

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012225\
 Data File : VV038499.D
 Acq On : 22 Jan 2025 15:12
 Operator : SY/MD
 Sample : MDL06
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
 Supervised By :Semsettin Yesilyurt 01/24/2025

Quant Time: Jan 23 01:39:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 23 01:38:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	210843	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	218198	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	95235	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	55456	3.189	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.800%
7) Chloroethane-d5	1.532	69	51854	3.551	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.000%
11) 1,1-Dichloroethene-d2	2.056	65	27465	3.505	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.200%
20) 2-Butanone-d5	3.857	46	130809m	35.770	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.540%
24) Chloroform-d	4.240	84	121112	3.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.400%
26) 1,2-Dichloroethane-d4	4.937	65	57524	3.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.000%
32) Benzene-d6	4.953	84	221612	3.688	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.800%
36) 1,2-Dichloropropane-d6	5.982	67	73577	4.028	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.600%
41) Toluene-d8	7.236	98	177182	3.282	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.600%#
43) trans-1,3-Dichloroprop...	7.558	79	21675	3.244	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.800%
46) 2-Hexanone-d5	8.027	63	73215	27.773	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	55.540%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	55601	3.839	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	67955	4.216	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	4555	0.193	ug/L	94
5) Vinyl chloride	1.282	62	4627	0.190	ug/L #	81
6) Bromomethane	1.487	94	2922	0.239	ug/L	89
8) Chloroethane	1.548	64	3332m	0.228	ug/L	
9) Trichlorofluoromethane	1.709	101	6126	0.197	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	4614	0.260	ug/L	90
12) 1,1-Dichloroethene	2.066	96	4571	0.261	ug/L #	1
14) Carbon disulfide	2.236	76	11799	0.201	ug/L	100
15) Methyl Acetate	2.404	43	1456m	0.200	ug/L	
16) Methylene chloride	2.449	84	3938	0.203	ug/L	93
17) Methyl tert-butyl Ether	2.709	73	6738	0.183	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	3484	0.194	ug/L	99
19) 1,1-Dichloroethane	3.111	63	6737	0.197	ug/L #	91
21) 2-Butanone	3.947	43	8796m	2.179	ug/L	
22) cis-1,2-Dichloroethene	3.822	96	3154	0.173	ug/L	99
23) Bromochloromethane	4.162	128	1457	0.175	ug/L	85
25) Chloroform	4.275	83	7492	0.222	ug/L	98
27) 1,2-Dichloroethane	5.056	62	4015m	0.213	ug/L	
29) 1,1,1-Trichloroethane	4.513	97	6003	0.207	ug/L #	39

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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	4.574	56	4767	0.180	ug/L	90
31) Carbon tetrachloride	4.735	117	5081	0.198	ug/L	89
33) Benzene	5.018	78	13222m	0.191	ug/L	
34) Trichloroethene	5.847	95	3785m	0.210	ug/L	
35) Methylcyclohexane	6.043	83	4530m	0.165	ug/L	
37) 1,2-Dichloropropane	6.108	63	3852m	0.215	ug/L	
38) Bromodichloromethane	6.436	83	4298	0.185	ug/L #	88
39) cis-1,3-Dichloropropene	6.969	75	4621m	0.187	ug/L	
40) 4-Methyl-2-pentanone	7.175	43	15717m	1.698	ug/L	
42) Toluene	7.323	91	12158	0.168	ug/L	97
44) trans-1,3-Dichloropropene	7.603	75	3821m	0.183	ug/L	
45) 1,1,2-Trichloroethane	7.776	97	2692	0.209	ug/L	81
47) Tetrachloroethene	7.905	164	3062	0.220	ug/L	80
48) 2-Hexanone	8.085	43	34295m	5.116	ug/L	
49) Dibromochloromethane	8.175	129	2631	0.178	ug/L	99
50) 1,2-Dibromoethane	8.291	107	2271	0.190	ug/L #	88
51) Chlorobenzene	8.809	112	8858	0.182	ug/L	95
52) Ethylbenzene	8.950	91	12715	0.164	ug/L	97
53) m,p-Xylene	9.082	106	4482	0.152	ug/L	86
54) o-Xylene	9.481	106	3776	0.135	ug/L	86
55) Styrene	9.513	104	6579m	0.134	ug/L	
57) 1,1,2,2-Tetrachloroethane	10.172	83	3143	0.201	ug/L #	85
59) Bromoform	9.664	173	1220	0.184	ug/L #	80
60) Isopropylbenzene	9.866	105	10959	0.171	ug/L	95
61) 1,2,3-Trichloropropane	10.207	75	1798	0.197	ug/L #	76
62) 1,3,5-Trimethylbenzene	10.471	105	7906	0.158	ug/L	99
63) 1,2,4-Trimethylbenzene	10.854	105	7262	0.145	ug/L	94
64) 1,3-Dichlorobenzene	11.120	146	6252	0.197	ug/L	90
65) 1,4-Dichlorobenzene	11.207	146	6896m	0.210	ug/L	
67) 1,2-Dichlorobenzene	11.574	146	6296	0.211	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.381	75	615m	0.325	ug/L	
69) 1,3,5-Trichlorobenzene	12.580	180	4034	0.184	ug/L	96
70) 1,2,4-trichlorobenzene	13.207	180	2467	0.152	ug/L #	96
71) Naphthalene	13.451	128	4193m	0.174	ug/L	
72) 1,2,3-Trichlorobenzene	13.680	180	1972	0.140	ug/L	86

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

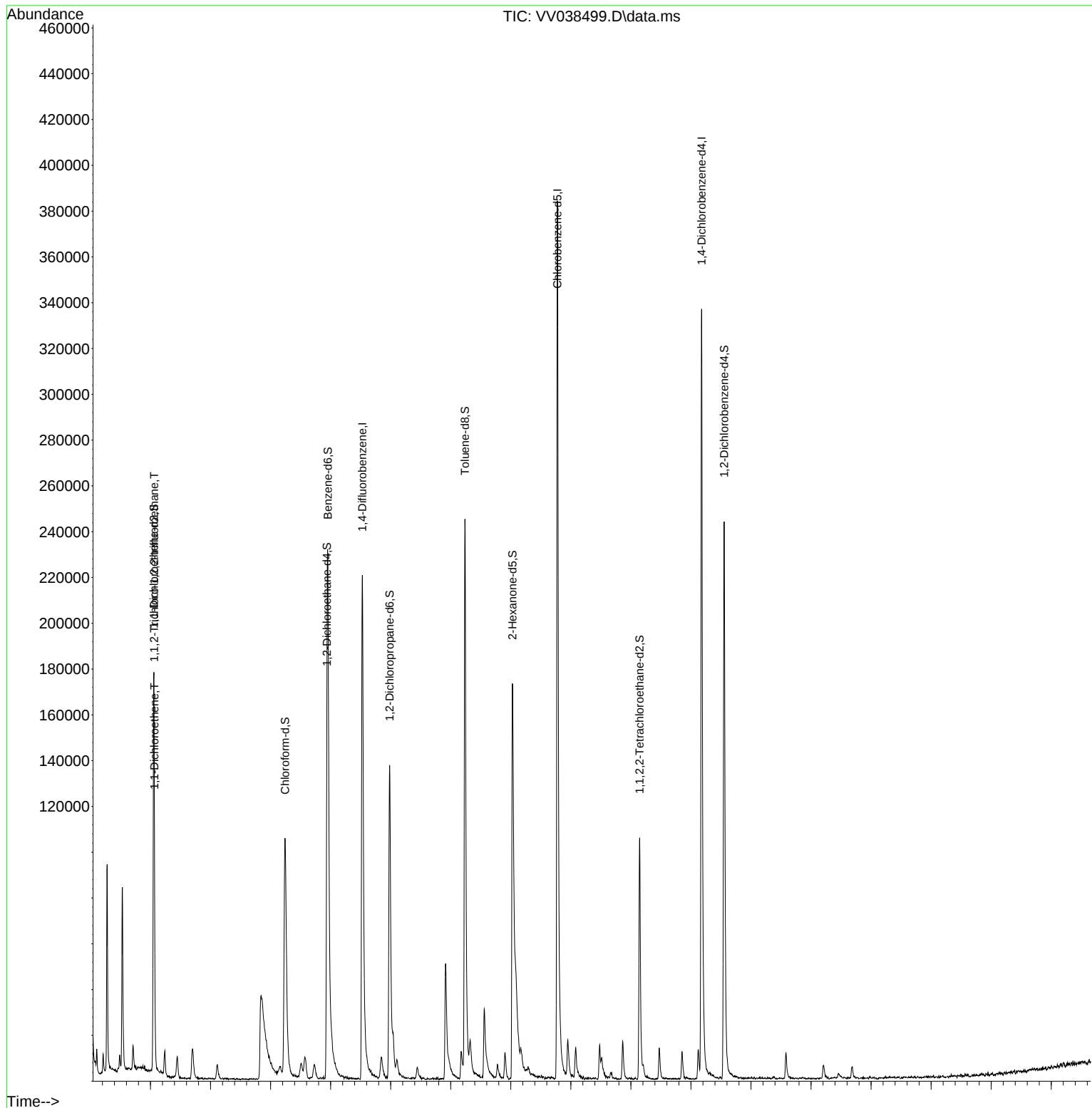
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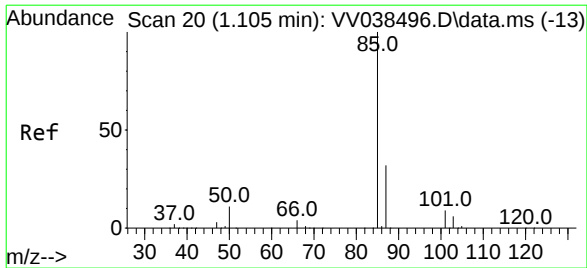
Instrument :
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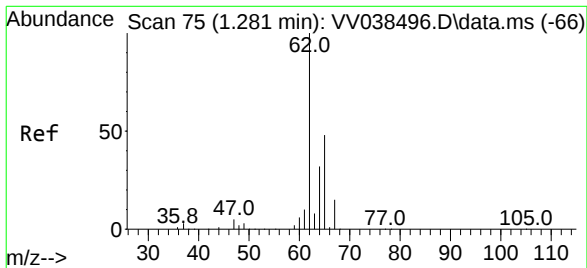
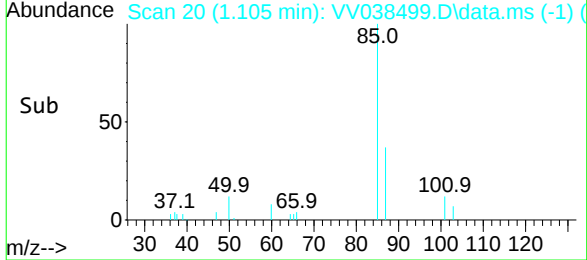
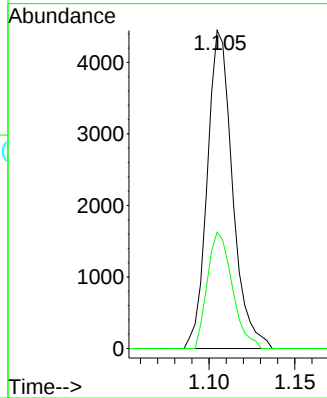
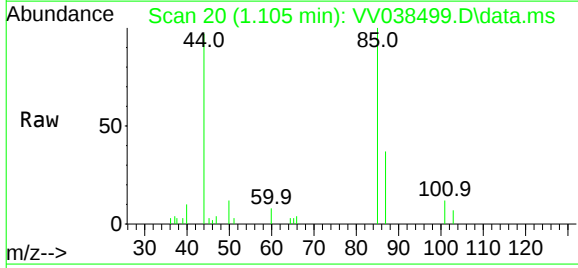
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 Dichlorodifluoromethane
 Concen: 0.193 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV038499.D
 Acq: 22 Jan 2025 15:12

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

Tgt Ion: 85 Resp: 4555
 Ion Ratio Lower Upper
 85 100
 87 35.9 26.0 39.0

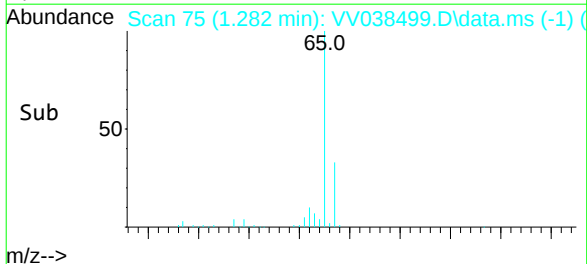
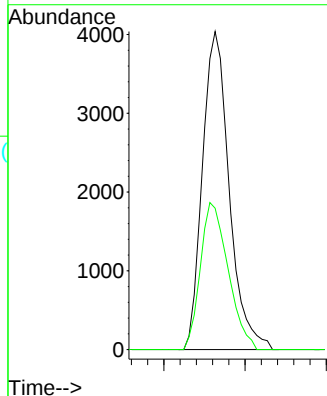
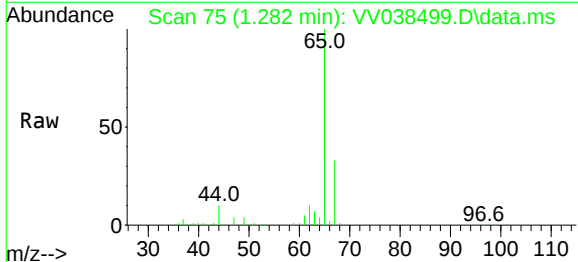
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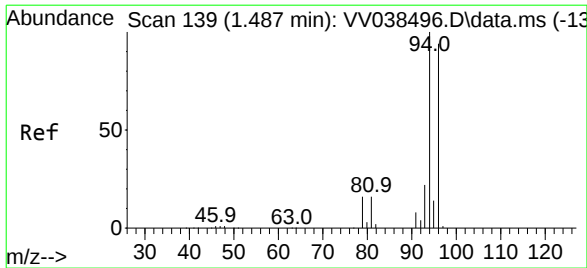
Reviewed By :Mahesh Dadoda 01/24/2025
 Supervised By :Semsettin Yesilyurt 01/24/2025



#5
 Vinyl chloride
 Concen: 0.190 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV038499.D
 Acq: 22 Jan 2025 15:12

Tgt Ion: 62 Resp: 4627
 Ion Ratio Lower Upper
 62 100
 64 44.5 23.5 43.7#





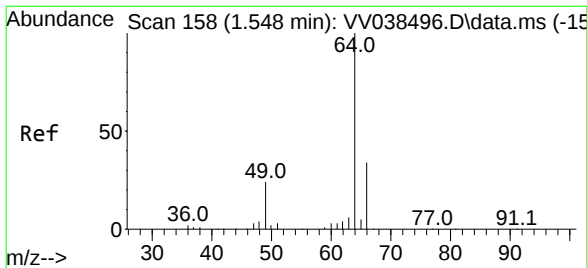
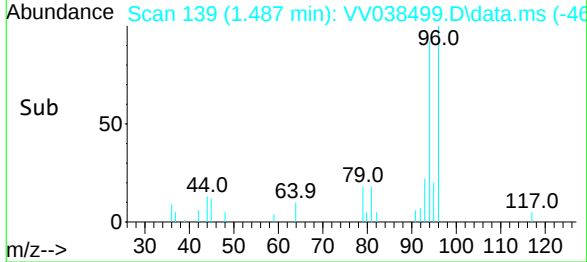
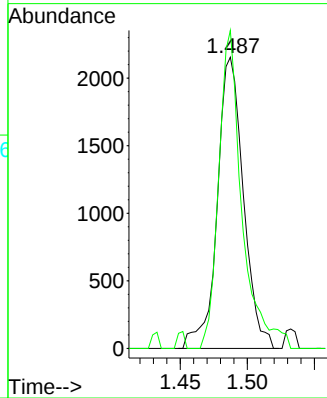
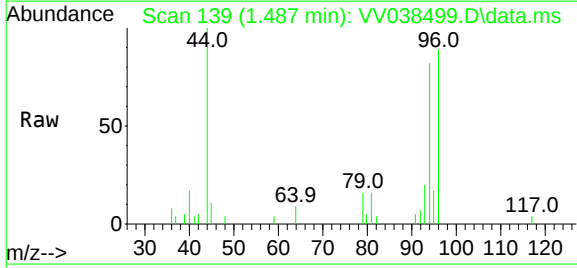
#6
Bromomethane
Concen: 0.239 ug/L
RT: 1.487 min Scan# 139
Delta R.T. 0.000 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12

Instrument :
MSVOA_V
ClientSampleId :
MDL06

Tgt Ion: 94 Resp: 2922
Ion Ratio Lower Upper
94 100
96 109.2 68.9 127.9

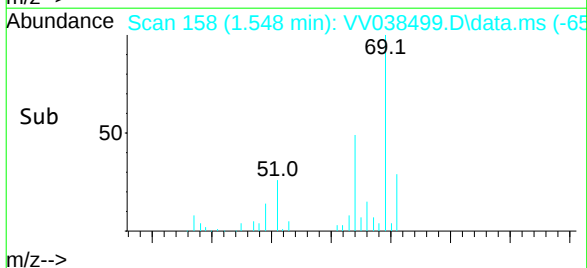
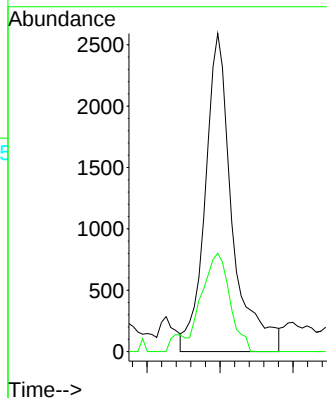
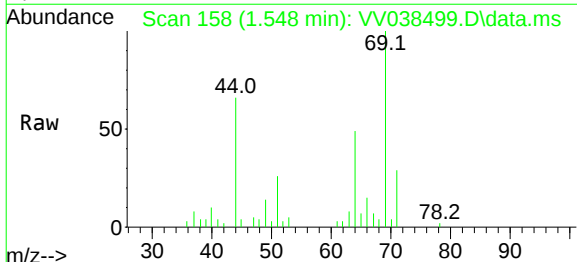
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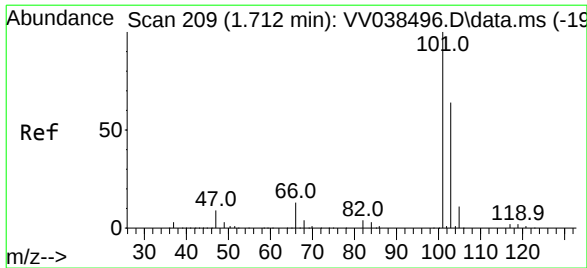
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#8
Chloroethane
Concen: 0.228 ug/L m
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12

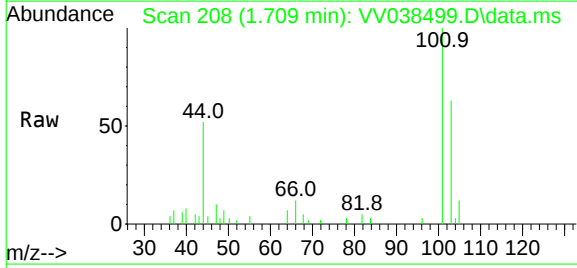
Tgt Ion: 64 Resp: 3332
Ion Ratio Lower Upper
64 100
66 30.9 22.7 42.1





#9
Trichlorofluoromethane
Concen: 0.197 ug/L
RT: 1.709 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12

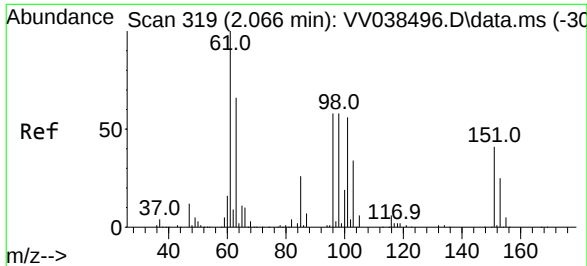
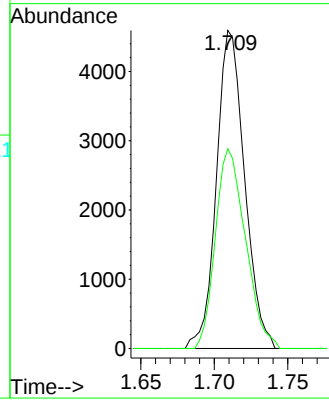
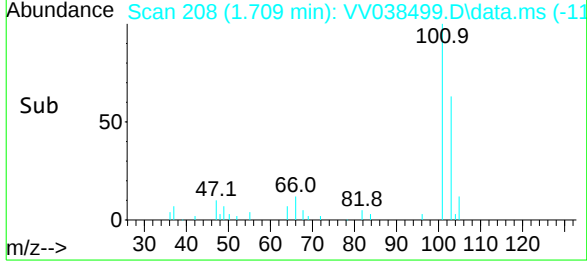
Instrument :
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ClientSampleId :
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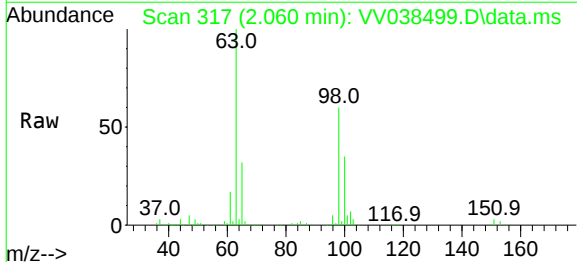
Tgt Ion:101 Resp: 6126
Ion Ratio Lower Upper
101 100
103 66.9 51.5 77.3

Manual Integrations
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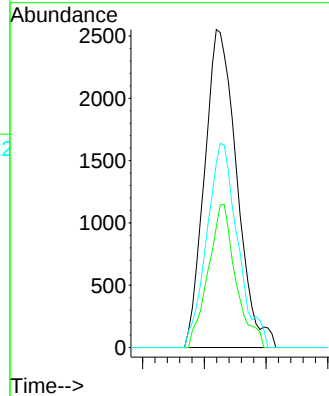
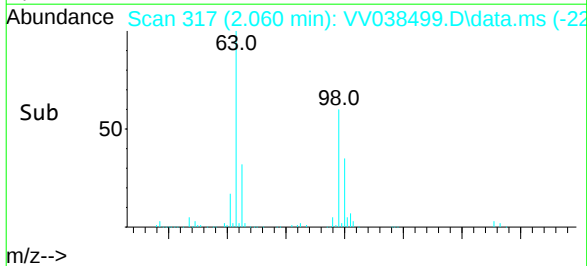
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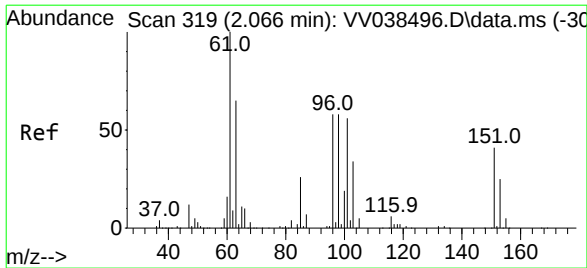


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.260 ug/L
RT: 2.060 min Scan# 317
Delta R.T. -0.006 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12



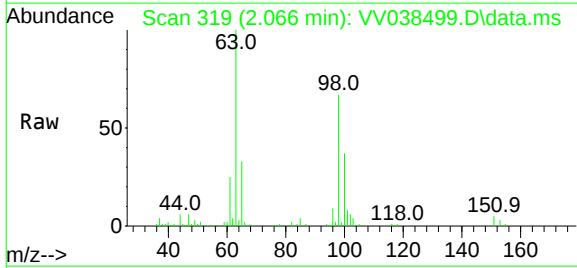
Tgt Ion:101 Resp: 4614
Ion Ratio Lower Upper
101 100
85 38.6 35.2 52.8
151 61.8 56.6 85.0





#12
1,1-Dichloroethene
Concen: 0.261 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.000 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12

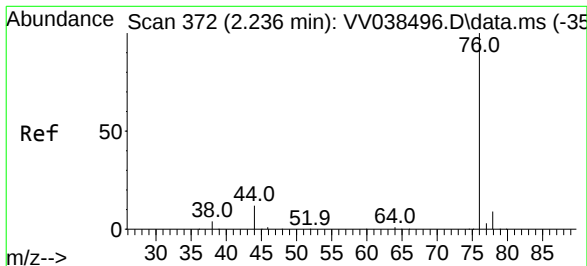
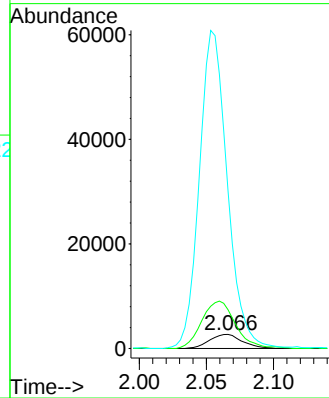
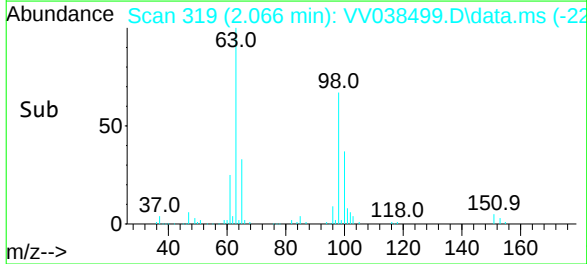
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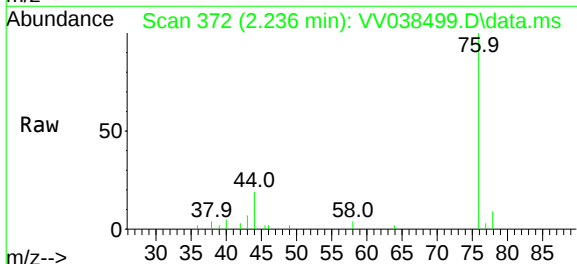
Tgt Ion: 96 Resp: 4571
Ion Ratio Lower Upper
96 100
61 275.4 122.2 227.0
63 1122.1 86.2 160.6

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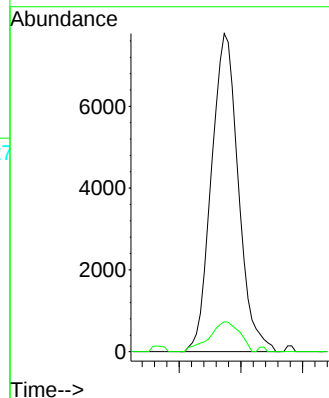
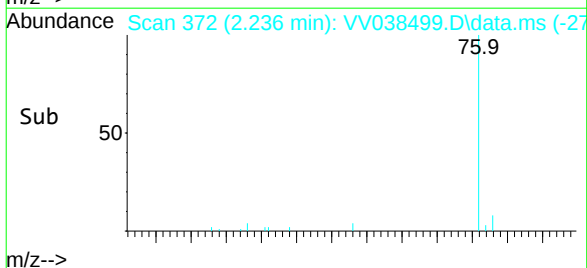
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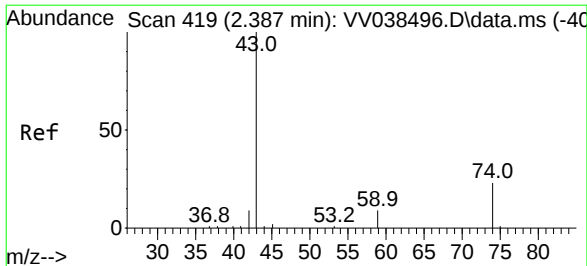


#14
Carbon disulfide
Concen: 0.201 ug/L
RT: 2.236 min Scan# 372
Delta R.T. 0.000 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12



Tgt Ion: 76 Resp: 11799
Ion Ratio Lower Upper
76 100
78 9.4 7.6 11.4





#15

Methyl Acetate

Concen: 0.200 ug/L m

RT: 2.404 min Scan# 42

Delta R.T. 0.016 min

Lab File: VV038499.D

Acq: 22 Jan 2025 15:12

Instrument :

MSVOA_V

ClientSampleId :

MDL06

Tgt Ion: 43 Resp: 1456

Ion Ratio Lower Upper

43 100

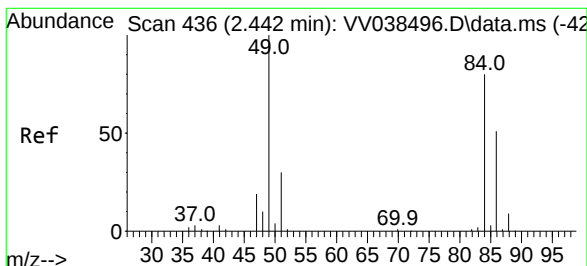
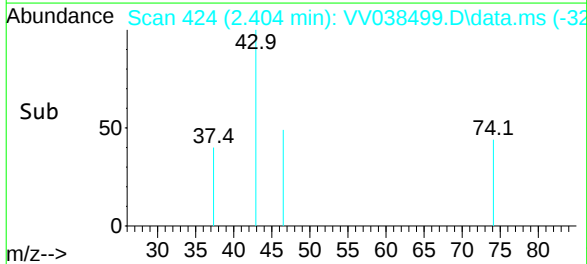
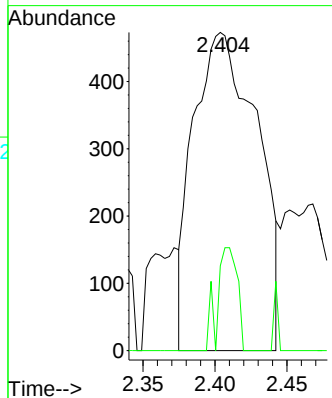
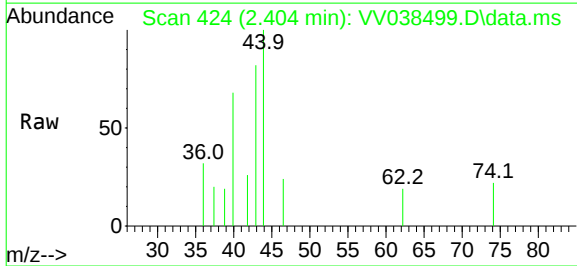
74 10.2 20.4 30.6#

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#16

Methylene chloride

Concen: 0.203 ug/L

RT: 2.449 min Scan# 438

Delta R.T. 0.007 min

Lab File: VV038499.D

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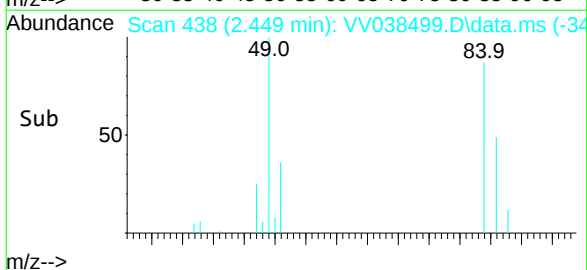
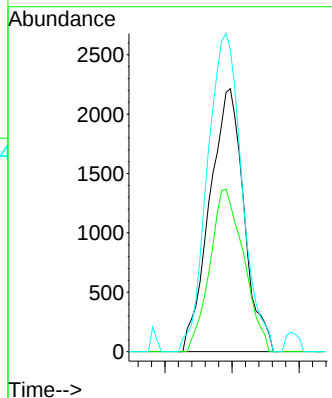
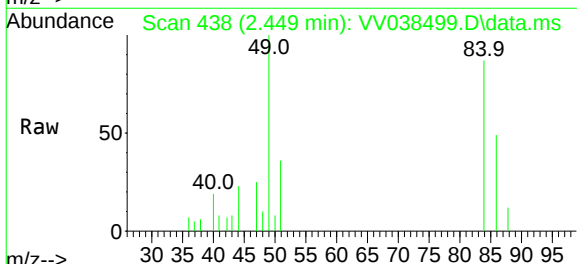
Tgt Ion: 84 Resp: 3938

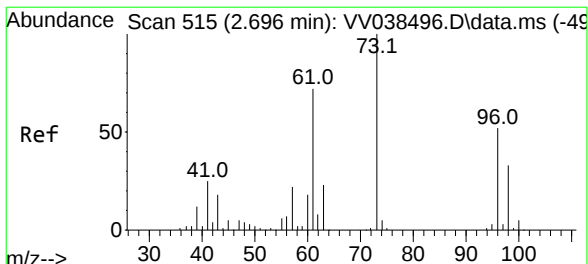
Ion Ratio Lower Upper

84 100

86 56.0 44.7 82.9

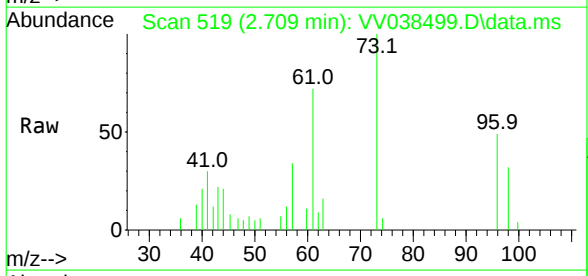
49 114.9 84.1 156.1





#17
Methyl tert-butyl Ether
Concen: 0.183 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.013 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12

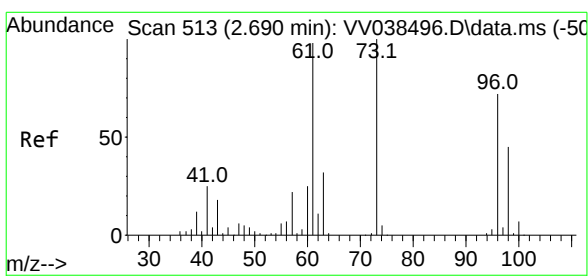
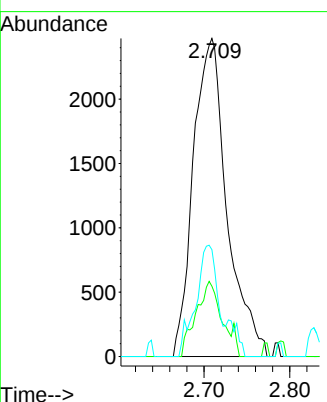
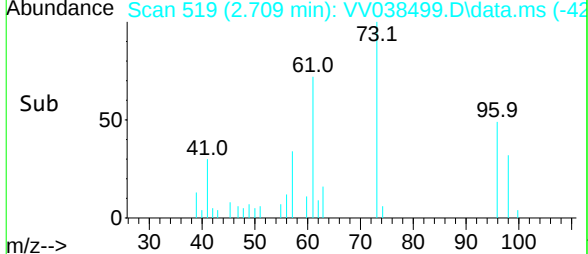
Instrument :
MSVOA_V
ClientSampleId :
MDL06



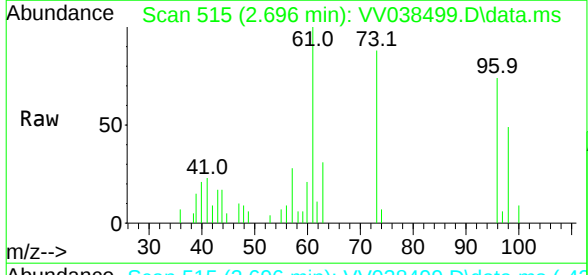
Tgt Ion: 73	Resp: 6738
Ion Ratio	Lower Upper
73 100	
43 18.4	14.6 21.8
57 22.8	17.9 26.9

Manual Integrations
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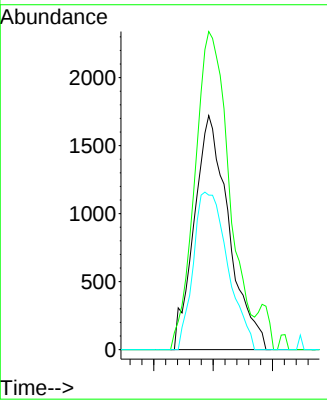
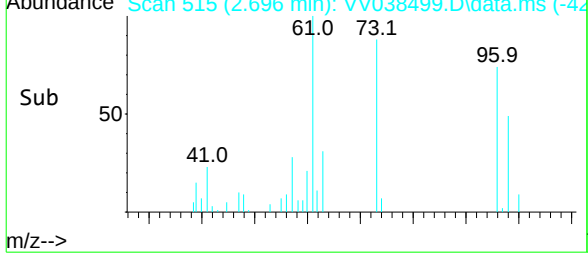
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025

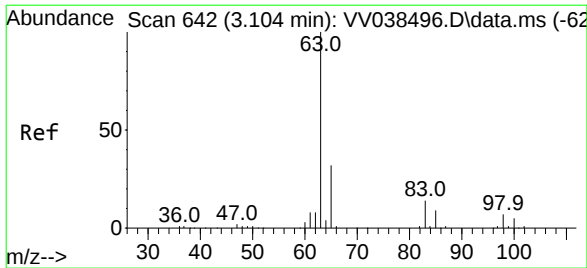


#18
trans-1,2-Dichloroethene
Concen: 0.194 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.007 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12



Tgt Ion: 96	Resp: 3484
Ion Ratio	Lower Upper
96 100	
61 135.9	94.8 176.2
98 66.0	44.2 82.2





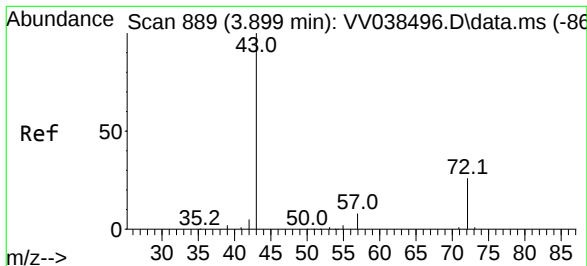
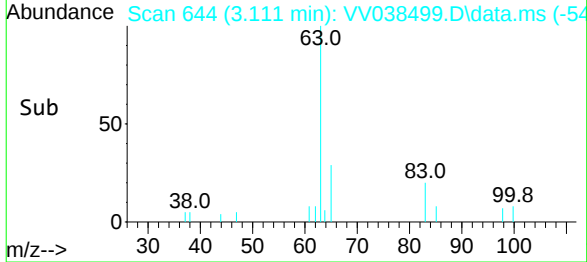
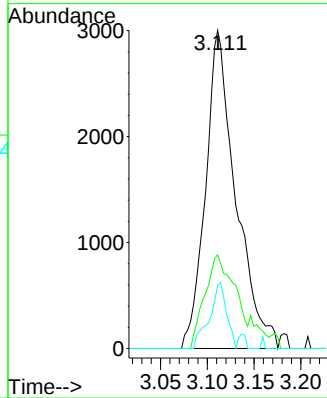
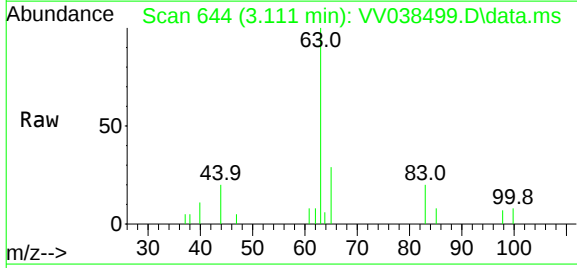
#19
1,1-Dichloroethane
Concen: 0.197 ug/L
RT: 3.111 min Scan# 64
Delta R.T. 0.007 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12

Instrument :
MSVOA_V
ClientSampleId :
MDL06

Tgt Ion	Ratio	Lower	Upper
63	100		
65	27.7	22.5	41.9
83	18.7	9.4	17.6

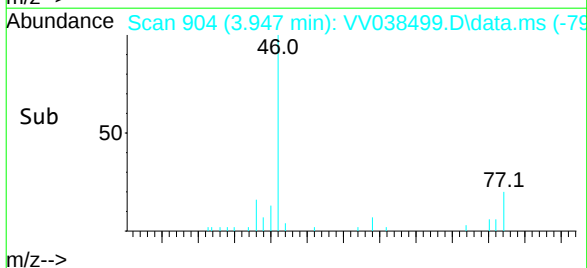
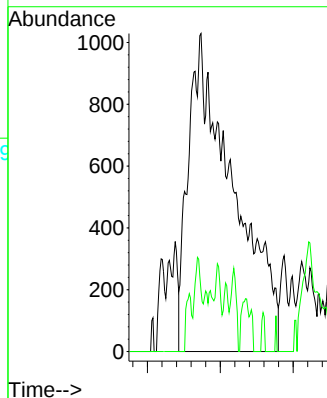
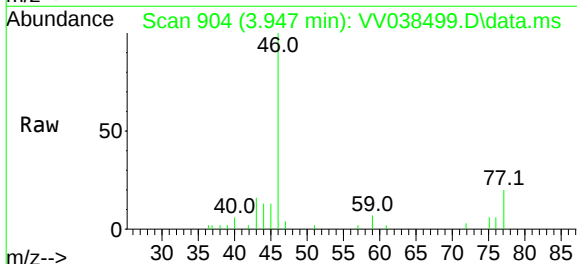
Manual Integrations
APPROVED

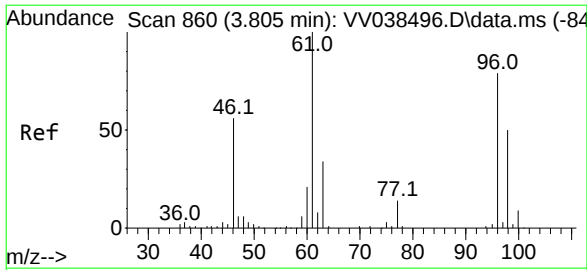
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#21
2-Butanone
Concen: 2.179 ug/L m
RT: 3.947 min Scan# 904
Delta R.T. 0.048 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12

Tgt Ion	Ratio	Lower	Upper
43	100		
72	3.9	12.2	36.4





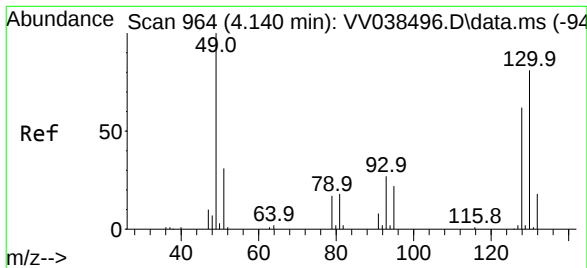
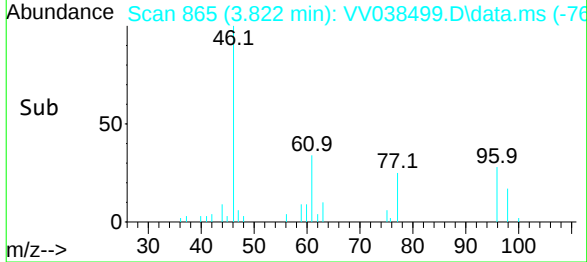
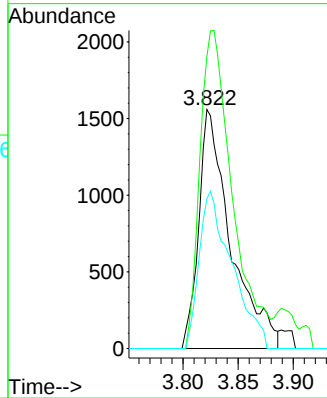
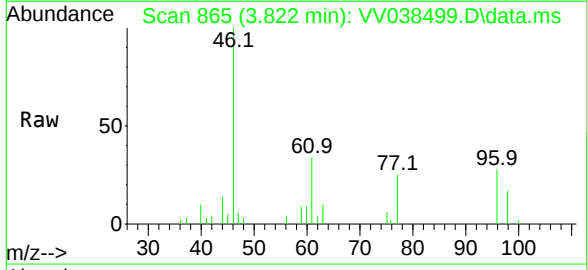
#22
cis-1,2-Dichloroethene
Concen: 0.173 ug/L
RT: 3.822 min Scan# 860
Delta R.T. 0.016 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12

Instrument :
MSVOA_V
ClientSampleId :
MDL06

Tgt Ion:	96	Resp:	3154
Ion	Ratio	Lower	Upper
96	100		
61	122.2	86.5	160.7
98	62.7	43.8	81.3

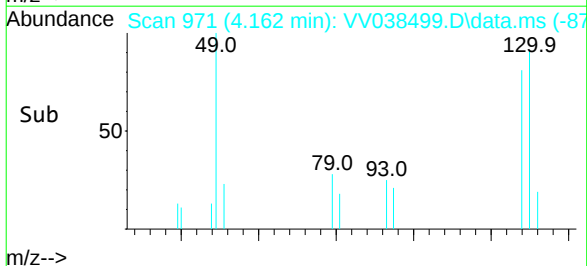
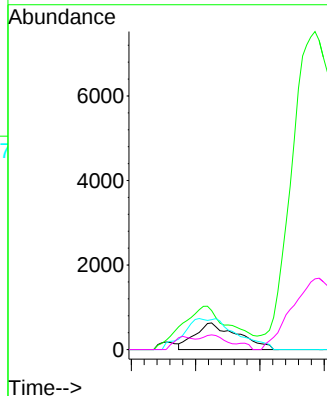
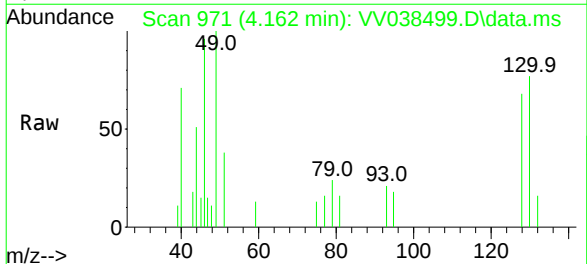
Manual Integrations
APPROVED

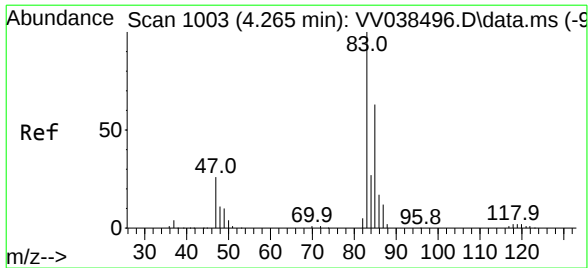
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#23
Bromochloromethane
Concen: 0.175 ug/L
RT: 4.162 min Scan# 971
Delta R.T. 0.023 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12

Tgt Ion:	128	Resp:	1457
Ion	Ratio	Lower	Upper
128	100		
49	146.5	121.0	224.8
130	112.4	90.1	167.3
51	55.2	43.3	64.9





#25

Chloroform

Concen: 0.222 ug/L

RT: 4.275 min Scan# 10

Delta R.T. 0.010 min

Lab File: VV038499.D

Acq: 22 Jan 2025 15:12

Instrument :

MSVOA_V

ClientSampleId :

MDL06

Tgt Ion: 83 Resp: 7492

Ion Ratio Lower Upper

83 100

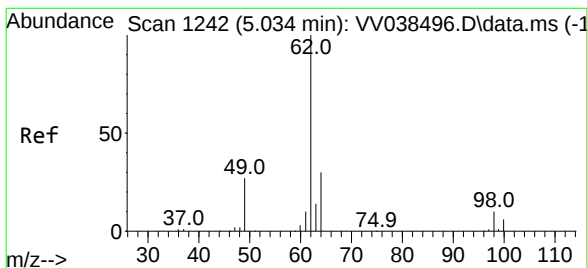
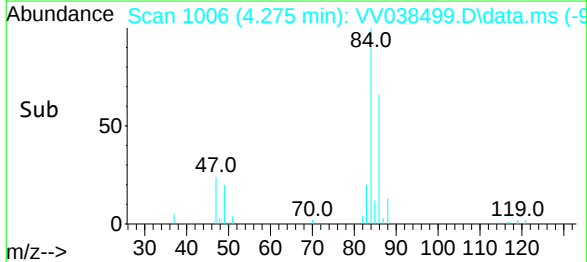
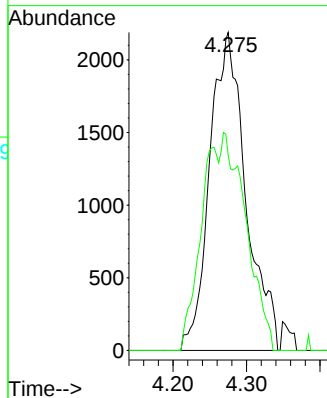
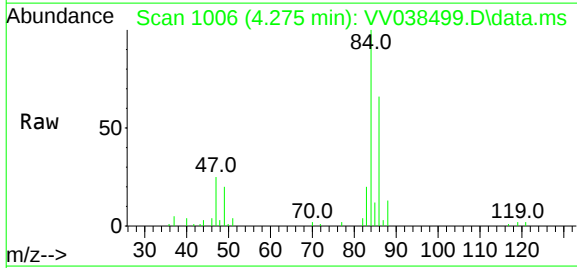
85 61.4 44.0 81.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025

Supervised By :Semsettin Yesilyurt 01/24/2025



#27

1,2-Dichloroethane

Concen: 0.213 ug/L m

RT: 5.056 min Scan# 1249

Delta R.T. 0.023 min

Lab File: VV038499.D

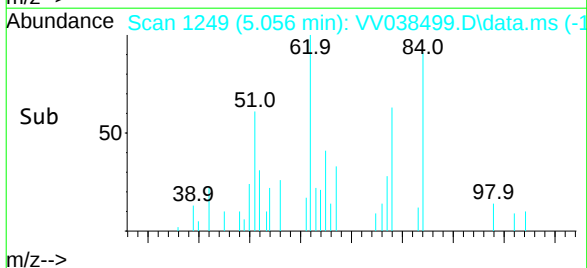
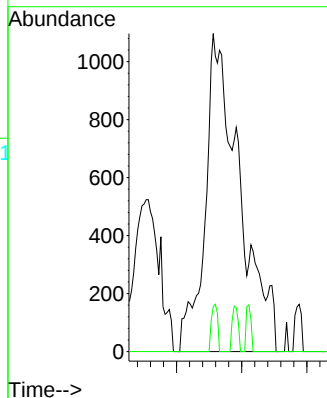
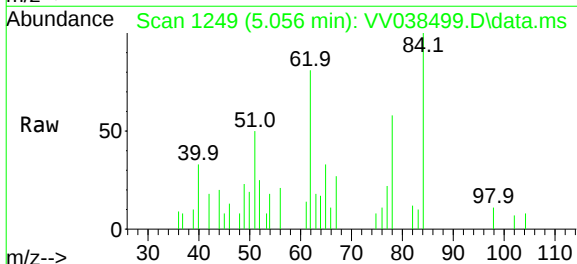
Acq: 22 Jan 2025 15:12

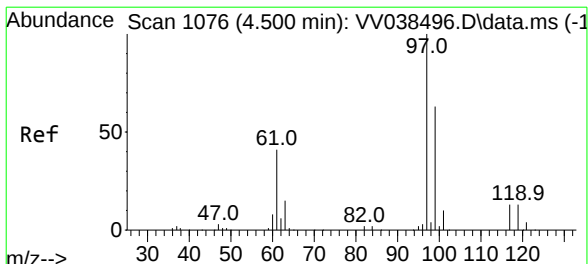
Tgt Ion: 62 Resp: 4015

Ion Ratio Lower Upper

62 100

98 14.1 7.8 11.6#





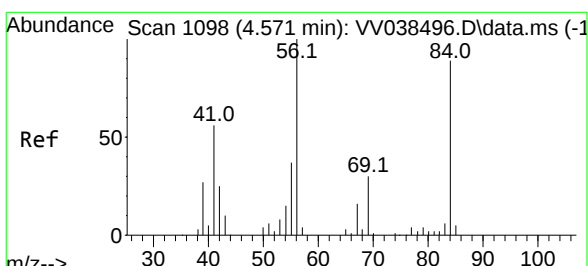
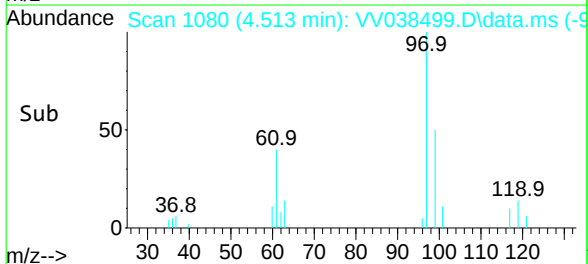
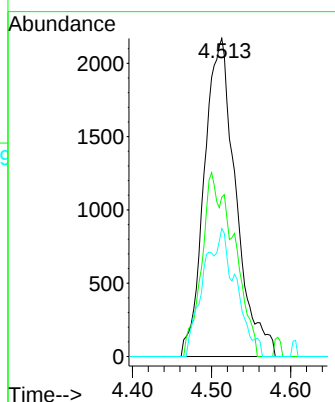
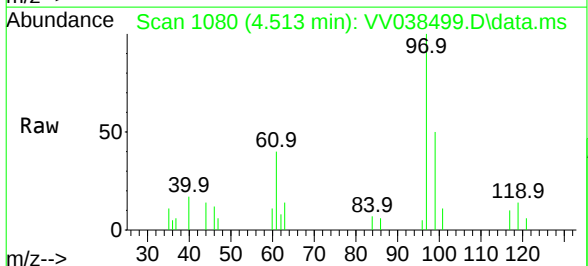
#29
1,1,1-Trichloroethane
Concen: 0.207 ug/L
RT: 4.513 min Scan# 1076
Delta R.T. 0.013 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12

Instrument : MSVOA_V
ClientSampleId : MDL06

Tgt Ion: 97	Resp: 6003
Ion Ratio	Lower Upper
97 100	
99 1.1	52.9 79.3
61 25.1	36.4 54.6

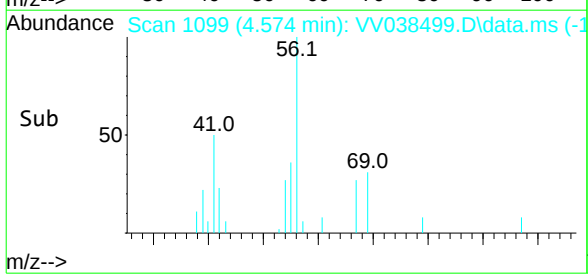
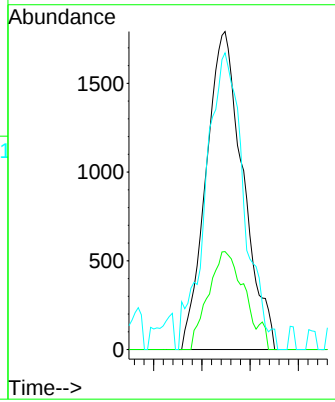
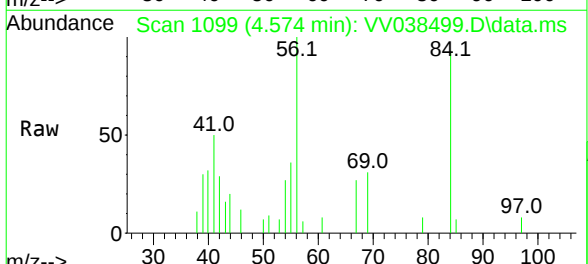
Manual Integrations
APPROVED

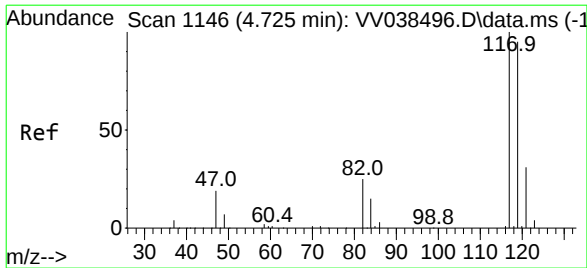
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#30
Cyclohexane
Concen: 0.180 ug/L
RT: 4.574 min Scan# 1099
Delta R.T. 0.003 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12

Tgt Ion: 56	Resp: 4767
Ion Ratio	Lower Upper
56 100	
69 29.0	24.7 37.1
84 96.2	68.2 102.2





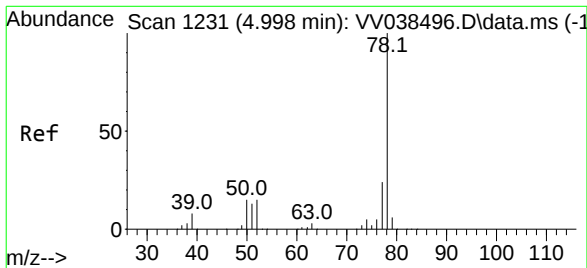
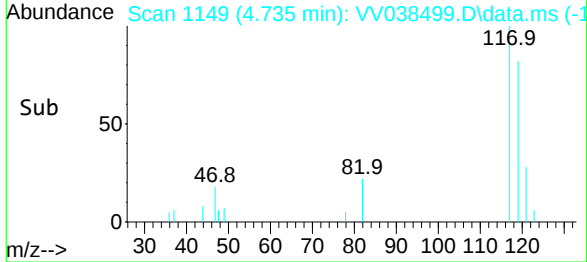
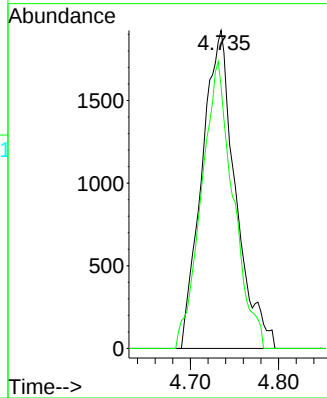
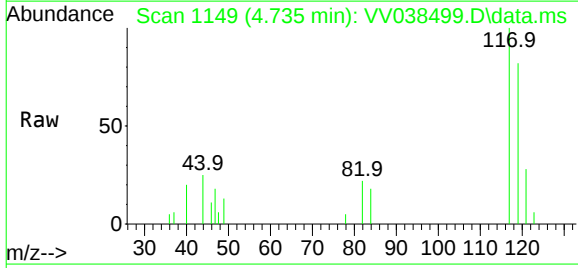
#31
Carbon tetrachloride
Concen: 0.198 ug/L
RT: 4.735 min Scan# 1146
Delta R.T. 0.010 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12

Instrument :
MSVOA_V
ClientSampleId :
MDL06

Tgt Ion:117 Resp: 5081
Ion Ratio Lower Upper
117 100
119 85.5 76.6 115.0

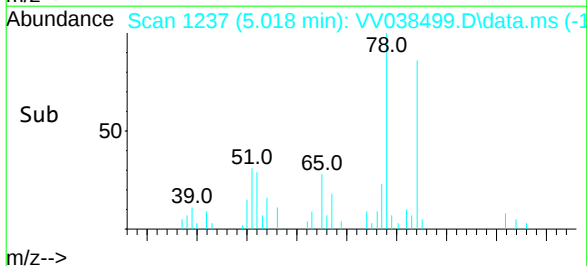
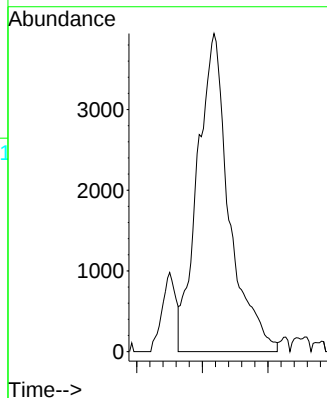
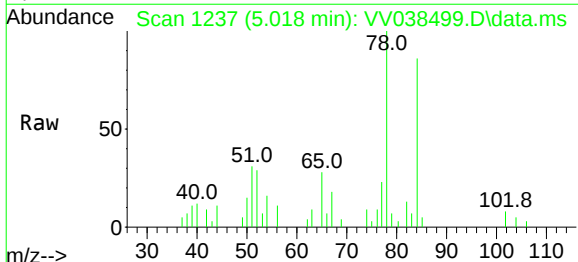
Manual Integrations
APPROVED

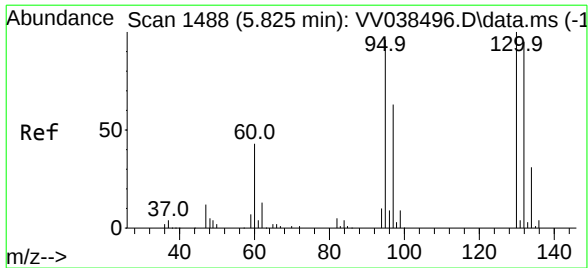
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#33
Benzene
Concen: 0.191 ug/L m
RT: 5.018 min Scan# 1237
Delta R.T. 0.019 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12

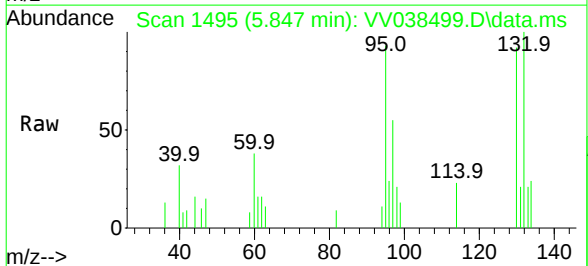
Tgt Ion: 78 Resp: 13222





#34
 Trichloroethene
 Concen: 0.210 ug/L m
 RT: 5.847 min Scan# 1488
 Delta R.T. 0.023 min
 Lab File: VV038499.D
 Acq: 22 Jan 2025 15:12

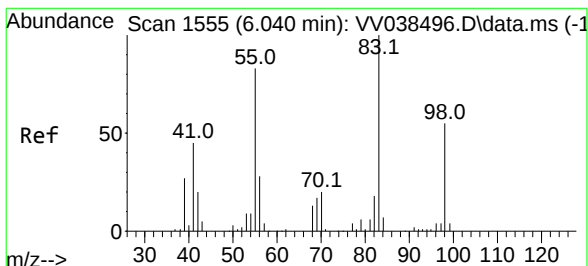
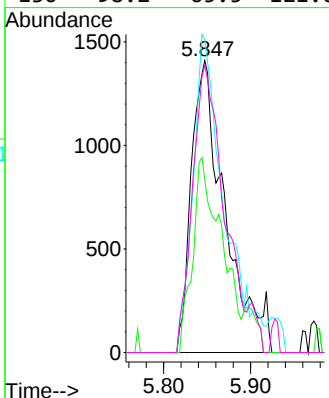
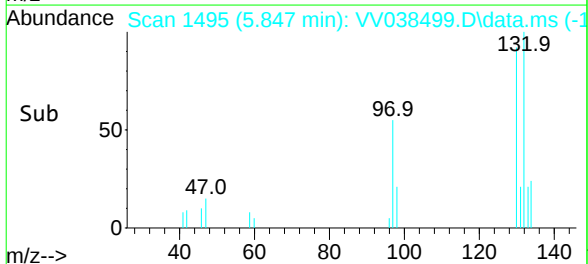
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06



Tgt Ion	Ratio	Lower	Upper
95	100		
97	59.2	43.4	80.6
132	107.0	65.5	121.6
130	98.2	65.5	121.6

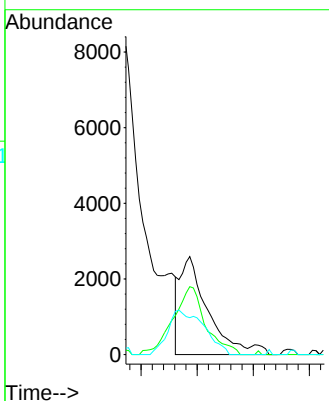
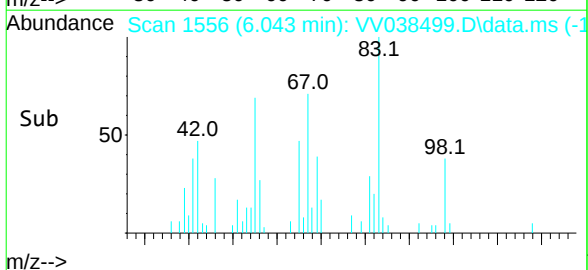
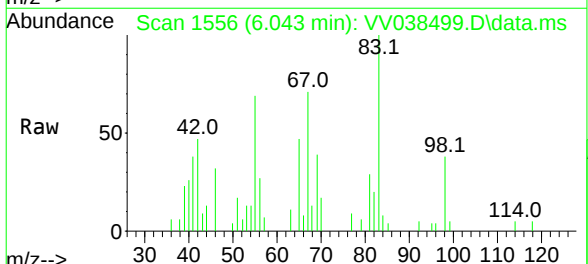
Manual Integrations
 APPROVED

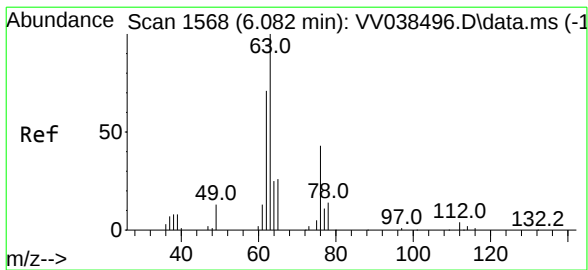
Reviewed By :Mahesh Dadoda 01/24/2025
 Supervised By :Semsettin Yesilyurt 01/24/2025



#35
 Methylcyclohexane
 Concen: 0.165 ug/L m
 RT: 6.043 min Scan# 1556
 Delta R.T. 0.003 min
 Lab File: VV038499.D
 Acq: 22 Jan 2025 15:12

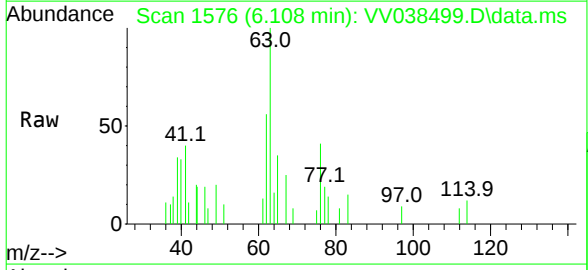
Tgt Ion	Ratio	Lower	Upper
83	100		
55	80.1	59.4	89.0
98	58.1	37.8	56.8





#37
 1,2-Dichloropropane
 Concen: 0.215 ug/L m
 RT: 6.108 min Scan# 15
 Delta R.T. 0.026 min
 Lab File: VV038499.D
 Acq: 22 Jan 2025 15:12

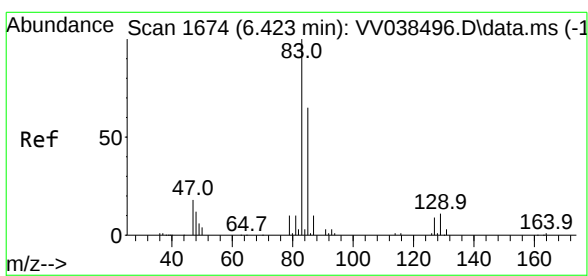
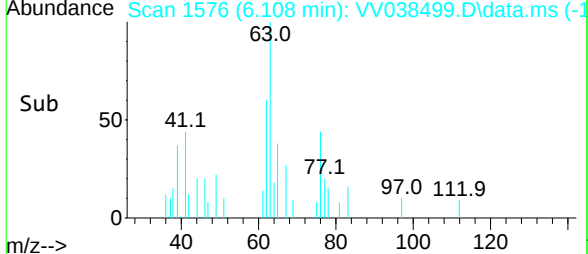
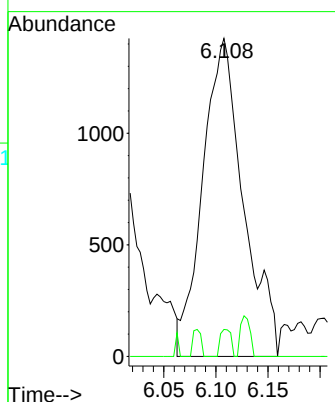
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06



Tgt Ion: 63 Resp: 3852
 Ion Ratio Lower Upper
 63 100
 112 2.2 4.1 6.1#

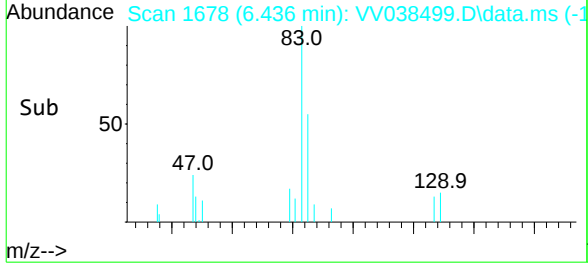
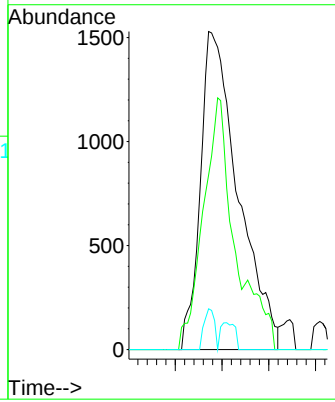
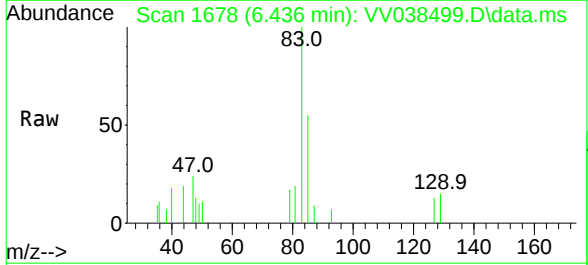
Manual Integrations
 APPROVED

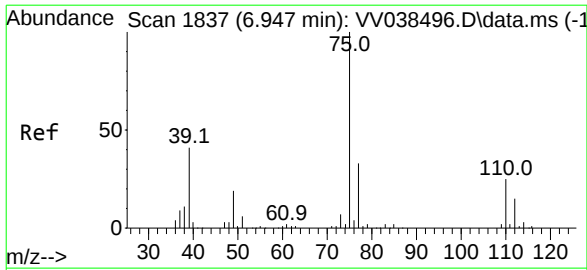
Reviewed By :Mahesh Dadoda 01/24/2025
 Supervised By :Semsettin Yesilyurt 01/24/2025



#38
 Bromodichloromethane
 Concen: 0.185 ug/L
 RT: 6.436 min Scan# 1678
 Delta R.T. 0.013 min
 Lab File: VV038499.D
 Acq: 22 Jan 2025 15:12

Tgt Ion: 83 Resp: 4298
 Ion Ratio Lower Upper
 83 100
 85 54.9 44.7 83.1
 127 12.8 6.8 10.2#





#39

cis-1,3-Dichloropropene

Concen: 0.187 ug/L m

RT: 6.969 min Scan# 18

Delta R.T. 0.023 min

Lab File: VV038499.D

Acq: 22 Jan 2025 15:12

Instrument :

MSVOA_V

ClientSampleId :

MDL06

Tgt Ion: 75 Resp: 4621

Ion Ratio Lower Upper

75 100

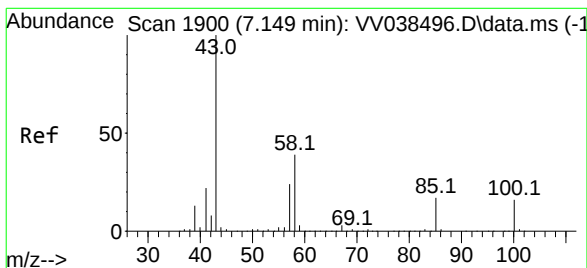
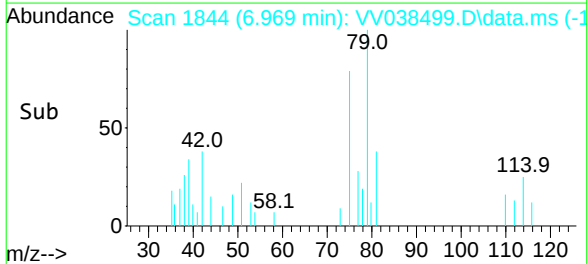
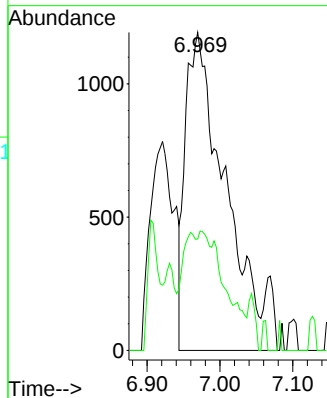
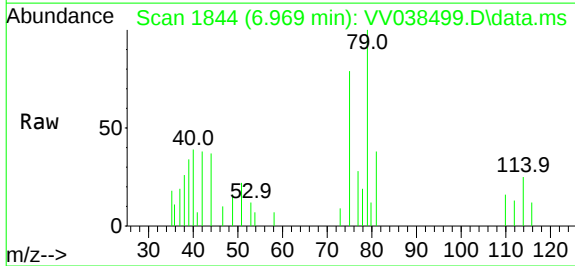
77 35.0 21.7 40.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025

Supervised By :Semsettin Yesilyurt 01/24/2025



#40

4-Methyl-2-pentanone

Concen: 1.698 ug/L m

RT: 7.175 min Scan# 1908

Delta R.T. 0.026 min

Lab File: VV038499.D

Acq: 22 Jan 2025 15:12

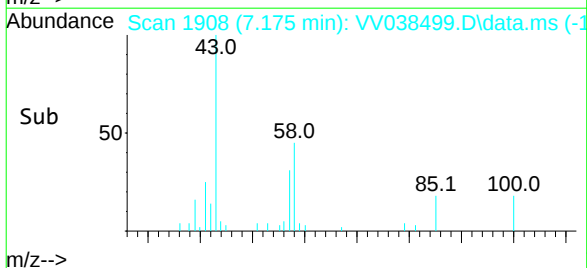
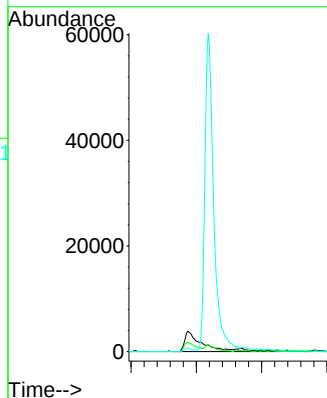
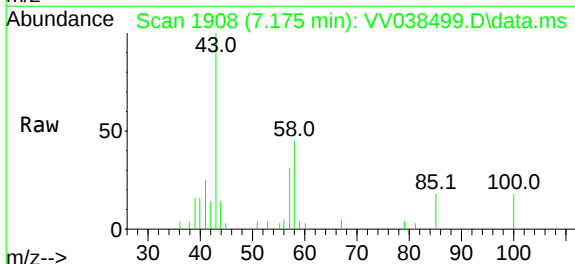
Tgt Ion: 43 Resp: 15717

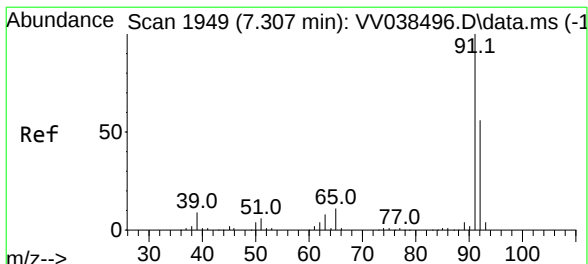
Ion Ratio Lower Upper

43 100

58 27.3 31.7 47.5#

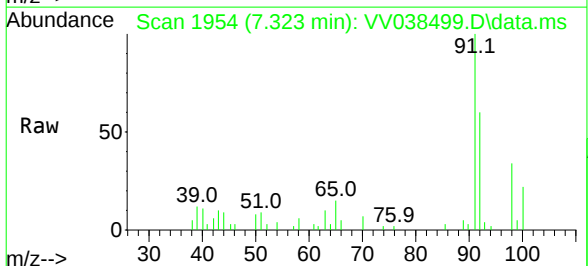
100 0.0 12.4 18.6#





#42
Toluene
Concen: 0.168 ug/L
RT: 7.323 min Scan# 19
Delta R.T. 0.016 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12

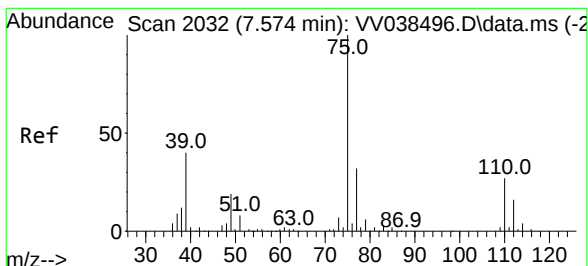
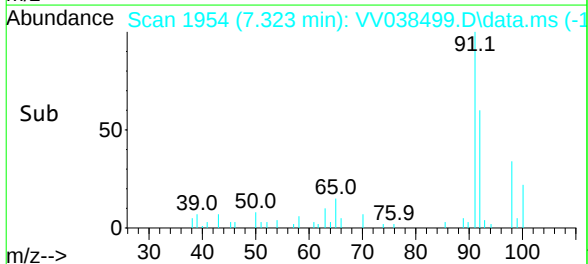
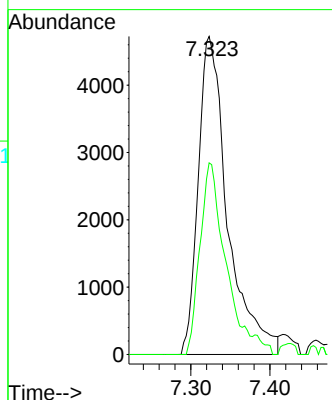
Instrument : MSVOA_V
ClientSampleId : MDL06



Tgt Ion: 91 Resp: 12158
Ion Ratio Lower Upper
91 100
92 60.2 40.6 75.4

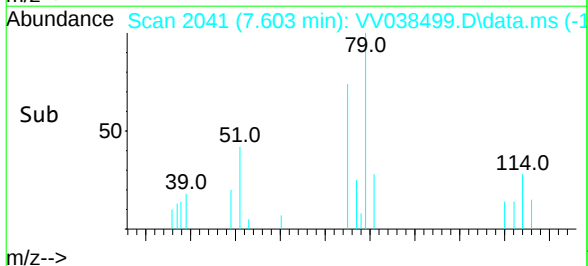
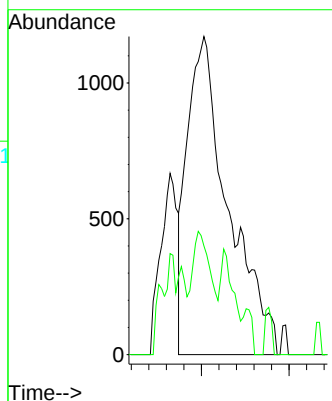
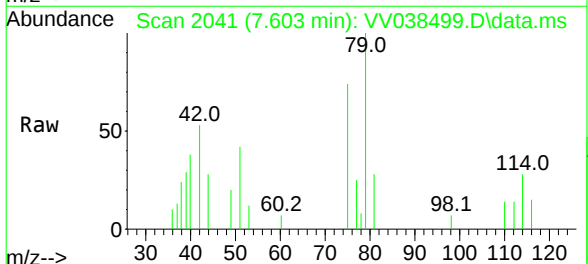
Manual Integrations
APPROVED

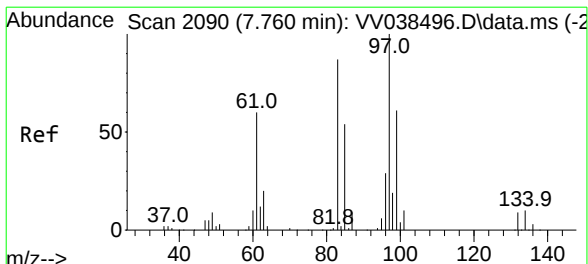
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#44
trans-1,3-Dichloropropene
Concen: 0.183 ug/L m
RT: 7.603 min Scan# 2041
Delta R.T. 0.029 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12

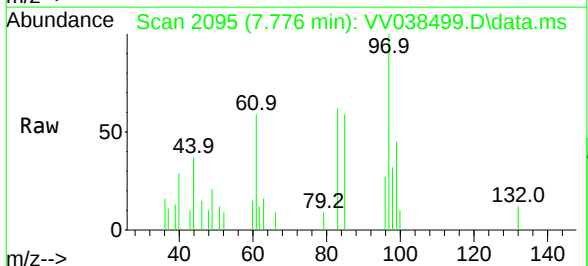
Tgt Ion: 75 Resp: 3821
Ion Ratio Lower Upper
75 100
77 34.2 22.8 42.4





#45
1,1,2-Trichloroethane
Concen: 0.209 ug/L
RT: 7.776 min Scan# 2090
Delta R.T. 0.016 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12

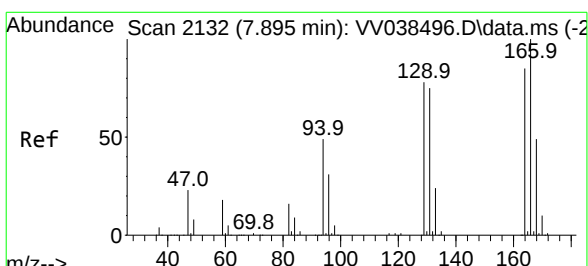
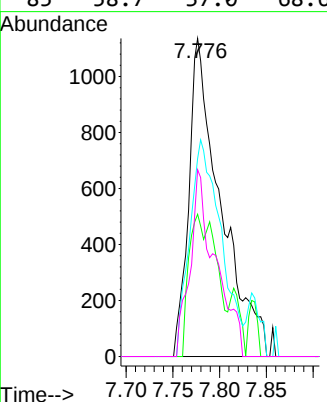
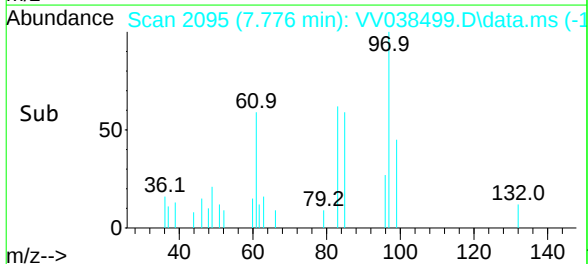
Instrument :
MSVOA_V
ClientSampleId :
MDL06



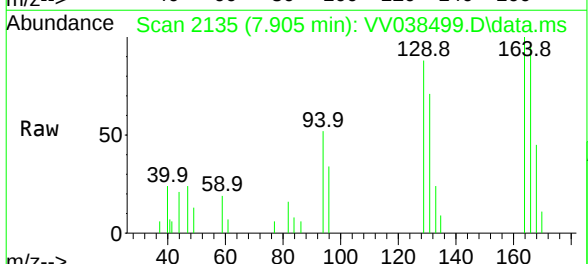
Tgt Ion:	97	Resp:	2692
Ion	Ratio	Lower	Upper
97	100		
99	44.7	42.3	78.5
83	62.2	59.4	110.4
85	58.7	37.0	68.6

Manual Integrations
APPROVED

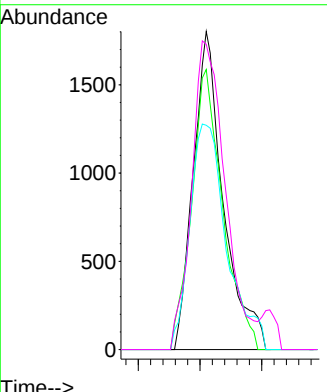
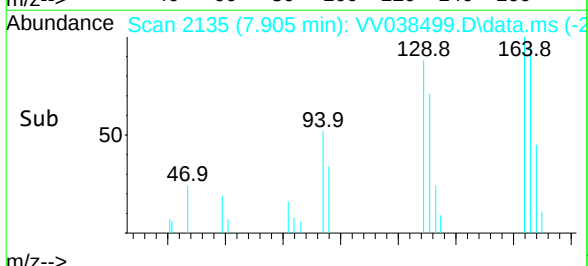
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025

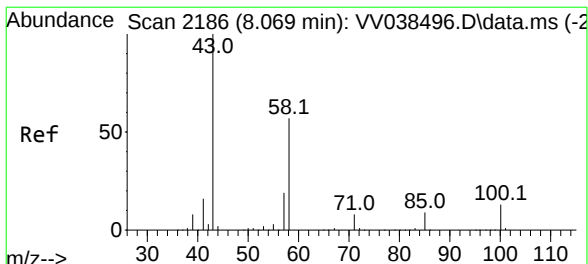


#47
Tetrachloroethene
Concen: 0.220 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.010 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12



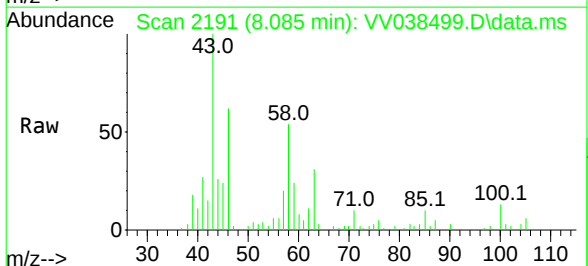
Tgt Ion:	164	Resp:	3062
Ion	Ratio	Lower	Upper
164	100		
129	88.1	68.9	127.9
131	70.5	65.2	121.2
166	96.0	86.7	160.9





#48
2-Hexanone
Concen: 5.116 ug/L m
RT: 8.085 min Scan# 2186
Delta R.T. 0.016 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12

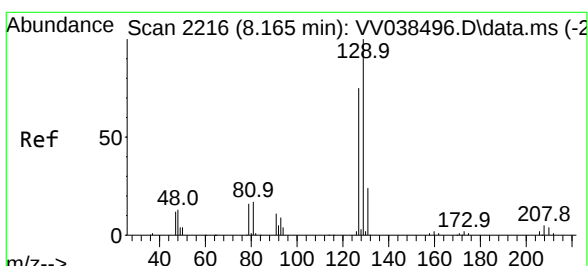
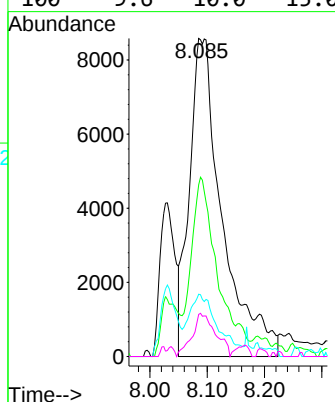
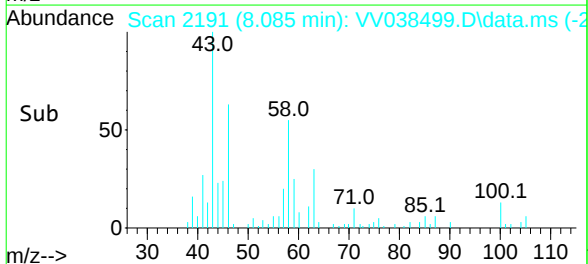
Instrument : MSVOA_V
ClientSampleId : MDL06



Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.0	43.6	65.4
57	15.3	15.0	22.4
100	9.6	10.0	15.0

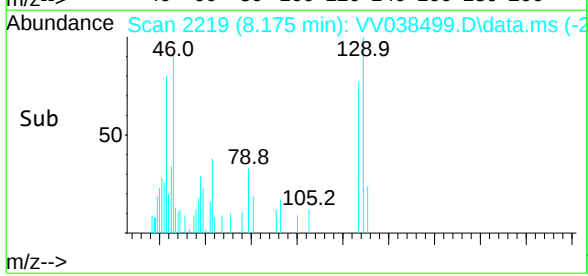
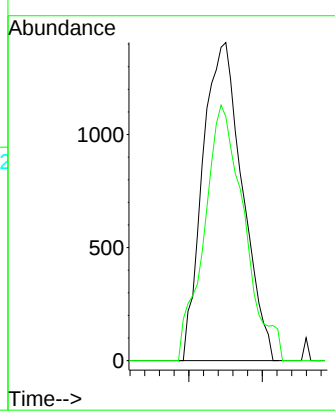
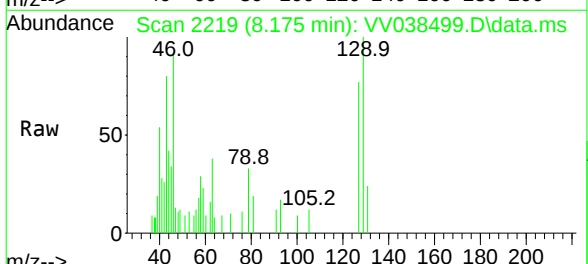
Manual Integrations
APPROVED

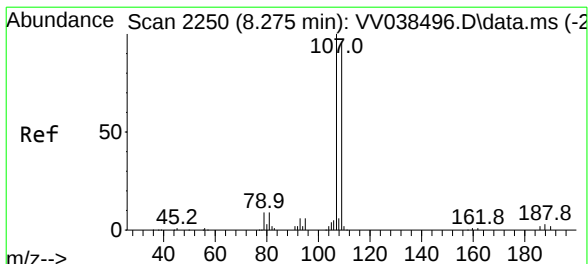
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#49
Dibromochloromethane
Concen: 0.178 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.010 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12

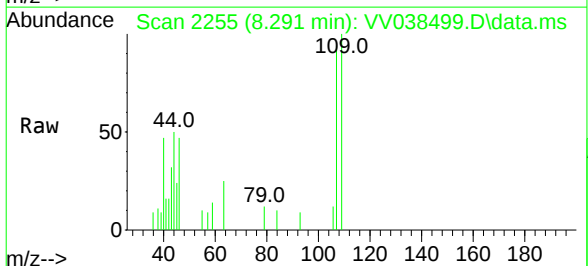
Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.7	52.8	98.2





#50
 1,2-Dibromoethane
 Concen: 0.190 ug/L
 RT: 8.291 min Scan# 2255
 Delta R.T. 0.016 min
 Lab File: VV038499.D
 Acq: 22 Jan 2025 15:12

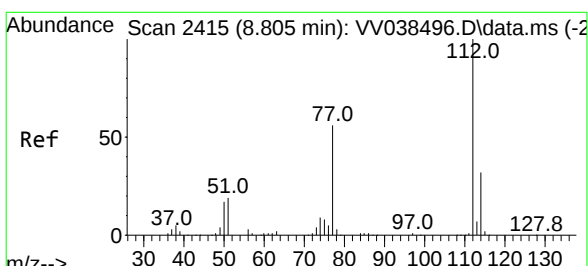
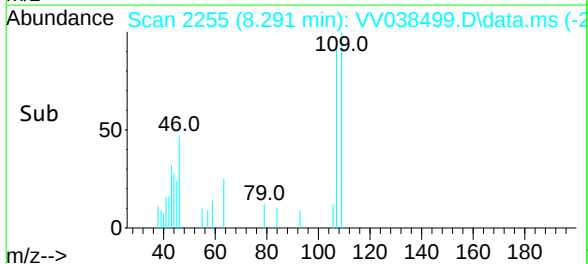
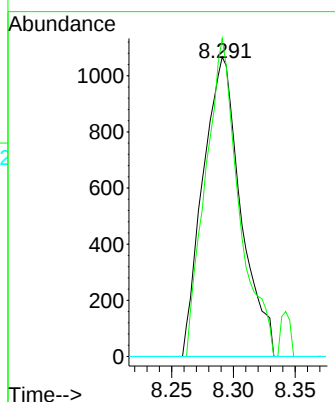
Instrument : MSVOA_V
 ClientSampleId : MDL06



Tgt Ion:	107	Resp:	2271
Ion	Ratio	Lower	Upper
107	100		
109	106.2	65.9	122.3
188	0.0	2.8	4.2#

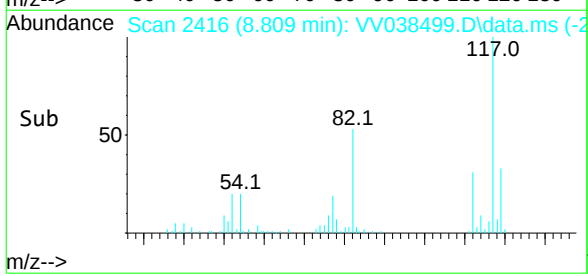
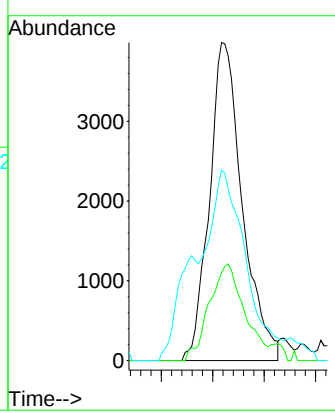
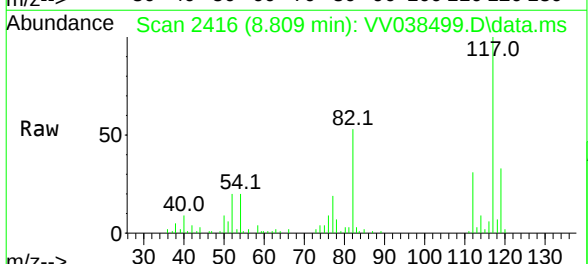
Manual Integrations
 APPROVED

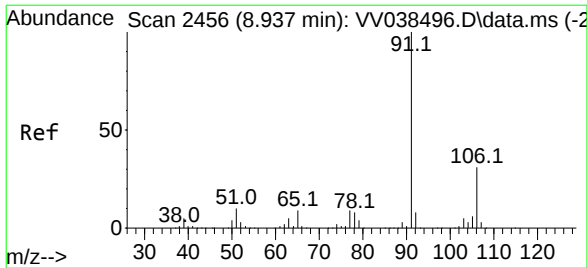
Reviewed By :Mahesh Dadoda 01/24/2025
 Supervised By :Semsettin Yesilyurt 01/24/2025



#51
 Chlorobenzene
 Concen: 0.182 ug/L
 RT: 8.809 min Scan# 2416
 Delta R.T. 0.003 min
 Lab File: VV038499.D
 Acq: 22 Jan 2025 15:12

Tgt Ion:	112	Resp:	8858
Ion	Ratio	Lower	Upper
112	100		
114	27.7	22.9	42.5
77	59.9	46.1	69.1





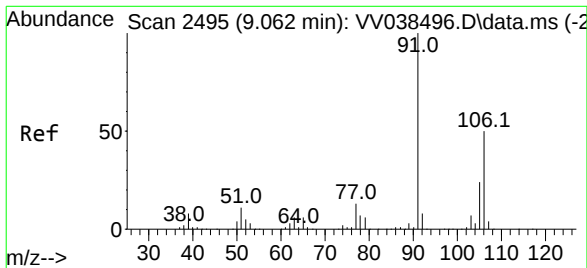
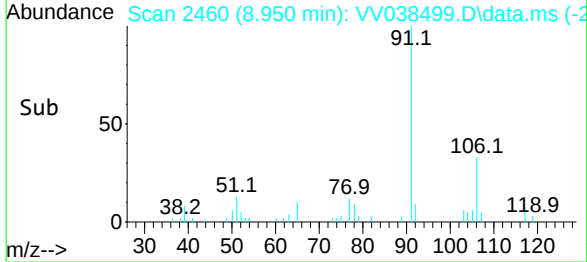
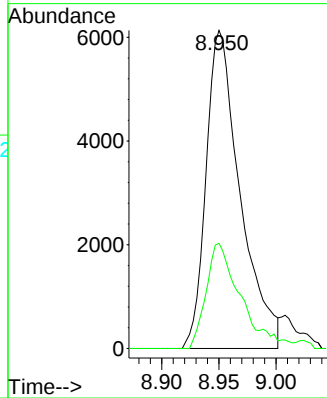
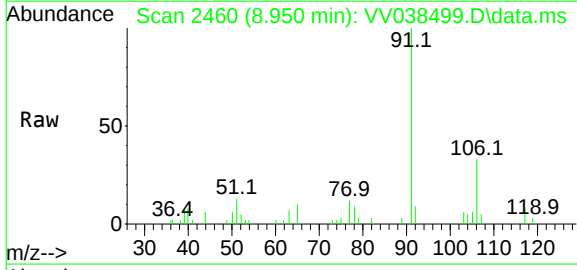
#52
Ethylbenzene
Concen: 0.164 ug/L
RT: 8.950 min Scan# 2456
Delta R.T. 0.013 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12

Instrument :
MSVOA_V
ClientSampleId :
MDL06

Tgt Ion: 91 Resp: 12715
Ion Ratio Lower Upper
91 100
106 33.1 22.0 40.8

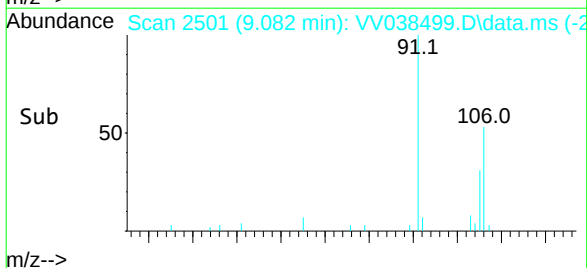
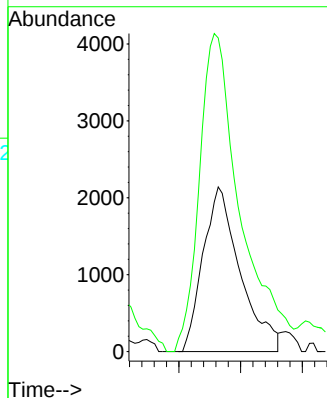
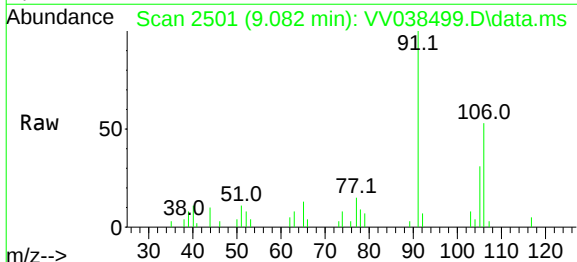
Manual Integrations
APPROVED

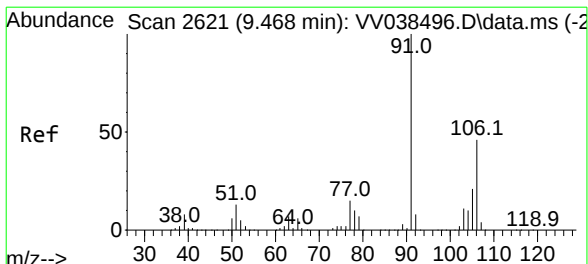
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#53
m,p-Xylene
Concen: 0.152 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.019 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12

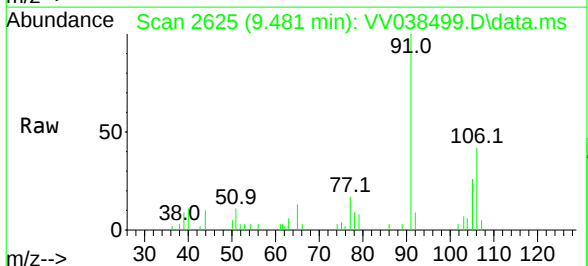
Tgt Ion:106 Resp: 4482
Ion Ratio Lower Upper
106 100
91 190.5 148.2 275.2





#54
 o-Xylene
 Concen: 0.135 ug/L
 RT: 9.481 min Scan# 2621
 Delta R.T. 0.013 min
 Lab File: VV038499.D
 Acq: 22 Jan 2025 15:12

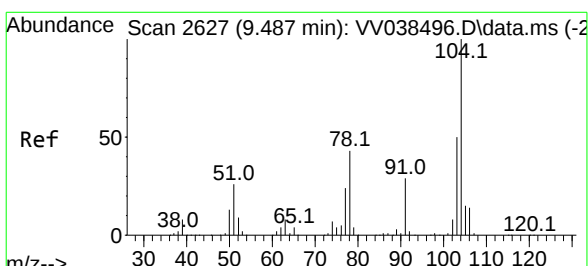
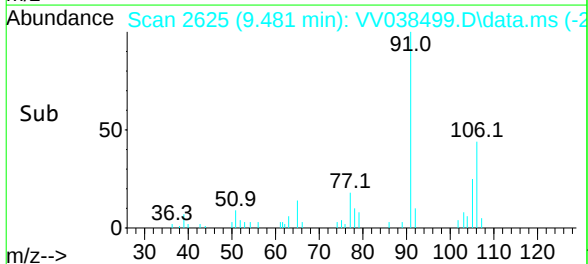
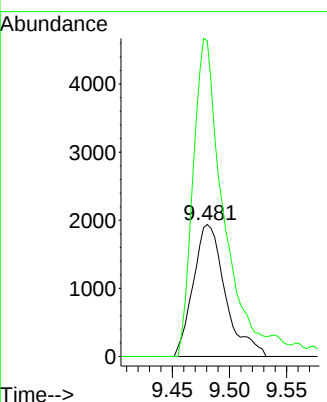
Instrument : MSVOA_V
 ClientSampleId : MDL06



Tgt Ion: 106 Resp: 3776

Ion	Ratio	Lower	Upper
106	100		
91	239.2	151.4	281.2

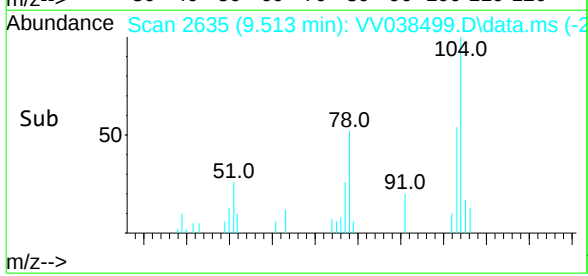
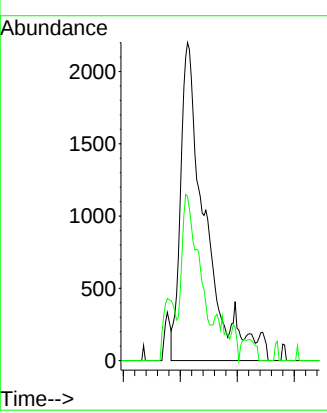
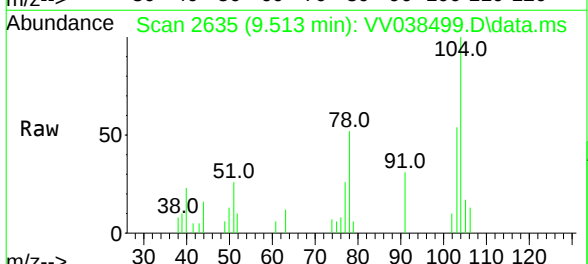
Manual Integrations
APPROVED
 Reviewed By :Mahesh Dadoda 01/24/2025
 Supervised By :Semsettin Yesilyurt 01/24/2025

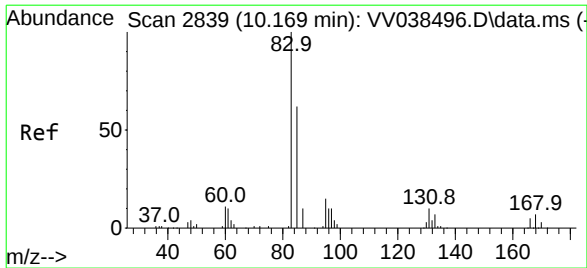


#55
 Styrene
 Concen: 0.134 ug/L m
 RT: 9.513 min Scan# 2635
 Delta R.T. 0.026 min
 Lab File: VV038499.D
 Acq: 22 Jan 2025 15:12

Tgt Ion: 104 Resp: 6579

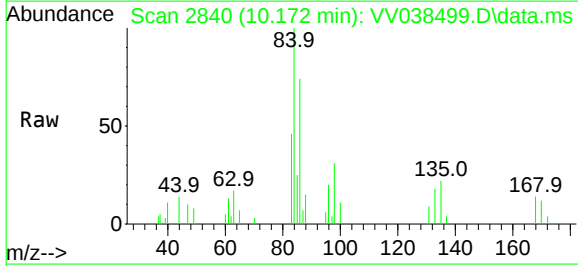
Ion	Ratio	Lower	Upper
104	100		
78	51.7	30.8	57.2





#57
1,1,2,2-Tetrachloroethane
Concen: 0.201 ug/L
RT: 10.172 min Scan# 2839
Delta R.T. 0.003 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12

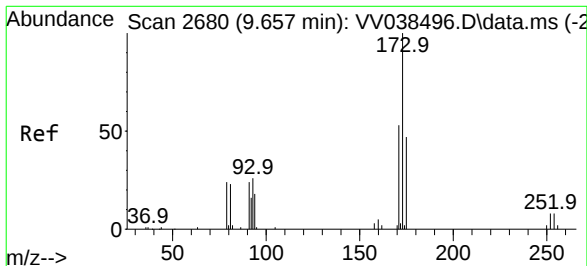
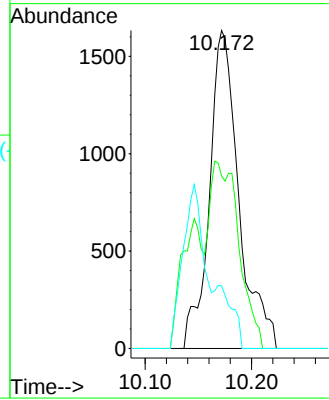
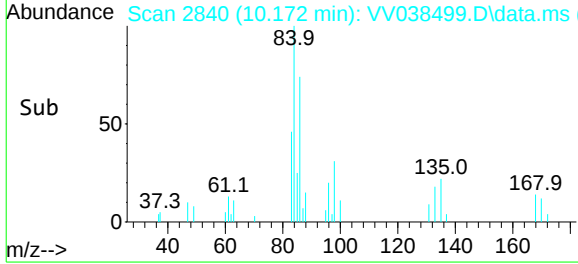
Instrument : MSVOA_V
Client SampleId : MDL06



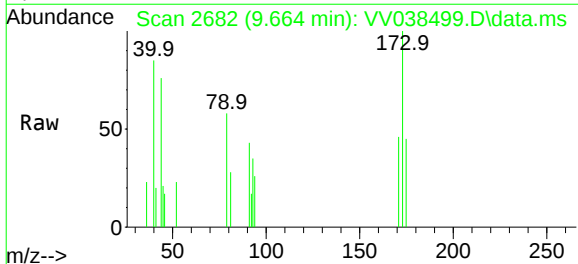
Tgt Ion: 83 Resp: 3143
Ion Ratio Lower Upper
83 100
85 54.1 45.1 83.7
131 19.7 7.5 11.3#

Manual Integrations
APPROVED

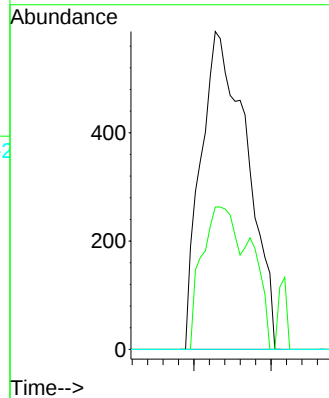
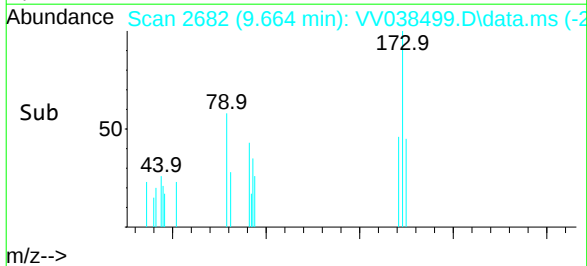
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025

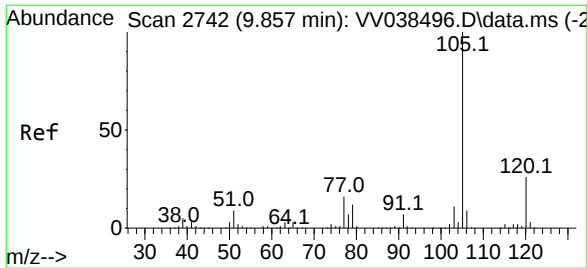


#59
Bromoform
Concen: 0.184 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.007 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12



Tgt Ion:173 Resp: 1220
Ion Ratio Lower Upper
173 100
175 33.9 37.6 56.4#
254 0.0 5.6 8.4#





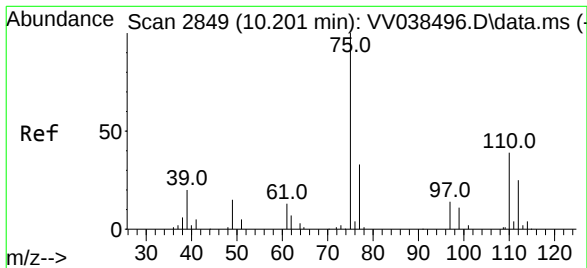
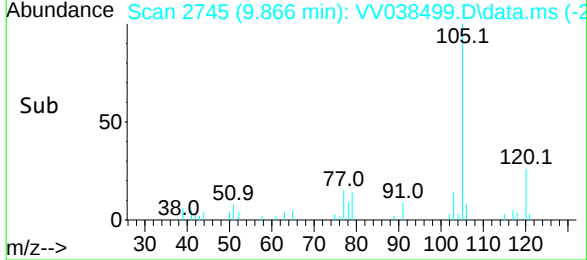
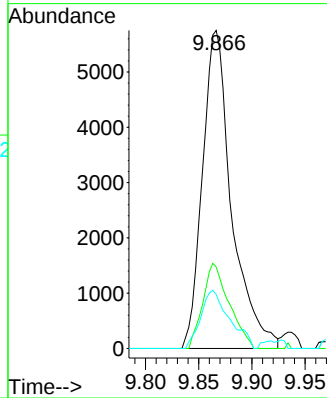
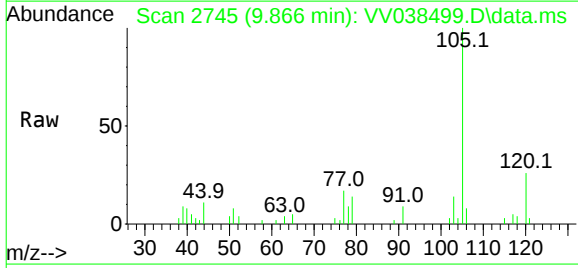
#60
Isopropylbenzene
Concen: 0.171 ug/L
RT: 9.866 min Scan# 2742
Delta R.T. 0.010 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12

Instrument :
MSVOA_V
ClientSampleId :
MDL06

Tgt Ion:	105	Resp:	10959
Ion Ratio	Lower	Upper	
105	100		
120	24.1	21.4	32.2
77	18.0	12.7	19.1

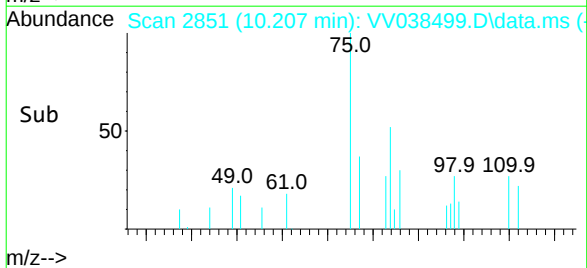
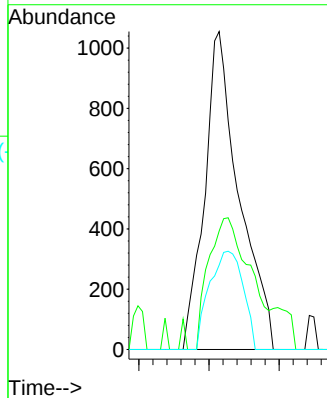
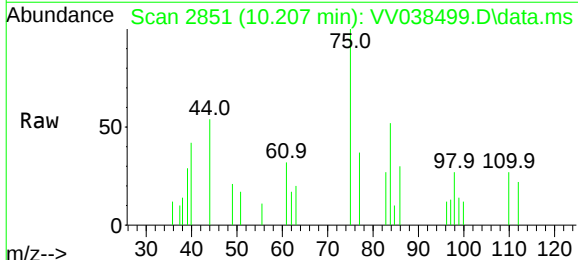
Manual Integrations
APPROVED

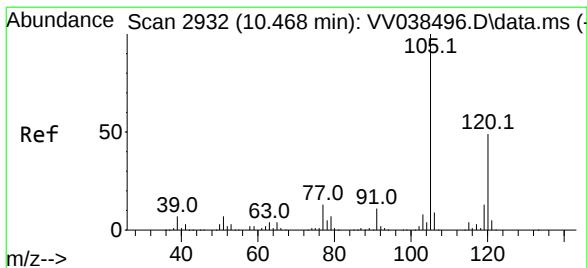
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#61
1,2,3-Trichloropropane
Concen: 0.197 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.007 min
Lab File: VV038499.D
Acq: 22 Jan 2025 15:12

Tgt Ion:	75	Resp:	1798
Ion Ratio	Lower	Upper	
75	100		
77	49.9	25.4	38.0#
110	30.1	32.6	48.8#





#62

1,3,5-Trimethylbenzene

Concen: 0.158 ug/L

RT: 10.471 min Scan# 29

Delta R.T. 0.003 min

Lab File: VV038499.D

Acq: 22 Jan 2025 15:12

Instrument :

MSVOA_V

ClientSampleId :

MDL06

Tgt Ion:105 Resp: 7906

Ion Ratio Lower Upper

105 100

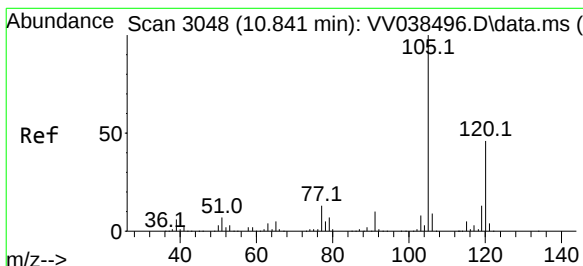
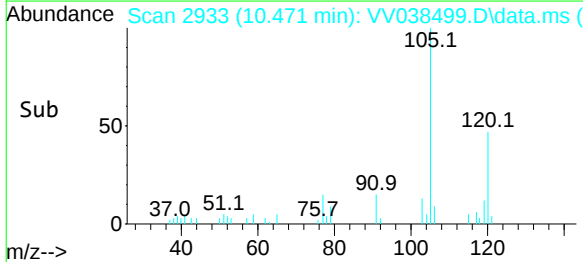
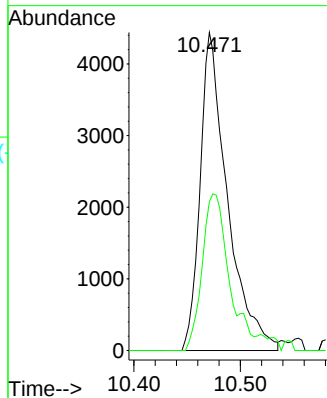
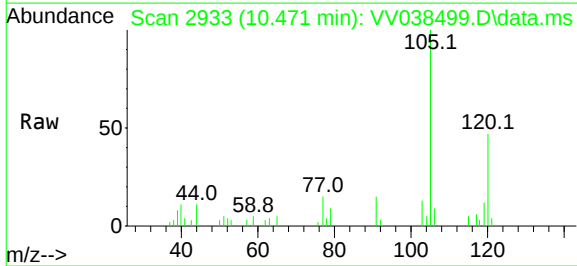
120 48.2 39.4 59.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025

Supervised By :Semsettin Yesilyurt 01/24/2025



#63

1,2,4-Trimethylbenzene

Concen: 0.145 ug/L

RT: 10.854 min Scan# 3052

Delta R.T. 0.013 min

Lab File: VV038499.D

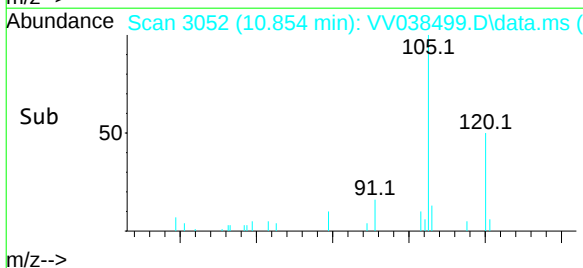
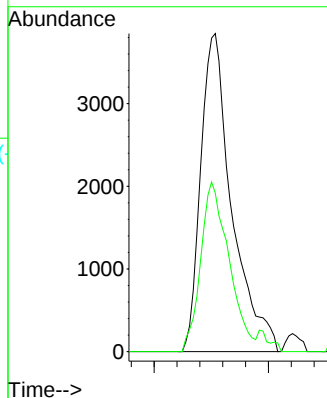
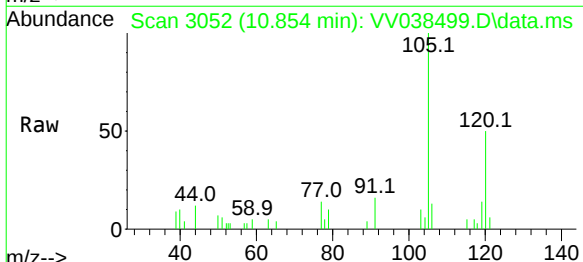
Acq: 22 Jan 2025 15:12

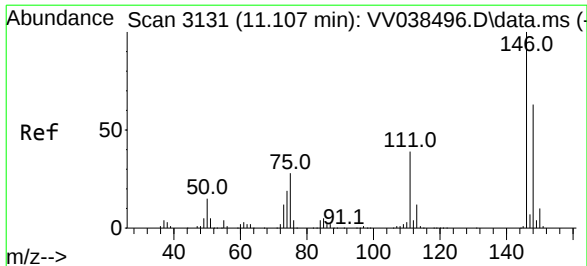
Tgt Ion:105 Resp: 7262

Ion Ratio Lower Upper

105 100

120 48.6 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 0.197 ug/L

RT: 11.120 min Scan# 31

Delta R.T. 0.013 min

Lab File: VV038499.D

Acq: 22 Jan 2025 15:12

Instrument :

MSVOA_V

ClientSampleId :

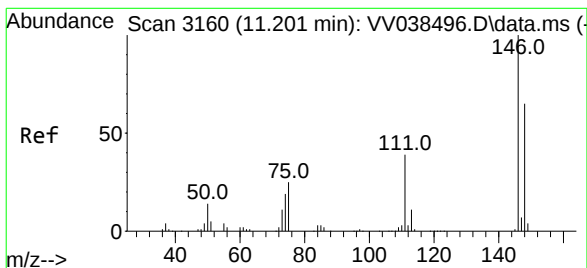
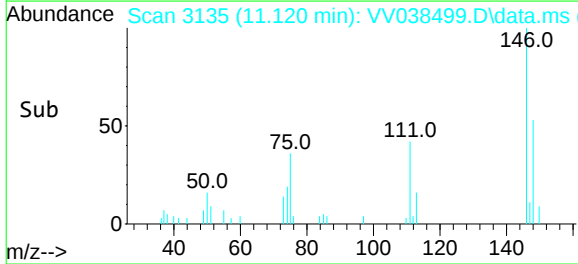
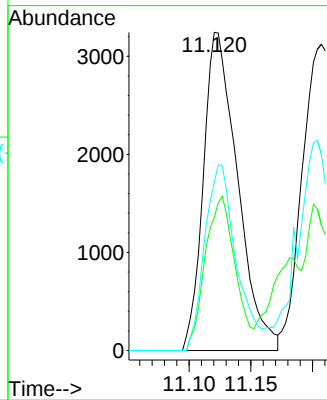
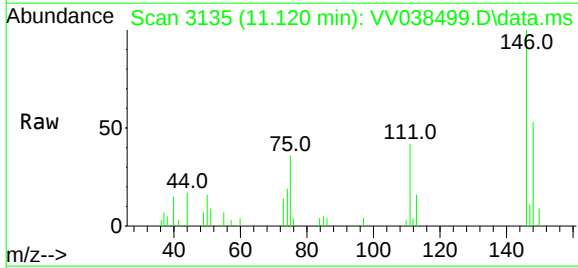
MDL06

Tgt Ion:	146	Resp:	6252
Ion Ratio	Lower	Upper	
146	100		
111	41.8	27.9	51.9
148	52.9	44.7	83.1

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#65

1,4-Dichlorobenzene

Concen: 0.210 ug/L m

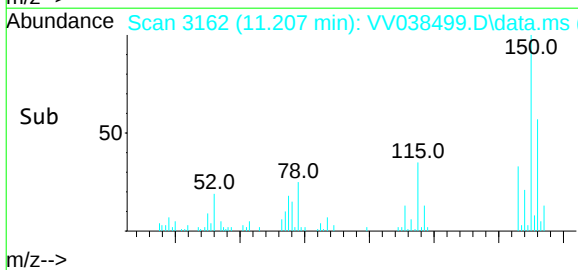
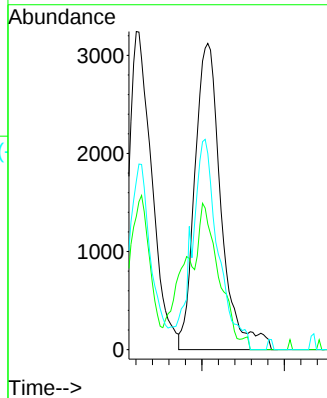
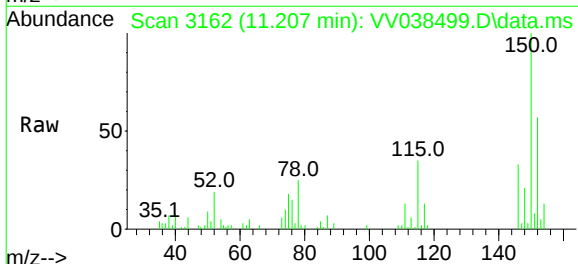
RT: 11.207 min Scan# 3162

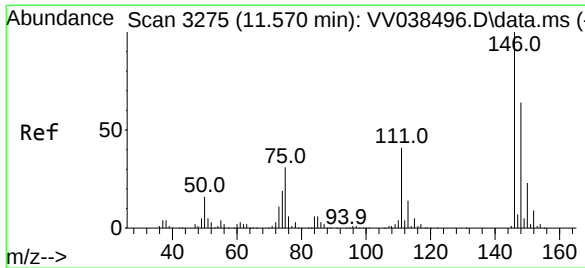
Delta R.T. 0.007 min

Lab File: VV038499.D

Acq: 22 Jan 2025 15:12

Tgt Ion:	146	Resp:	6896
Ion Ratio	Lower	Upper	
146	100		
111	41.0	28.1	52.3
148	64.0	44.7	83.1





#67

1,2-Dichlorobenzene

Concen: 0.211 ug/L

RT: 11.574 min Scan# 3275

Delta R.T. 0.003 min

Lab File: VV038499.D

Acq: 22 Jan 2025 15:12

Instrument :

MSVOA_V

ClientSampleId :

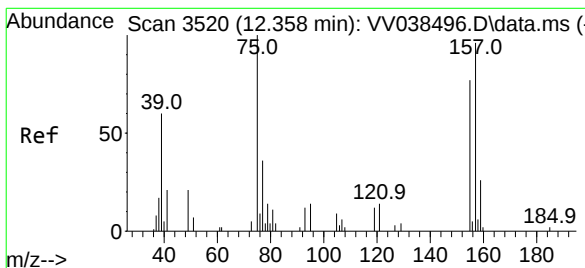
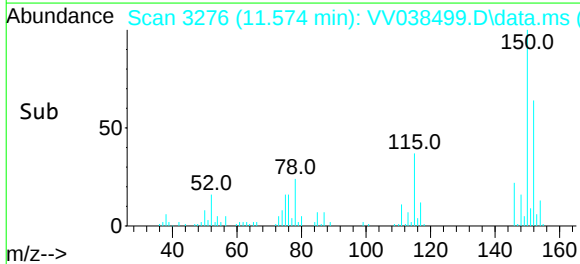
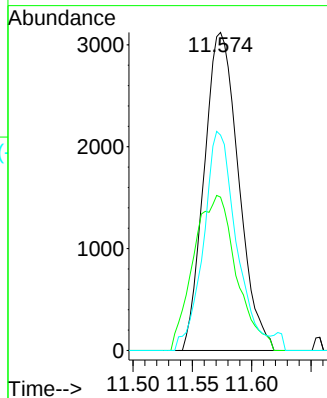
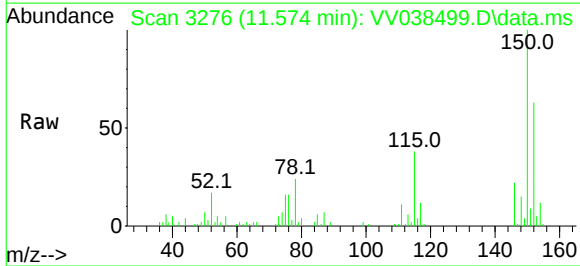
MDL06

Tgt Ion:	146	Resp:	6296
Ion	Ratio	Lower	Upper
146	100		
111	48.2	33.4	50.0
148	67.7	49.9	74.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#68

1,2-Dibromo-3-chloropropane

Concen: 0.325 ug/L m

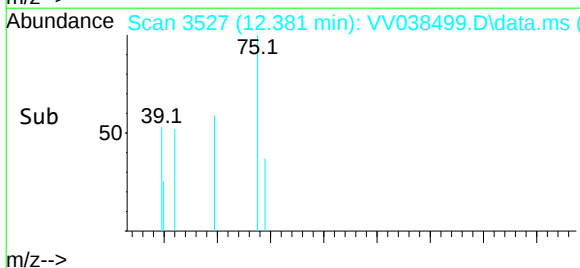
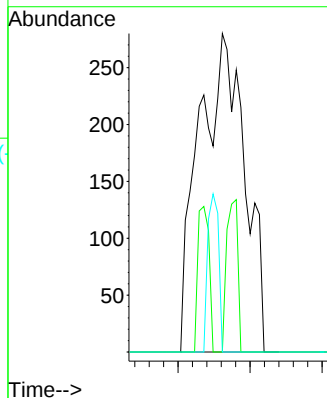
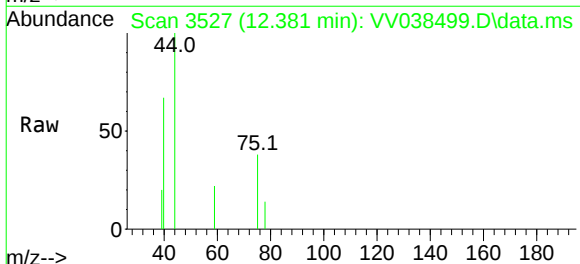
RT: 12.381 min Scan# 3527

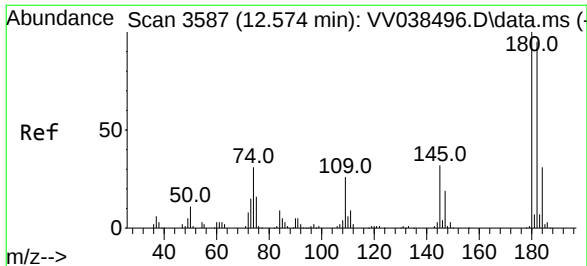
Delta R.T. 0.023 min

Lab File: VV038499.D

Acq: 22 Jan 2025 15:12

Tgt Ion:	75	Resp:	615
Ion	Ratio	Lower	Upper
75	100		
155	0.0	56.7	85.1#
157	0.0	74.4	111.6#





#69

1,3,5-Trichlorobenzene

Concen: 0.184 ug/L

RT: 12.580 min Scan# 3587

Delta R.T. 0.007 min

Lab File: VV038499.D

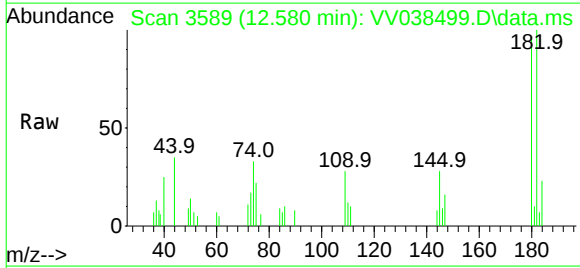
Acq: 22 Jan 2025 15:12

Instrument :

MSVOA_V

ClientSampleId :

MDL06

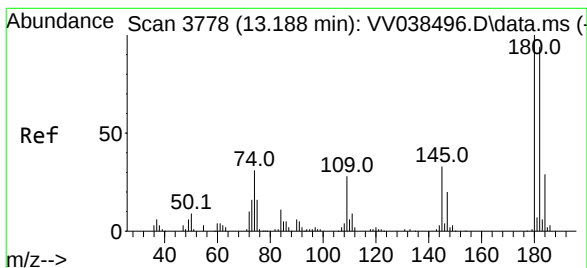
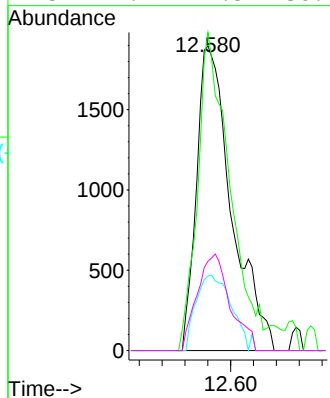
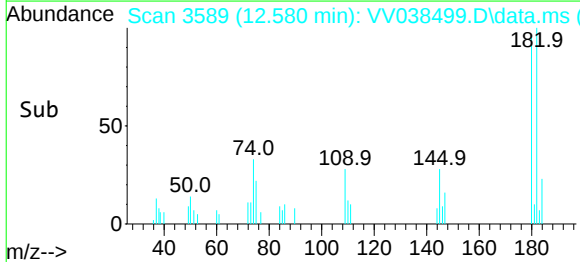


Tgt Ion:	180	Resp:	4034
Ion Ratio	Lower	Upper	
180	100		
182	96.5	74.3	111.5
184	25.1	23.2	34.8
145	29.9	24.5	36.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#70

1,2,4-trichlorobenzene

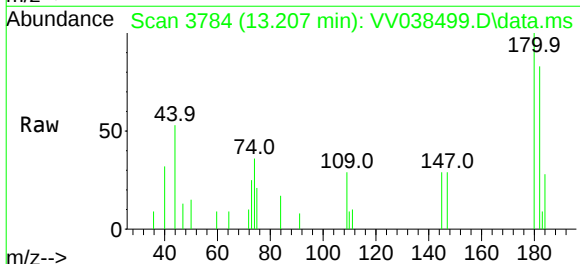
Concen: 0.152 ug/L

RT: 13.207 min Scan# 3784

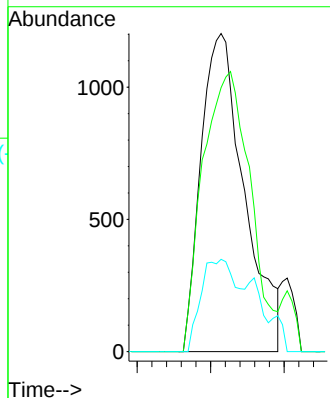
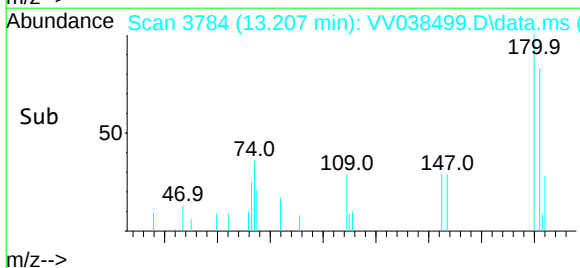
Delta R.T. 0.019 min

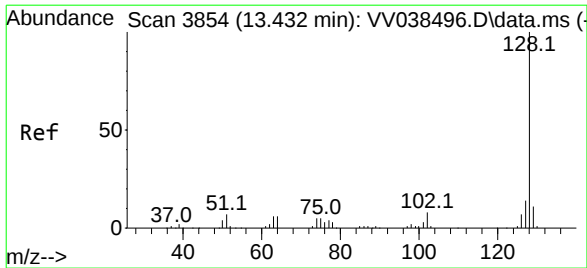
Lab File: VV038499.D

Acq: 22 Jan 2025 15:12



Tgt Ion:	180	Resp:	2467
Ion Ratio	Lower	Upper	
180	100		
182	96.2	77.5	116.3
145	25.0	26.2	39.4





#71

Naphthalene

Concen: 0.174 ug/L m

RT: 13.451 min Scan# 38

Delta R.T. 0.019 min

Lab File: VV038499.D

Acq: 22 Jan 2025 15:12

Instrument :

MSVOA_V

ClientSampleId :

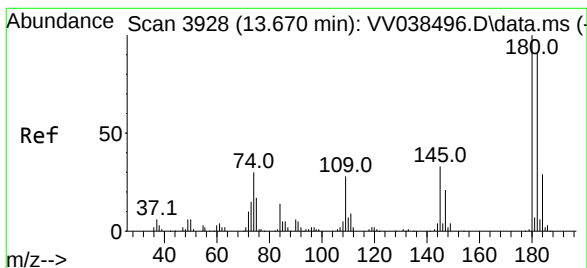
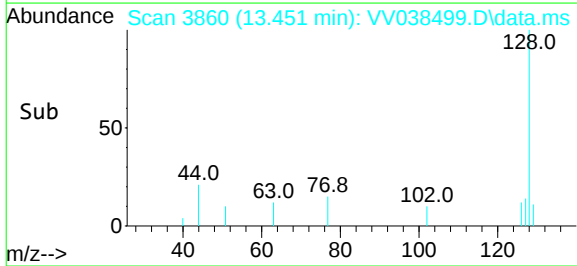
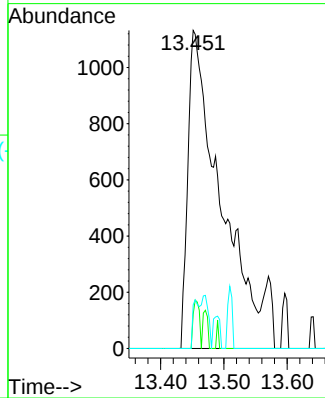
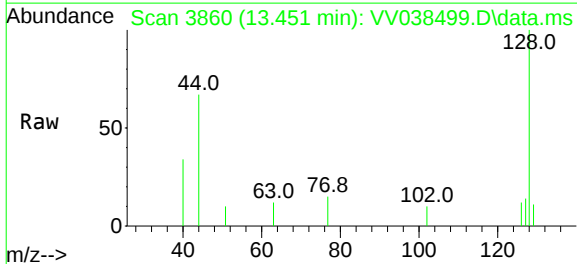
MDL06

Tgt Ion:	128	Resp:	4193
Ion	Ratio	Lower	Upper
128	100		
129	2.7	8.3	12.5#
127	2.9	11.0	16.6#

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#72

1,2,3-Trichlorobenzene

Concen: 0.140 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.010 min

Lab File: VV038499.D

Acq: 22 Jan 2025 15:12

Tgt Ion:	180	Resp:	1972
Ion	Ratio	Lower	Upper
180	100		
182	111.2	77.0	115.6
145	39.0	27.1	40.7

