

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010925\
 Data File : VD080200.D
 Acq On : 09 Jan 2025 18:21
 Operator : RP/MD
 Sample : MDL02
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL02

Manual Integrations
 APPROVED

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

Quant Time: Jan 10 00:09:33 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	224376	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	220354	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	95336	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	172404	26.199	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.800%
7) Chloroethane-d5	2.805	69	147020	27.492	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.960%
11) 1,1-Dichloroethene-d2	3.922	65	40283	25.368	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.480%
21) 2-Butanone-d5	6.993	46	39128	51.399	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.800%
24) Chloroform-d	7.569	84	175137	24.874	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.480%
26) 1,2-Dichloroethane-d4	8.234	65	100340	27.206	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.840%
32) Benzene-d6	8.205	84	348780	24.517	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.080%
36) 1,2-Dichloropropane-d6	9.210	67	117312	24.916	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.680%
41) Toluene-d8	10.269	98	320427	24.715	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.880%
43) trans-1,3-Dichloroprop...	10.528	79	47618	24.753	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.000%
47) 2-Hexanone-d5	10.881	63	31418	53.543	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.080%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	91023	25.799	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	13.816	152	102776	28.678	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.720%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	5510	1.237	ug/L	99
3) Chloromethane	2.152	50	8089	1.332	ug/L #	82
5) Vinyl chloride	2.287	62	10393	1.395	ug/L #	81
6) Bromomethane	2.699	94	5272	1.215	ug/L	86
8) Chloroethane	2.840	64	5791	1.267	ug/L	89
9) Trichlorofluoromethane	3.175	101	7671m	1.239	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	5743m	1.626	ug/L	
12) 1,1-Dichloroethene	3.940	96	3954	1.254	ug/L #	1
13) Acetone	4.040	43	3043m	5.053	ug/L	
14) Carbon disulfide	4.269	76	13977m	1.190	ug/L	
15) Methyl Acetate	4.569	43	1970	1.307	ug/L	100
17) trans-1,2-Dichloroethene	5.322	96	3684m	1.074	ug/L	
18) Methyl tert-butyl Ether	5.316	73	6881	1.053	ug/L #	79
19) 1,1-Dichloroethane	6.122	63	8022m	1.212	ug/L	
20) cis-1,2-Dichloroethene	7.081	96	4229	1.173	ug/L #	74
22) 2-Butanone	7.069	43	3198m	3.728	ug/L	
23) Bromochloromethane	7.428	128	2278m	1.306	ug/L	
25) Chloroform	7.599	83	24569	3.349	ug/L	100
27) 1,2-Dichloroethane	8.328	62	6398	1.495	ug/L	100

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

Quant Time: Jan 10 00:09:33 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)
29) Cyclohexane	7.887	56	4928	0.889	ug/L #	23
30) 1,1,1-Trichloroethane	7.805	97	6661m	1.141	ug/L	
31) Carbon tetrachloride	7.999	117	5576	1.082	ug/L	93
33) Benzene	8.246	78	19153m	1.278	ug/L	
34) Trichloroethene	9.028	95	4716	1.215	ug/L	92
35) Methylcyclohexane	9.275	83	5271	0.913	ug/L #	83
38) Bromodichloromethane	9.587	83	6510	1.272	ug/L #	83
39) cis-1,3-Dichloropropene	10.016	75	7021	1.217	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	5128m	2.559	ug/L	
42) Toluene	10.334	91	17559	1.122	ug/L	98
44) trans-1,3-Dichloropropene	10.552	75	8400	1.686	ug/L	92
45) 1,1,2-Trichloroethane	10.740	97	3510	1.178	ug/L	94
46) Tetrachloroethene	10.816	164	3558	1.138	ug/L	89
48) 2-Hexanone	10.928	43	3403	2.491	ug/L #	92
49) Dibromochloromethane	11.081	129	4137	1.246	ug/L	96
50) 1,2-Dibromoethane	11.187	107	3586	1.324	ug/L #	80
51) Chlorobenzene	11.610	112	11401	1.136	ug/L	95
52) Ethylbenzene	11.687	91	16905	1.006	ug/L	98
53) m,p-Xylene	11.793	106	5669	0.903	ug/L	93
54) o-Xylene	12.122	106	5364	0.913	ug/L	92
55) Styrene	12.140	104	9240	0.869	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.675	83	4917	1.455	ug/L #	87
59) Bromoform	12.304	173	2507	1.466	ug/L #	87
60) Isopropylbenzene	12.422	105	14113	1.061	ug/L	98
61) 1,2,3-Trichloropropane	12.728	75	2918	1.447	ug/L #	63
62) 1,3,5-Trimethylbenzene	12.904	105	10908	1.029	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	10489	1.015	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	8075	1.242	ug/L #	86
65) 1,4-Dichlorobenzene	13.534	146	8762	1.305	ug/L	90
67) 1,2-Dichlorobenzene	13.834	146	8214	1.410	ug/L	87
68) 1,2-Dibromo-3-chloropr...	14.451	75	651m	1.485	ug/L	
69) 1,3,5-Trichlorobenzene	14.592	180	5810	1.314	ug/L	94
70) 1,2,4-trichlorobenzene	15.104	180	4391	1.217	ug/L	93
71) Naphthalene	15.339	128	7678	1.209	ug/L	97
72) 1,2,3-Trichlorobenzene	15.516	180	3896	1.162	ug/L	90

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

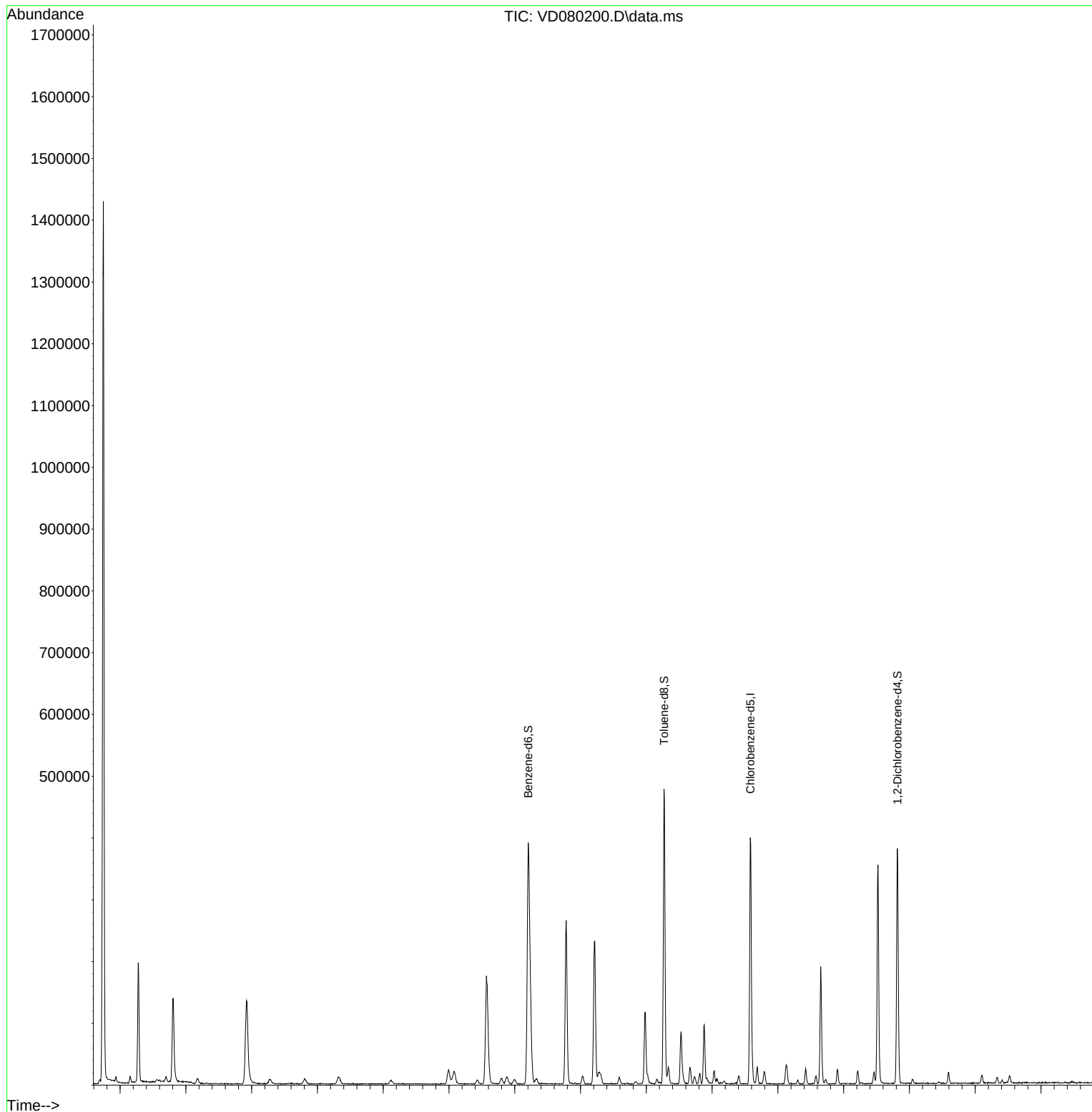
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010925\
Data File : VD080200.D
Acq On : 09 Jan 2025 18:21
Operator : RP/MD
Sample : MDL02
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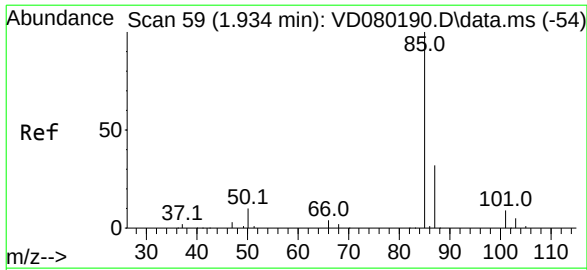
Instrument :
MSVOA_D
ClientSampleId :
MDL02

Manual Integrations
APPROVED

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

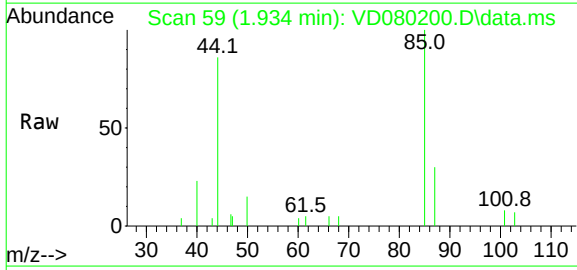
Quant Time: Jan 10 00:09:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDL010925SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jan 09 20:13:33 2025
Response via : Initial Calibration





#2
Dichlorodifluoromethane
Concen: 1.237 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD080200.D
Acq: 09 Jan 2025 18:21

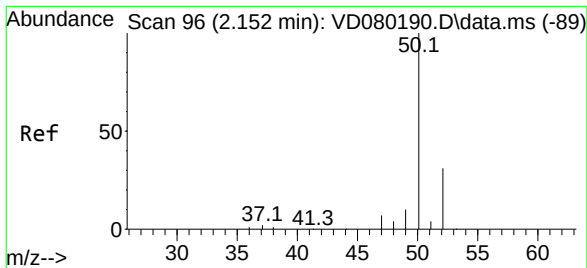
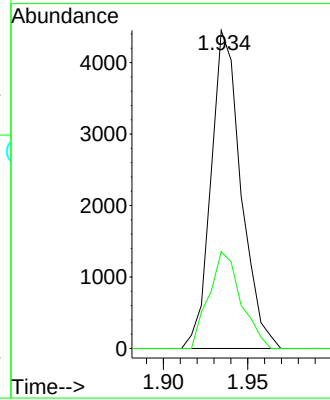
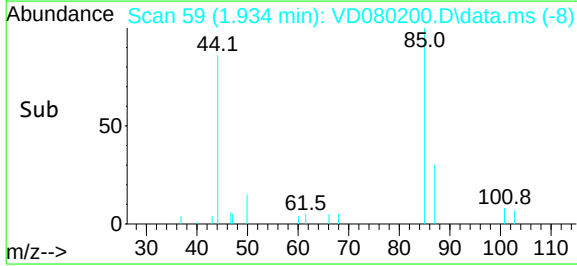
Instrument :
MSVOA_D
ClientSampleId :
MDL02



Tgt Ion: 85 Resp: 5510
Ion Ratio Lower Upper
85 100
87 32.4 26.4 39.6

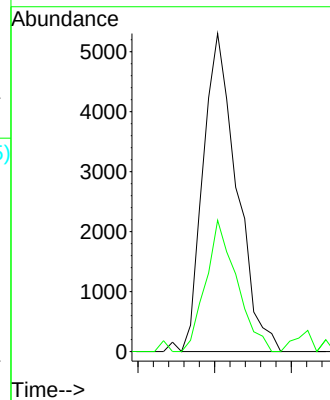
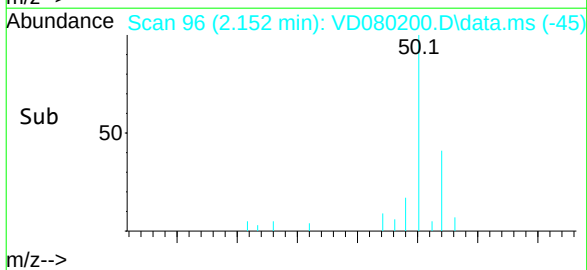
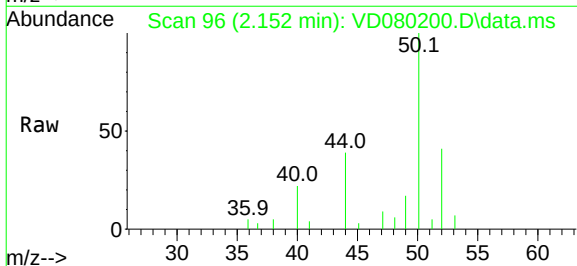
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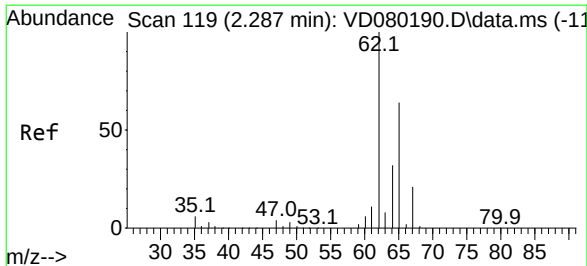
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#3
Chloromethane
Concen: 1.332 ug/L
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD080200.D
Acq: 09 Jan 2025 18:21

Tgt Ion: 50 Resp: 8089
Ion Ratio Lower Upper
50 100
52 41.3 22.0 40.8





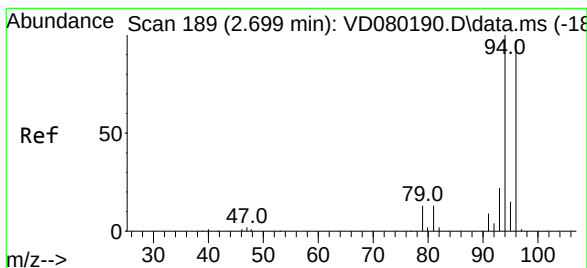
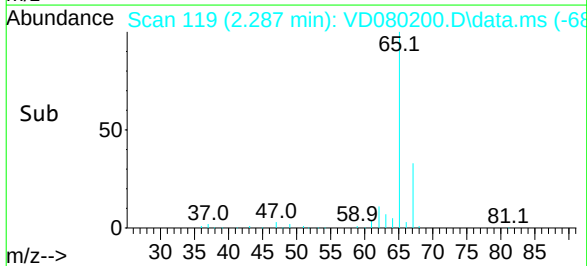
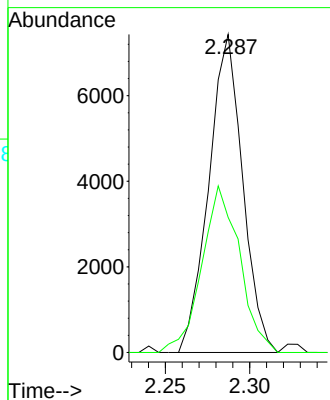
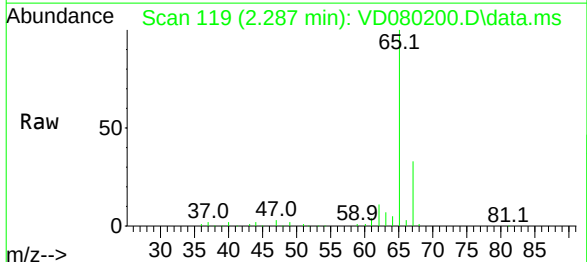
#5
Vinyl chloride
Concen: 1.395 ug/L
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD080200.D
Acq: 09 Jan 2025 18:21

Instrument :
MSVOA_D
ClientSampleId :
MDL02

Tgt Ion: 62 Resp: 10393
Ion Ratio Lower Upper
62 100
64 42.5 22.3 41.5

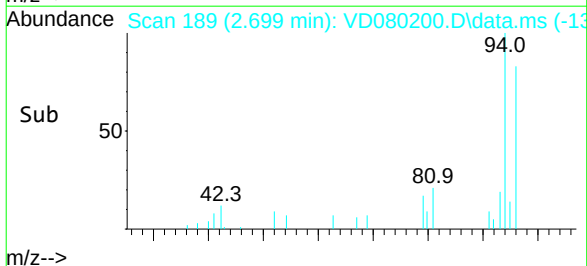
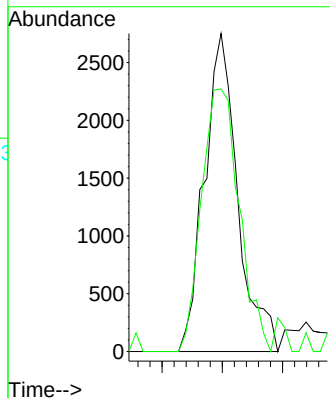
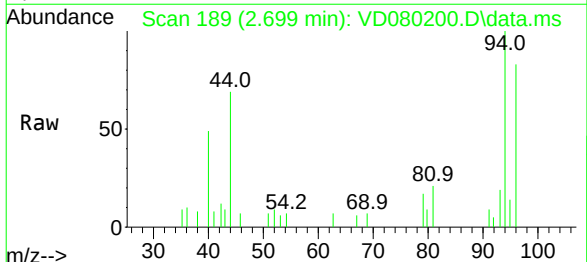
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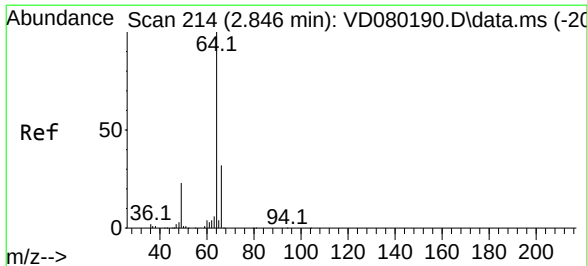
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#6
Bromomethane
Concen: 1.215 ug/L
RT: 2.699 min Scan# 189
Delta R.T. 0.000 min
Lab File: VD080200.D
Acq: 09 Jan 2025 18:21

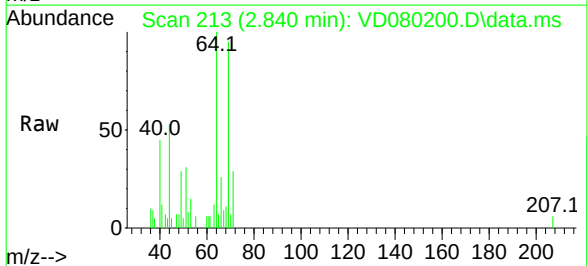
Tgt Ion: 94 Resp: 5272
Ion Ratio Lower Upper
94 100
96 82.6 67.7 125.7





#8
Chloroethane
Concen: 1.267 ug/L
RT: 2.840 min Scan# 214
Delta R.T. -0.006 min
Lab File: VD080200.D
Acq: 09 Jan 2025 18:21

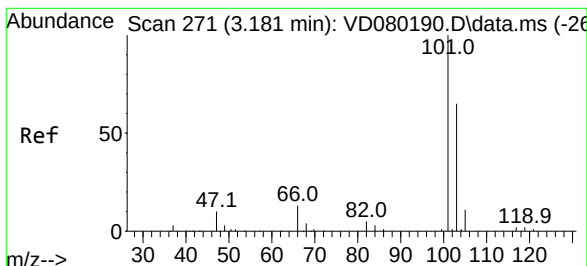
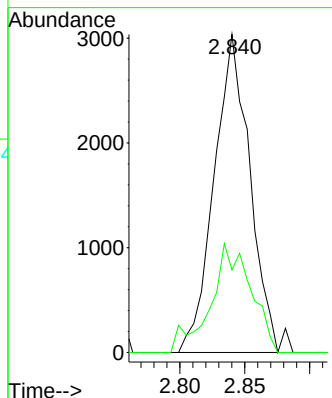
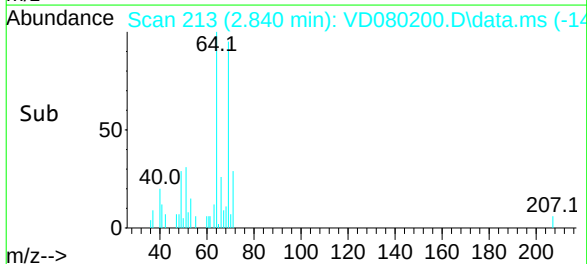
Instrument :
MSVOA_D
ClientSampleId :
MDL02



Tgt Ion: 64 Resp: 5791
Ion Ratio Lower Upper
64 100
66 26.0 22.3 41.5

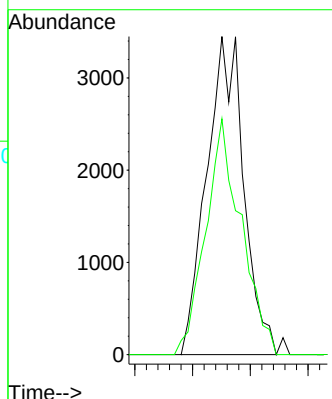
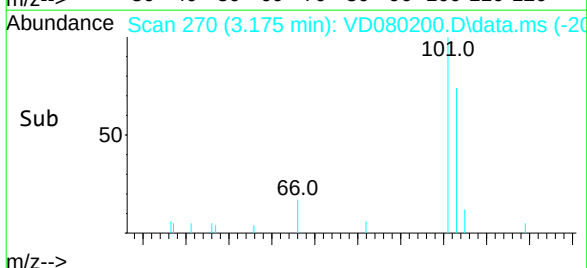
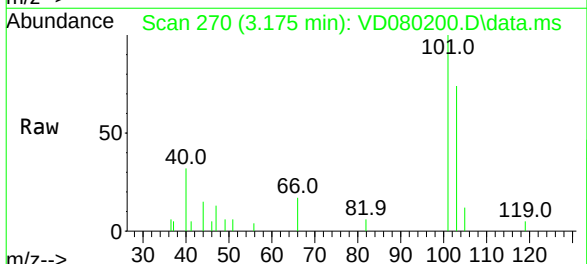
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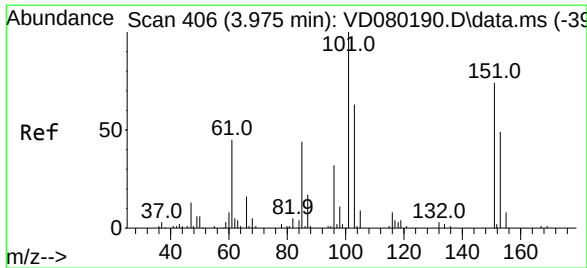
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#9
Trichlorofluoromethane
Concen: 1.239 ug/L m
RT: 3.175 min Scan# 270
Delta R.T. -0.006 min
Lab File: VD080200.D
Acq: 09 Jan 2025 18:21

Tgt Ion:101 Resp: 7671
Ion Ratio Lower Upper
101 100
103 71.2 52.2 78.2





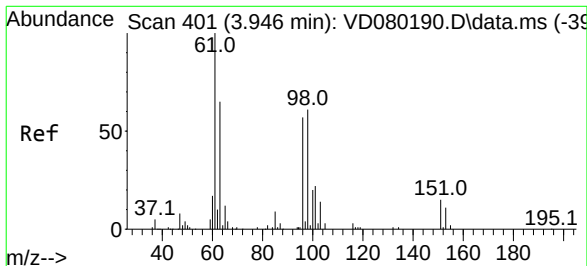
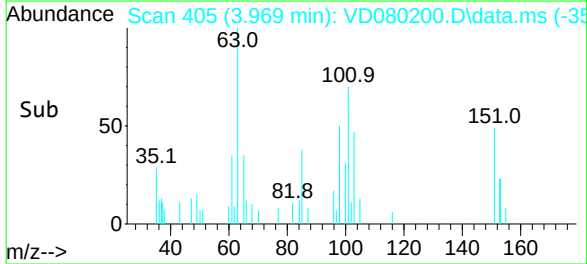
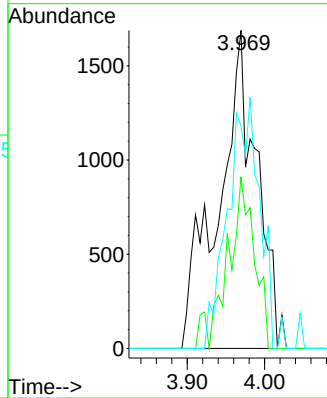
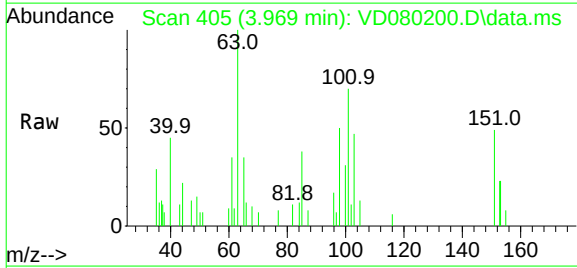
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1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.626 ug/L m
RT: 3.969 min Scan# 40
Delta R.T. -0.006 min
Lab File: VD080200.D
Acq: 09 Jan 2025 18:21

Instrument :
MSVOA_D
ClientSampleId :
MDL02

Tgt Ion:101 Resp: 5743
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 26.2 60.0 90.0#

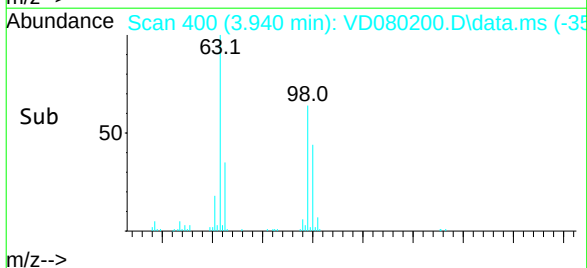
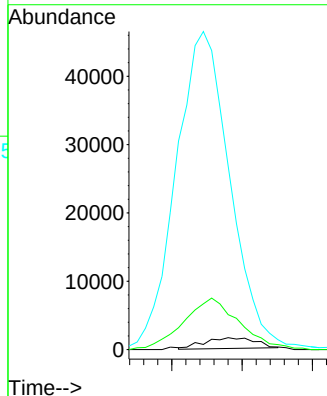
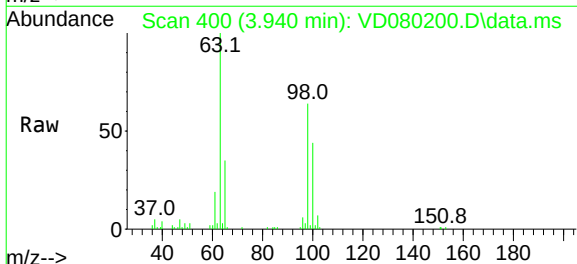
Manual Integrations
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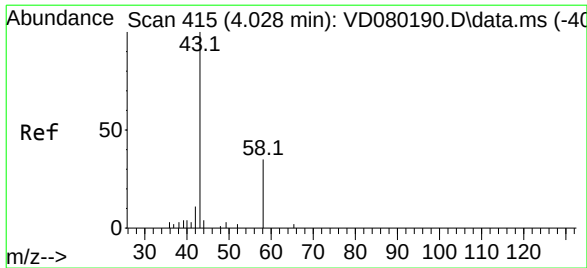
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#12
1,1-Dichloroethene
Concen: 1.254 ug/L
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD080200.D
Acq: 09 Jan 2025 18:21

Tgt Ion: 96 Resp: 3954
Ion Ratio Lower Upper
96 100
61 293.5 123.1 228.7#
63 1541.7 89.6 166.4#





#13

Acetone

Concen: 5.053 ug/L m

RT: 4.040 min Scan# 41

Delta R.T. 0.012 min

Lab File: VD080200.D

Acq: 09 Jan 2025 18:21

Instrument :

MSVOA_D

ClientSampleId :

MDL02

Tgt Ion: 43 Resp: 3043

Ion Ratio Lower Upper

43 100

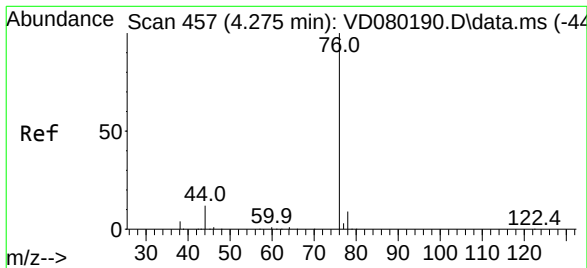
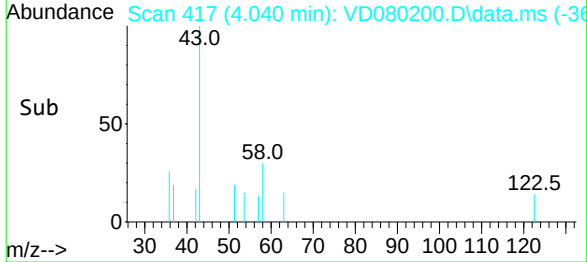
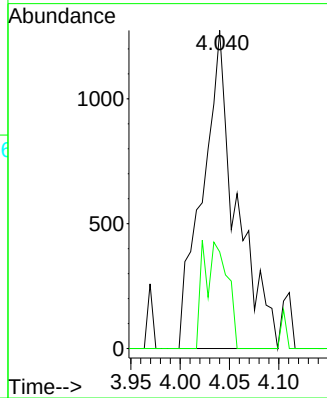
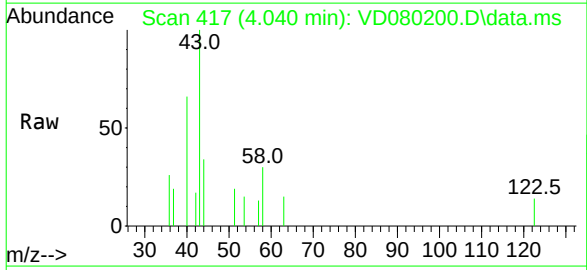
58 16.0 0.0 52.8

Manual Integrations

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Supervised By :Semsettin Yesilyurt 01/10/2025



#14

Carbon disulfide

Concen: 1.190 ug/L m

RT: 4.269 min Scan# 456

Delta R.T. -0.006 min

Lab File: VD080200.D

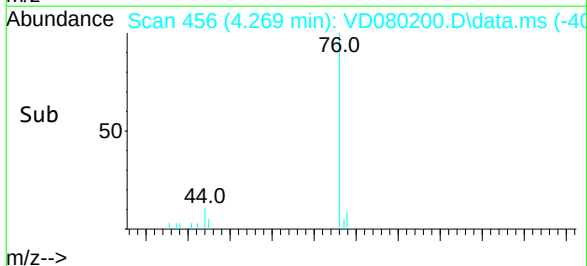
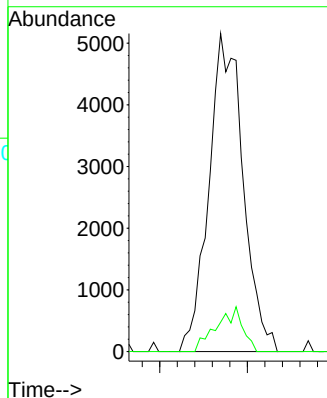
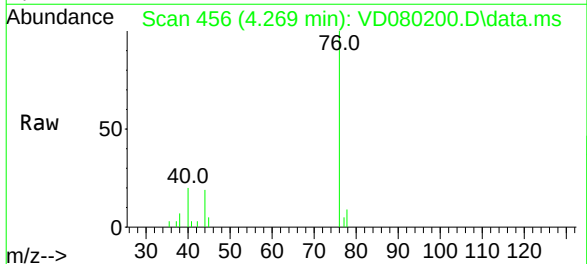
Acq: 09 Jan 2025 18:21

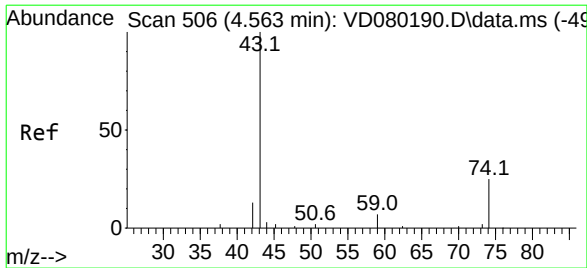
Tgt Ion: 76 Resp: 13977

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3





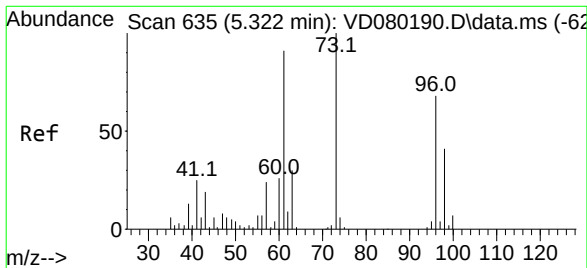
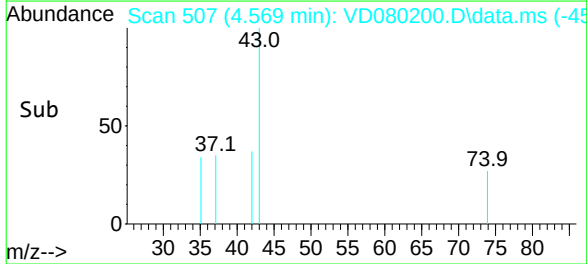
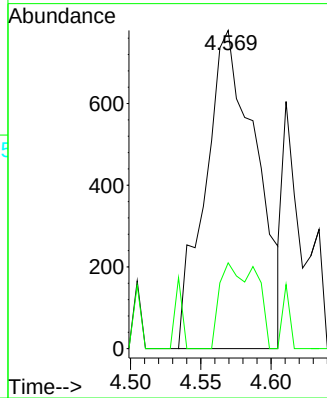
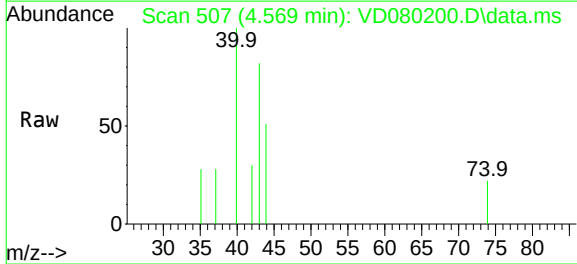
#15
Methyl Acetate
Concen: 1.307 ug/L
RT: 4.569 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD080200.D
Acq: 09 Jan 2025 18:21

Instrument :
MSVOA_D
ClientSampleId :
MDL02

Tgt Ion: 43 Resp: 1970
Ion Ratio Lower Upper
43 100
74 12.7 10.1 15.1

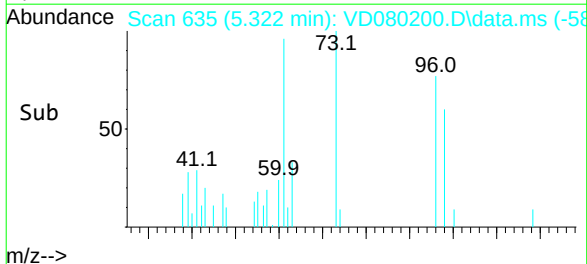
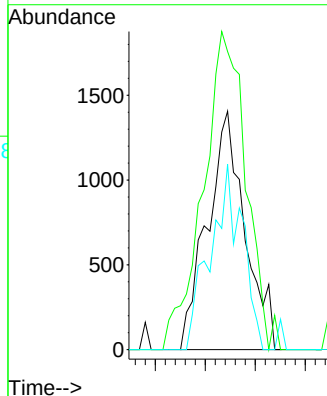
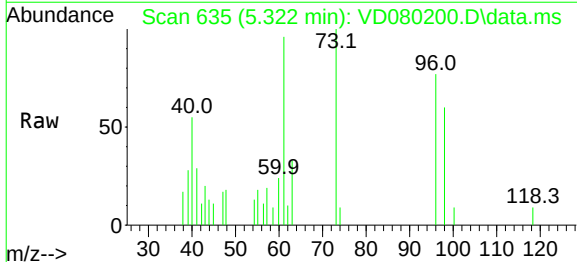
Manual Integrations
APPROVED

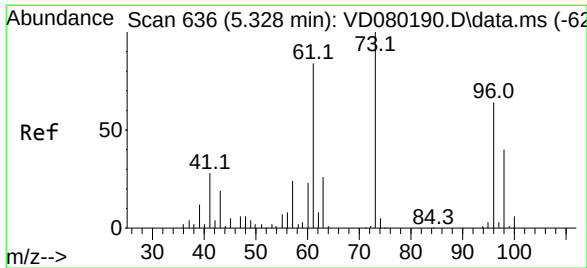
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#17
trans-1,2-Dichloroethene
Concen: 1.074 ug/L m
RT: 5.322 min Scan# 635
Delta R.T. 0.000 min
Lab File: VD080200.D
Acq: 09 Jan 2025 18:21

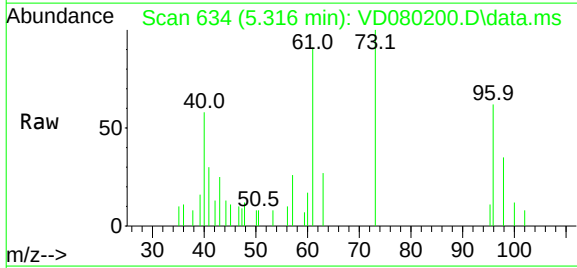
Tgt Ion: 96 Resp: 3684
Ion Ratio Lower Upper
96 100
61 125.0 93.7 173.9
98 77.7 42.1 78.1





#18
Methyl tert-butyl Ether
Concen: 1.053 ug/L
RT: 5.316 min Scan# 631
Delta R.T. -0.012 min
Lab File: VD080200.D
Acq: 09 Jan 2025 18:21

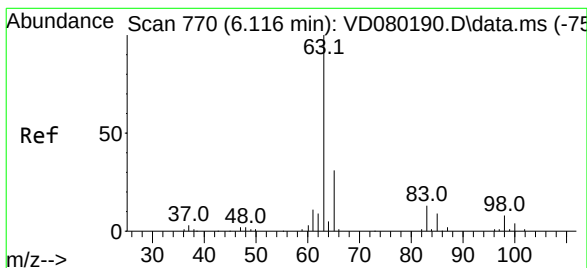
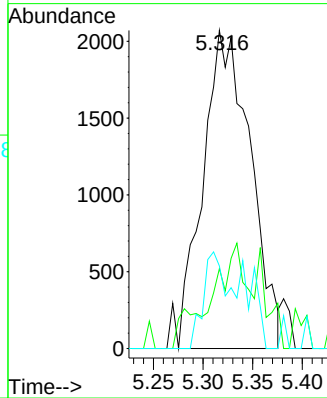
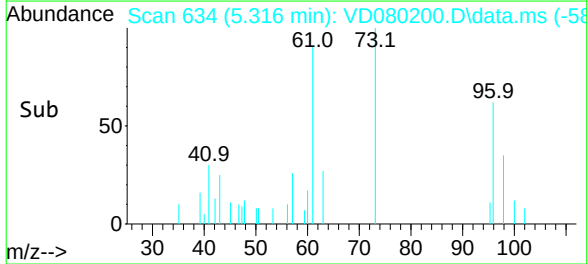
Instrument :
MSVOA_D
ClientSampleId :
MDL02



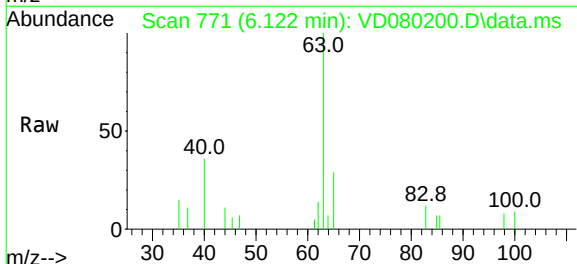
Tgt Ion: 73 Resp: 6881
Ion Ratio Lower Upper
73 100
43 7.6 16.6 24.8#
57 16.5 18.9 28.3#

Manual Integrations
APPROVED

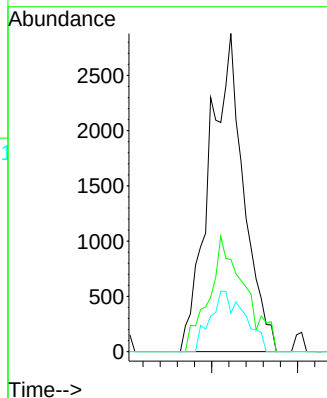
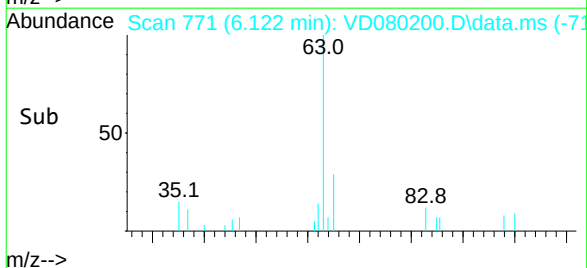
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

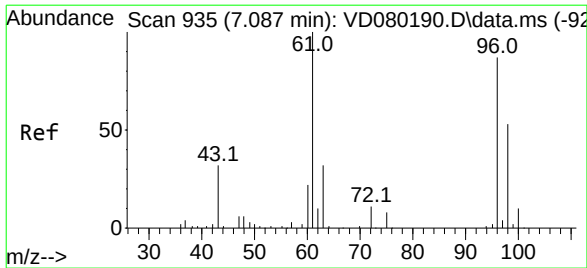


#19
1,1-Dichloroethane
Concen: 1.212 ug/L m
RT: 6.122 min Scan# 771
Delta R.T. 0.006 min
Lab File: VD080200.D
Acq: 09 Jan 2025 18:21



Tgt Ion: 63 Resp: 8022
Ion Ratio Lower Upper
63 100
65 29.0 21.7 40.3
83 12.2 8.8 16.4





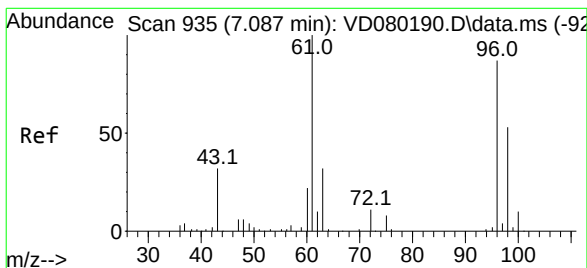
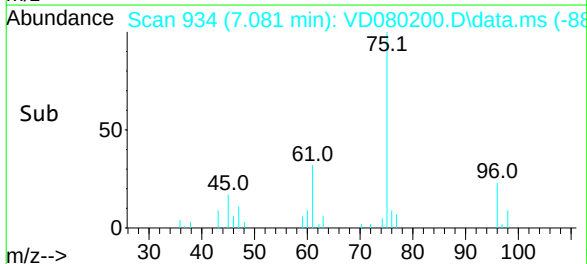
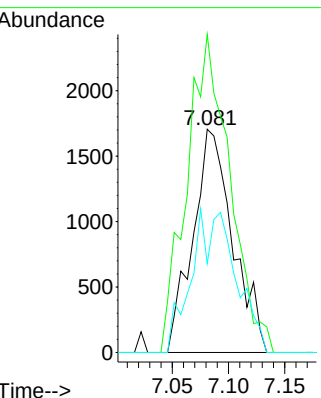
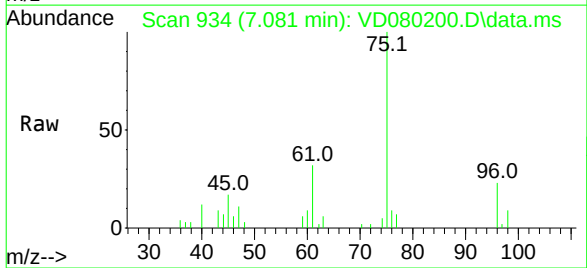
#20
 cis-1,2-Dichloroethene
 Concen: 1.173 ug/L
 RT: 7.081 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VD080200.D
 Acq: 09 Jan 2025 18:21

Instrument : MSVOA_D
 ClientSampleId : MDL02

Tgt Ion:	96	Resp:	4229
Ion	Ratio	Lower	Upper
96	100		
61	142.4	80.8	150.0
98	39.8	42.6	79.0

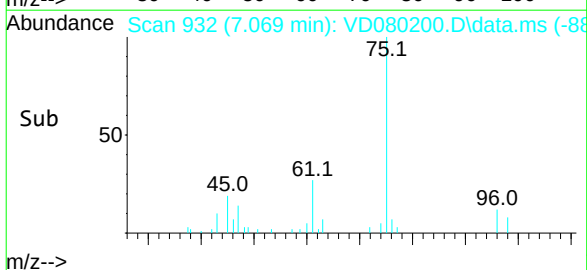
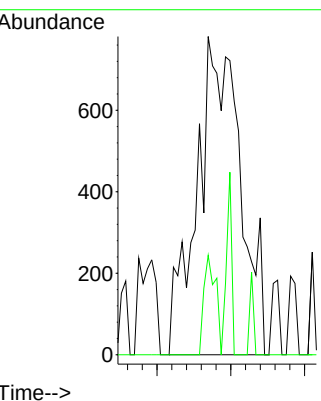
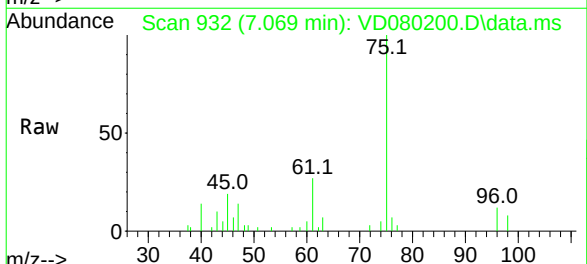
Manual Integrations
 APPROVED

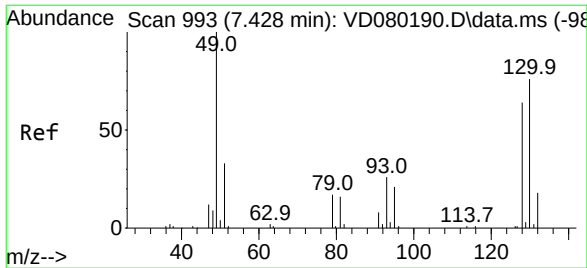
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025



#22
 2-Butanone
 Concen: 3.728 ug/L m
 RT: 7.069 min Scan# 932
 Delta R.T. -0.018 min
 Lab File: VD080200.D
 Acq: 09 Jan 2025 18:21

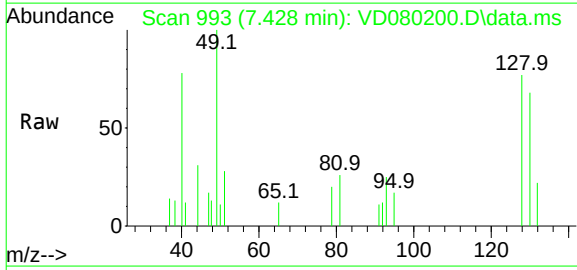
Tgt Ion:	43	Resp:	3198
Ion	Ratio	Lower	Upper
43	100		
72	6.9	14.0	42.0





#23
Bromochloromethane
Concen: 1.306 ug/L m
RT: 7.428 min Scan# 99
Delta R.T. 0.000 min
Lab File: VD080200.D
Acq: 09 Jan 2025 18:21

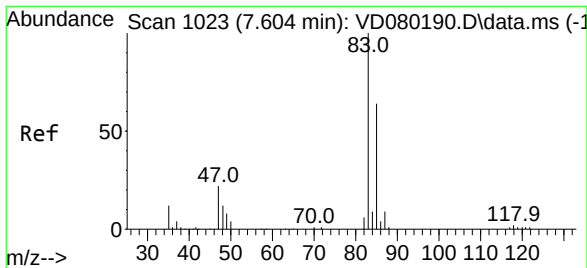
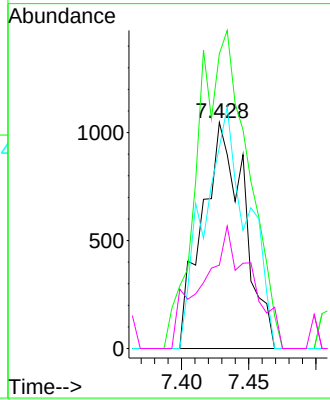
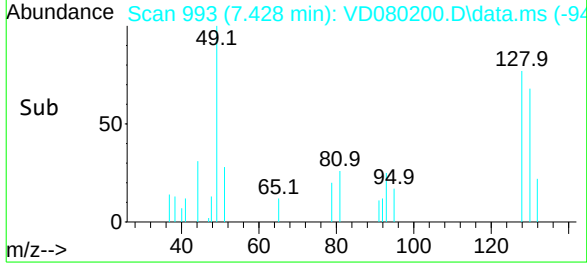
Instrument :
MSVOA_D
ClientSampleId :
MDL02



Tgt Ion:	128	Resp:	2278
Ion	Ratio	Lower	Upper
128	100		
49	130.4	110.7	205.7
130	88.9	83.1	154.3
51	36.9	42.0	63.0

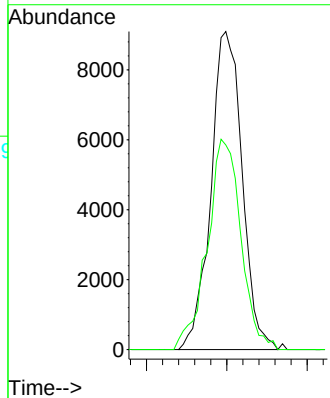
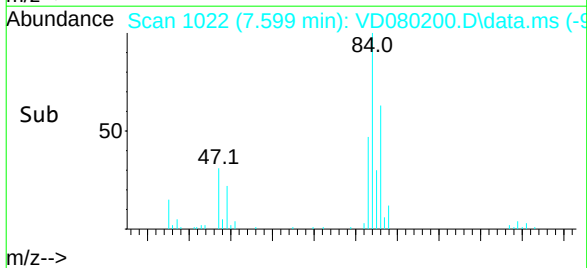
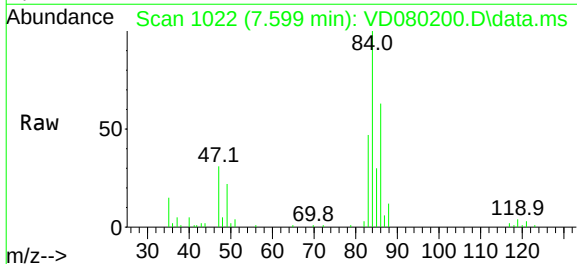
Manual Integrations
APPROVED

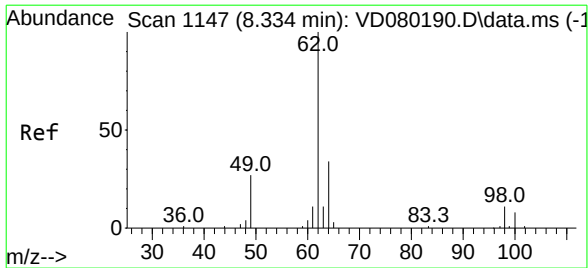
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#25
Chloroform
Concen: 3.349 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VD080200.D
Acq: 09 Jan 2025 18:21

Tgt Ion:	83	Resp:	24569
Ion	Ratio	Lower	Upper
83	100		
85	64.3	45.1	83.9





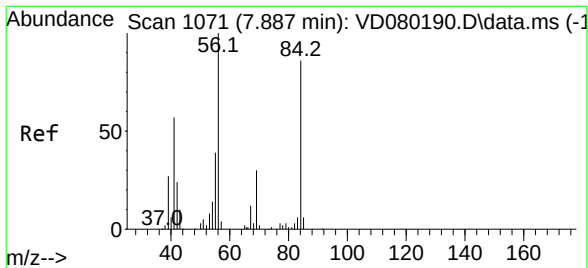
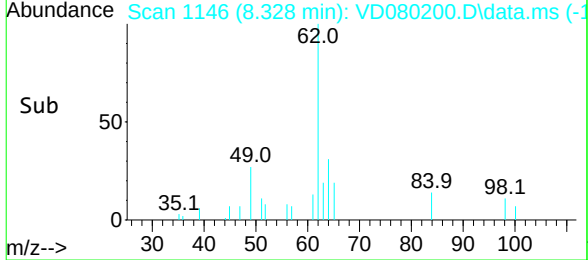
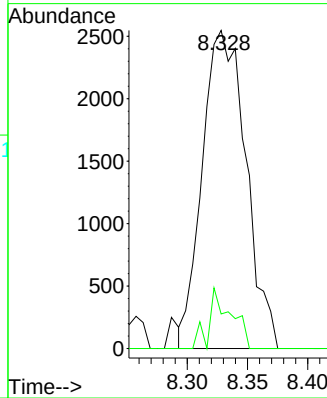
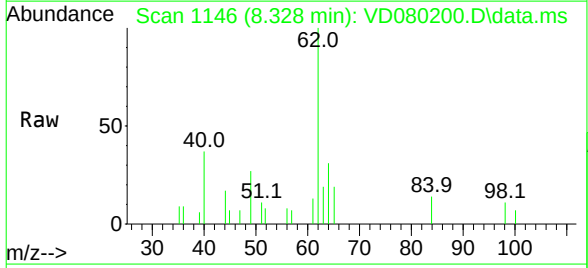
#27
1,2-Dichloroethane
Concen: 1.495 ug/L
RT: 8.328 min Scan# 1147
Delta R.T. -0.006 min
Lab File: VD080200.D
Acq: 09 Jan 2025 18:21

Instrument :
MSVOA_D
ClientSampleId :
MDL02

Tgt Ion: 62 Resp: 6398
Ion Ratio Lower Upper
62 100
98 10.9 8.6 13.0

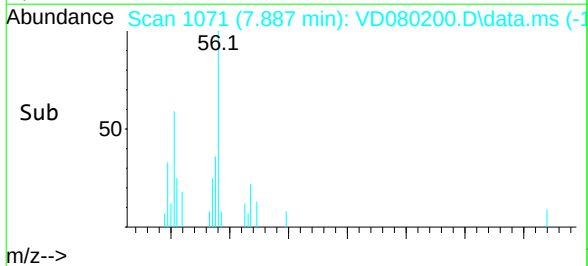
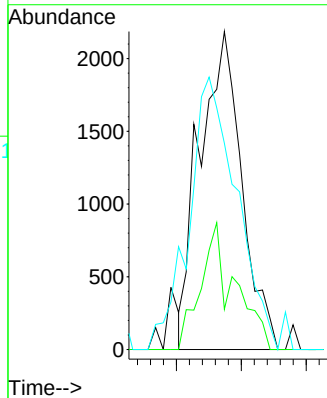
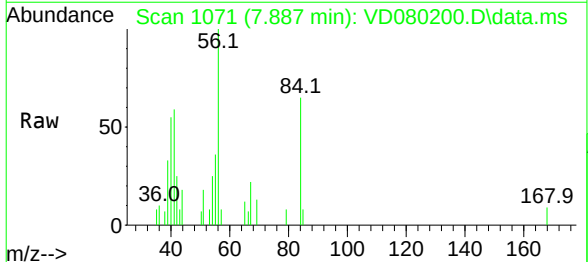
Manual Integrations
APPROVED

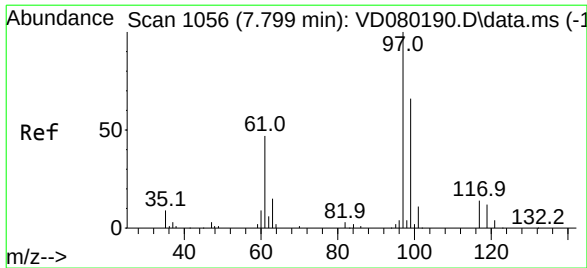
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#29
Cyclohexane
Concen: 0.889 ug/L
RT: 7.887 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VD080200.D
Acq: 09 Jan 2025 18:21

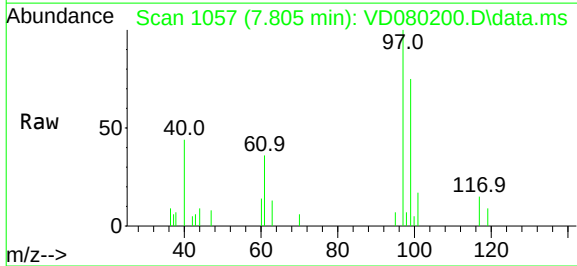
Tgt Ion: 56 Resp: 4928
Ion Ratio Lower Upper
56 100
69 12.0 24.2 36.4#
84 1.8 68.8 103.2#





#30
1,1,1-Trichloroethane
Concen: 1.141 ug/L m
RT: 7.805 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VD080200.D
Acq: 09 Jan 2025 18:21

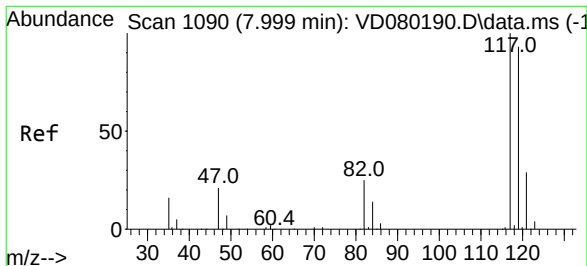
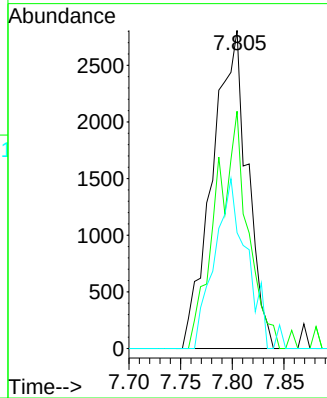
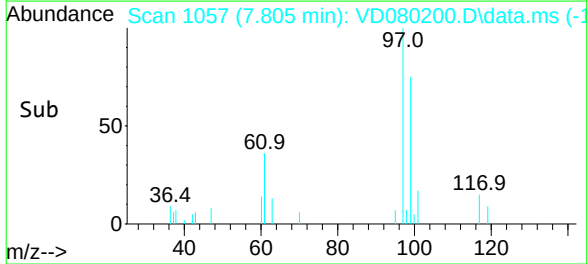
Instrument :
MSVOA_D
ClientSampleId :
MDL02



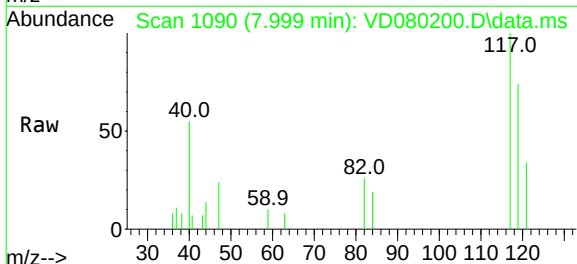
Tgt Ion: 97 Resp: 6661
Ion Ratio Lower Upper
97 100
99 39.5 51.7 77.5#
61 47.9 35.8 53.6

Manual Integrations
APPROVED

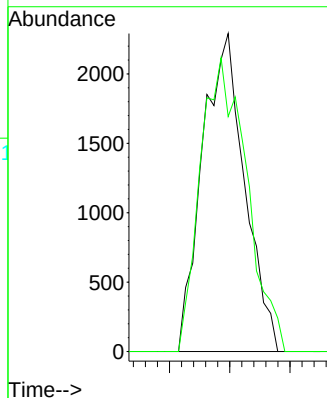
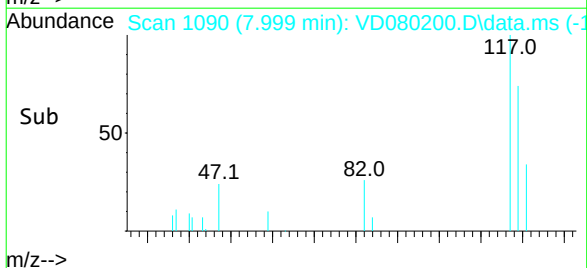
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

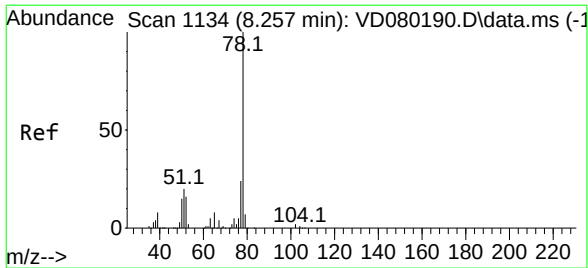


#31
Carbon tetrachloride
Concen: 1.082 ug/L
RT: 7.999 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD080200.D
Acq: 09 Jan 2025 18:21



Tgt Ion:117 Resp: 5576
Ion Ratio Lower Upper
117 100
119 101.2 75.8 113.8





#33

Benzene

Concen: 1.278 ug/L m

RT: 8.246 min Scan# 11

Delta R.T. -0.012 min

Lab File: VD080200.D

Acq: 09 Jan 2025 18:21

Instrument :

MSVOA_D

ClientSampleId :

MDL02

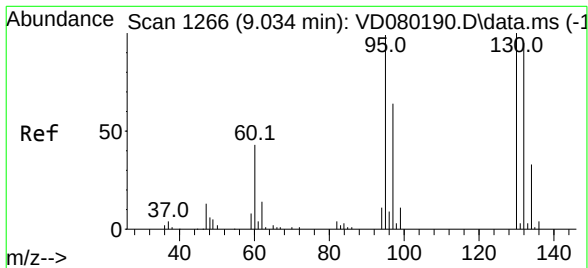
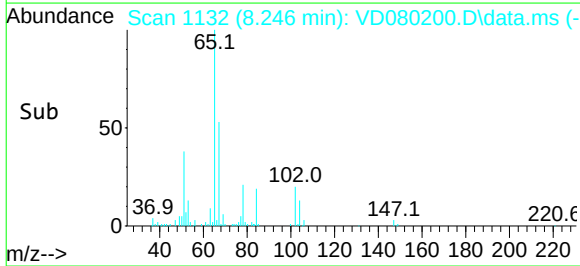
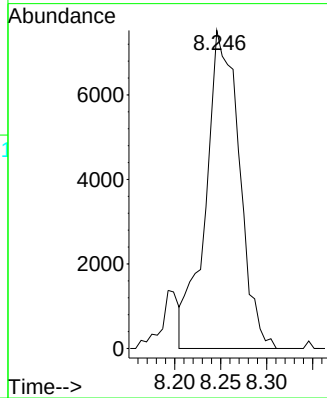
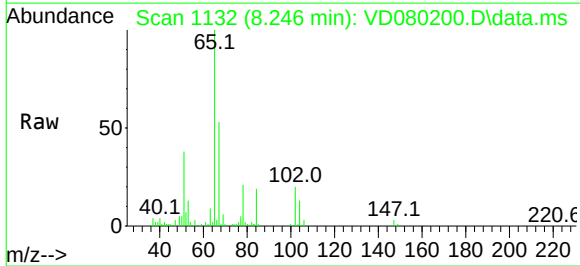
Tgt Ion: 78 Resp: 19153

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#34

Trichloroethene

Concen: 1.215 ug/L

RT: 9.028 min Scan# 1265

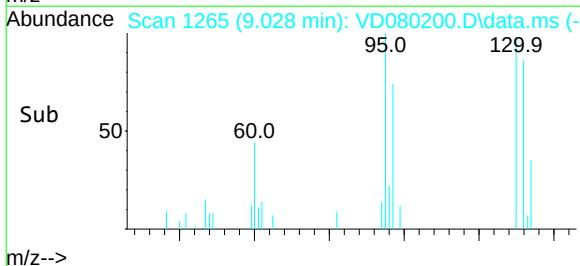
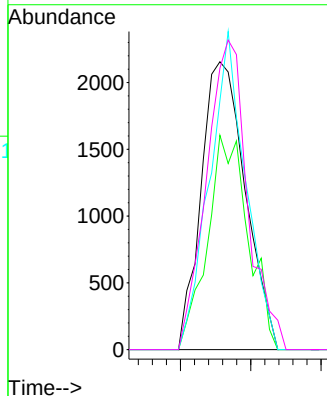
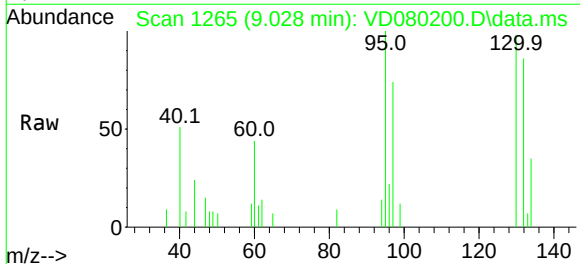
Delta R.T. -0.006 min

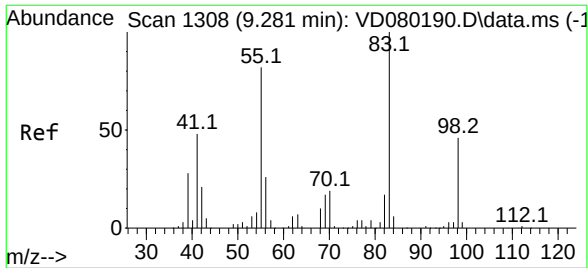
Lab File: VD080200.D

Acq: 09 Jan 2025 18:21

Tgt Ion: 95 Resp: 4716

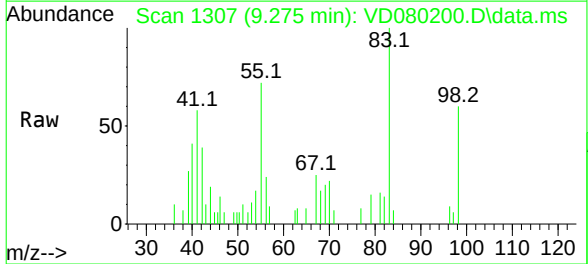
Ion	Ratio	Lower	Upper
95	100		
97	74.4	45.6	84.6
132	86.5	67.2	124.8
130	97.7	71.0	131.8





#35
Methylcyclohexane
Concen: 0.913 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.006 min
Lab File: VD080200.D
Acq: 09 Jan 2025 18:21

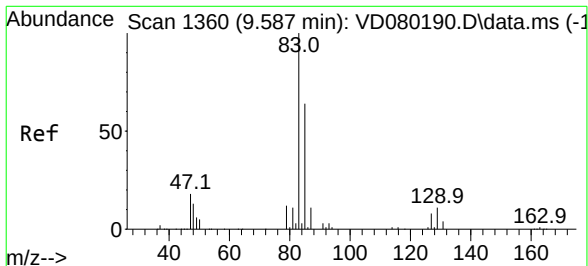
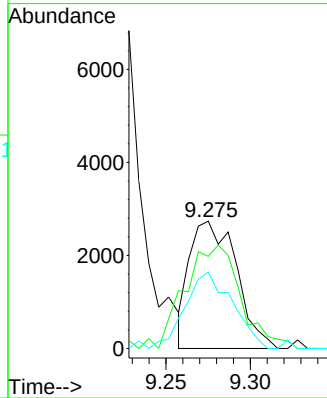
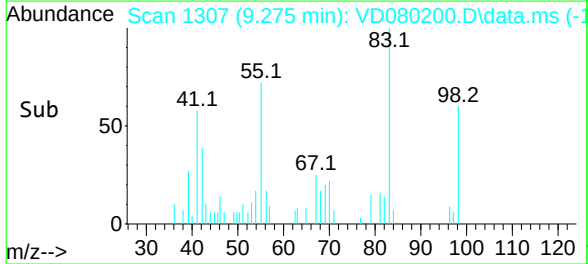
Instrument :
MSVOA_D
ClientSampleId :
MDL02



Tgt Ion:	83	Resp:	5271
Ion	Ratio	Lower	Upper
83	100		
55	96.2	65.6	98.4
98	60.4	37.7	56.5

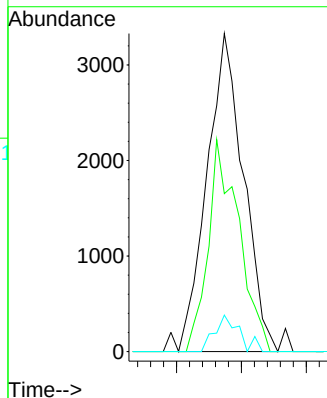
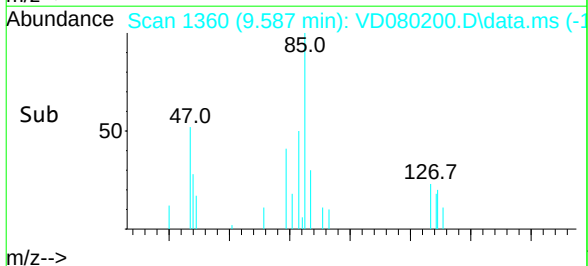
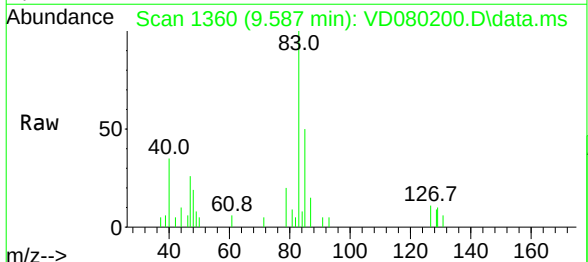
Manual Integrations
APPROVED

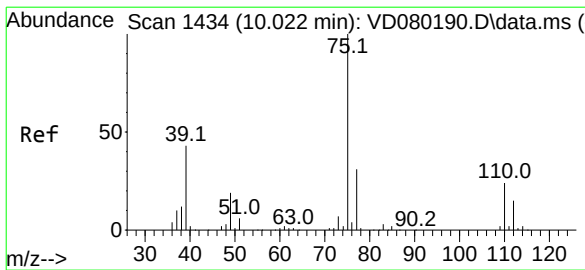
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#38
Bromodichloromethane
Concen: 1.272 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD080200.D
Acq: 09 Jan 2025 18:21

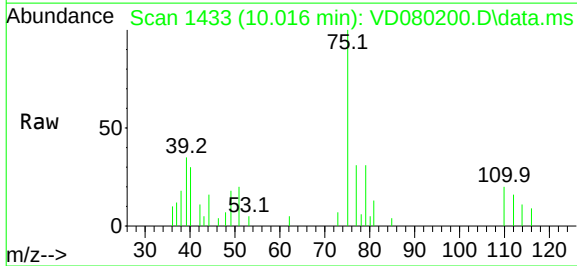
Tgt Ion:	83	Resp:	6510
Ion	Ratio	Lower	Upper
83	100		
85	49.7	44.6	82.8
127	11.5	6.7	10.1





#39
cis-1,3-Dichloropropene
Concen: 1.217 ug/L
RT: 10.016 min Scan# 14
Delta R.T. -0.006 min
Lab File: VD080200.D
Acq: 09 Jan 2025 18:21

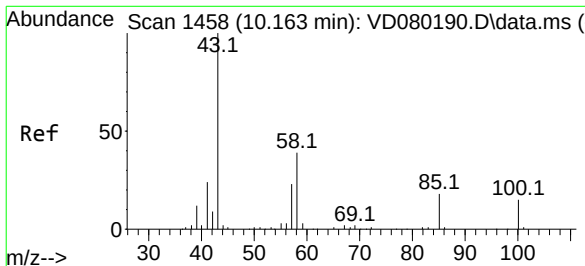
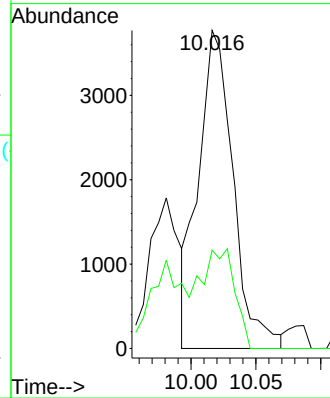
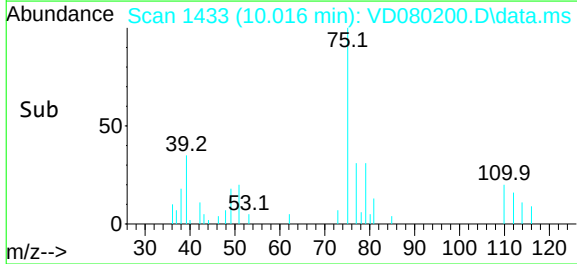
Instrument :
MSVOA_D
ClientSampleId :
MDL02



Tgt Ion: 75 Resp: 7021
Ion Ratio Lower Upper
75 100
77 30.9 22.0 40.8

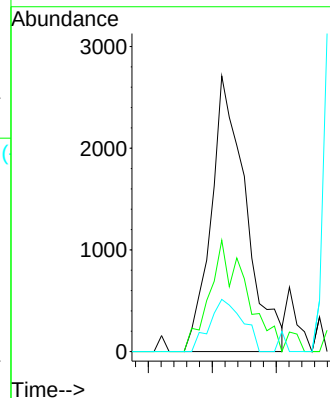
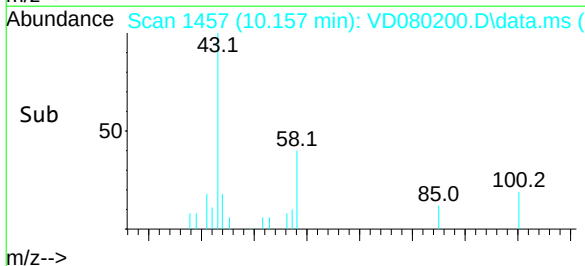
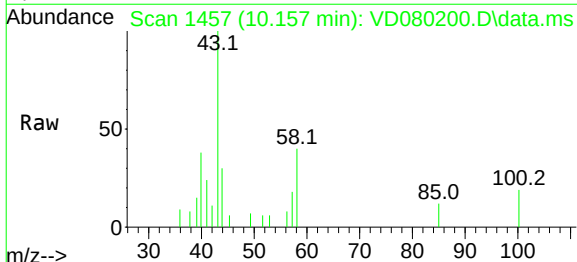
Manual Integrations
APPROVED

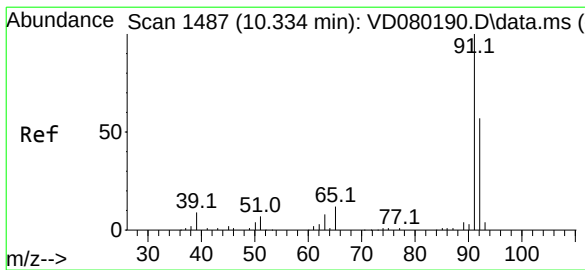
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#40
4-Methyl-2-pentanone
Concen: 2.559 ug/L m
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD080200.D
Acq: 09 Jan 2025 18:21

Tgt Ion: 43 Resp: 5128
Ion Ratio Lower Upper
43 100
58 23.2 31.0 46.6#
100 18.0 12.1 18.1





#42

Toluene

Concen: 1.122 ug/L

RT: 10.334 min Scan# 14

Delta R.T. 0.000 min

Lab File: VD080200.D

Acq: 09 Jan 2025 18:21

Instrument :

MSVOA_D

ClientSampleId :

MDL02

Tgt Ion: 91 Resp: 17559

Ion Ratio Lower Upper

91 100

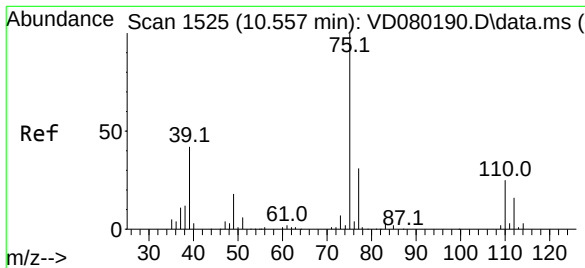
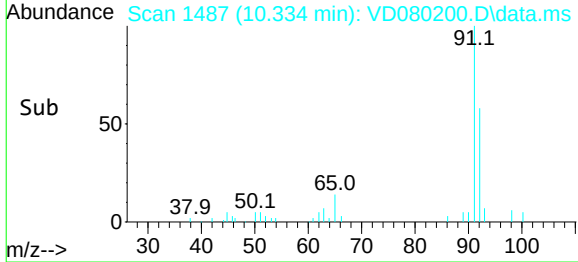
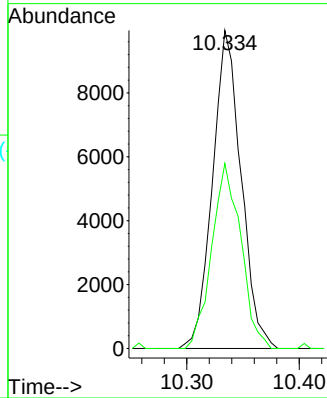
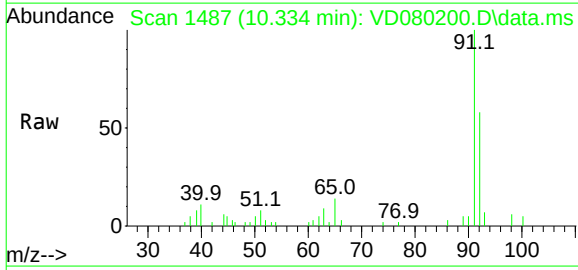
92 58.2 39.8 73.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#44

trans-1,3-Dichloropropene

Concen: 1.686 ug/L

RT: 10.552 min Scan# 1524

Delta R.T. -0.006 min

Lab File: VD080200.D

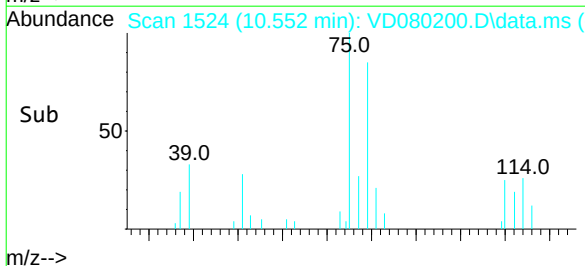
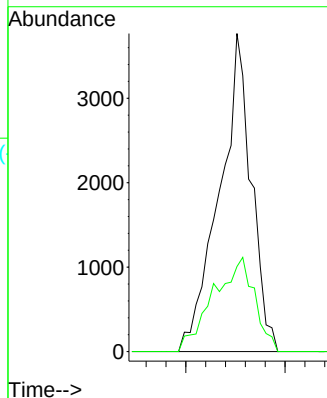
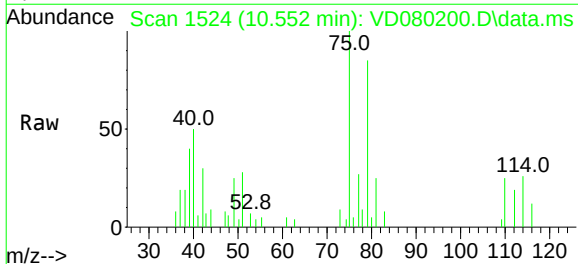
Acq: 09 Jan 2025 18:21

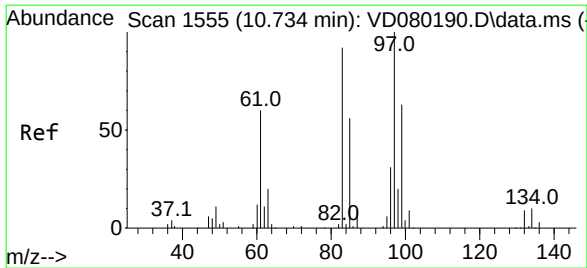
Tgt Ion: 75 Resp: 8400

Ion Ratio Lower Upper

75 100

77 26.7 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 1.178 ug/L

RT: 10.740 min Scan# 1555

Delta R.T. 0.006 min

Lab File: VD080200.D

Acq: 09 Jan 2025 18:21

Instrument :

MSVOA_D

ClientSampleId :

MDL02

Tgt Ion: 97 Resp: 3510

Ion Ratio Lower Upper

97 100

99 60.5 44.0 81.8

83 86.4 64.4 119.6

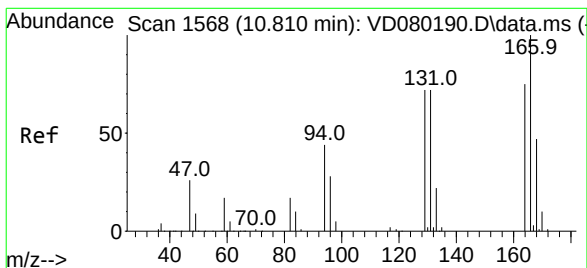
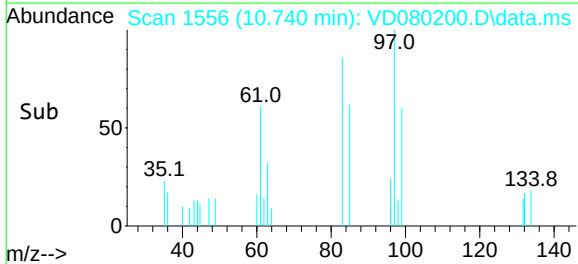
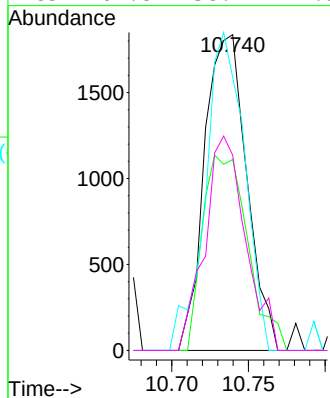
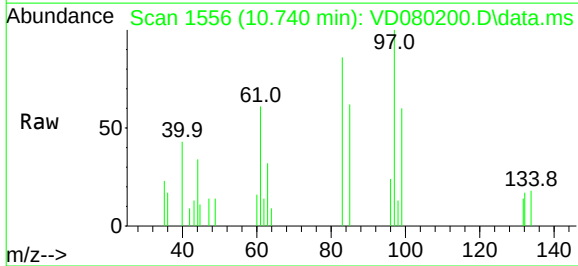
85 61.8 38.9 72.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#46

Tetrachloroethene

Concen: 1.138 ug/L

RT: 10.816 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VD080200.D

Acq: 09 Jan 2025 18:21

Tgt Ion:164 Resp: 3558

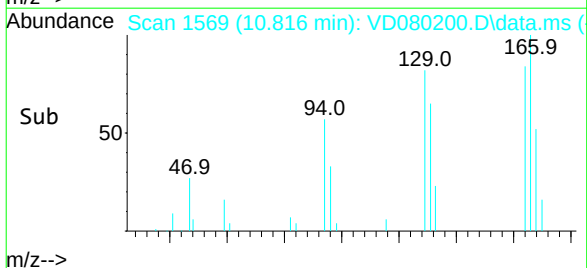
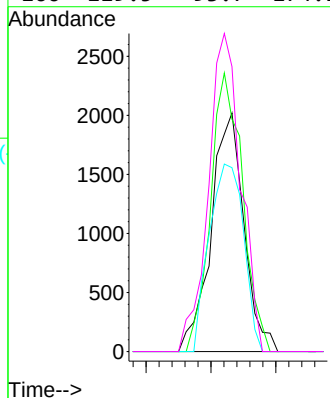
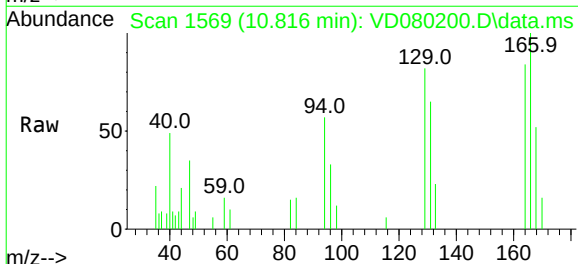
Ion Ratio Lower Upper

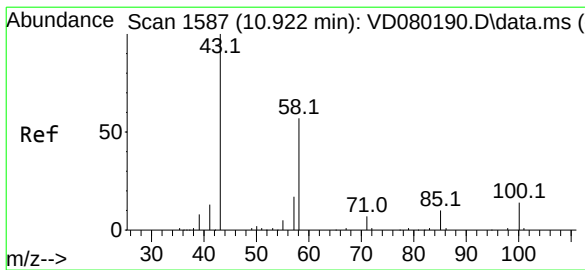
164 100

129 97.4 67.8 125.8

131 77.1 67.6 125.6

166 119.5 93.7 174.1





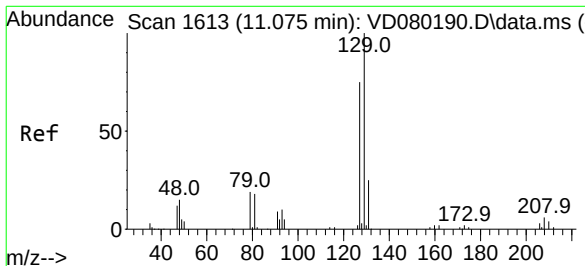
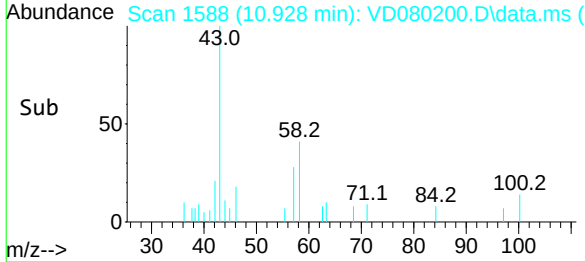
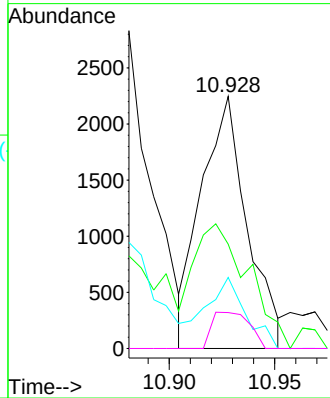
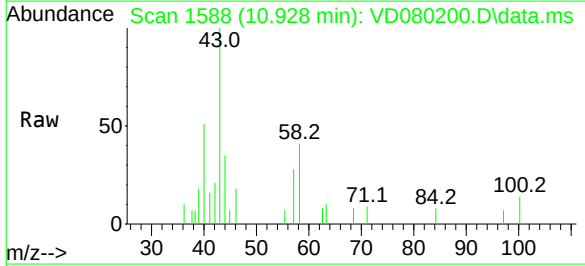
#48
2-Hexanone
Concen: 2.491 ug/L
RT: 10.928 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD080200.D
Acq: 09 Jan 2025 18:21

Instrument : MSVOA_D
ClientSampleId : MDL02

Tgt Ion: 43	Resp: 3403
Ion Ratio	Lower Upper
43 100	
58 59.0	42.5 63.7
57 25.4	15.5 23.3
100 11.8	9.7 14.5

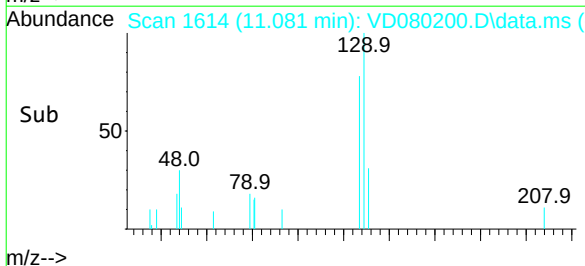
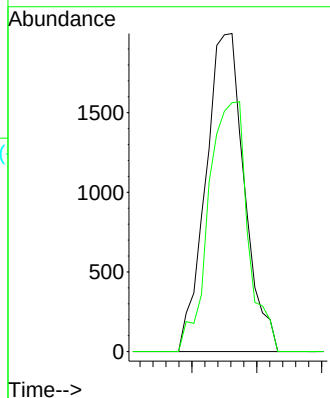
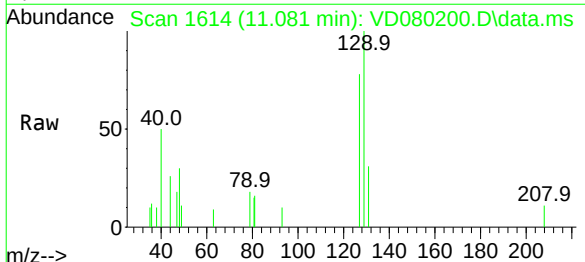
Manual Integrations
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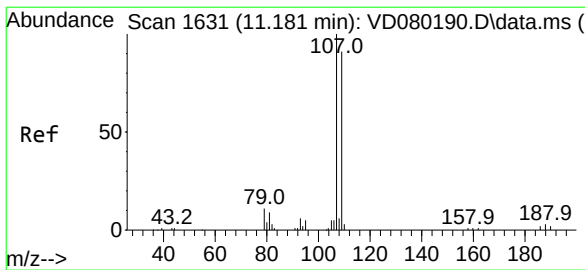
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#49
Dibromochloromethane
Concen: 1.246 ug/L
RT: 11.081 min Scan# 1614
Delta R.T. 0.006 min
Lab File: VD080200.D
Acq: 09 Jan 2025 18:21

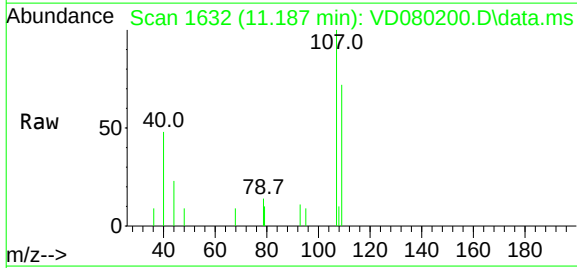
Tgt Ion:129	Resp: 4137
Ion Ratio	Lower Upper
129 100	
127 78.2	52.3 97.1





#50
1,2-Dibromoethane
Concen: 1.324 ug/L
RT: 11.187 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD080200.D
Acq: 09 Jan 2025 18:21

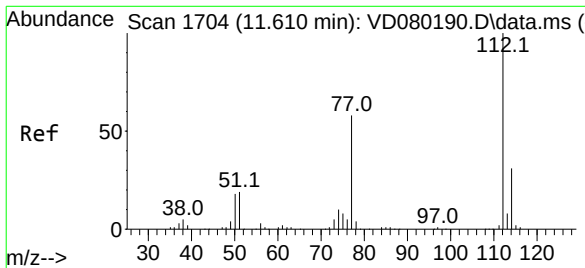
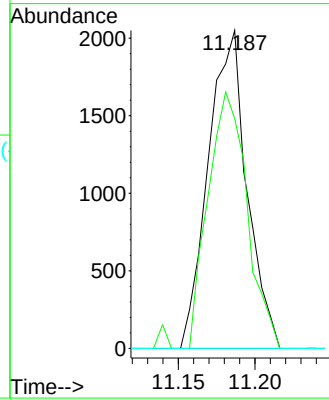
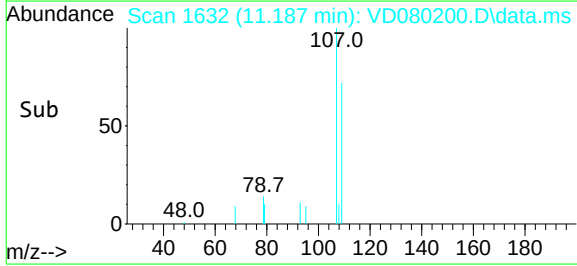
Instrument :
MSVOA_D
ClientSampleId :
MDL02



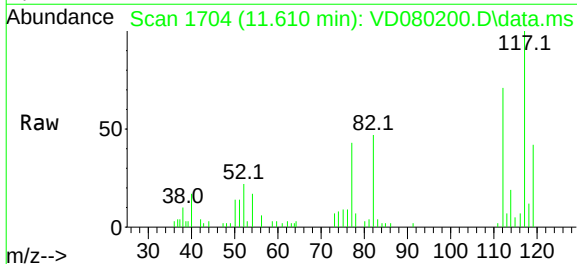
Tgt Ion:107 Resp: 3586
Ion Ratio Lower Upper
107 100
109 72.3 63.8 118.6
188 0.0 2.8 4.2#

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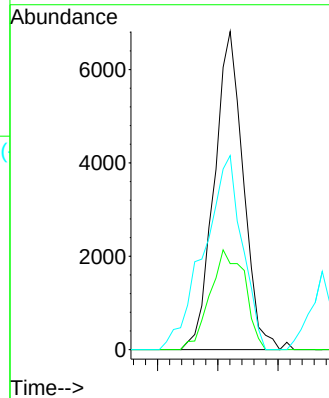
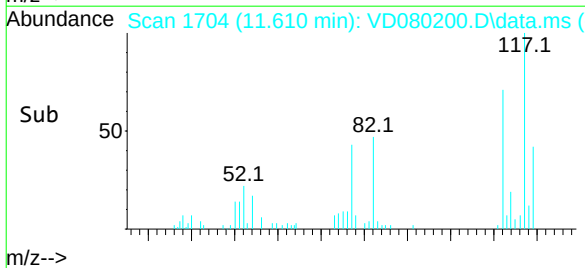
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

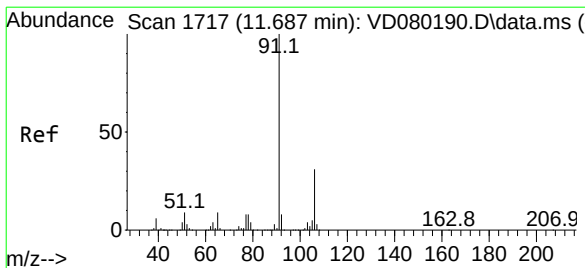


#51
Chlorobenzene
Concen: 1.136 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD080200.D
Acq: 09 Jan 2025 18:21



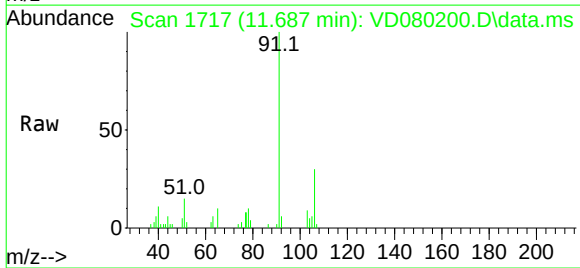
Tgt Ion:112 Resp: 11401
Ion Ratio Lower Upper
112 100
114 27.0 21.8 40.6
77 61.0 46.8 70.2





#52
Ethylbenzene
Concen: 1.006 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD080200.D
Acq: 09 Jan 2025 18:21

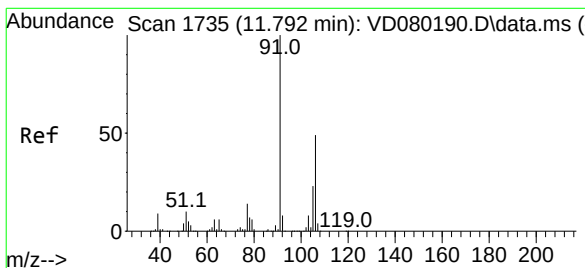
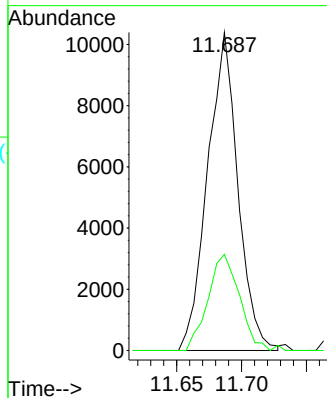
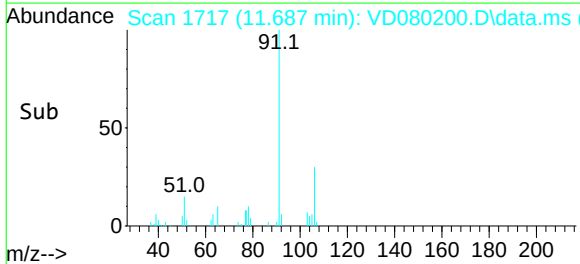
Instrument :
MSVOA_D
ClientSampleId :
MDL02



Tgt Ion: 91 Resp: 16905
Ion Ratio Lower Upper
91 100
106 30.2 21.8 40.6

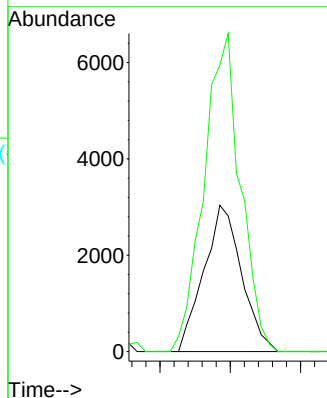
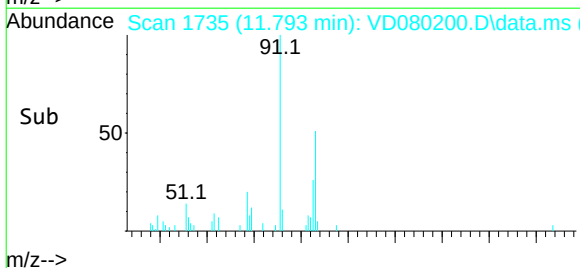
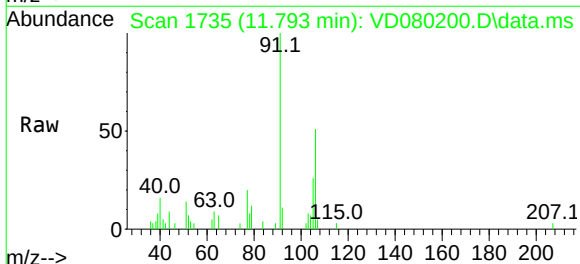
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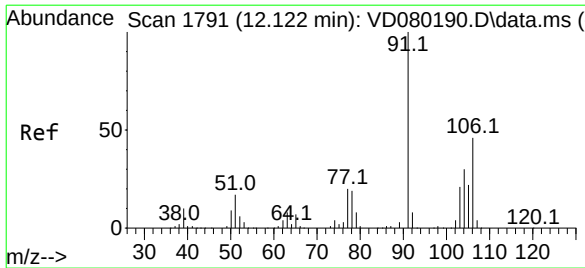
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#53
m,p-Xylene
Concen: 0.903 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD080200.D
Acq: 09 Jan 2025 18:21

Tgt Ion:106 Resp: 5669
Ion Ratio Lower Upper
106 100
91 195.8 144.1 267.7





#54

o-Xylene

Concen: 0.913 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD080200.D

Acq: 09 Jan 2025 18:21

Instrument :

MSVOA_D

ClientSampleId :

MDL02

Tgt Ion:106 Resp: 5364

Ion Ratio Lower Upper

106 100

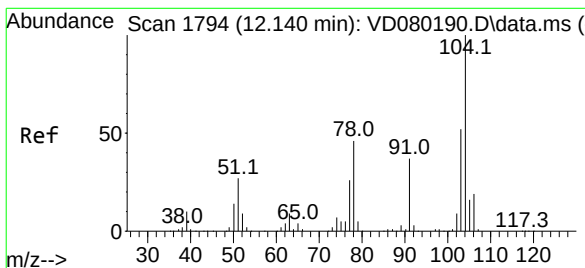
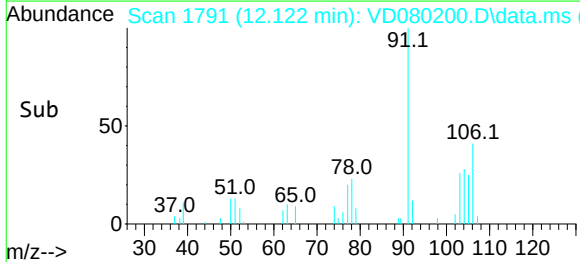
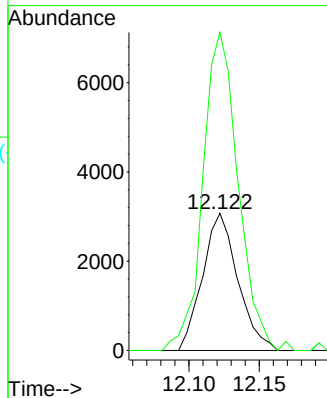
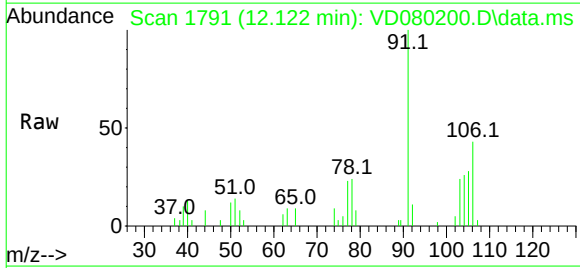
91 231.9 153.8 285.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#55

Styrene

Concen: 0.869 ug/L

RT: 12.140 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VD080200.D

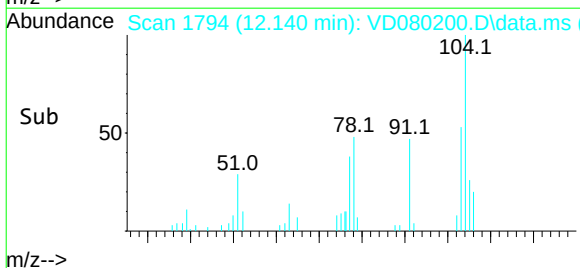
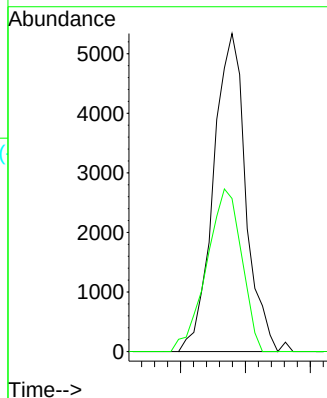
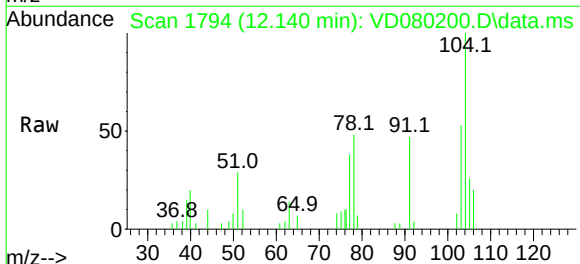
Acq: 09 Jan 2025 18:21

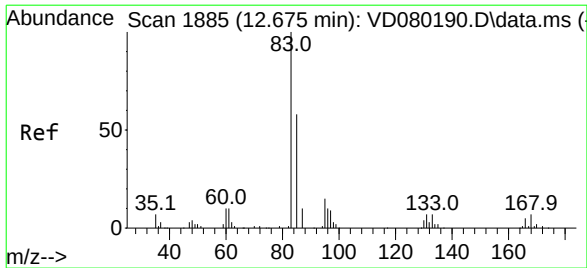
Tgt Ion:104 Resp: 9240

Ion Ratio Lower Upper

104 100

78 48.1 31.9 59.3





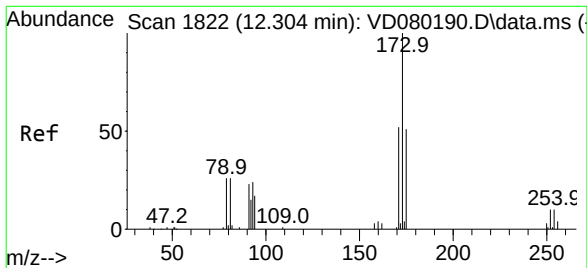
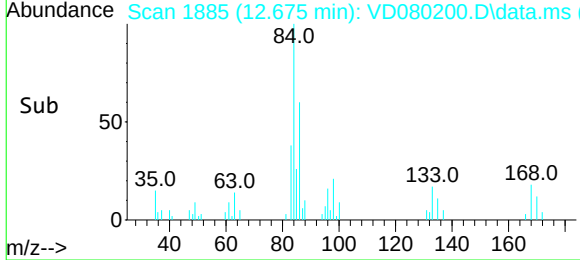
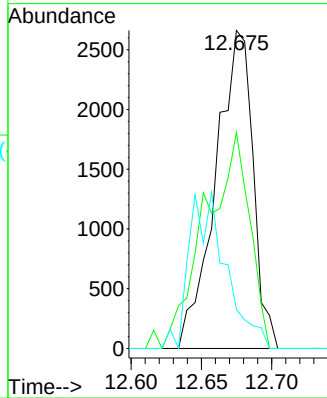
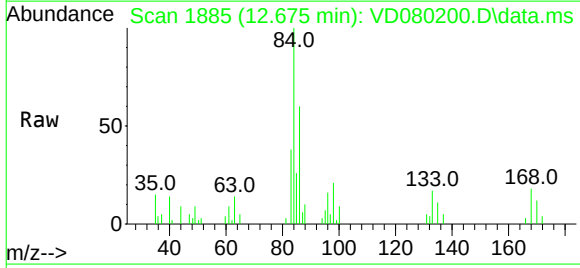
#57
1,1,2,2-Tetrachloroethane
Concen: 1.455 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD080200.D
Acq: 09 Jan 2025 18:21

Instrument :
MSVOA_D
ClientSampleId :
MDL02

Tgt Ion:	83	Resp:	4917
Ion Ratio	Lower	Upper	
83	100		
85	67.9	40.7	75.5
131	12.3	6.2	9.2#

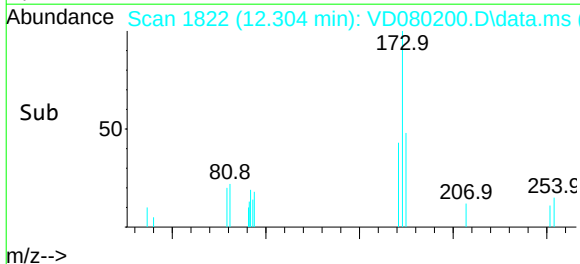
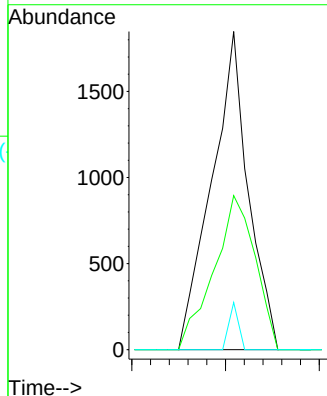
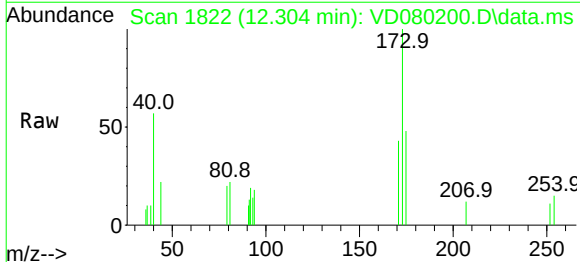
Manual Integrations
APPROVED

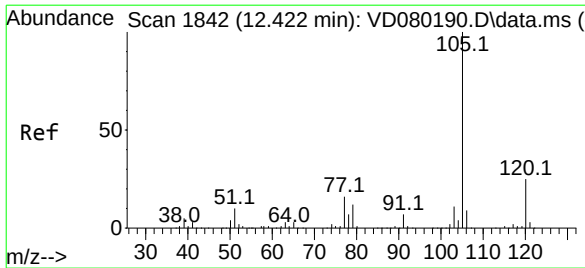
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#59
Bromoform
Concen: 1.466 ug/L
RT: 12.304 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VD080200.D
Acq: 09 Jan 2025 18:21

Tgt Ion:	173	Resp:	2507
Ion Ratio	Lower	Upper	
173	100		
175	54.6	38.2	57.4
254	0.0	8.3	12.5#





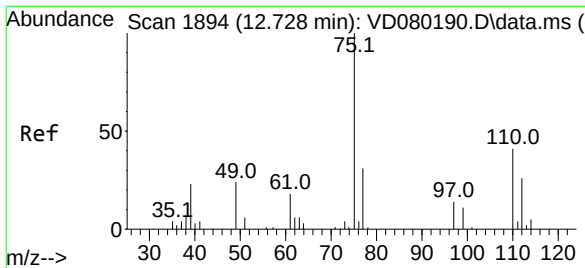
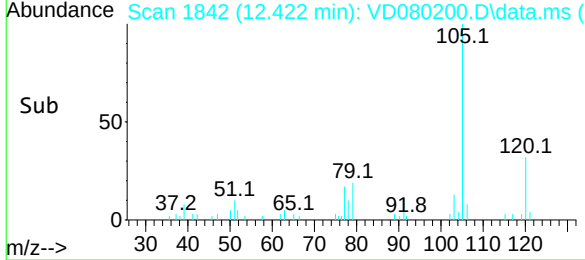
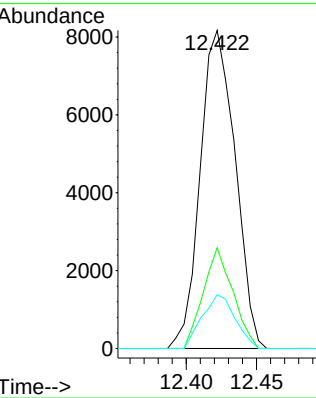
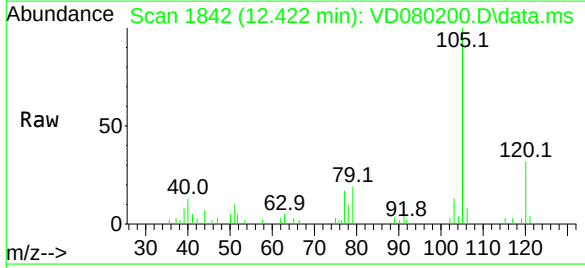
#60
Isopropylbenzene
Concen: 1.061 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD080200.D
Acq: 09 Jan 2025 18:21

Instrument :
MSVOA_D
ClientSampleId :
MDL02

Tgt Ion:	105	Resp:	14113
Ion Ratio	Lower	Upper	
105	100		
120	26.9	20.6	30.8
77	15.9	13.0	19.6

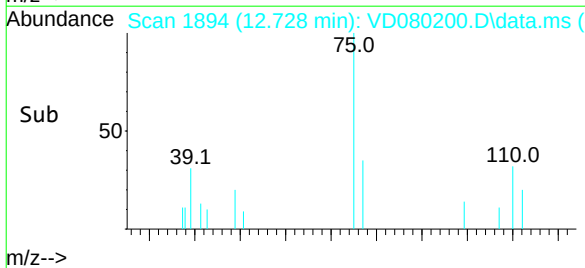
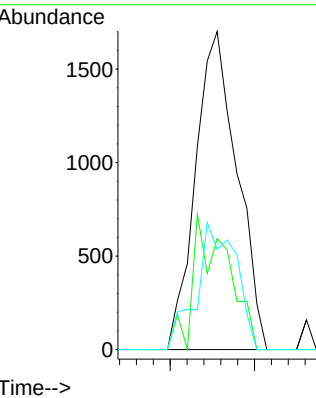
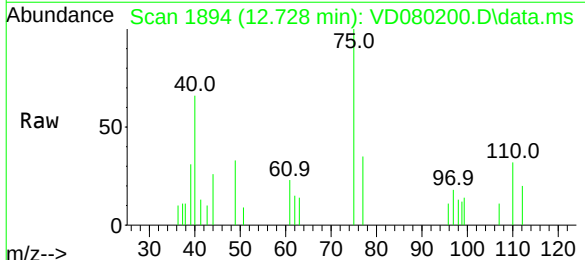
Manual Integrations
APPROVED

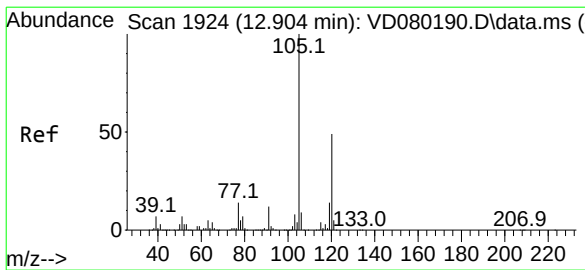
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#61
1,2,3-Trichloropropane
Concen: 1.447 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD080200.D
Acq: 09 Jan 2025 18:21

Tgt Ion:	75	Resp:	2918
Ion Ratio	Lower	Upper	
75	100		
77	19.9	25.7	38.5#
110	9.6	31.5	47.3#





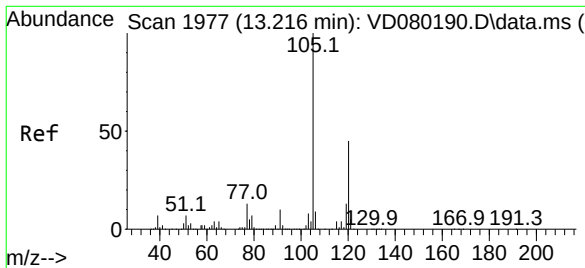
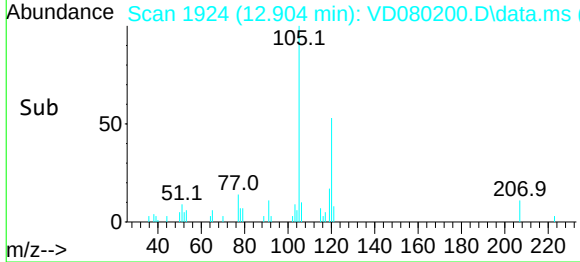
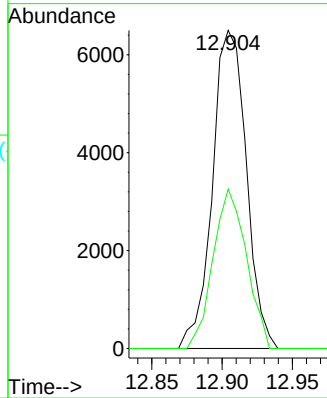
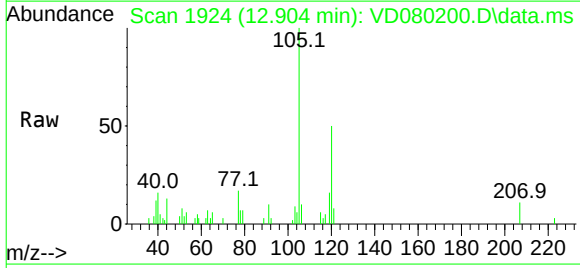
#62
1,3,5-Trimethylbenzene
Concen: 1.029 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD080200.D
Acq: 09 Jan 2025 18:21

Instrument :
MSVOA_D
ClientSampleId :
MDL02

Tgt Ion:105 Resp: 10908
Ion Ratio Lower Upper
105 100
120 49.3 38.9 58.3

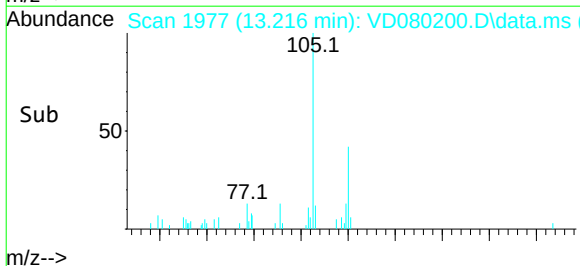
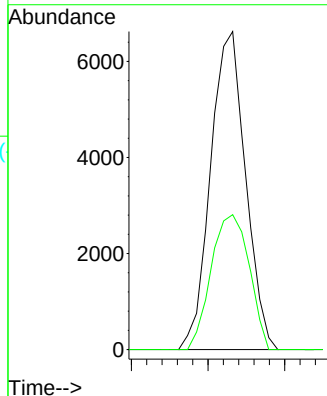
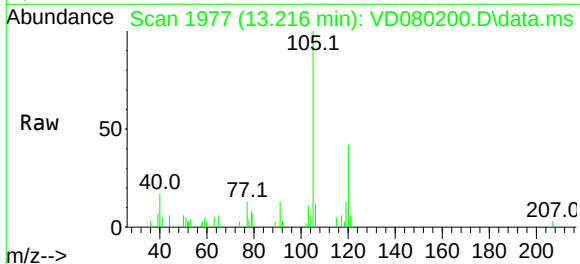
Manual Integrations
APPROVED

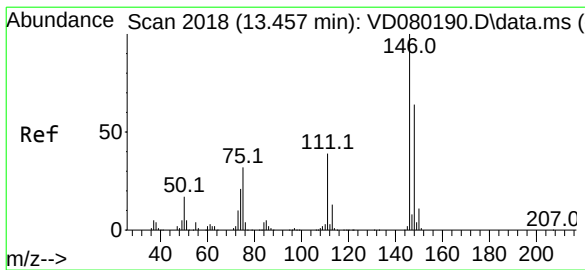
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#63
1,2,4-Trimethylbenzene
Concen: 1.015 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD080200.D
Acq: 09 Jan 2025 18:21

Tgt Ion:105 Resp: 10489
Ion Ratio Lower Upper
105 100
120 46.1 36.1 54.1





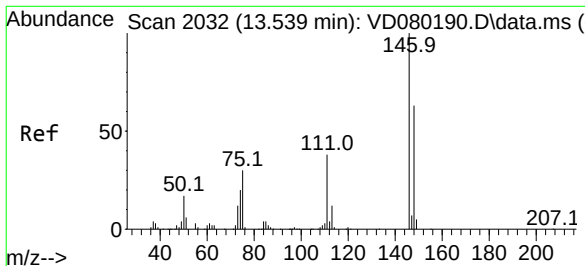
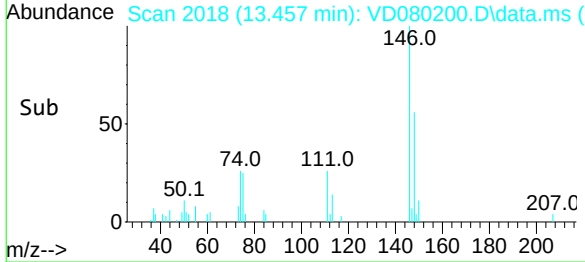
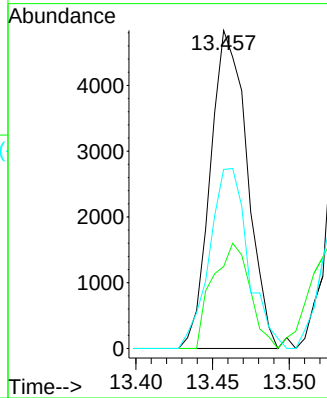
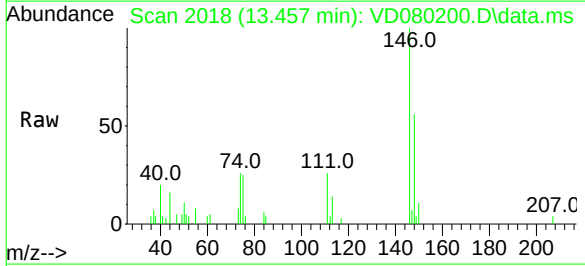
#64
1,3-Dichlorobenzene
Concen: 1.242 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD080200.D
Acq: 09 Jan 2025 18:21

Instrument :
MSVOA_D
ClientSampleId :
MDL02

Tgt	Ion:146	Resp:	8075
Ion	Ratio	Lower	Upper
146	100		
111	25.7	27.2	50.6
148	56.3	44.8	83.2

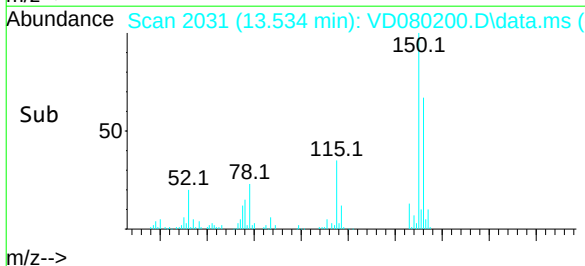
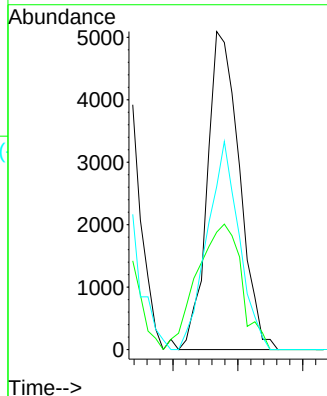
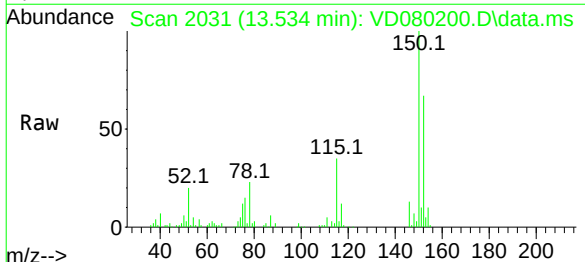
Manual Integrations
APPROVED

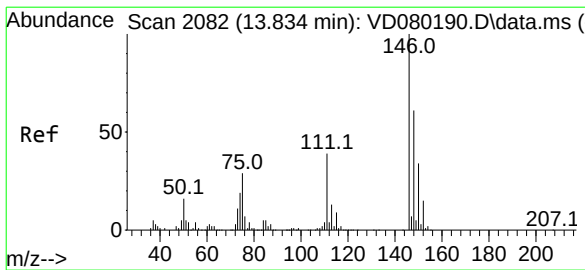
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#65
1,4-Dichlorobenzene
Concen: 1.305 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD080200.D
Acq: 09 Jan 2025 18:21

Tgt	Ion:146	Resp:	8762
Ion	Ratio	Lower	Upper
146	100		
111	36.9	26.7	49.7
148	51.2	44.1	81.9





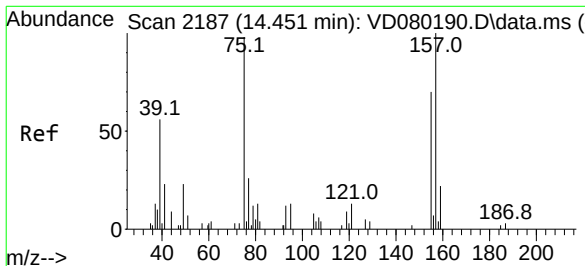
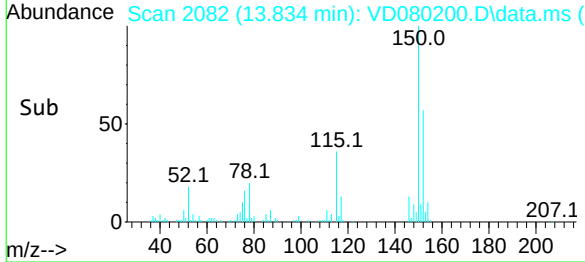
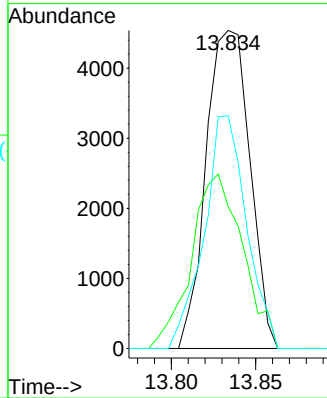
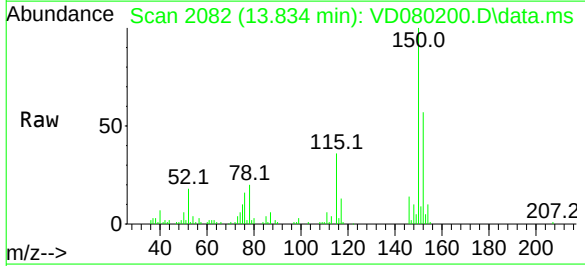
#67
1,2-Dichlorobenzene
Concen: 1.410 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD080200.D
Acq: 09 Jan 2025 18:21

Instrument :
MSVOA_D
ClientSampleId :
MDL02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.6	31.4	47.0
148	73.2	48.8	73.2

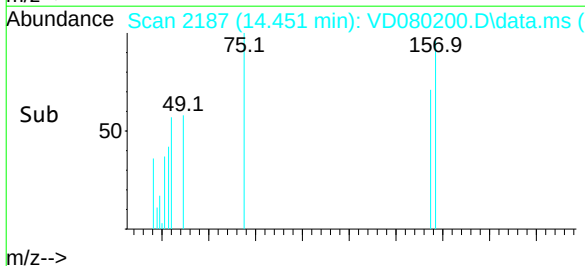
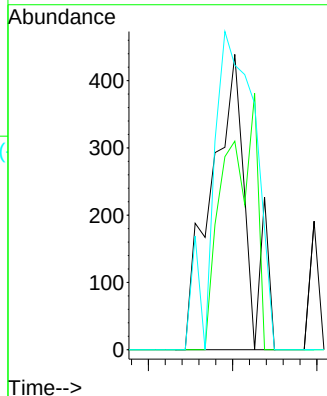
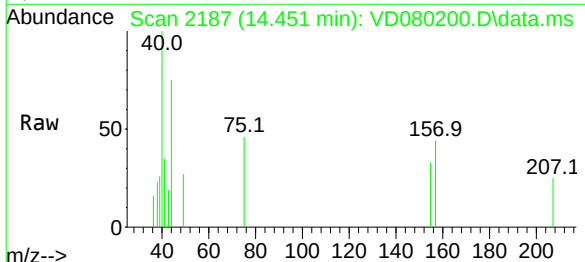
Manual Integrations
APPROVED

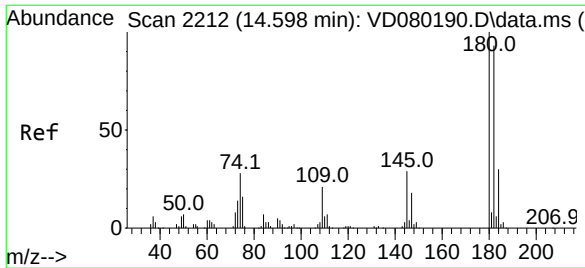
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#68
1,2-Dibromo-3-chloropropane
Concen: 1.485 ug/L m
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD080200.D
Acq: 09 Jan 2025 18:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.6	57.3	85.9
157	96.4	82.0	123.0





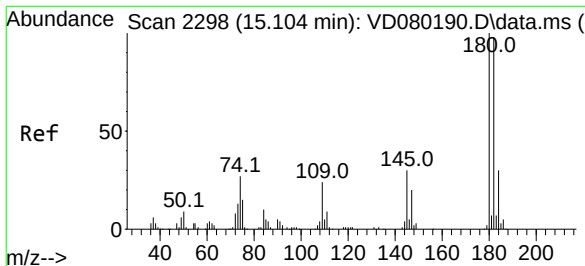
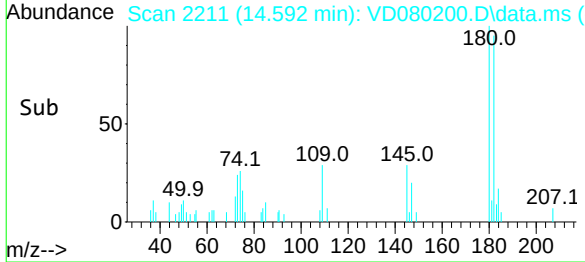
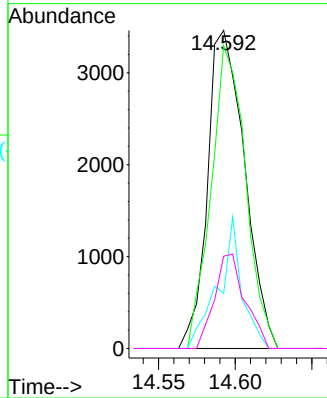
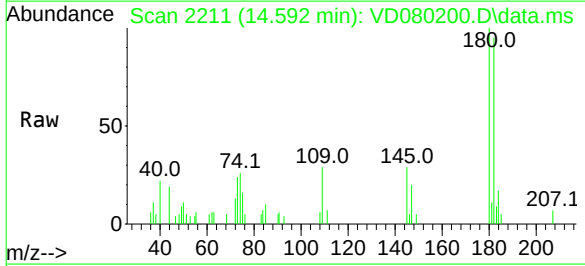
#69
1,3,5-Trichlorobenzene
Concen: 1.314 ug/L
RT: 14.592 min Scan# 2212
Delta R.T. -0.006 min
Lab File: VD080200.D
Acq: 09 Jan 2025 18:21

Instrument :
MSVOA_D
ClientSampleId :
MDL02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.0	75.4	113.0
184	26.5	24.0	36.0
145	24.5	23.4	35.0

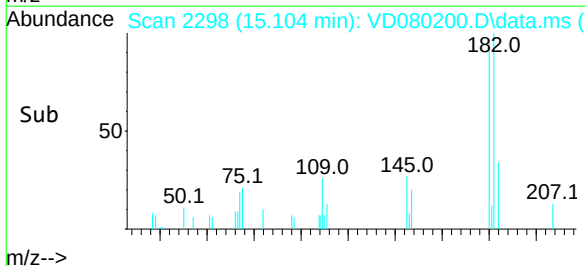
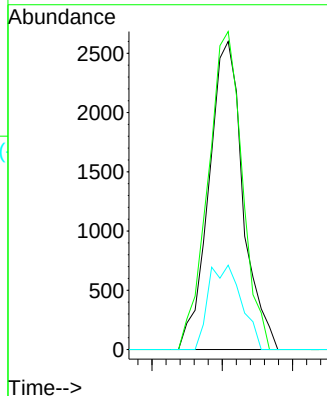
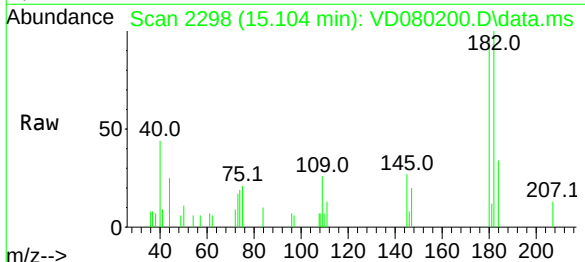
Manual Integrations
APPROVED

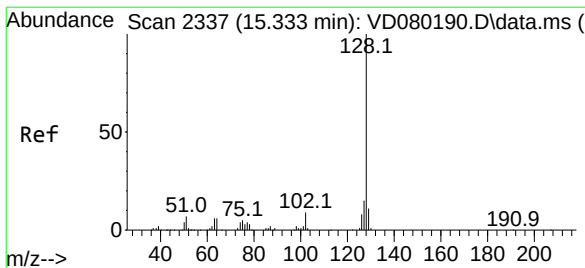
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#70
1,2,4-trichlorobenzene
Concen: 1.217 ug/L
RT: 15.104 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VD080200.D
Acq: 09 Jan 2025 18:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	103.4	76.9	115.3
145	26.6	23.5	35.3





#71

Naphthalene

Concen: 1.209 ug/L

RT: 15.339 min Scan# 2337

Delta R.T. 0.006 min

Lab File: VD080200.D

Acq: 09 Jan 2025 18:21

Instrument :

MSVOA_D

ClientSampleId :

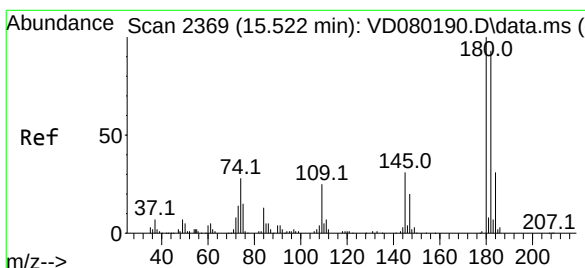
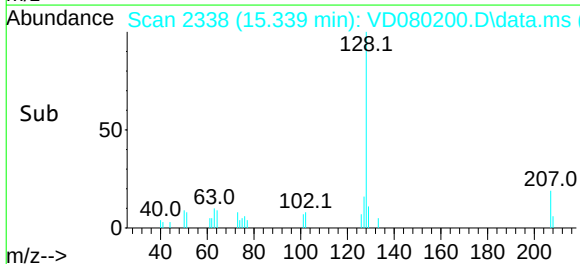
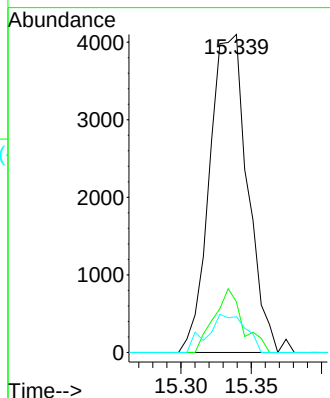
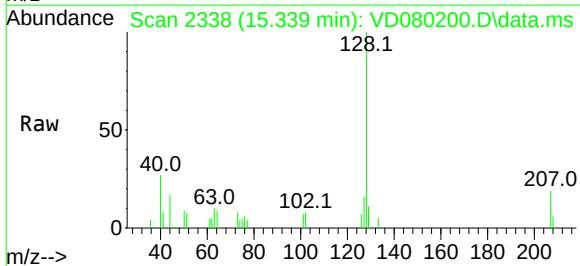
MDL02

Tgt Ion:	128	Resp:	7678
Ion	Ratio	Lower	Upper
128	100		
127	13.3	11.5	17.3
129	10.2	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: 1.162 ug/L

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD080200.D

Acq: 09 Jan 2025 18:21

Tgt Ion:	180	Resp:	3896
Ion	Ratio	Lower	Upper
180	100		
182	105.0	74.8	112.2
145	28.8	24.2	36.4

