

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010925\
 Data File : VD080199.D
 Acq On : 09 Jan 2025 17:53
 Operator : RP/MD
 Sample : MDL01
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

Quant Time: Jan 10 00:08:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM010925SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jan 09 20:13:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	207884	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	208946	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	90208	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	159308	26.129	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.520%			
7) Chloroethane-d5	2.805	69	133709	26.986	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 107.960%			
11) 1,1-Dichloroethene-d2	3.922	65	35868	24.379	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 97.520%			
21) 2-Butanone-d5	6.993	46	32398	45.935	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.860%			
24) Chloroform-d	7.569	84	155941	23.904	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.600%			
26) 1,2-Dichloroethane-d4	8.234	65	92523	27.077	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.320%			
32) Benzene-d6	8.204	84	321107	23.805	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.200%			
36) 1,2-Dichloropropane-d6	9.210	67	107328	24.040	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.160%			
41) Toluene-d8	10.269	98	290484	23.629	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.520%			
43) trans-1,3-Dichloroprop...	10.528	79	41473	22.736	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.960%			
47) 2-Hexanone-d5	10.875	63	26790	48.149	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 96.300%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	81032	24.221	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.880%			
66) 1,2-Dichlorobenzene-d4	13.816	152	92385	27.244	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 108.960%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.940	85	5499	1.333	ug/L	94
3) Chloromethane	2.152	50	7709	1.371	ug/L	90
5) Vinyl chloride	2.287	62	9343	1.354	ug/L #	65
6) Bromomethane	2.693	94	5138	1.278	ug/L	98
8) Chloroethane	2.840	64	5644	1.333	ug/L	83
9) Trichlorofluoromethane	3.175	101	7165	1.249	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	5745m	1.756	ug/L	
12) 1,1-Dichloroethene	3.952	96	4210m	1.442	ug/L	
13) Acetone	4.046	43	2382m	4.270	ug/L	
14) Carbon disulfide	4.269	76	13177m	1.211	ug/L	
15) Methyl Acetate	4.575	43	1618m	1.159	ug/L	
17) trans-1,2-Dichloroethene	5.322	96	3807m	1.198	ug/L	
18) Methyl tert-butyl Ether	5.328	73	6433m	1.063	ug/L	
19) 1,1-Dichloroethane	6.122	63	8097m	1.320	ug/L	
20) cis-1,2-Dichloroethene	7.081	96	4146	1.241	ug/L	90
22) 2-Butanone	7.099	43	3108m	3.910	ug/L	
23) Bromochloromethane	7.428	128	2052m	1.270	ug/L	
25) Chloroform	7.593	83	24447m	3.596	ug/L	
27) 1,2-Dichloroethane	8.334	62	5648	1.424	ug/L	96

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 Supervised By :Semsettin Yesilyurt 01/10/2025

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 Quant Title : SFAM01.0
 QLast Update : Thu Jan 09 20:13:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.875	56	4529m	0.862	ug/L	
30) 1,1,1-Trichloroethane	7.799	97	6245	1.128	ug/L	96
31) Carbon tetrachloride	7.993	117	5418m	1.109	ug/L	
33) Benzene	8.252	78	18972	1.335	ug/L	100
34) Trichloroethene	9.028	95	4264	1.159	ug/L	91
35) Methylcyclohexane	9.275	83	5857	1.070	ug/L	97
38) Bromodichloromethane	9.581	83	5808m	1.197	ug/L	
39) cis-1,3-Dichloropropene	10.022	75	6002	1.097	ug/L	96
40) 4-Methyl-2-pentanone	10.163	43	4669	2.457	ug/L #	93
42) Toluene	10.340	91	17436	1.175	ug/L	94
44) trans-1,3-Dichloropropene	10.557	75	5479	1.160	ug/L	89
45) 1,1,2-Trichloroethane	10.734	97	3482	1.232	ug/L	89
46) Tetrachloroethene	10.810	164	3429	1.157	ug/L	90
48) 2-Hexanone	10.928	43	3362	2.595	ug/L #	92
49) Dibromochloromethane	11.081	129	3702	1.176	ug/L	75
50) 1,2-Dibromoethane	11.181	107	3152	1.227	ug/L #	91
51) Chlorobenzene	11.610	112	11246	1.182	ug/L	92
52) Ethylbenzene	11.687	91	15857	0.996	ug/L	94
53) m,p-Xylene	11.793	106	5600	0.941	ug/L	91
54) o-Xylene	12.128	106	4592	0.825	ug/L	90
55) Styrene	12.134	104	8992	0.892	ug/L	88
57) 1,1,2,2-Tetrachloroethane	12.669	83	4430	1.383	ug/L #	75
59) Bromoform	12.298	173	2177	1.345	ug/L #	85
60) Isopropylbenzene	12.422	105	13256	1.054	ug/L	97
61) 1,2,3-Trichloropropane	12.722	75	2554	1.339	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.904	105	10223	1.020	ug/L	96
63) 1,2,4-Trimethylbenzene	13.216	105	10607	1.085	ug/L	92
64) 1,3-Dichlorobenzene	13.457	146	7194	1.169	ug/L	91
65) 1,4-Dichlorobenzene	13.534	146	8143	1.281	ug/L	85
67) 1,2-Dichlorobenzene	13.834	146	7657	1.389	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.445	75	810m	1.953	ug/L	
69) 1,3,5-Trichlorobenzene	14.592	180	5214	1.246	ug/L	94
70) 1,2,4-trichlorobenzene	15.104	180	4571	1.339	ug/L	87
71) Naphthalene	15.334	128	7099	1.181	ug/L #	94
72) 1,2,3-Trichlorobenzene	15.522	180	3286	1.036	ug/L	88

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

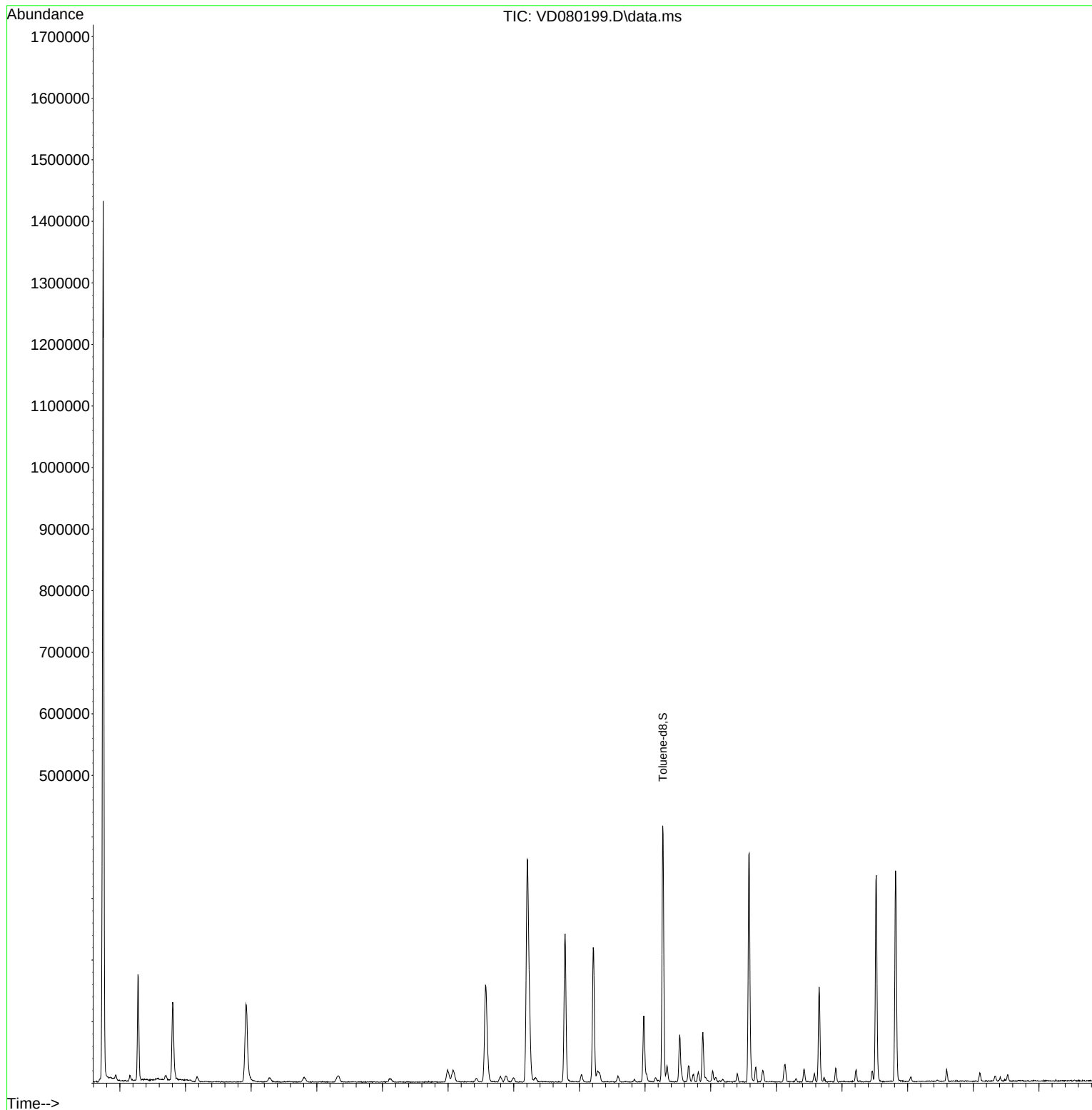
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010925\
Data File : VD080199.D
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Operator : RP/MD
Sample : MDL01
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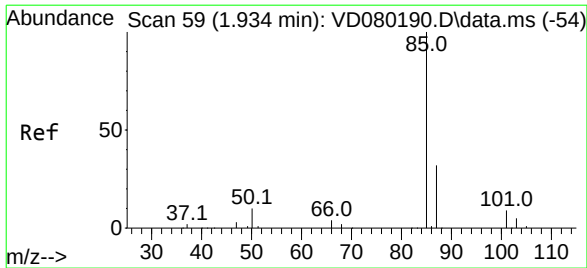
Instrument :
MSVOA_D
ClientSampleId :
MDL01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

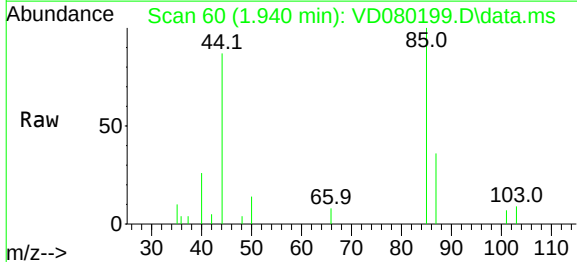
Quant Time: Jan 10 00:08:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDL010925SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jan 09 20:13:33 2025
Response via : Initial Calibration





#2
Dichlorodifluoromethane
Concen: 1.333 ug/L
RT: 1.940 min Scan# 60
Delta R.T. 0.006 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

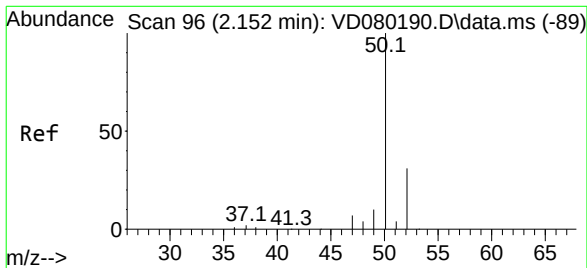
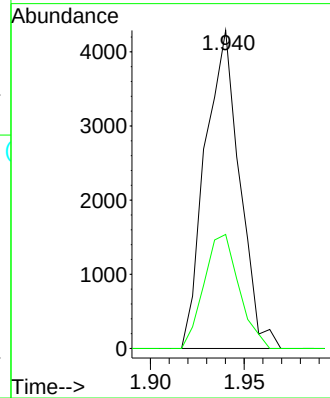
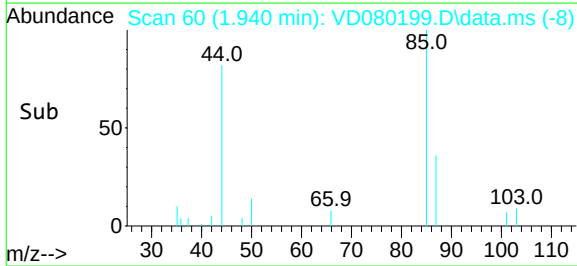
Instrument :
MSVOA_D
ClientSampleId :
MDL01



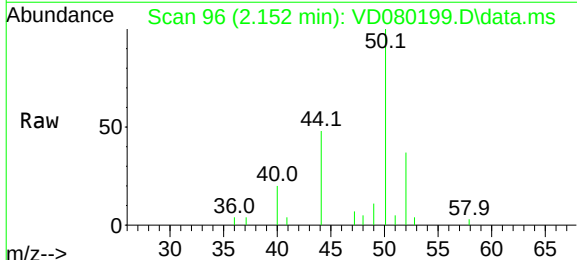
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Ion Ratio Lower Upper
85 100
87 36.4 26.4 39.6

Manual Integrations
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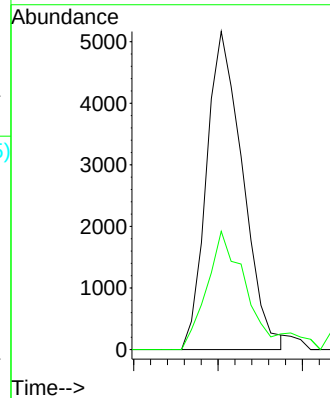
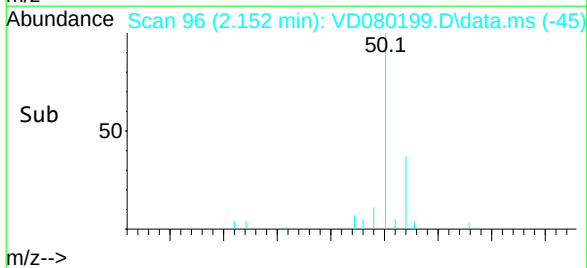
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

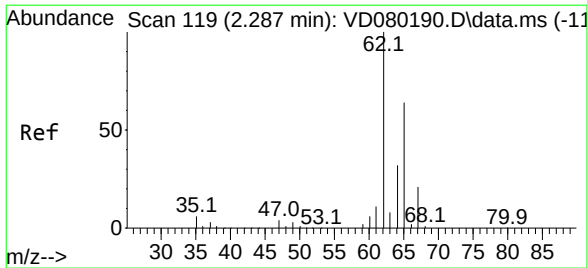


#3
Chloromethane
Concen: 1.371 ug/L
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53



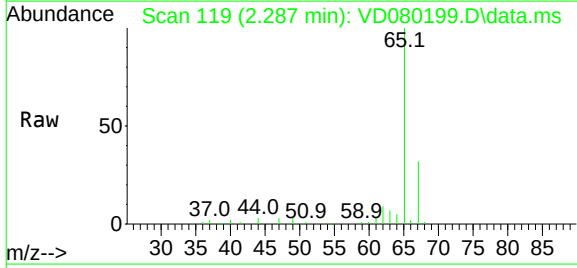
Tgt Ion: 50 Resp: 7709
Ion Ratio Lower Upper
50 100
52 37.2 22.0 40.8





#5
 Vinyl chloride
 Concen: 1.354 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD080199.D
 Acq: 09 Jan 2025 17:53

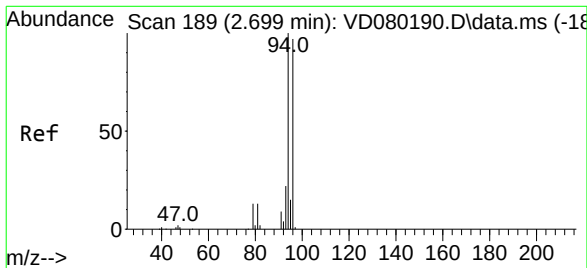
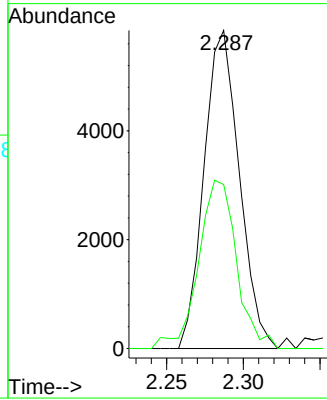
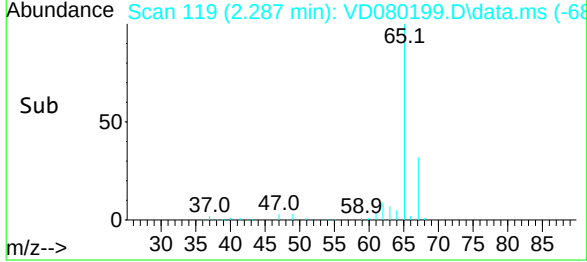
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL01



Tgt Ion: 62 Resp: 9343
 Ion Ratio Lower Upper
 62 100
 64 51.5 22.3 41.5#

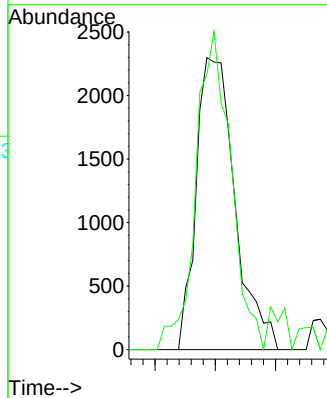
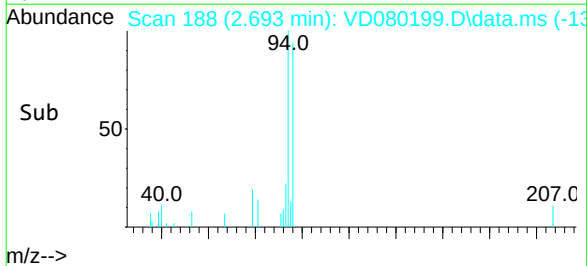
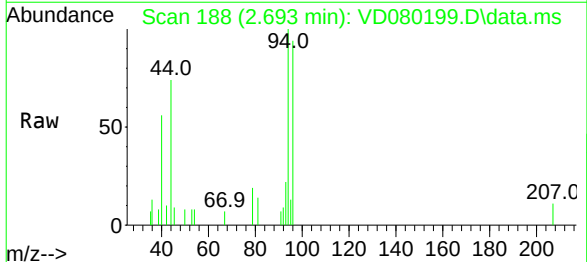
Manual Integrations
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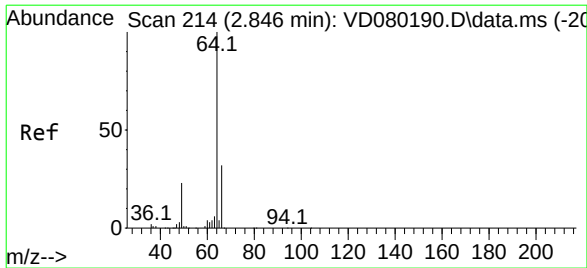
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025



#6
 Bromomethane
 Concen: 1.278 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.006 min
 Lab File: VD080199.D
 Acq: 09 Jan 2025 17:53

Tgt Ion: 94 Resp: 5138
 Ion Ratio Lower Upper
 94 100
 96 94.3 67.7 125.7





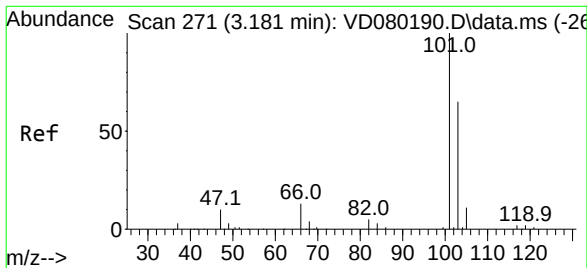
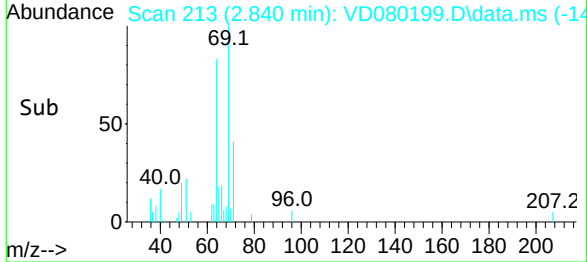
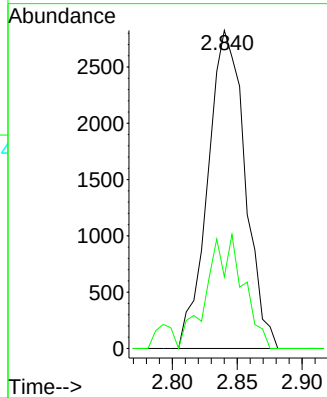
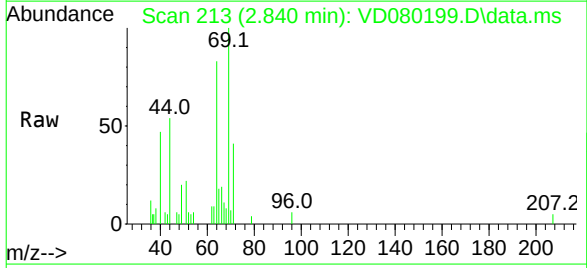
#8
Chloroethane
Concen: 1.333 ug/L
RT: 2.840 min Scan# 214
Delta R.T. -0.006 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

Instrument :
MSVOA_D
ClientSampleId :
MDL01

Tgt Ion: 64 Resp: 5644
Ion Ratio Lower Upper
64 100
66 22.5 22.3 41.5

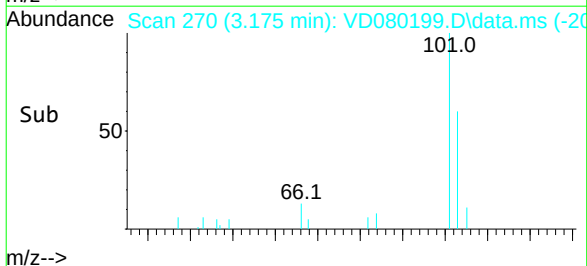
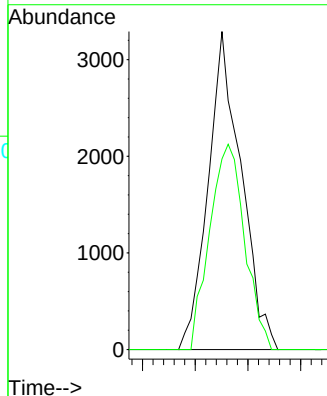
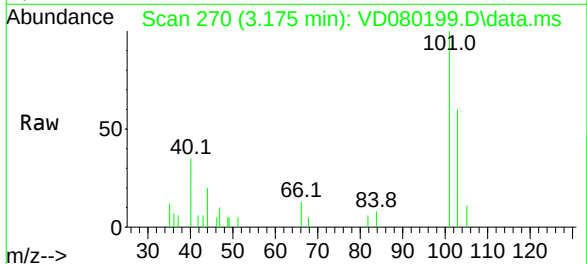
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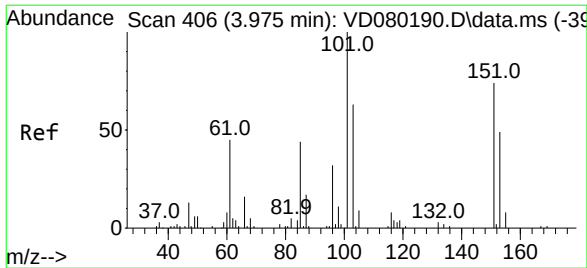
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#9
Trichlorofluoromethane
Concen: 1.249 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.006 min
Lab File: VD080199.D
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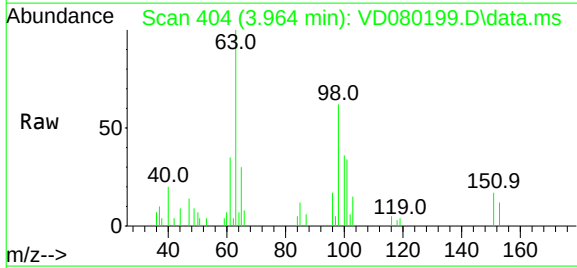
Tgt Ion:101 Resp: 7165
Ion Ratio Lower Upper
101 100
103 68.2 52.2 78.2





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.756 ug/L m
RT: 3.964 min Scan# 401
Delta R.T. -0.012 min
Lab File: VD080199.D
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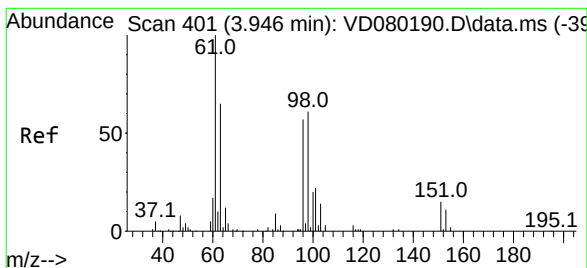
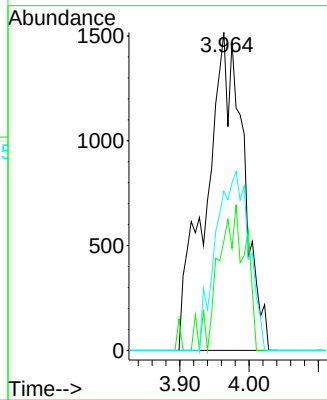
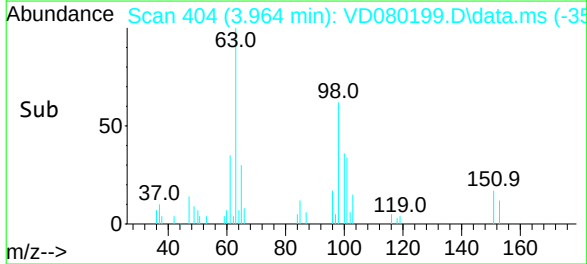
Instrument :
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Tgt Ion: 101 Resp: 5745
Ion Ratio Lower Upper
101 100
85 16.4 35.6 53.4#
151 0.0 60.0 90.0#

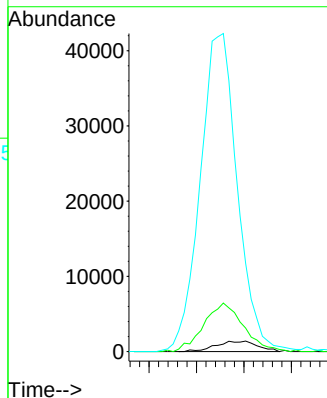
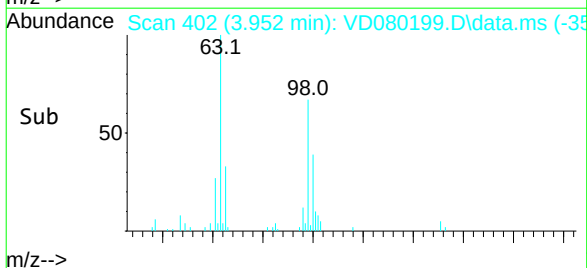
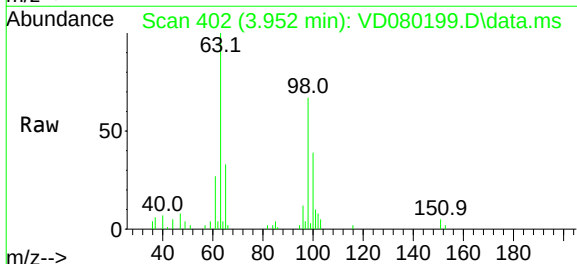
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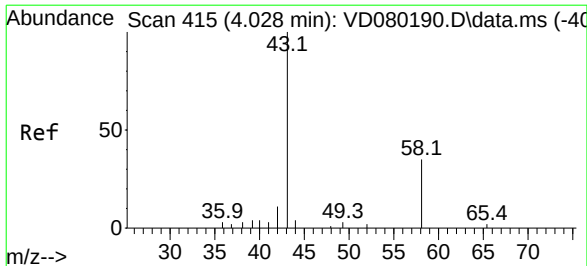
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#12
1,1-Dichloroethene
Concen: 1.442 ug/L m
RT: 3.952 min Scan# 402
Delta R.T. 0.006 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

Tgt Ion: 96 Resp: 4210
Ion Ratio Lower Upper
96 100
61 223.3 123.1 228.7
63 836.7 89.6 166.4#





#13

Acetone

Concen: 4.270 ug/L m

RT: 4.046 min Scan# 41

Delta R.T. 0.018 min

Lab File: VD080199.D

Acq: 09 Jan 2025 17:53

Instrument :

MSVOA_D

ClientSampleId :

MDL01

Tgt Ion: 43 Resp: 2382

Ion Ratio Lower Upper

43 100

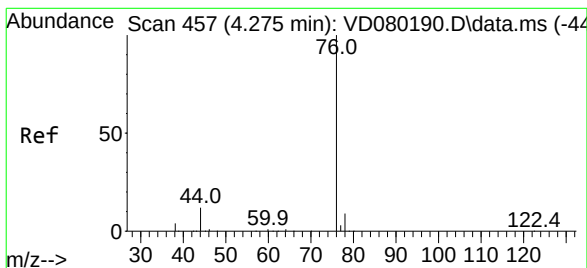
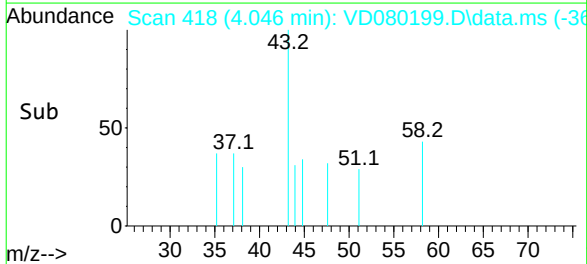
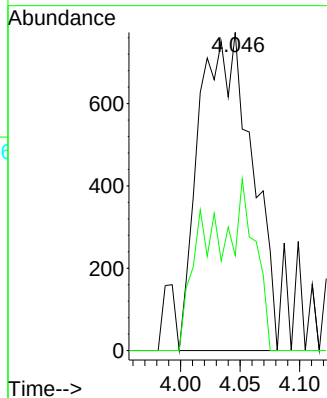
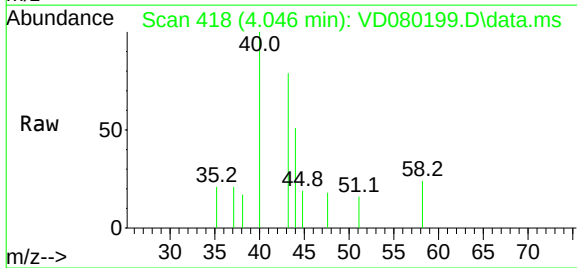
58 21.9 0.0 52.8

Manual Integrations

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Supervised By :Semsettin Yesilyurt 01/10/2025



#14

Carbon disulfide

Concen: 1.211 ug/L m

RT: 4.269 min Scan# 456

Delta R.T. -0.006 min

Lab File: VD080199.D

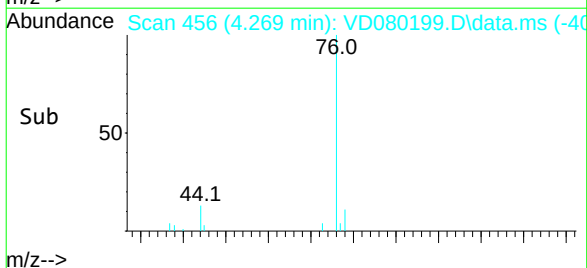
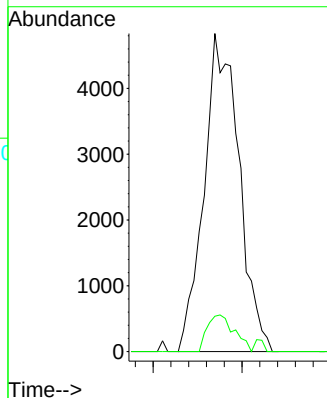
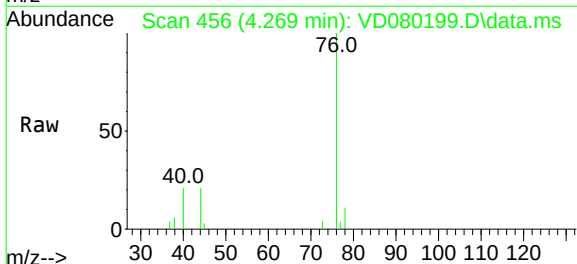
Acq: 09 Jan 2025 17:53

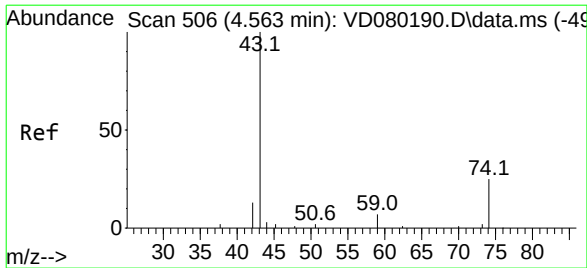
Tgt Ion: 76 Resp: 13177

Ion Ratio Lower Upper

76 100

78 11.1 7.5 11.3





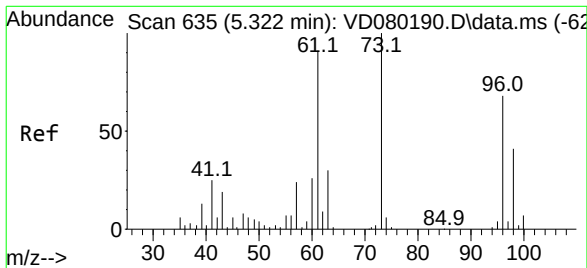
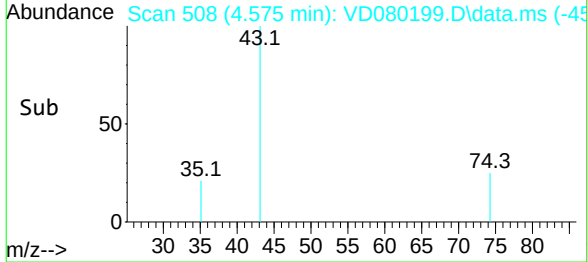
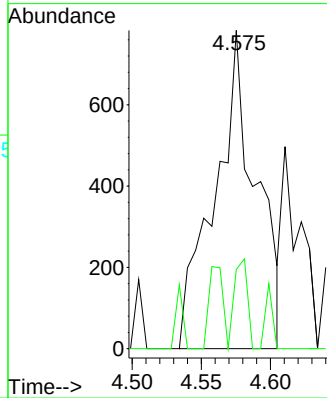
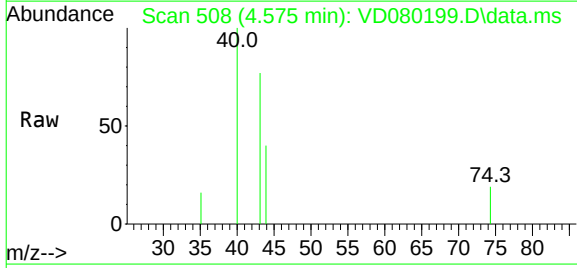
#15
Methyl Acetate
Concen: 1.159 ug/L m
RT: 4.575 min Scan# 506
Delta R.T. 0.012 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

Instrument :
MSVOA_D
ClientSampleId :
MDL01

Tgt Ion: 43 Resp: 1618
Ion Ratio Lower Upper
43 100
74 9.1 10.1 15.1#

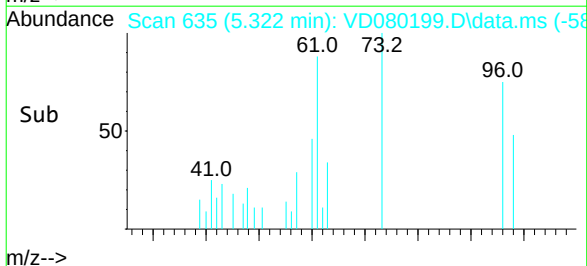
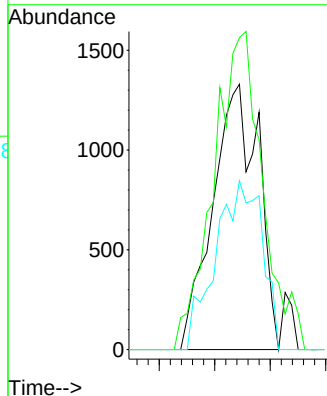
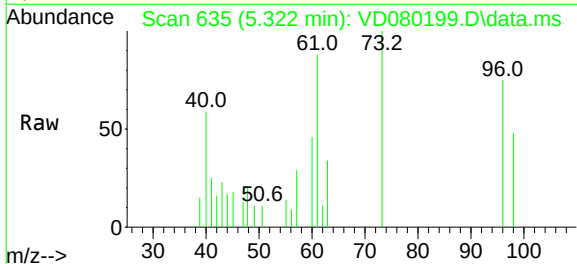
Manual Integrations
APPROVED

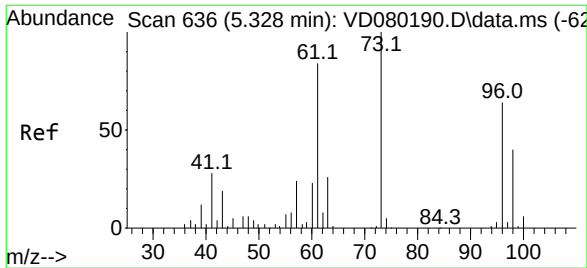
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#17
trans-1,2-Dichloroethene
Concen: 1.198 ug/L m
RT: 5.322 min Scan# 635
Delta R.T. 0.000 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

Tgt Ion: 96 Resp: 3807
Ion Ratio Lower Upper
96 100
61 117.5 93.7 173.9
98 63.6 42.1 78.1





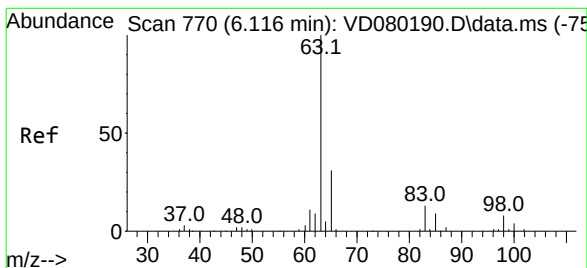
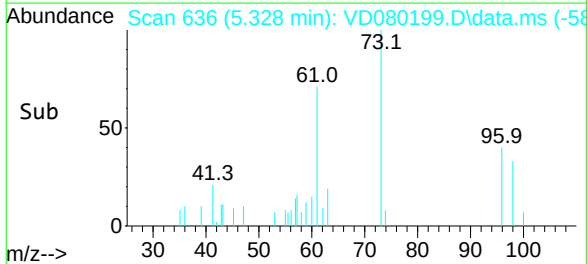
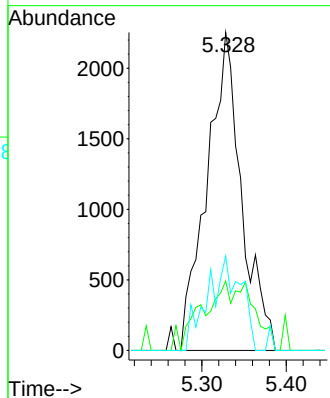
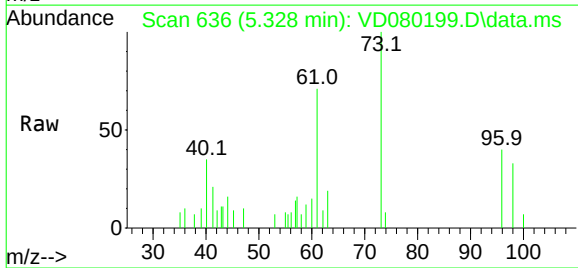
#18
Methyl tert-butyl Ether
Concen: 1.063 ug/L m
RT: 5.328 min Scan# 636
Delta R.T. 0.000 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

Instrument :
MSVOA_D
ClientSampleId :
MDL01

Tgt Ion: 73 Resp: 6433
Ion Ratio Lower Upper
73 100
43 10.3 16.6 24.8#
57 8.7 18.9 28.3#

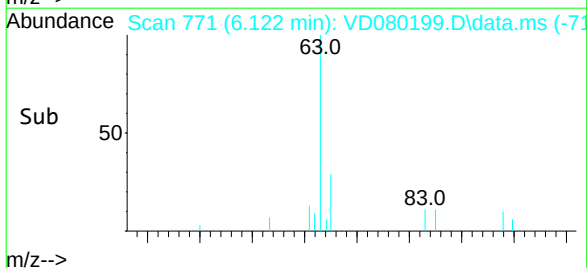
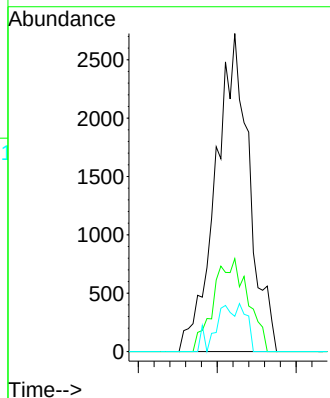
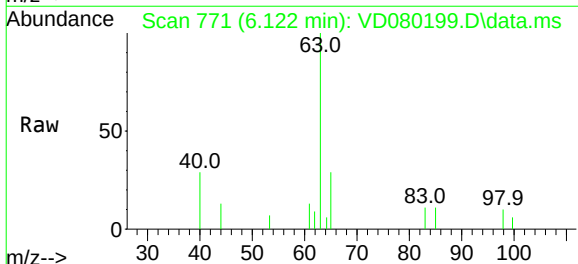
Manual Integrations
APPROVED

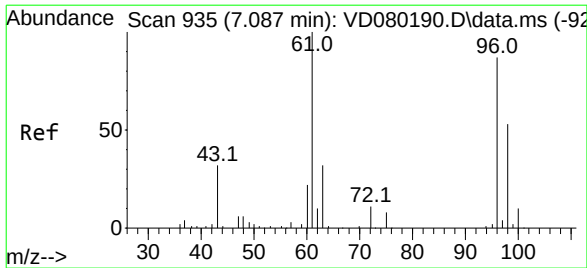
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#19
1,1-Dichloroethane
Concen: 1.320 ug/L m
RT: 6.122 min Scan# 771
Delta R.T. 0.006 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

Tgt Ion: 63 Resp: 8097
Ion Ratio Lower Upper
63 100
65 29.2 21.7 40.3
83 11.1 8.8 16.4





#20

cis-1,2-Dichloroethene

Concen: 1.241 ug/L

RT: 7.081 min Scan# 93

Delta R.T. -0.006 min

Lab File: VD080199.D

Acq: 09 Jan 2025 17:53

Instrument :

MSVOA_D

ClientSampleId :

MDL01

Tgt Ion: 96 Resp: 4146

Ion Ratio Lower Upper

96 100

61 128.8 80.8 150.0

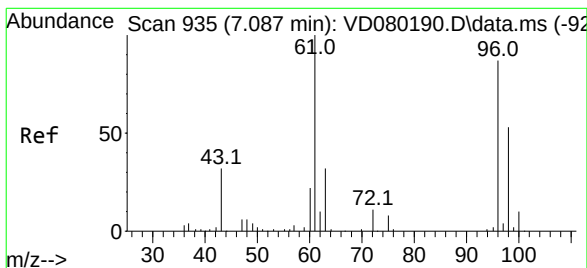
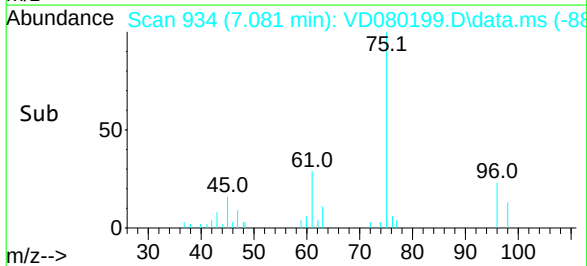
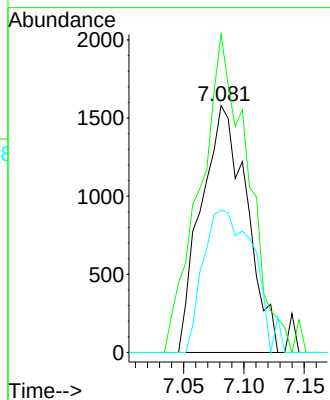
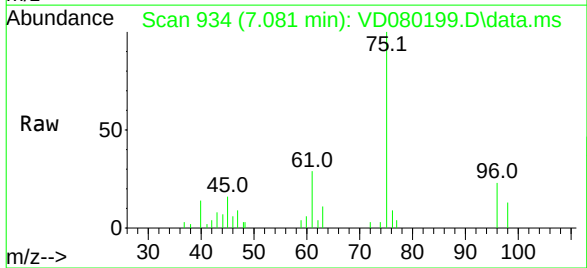
98 57.7 42.6 79.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#22

2-Butanone

Concen: 3.910 ug/L m

RT: 7.099 min Scan# 937

Delta R.T. 0.012 min

Lab File: VD080199.D

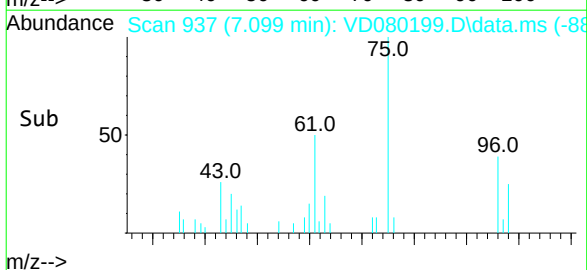
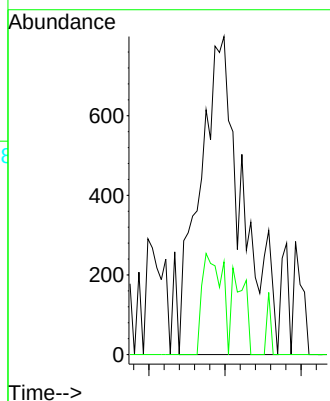
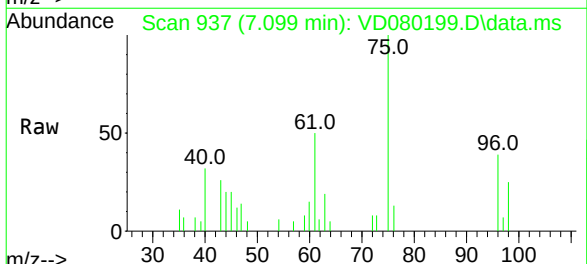
Acq: 09 Jan 2025 17:53

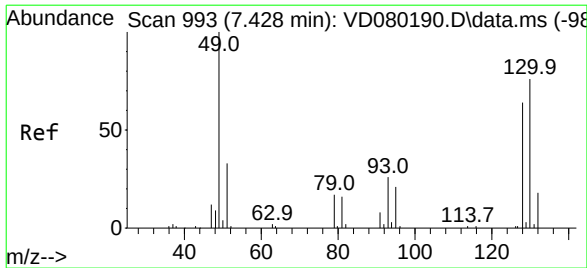
Tgt Ion: 43 Resp: 3108

Ion Ratio Lower Upper

43 100

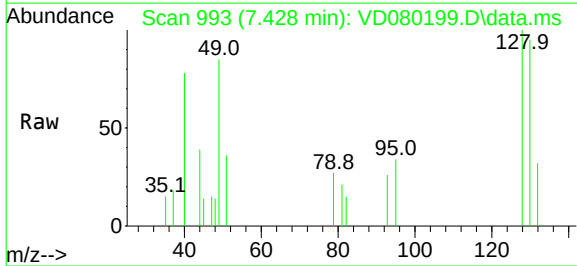
72 2.6 14.0 42.0#





#23
Bromochloromethane
Concen: 1.270 ug/L m
RT: 7.428 min Scan# 99
Delta R.T. 0.000 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

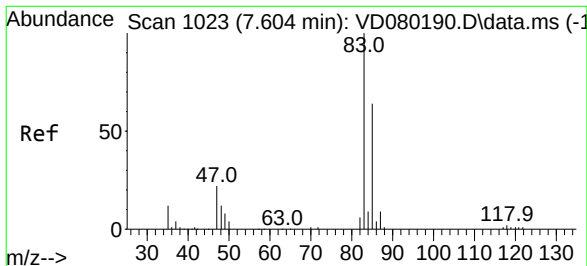
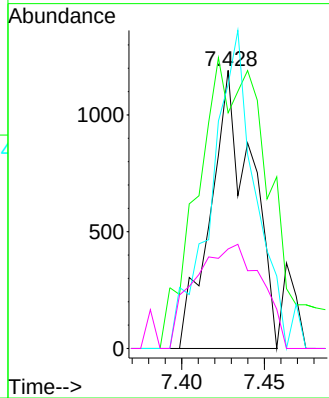
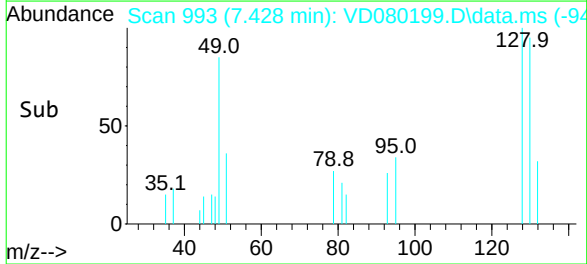
Instrument :
MSVOA_D
ClientSampleId :
MDL01



Tgt Ion: 128 Resp: 2052
Ion Ratio Lower Upper
128 100
49 84.7 110.7 205.7#
130 94.9 83.1 154.3
51 35.8 42.0 63.0#

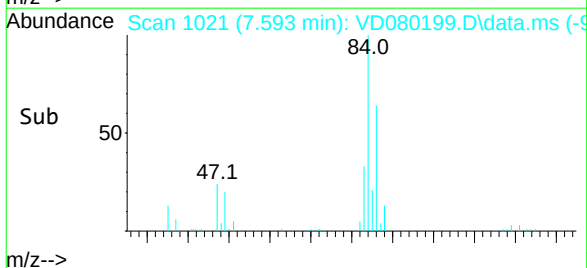
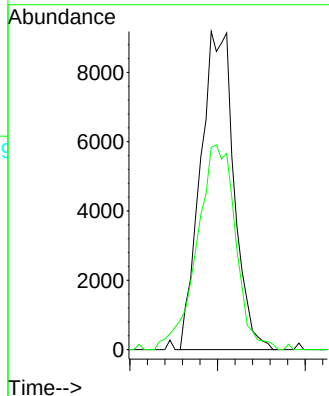
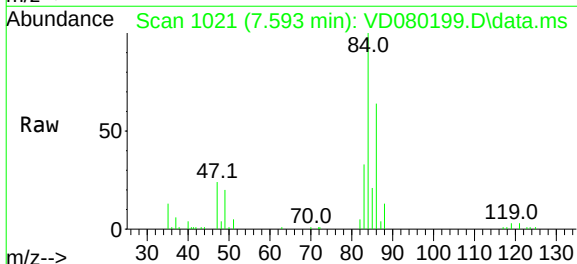
Manual Integrations
APPROVED

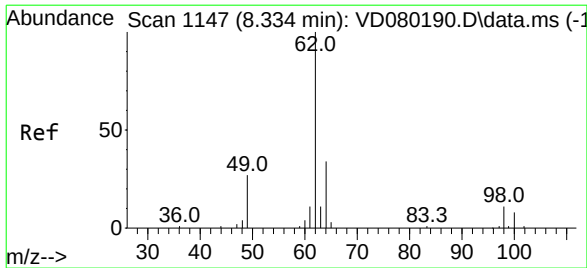
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#25
Chloroform
Concen: 3.596 ug/L m
RT: 7.593 min Scan# 1021
Delta R.T. -0.012 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

Tgt Ion: 83 Resp: 24447
Ion Ratio Lower Upper
83 100
85 63.6 45.1 83.9





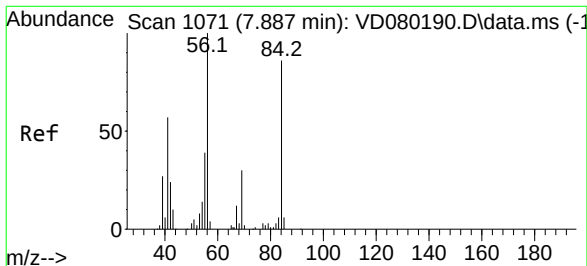
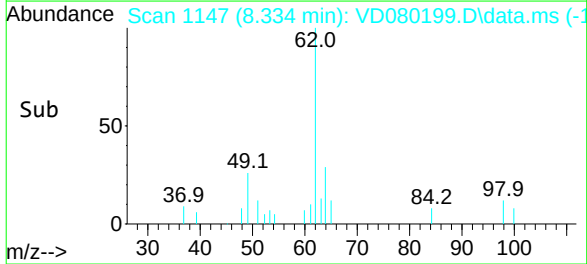
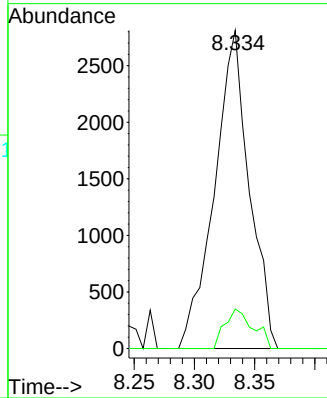
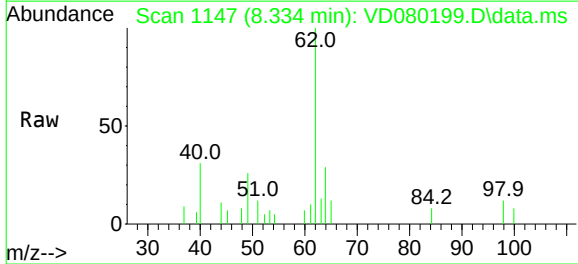
#27
1,2-Dichloroethane
Concen: 1.424 ug/L
RT: 8.334 min Scan# 1147
Delta R.T. 0.000 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

Instrument :
MSVOA_D
ClientSampleId :
MDL01

Tgt Ion: 62 Resp: 5648
Ion Ratio Lower Upper
62 100
98 12.4 8.6 13.0

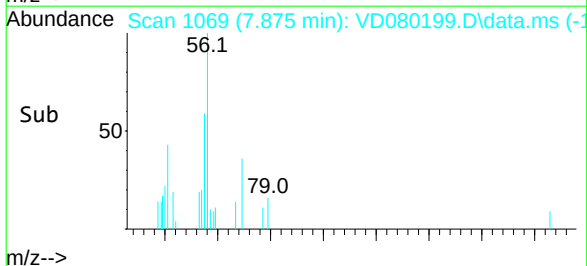
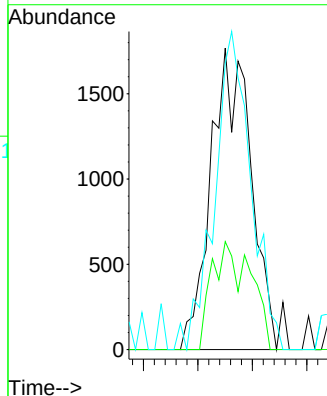
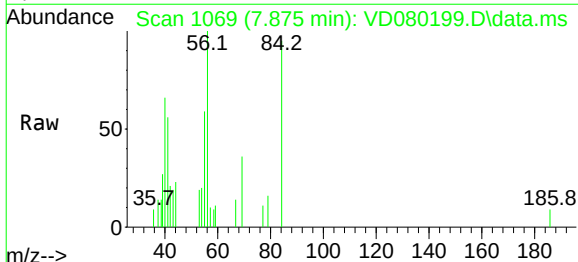
Manual Integrations
APPROVED

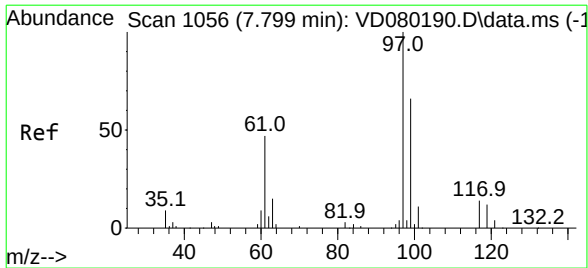
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#29
Cyclohexane
Concen: 0.862 ug/L m
RT: 7.875 min Scan# 1069
Delta R.T. -0.012 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

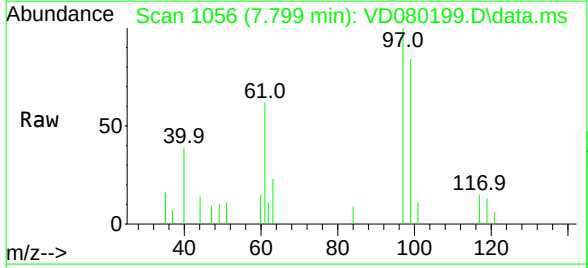
Tgt Ion: 56 Resp: 4529
Ion Ratio Lower Upper
56 100
69 12.8 24.2 36.4#
84 94.5 68.8 103.2





#30
1,1,1-Trichloroethane
Concen: 1.128 ug/L
RT: 7.799 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

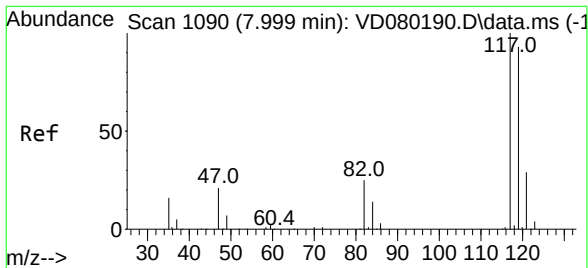
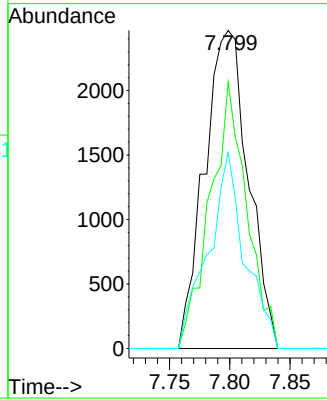
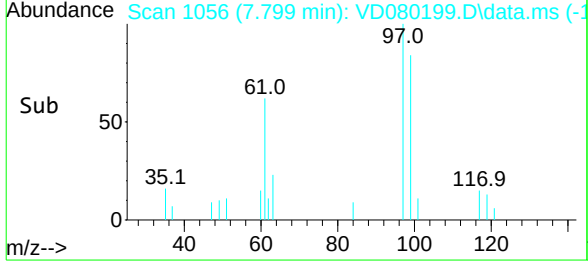
Instrument :
MSVOA_D
ClientSampleId :
MDL01



Tgt Ion: 97 Resp: 6245
Ion Ratio Lower Upper
97 100
99 69.8 51.7 77.5
61 45.5 35.8 53.6

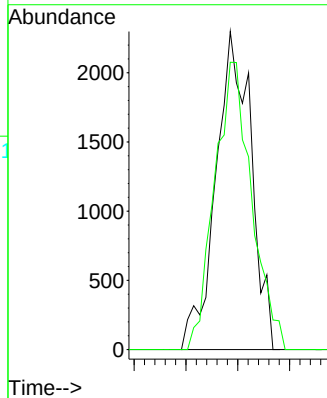
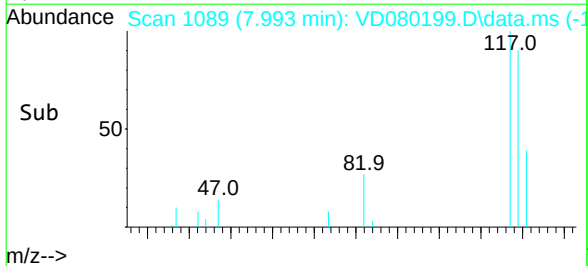
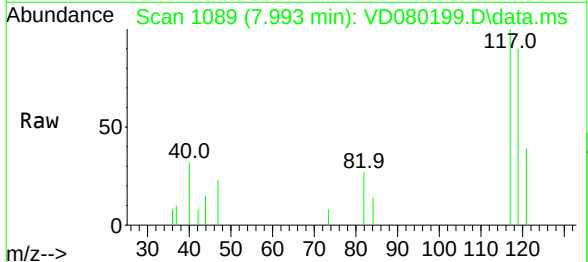
Manual Integrations
APPROVED

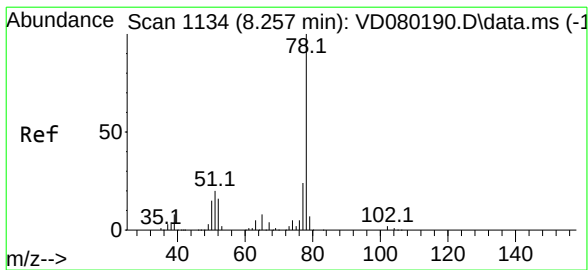
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#31
Carbon tetrachloride
Concen: 1.109 ug/L m
RT: 7.993 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

Tgt Ion:117 Resp: 5418
Ion Ratio Lower Upper
117 100
119 9.3 75.8 113.8#





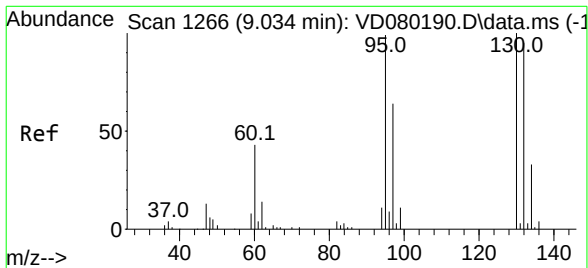
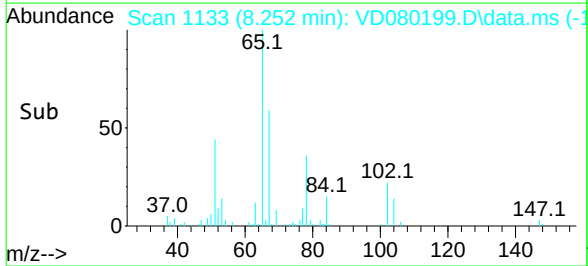
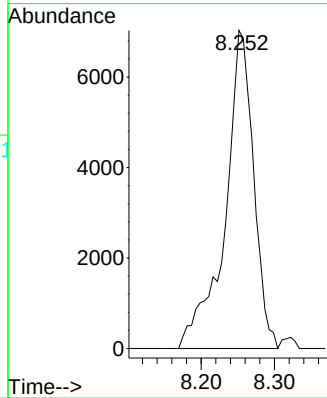
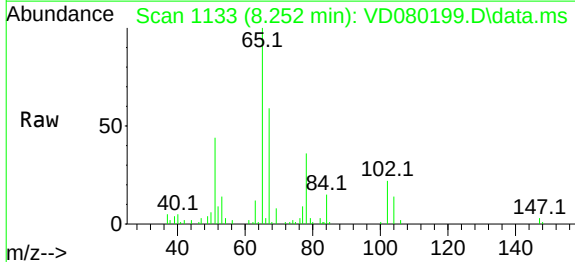
#33
Benzene
Concen: 1.335 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

Instrument :
MSVOA_D
ClientSampleId :
MDL01

Tgt Ion: 78 Resp: 18972

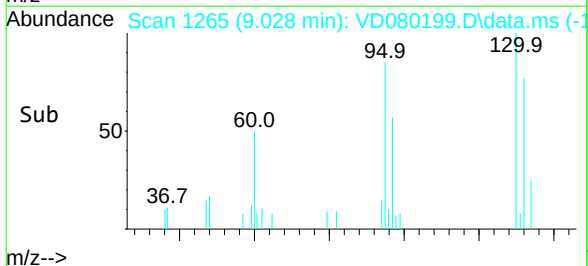
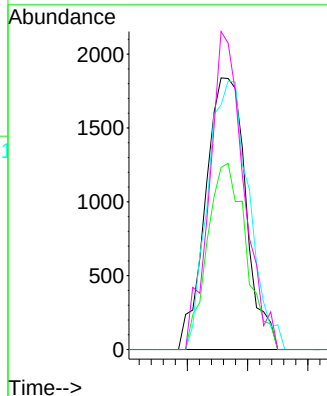
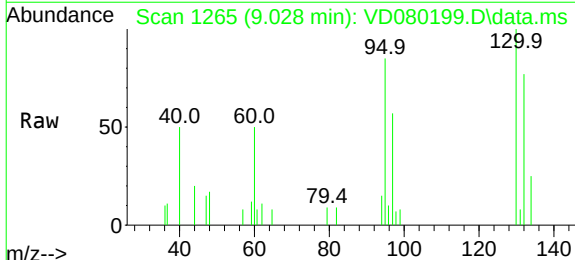
Manual Integrations
APPROVED

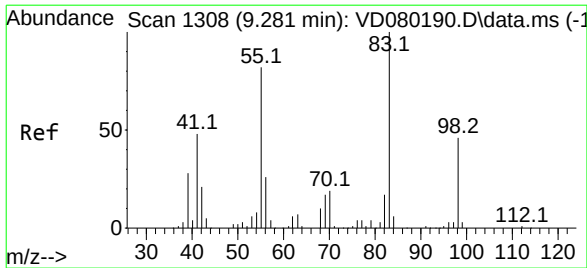
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#34
Trichloroethene
Concen: 1.159 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

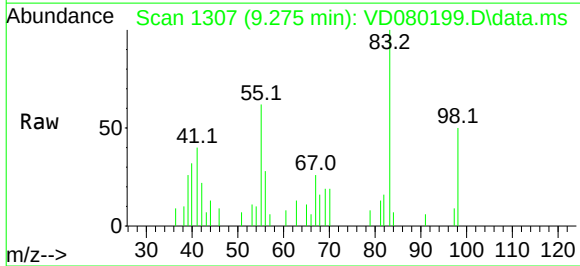
Tgt Ion: 95 Resp: 4264
Ion Ratio Lower Upper
95 100
97 67.0 45.6 84.6
132 90.0 67.2 124.8
130 117.1 71.0 131.8





#35
Methylcyclohexane
Concen: 1.070 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.006 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

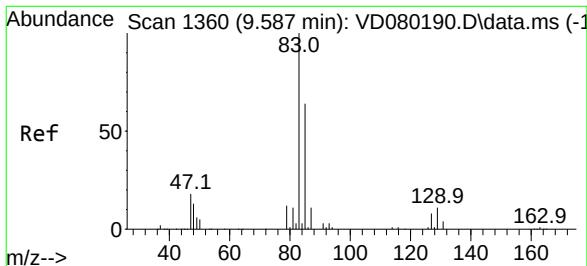
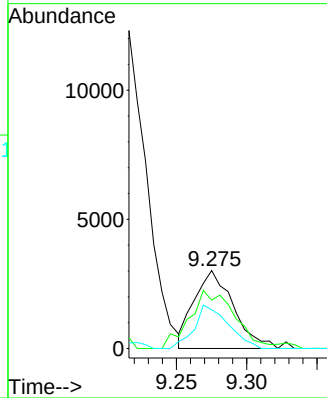
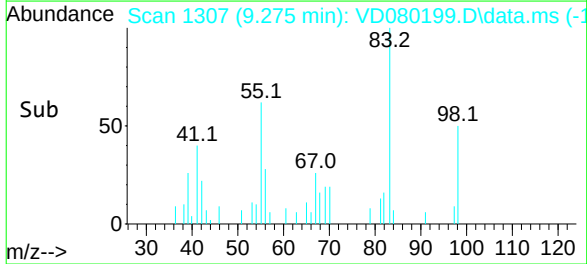
Instrument :
MSVOA_D
ClientSampleId :
MDL01



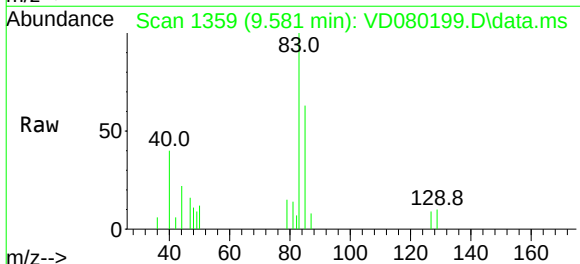
Tgt Ion: 83 Resp: 5857
Ion Ratio Lower Upper
83 100
55 84.9 65.6 98.4
98 48.2 37.7 56.5

Manual Integrations
APPROVED

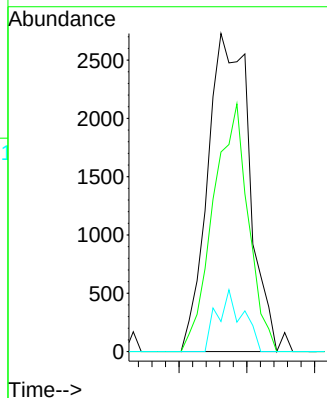
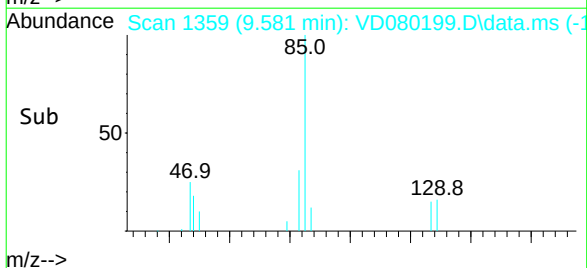
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

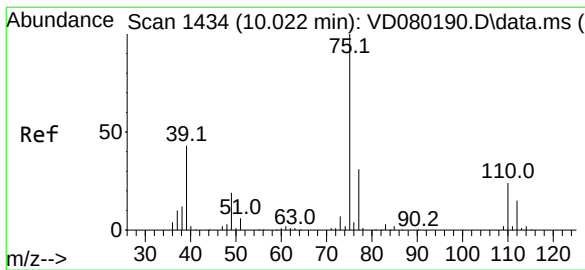


#38
Bromodichloromethane
Concen: 1.197 ug/L m
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53



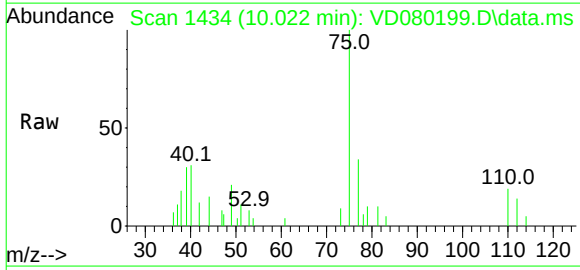
Tgt Ion: 83 Resp: 5808
Ion Ratio Lower Upper
83 100
85 62.8 44.6 82.8
127 9.5 6.7 10.1





#39
cis-1,3-Dichloropropene
Concen: 1.097 ug/L
RT: 10.022 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

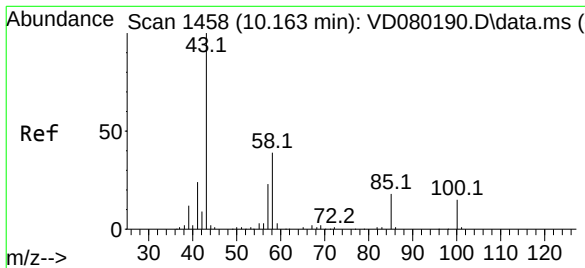
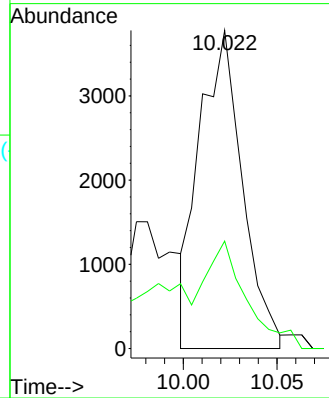
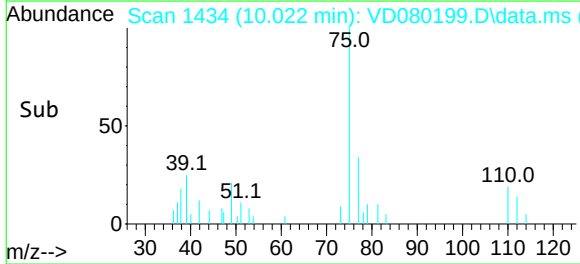
Instrument :
MSVOA_D
ClientSampleId :
MDL01



Tgt Ion: 75 Resp: 6002
Ion Ratio Lower Upper
75 100
77 33.8 22.0 40.8

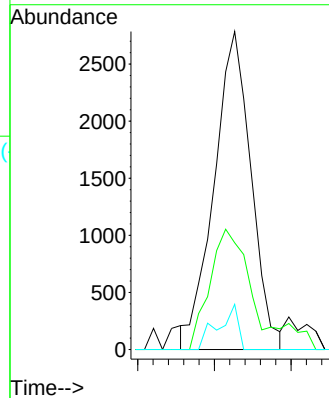
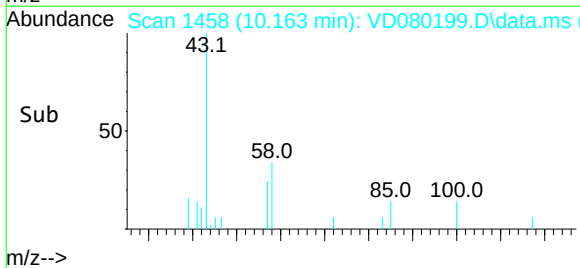
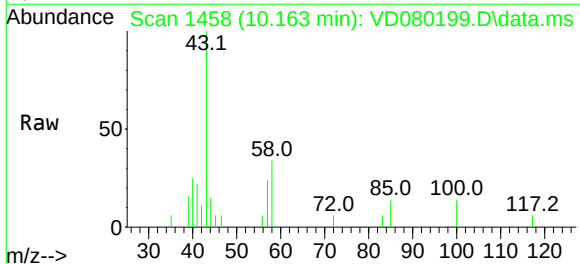
Manual Integrations
APPROVED

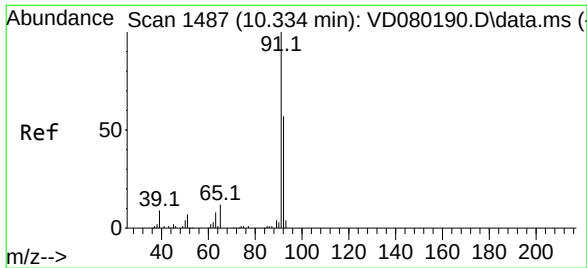
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#40
4-Methyl-2-pentanone
Concen: 2.457 ug/L
RT: 10.163 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

Tgt Ion: 43 Resp: 4669
Ion Ratio Lower Upper
43 100
58 38.5 31.0 46.6
100 4.6 12.1 18.1#





#42

Toluene

Concen: 1.175 ug/L

RT: 10.340 min Scan# 1487

Delta R.T. 0.006 min

Lab File: VD080199.D

Acq: 09 Jan 2025 17:53

Instrument :

MSVOA_D

ClientSampleId :

MDL01

Tgt Ion: 91 Resp: 17436

Ion Ratio Lower Upper

91 100

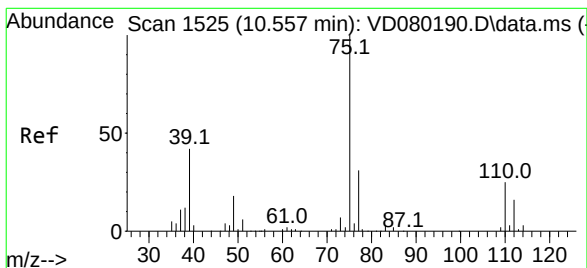
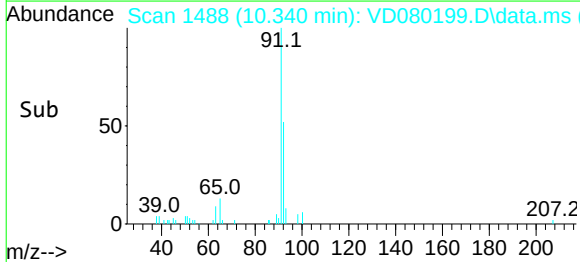
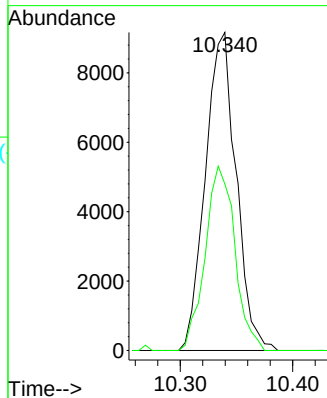
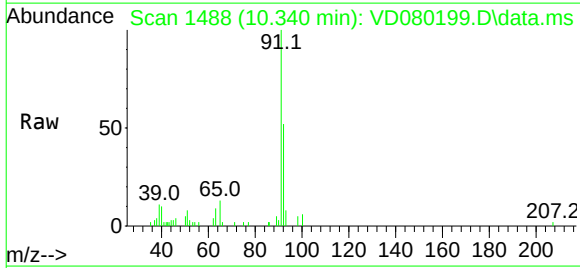
92 52.3 39.8 73.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#44

trans-1,3-Dichloropropene

Concen: 1.160 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VD080199.D

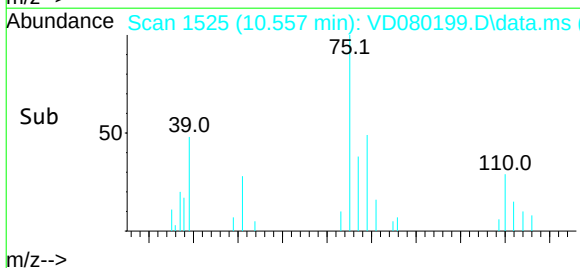
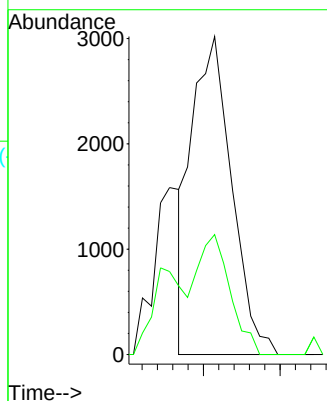
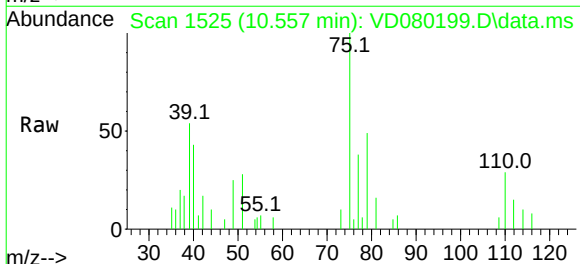
Acq: 09 Jan 2025 17:53

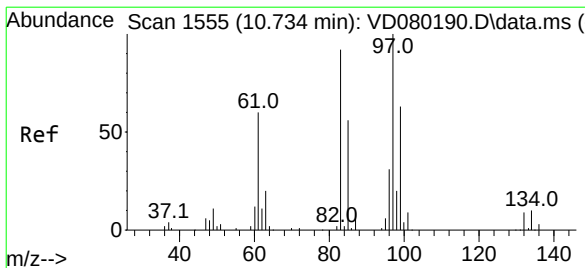
Tgt Ion: 75 Resp: 5479

Ion Ratio Lower Upper

75 100

77 37.7 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 1.232 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD080199.D

Acq: 09 Jan 2025 17:53

Instrument :

MSVOA_D

ClientSampleId :

MDL01

Tgt Ion: 97 Resp: 3482

Ion Ratio Lower Upper

97 100

99 61.7 44.0 81.8

83 71.5 64.4 119.6

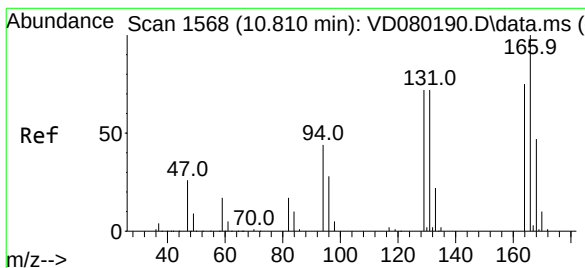
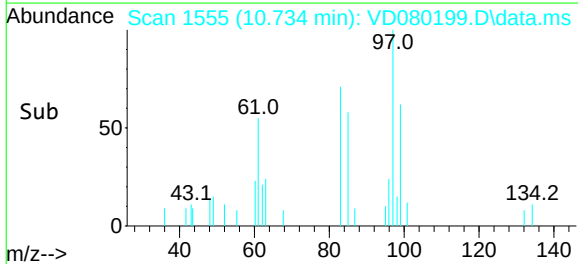
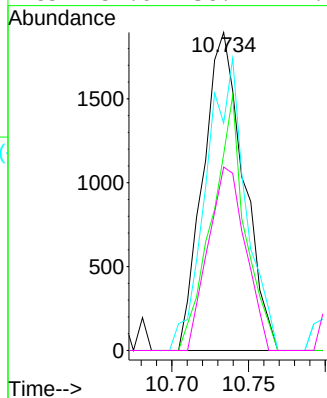
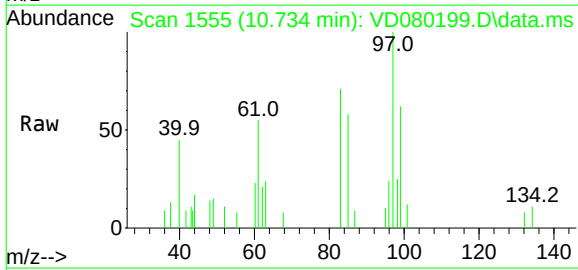
85 57.6 38.9 72.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#46

Tetrachloroethene

Concen: 1.157 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD080199.D

Acq: 09 Jan 2025 17:53

Tgt Ion:164 Resp: 3429

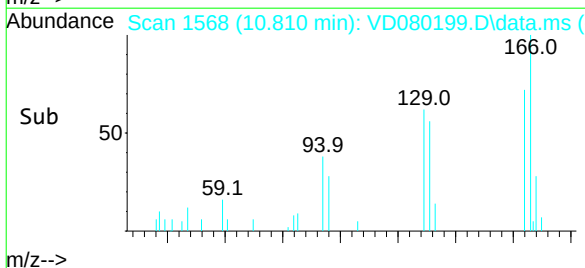
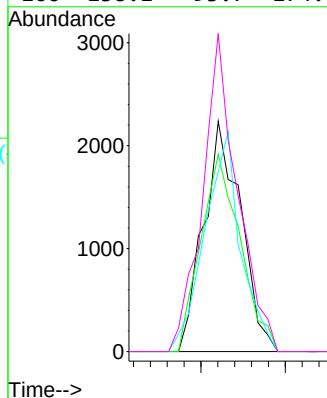
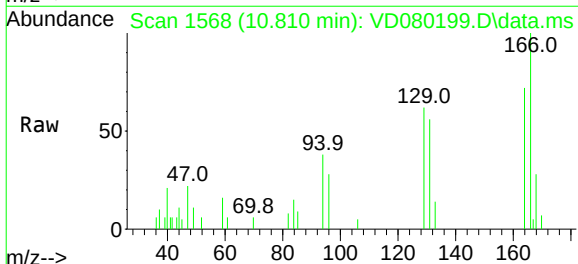
Ion Ratio Lower Upper

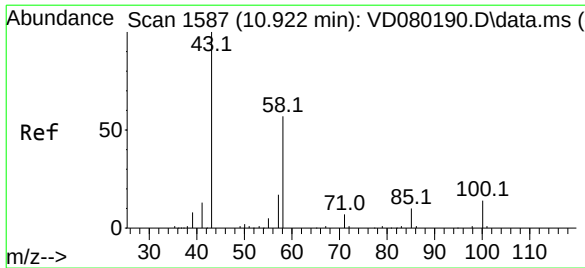
164 100

129 85.7 67.8 125.8

131 78.0 67.6 125.6

166 138.1 93.7 174.1





#48

2-Hexanone

Concen: 2.595 ug/L

RT: 10.928 min Scan# 15

Delta R.T. 0.006 min

Lab File: VD080199.D

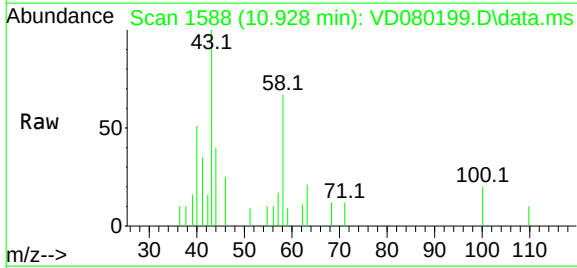
Acq: 09 Jan 2025 17:53

Instrument :

MSVOA_D

ClientSampleId :

MDL01



Tgt Ion: 43 Resp: 3362

Ion Ratio Lower Upper

43 100

58 50.0 42.5 63.7

57 9.0 15.5 23.3#

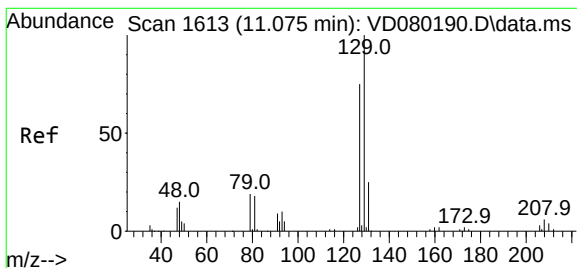
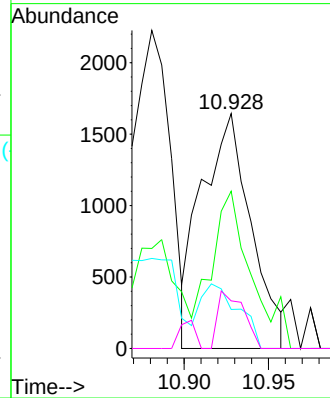
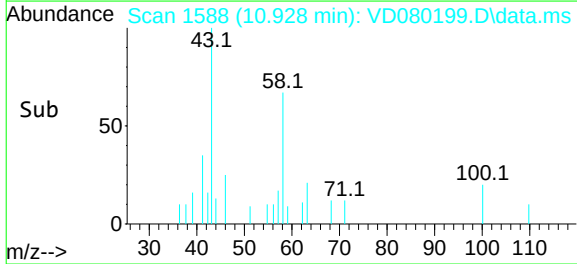
100 12.7 9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#49

Dibromochloromethane

Concen: 1.176 ug/L

RT: 11.081 min Scan# 1614

Delta R.T. 0.006 min

Lab File: VD080199.D

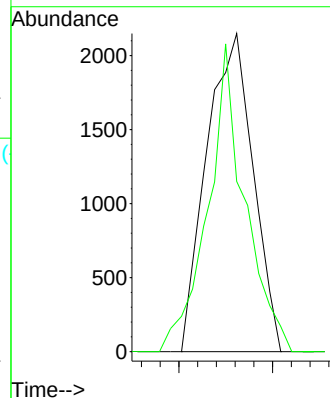
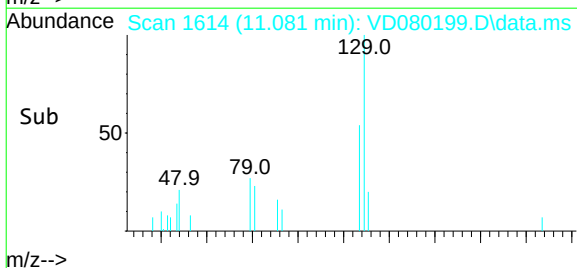
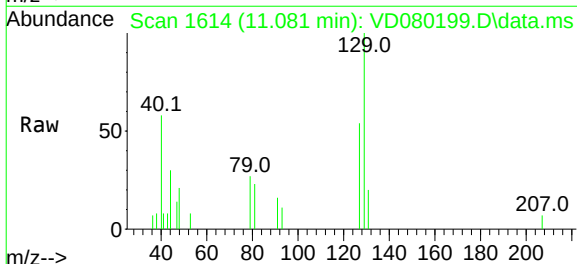
Acq: 09 Jan 2025 17:53

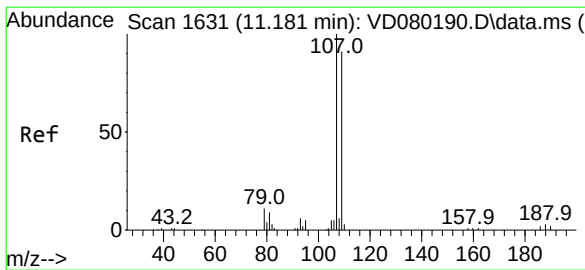
Tgt Ion:129 Resp: 3702

Ion Ratio Lower Upper

129 100

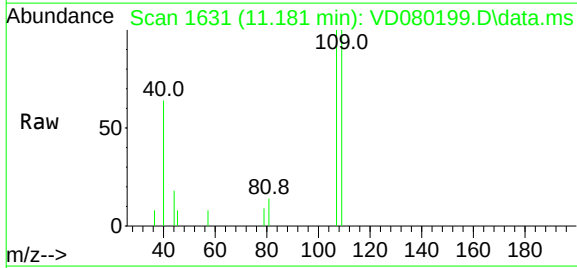
127 53.5 52.3 97.1





#50
1,2-Dibromoethane
Concen: 1.227 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

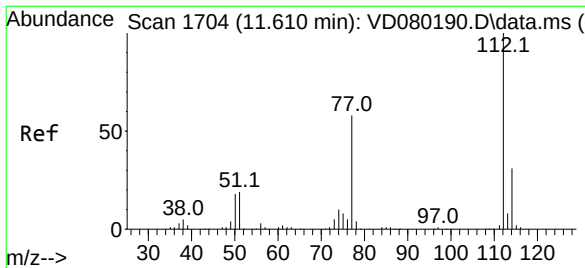
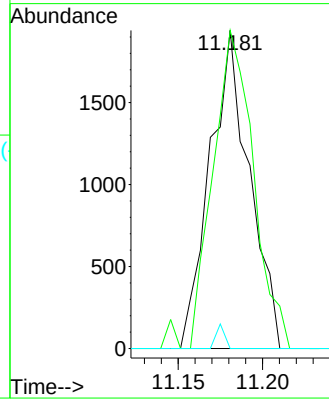
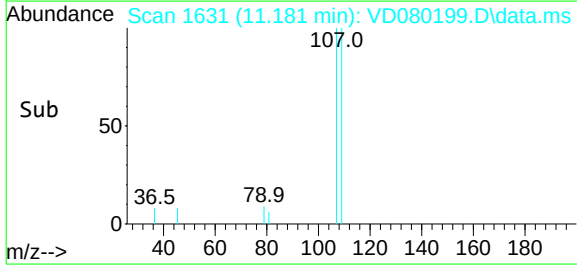
Instrument :
MSVOA_D
ClientSampleId :
MDL01



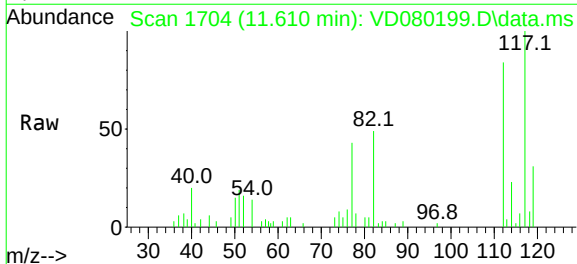
Tgt Ion:107 Resp: 3152
Ion Ratio Lower Upper
107 100
109 100.0 63.8 118.6
188 0.0 2.8 4.2#

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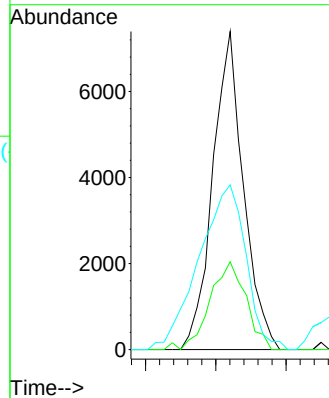
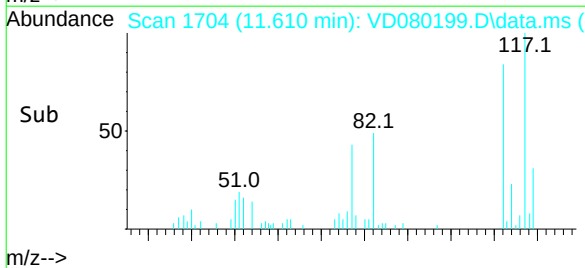
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

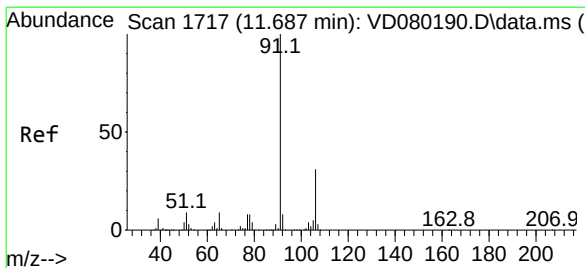


#51
Chlorobenzene
Concen: 1.182 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53



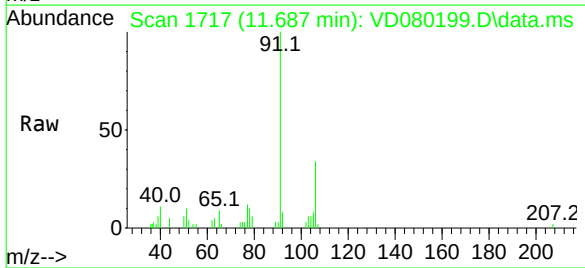
Tgt Ion:112 Resp: 11246
Ion Ratio Lower Upper
112 100
114 27.6 21.8 40.6
77 51.8 46.8 70.2





#52
Ethylbenzene
Concen: 0.996 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

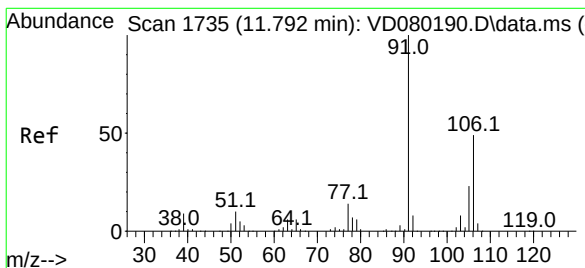
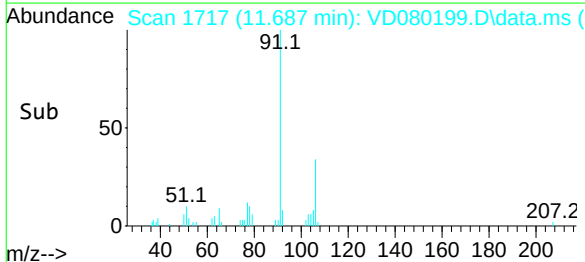
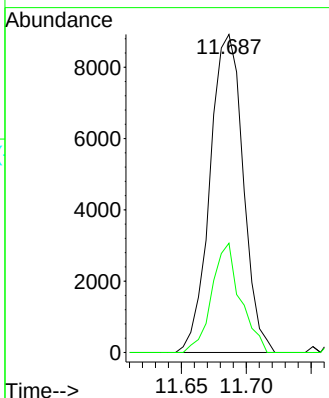
Instrument :
MSVOA_D
ClientSampleId :
MDL01



Tgt Ion: 91 Resp: 15857
Ion Ratio Lower Upper
91 100
106 34.4 21.8 40.6

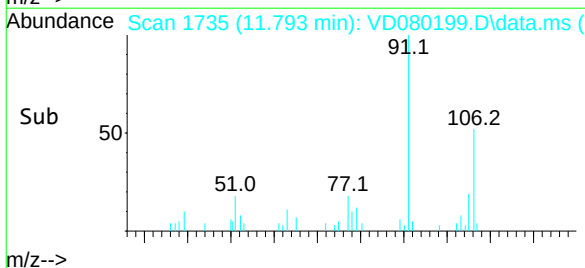
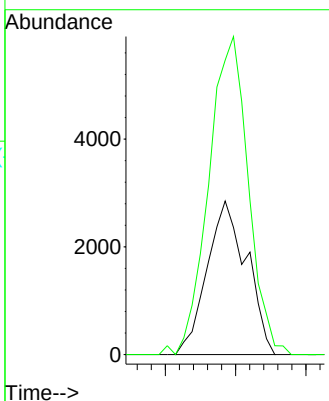
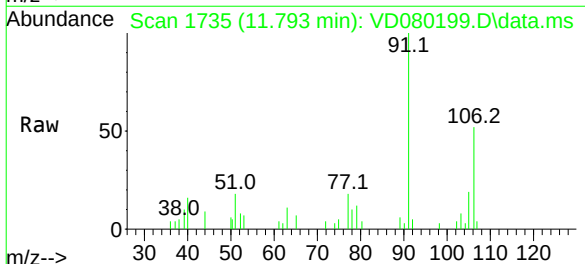
Manual Integrations
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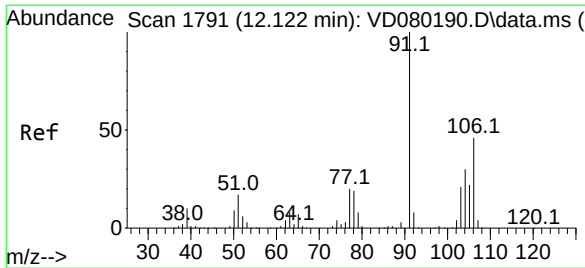
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#53
m,p-Xylene
Concen: 0.941 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

Tgt Ion:106 Resp: 5600
Ion Ratio Lower Upper
106 100
91 191.7 144.1 267.7





#54

o-Xylene

Concen: 0.825 ug/L

RT: 12.128 min Scan# 1791

Delta R.T. 0.006 min

Lab File: VD080199.D

Acq: 09 Jan 2025 17:53

Instrument :

MSVOA_D

ClientSampleId :

MDL01

Tgt Ion:106 Resp: 4592

Ion Ratio Lower Upper

106 100

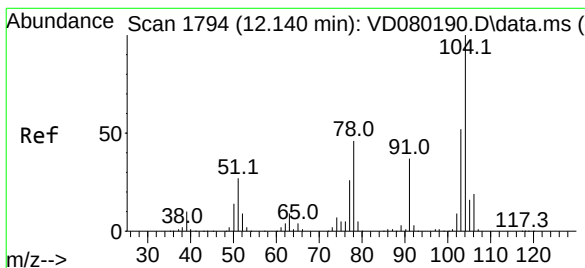
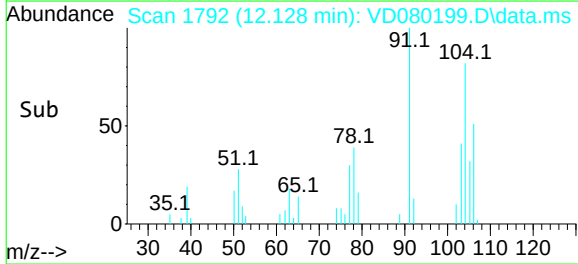
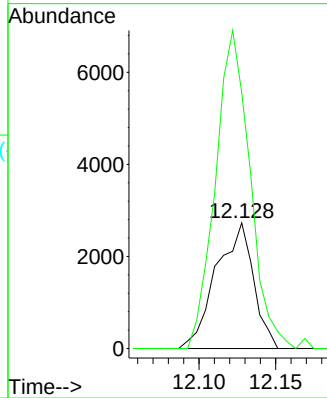
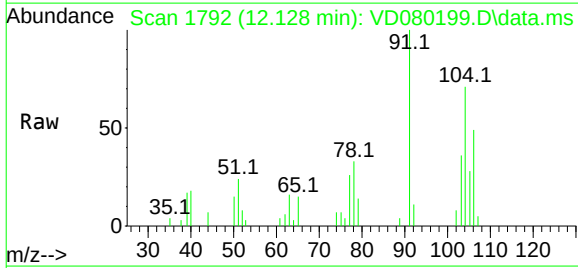
91 203.7 153.8 285.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#55

Styrene

Concen: 0.892 ug/L

RT: 12.134 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VD080199.D

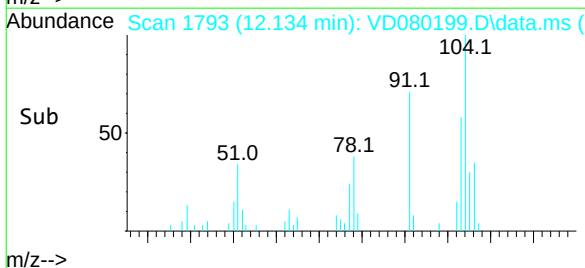
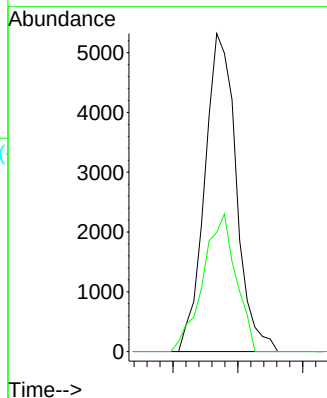
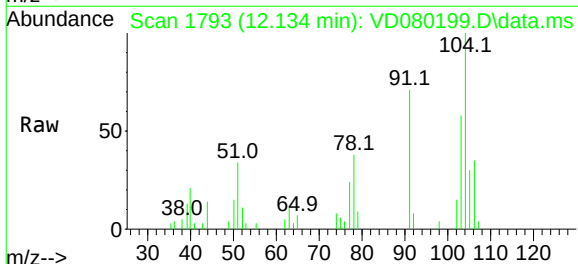
Acq: 09 Jan 2025 17:53

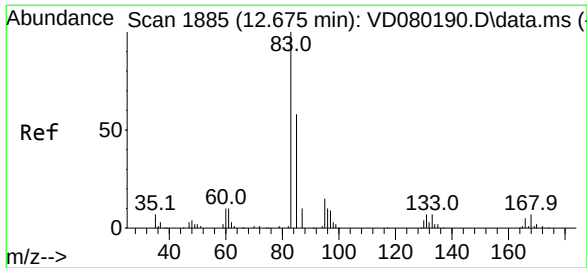
Tgt Ion:104 Resp: 8992

Ion Ratio Lower Upper

104 100

78 37.5 31.9 59.3





#57

1,1,2,2-Tetrachloroethane

Concen: 1.383 ug/L

RT: 12.669 min Scan# 18

Delta R.T. -0.006 min

Lab File: VD080199.D

Acq: 09 Jan 2025 17:53

Instrument :

MSVOA_D

ClientSampleId :

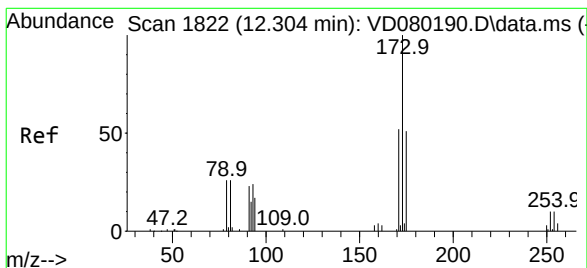
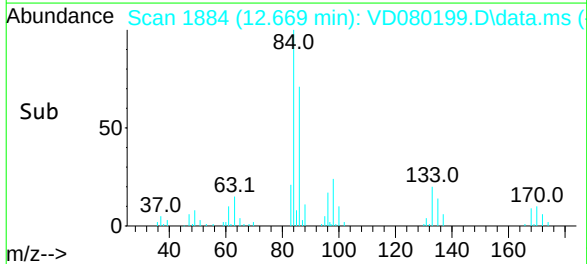
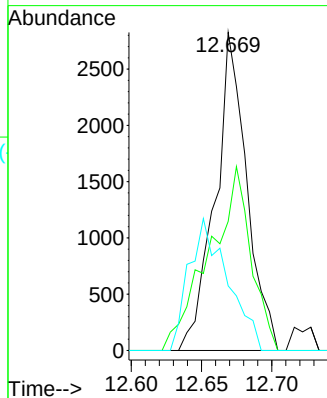
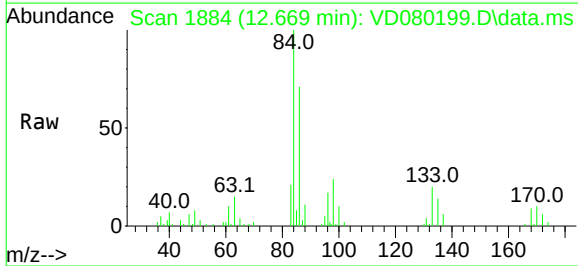
MDL01

Tgt Ion:	83	Resp:	4430
Ion Ratio	Lower	Upper	
83	100		
85	40.6	40.7	75.5#
131	20.3	6.2	9.2#

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#59

Bromoform

Concen: 1.345 ug/L

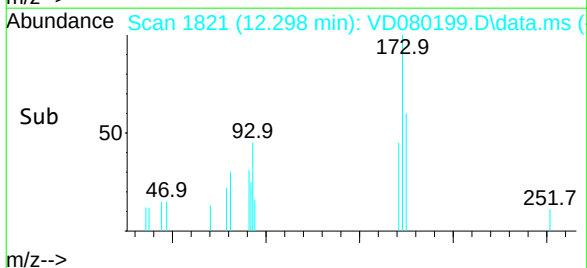
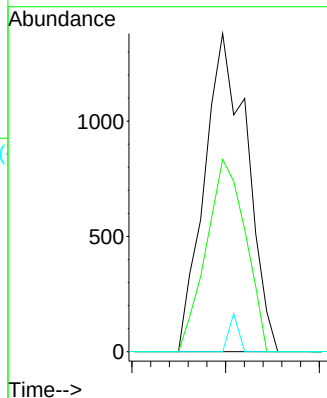
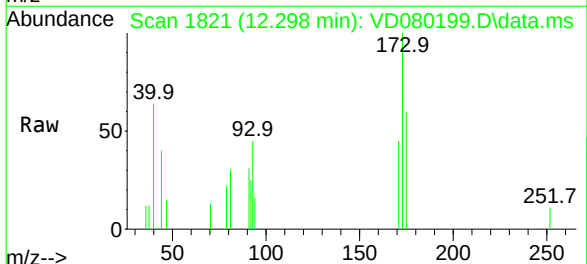
RT: 12.298 min Scan# 1821

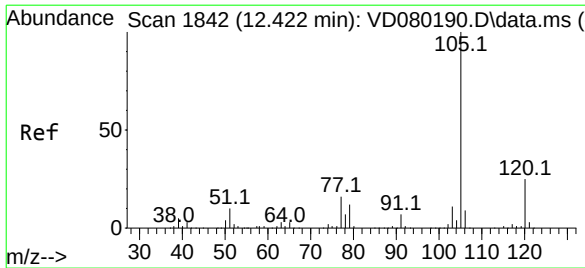
Delta R.T. -0.006 min

Lab File: VD080199.D

Acq: 09 Jan 2025 17:53

Tgt Ion:	173	Resp:	2177
Ion Ratio	Lower	Upper	
173	100		
175	55.8	38.2	57.4
254	0.0	8.3	12.5#





#60

Isopropylbenzene

Concen: 1.054 ug/L

RT: 12.422 min Scan# 18

Delta R.T. 0.000 min

Lab File: VD080199.D

Acq: 09 Jan 2025 17:53

Instrument :

MSVOA_D

ClientSampleId :

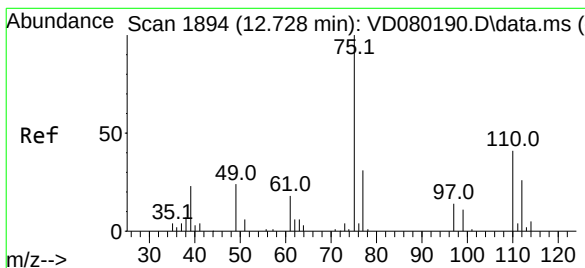
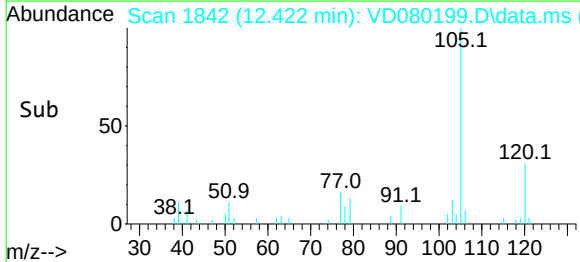
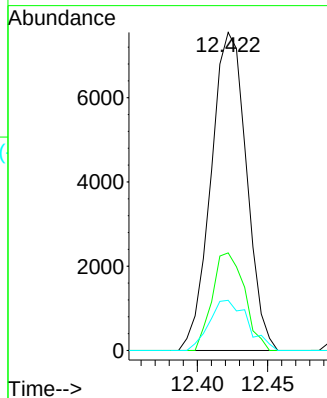
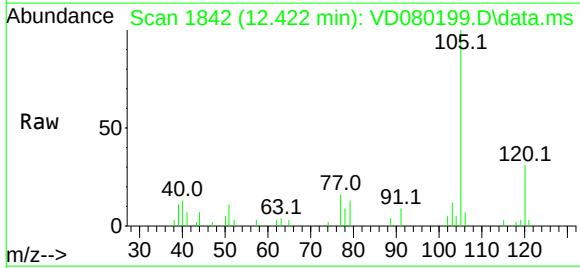
MDL01

Tgt Ion:	105	Resp:	13256
Ion Ratio	Lower	Upper	
105	100		
120	27.9	20.6	30.8
77	17.1	13.0	19.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#61

1,2,3-Trichloropropane

Concen: 1.339 ug/L

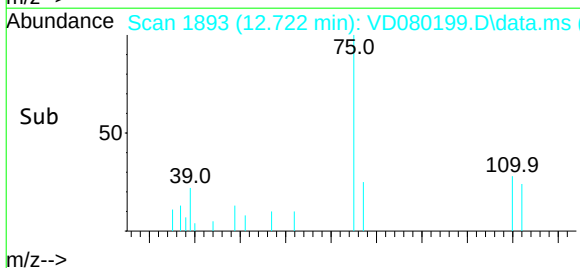
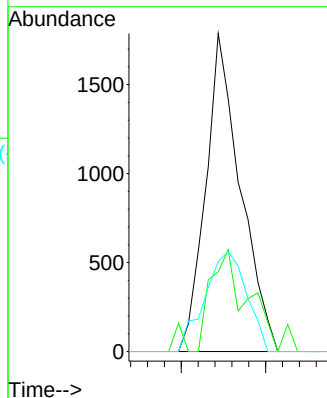
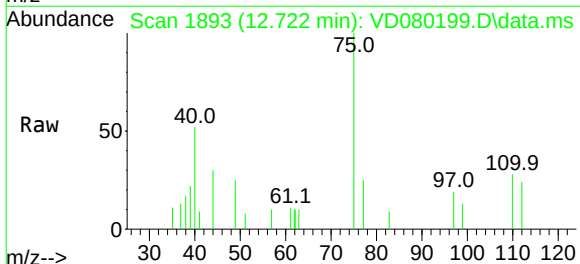
RT: 12.722 min Scan# 1893

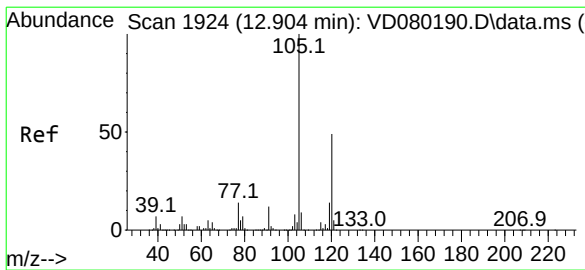
Delta R.T. -0.006 min

Lab File: VD080199.D

Acq: 09 Jan 2025 17:53

Tgt Ion:	75	Resp:	2554
Ion Ratio	Lower	Upper	
75	100		
77	22.8	25.7	38.5#
110	37.8	31.5	47.3





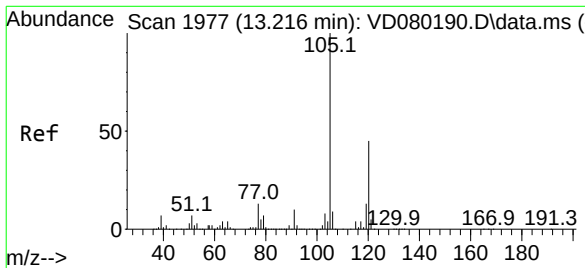
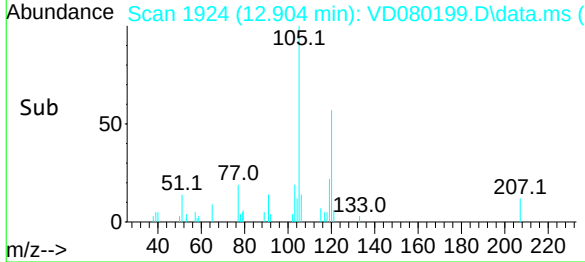
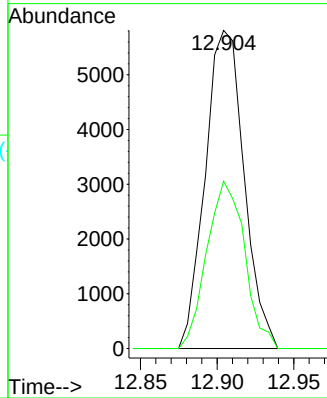
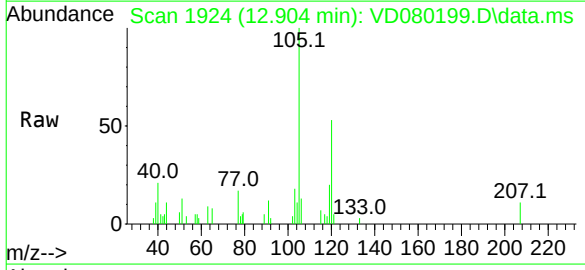
#62
1,3,5-Trimethylbenzene
Concen: 1.020 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

Instrument :
MSVOA_D
ClientSampleId :
MDL01

Tgt Ion:105 Resp: 10223
Ion Ratio Lower Upper
105 100
120 51.2 38.9 58.3

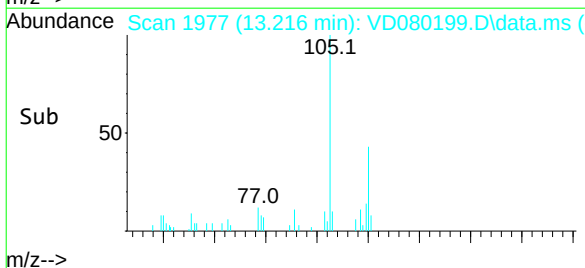
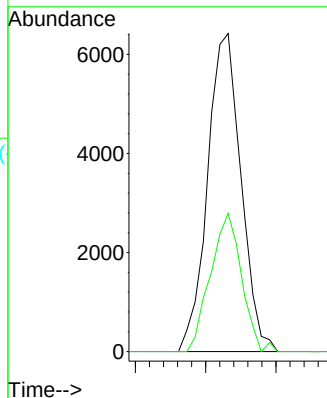
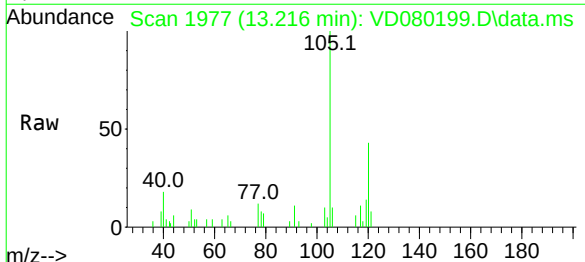
Manual Integrations
APPROVED

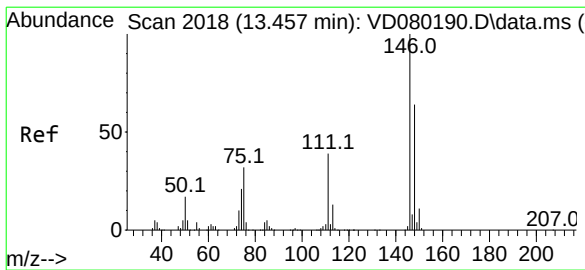
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#63
1,2,4-Trimethylbenzene
Concen: 1.085 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

Tgt Ion:105 Resp: 10607
Ion Ratio Lower Upper
105 100
120 39.8 36.1 54.1





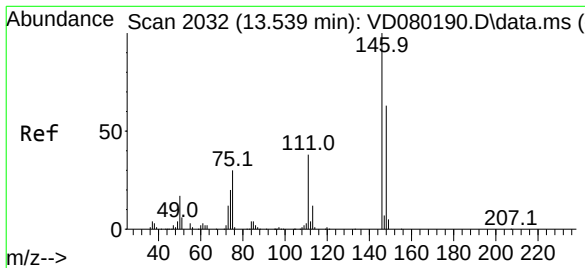
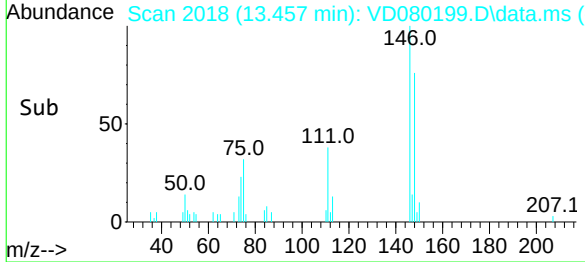
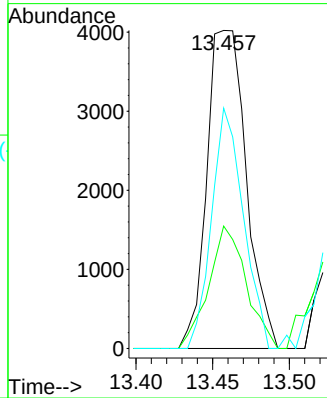
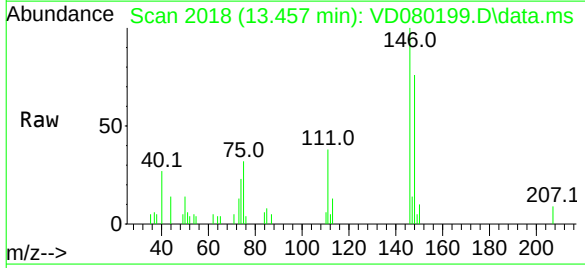
#64
1,3-Dichlorobenzene
Concen: 1.169 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

Instrument :
MSVOA_D
ClientSampleId :
MDL01

Tgt Ion:	146	Resp:	7194
Ion	Ratio	Lower	Upper
146	100		
111	38.5	27.2	50.6
148	75.6	44.8	83.2

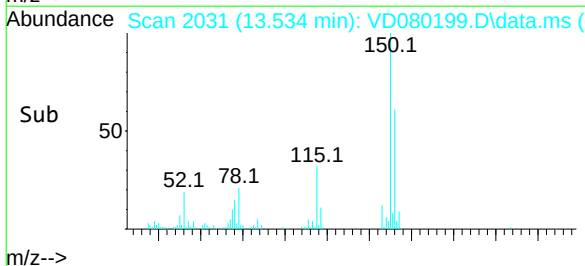
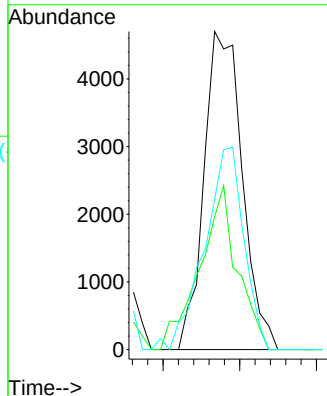
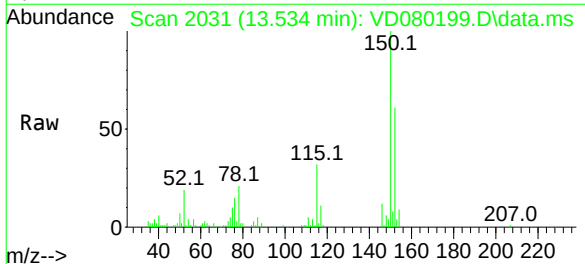
Manual Integrations
APPROVED

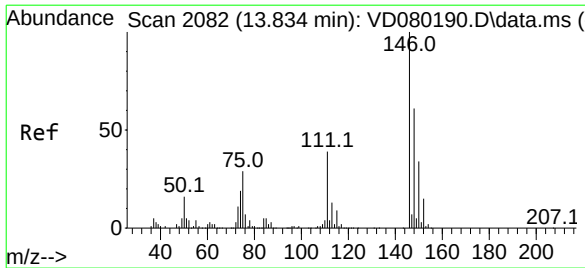
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#65
1,4-Dichlorobenzene
Concen: 1.281 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

Tgt Ion:	146	Resp:	8143
Ion	Ratio	Lower	Upper
146	100		
111	41.7	26.7	49.7
148	47.3	44.1	81.9





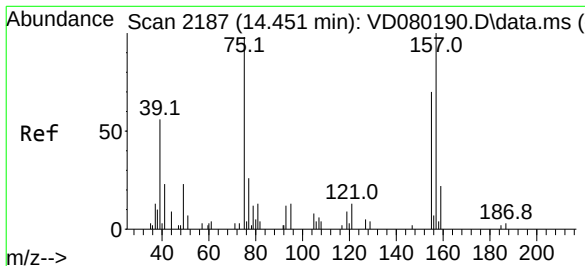
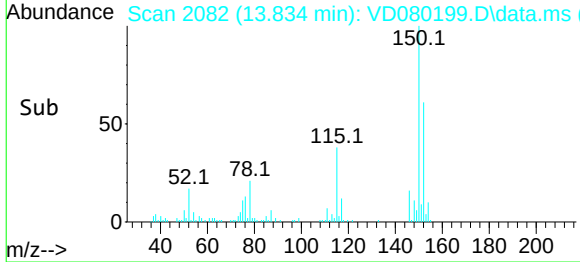
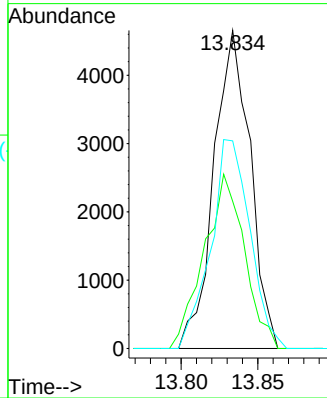
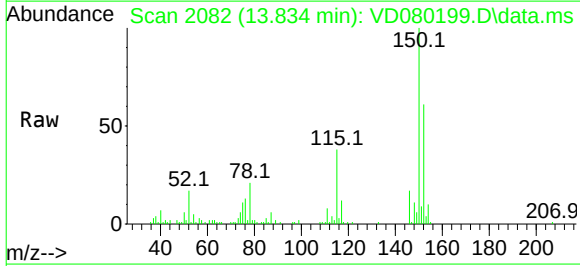
#67
1,2-Dichlorobenzene
Concen: 1.389 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

Instrument :
MSVOA_D
ClientSampleId :
MDL01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.3	31.4	47.0
148	65.3	48.8	73.2

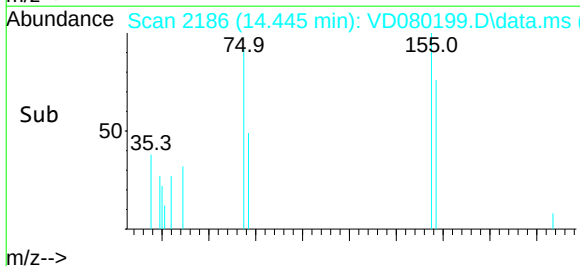
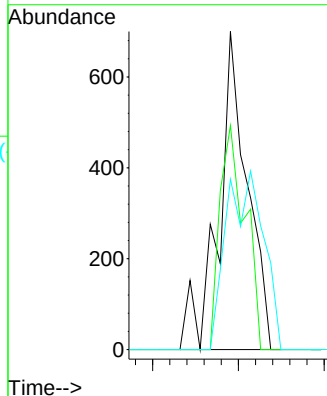
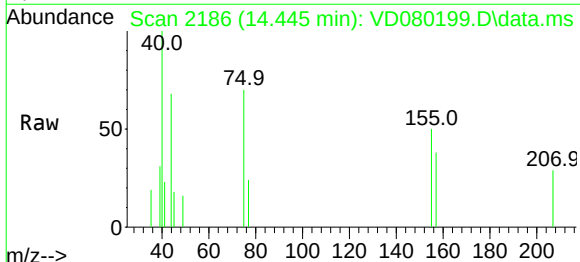
Manual Integrations
APPROVED

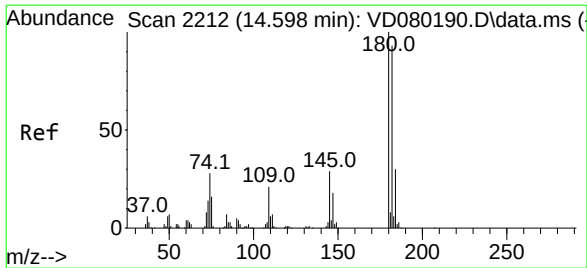
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#68
1,2-Dibromo-3-chloropropane
Concen: 1.953 ug/L m
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

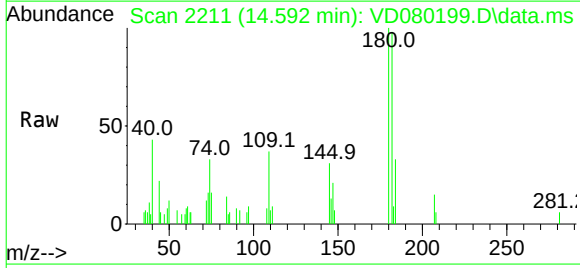
Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.4	57.3	85.9
157	53.6	82.0	123.0





#69
1,3,5-Trichlorobenzene
Concen: 1.246 ug/L
RT: 14.592 min Scan# 2212
Delta R.T. -0.006 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

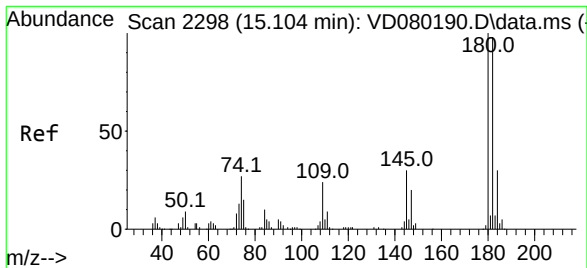
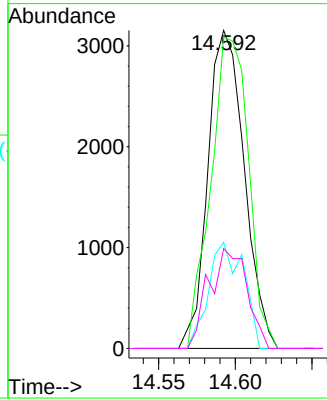
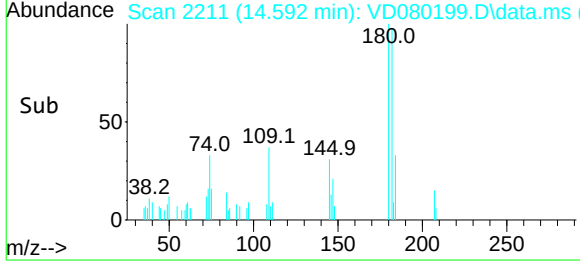
Instrument :
MSVOA_D
ClientSampleId :
MDL01



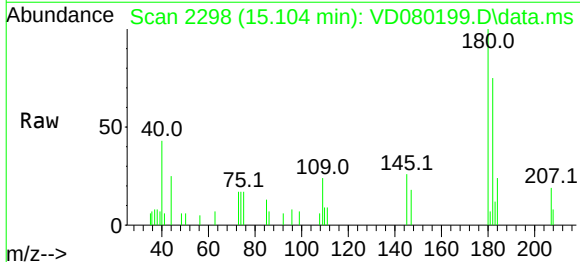
Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.2	75.4	113.0
184	32.0	24.0	36.0
145	32.8	23.4	35.0

Manual Integrations
APPROVED

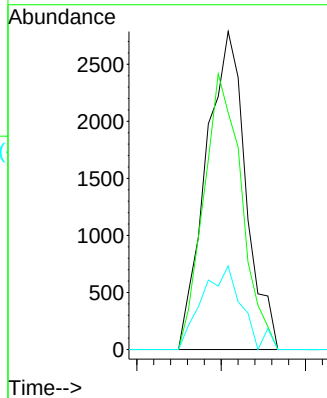
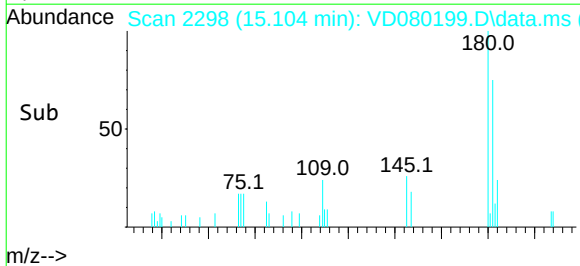
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

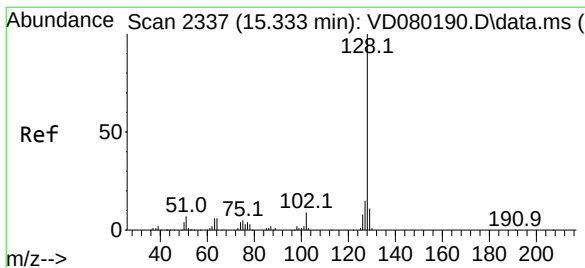


#70
1,2,4-trichlorobenzene
Concen: 1.339 ug/L
RT: 15.104 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53



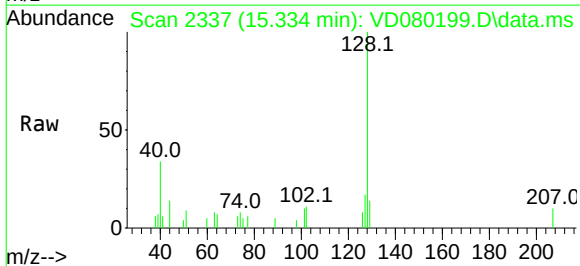
Tgt Ion	Ratio	Lower	Upper
180	100		
182	82.1	76.9	115.3
145	24.9	23.5	35.3





#71
Naphthalene
Concen: 1.181 ug/L
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

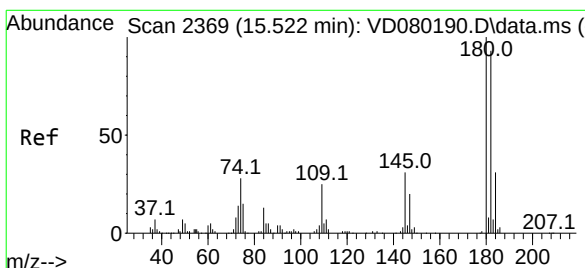
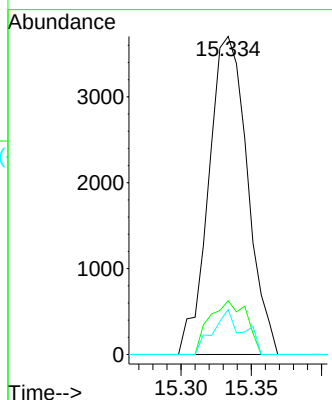
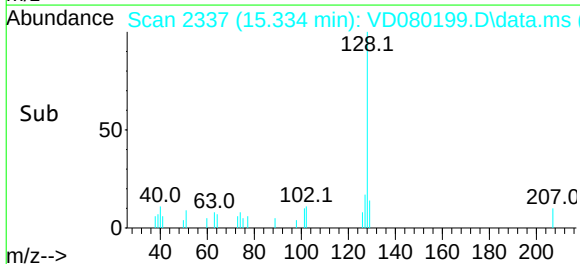
Instrument : MSVOA_D
ClientSampleId : MDL01



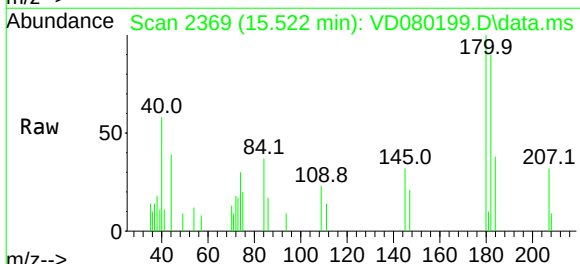
Tgt Ion:128 Resp: 7099
Ion Ratio Lower Upper
128 100
127 16.2 11.5 17.3
129 8.0 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#72
1,2,3-Trichlorobenzene
Concen: 1.036 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53



Tgt Ion:180 Resp: 3286
Ion Ratio Lower Upper
180 100
182 108.1 74.8 112.2
145 32.6 24.2 36.4

