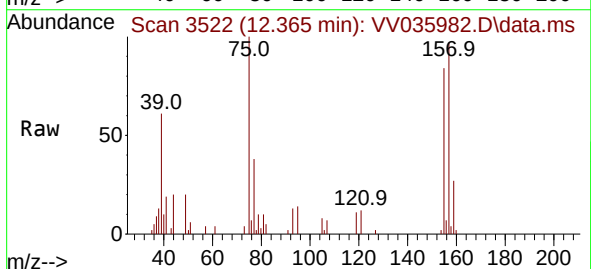
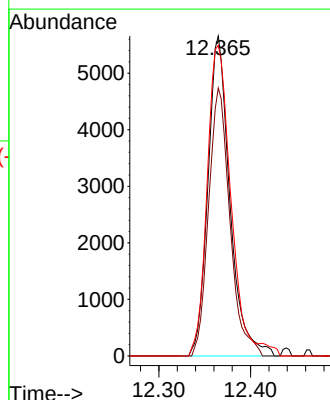
Tgt Ion: 75 Resp: 9385

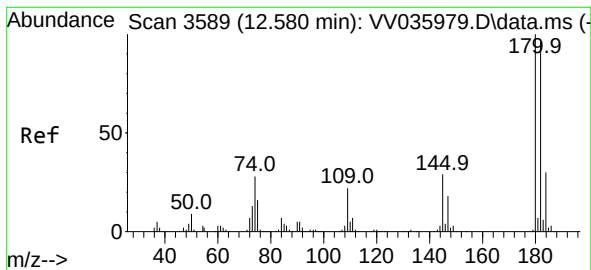
Ion Ratio Lower Upper

75 100

155 83.7 63.3 94.9

157 97.1 82.4 123.6





#69

1,3,5-Trichlorobenzene

Concen: 5.497 ug/L

RT: 12.583 min Scan# 3589

Delta R.T. 0.003 min

Lab File: VV035982.D

Acq: 06 Jun 2024 13:10

Instrument :

MSVOA_V

ClientSampleId :

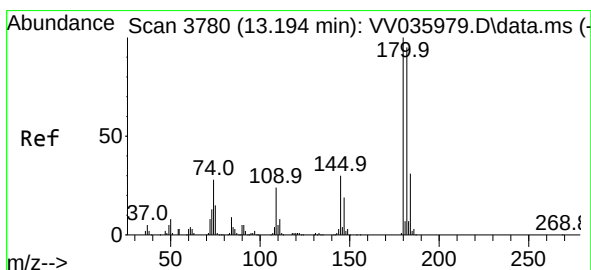
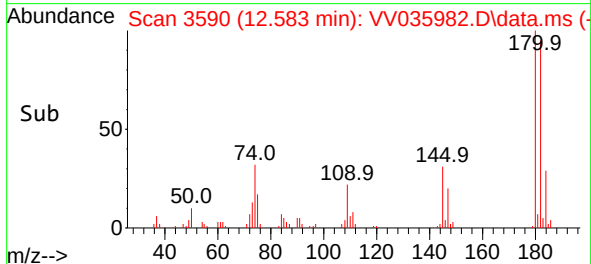
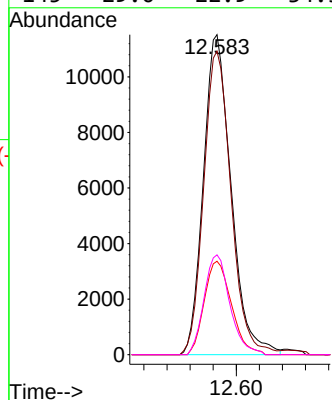
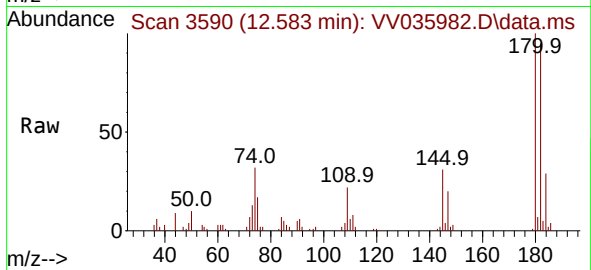
A4BN3MS

Tgt Ion:	180	Resp:	1920
Ion Ratio	Lower	Upper	
180	100		
182	93.5	76.2	114.4
184	28.6	24.2	36.2
145	29.0	22.9	34.3

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/07/2024
Supervised By :Semsettin Yesilyurt 06/07/2024



#70

1,2,4-trichlorobenzene

Concen: 4.609 ug/L

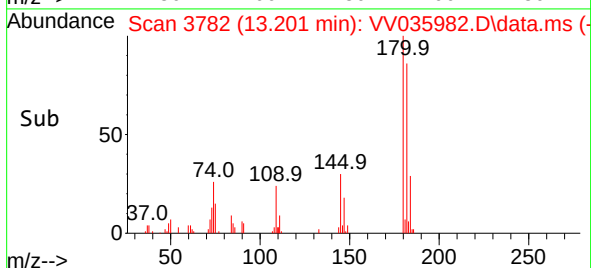
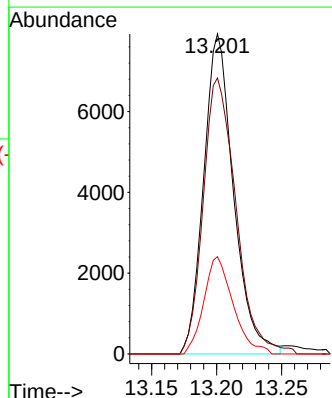
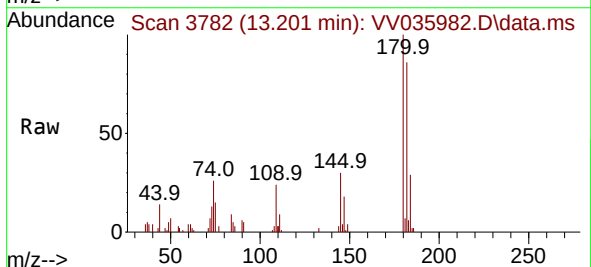
RT: 13.201 min Scan# 3782

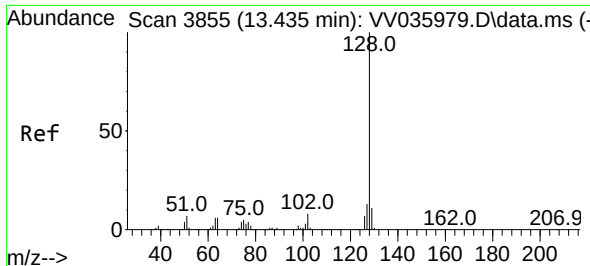
Delta R.T. 0.007 min

Lab File: VV035982.D

Acq: 06 Jun 2024 13:10

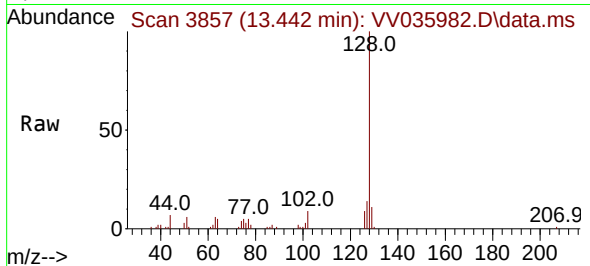
Tgt Ion:	180	Resp:	12678
Ion Ratio	Lower	Upper	
180	100		
182	93.9	76.1	114.1
145	29.8	23.5	35.3





#71
Naphthalene
Concen: 6.464 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.007 min
Lab File: VV035982.D
Acq: 06 Jun 2024 13:10

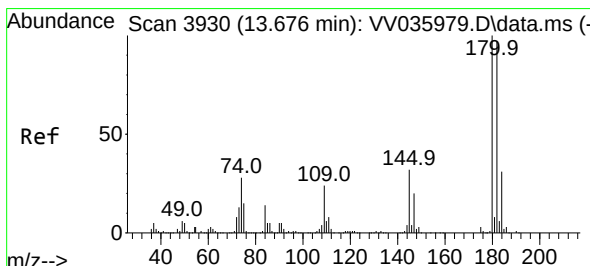
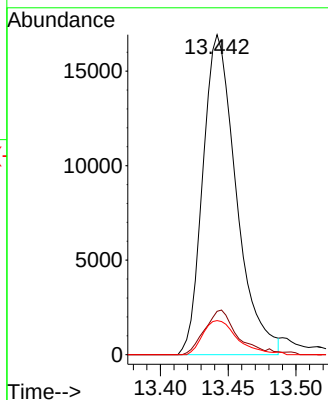
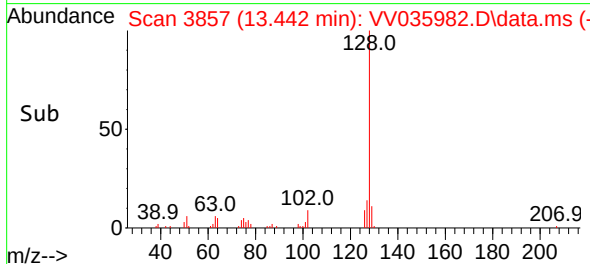
Instrument :
MSVOA_V
ClientSampleId :
A4BN3MS



Tgt Ion:128 Resp: 2902
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 11.0 8.8 13.2

Manual Integrations
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Reviewed By :Mahesh Dadoda 06/07/2024
Supervised By :Semsettin Yesilyurt 06/07/2024



#72
1,2,3-Trichlorobenzene
Concen: 3.941 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.003 min
Lab File: VV035982.D
Acq: 06 Jun 2024 13:10

Tgt Ion:180 Resp: 9894
Ion Ratio Lower Upper
180 100
182 94.0 75.1 112.7
145 29.5 25.2 37.8

