

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012025\
 Data File : VV038457.D
 Acq On : 20 Jan 2025 12:27
 Operator : SY/MD
 Sample : MDL02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/21/2025
 Supervised By : Mahesh Dadoda 01/21/2025

Quant Time: Jan 21 00:58:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 21 00:50:24 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	232273	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	245127	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	103691	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.278	65	81118	4.235	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.532	69	72114	4.483	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.056	65	37388	4.331	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	3.802	46	170730m	42.379	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.760%
24) Chloroform-d	4.243	84	157107	4.376	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	4.937	65	74463	4.526	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	4.953	84	297035	4.400	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	5.982	67	97372	4.745	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.236	98	238341	3.930	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	7.554	79	29761	3.965	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.200%
46) 2-Hexanone-d5	8.024	63	105543	35.638	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.280%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	70208	4.315	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	82293	4.689	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.105	85	5866	0.225	ug/L	94
3) Chloromethane	1.214	50	7383	0.277	ug/L	94
5) Vinyl chloride	1.281	62	6885	0.256	ug/L #	50
6) Bromomethane	1.487	94	3703	0.275	ug/L	92
8) Chloroethane	1.548	64	6273m	0.389	ug/L	
9) Trichlorofluoromethane	1.709	101	8088	0.236	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	5621	0.287	ug/L	88
12) 1,1-Dichloroethene	2.066	96	5529	0.287	ug/L #	1
14) Carbon disulfide	2.240	76	15120	0.234	ug/L	98
15) Methyl Acetate	2.410	43	2696m	0.337	ug/L	
16) Methylene chloride	2.445	84	5708	0.267	ug/L	95
17) Methyl tert-butyl Ether	2.703	73	9092	0.224	ug/L #	93
18) trans-1,2-Dichloroethene	2.693	96	4959	0.250	ug/L	92
19) 1,1-Dichloroethane	3.111	63	9217	0.245	ug/L	94
21) 2-Butanone	3.940	43	10953m	2.463	ug/L	
22) cis-1,2-Dichloroethene	3.818	96	4769	0.237	ug/L	96
23) Bromochloromethane	4.165	128	2275	0.248	ug/L	73
25) Chloroform	4.268	83	10395	0.279	ug/L	92
27) 1,2-Dichloroethane	5.069	62	5563m	0.268	ug/L	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	4.513	97	7516	0.231	ug/L	96
30) Cyclohexane	4.583	56	6188	0.208	ug/L	88
31) Carbon tetrachloride	4.728	117	6533	0.227	ug/L	94
33) Benzene	5.011	78	20243m	0.260	ug/L	
34) Trichloroethene	5.844	95	4994m	0.247	ug/L	
35) Methylcyclohexane	6.040	83	7491	0.243	ug/L	95
37) 1,2-Dichloropropane	6.104	63	6197m	0.308	ug/L	
38) Bromodichloromethane	6.439	83	6381m	0.245	ug/L	
39) cis-1,3-Dichloropropene	6.972	75	6178	0.223	ug/L	89
40) 4-Methyl-2-pentanone	7.172	43	22791m	2.191	ug/L	
42) Toluene	7.323	91	17159	0.212	ug/L	92
44) trans-1,3-Dichloropropene	7.603	75	6539m	0.278	ug/L	
45) 1,1,2-Trichloroethane	7.786	97	3511m	0.243	ug/L	
47) Tetrachloroethene	7.905	164	3666	0.234	ug/L	90
48) 2-Hexanone	8.085	43	33459	4.443	ug/L #	91
49) Dibromochloromethane	8.172	129	3725	0.224	ug/L	91
50) 1,2-Dibromoethane	8.294	107	3177	0.236	ug/L #	99
51) Chlorobenzene	8.812	112	12571	0.230	ug/L	91
52) Ethylbenzene	8.950	91	18670	0.214	ug/L	98
53) m,p-Xylene	9.078	106	6014	0.182	ug/L	89
54) o-Xylene	9.477	106	6240	0.198	ug/L	88
55) Styrene	9.509	104	8210	0.149	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.168	83	4229	0.240	ug/L #	84
59) Bromoform	9.667	173	1994	0.276	ug/L #	88
60) Isopropylbenzene	9.863	105	14974	0.215	ug/L	98
61) 1,2,3-Trichloropropane	10.207	75	2561	0.257	ug/L #	75
62) 1,3,5-Trimethylbenzene	10.474	105	11851	0.217	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	10537	0.193	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	7920	0.229	ug/L	95
65) 1,4-Dichlorobenzene	11.204	146	9890	0.276	ug/L	90
67) 1,2-Dichlorobenzene	11.574	146	9116	0.281	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	437m	0.212	ug/L	
69) 1,3,5-Trichlorobenzene	12.583	180	5345	0.225	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	3617	0.204	ug/L #	92
71) Naphthalene	13.461	128	6487m	0.247	ug/L	
72) 1,2,3-Trichlorobenzene	13.680	180	3102	0.203	ug/L	97

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

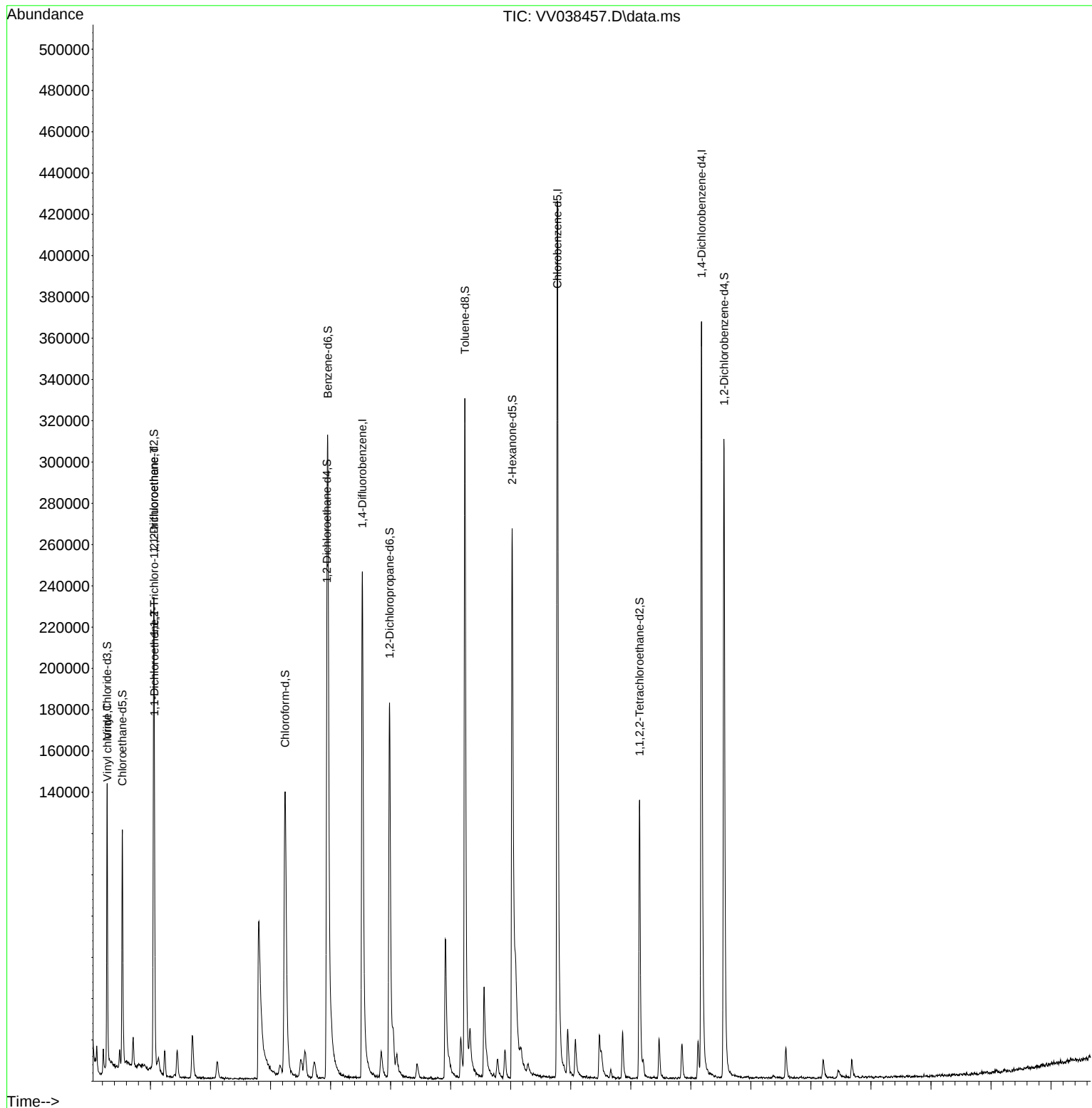
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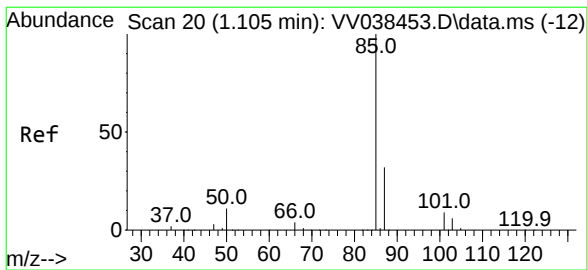
Instrument :
MSVOA_V
ClientSampleId :
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Supervised By :Mahesh Dadoda 01/21/2025

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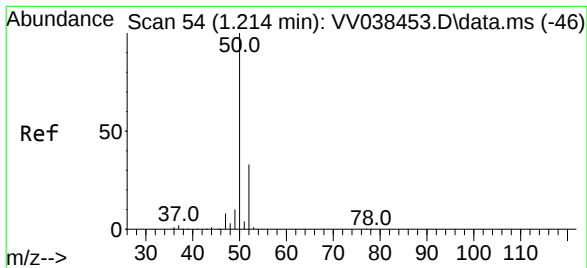
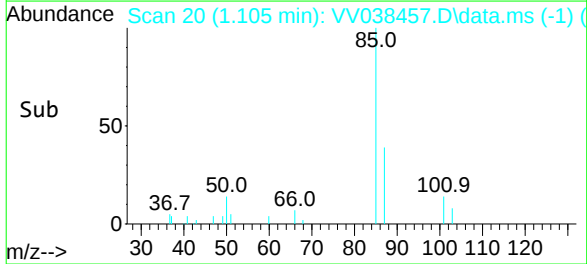
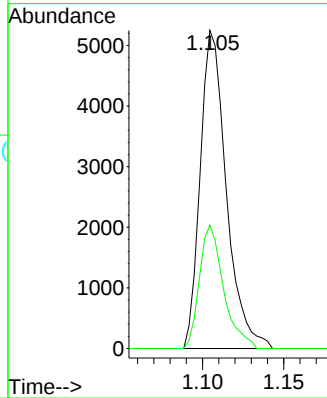
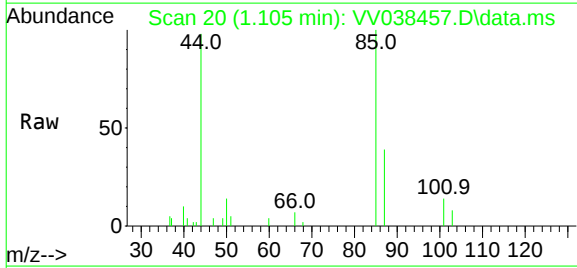
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Dichlorodifluoromethane
Concen: 0.225 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion: 85 Resp: 5866
Ion Ratio Lower Upper
85 100
87 35.9 26.0 39.0

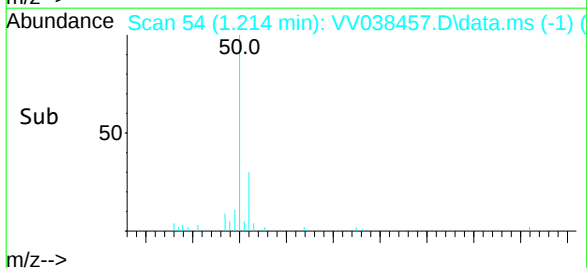
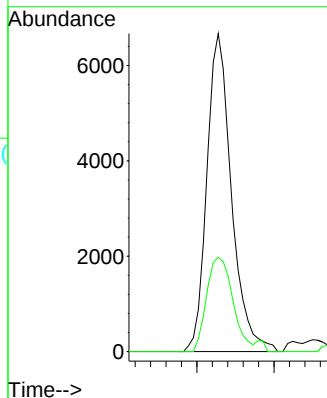
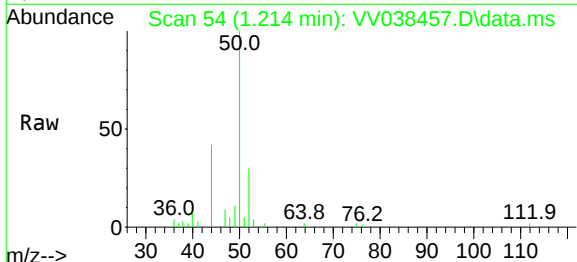
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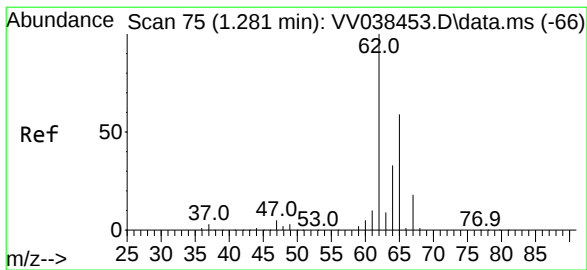
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#3
Chloromethane
Concen: 0.277 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.000 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

Tgt Ion: 50 Resp: 7383
Ion Ratio Lower Upper
50 100
52 29.7 23.0 42.6





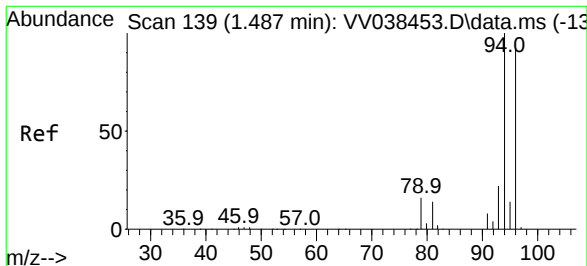
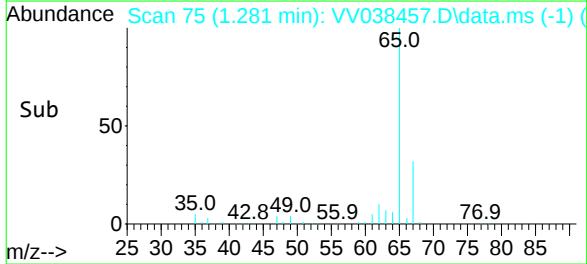
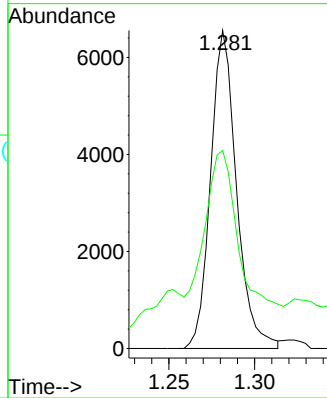
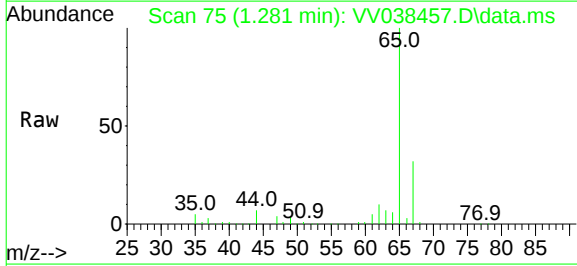
#5
 Vinyl chloride
 Concen: 0.256 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV038457.D
 Acq: 20 Jan 2025 12:27

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Tgt Ion: 62 Resp: 6885
 Ion Ratio Lower Upper
 62 100
 64 62.3 23.5 43.7#

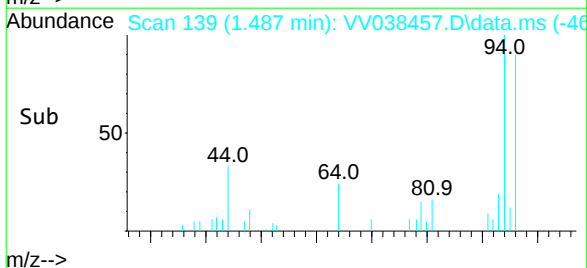
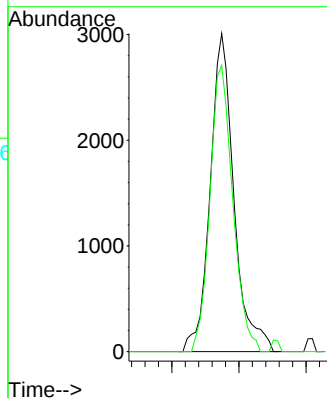
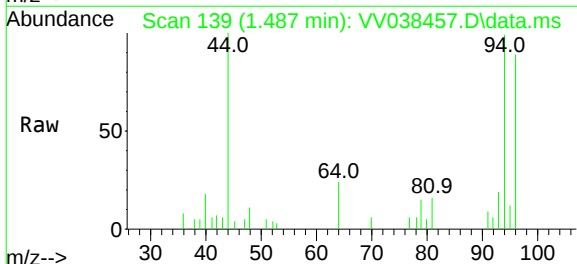
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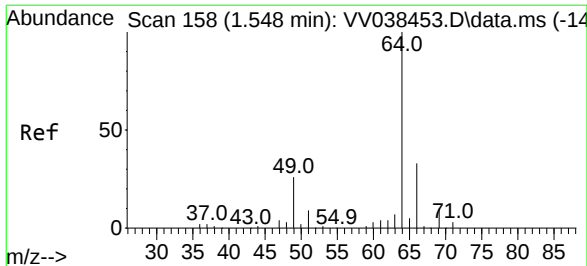
Reviewed By :Semsettin Yesilyurt 01/21/2025
 Supervised By :Mahesh Dadoda 01/21/2025



#6
 Bromomethane
 Concen: 0.275 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV038457.D
 Acq: 20 Jan 2025 12:27

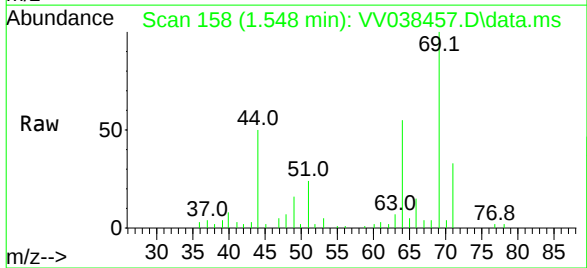
Tgt Ion: 94 Resp: 3703
 Ion Ratio Lower Upper
 94 100
 96 90.0 68.9 127.9





#8
Chloroethane
Concen: 0.389 ug/L m
RT: 1.548 min Scan# 15
Delta R.T. -0.000 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

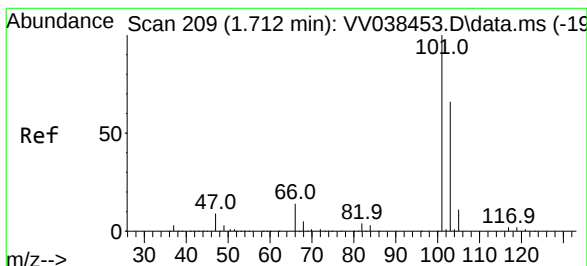
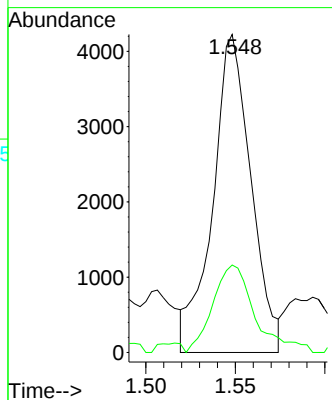
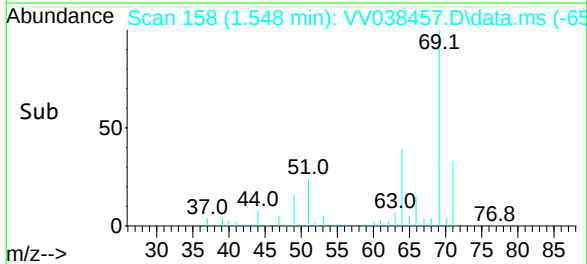
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion: 64 Resp: 6273
Ion Ratio Lower Upper
64 100
66 27.5 22.7 42.1

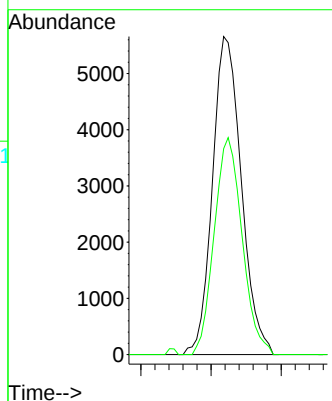
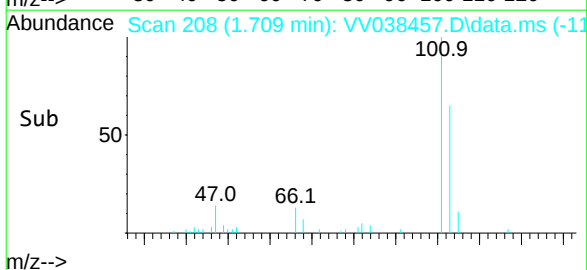
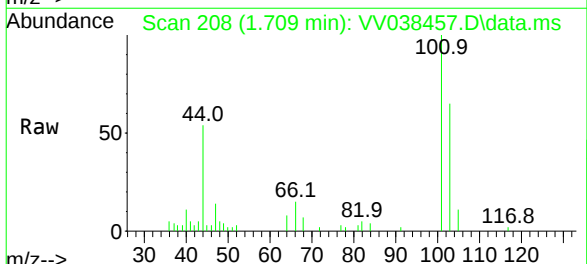
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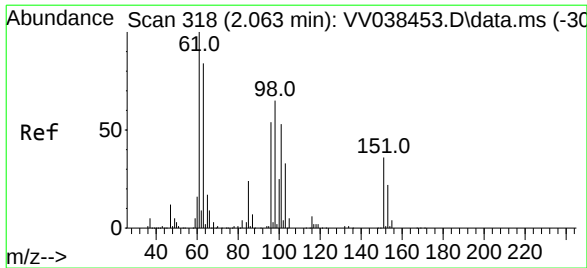
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#9
Trichlorofluoromethane
Concen: 0.236 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

Tgt Ion:101 Resp: 8088
Ion Ratio Lower Upper
101 100
103 66.0 51.5 77.3





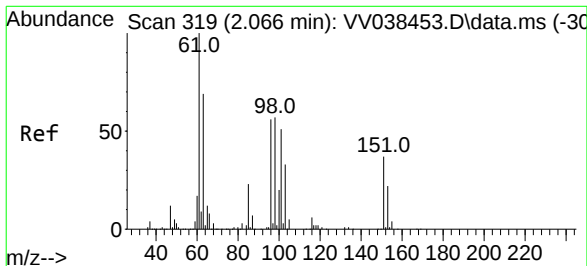
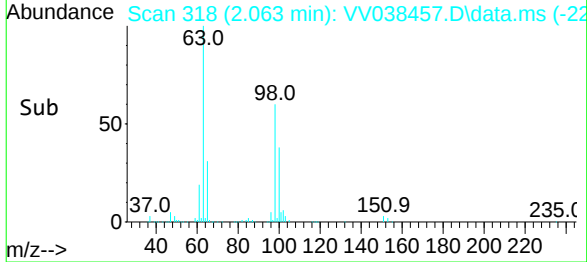
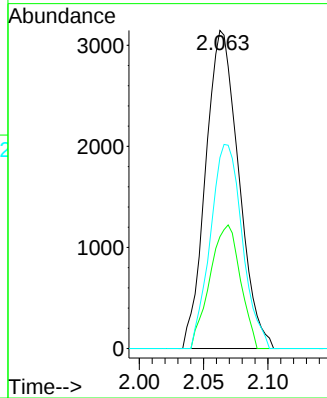
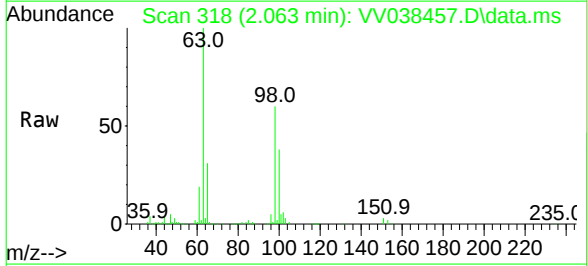
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1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.287 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV038457.D
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Tgt Ion	Ratio	Lower	Upper
101	100		
85	35.7	35.2	52.8
151	61.8	56.6	85.0

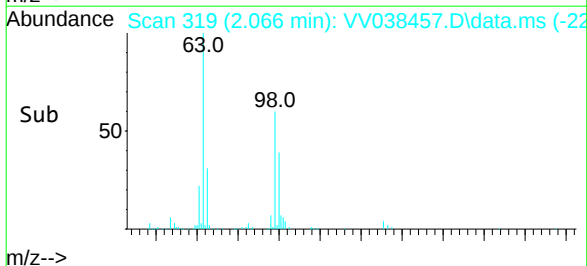
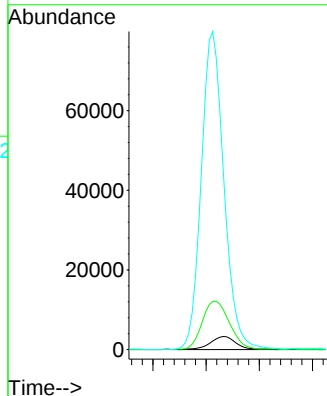
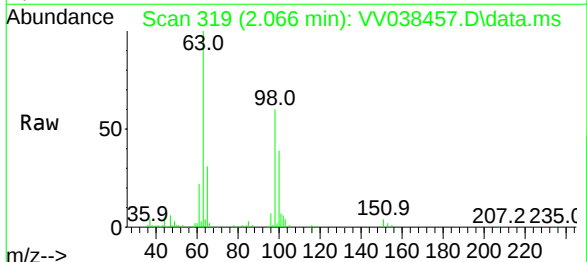
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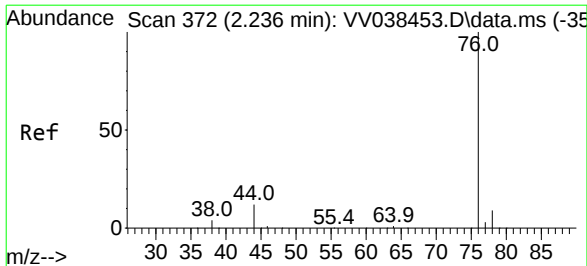
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#12
1,1-Dichloroethene
Concen: 0.287 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.000 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	307.1	122.2	227.0#
63	1388.3	86.2	160.0#





#14

Carbon disulfide

Concen: 0.234 ug/L

RT: 2.240 min Scan# 37

Delta R.T. 0.003 min

Lab File: VV038457.D

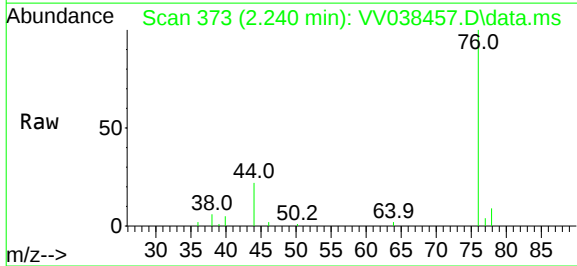
Acq: 20 Jan 2025 12:27

Instrument :

MSVOA_V

ClientSampleId :

MDL02



Tgt Ion: 76 Resp: 15120

Ion Ratio Lower Upper

76 100

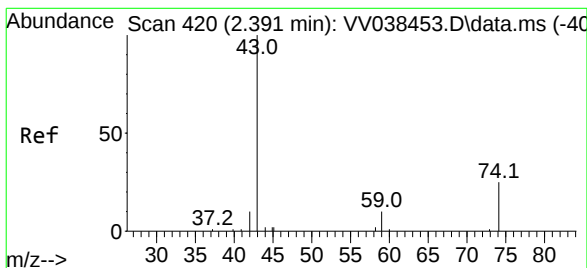
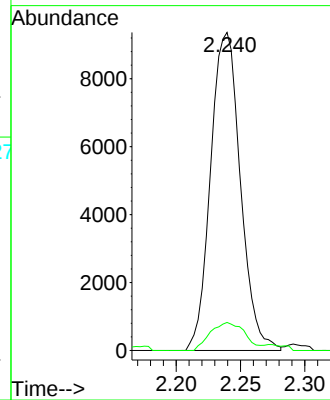
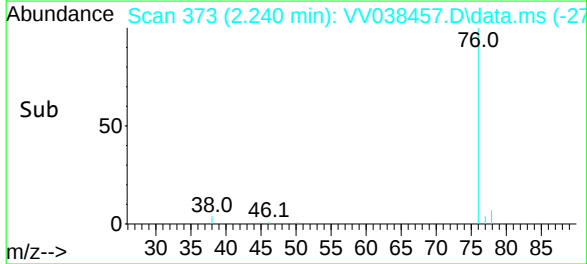
78 8.8 7.6 11.4

Manual Integrations

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#15

Methyl Acetate

Concen: 0.337 ug/L m

RT: 2.410 min Scan# 426

Delta R.T. 0.019 min

Lab File: VV038457.D

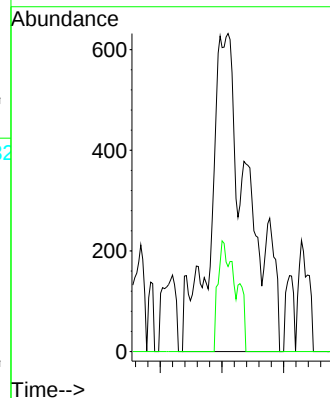
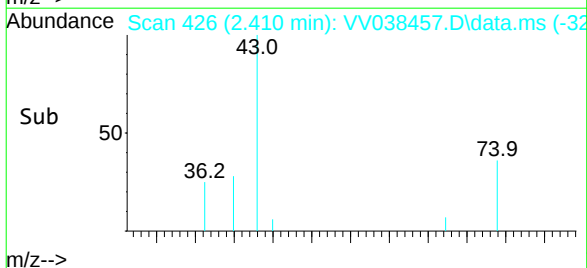
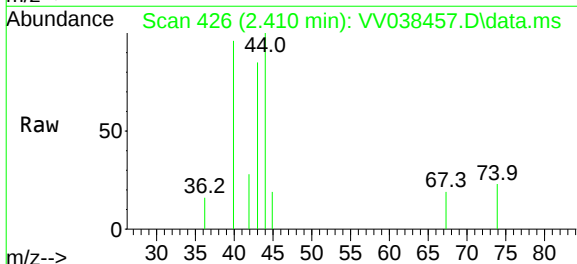
Acq: 20 Jan 2025 12:27

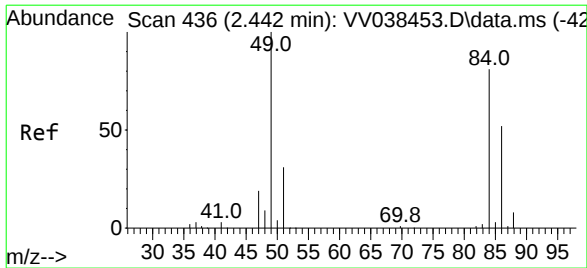
Tgt Ion: 43 Resp: 2696

Ion Ratio Lower Upper

43 100

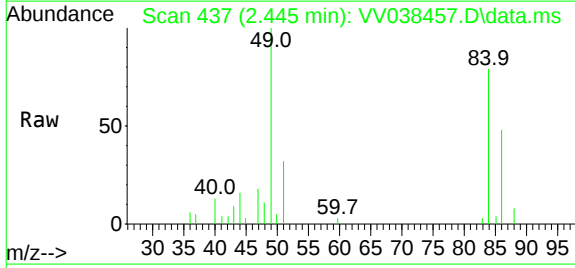
74 13.0 20.4 30.6#





#16
Methylene chloride
Concen: 0.267 ug/L
RT: 2.445 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

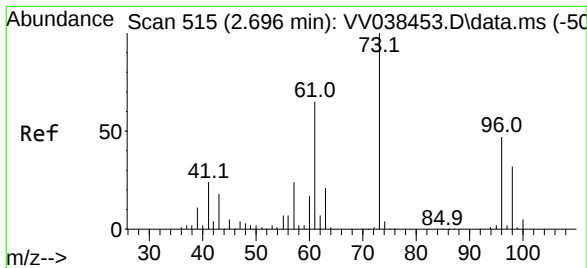
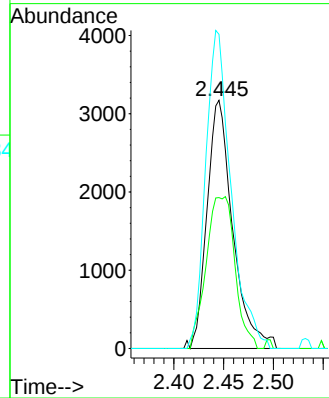
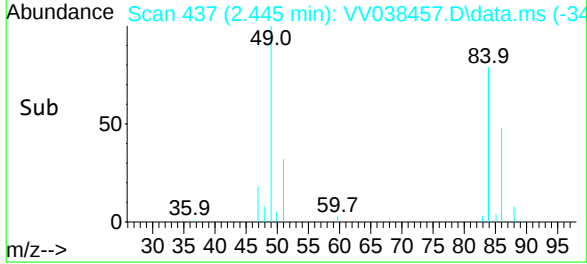
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion: 84 Resp: 5708
Ion Ratio Lower Upper
84 100
86 60.8 44.7 82.9
49 126.6 84.1 156.1

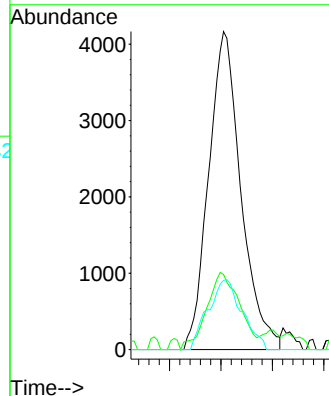
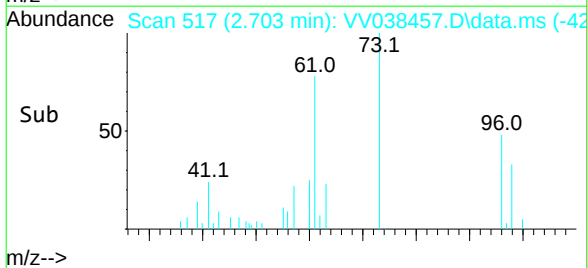
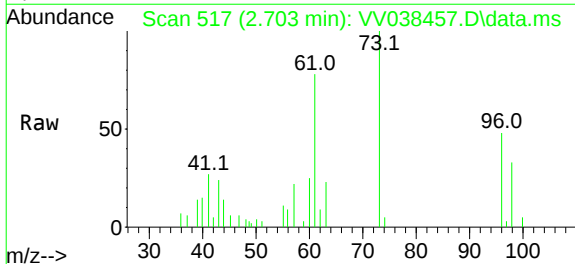
Manual Integrations
APPROVED

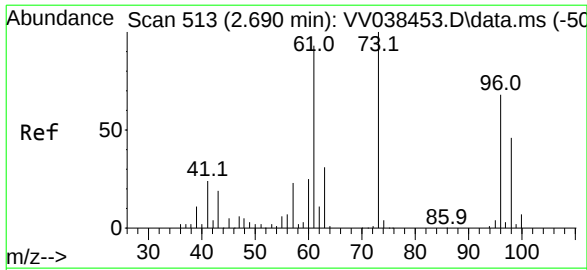
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#17
Methyl tert-butyl Ether
Concen: 0.224 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.006 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

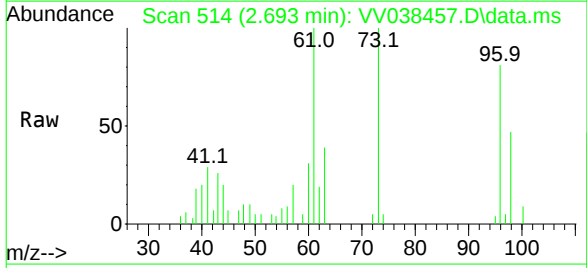
Tgt Ion: 73 Resp: 9092
Ion Ratio Lower Upper
73 100
43 24.6 14.6 21.8#
57 23.2 17.9 26.9





#18
trans-1,2-Dichloroethene
Concen: 0.250 ug/L
RT: 2.693 min Scan# 513
Delta R.T. 0.003 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

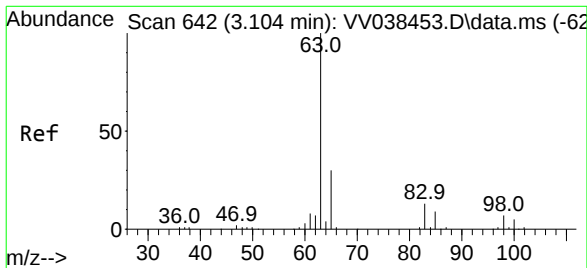
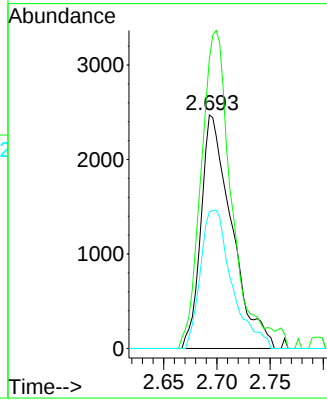
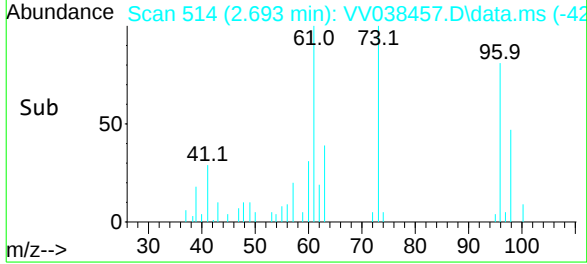
Instrument :
MSVOA_V
ClientSampleId :
MDL02



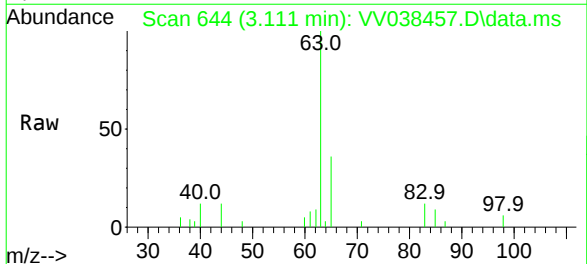
Tgt Ion: 96 Resp: 4959
Ion Ratio Lower Upper
96 100
61 124.0 94.8 176.2
98 58.5 44.2 82.2

Manual Integrations
APPROVED

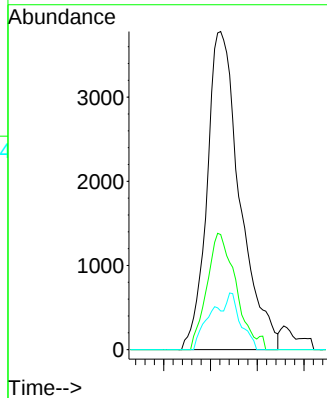
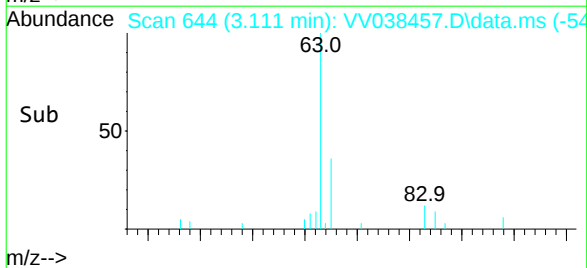
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025

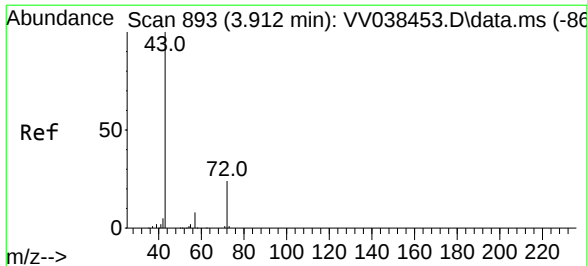


#19
1,1-Dichloroethane
Concen: 0.245 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.006 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27



Tgt Ion: 63 Resp: 9217
Ion Ratio Lower Upper
63 100
65 36.2 22.5 41.9
83 12.1 9.4 17.6





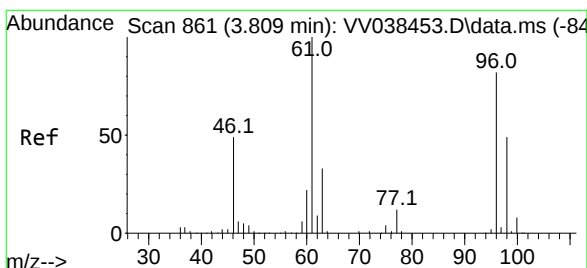
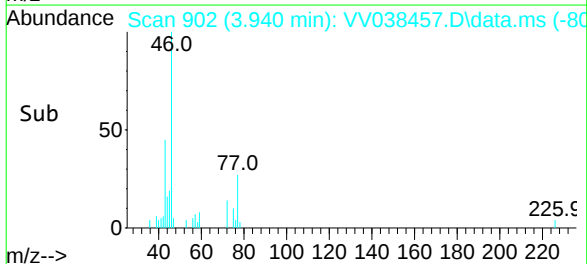
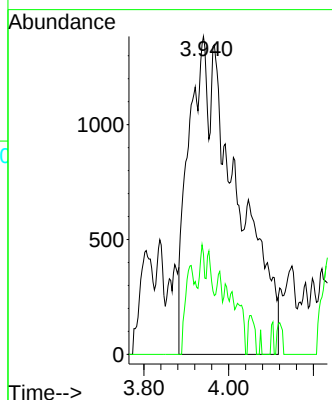
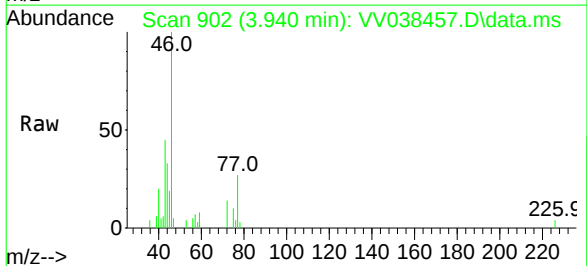
#21
2-Butanone
Concen: 2.463 ug/L m
RT: 3.940 min Scan# 90
Delta R.T. 0.029 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion: 43 Resp: 10953
Ion Ratio Lower Upper
43 100
72 1.3 12.2 36.4#

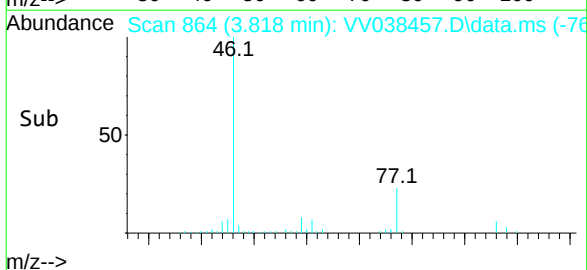
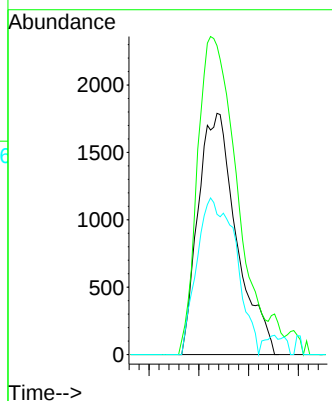
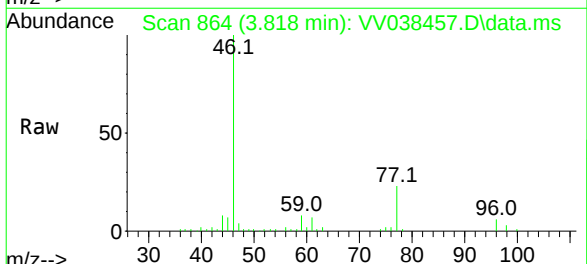
Manual Integrations
APPROVED

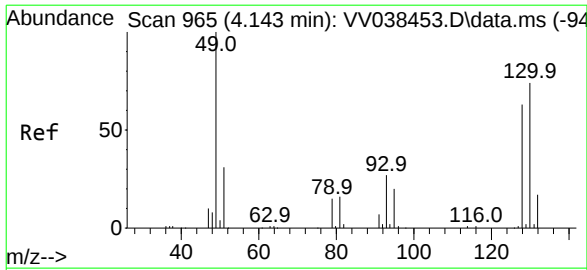
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#22
cis-1,2-Dichloroethene
Concen: 0.237 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.010 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

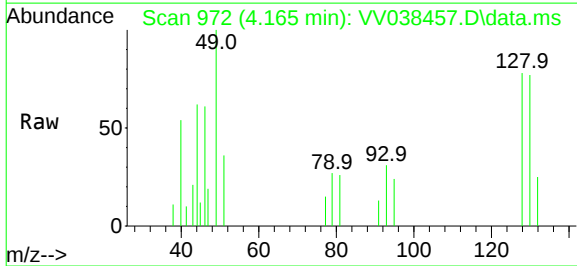
Tgt Ion: 96 Resp: 4769
Ion Ratio Lower Upper
96 100
61 128.0 86.5 160.7
98 58.2 43.8 81.3





#23
Bromochloromethane
Concen: 0.248 ug/L
RT: 4.165 min Scan# 971
Delta R.T. 0.022 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

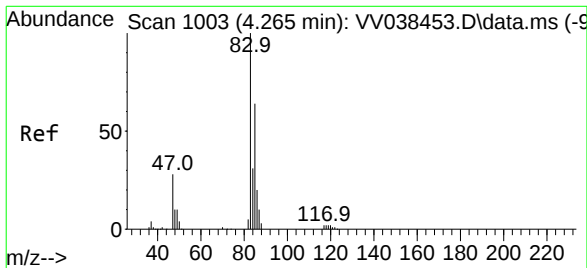
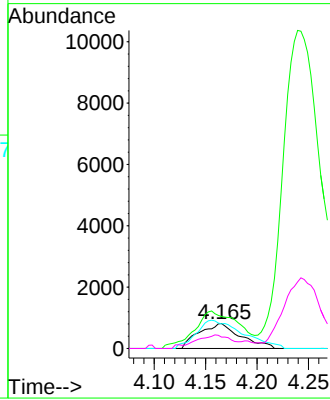
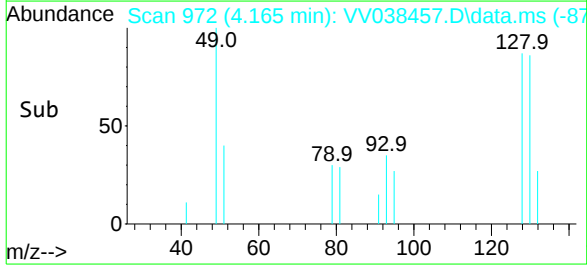
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion: 128 Resp: 2275
Ion Ratio Lower Upper
128 100
49 128.3 121.0 224.8
130 98.8 90.1 167.3
51 45.7 43.3 64.9

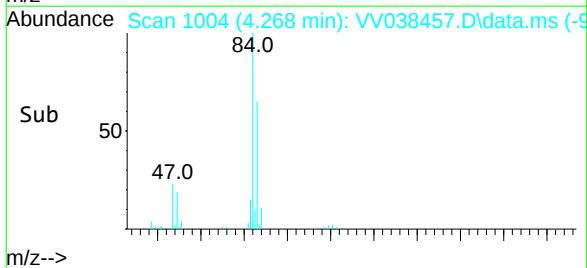
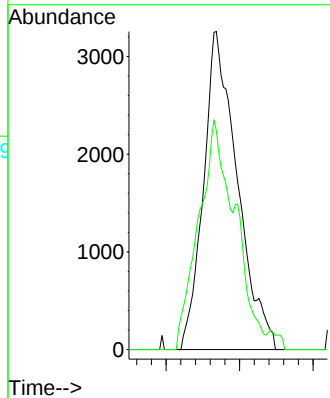
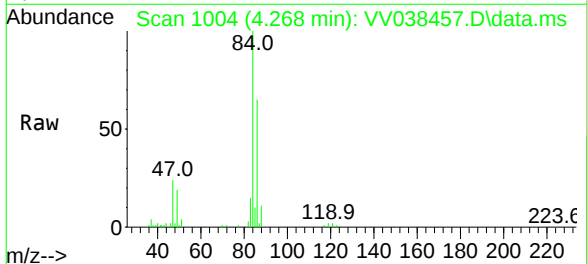
Manual Integrations
APPROVED

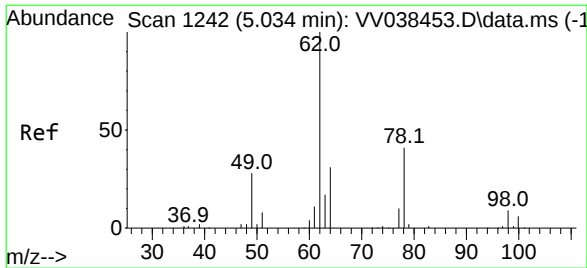
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#25
Chloroform
Concen: 0.279 ug/L
RT: 4.268 min Scan# 1004
Delta R.T. 0.003 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

Tgt Ion: 83 Resp: 10395
Ion Ratio Lower Upper
83 100
85 68.9 44.0 81.8





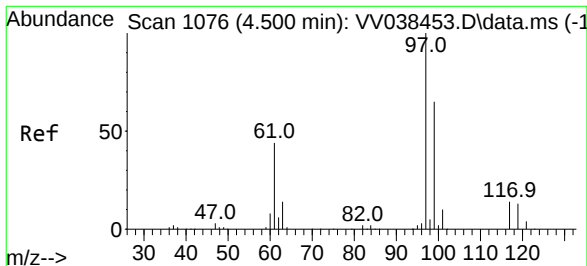
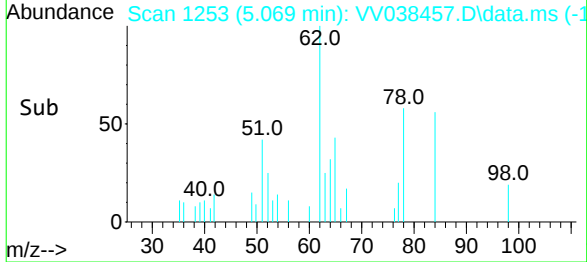
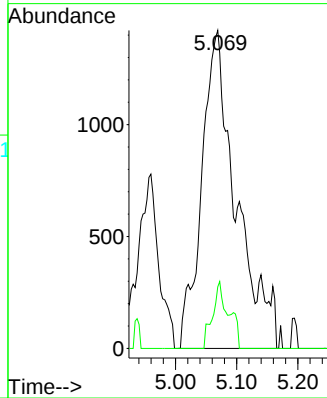
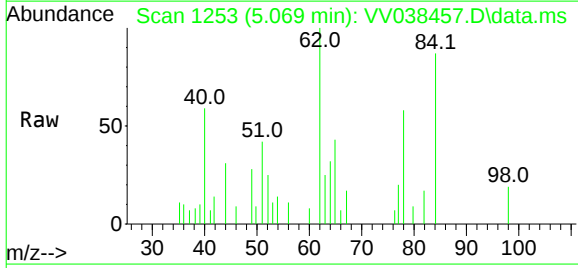
#27
1,2-Dichloroethane
Concen: 0.268 ug/L m
RT: 5.069 min Scan# 12
Delta R.T. 0.035 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion: 62 Resp: 5563
Ion Ratio Lower Upper
62 100
98 19.4 7.8 11.6#

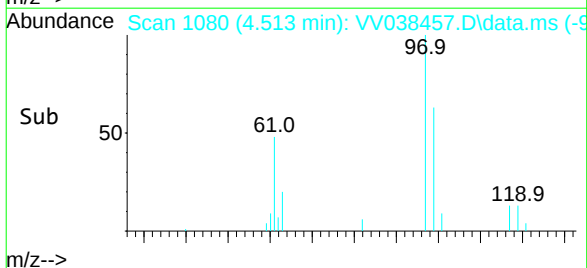
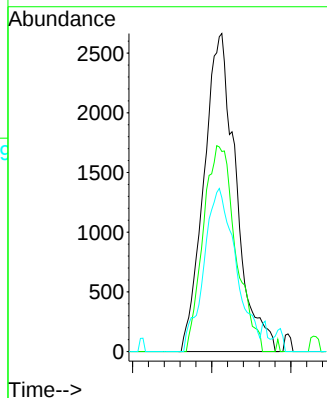
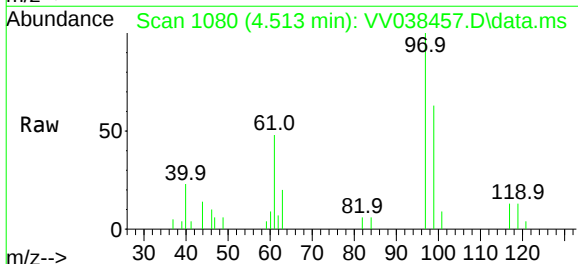
Manual Integrations
APPROVED

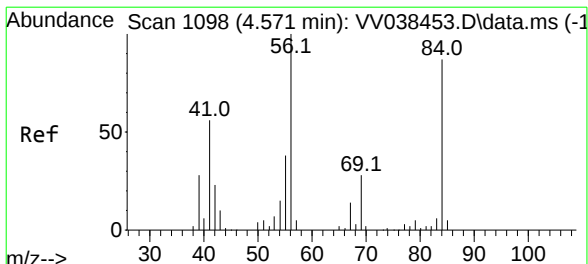
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#29
1,1,1-Trichloroethane
Concen: 0.231 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. 0.013 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

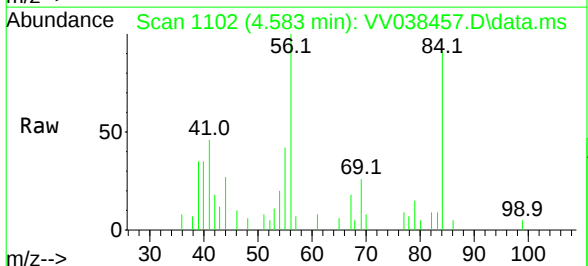
Tgt Ion: 97 Resp: 7516
Ion Ratio Lower Upper
97 100
99 65.4 52.9 79.3
61 51.3 36.4 54.6





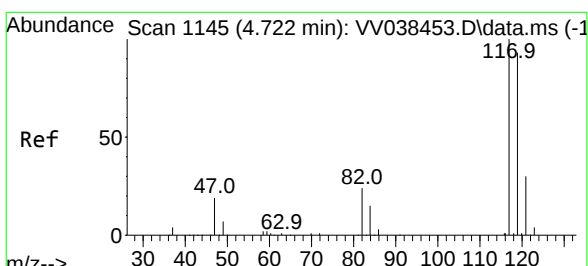
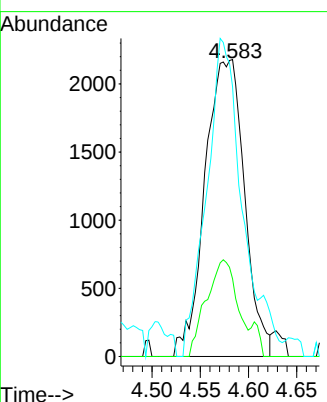
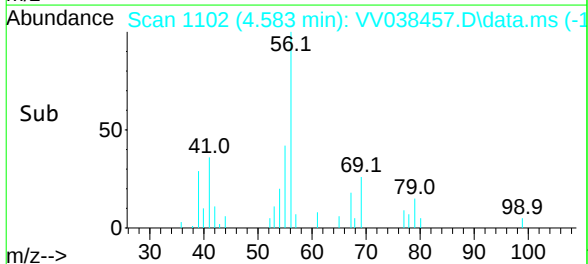
#30
Cyclohexane
Concen: 0.208 ug/L
RT: 4.583 min Scan# 111
Delta R.T. 0.013 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

Instrument : MSVOA_V
ClientSampleId : MDL02

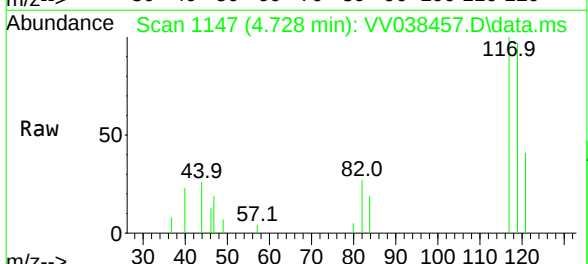


Tgt Ion:	56	Resp:	6188
Ion	Ratio	Lower	Upper
56	100		
69	25.5	24.7	37.1
84	97.5	68.2	102.2

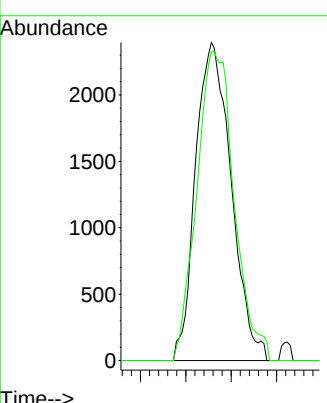
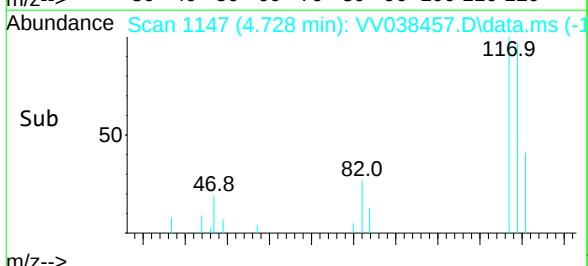
Manual Integrations
APPROVED
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025

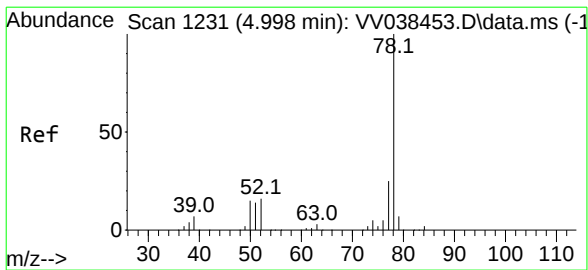


#31
Carbon tetrachloride
Concen: 0.227 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27



Tgt Ion:	117	Resp:	6533
Ion	Ratio	Lower	Upper
117	100		
119	102.1	76.6	115.0





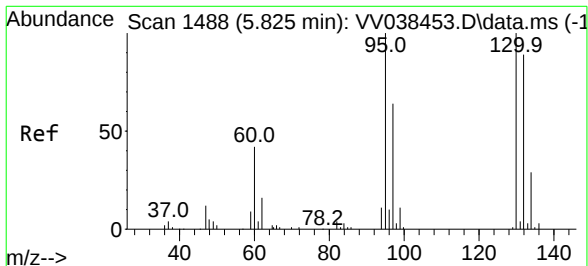
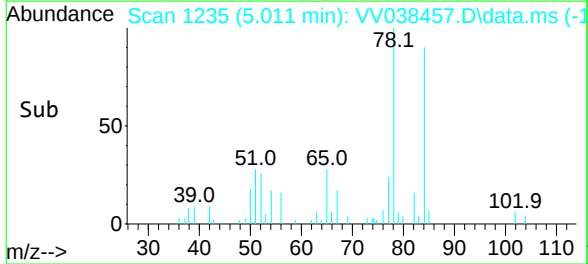
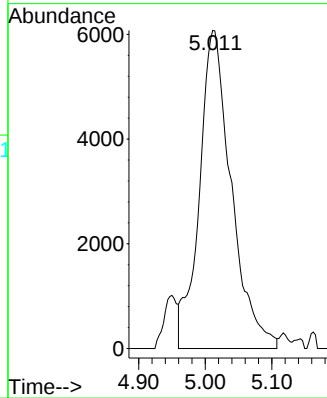
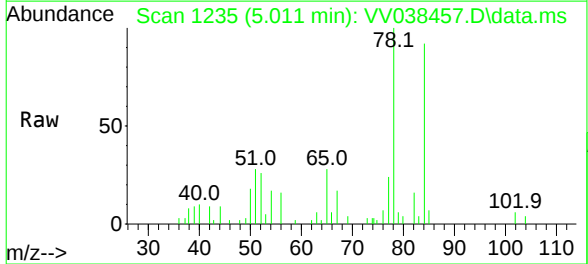
#33
Benzene
Concen: 0.260 ug/L m
RT: 5.011 min Scan# 1235
Delta R.T. 0.013 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

Instrument : MSVOA_V
ClientSampleId : MDL02

Tgt Ion: 78 Resp: 20243

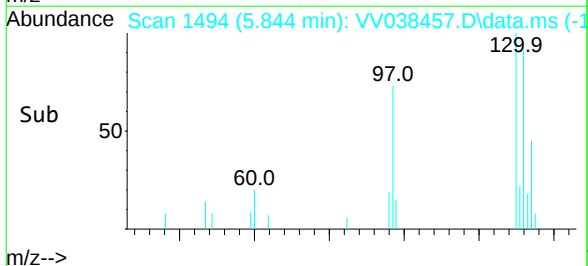
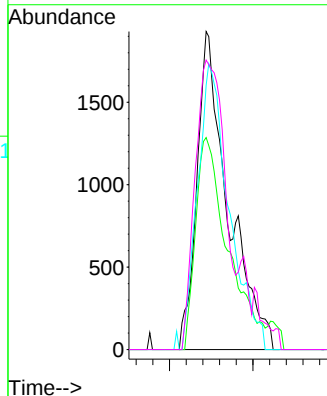
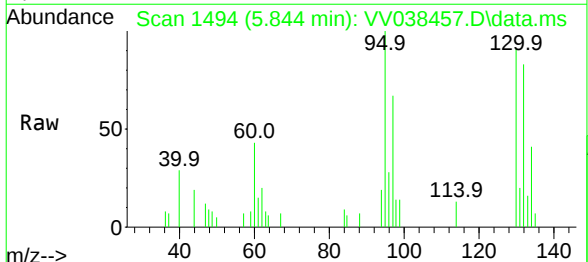
Manual Integrations
APPROVED

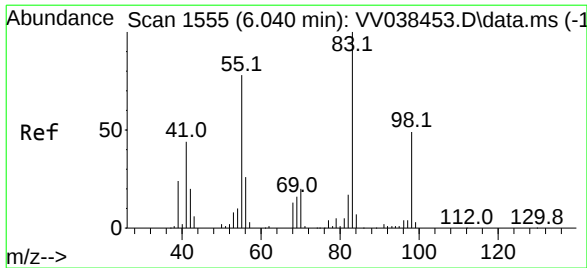
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#34
Trichloroethene
Concen: 0.247 ug/L m
RT: 5.844 min Scan# 1494
Delta R.T. 0.019 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

Tgt Ion: 95 Resp: 4994
Ion Ratio Lower Upper
95 100
97 66.7 43.4 80.6
132 83.1 65.5 121.6
130 91.0 65.5 121.6





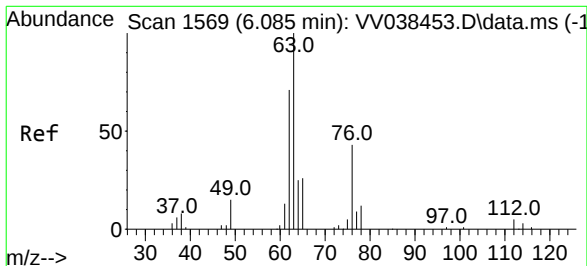
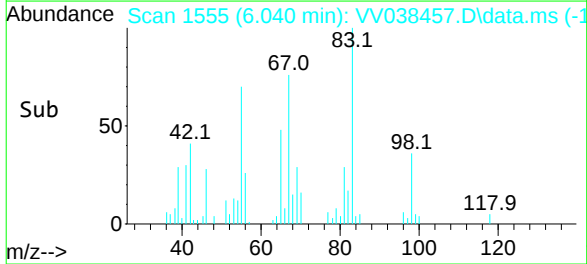
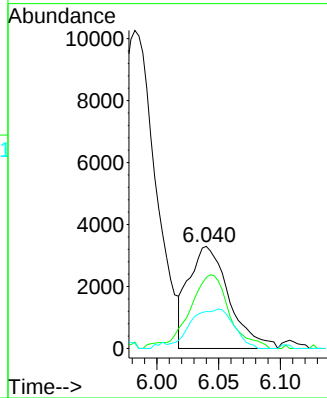
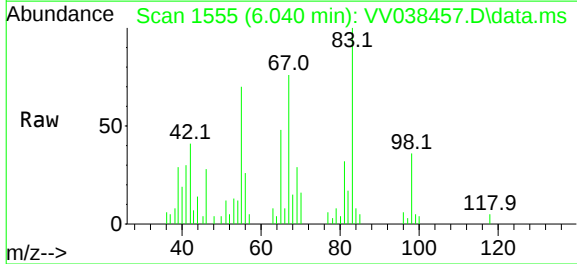
#35
Methylcyclohexane
Concen: 0.243 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	71.5	59.4	89.0
98	41.3	37.8	56.8

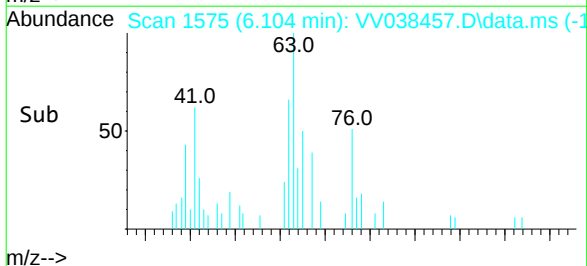
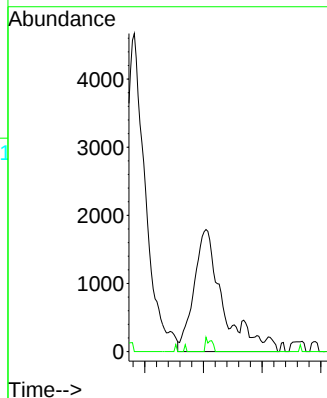
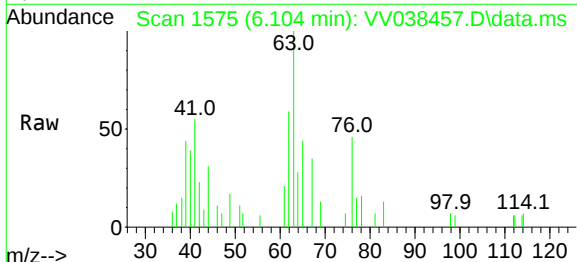
Manual Integrations
APPROVED

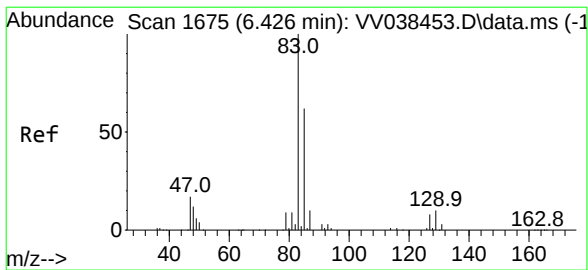
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#37
1,2-Dichloropropane
Concen: 0.308 ug/L m
RT: 6.104 min Scan# 1575
Delta R.T. 0.019 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

Tgt Ion	Ratio	Lower	Upper
63	100		
112	2.4	4.1	6.1#





#38

Bromodichloromethane

Concen: 0.245 ug/L m

RT: 6.439 min Scan# 16

Delta R.T. 0.013 min

Lab File: VV038457.D

Acq: 20 Jan 2025 12:27

Instrument :

MSVOA_V

ClientSampleId :

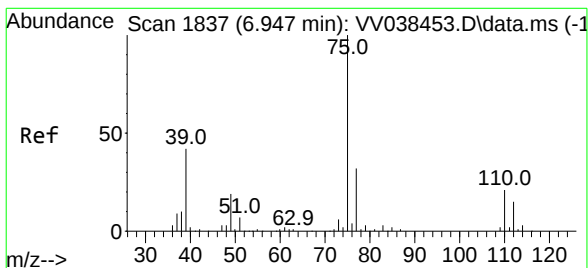
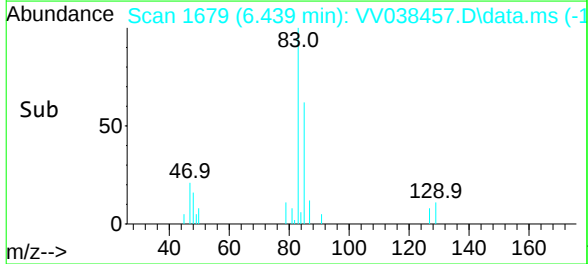
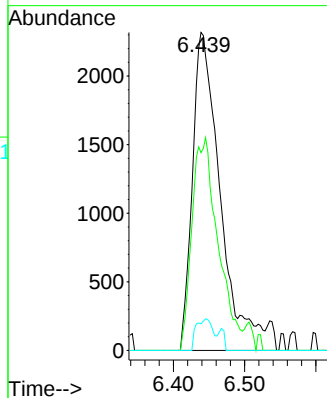
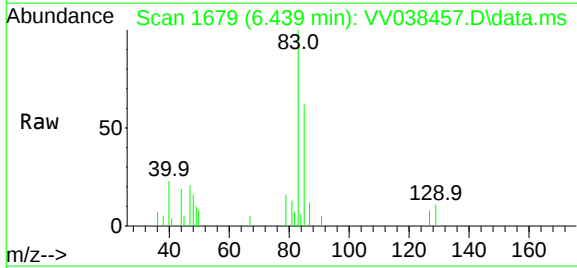
MDL02

Tgt Ion:	83	Resp:	6381
Ion	Ratio	Lower	Upper
83	100		
85	62.2	44.7	83.1
127	8.4	6.8	10.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#39

cis-1,3-Dichloropropene

Concen: 0.223 ug/L

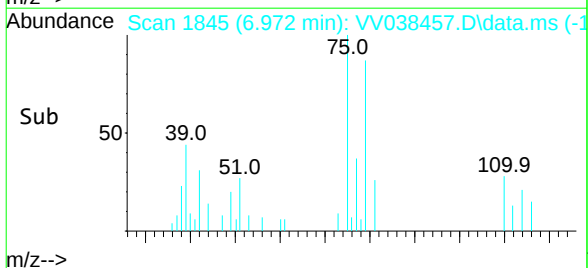
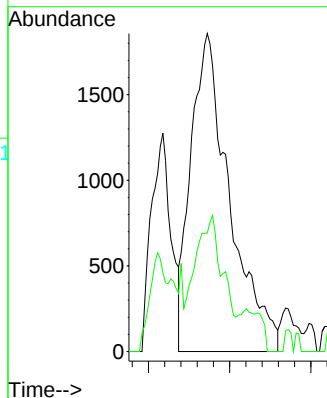
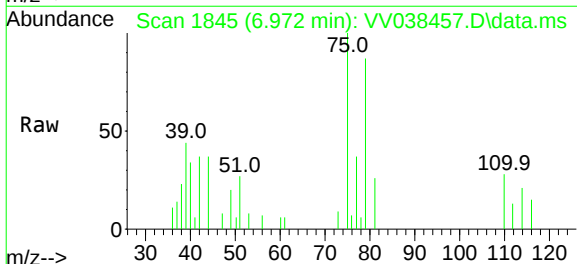
RT: 6.972 min Scan# 1845

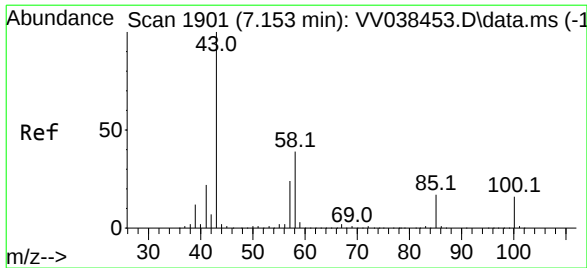
Delta R.T. 0.026 min

Lab File: VV038457.D

Acq: 20 Jan 2025 12:27

Tgt Ion:	75	Resp:	6178
Ion	Ratio	Lower	Upper
75	100		
77	37.3	21.7	40.3





#40

4-Methyl-2-pentanone

Concen: 2.191 ug/L m

RT: 7.172 min Scan# 19

Delta R.T. 0.019 min

Lab File: VV038457.D

Acq: 20 Jan 2025 12:27

Instrument :

MSVOA_V

ClientSampleId :

MDL02

Tgt Ion: 43 Resp: 22791

Ion Ratio Lower Upper

43 100

58 27.8 31.7 47.5#

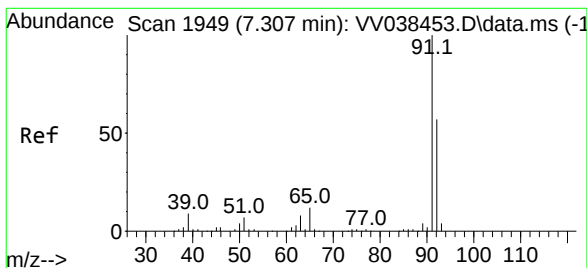
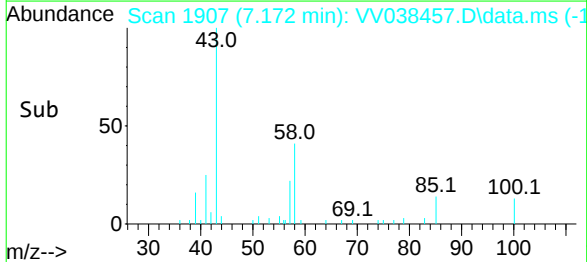
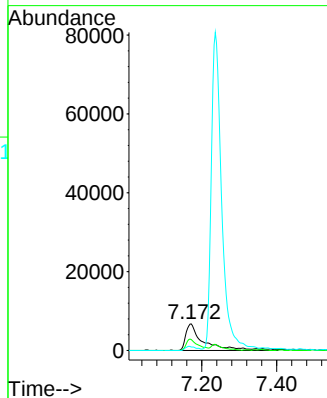
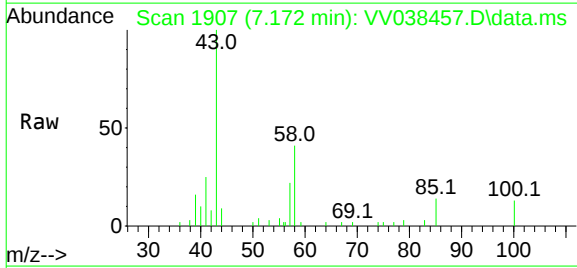
100 0.0 12.4 18.6#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/21/2025

Supervised By :Mahesh Dadoda 01/21/2025



#42

Toluene

Concen: 0.212 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.016 min

Lab File: VV038457.D

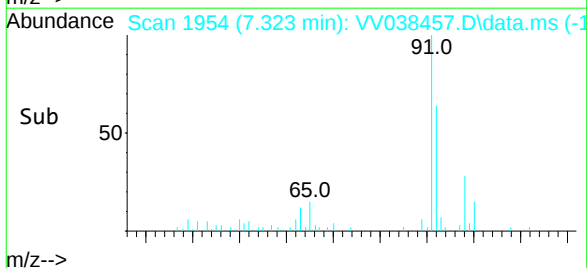
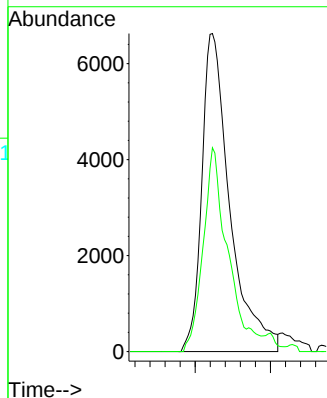
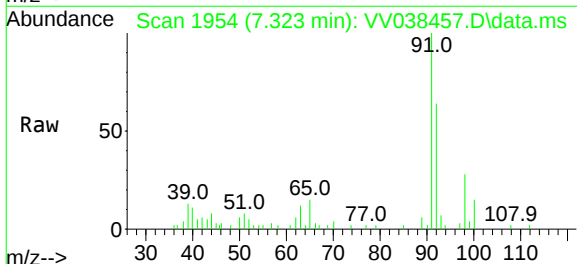
Acq: 20 Jan 2025 12:27

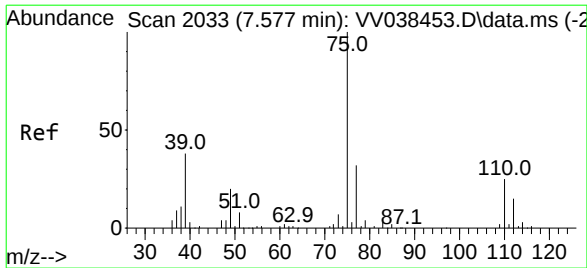
Tgt Ion: 91 Resp: 17159

Ion Ratio Lower Upper

91 100

92 64.1 40.6 75.4





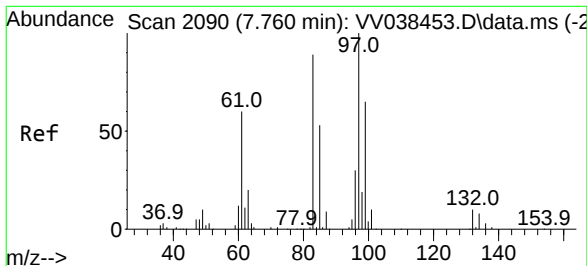
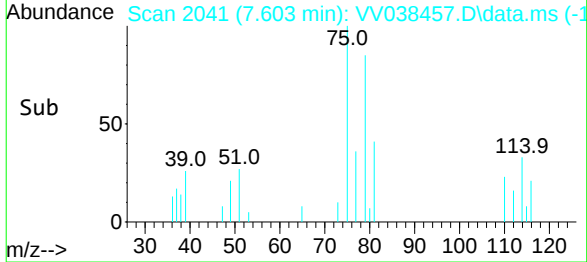
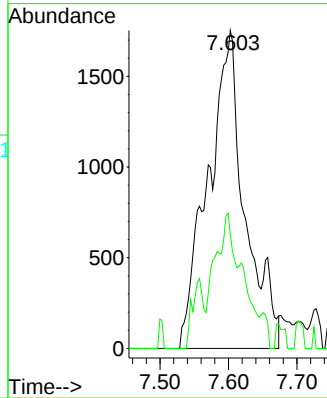
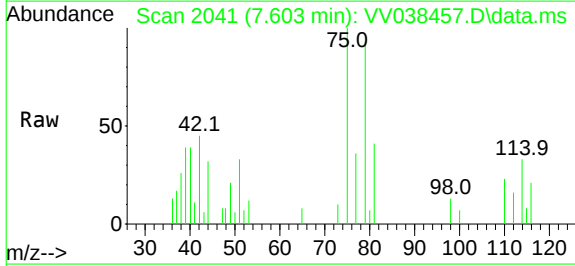
#44
trans-1,3-Dichloropropene
Concen: 0.278 ug/L m
RT: 7.603 min Scan# 2033
Delta R.T. 0.026 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion: 75 Resp: 6539
Ion Ratio Lower Upper
75 100
77 35.8 22.8 42.4

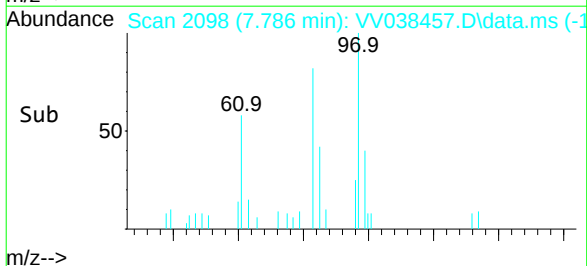
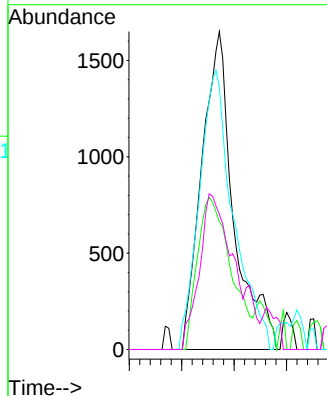
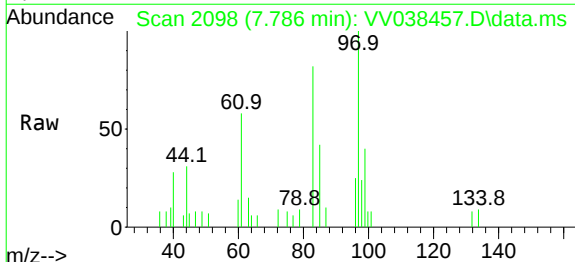
Manual Integrations
APPROVED

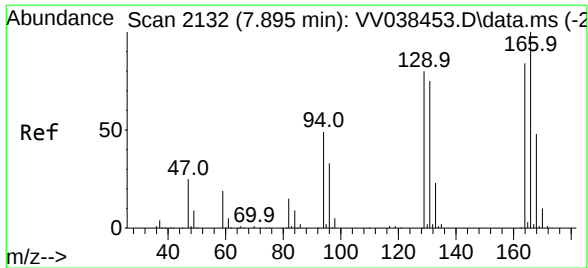
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#45
1,1,2-Trichloroethane
Concen: 0.243 ug/L m
RT: 7.786 min Scan# 2098
Delta R.T. 0.026 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

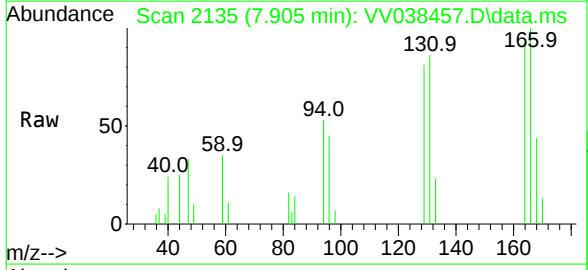
Tgt Ion: 97 Resp: 3511
Ion Ratio Lower Upper
97 100
99 40.3 42.3 78.5#
83 82.5 59.4 110.4
85 42.5 37.0 68.6





#47
Tetrachloroethene
Concen: 0.234 ug/L
RT: 7.905 min Scan# 211
Delta R.T. 0.010 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

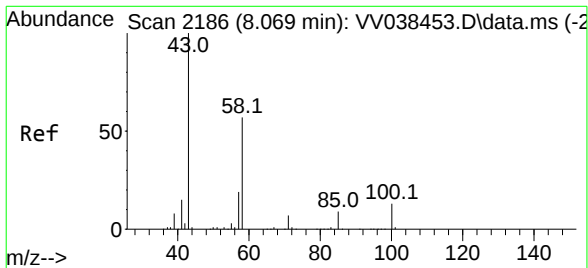
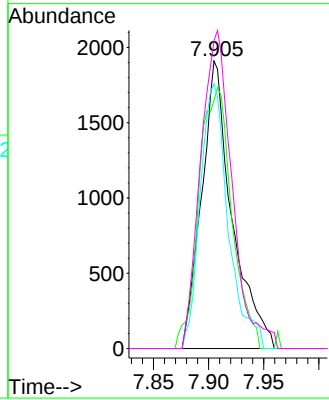
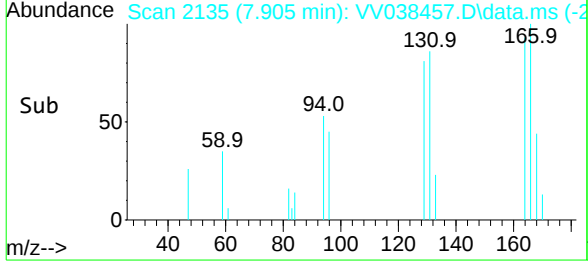
Instrument :
MSVOA_V
ClientSampleId :
MDL02



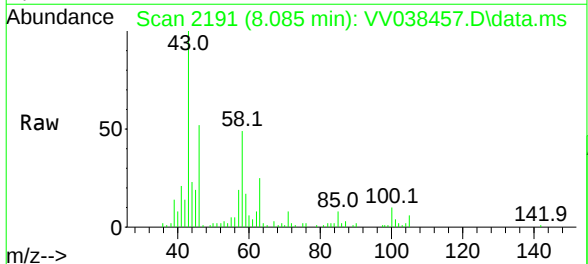
Tgt Ion	Ratio	Lower	Upper
164	100		
129	86.3	68.9	127.9
131	92.0	65.2	121.2
166	107.1	86.7	160.9

Manual Integrations
APPROVED

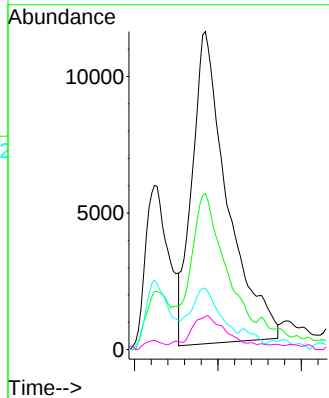
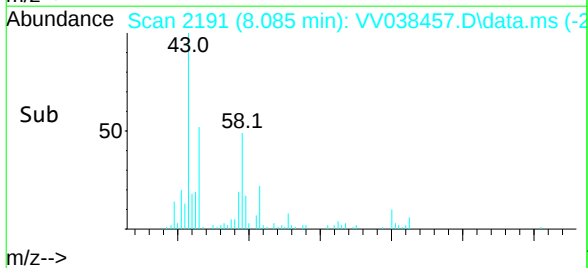
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025

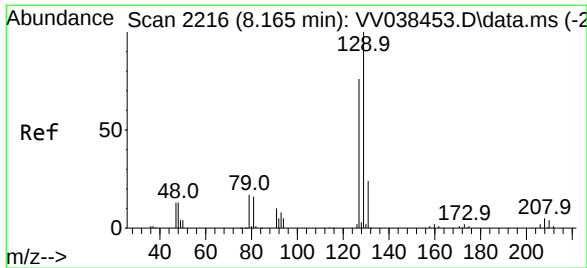


#48
2-Hexanone
Concen: 4.443 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. 0.016 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27



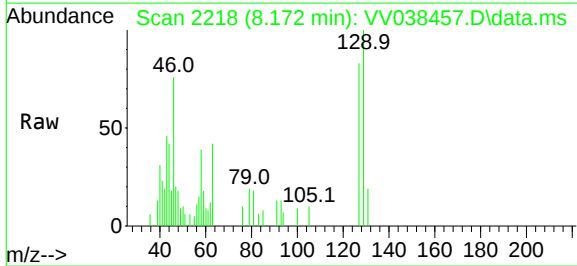
Tgt Ion	Ratio	Lower	Upper
43	100		
58	47.0	43.6	65.4
57	16.3	15.0	22.4
100	8.6	10.0	15.0





#49
Dibromochloromethane
Concen: 0.224 ug/L
RT: 8.172 min Scan# 2216
Delta R.T. 0.006 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

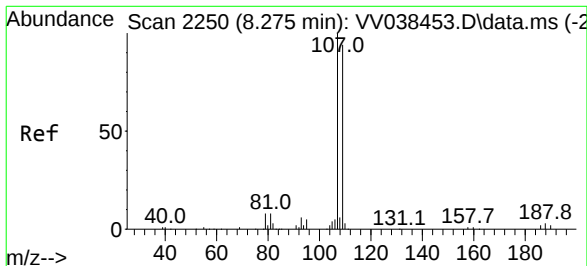
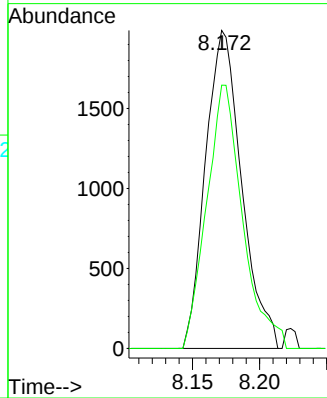
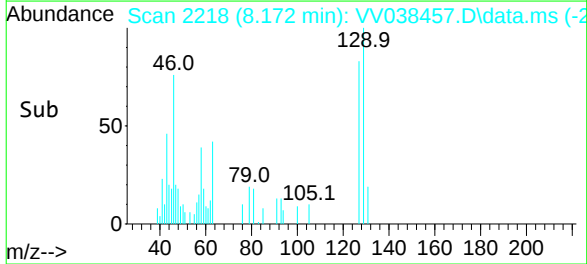
Instrument :
MSVOA_V
ClientSampleId :
MDL02



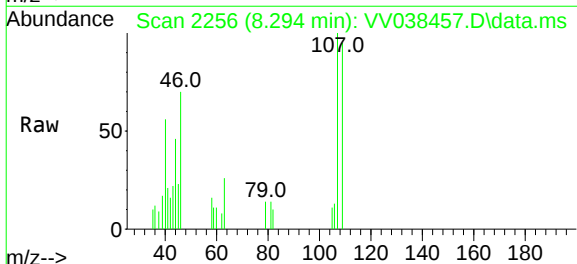
Tgt Ion:129 Resp: 3725
Ion Ratio Lower Upper
129 100
127 82.8 52.8 98.2

Manual Integrations
APPROVED

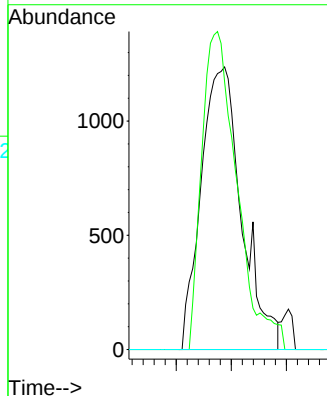
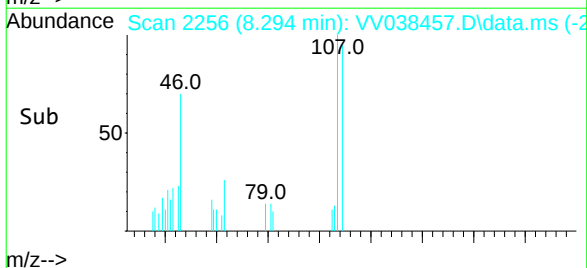
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025

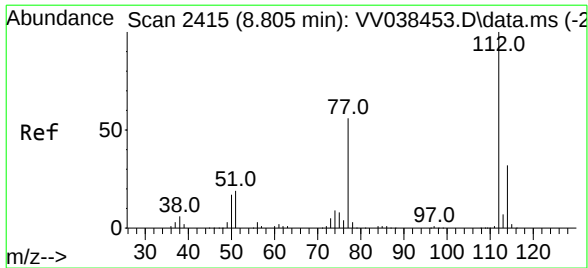


#50
1,2-Dibromoethane
Concen: 0.236 ug/L
RT: 8.294 min Scan# 2256
Delta R.T. 0.019 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27



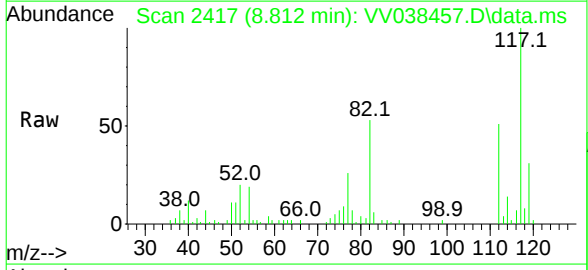
Tgt Ion:107 Resp: 3177
Ion Ratio Lower Upper
107 100
109 94.7 65.9 122.3
188 0.0 2.8 4.2#





#51
Chlorobenzene
Concen: 0.230 ug/L
RT: 8.812 min Scan# 2415
Delta R.T. 0.006 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

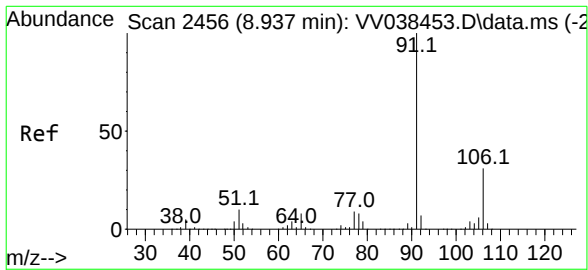
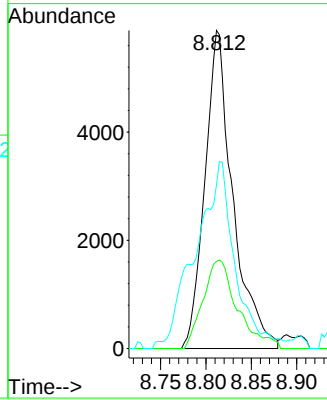
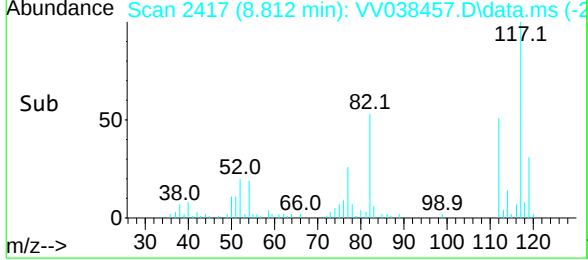
Instrument :
MSVOA_V
ClientSampleId :
MDL02



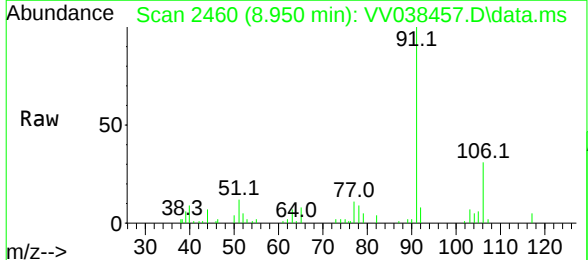
Tgt Ion: 112 Resp: 12571
Ion Ratio Lower Upper
112 100
114 27.4 22.9 42.5
77 51.5 46.1 69.1

Manual Integrations
APPROVED

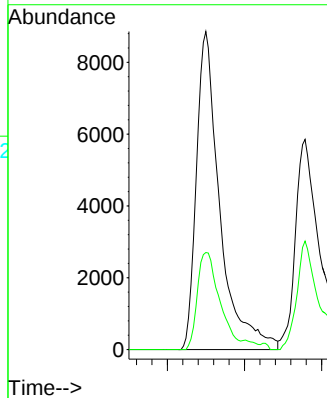
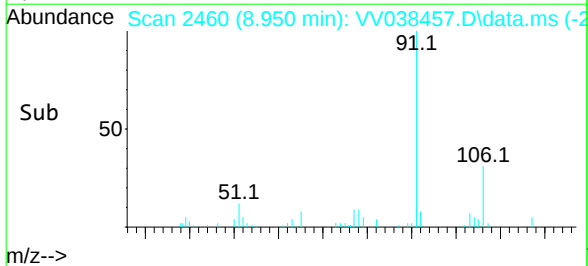
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025

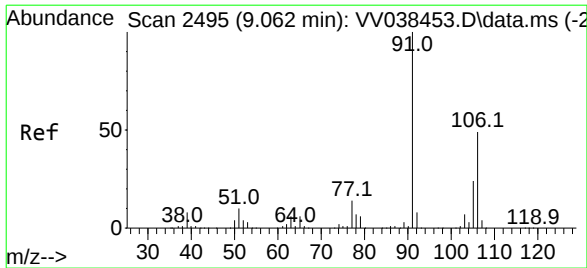


#52
Ethylbenzene
Concen: 0.214 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.013 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27



Tgt Ion: 91 Resp: 18670
Ion Ratio Lower Upper
91 100
106 30.5 22.0 40.8





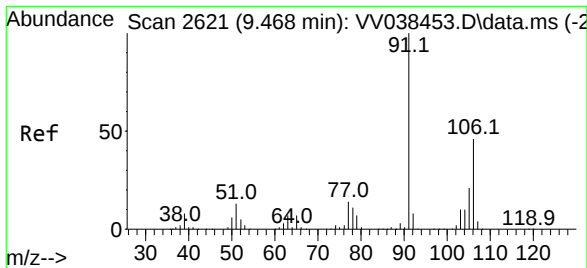
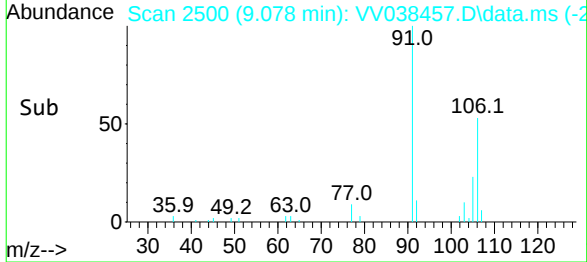
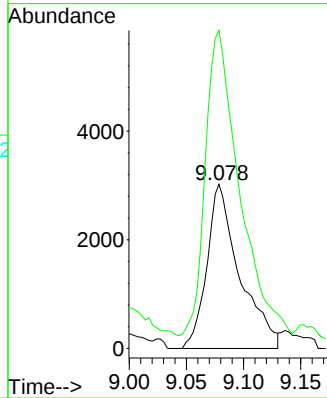
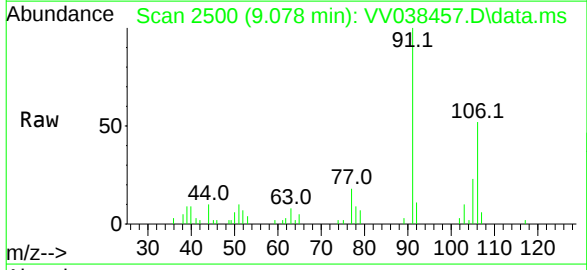
#53
m,p-Xylene
Concen: 0.182 ug/L
RT: 9.078 min Scan# 2514
Delta R.T. 0.016 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion:106 Resp: 6014
Ion Ratio Lower Upper
106 100
91 193.8 148.2 275.2

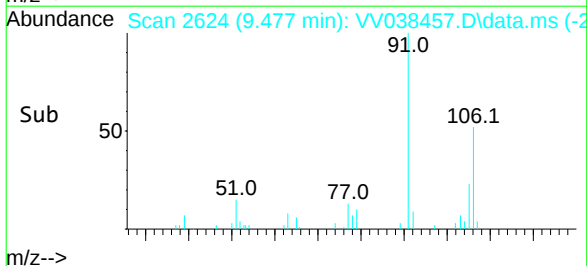
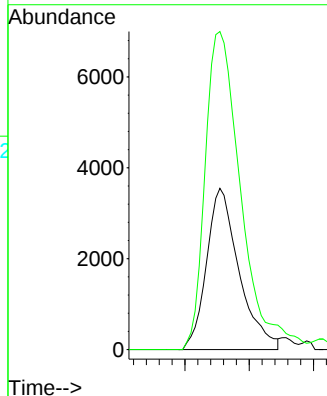
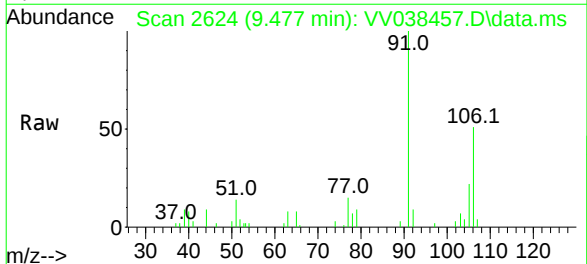
Manual Integrations
APPROVED

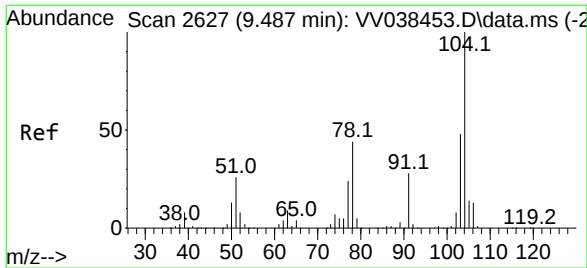
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#54
o-Xylene
Concen: 0.198 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.010 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

Tgt Ion:106 Resp: 6240
Ion Ratio Lower Upper
106 100
91 197.2 151.4 281.2





#55

Styrene

Concen: 0.149 ug/L

RT: 9.509 min Scan# 2627

Delta R.T. 0.022 min

Lab File: VV038457.D

Acq: 20 Jan 2025 12:27

Instrument :

MSVOA_V

ClientSampleId :

MDL02

Tgt Ion:104 Resp: 8210

Ion Ratio Lower Upper

104 100

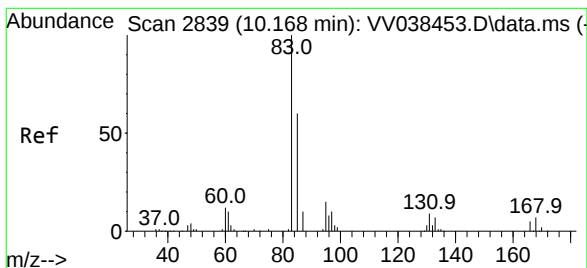
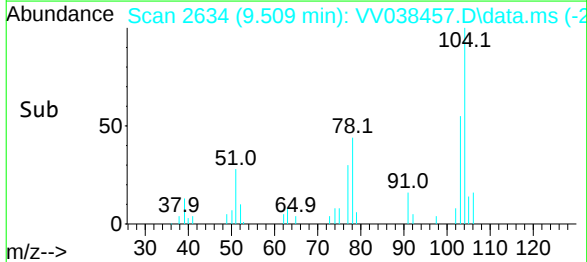
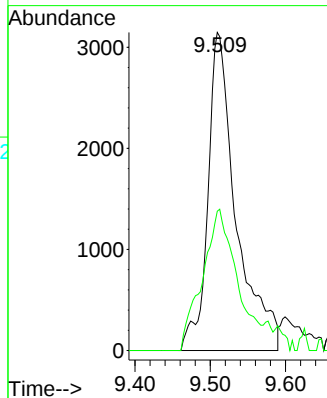
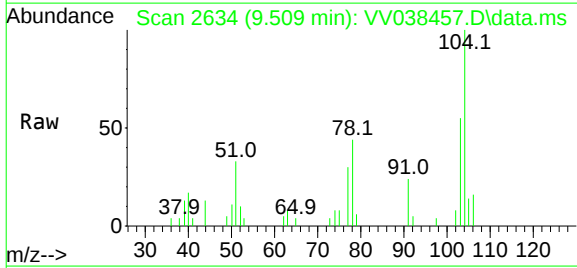
78 43.8 30.8 57.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/21/2025

Supervised By :Mahesh Dadoda 01/21/2025



#57

1,1,2,2-Tetrachloroethane

Concen: 0.240 ug/L

RT: 10.168 min Scan# 2839

Delta R.T. -0.000 min

Lab File: VV038457.D

Acq: 20 Jan 2025 12:27

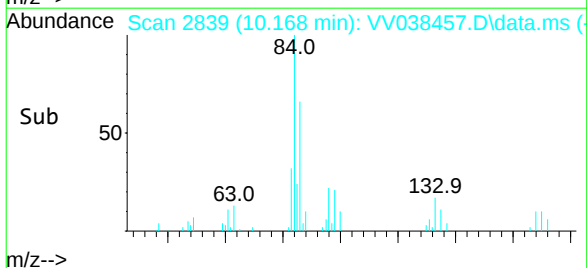
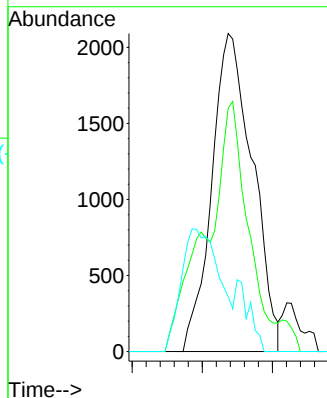
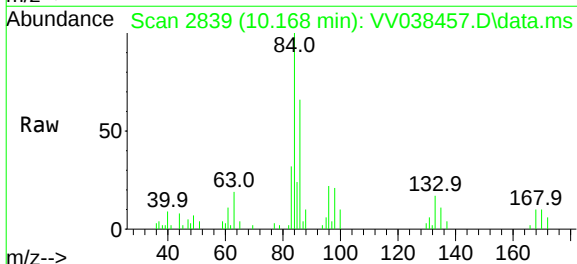
Tgt Ion: 83 Resp: 4229

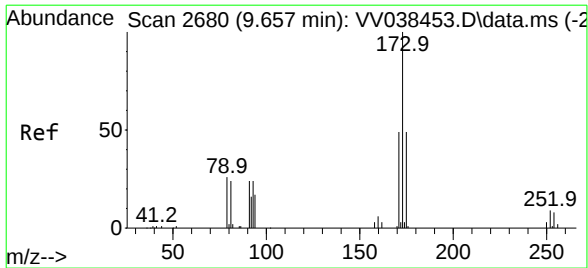
Ion Ratio Lower Upper

83 100

85 76.6 45.1 83.7

131 17.3 7.5 11.3#





#59

Bromoform

Concen: 0.276 ug/L

RT: 9.667 min Scan# 2680

Delta R.T. 0.010 min

Lab File: VV038457.D

Acq: 20 Jan 2025 12:27

Instrument :

MSVOA_V

ClientSampleId :

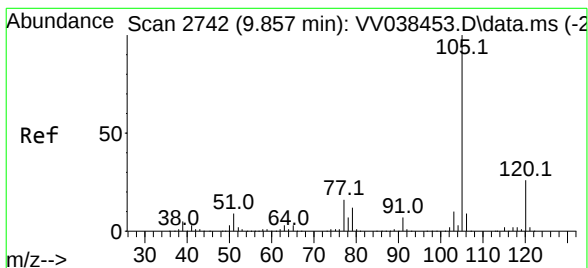
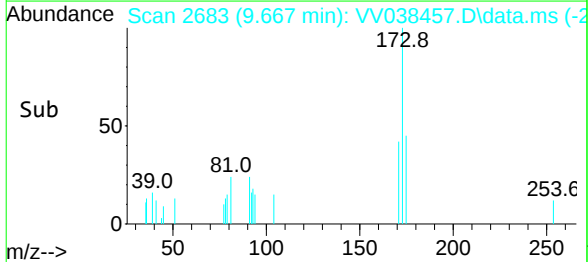
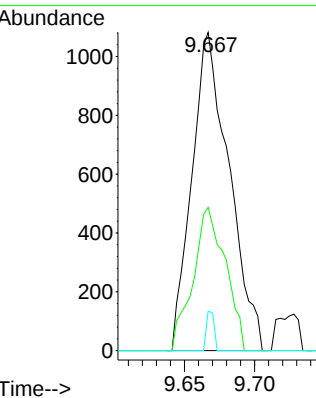
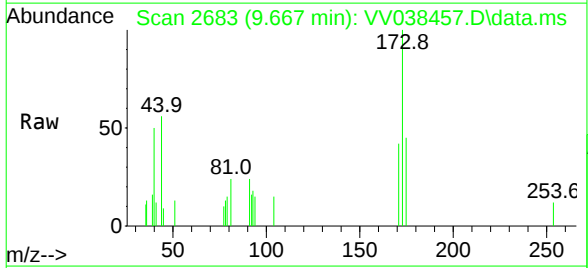
MDL02

Tgt Ion:	173	Resp:	1994
Ion	Ratio	Lower	Upper
173	100		
175	39.2	37.6	56.4
254	2.6	5.6	8.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#60

Isopropylbenzene

Concen: 0.215 ug/L

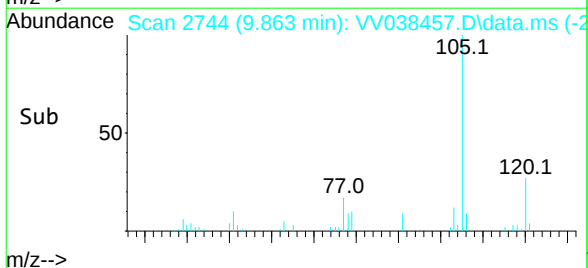
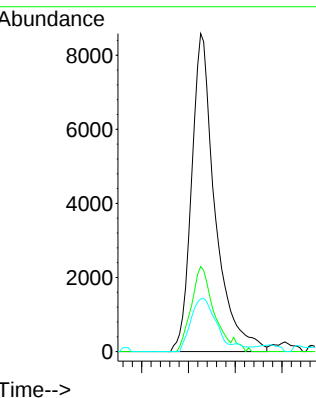
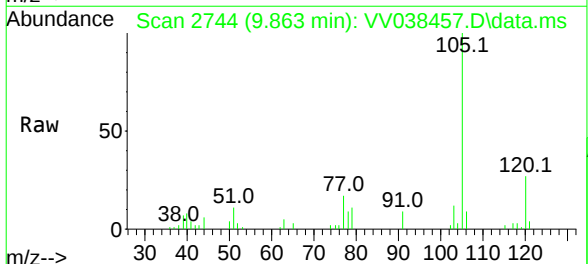
RT: 9.863 min Scan# 2744

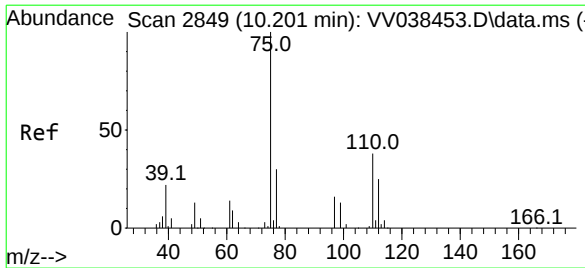
Delta R.T. 0.006 min

Lab File: VV038457.D

Acq: 20 Jan 2025 12:27

Tgt Ion:	105	Resp:	14974
Ion	Ratio	Lower	Upper
105	100		
120	26.3	21.4	32.2
77	17.6	12.7	19.1





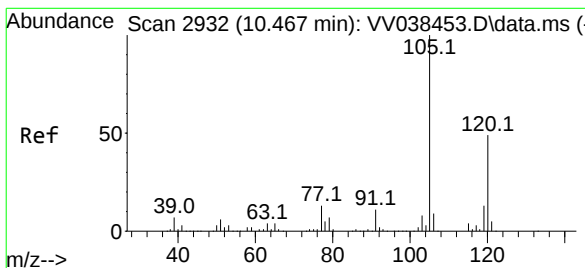
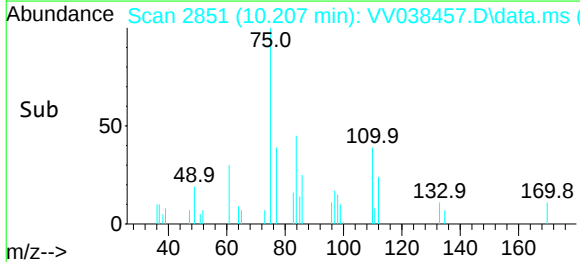
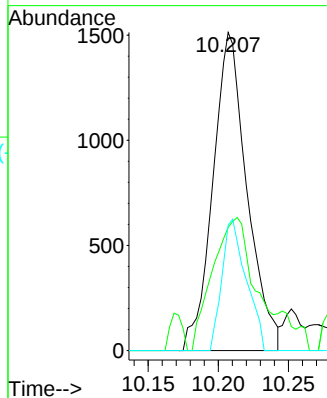
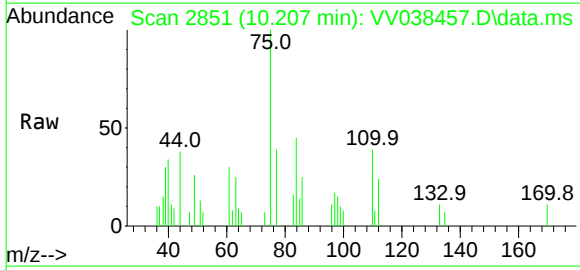
#61
1,2,3-Trichloropropane
Concen: 0.257 ug/L
RT: 10.207 min Scan# 2849
Delta R.T. 0.006 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion	Ratio	Lower	Upper
75	100		
77	50.7	25.4	38.0
110	29.3	32.6	48.8

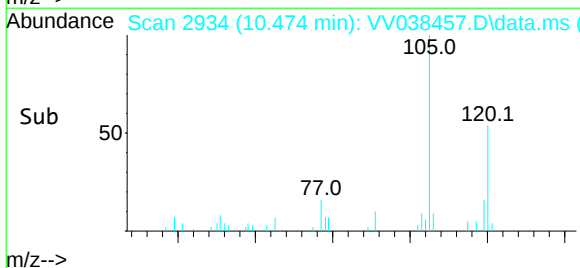
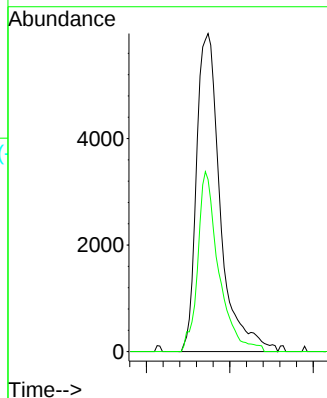
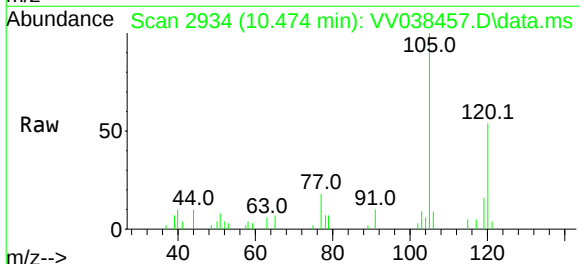
Manual Integrations
APPROVED

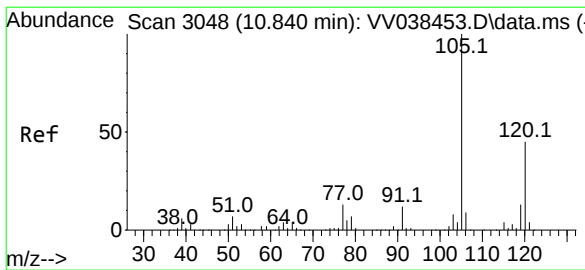
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#62
1,3,5-Trimethylbenzene
Concen: 0.217 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. 0.006 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.7	39.4	59.0





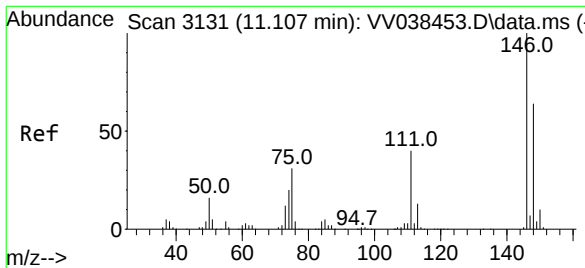
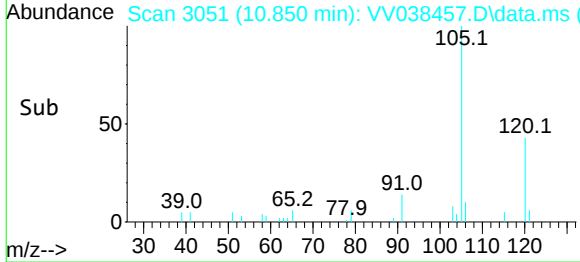
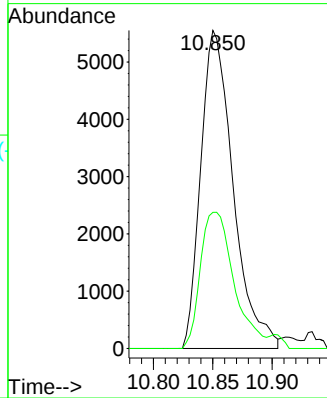
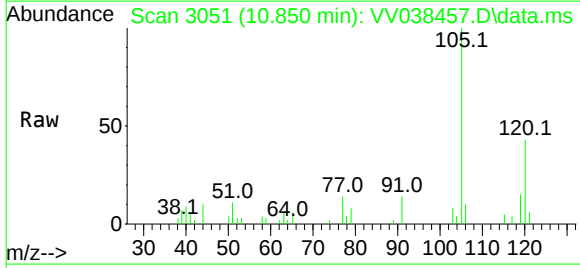
#63
1,2,4-Trimethylbenzene
Concen: 0.193 ug/L
RT: 10.850 min Scan# 3048
Delta R.T. 0.010 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion:105 Resp: 10537
Ion Ratio Lower Upper
105 100
120 44.4 35.8 53.8

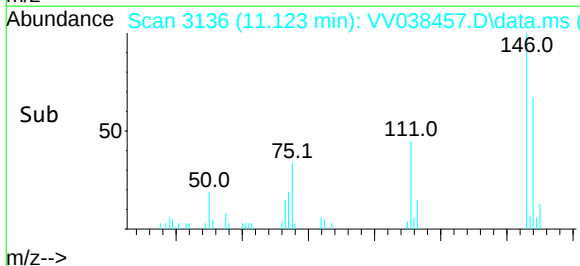
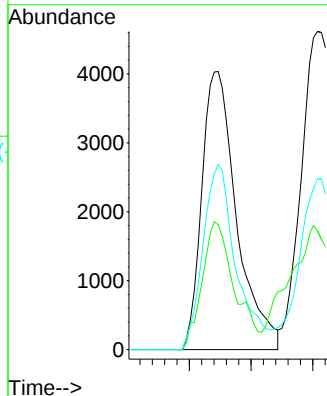
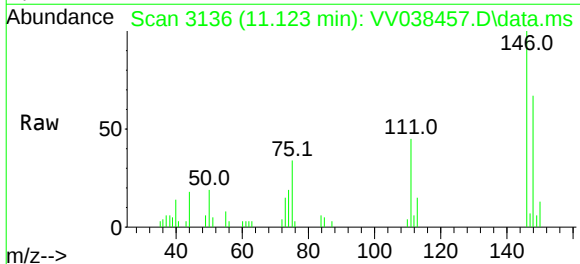
Manual Integrations
APPROVED

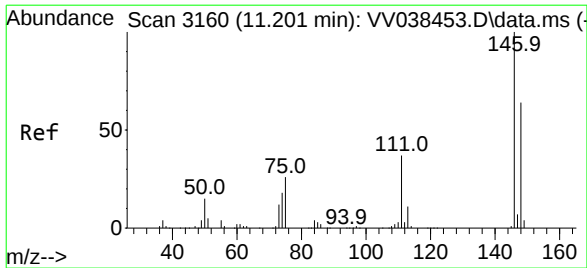
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#64
1,3-Dichlorobenzene
Concen: 0.229 ug/L
RT: 11.123 min Scan# 3136
Delta R.T. 0.016 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

Tgt Ion:146 Resp: 7920
Ion Ratio Lower Upper
146 100
111 44.8 27.9 51.9
148 66.6 44.7 83.1





#65

1,4-Dichlorobenzene

Concen: 0.276 ug/L

RT: 11.204 min Scan# 3160

Delta R.T. 0.003 min

Lab File: VV038457.D

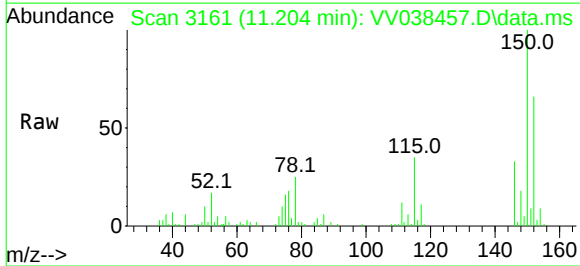
Acq: 20 Jan 2025 12:27

Instrument :

MSVOA_V

ClientSampleId :

MDL02

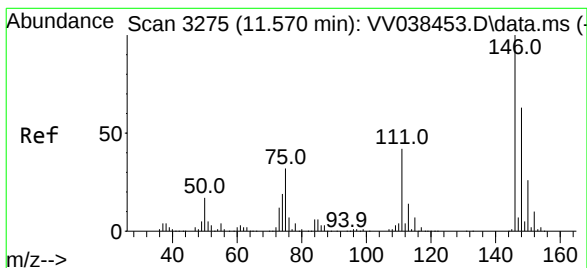
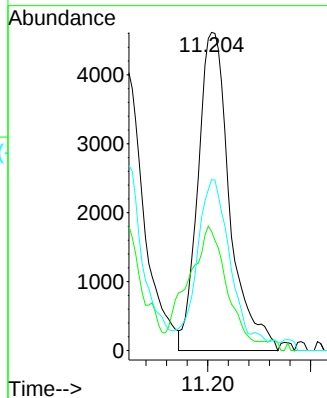
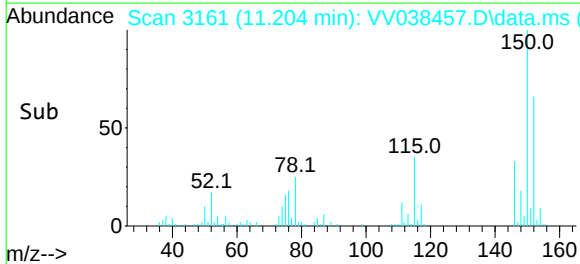


Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	28.1	52.3
148	53.7	44.7	83.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#67

1,2-Dichlorobenzene

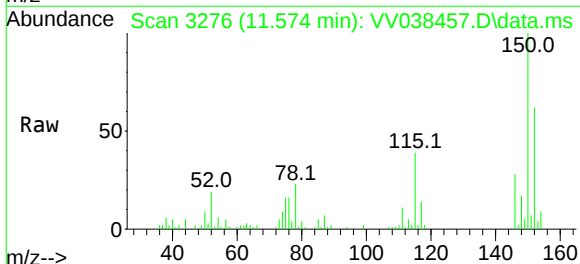
Concen: 0.281 ug/L

RT: 11.574 min Scan# 3276

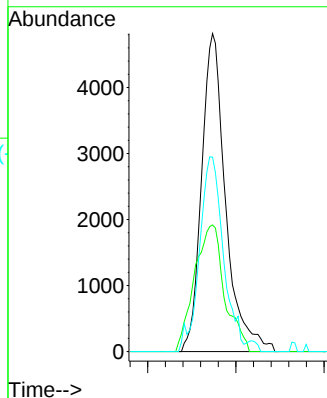
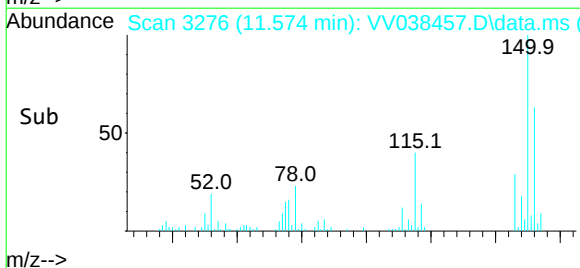
Delta R.T. 0.003 min

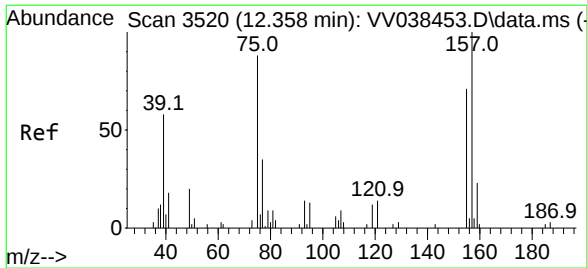
Lab File: VV038457.D

Acq: 20 Jan 2025 12:27



Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	33.4	50.0
148	61.1	49.9	74.9





#68

1,2-Dibromo-3-chloropropane

Concen: 0.212 ug/L m

RT: 12.371 min Scan# 35

Delta R.T. 0.013 min

Lab File: VV038457.D

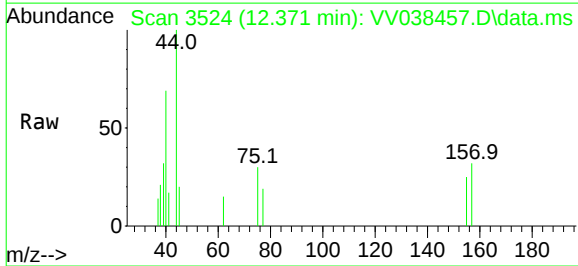
Acq: 20 Jan 2025 12:27

Instrument :

MSVOA_V

ClientSampleId :

MDL02

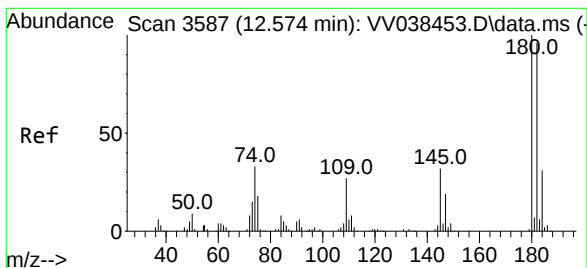
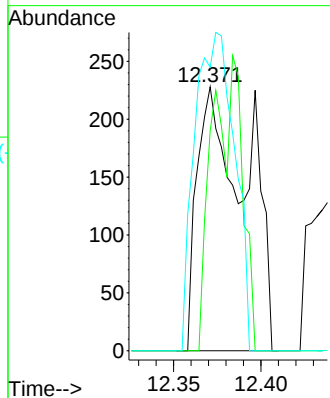
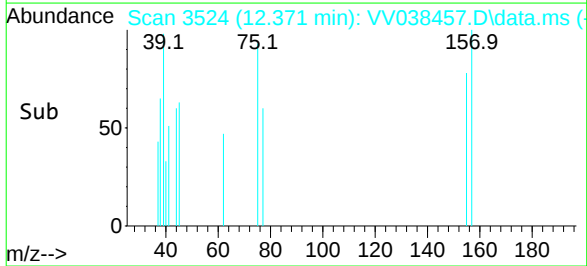


Tgt Ion:	75	Resp:	437
Ion Ratio	Lower	Upper	
75	100		
155	83.3	56.7	85.1
157	107.5	74.4	111.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#69

1,3,5-Trichlorobenzene

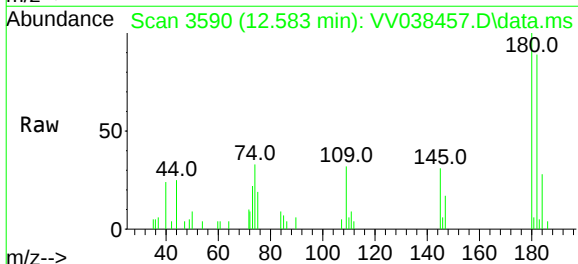
Concen: 0.225 ug/L

RT: 12.583 min Scan# 3590

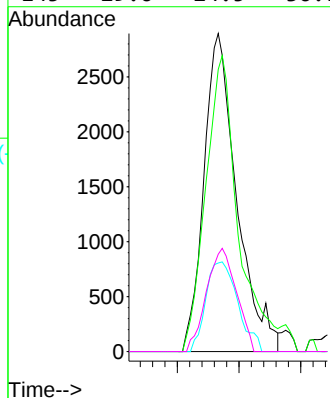
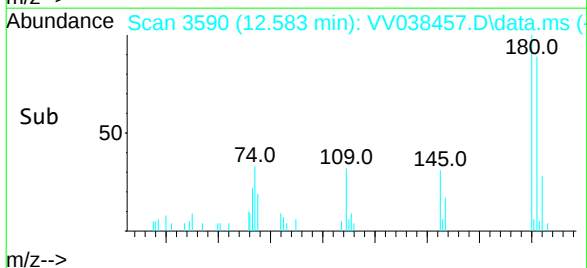
Delta R.T. 0.010 min

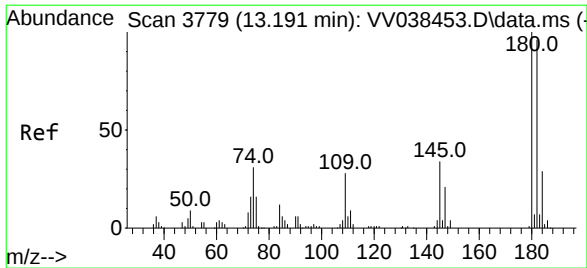
Lab File: VV038457.D

Acq: 20 Jan 2025 12:27



Tgt Ion:	180	Resp:	5345
Ion Ratio	Lower	Upper	
180	100		
182	91.5	74.3	111.5
184	27.4	23.2	34.8
145	29.6	24.5	36.7





#70

1,2,4-trichlorobenzene

Concen: 0.204 ug/L

RT: 13.207 min Scan# 3779

Delta R.T. 0.016 min

Lab File: VV038457.D

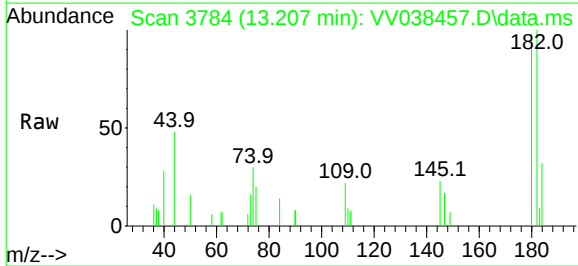
Acq: 20 Jan 2025 12:27

Instrument :

MSVOA_V

ClientSampleId :

MDL02

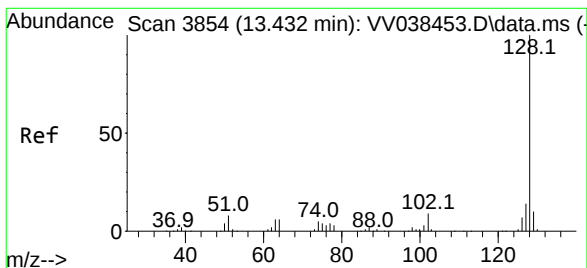
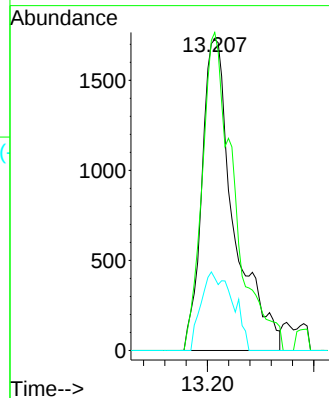
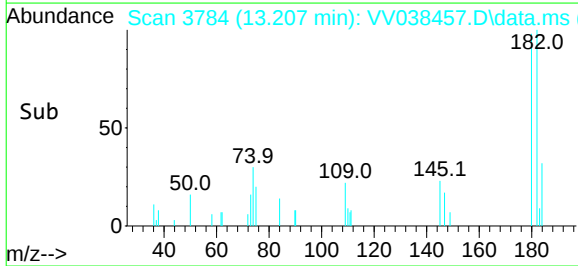


Tgt Ion:	180	Resp:	3617
Ion Ratio	Lower	Upper	
180	100		
182	102.7	77.5	116.3
145	24.9	26.2	39.4#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#71

Naphthalene

Concen: 0.247 ug/L m

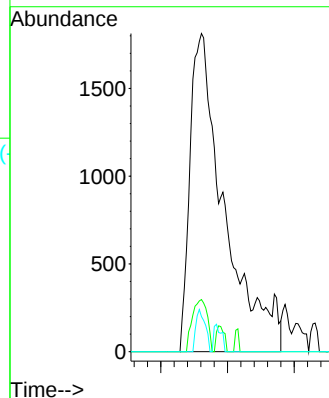
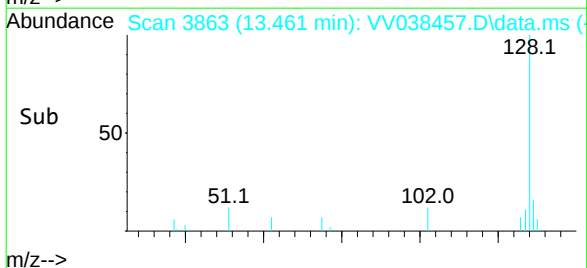
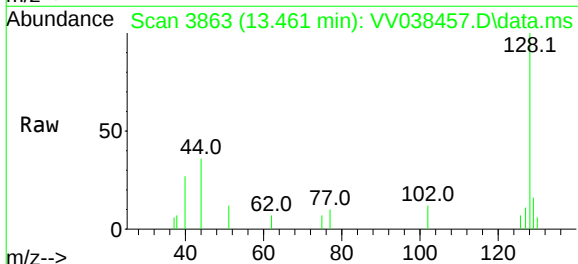
RT: 13.461 min Scan# 3863

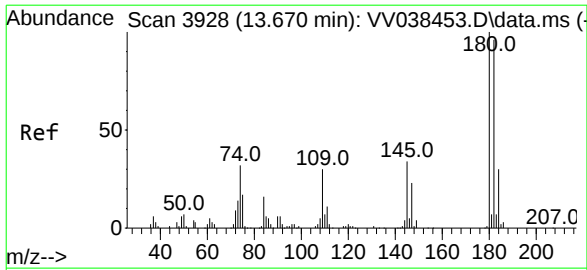
Delta R.T. 0.029 min

Lab File: VV038457.D

Acq: 20 Jan 2025 12:27

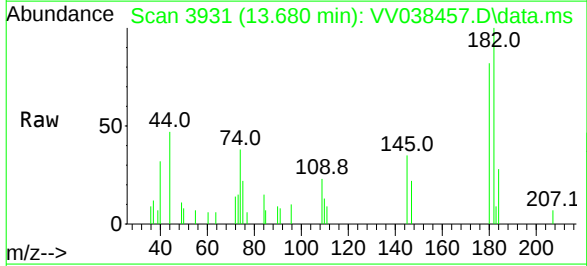
Tgt Ion:	128	Resp:	6487
Ion Ratio	Lower	Upper	
128	100		
129	7.2	8.3	12.5#
127	3.5	11.0	16.6#





#72
1,2,3-Trichlorobenzene
Concen: 0.203 ug/L
RT: 13.680 min Scan# 39
Delta R.T. 0.010 min
Lab File: VV038457.D
Acq: 20 Jan 2025 12:27

Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion:180 Resp: 3102
Ion Ratio Lower Upper
180 100
182 98.2 77.0 115.6
145 30.5 27.1 40.7

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025

