

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010925\
 Data File : VD080201.D
 Acq On : 09 Jan 2025 18:48
 Operator : RP/MD
 Sample : MDL03
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL03

Manual Integrations
 APPROVED

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

Quant Time: Jan 10 00:10:16 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	220605	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	219600	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	96661	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.275	65	164768	25.466	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 101.880%	
7) Chloroethane-d5	2.805	69	139605	26.551	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 106.200%	
11) 1,1-Dichloroethene-d2	3.928	65	37842	24.238	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 96.960%	
21) 2-Butanone-d5	6.993	46	32411	43.303	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 86.600%	
24) Chloroform-d	7.569	84	163383	23.601	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 94.400%	
26) 1,2-Dichloroethane-d4	8.234	65	94167	25.969	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 103.880%	
32) Benzene-d6	8.210	84	331756	23.401	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 93.600%	
36) 1,2-Dichloropropane-d6	9.210	67	112038	23.878	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 95.520%	
41) Toluene-d8	10.269	98	308285	23.860	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 95.440%	
43) trans-1,3-Dichloroprop...	10.528	79	43844	22.869	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 91.480%	
47) 2-Hexanone-d5	10.875	63	27436	46.917	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 93.840%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	83224	23.670	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 94.680%	
66) 1,2-Dichlorobenzene-d4	13.816	152	97105	26.724	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 106.880%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	6841	1.562	ug/L	95
3) Chloromethane	2.152	50	10250	1.717	ug/L	99
5) Vinyl chloride	2.287	62	12069	1.648	ug/L #	75
6) Bromomethane	2.705	94	6110	1.432	ug/L	85
8) Chloroethane	2.840	64	7232	1.610	ug/L	90
9) Trichlorofluoromethane	3.175	101	9495	1.560	ug/L	88
10) 1,1,2-Trichloro-1,2,2-...	3.981	101	6458	1.860	ug/L #	62
12) 1,1-Dichloroethene	3.946	96	5187	1.674	ug/L #	1
13) Acetone	4.028	43	2929m	4.947	ug/L	
14) Carbon disulfide	4.281	76	16457	1.425	ug/L	96
15) Methyl Acetate	4.575	43	2096m	1.415	ug/L	
17) trans-1,2-Dichloroethene	5.316	96	4594m	1.363	ug/L	
18) Methyl tert-butyl Ether	5.322	73	7952m	1.238	ug/L	
19) 1,1-Dichloroethane	6.116	63	8717m	1.339	ug/L	
20) cis-1,2-Dichloroethene	7.087	96	4865	1.372	ug/L #	77
22) 2-Butanone	7.104	43	3471m	4.115	ug/L	
23) Bromochloromethane	7.440	128	2623	1.530	ug/L	94
25) Chloroform	7.599	83	27042	3.749	ug/L	94
27) 1,2-Dichloroethane	8.328	62	6462	1.536	ug/L #	84

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 Supervised By :Semsettin Yesilyurt 01/10/2025

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.875	56	6298	1.140	ug/L #	59
30) 1,1,1-Trichloroethane	7.799	97	8131	1.398	ug/L	94
31) Carbon tetrachloride	7.993	117	6801	1.324	ug/L	96
33) Benzene	8.251	78	18971	1.270	ug/L	100
34) Trichloroethene	9.034	95	5311	1.373	ug/L	84
35) Methylcyclohexane	9.269	83	6928m	1.205	ug/L	
38) Bromodichloromethane	9.587	83	7070	1.386	ug/L #	89
39) cis-1,3-Dichloropropene	10.022	75	6785	1.180	ug/L	91
40) 4-Methyl-2-pentanone	10.163	43	5344	2.676	ug/L	98
42) Toluene	10.334	91	21210	1.359	ug/L	95
44) trans-1,3-Dichloropropene	10.557	75	8839	1.780	ug/L	97
45) 1,1,2-Trichloroethane	10.740	97	4142	1.394	ug/L #	75
46) Tetrachloroethene	10.816	164	3866	1.241	ug/L	78
48) 2-Hexanone	10.922	43	3990m	2.930	ug/L	
49) Dibromochloromethane	11.081	129	5236	1.583	ug/L	84
50) 1,2-Dibromoethane	11.181	107	3707	1.373	ug/L #	97
51) Chlorobenzene	11.610	112	14328	1.433	ug/L	92
52) Ethylbenzene	11.681	91	19403	1.159	ug/L	88
53) m,p-Xylene	11.792	106	7462	1.193	ug/L	85
54) o-Xylene	12.122	106	6696	1.144	ug/L	71
55) Styrene	12.134	104	11174	1.054	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	5325	1.581	ug/L #	95
59) Bromoform	12.292	173	2828	1.631	ug/L #	38
60) Isopropylbenzene	12.422	105	16284	1.208	ug/L #	94
61) 1,2,3-Trichloropropane	12.728	75	3011	1.473	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	12963	1.207	ug/L	97
63) 1,2,4-Trimethylbenzene	13.216	105	12081	1.153	ug/L	92
64) 1,3-Dichlorobenzene	13.457	146	9012	1.367	ug/L	92
65) 1,4-Dichlorobenzene	13.539	146	10237	1.503	ug/L	88
67) 1,2-Dichlorobenzene	13.834	146	8929	1.512	ug/L	88
68) 1,2-Dibromo-3-chloropr...	14.445	75	727m	1.636	ug/L	
69) 1,3,5-Trichlorobenzene	14.598	180	6562	1.463	ug/L	96
70) 1,2,4-trichlorobenzene	15.098	180	5287	1.445	ug/L #	97
71) Naphthalene	15.333	128	8991	1.396	ug/L #	96
72) 1,2,3-Trichlorobenzene	15.528	180	4661	1.371	ug/L	97

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

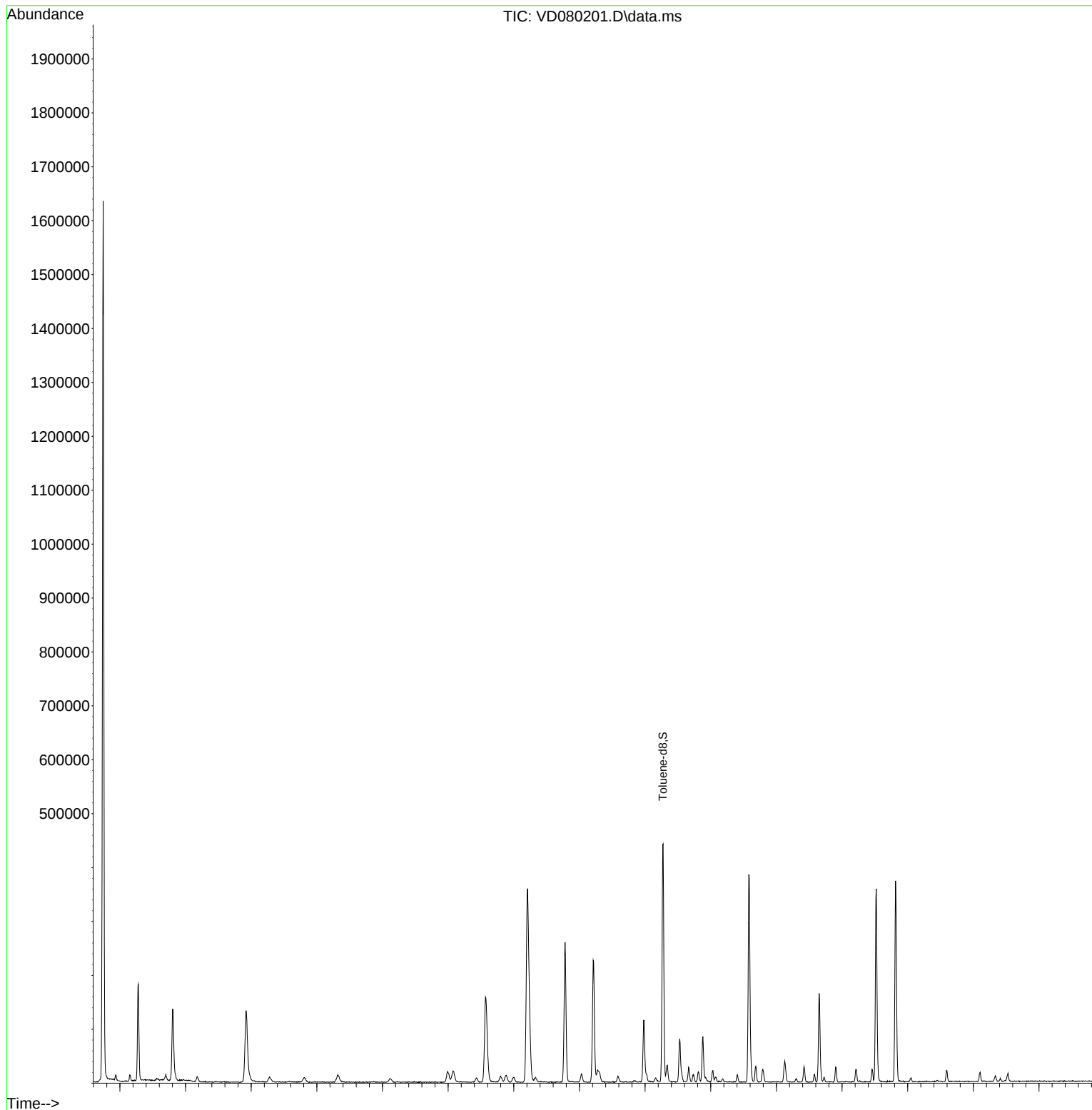
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010925\
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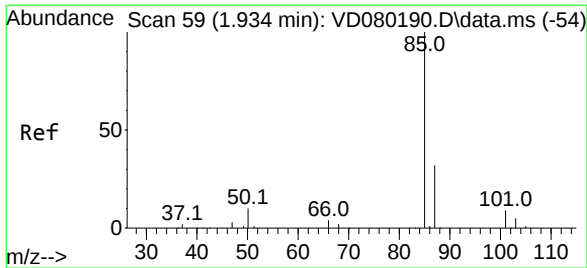
Instrument :
MSVOA_D
ClientSampleId :
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Supervised By :Semsettin Yesilyurt 01/10/2025

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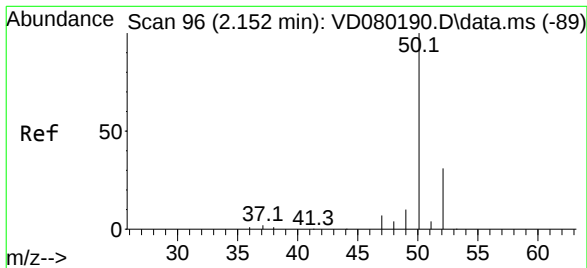
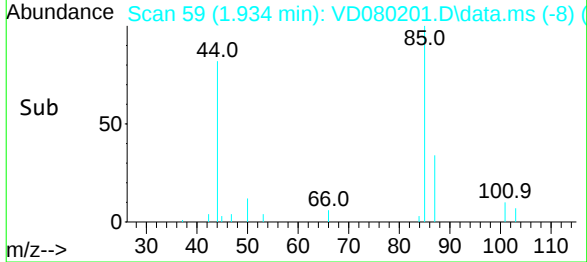
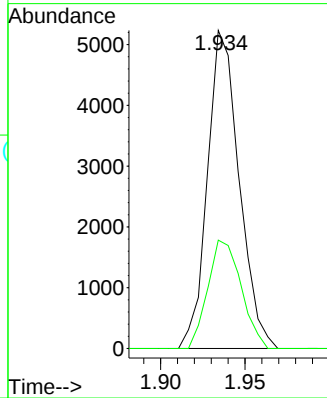
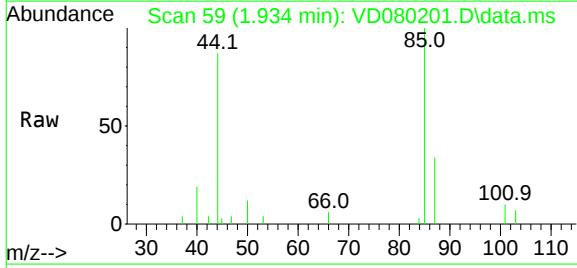
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Dichlorodifluoromethane
Concen: 1.562 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

Instrument :
MSVOA_D
ClientSampleId :
MDL03

Tgt Ion: 85 Resp: 6841
Ion Ratio Lower Upper
85 100
87 35.7 26.4 39.6

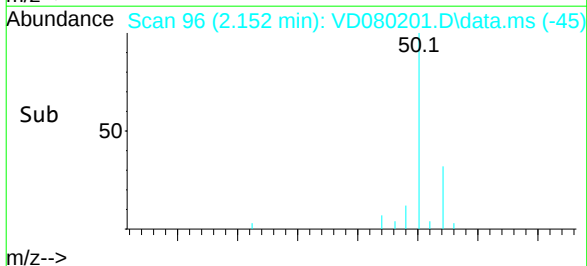
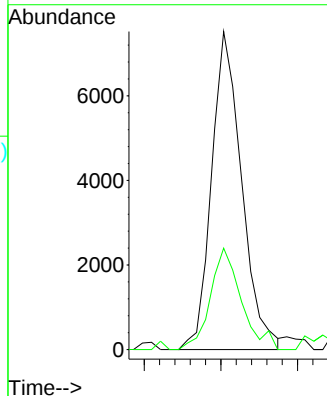
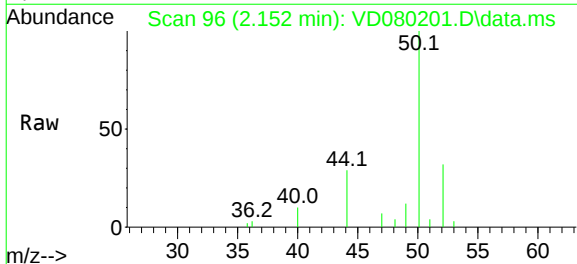
Manual Integrations
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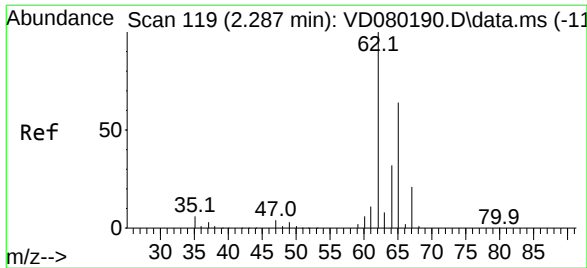
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#3
Chloromethane
Concen: 1.717 ug/L
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

Tgt Ion: 50 Resp: 10250
Ion Ratio Lower Upper
50 100
52 31.9 22.0 40.8





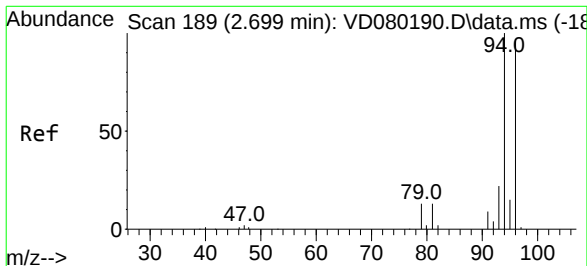
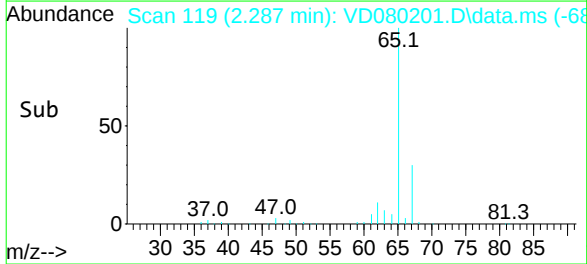
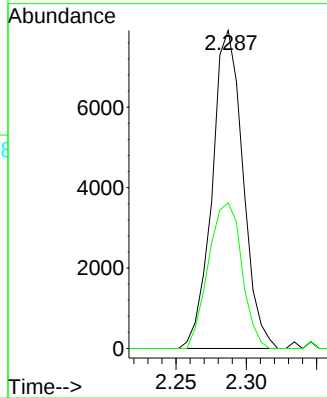
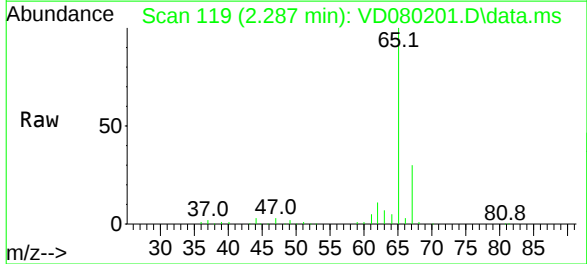
Vinyl chloride
 Concen: 1.648 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: VD080201.D
 Acq: 09 Jan 2025 18:48

Instrument : MSVOA_D
 ClientSampleId : MDL03

Tgt Ion: 62 Resp: 12069
 Ion Ratio Lower Upper
 62 100
 64 45.8 22.3 41.5#

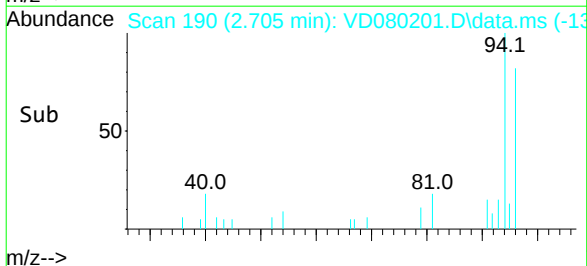
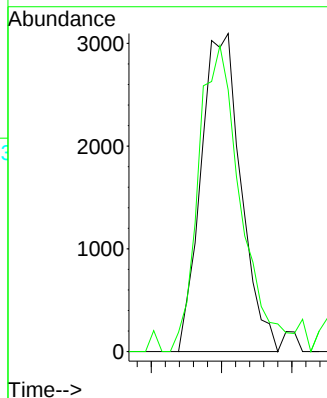
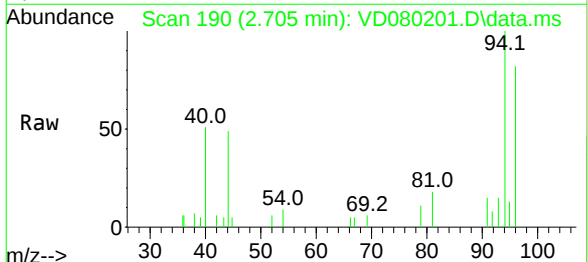
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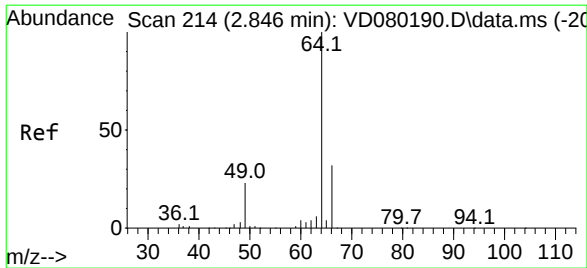
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025



Bromomethane
 Concen: 1.432 ug/L
 RT: 2.705 min Scan# 190
 Delta R.T. 0.006 min
 Lab File: VD080201.D
 Acq: 09 Jan 2025 18:48

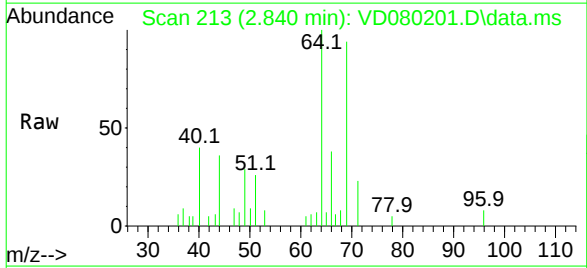
Tgt Ion: 94 Resp: 6110
 Ion Ratio Lower Upper
 94 100
 96 82.3 67.7 125.7





#8
Chloroethane
Concen: 1.610 ug/L
RT: 2.840 min Scan# 214
Delta R.T. -0.006 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

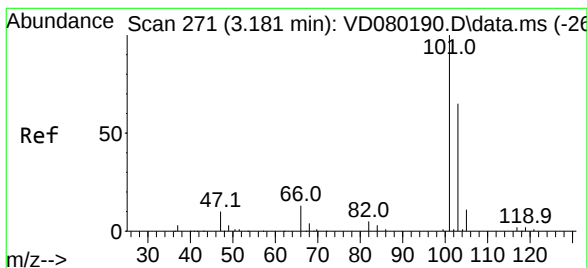
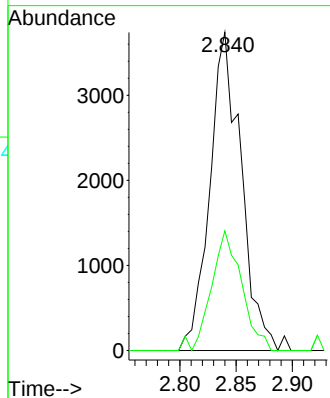
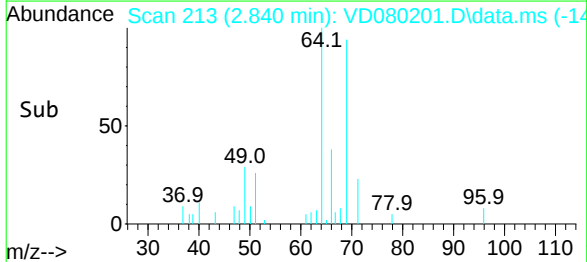
Instrument : MSVOA_D
ClientSampleId : MDL03



Tgt Ion: 64 Resp: 7232
Ion Ratio Lower Upper
64 100
66 37.6 22.3 41.5

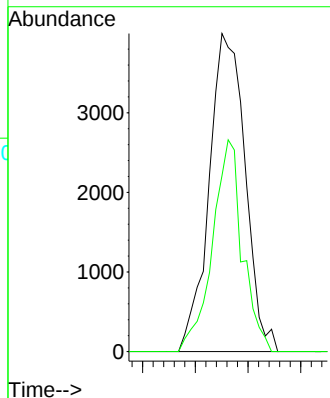
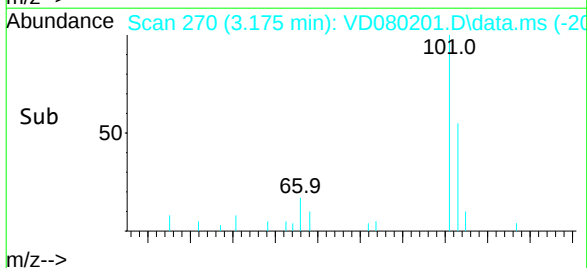
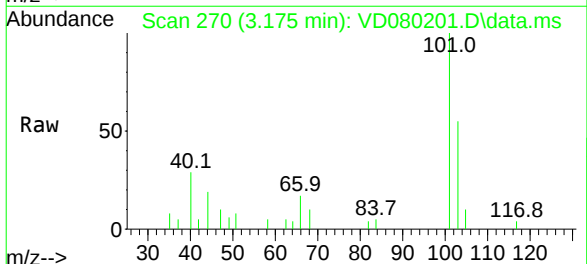
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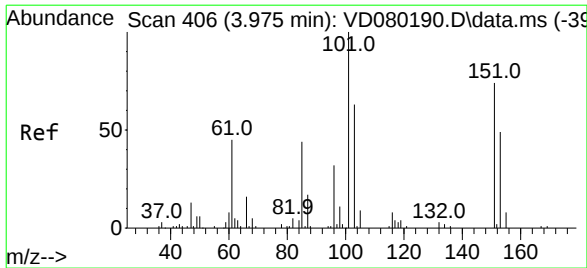
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#9
Trichlorofluoromethane
Concen: 1.560 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.006 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

Tgt Ion:101 Resp: 9495
Ion Ratio Lower Upper
101 100
103 55.4 52.2 78.2





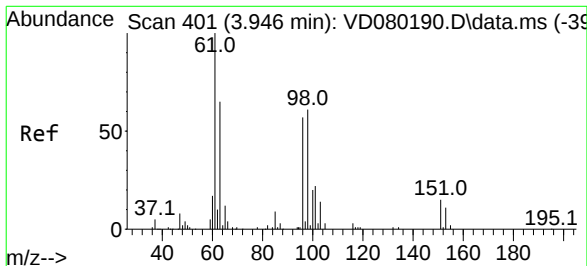
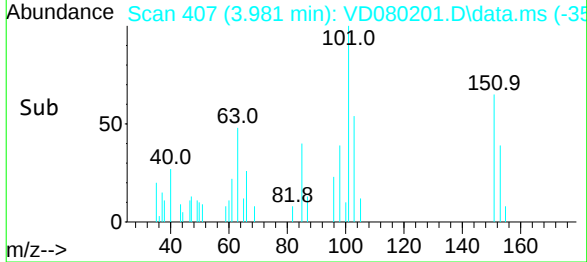
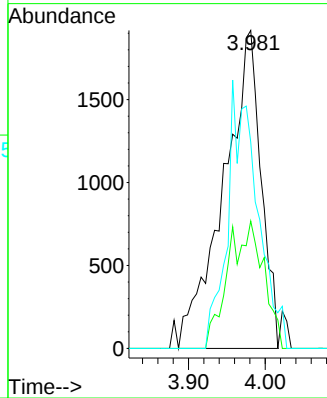
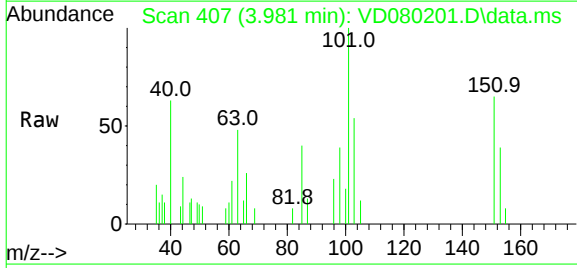
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.860 ug/L
RT: 3.981 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

Instrument :
MSVOA_D
ClientSampleId :
MDL03

Tgt Ion: 101 Resp: 6458
Ion Ratio Lower Upper
101 100
85 23.8 35.6 53.4#
151 40.1 60.0 90.0#

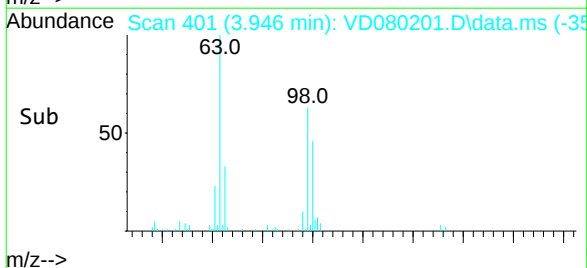
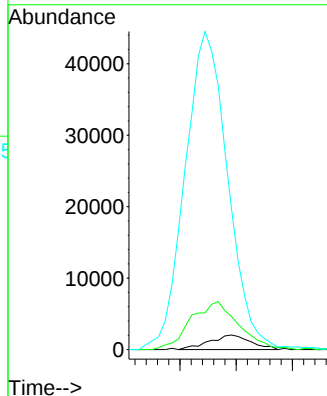
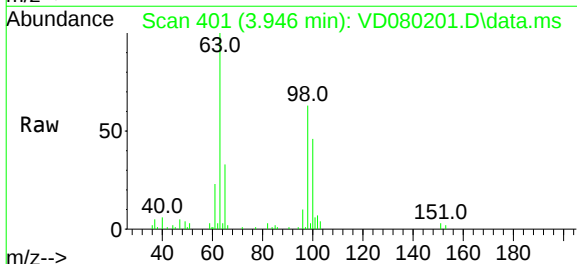
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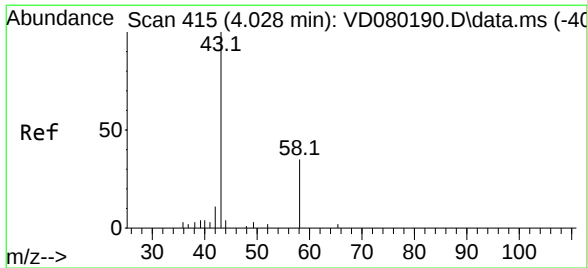
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#12
1,1-Dichloroethene
Concen: 1.674 ug/L
RT: 3.946 min Scan# 401
Delta R.T. -0.000 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

Tgt Ion: 96 Resp: 5187
Ion Ratio Lower Upper
96 100
61 227.2 123.1 228.7
63 968.8 89.6 166.4#





#13

Acetone

Concen: 4.947 ug/L m

RT: 4.028 min Scan# 41

Delta R.T. -0.000 min

Lab File: VD080201.D

Acq: 09 Jan 2025 18:48

Instrument :

MSVOA_D

ClientSampleId :

MDL03

Tgt Ion: 43 Resp: 2929

Ion Ratio Lower Upper

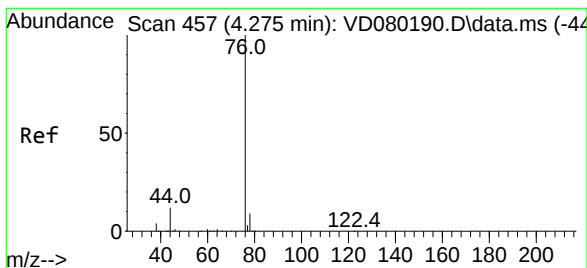
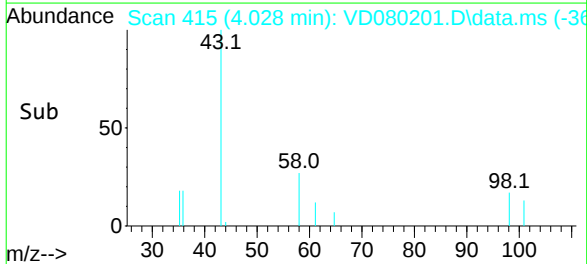
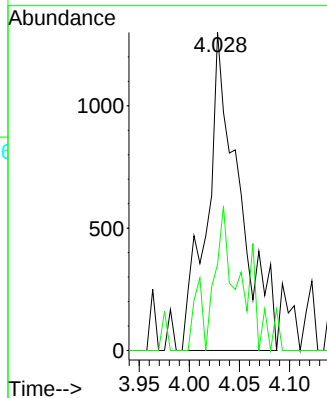
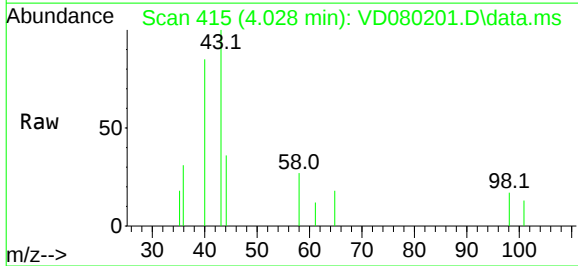
43 100

58 20.8 0.0 52.8

Manual Integrations

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#14

Carbon disulfide

Concen: 1.425 ug/L

RT: 4.281 min Scan# 458

Delta R.T. 0.006 min

Lab File: VD080201.D

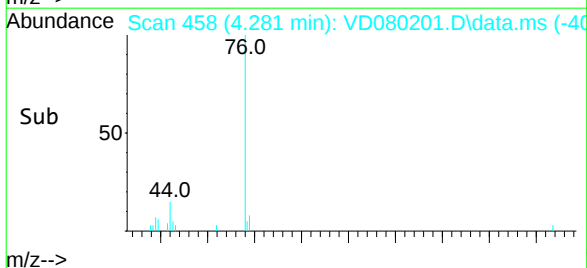
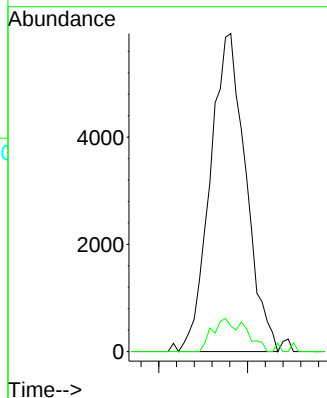
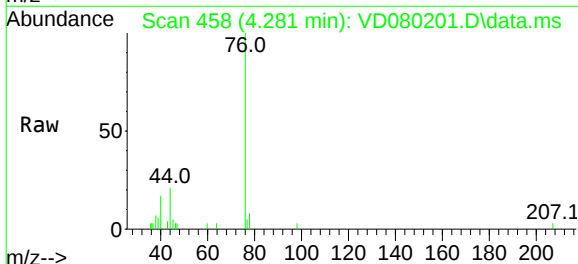
Acq: 09 Jan 2025 18:48

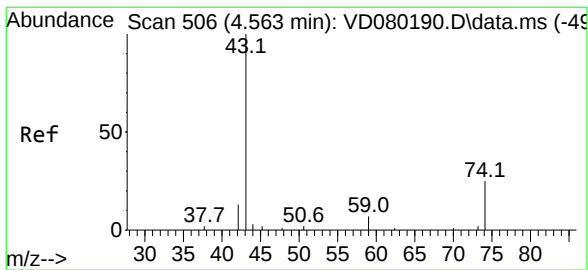
Tgt Ion: 76 Resp: 16457

Ion Ratio Lower Upper

76 100

78 8.1 7.5 11.3





#15
Methyl Acetate
Concen: 1.415 ug/L m
RT: 4.575 min Scan# 506
Delta R.T. 0.012 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

Instrument :

MSVOA_D

ClientSampleId :

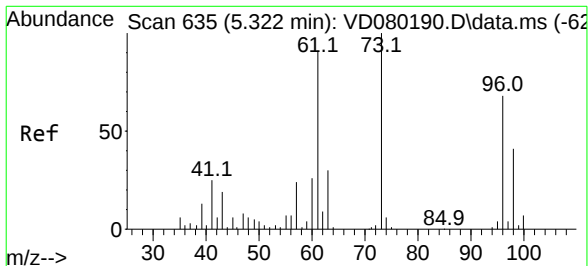
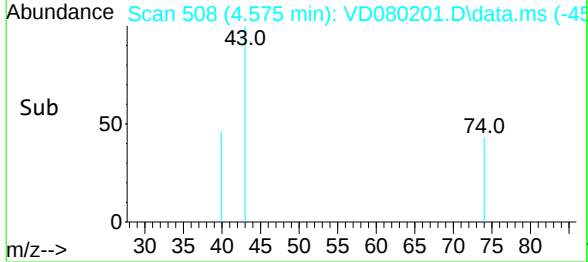
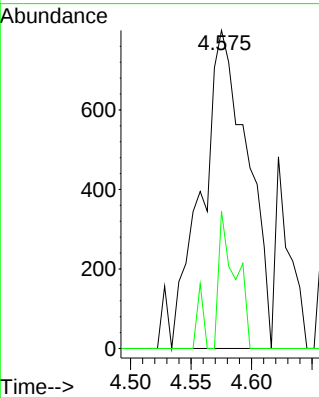
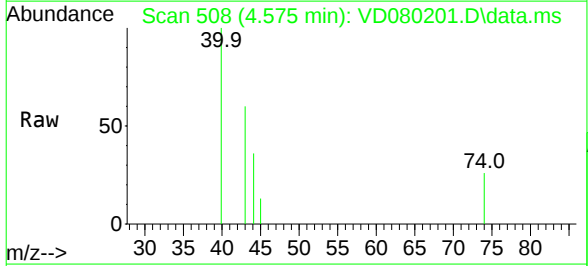
MDL03

Tgt Ion: 43 Resp: 2096
Ion Ratio Lower Upper
43 100
74 0.0 10.1 15.1#

Manual Integrations

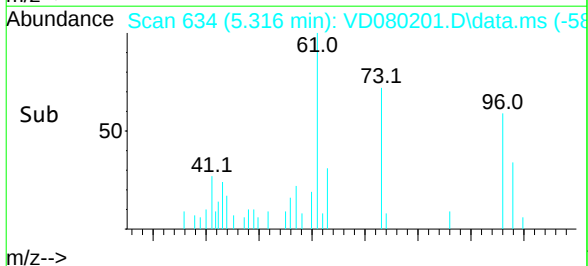
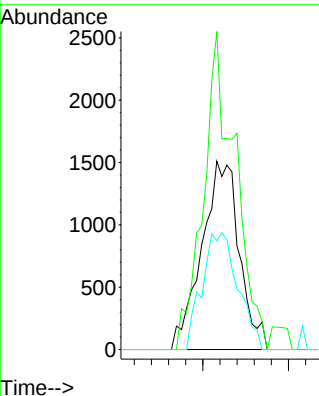
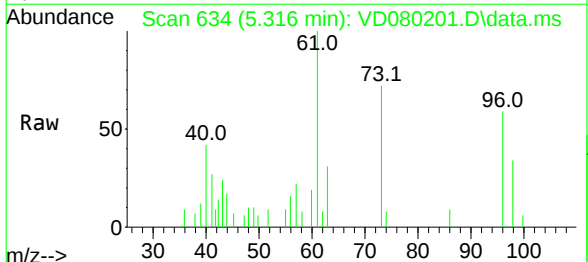
APPROVED

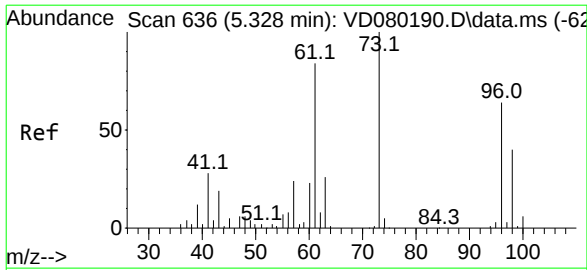
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#17
trans-1,2-Dichloroethene
Concen: 1.363 ug/L m
RT: 5.316 min Scan# 634
Delta R.T. -0.006 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

Tgt Ion: 96 Resp: 4594
Ion Ratio Lower Upper
96 100
61 168.8 93.7 173.9
98 57.8 42.1 78.1





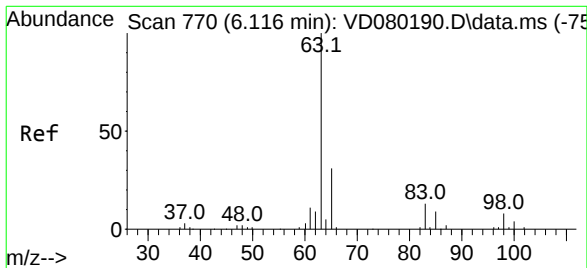
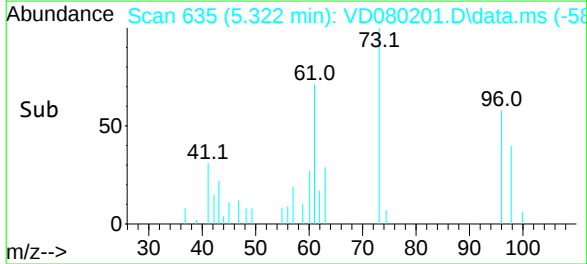
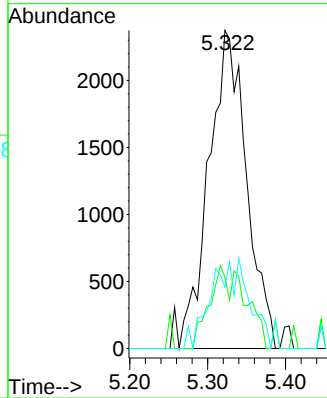
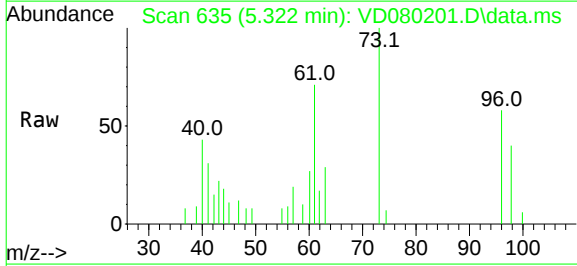
#18
Methyl tert-butyl Ether
Concen: 1.238 ug/L m
RT: 5.322 min Scan# 63
Delta R.T. -0.006 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

Instrument :
MSVOA_D
ClientSampleId :
MDL03

Tgt Ion: 73 Resp: 7952
Ion Ratio Lower Upper
73 100
43 13.4 16.6 24.8#
57 4.6 18.9 28.3#

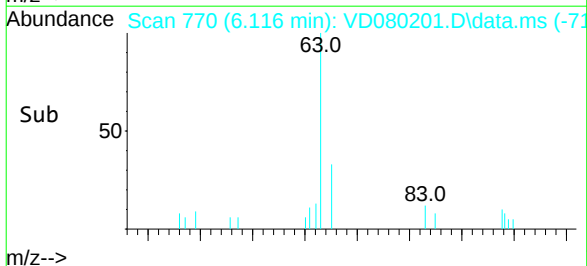
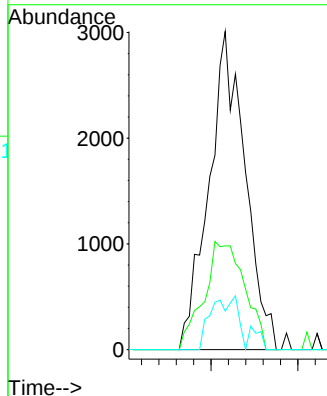
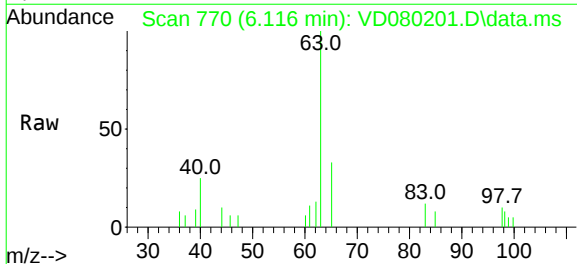
Manual Integrations
APPROVED

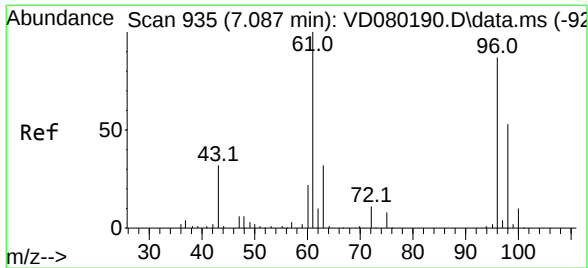
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#19
1,1-Dichloroethane
Concen: 1.339 ug/L m
RT: 6.116 min Scan# 770
Delta R.T. -0.000 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

Tgt Ion: 63 Resp: 8717
Ion Ratio Lower Upper
63 100
65 32.6 21.7 40.3
83 12.1 8.8 16.4





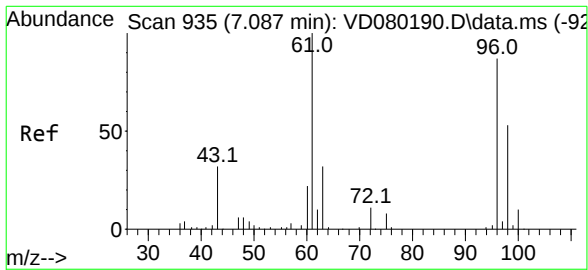
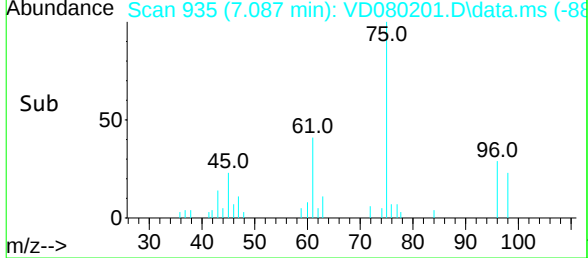
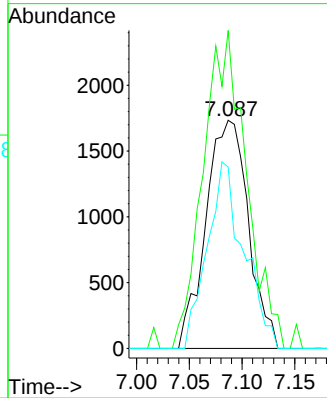
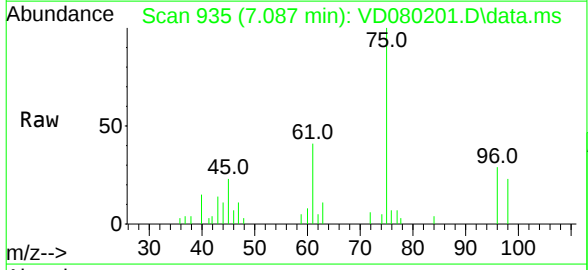
#20
cis-1,2-Dichloroethene
Concen: 1.372 ug/L
RT: 7.087 min Scan# 935
Delta R.T. -0.000 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

Instrument :
MSVOA_D
ClientSampleId :
MDL03

Tgt Ion: 96 Resp: 4865
Ion Ratio Lower Upper
96 100
61 139.4 80.8 150.0
98 79.5 42.6 79.0

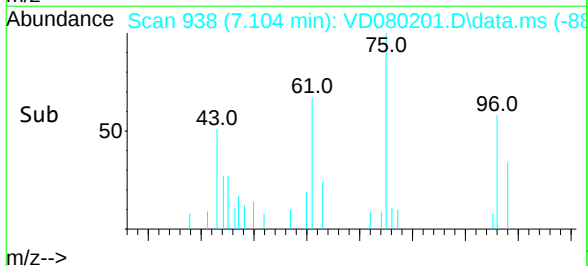
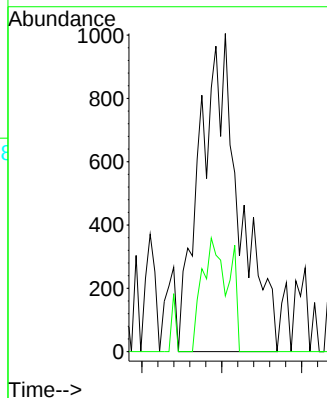
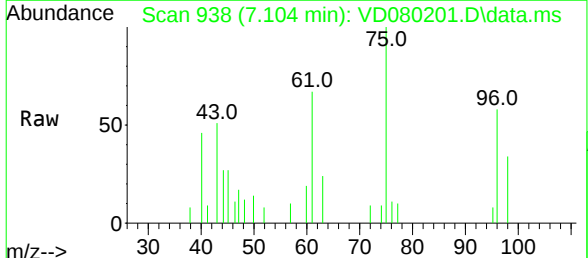
Manual Integrations
APPROVED

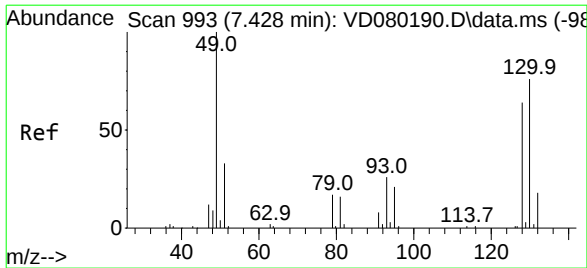
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#22
2-Butanone
Concen: 4.115 ug/L m
RT: 7.104 min Scan# 938
Delta R.T. 0.018 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

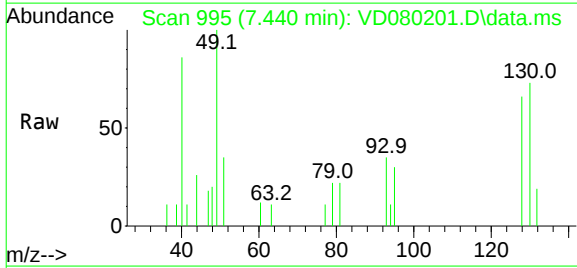
Tgt Ion: 43 Resp: 3471
Ion Ratio Lower Upper
43 100
72 18.2 14.0 42.0





#23
Bromochloromethane
Concen: 1.530 ug/L
RT: 7.440 min Scan# 993
Delta R.T. 0.012 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

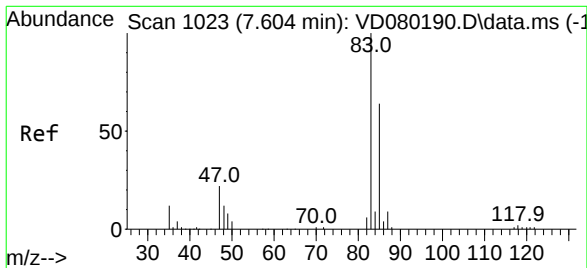
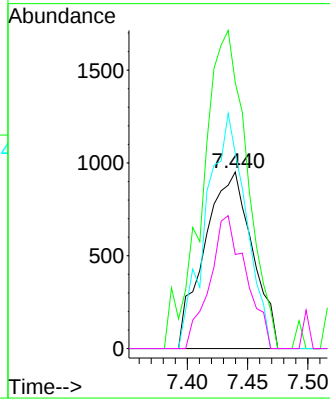
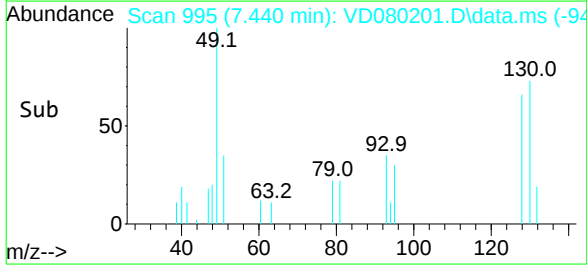
Instrument :
MSVOA_D
ClientSampleId :
MDL03



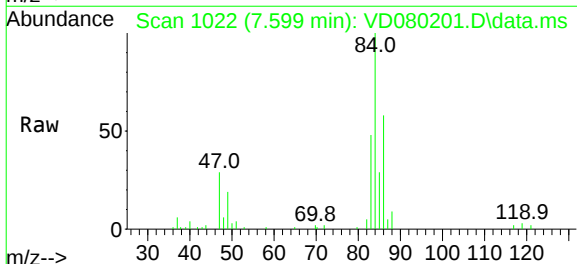
Tgt Ion: 128 Resp: 2623
Ion Ratio Lower Upper
128 100
49 150.7 110.7 205.7
130 110.5 83.1 154.3
51 53.3 42.0 63.0

Manual Integrations
APPROVED

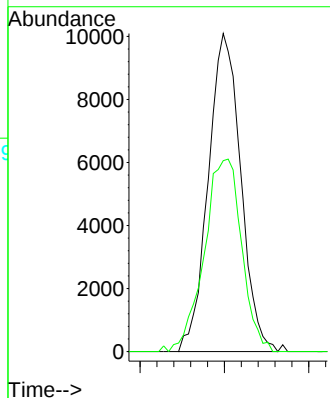
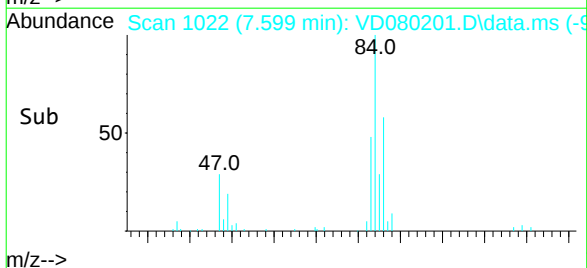
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

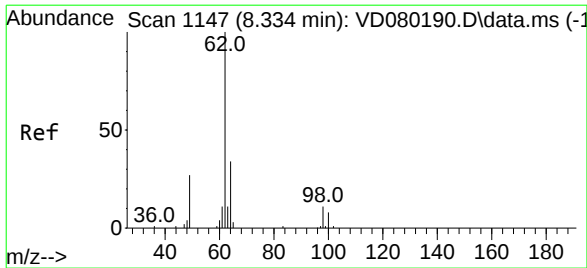


#25
Chloroform
Concen: 3.749 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48



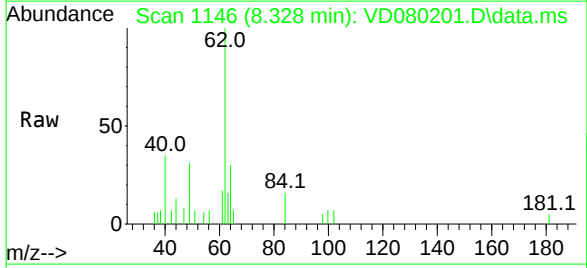
Tgt Ion: 83 Resp: 27042
Ion Ratio Lower Upper
83 100
85 60.0 45.1 83.9





#27
1,2-Dichloroethane
Concen: 1.536 ug/L
RT: 8.328 min Scan# 1147
Delta R.T. -0.006 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

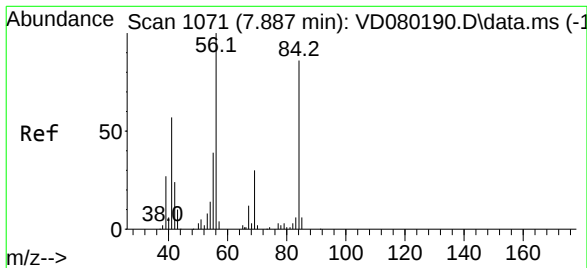
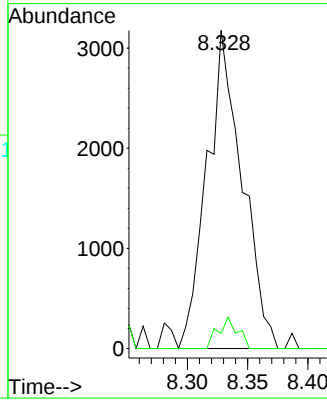
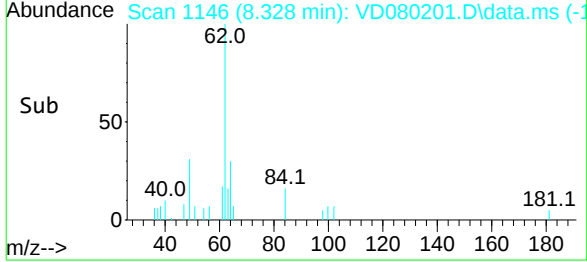
Instrument :
MSVOA_D
ClientSampleId :
MDL03



Tgt Ion: 62 Resp: 6462
Ion Ratio Lower Upper
62 100
98 4.8 8.6 13.0#

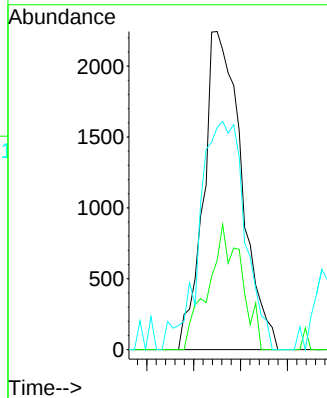
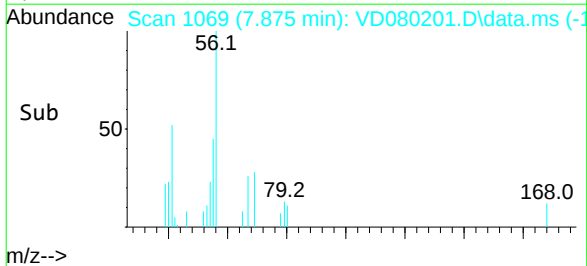
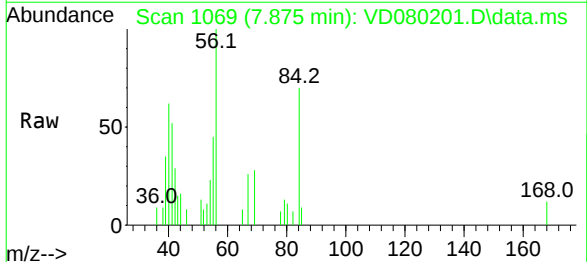
Manual Integrations
APPROVED

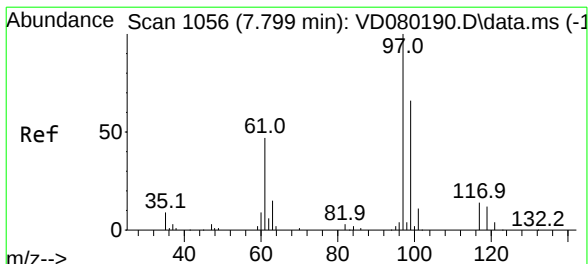
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#29
Cyclohexane
Concen: 1.140 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.012 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

Tgt Ion: 56 Resp: 6298
Ion Ratio Lower Upper
56 100
69 12.8 24.2 36.4#
84 45.3 68.8 103.2#





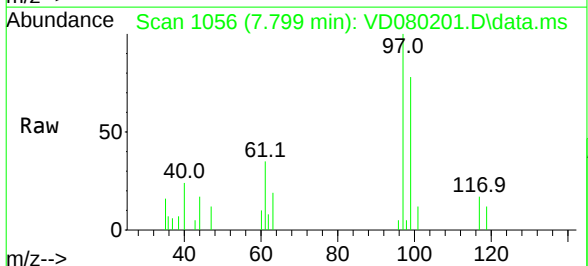
#30
 1,1,1-Trichloroethane
 Concen: 1.398 ug/L
 RT: 7.799 min Scan# 1089
 Delta R.T. -0.000 min
 Lab File: VD080201.D
 Acq: 09 Jan 2025 18:48

Instrument :

MSVOA_D

ClientSampleId :

MDL03

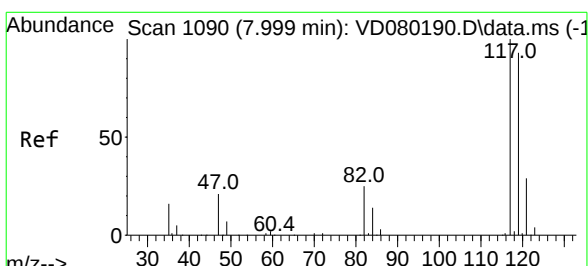
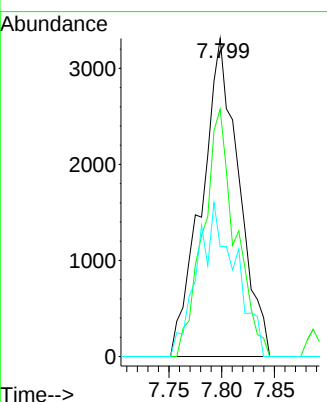
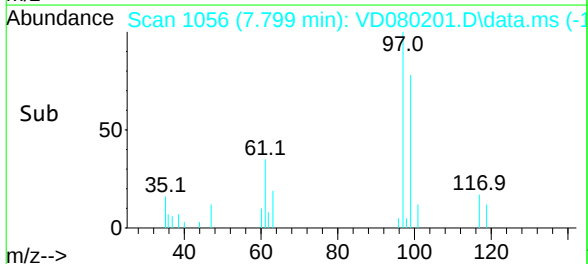


Tgt Ion:	97	Resp:	8131
Ion	Ratio	Lower	Upper
97	100		
99	67.3	51.7	77.5
61	39.1	35.8	53.6

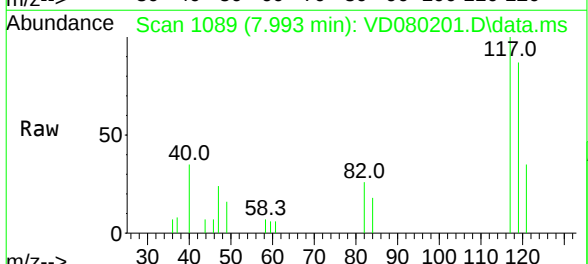
Manual Integrations

APPROVED

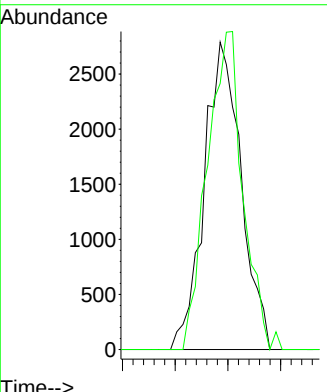
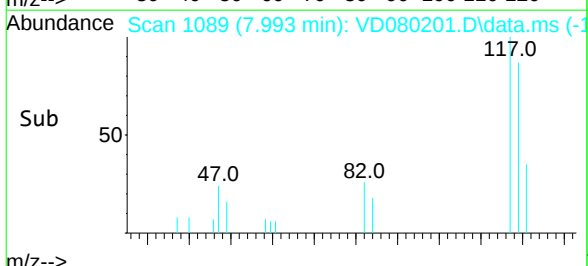
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

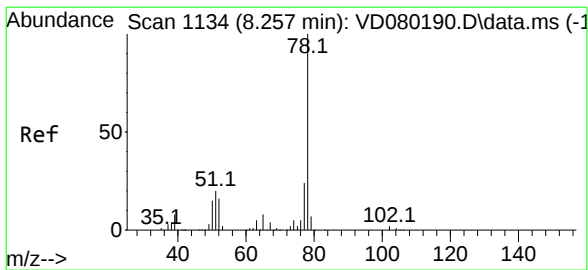


#31
 Carbon tetrachloride
 Concen: 1.324 ug/L
 RT: 7.993 min Scan# 1089
 Delta R.T. -0.006 min
 Lab File: VD080201.D
 Acq: 09 Jan 2025 18:48



Tgt Ion:	117	Resp:	6801
Ion	Ratio	Lower	Upper
117	100		
119	98.9	75.8	113.8





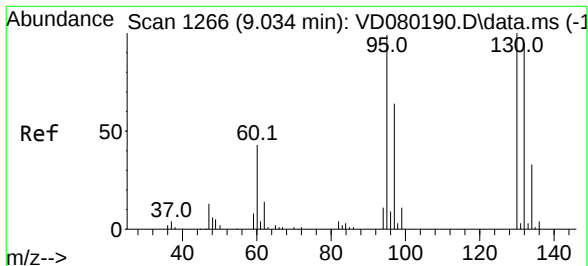
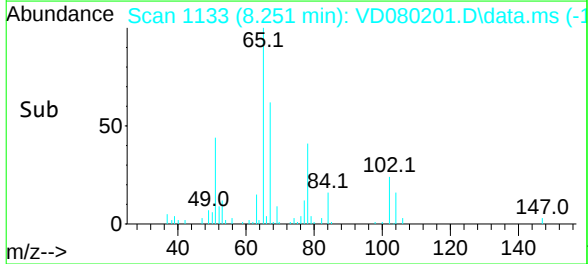
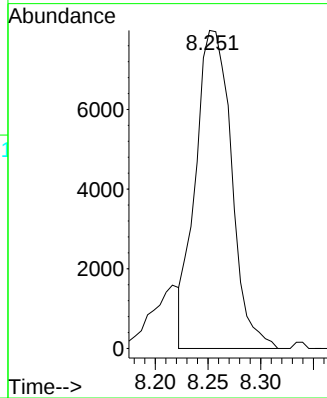
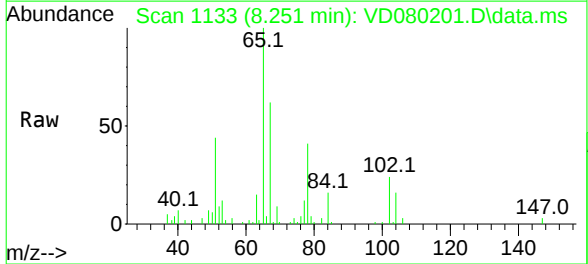
#33
Benzene
Concen: 1.270 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

Instrument : MSVOA_D
ClientSampleId : MDL03

Tgt Ion: 78 Resp: 18971

Manual Integrations
APPROVED

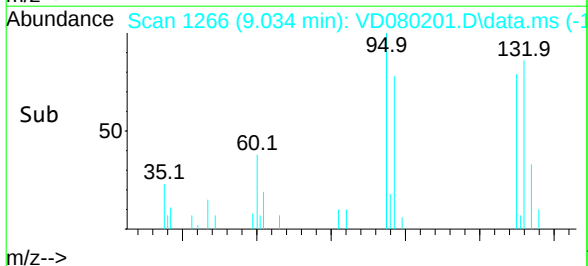
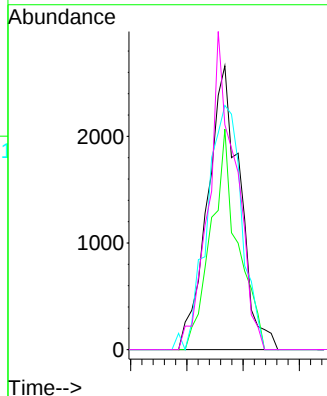
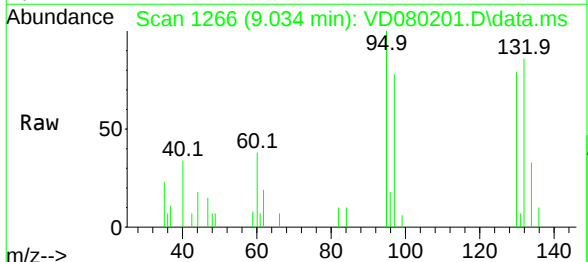
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

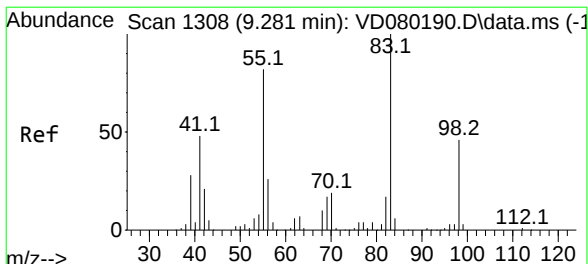


#34
Trichloroethene
Concen: 1.373 ug/L
RT: 9.034 min Scan# 1266
Delta R.T. -0.000 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

Tgt Ion: 95 Resp: 5311

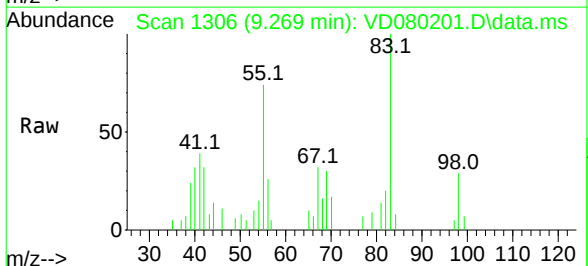
Ion	Ratio	Lower	Upper
95	100		
97	77.7	45.6	84.6
132	86.1	67.2	124.8
130	79.3	71.0	131.8





#35
Methylcyclohexane
Concen: 1.205 ug/L m
RT: 9.269 min Scan# 1306
Delta R.T. -0.012 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

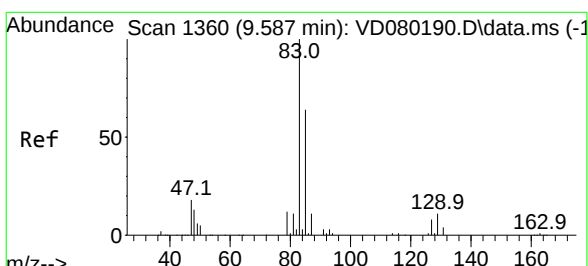
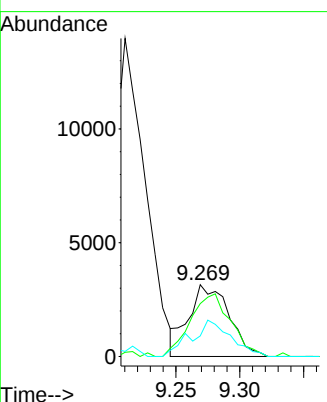
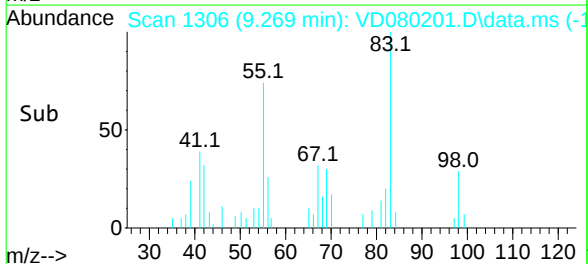
Instrument : MSVOA_D
ClientSampleId : MDL03



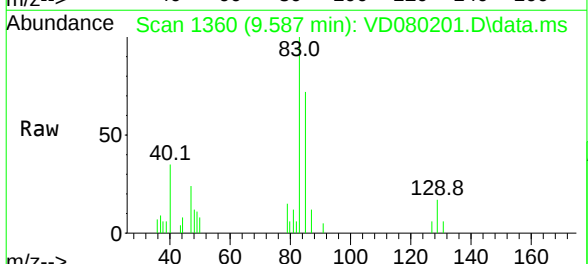
Tgt Ion: 83 Resp: 6928

Ion	Ratio	Lower	Upper
83	100		
55	87.8	65.6	98.4
98	37.2	37.7	56.5#

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

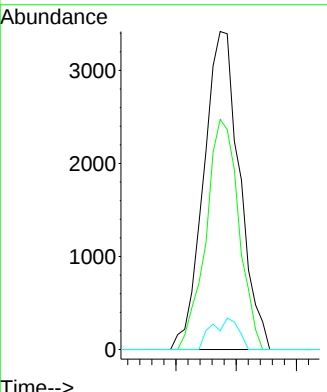
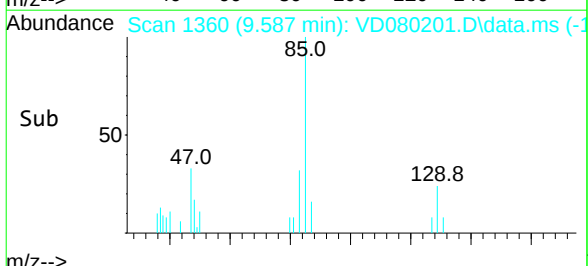


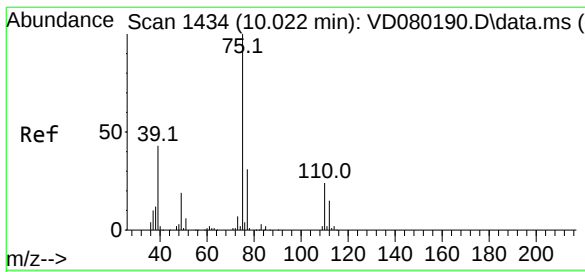
#38
Bromodichloromethane
Concen: 1.386 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48



Tgt Ion: 83 Resp: 7070

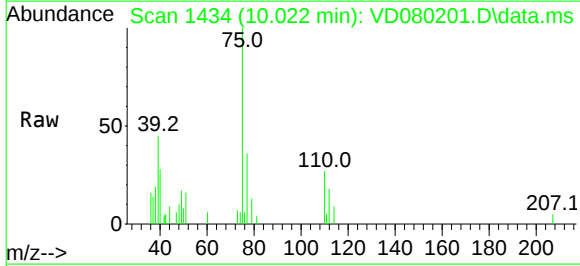
Ion	Ratio	Lower	Upper
83	100		
85	72.4	44.6	82.8
127	5.9	6.7	10.1#





#39
cis-1,3-Dichloropropene
Concen: 1.180 ug/L
RT: 10.022 min Scan# 1434
Delta R.T. -0.000 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

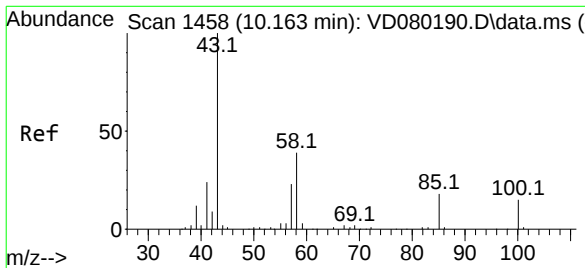
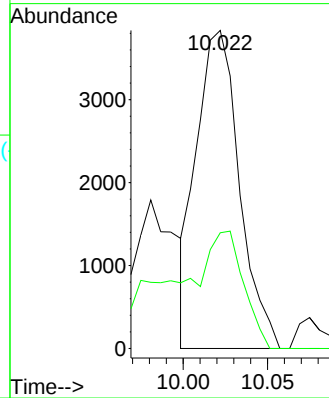
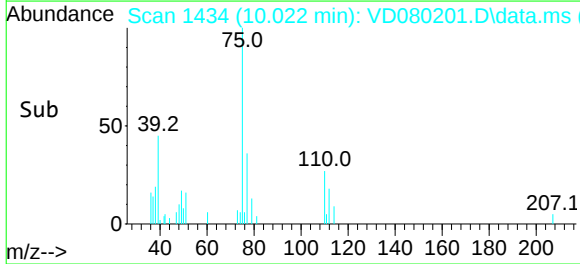
Instrument :
MSVOA_D
ClientSampleId :
MDL03



Tgt Ion: 75 Resp: 6785
Ion Ratio Lower Upper
75 100
77 36.4 22.0 40.8

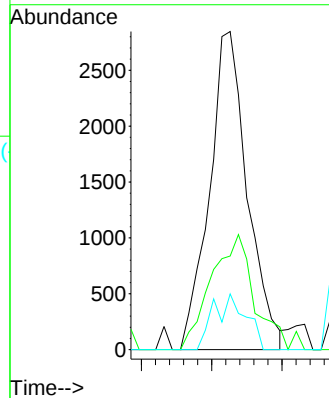
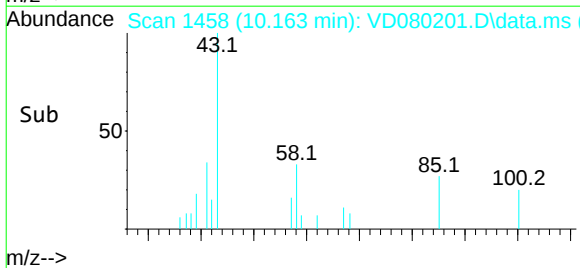
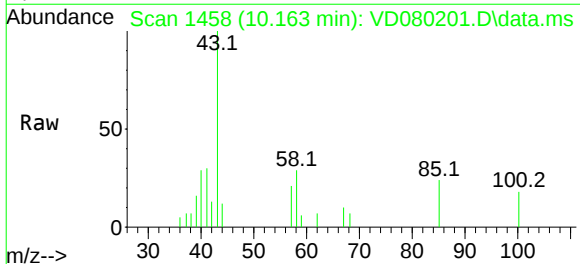
Manual Integrations
APPROVED

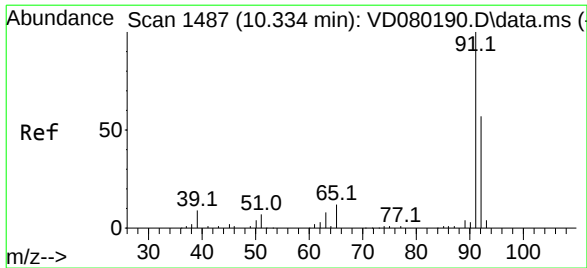
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#40
4-Methyl-2-pentanone
Concen: 2.676 ug/L
RT: 10.163 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

Tgt Ion: 43 Resp: 5344
Ion Ratio Lower Upper
43 100
58 37.8 31.0 46.6
100 13.1 12.1 18.1





#42

Toluene

Concen: 1.359 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD080201.D

Acq: 09 Jan 2025 18:48

Instrument :

MSVOA_D

ClientSampleId :

MDL03

Tgt Ion: 91 Resp: 21210

Ion Ratio Lower Upper

91 100

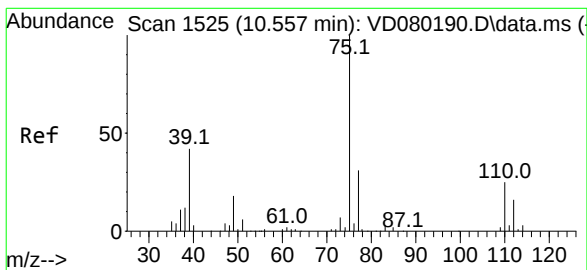
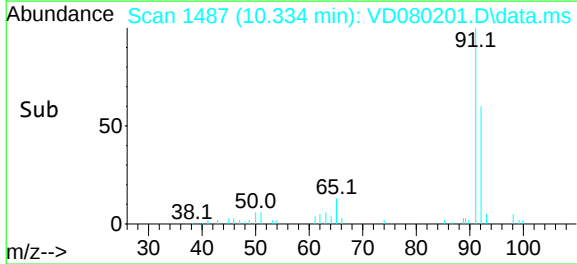
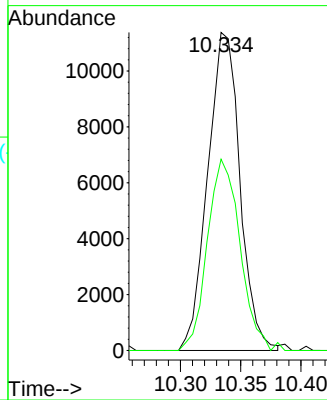
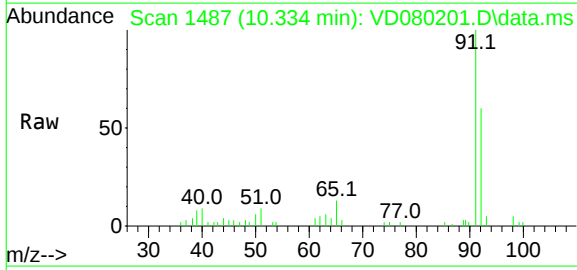
92 60.1 39.8 73.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#44

trans-1,3-Dichloropropene

Concen: 1.780 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. -0.000 min

Lab File: VD080201.D

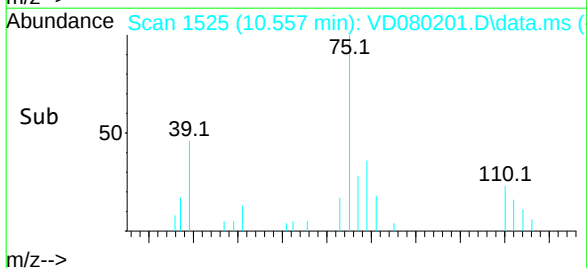
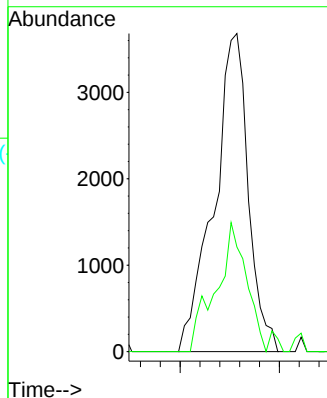
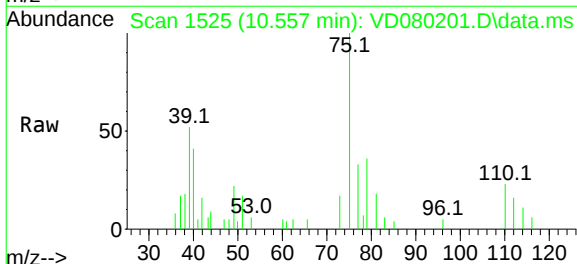
Acq: 09 Jan 2025 18:48

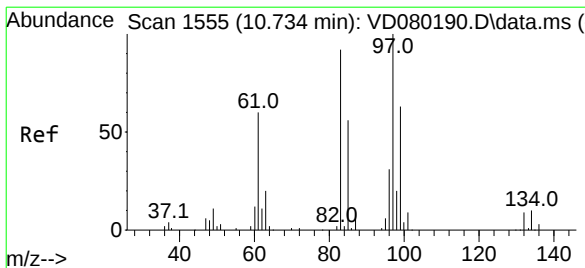
Tgt Ion: 75 Resp: 8839

Ion Ratio Lower Upper

75 100

77 32.9 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 1.394 ug/L

RT: 10.740 min Scan# 1555

Delta R.T. 0.006 min

Lab File: VD080201.D

Acq: 09 Jan 2025 18:48

Instrument :

MSVOA_D

ClientSampleId :

MDL03

Tgt Ion: 97 Resp: 4142

Ion Ratio Lower Upper

97 100

99 59.4 44.0 81.8

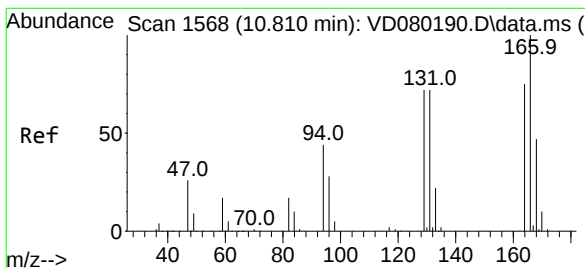
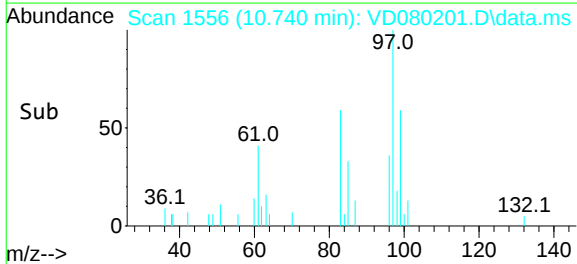
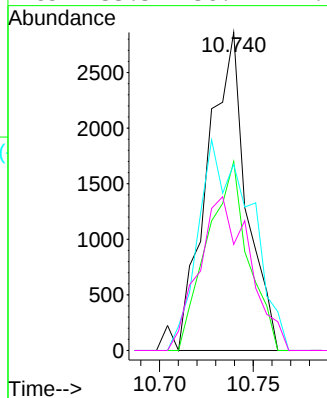
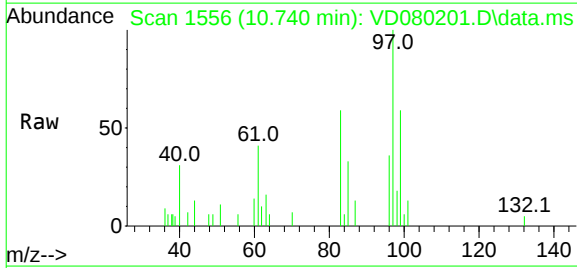
83 58.5 64.4 119.6

85 33.3 38.9 72.3

Manual Integrations

APPROVED

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



#46

Tetrachloroethene

Concen: 1.241 ug/L

RT: 10.816 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VD080201.D

Acq: 09 Jan 2025 18:48

Tgt Ion:164 Resp: 3866

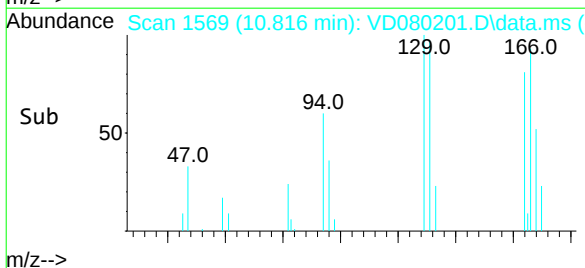
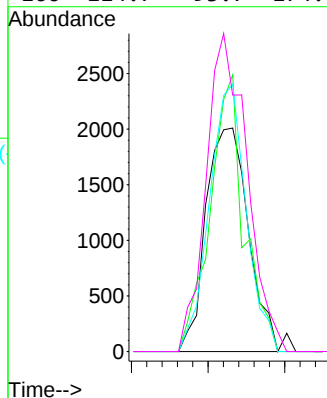
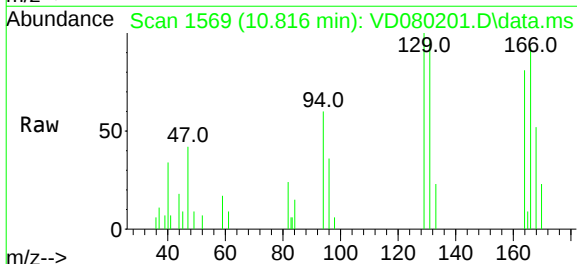
Ion Ratio Lower Upper

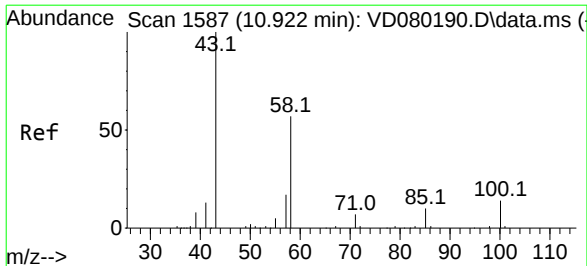
164 100

129 123.8 67.8 125.8

131 119.7 67.6 125.6

166 114.7 93.7 174.1





#48

2-Hexanone

Concen: 2.930 ug/L m

RT: 10.922 min Scan# 15

Delta R.T. -0.000 min

Lab File: VD080201.D

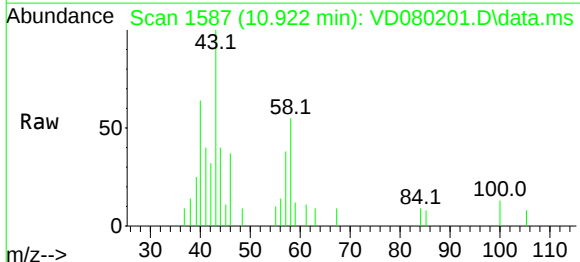
Acq: 09 Jan 2025 18:48

Instrument :

MSVOA_D

ClientSampleId :

MDL03

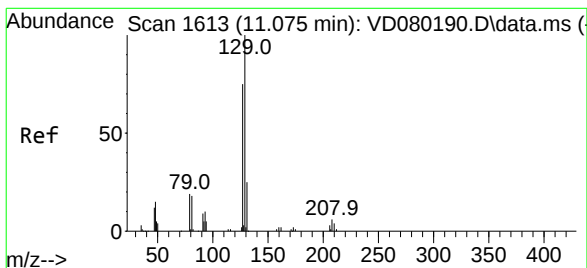
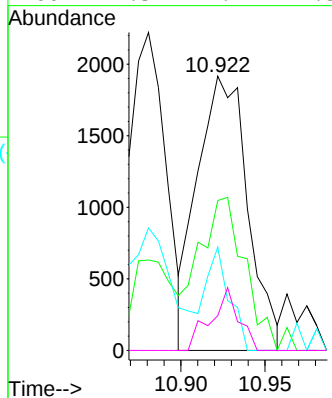
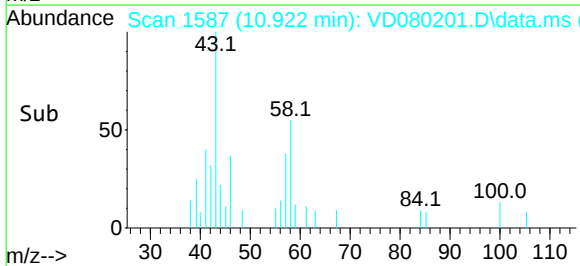


Tgt Ion:	43	Resp:	3990
Ion	Ratio	Lower	Upper
43	100		
58	50.9	42.5	63.7
57	16.7	15.5	23.3
100	9.3	9.7	14.5#

Manual Integrations

APPROVED

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



#49

Dibromochloromethane

Concen: 1.583 ug/L

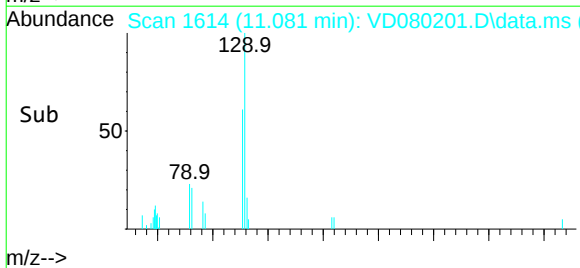
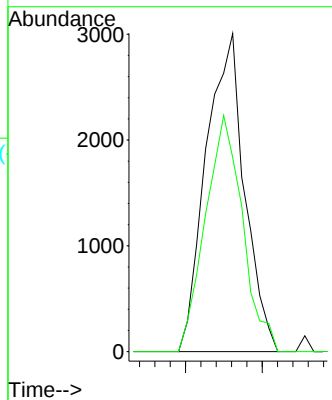
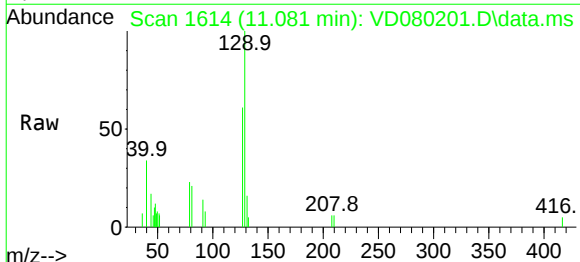
RT: 11.081 min Scan# 1614

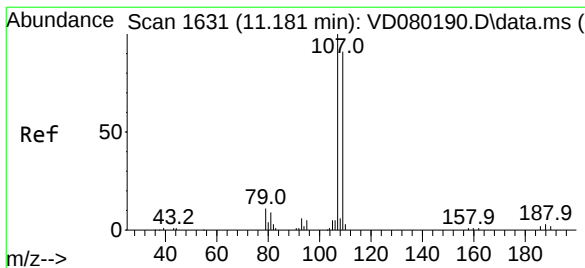
Delta R.T. 0.006 min

Lab File: VD080201.D

Acq: 09 Jan 2025 18:48

Tgt Ion:	129	Resp:	5236
Ion	Ratio	Lower	Upper
129	100		
127	61.0	52.3	97.1





#50

1,2-Dibromoethane

Concen: 1.373 ug/L

RT: 11.181 min Scan# 1631

Delta R.T. -0.000 min

Lab File: VD080201.D

Acq: 09 Jan 2025 18:48

Instrument :

MSVOA_D

ClientSampleId :

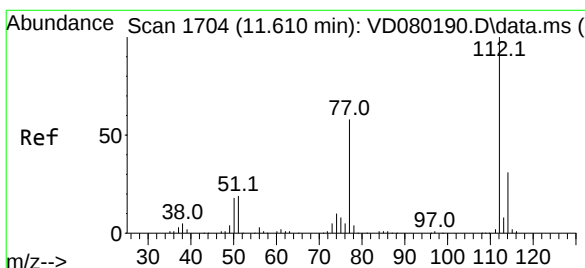
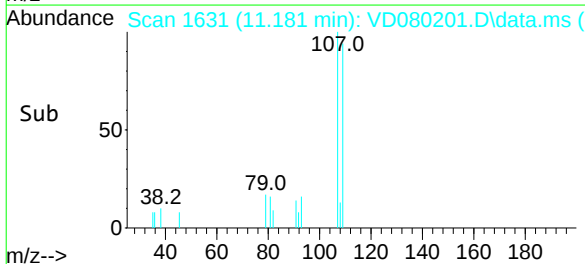
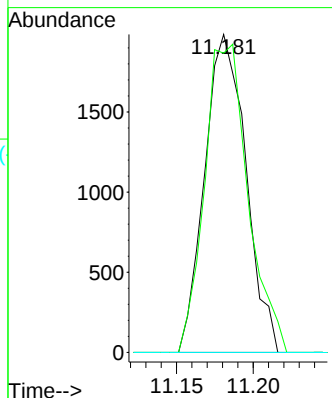
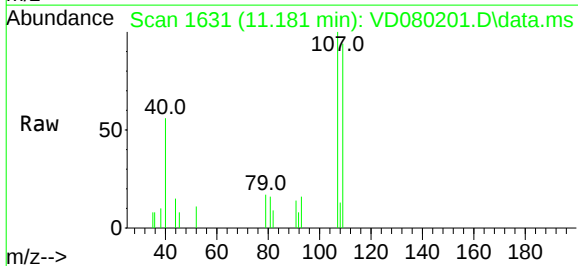
MDL03

Tgt Ion:	107	Resp:	3707
Ion Ratio	Lower	Upper	
107	100		
109	94.1	63.8	118.6
188	0.0	2.8	4.2#

Manual Integrations

APPROVED

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



#51

Chlorobenzene

Concen: 1.433 ug/L

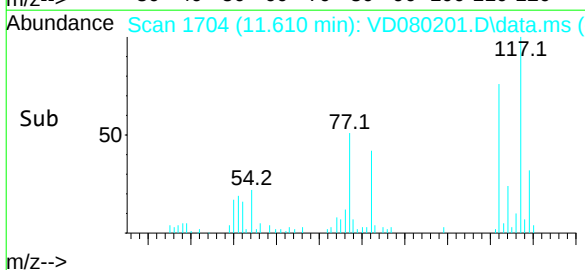
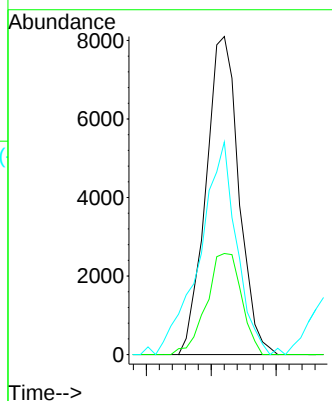
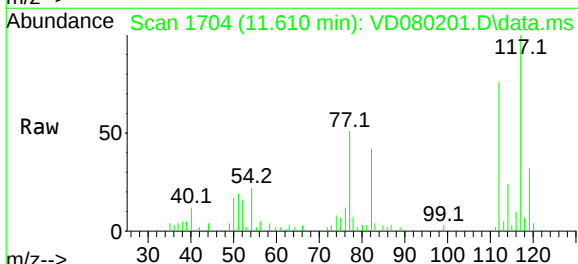
RT: 11.610 min Scan# 1704

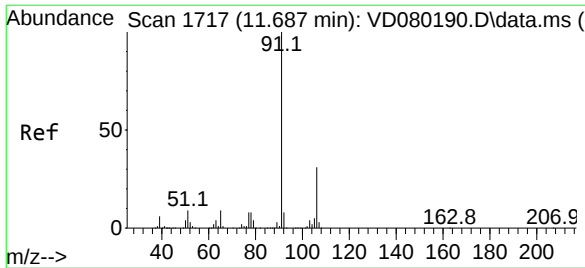
Delta R.T. -0.000 min

Lab File: VD080201.D

Acq: 09 Jan 2025 18:48

Tgt Ion:	112	Resp:	14328
Ion Ratio	Lower	Upper	
112	100		
114	31.8	21.8	40.6
77	66.9	46.8	70.2





#52

Ethylbenzene

Concen: 1.159 ug/L

RT: 11.681 min Scan# 1717

Delta R.T. -0.006 min

Lab File: VD080201.D

Acq: 09 Jan 2025 18:48

Instrument :

MSVOA_D

ClientSampleId :

MDL03

Tgt Ion: 91 Resp: 19403

Ion Ratio Lower Upper

91 100

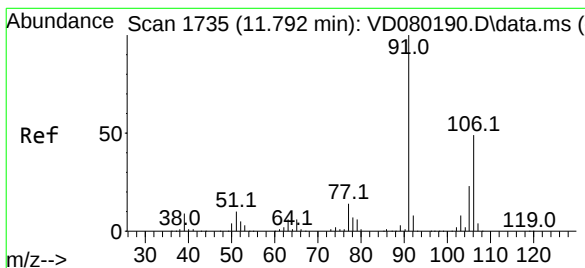
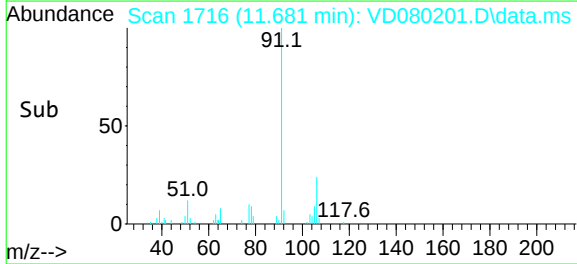
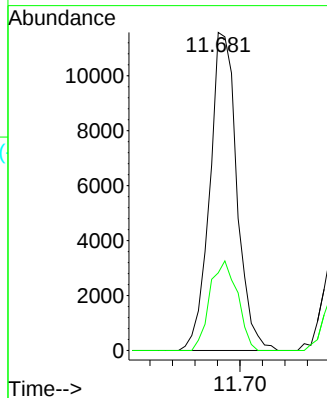
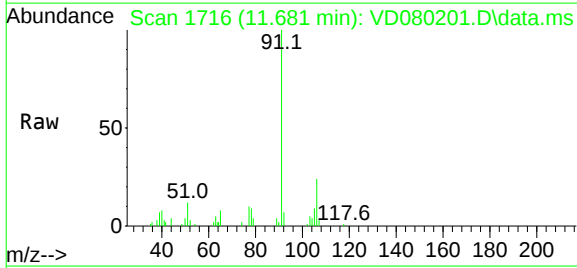
106 24.4 21.8 40.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#53

m,p-Xylene

Concen: 1.193 ug/L

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD080201.D

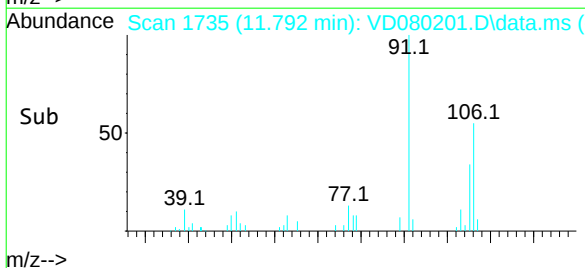
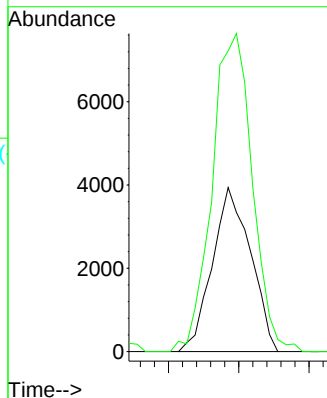
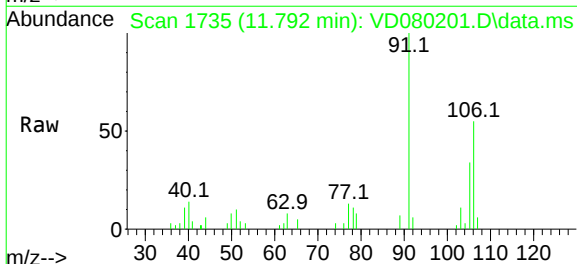
Acq: 09 Jan 2025 18:48

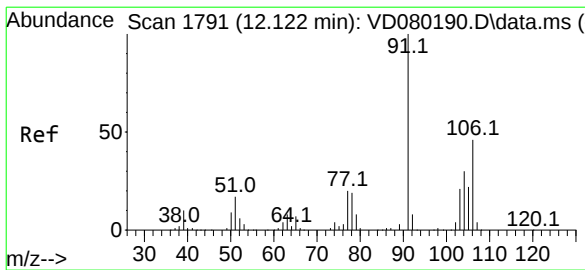
Tgt Ion:106 Resp: 7462

Ion Ratio Lower Upper

106 100

91 183.3 144.1 267.7





#54

o-Xylene

Concen: 1.144 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD080201.D

Acq: 09 Jan 2025 18:48

Instrument :

MSVOA_D

ClientSampleId :

MDL03

Tgt Ion:106 Resp: 6696

Ion Ratio Lower Upper

106 100

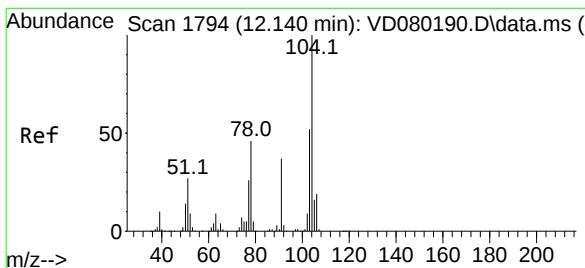
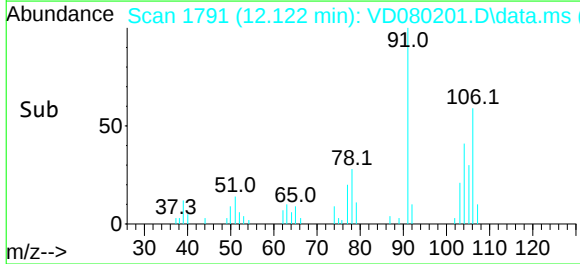
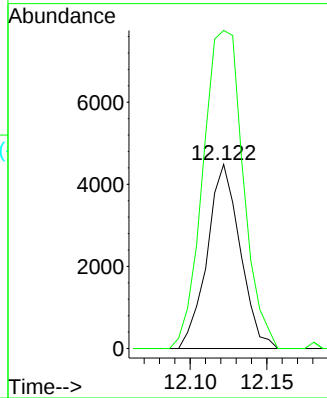
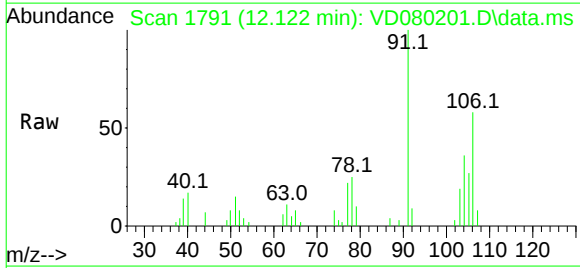
91 172.7 153.8 285.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#55

Styrene

Concen: 1.054 ug/L

RT: 12.134 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VD080201.D

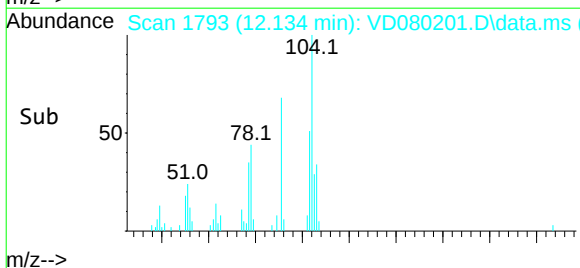
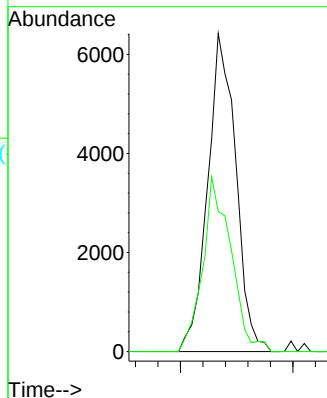
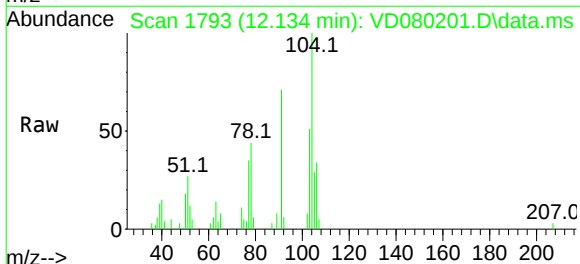
Acq: 09 Jan 2025 18:48

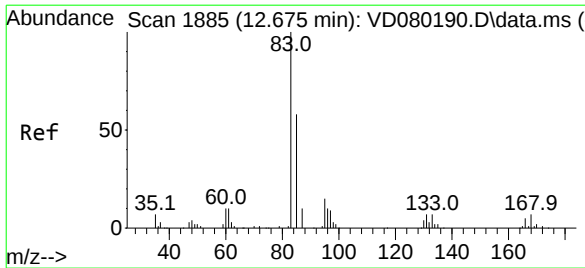
Tgt Ion:104 Resp: 11174

Ion Ratio Lower Upper

104 100

78 44.1 31.9 59.3





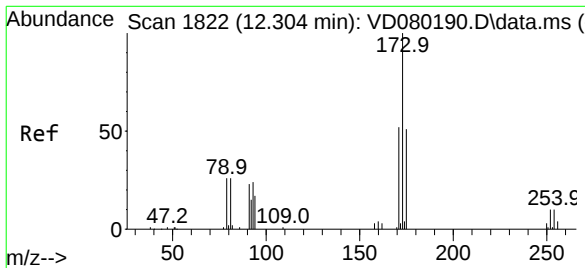
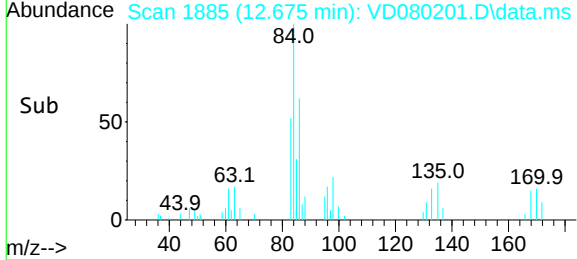
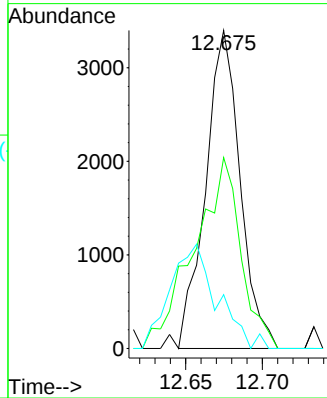
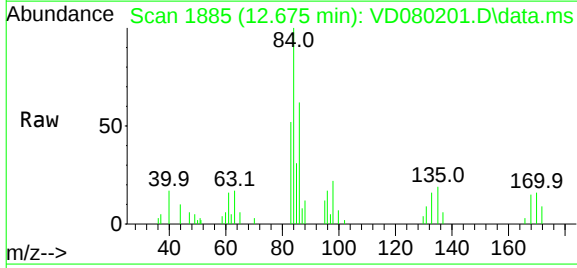
#57
1,1,2,2-Tetrachloroethane
Concen: 1.581 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

Instrument : MSVOA_D
ClientSampleId : MDL03

Tgt Ion:	83	Resp:	5325
Ion Ratio	Lower	Upper	
83	100		
85	60.0	40.7	75.5
131	16.9	6.2	9.2

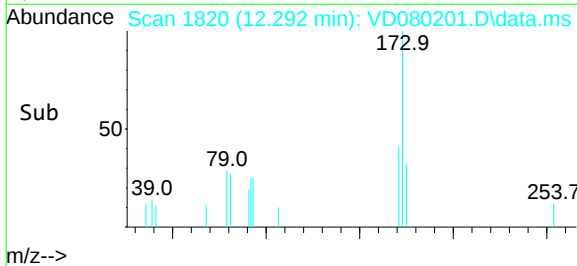
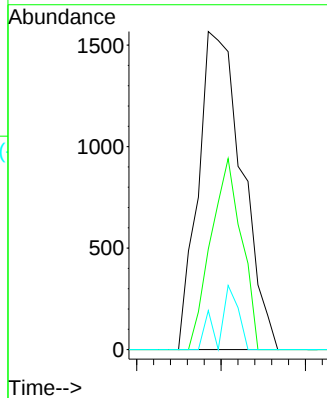
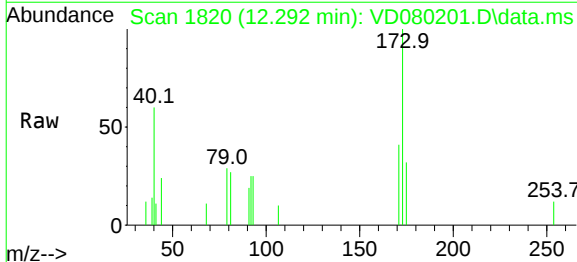
Manual Integrations
APPROVED

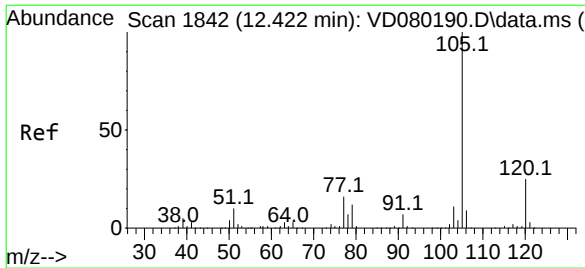
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#59
Bromoform
Concen: 1.631 ug/L
RT: 12.292 min Scan# 1820
Delta R.T. -0.012 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

Tgt Ion:	173	Resp:	2828
Ion Ratio	Lower	Upper	
173	100		
175	0.0	38.2	57.4
254	2.4	8.3	12.5





#60

Isopropylbenzene

Concen: 1.208 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD080201.D

Acq: 09 Jan 2025 18:48

Instrument :

MSVOA_D

ClientSampleId :

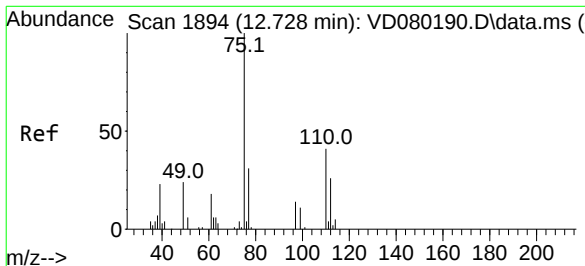
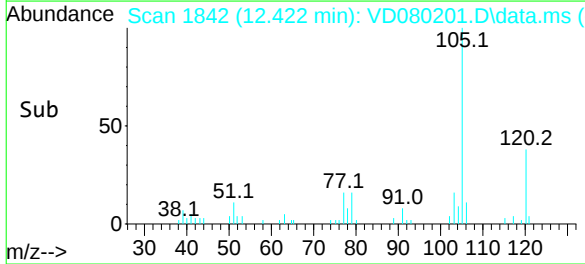
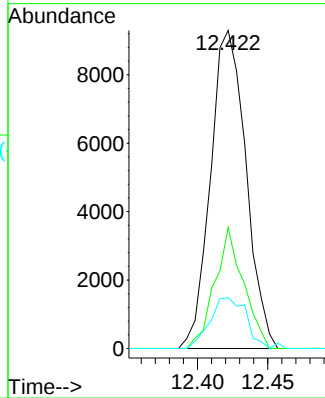
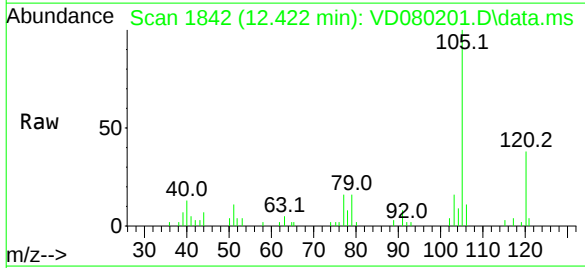
MDL03

Tgt Ion:	105	Resp:	16284
Ion Ratio	Lower	Upper	
105	100		
120	30.9	20.6	30.8
77	16.3	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: 1.473 ug/L

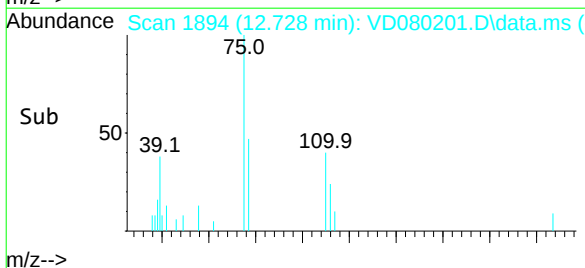
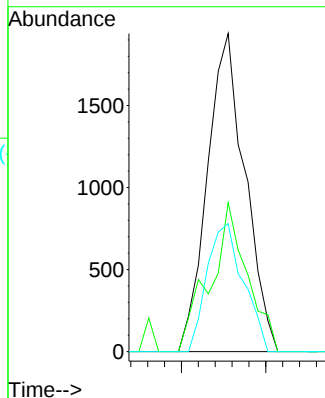
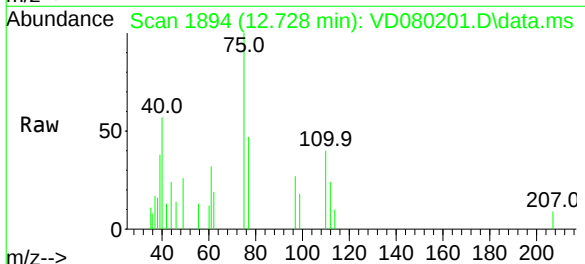
RT: 12.728 min Scan# 1894

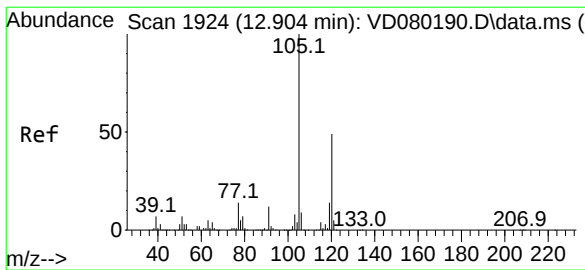
Delta R.T. -0.000 min

Lab File: VD080201.D

Acq: 09 Jan 2025 18:48

Tgt Ion:	75	Resp:	3011
Ion Ratio	Lower	Upper	
75	100		
77	34.5	25.7	38.5
110	38.8	31.5	47.3





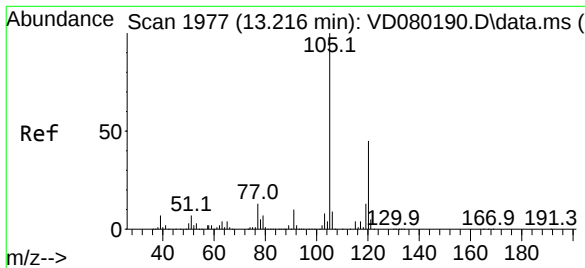
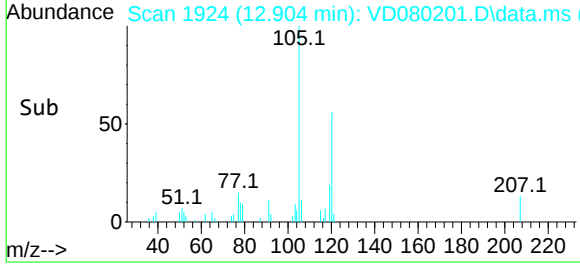
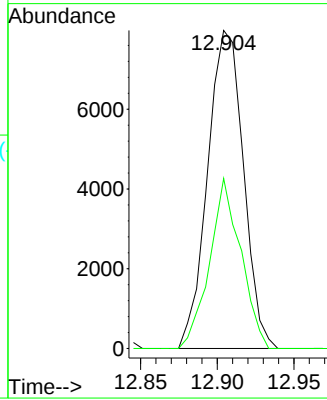
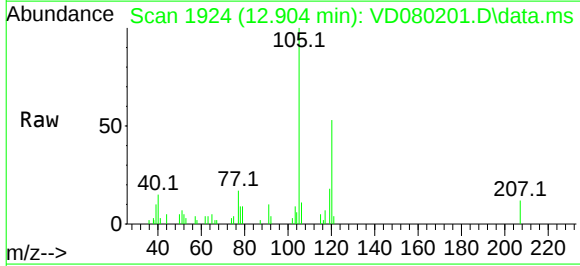
#62
1,3,5-Trimethylbenzene
Concen: 1.207 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

Instrument :
MSVOA_D
ClientSampleId :
MDL03

Tgt Ion:105 Resp: 12963
Ion Ratio Lower Upper
105 100
120 46.6 38.9 58.3

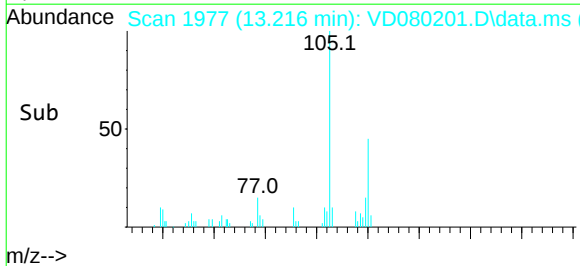
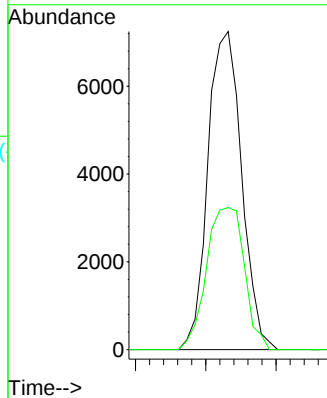
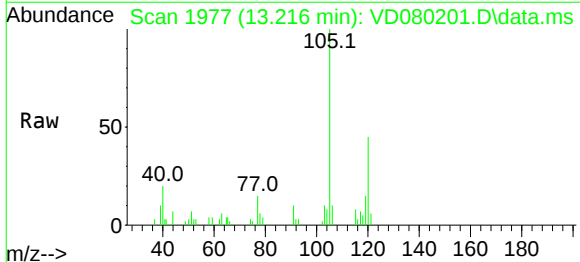
Manual Integrations
APPROVED

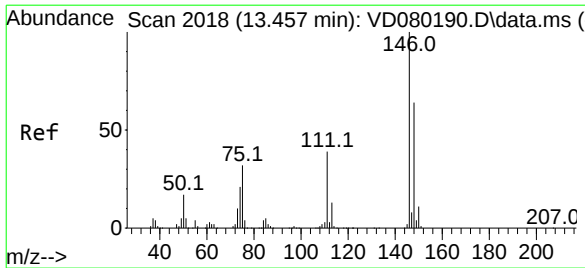
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#63
1,2,4-Trimethylbenzene
Concen: 1.153 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

Tgt Ion:105 Resp: 12081
Ion Ratio Lower Upper
105 100
120 50.2 36.1 54.1





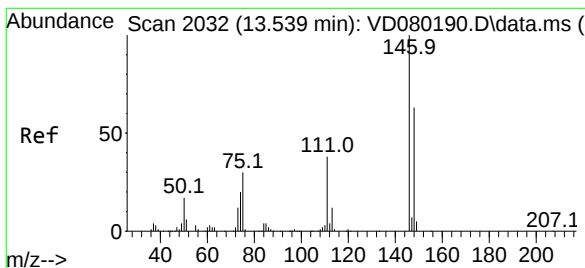
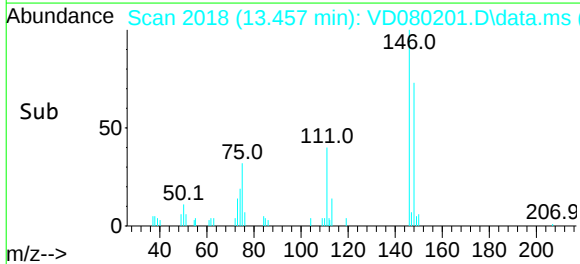
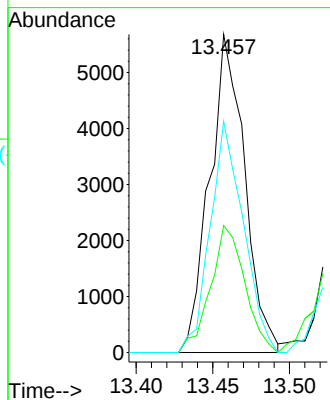
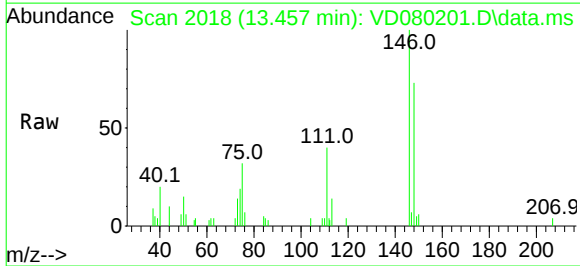
#64
1,3-Dichlorobenzene
Concen: 1.367 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

Instrument :
MSVOA_D
ClientSampleId :
MDL03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	27.2	50.6
148	72.7	44.8	83.2

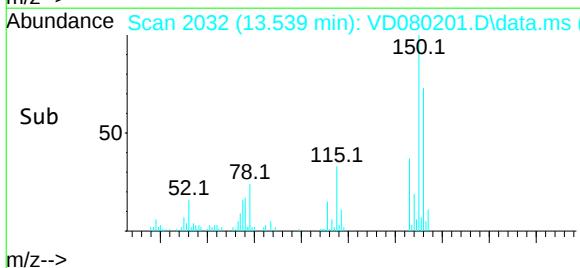
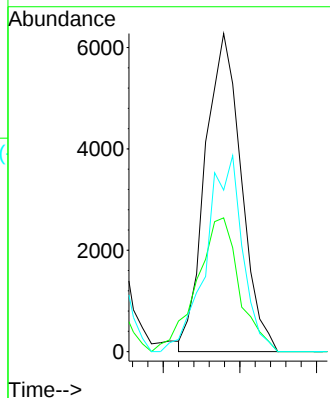
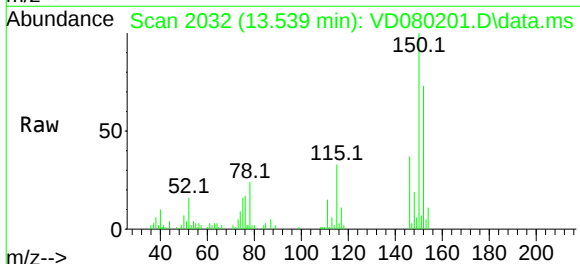
Manual Integrations
APPROVED

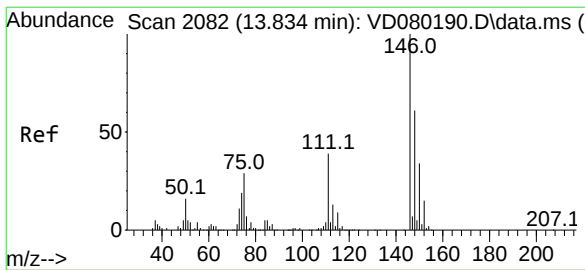
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#65
1,4-Dichlorobenzene
Concen: 1.503 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	26.7	49.7
148	50.8	44.1	81.9





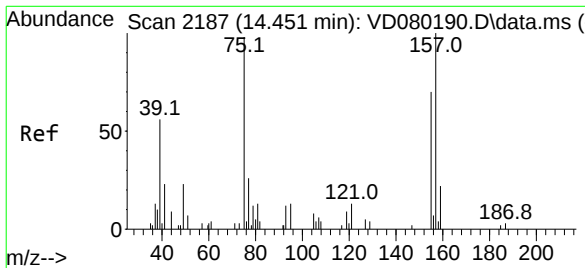
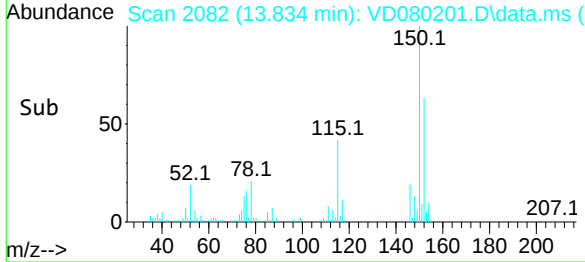
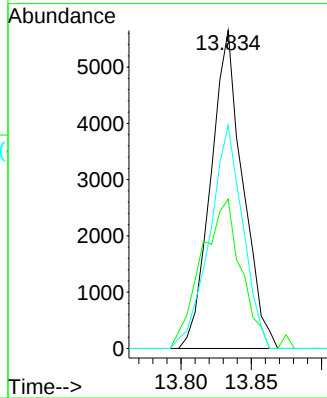
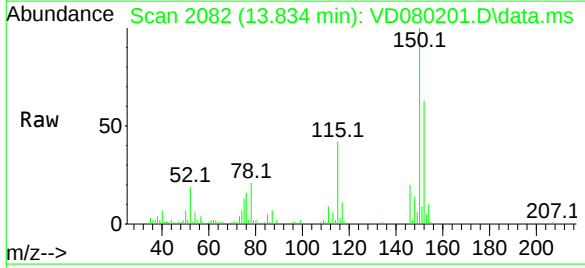
#67
1,2-Dichlorobenzene
Concen: 1.512 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

Instrument :
MSVOA_D
ClientSampleId :
MDL03

Tgt Ion:	146	Resp:	8929
Ion	Ratio	Lower	Upper
146	100		
111	47.0	31.4	47.0
148	70.2	48.8	73.2

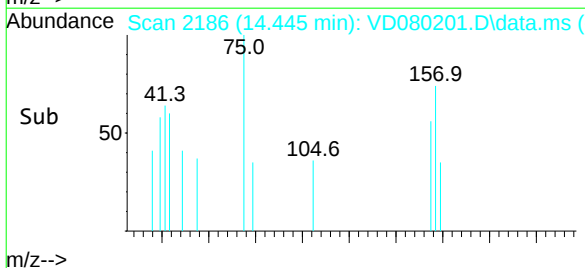
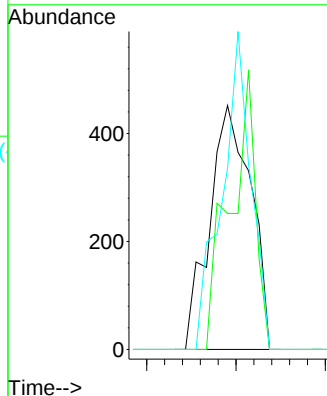
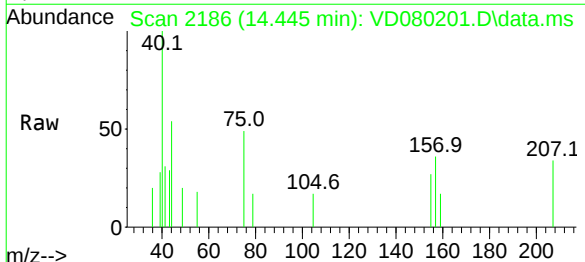
Manual Integrations
APPROVED

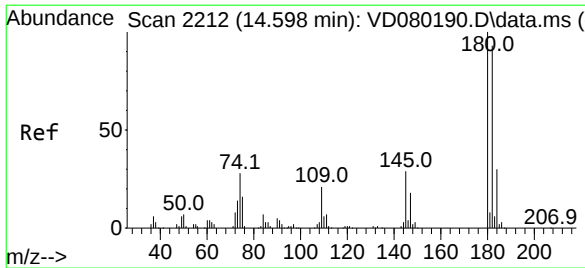
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#68
1,2-Dibromo-3-chloropropane
Concen: 1.636 ug/L m
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

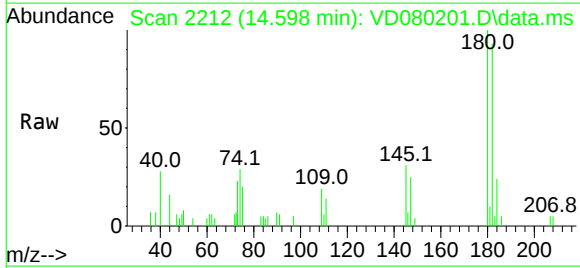
Tgt Ion:	75	Resp:	727
Ion	Ratio	Lower	Upper
75	100		
155	55.8	57.3	85.9#
157	74.3	82.0	123.0#





#69
1,3,5-Trichlorobenzene
Concen: 1.463 ug/L
RT: 14.598 min Scan# 2212
Delta R.T. -0.000 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

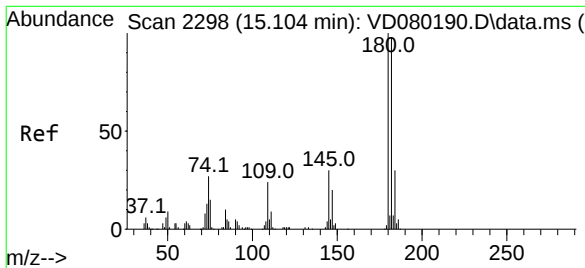
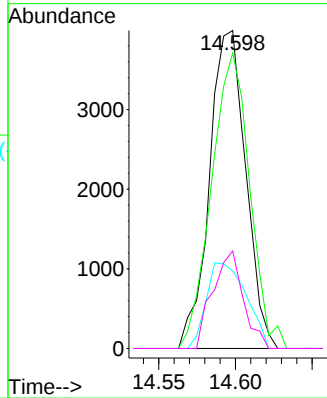
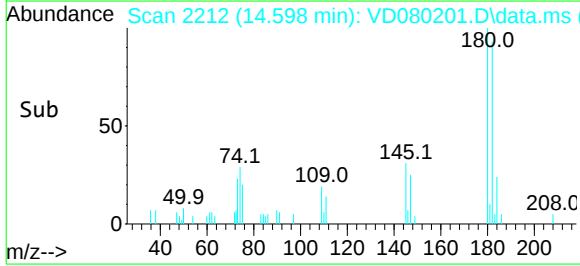
Instrument :
MSVOA_D
ClientSampleId :
MDL03



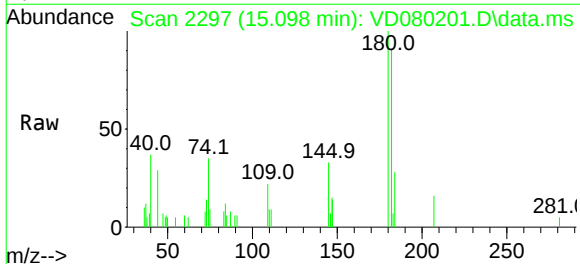
Tgt Ion:180 Resp: 6562
Ion Ratio Lower Upper
180 100
182 97.7 75.4 113.0
184 29.6 24.0 36.0
145 25.8 23.4 35.0

Manual Integrations
APPROVED

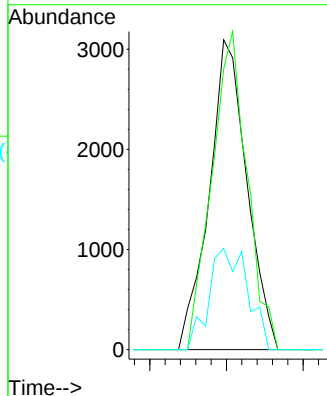
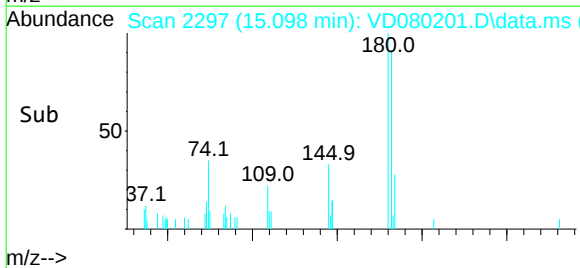
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

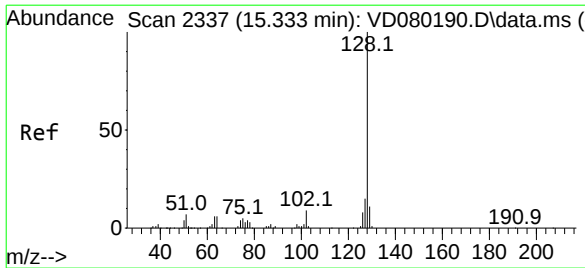


#70
1,2,4-trichlorobenzene
Concen: 1.445 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. -0.006 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48



Tgt Ion:180 Resp: 5287
Ion Ratio Lower Upper
180 100
182 96.0 76.9 115.3
145 21.8 23.5 35.3#





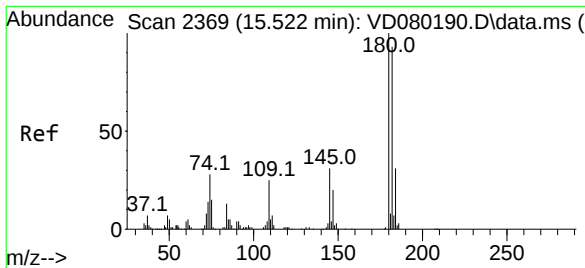
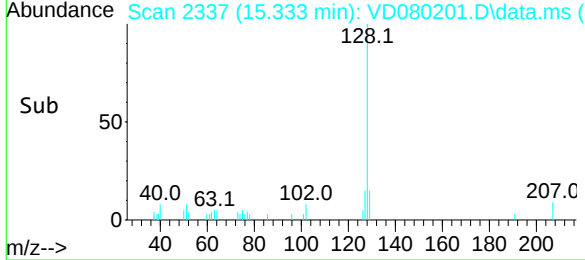
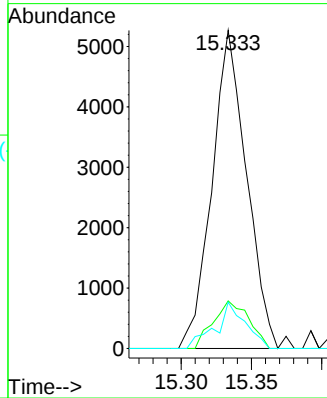
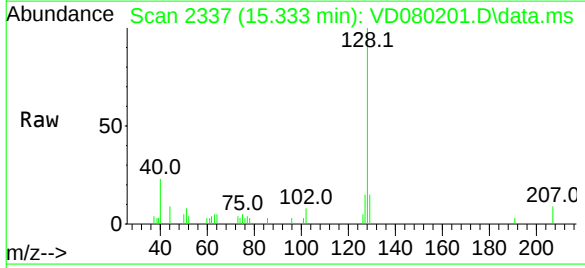
#71
Naphthalene
Concen: 1.396 ug/L
RT: 15.333 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

Instrument : MSVOA_D
ClientSampleId : MDL03

Tgt Ion	Ratio	Lower	Upper
128	100		
127	15.4	11.5	17.3
129	8.6	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: 1.371 ug/L
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	74.8	112.2
145	31.8	24.2	36.4

