

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012825\
 Data File : VW031609.D
 Acq On : 28 Jan 2025 11:26
 Operator : SY/MD
 Sample : Q1190-06MS
 Misc : 7.57g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A44S6MS

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/29/2025
 Supervised By : Mahesh Dadoda 01/29/2025

Quant Time: Jan 29 07:32:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 28 00:17:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	784800	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.623	117	576959	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	187529	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.363	65	196526	15.958	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.840%
7) Chloroethane-d5	2.893	69	157412	17.898	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.600%
11) 1,1-Dichloroethene-d2	4.021	65	99623	18.182	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.720%
21) 2-Butanone-d5	7.081	46	177737	89.782	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	179.560%#
24) Chloroform-d	7.648	84	468832	23.083	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.320%
26) 1,2-Dichloroethane-d4	8.301	65	271284	27.137	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.560%
32) Benzene-d6	8.270	84	914562	25.235	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.960%
36) 1,2-Dichloropropane-d6	9.270	67	297121	27.767	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.080%
41) Toluene-d8	10.318	98	742749	22.703	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	10.575	79	128333	29.206	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	116.840%
47) 2-Hexanone-d5	10.922	63	129154	118.275	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	236.560%#
56) 1,1,2,2-Tetrachloroeth...	12.684	84	250189	38.234	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	152.920%#
66) 1,2-Dichlorobenzene-d4	13.848	152	142342	21.641	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.560%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.009	85	210121	20.585	ug/L	96
3) Chloromethane	2.222	50	206196	19.490	ug/L	99
5) Vinyl chloride	2.375	62	265509	19.675	ug/L	99
6) Bromomethane	2.789	94	149437	18.946	ug/L	99
8) Chloroethane	2.930	64	152577	19.234	ug/L	100
9) Trichlorofluoromethane	3.259	101	229139	17.091	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	204889	19.959	ug/L	97
12) 1,1-Dichloroethene	4.039	96	212450	20.344	ug/L	97
13) Acetone	4.149	43	143686	94.308	ug/L #	58
14) Carbon disulfide	4.387	76	617923	17.566	ug/L	98
15) Methyl Acetate	4.679	43	149252m	37.393	ug/L	
16) Methylene chloride	4.917	84	236169	22.096	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	236762	21.109	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	525705	29.229	ug/L	99
19) 1,1-Dichloroethane	6.216	63	481432	22.814	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	267027	22.297	ug/L	97
22) 2-Butanone	7.179	43	203363	78.153	ug/L	100
23) Bromochloromethane	7.514	128	120784	25.754	ug/L	96
25) Chloroform	7.673	83	461050	22.970	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	333791	27.000	ug/L	100
29) Cyclohexane	7.953	56	363099	19.635	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	359198	23.983	ug/L	100
31) Carbon tetrachloride	8.069	117	309389	23.299	ug/L	97
33) Benzene	8.319	78	989723	25.064	ug/L	100
34) Trichloroethene	9.087	95	239980	22.605	ug/L	96
35) Methylcyclohexane	9.331	83	280370	14.730	ug/L	98
37) 1,2-Dichloropropane	9.367	63	270071	27.212	ug/L	100
38) Bromodichloromethane	9.642	83	326137	27.166	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	429513	27.511	ug/L	100
40) 4-Methyl-2-pentanone	10.203	43	468370	94.546	ug/L	99
42) Toluene	10.379	91	943335	22.854	ug/L	97
44) trans-1,3-Dichloropropene	10.599	75	358528	28.730	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	209010	32.855	ug/L	99
46) Tetrachloroethene	10.855	164	140050	18.383	ug/L	97
48) 2-Hexanone	10.965	43	327052	108.035	ug/L	99
49) Dibromochloromethane	11.129	129	200445	28.637	ug/L	100
50) 1,2-Dibromoethane	11.233	107	197272	33.459	ug/L	97
51) Chlorobenzene	11.654	112	524814	20.590	ug/L	99
52) Ethylbenzene	11.727	91	931486	19.668	ug/L	96
53) m,p-Xylene	11.836	106	336065	18.610	ug/L	97
54) o-Xylene	12.160	106	341623	20.356	ug/L	97
55) Styrene	12.172	104	543180	19.451	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	245439	35.112	ug/L	99
59) Bromoform	12.342	173	110138	44.076	ug/L	98
60) Isopropylbenzene	12.458	105	787996	24.054	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	194294	55.172	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	585564	21.708	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	559572	21.314	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	251362	19.346	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	254526	19.806	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	229714	20.703	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	42676	54.204	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	107959	12.261	ug/L	99
70) 1,2,4-trichlorobenzene	15.122	180	85724	12.223	ug/L	95
71) Naphthalene	15.360	128	292703	22.257	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	72018	12.192	ug/L	97

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

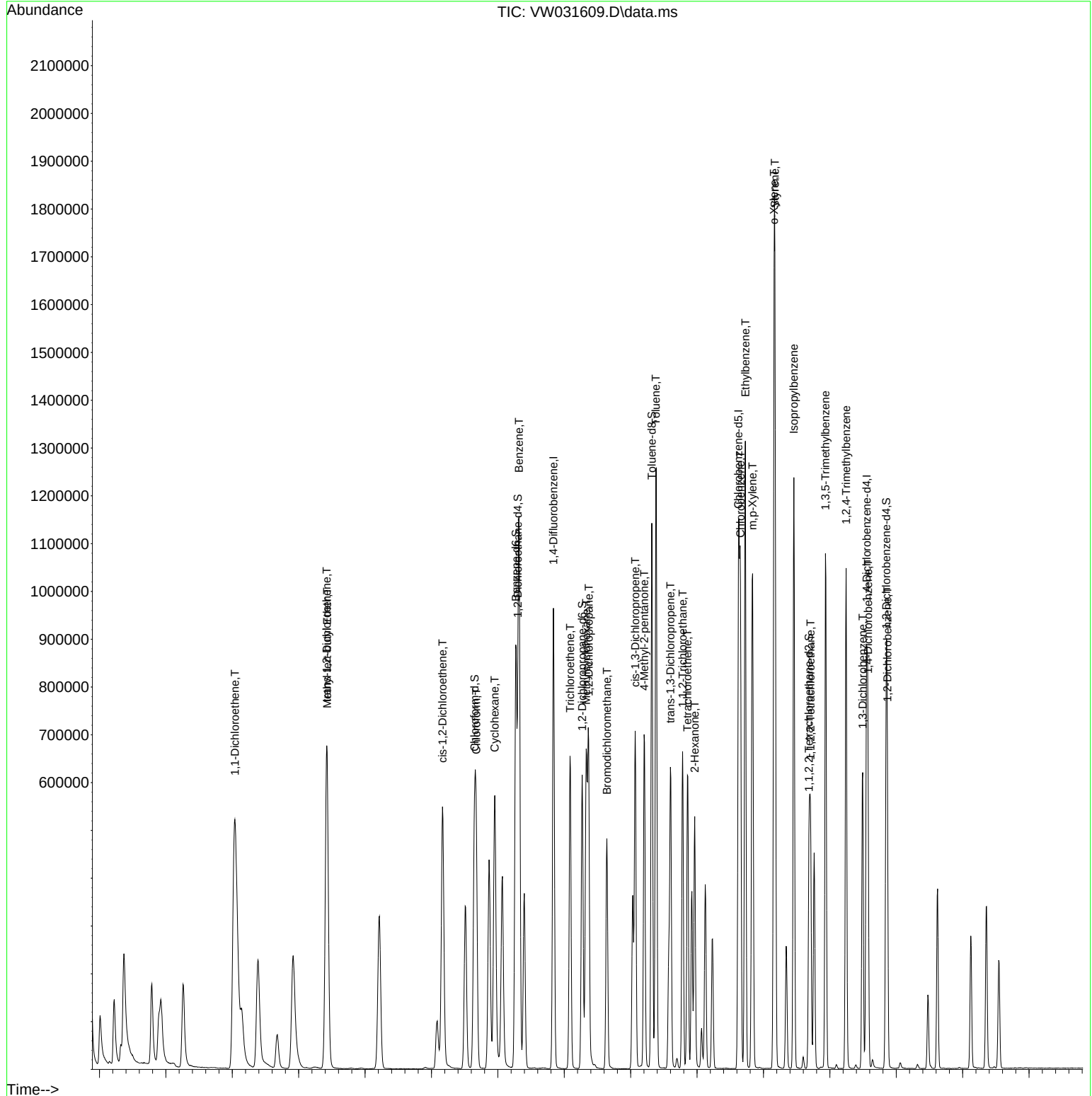
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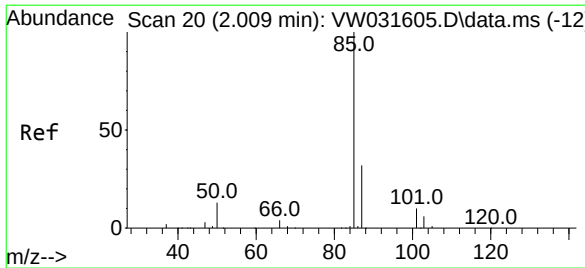
Instrument :
 MSVOA_W
 ClientSampleId :
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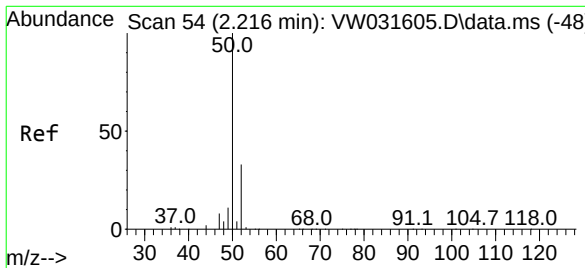
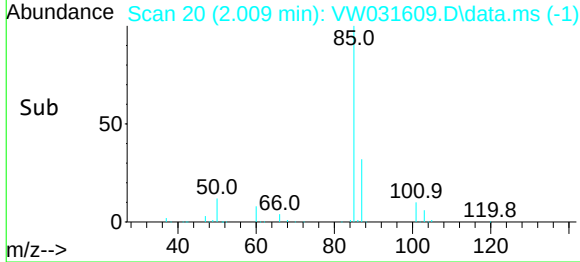
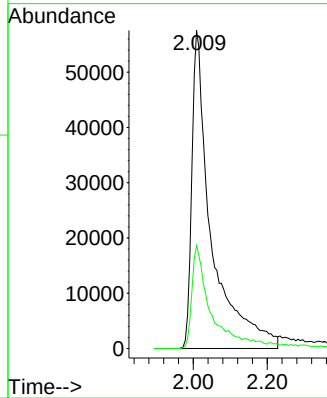
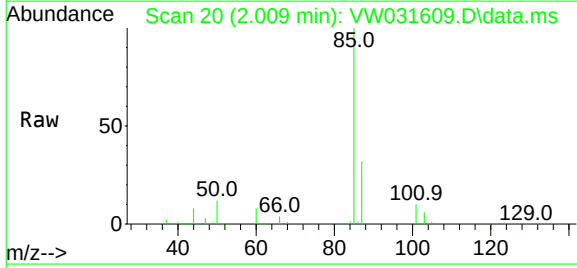
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Dichlorodifluoromethane
Concen: 20.585 ug/L
RT: 2.009 min Scan# 20
Delta R.T. -0.006 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

Instrument :
MSVOA_W
ClientSampleId :
A44S6MS

Tgt Ion: 85 Resp: 210121
Ion Ratio Lower Upper
85 100
87 29.0 25.0 37.4

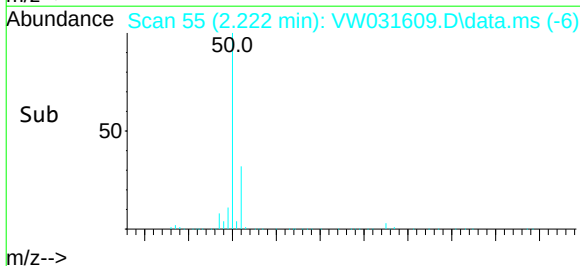
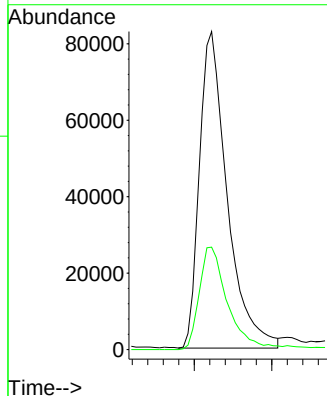
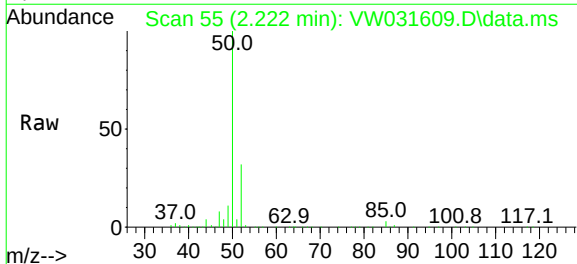
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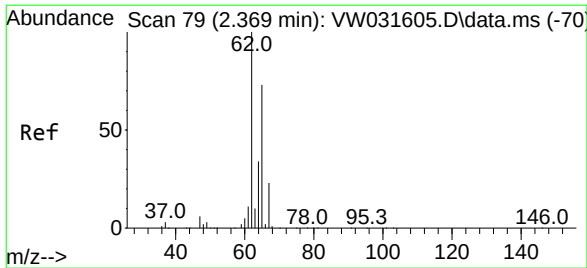
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025



#3
Chloromethane
Concen: 19.490 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

Tgt Ion: 50 Resp: 206196
Ion Ratio Lower Upper
50 100
52 32.2 22.3 41.3





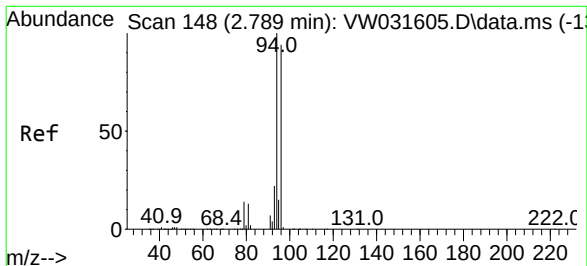
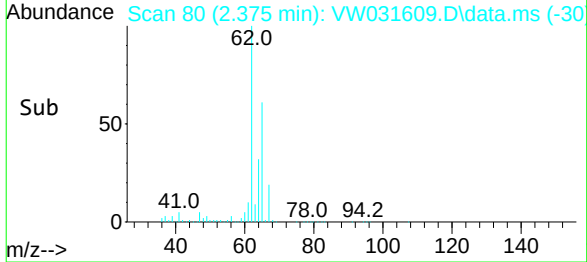
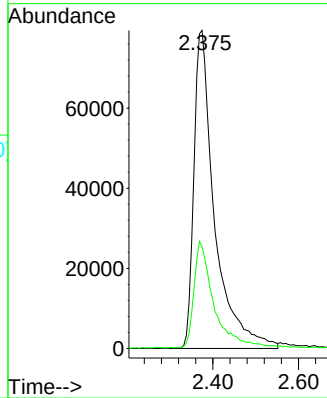
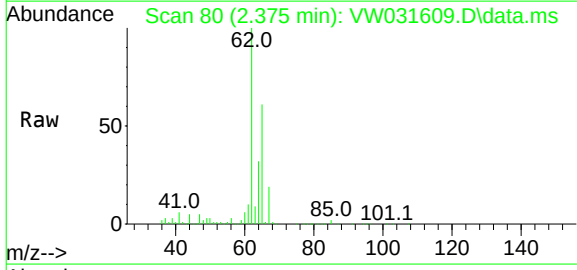
#5
 Vinyl chloride
 Concen: 19.675 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW031609.D
 Acq: 28 Jan 2025 11:26

Instrument :
 MSVOA_W
 ClientSampleId :
 A44S6MS

Tgt Ion: 62 Resp: 265509
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.7 42.3

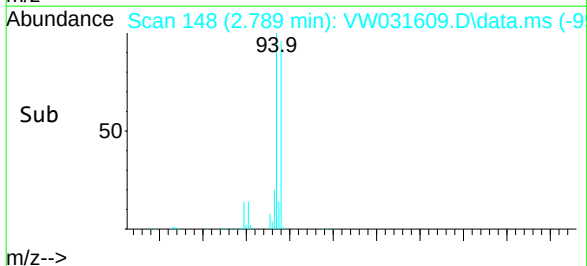
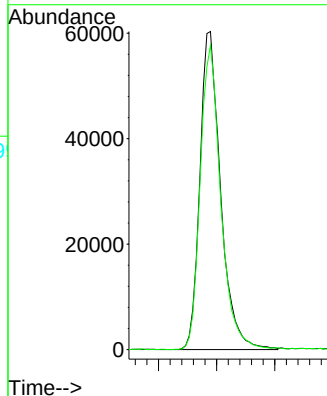
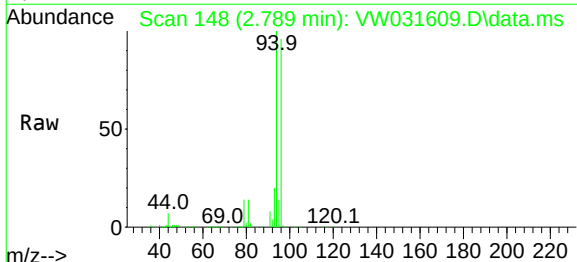
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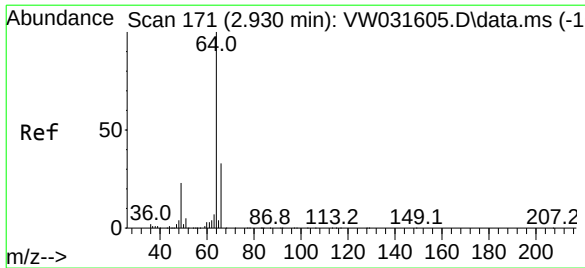
Reviewed By :Semsettin Yesilyurt 01/29/2025
 Supervised By :Mahesh Dadoda 01/29/2025



#6
 Bromomethane
 Concen: 18.946 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW031609.D
 Acq: 28 Jan 2025 11:26

Tgt Ion: 94 Resp: 149437
 Ion Ratio Lower Upper
 94 100
 96 95.7 67.6 125.6





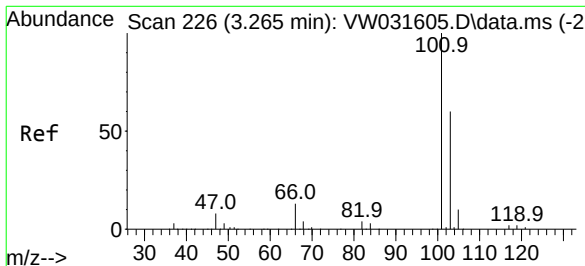
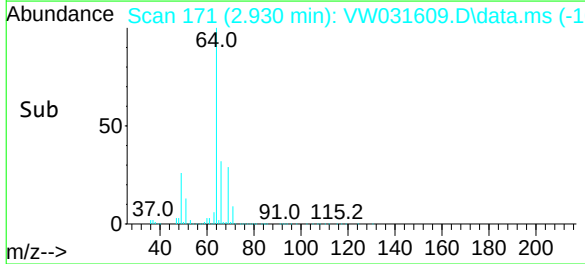
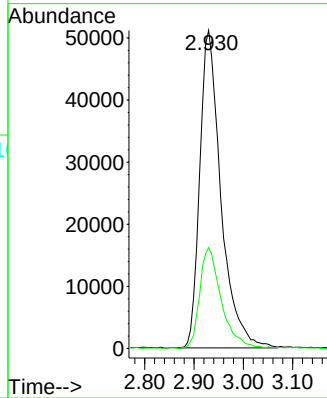
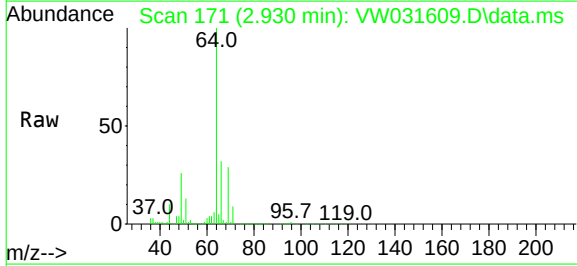
#8
Chloroethane
Concen: 19.234 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

Instrument :
MSVOA_W
ClientSampleId :
A44S6MS

Tgt Ion: 64 Resp: 152577
Ion Ratio Lower Upper
64 100
66 31.8 22.3 41.3

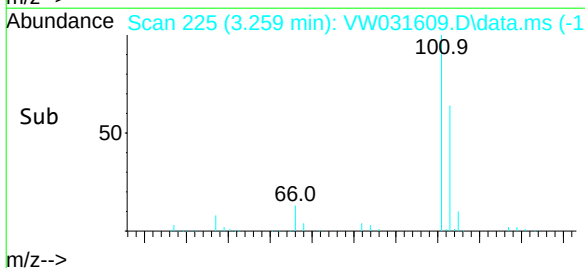
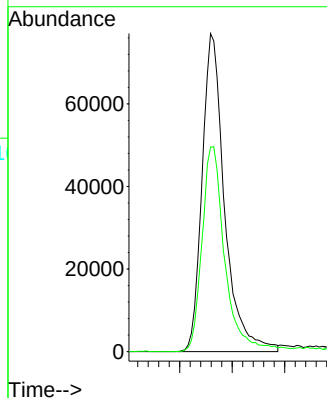
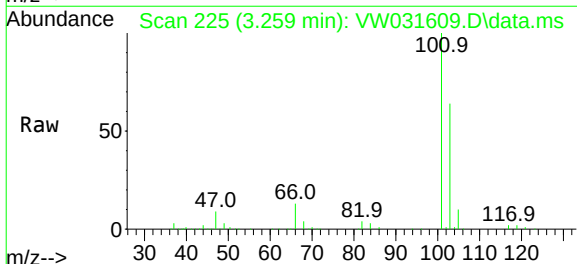
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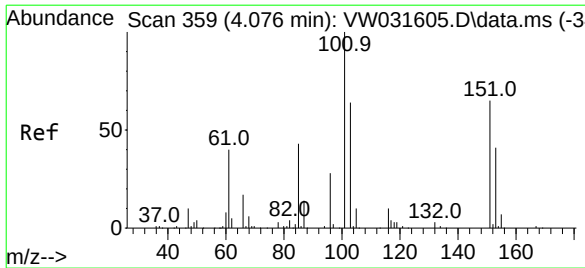
Reviewed By :Semsettin Yesilyurt 01/29/2025
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#9
Trichlorofluoromethane
Concen: 17.091 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.012 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

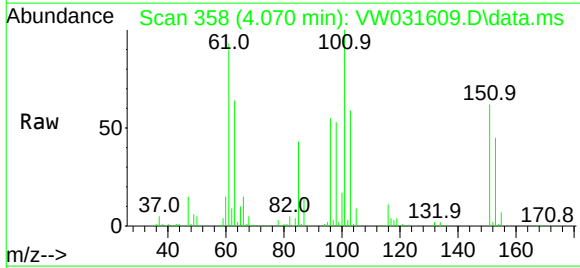
Tgt Ion:101 Resp: 229139
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.2





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 19.959 ug/L
RT: 4.070 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

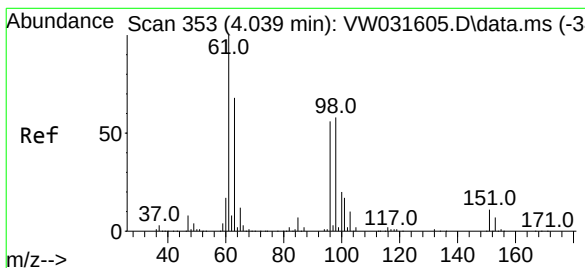
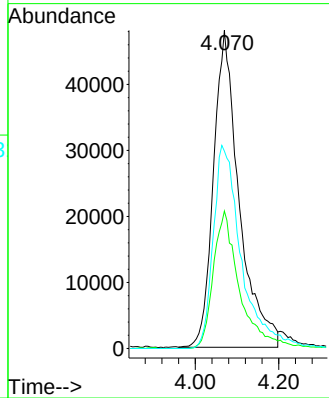
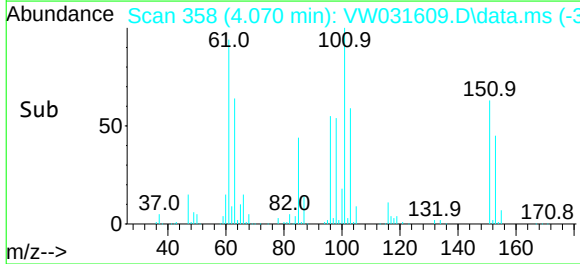
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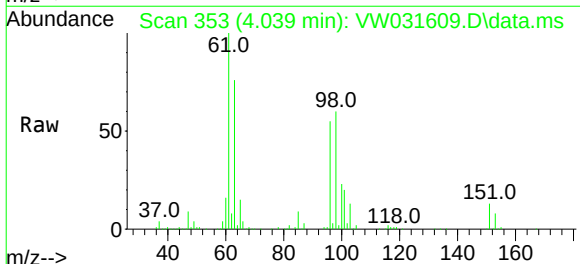
Tgt Ion: 101 Resp: 204889
Ion Ratio Lower Upper
101 100
85 44.2 36.1 54.1
151 68.0 56.9 85.3

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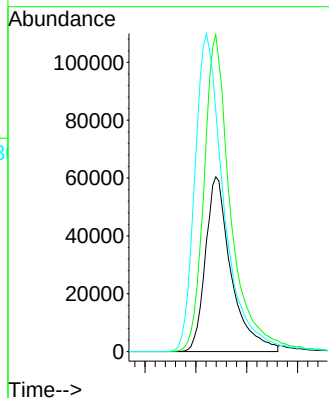
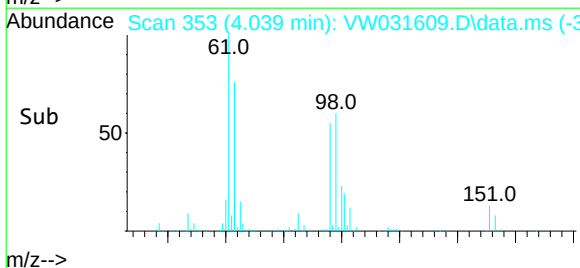
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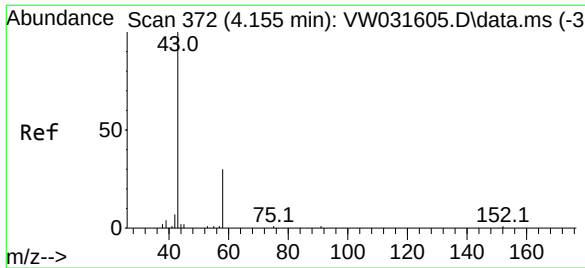


#12
1,1-Dichloroethene
Concen: 20.344 ug/L
RT: 4.039 min Scan# 353
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26



Tgt Ion: 96 Resp: 212450
Ion Ratio Lower Upper
96 100
61 181.3 123.8 230.0
63 137.8 94.1 174.8





#13

Acetone

Concen: 94.308 ug/L

RT: 4.149 min Scan# 371

Delta R.T. -0.018 min

Lab File: VW031609.D

Acq: 28 Jan 2025 11:26

Instrument :

MSVOA_W

ClientSampleId :

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Tgt Ion: 43 Resp: 143686

Ion Ratio Lower Upper

43 100

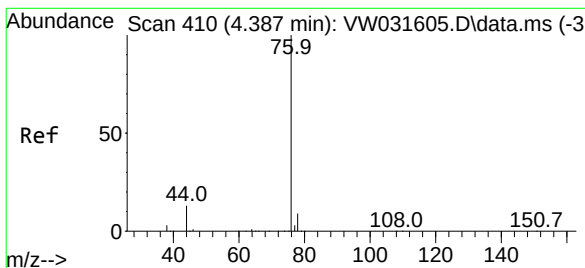
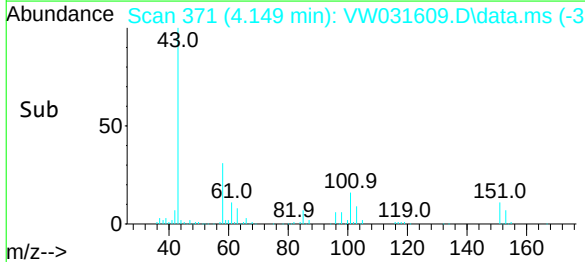
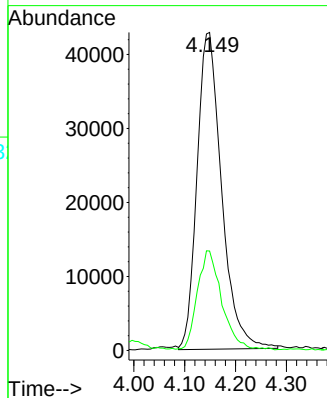
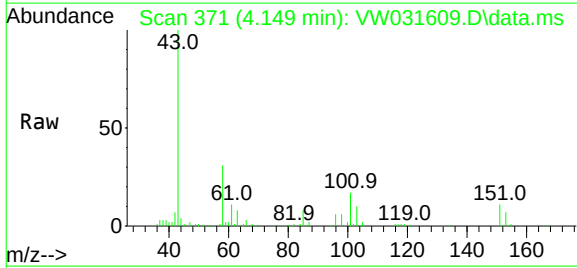
58 31.4 0.0 28.2#

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#14

Carbon disulfide

Concen: 17.566 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.000 min

Lab File: VW031609.D

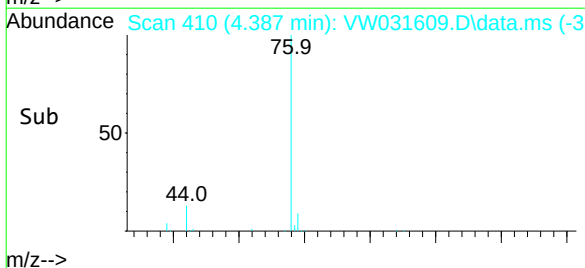
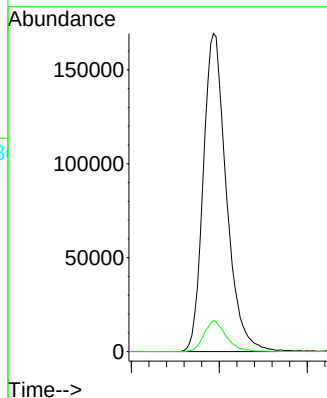
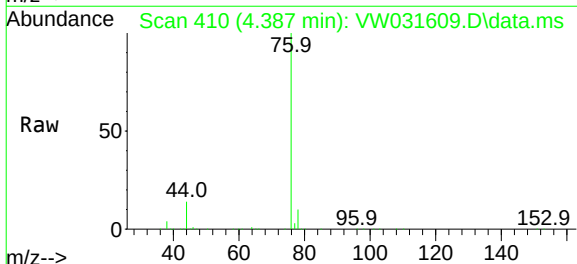
Acq: 28 Jan 2025 11:26

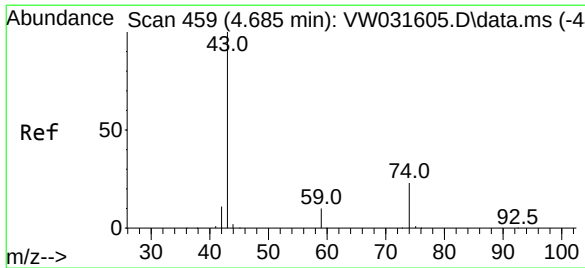
Tgt Ion: 76 Resp: 617923

Ion Ratio Lower Upper

76 100

78 9.8 7.3 10.9





#15

Methyl Acetate

Concen: 37.393 ug/L m

RT: 4.679 min Scan# 45

Delta R.T. -0.006 min

Lab File: VW031609.D

Acq: 28 Jan 2025 11:26

Instrument :

MSVOA_W

ClientSampleId :

A44S6MS

Tgt Ion: 43 Resp: 149252

Ion Ratio Lower Upper

43 100

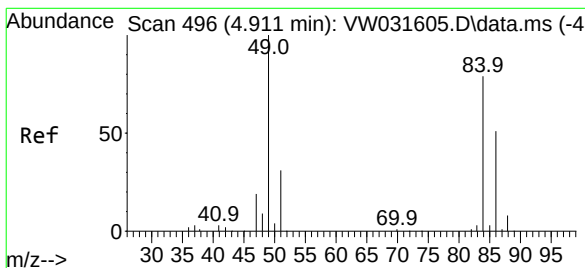
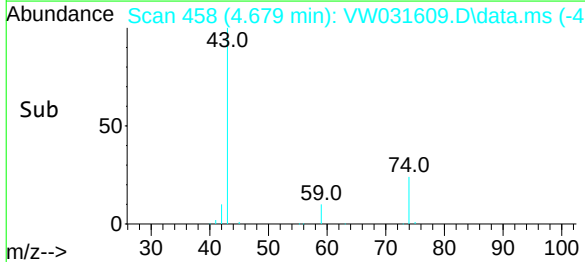
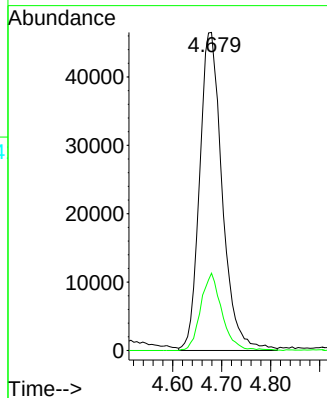
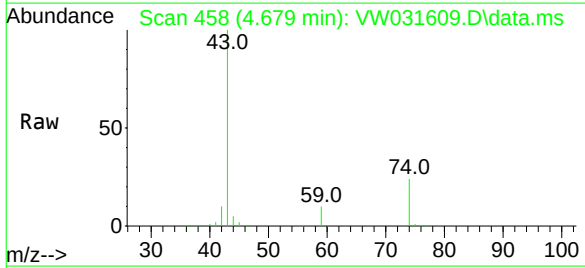
74 0.0 10.6 15.8#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/29/2025

Supervised By :Mahesh Dadoda 01/29/2025



#16

Methylene chloride

Concen: 22.096 ug/L

RT: 4.917 min Scan# 497

Delta R.T. -0.000 min

Lab File: VW031609.D

Acq: 28 Jan 2025 11:26

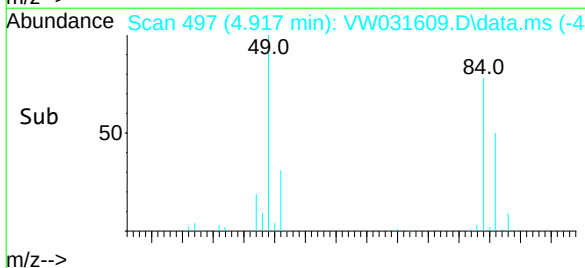
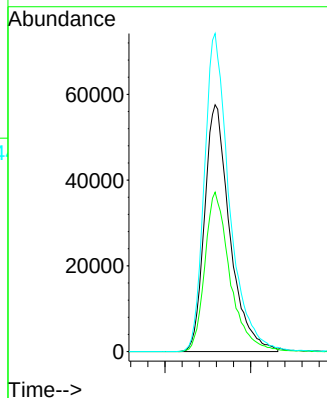
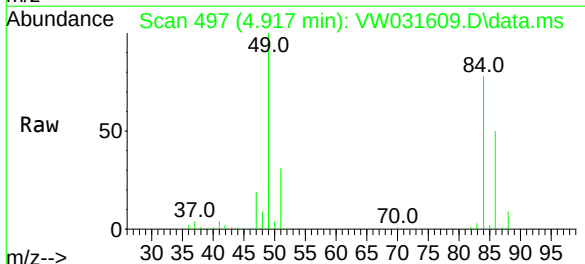
Tgt Ion: 84 Resp: 236169

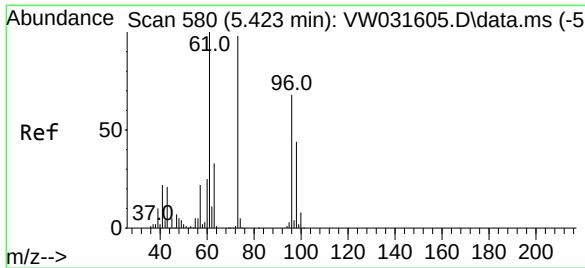
Ion Ratio Lower Upper

84 100

86 64.6 47.0 87.2

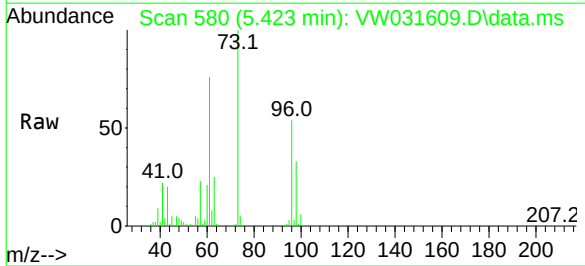
49 128.9 89.8 166.8





#17
trans-1,2-Dichloroethene
Concen: 21.109 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

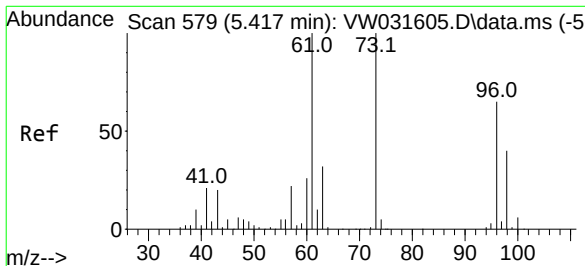
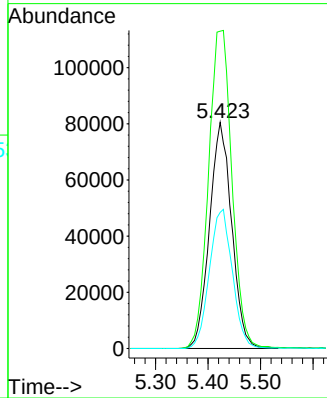
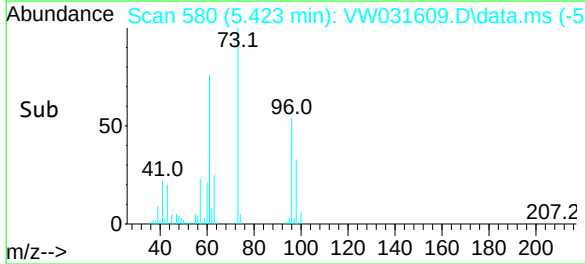
Instrument :
MSVOA_W
ClientSampleId :
A44S6MS



Tgt Ion: 96 Resp: 236762
Ion Ratio Lower Upper
96 100
61 140.3 105.1 195.1
98 60.2 44.9 83.3

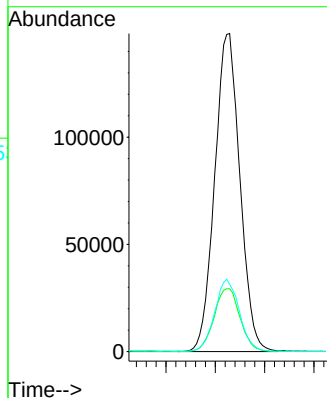
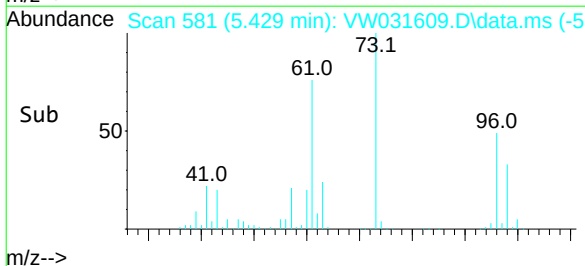
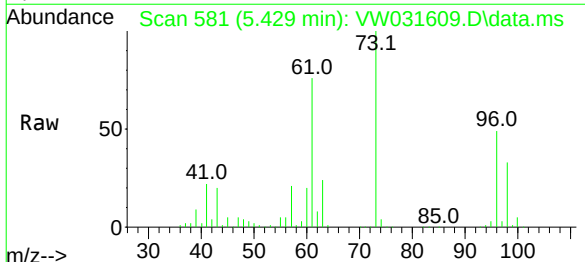
Manual Integrations
APPROVED

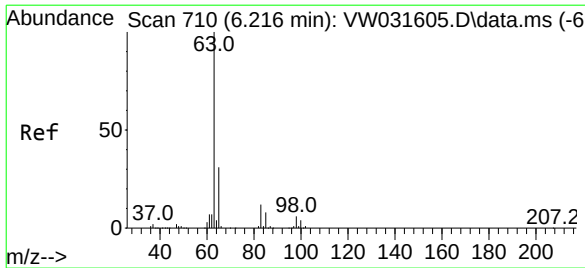
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025



#18
Methyl tert-butyl Ether
Concen: 29.229 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

Tgt Ion: 73 Resp: 525705
Ion Ratio Lower Upper
73 100
43 20.3 16.4 24.6
57 22.2 18.2 27.2





#19

1,1-Dichloroethane

Concen: 22.814 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW031609.D

Acq: 28 Jan 2025 11:26

Instrument :

MSVOA_W

ClientSampleId :

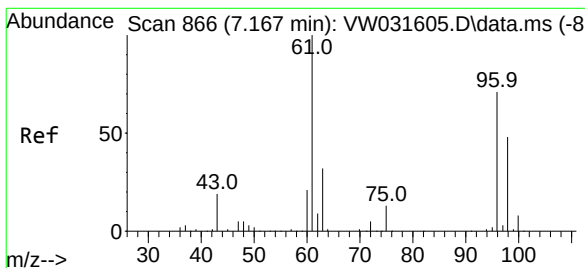
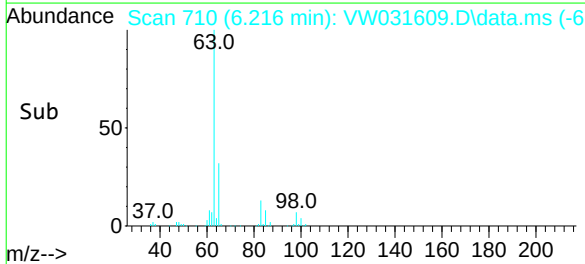
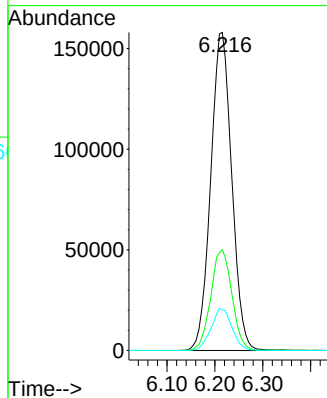
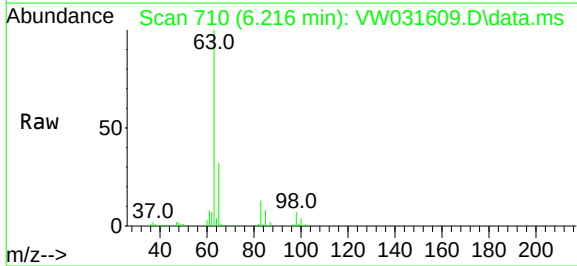
A44S6MS

Tgt Ion: 63	Resp: 481432
Ion Ratio	Lower Upper
63 100	
65 31.7	22.0 41.0
83 12.7	9.0 16.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025



#20

cis-1,2-Dichloroethene

Concen: 22.297 ug/L

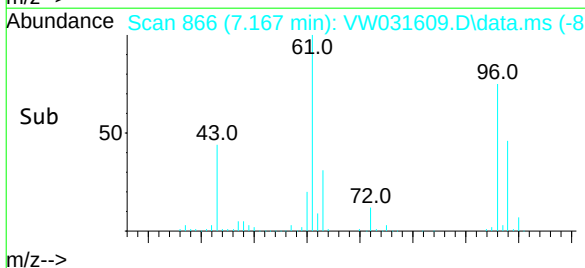
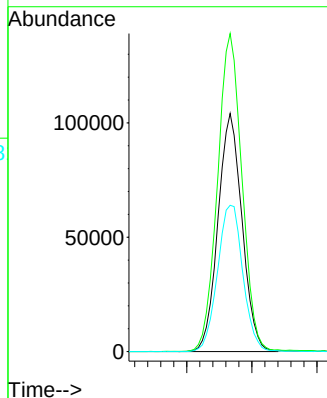
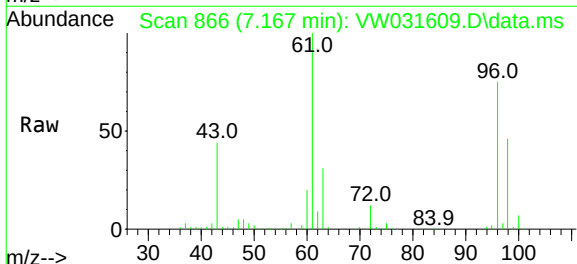
RT: 7.167 min Scan# 866

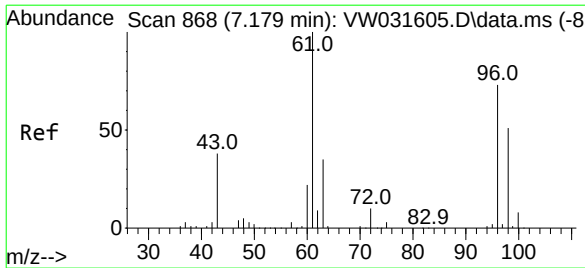
Delta R.T. -0.006 min

Lab File: VW031609.D

Acq: 28 Jan 2025 11:26

Tgt Ion: 96	Resp: 267027
Ion Ratio	Lower Upper
96 100	
61 133.5	94.8 176.2
98 61.4	45.6 84.8





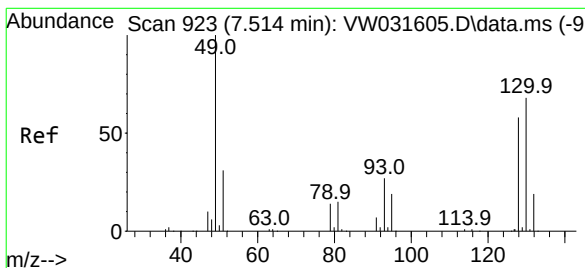
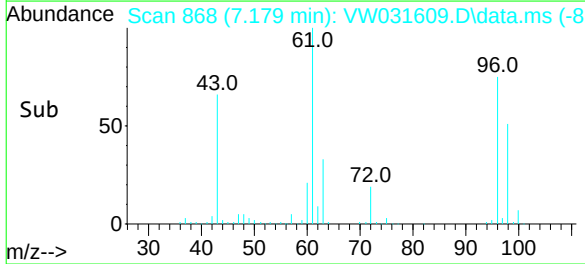
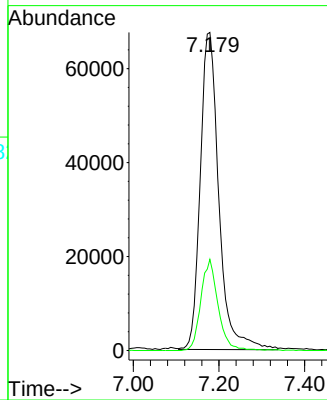
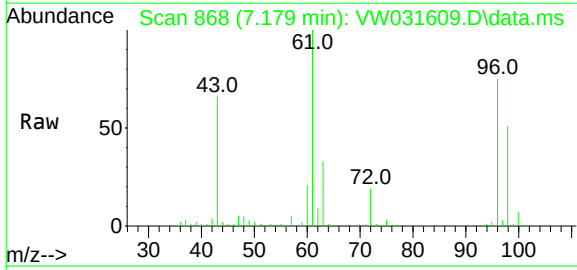
#22
2-Butanone
Concen: 78.153 ug/L
RT: 7.179 min Scan# 868
Delta R.T. -0.006 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

Instrument :
MSVOA_W
ClientSampleId :
A44S6MS

Tgt Ion: 43 Resp: 203363
Ion Ratio Lower Upper
43 100
72 26.2 13.2 39.5

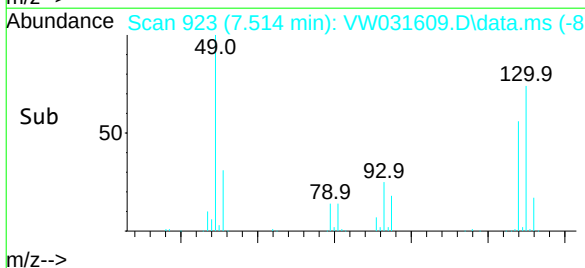
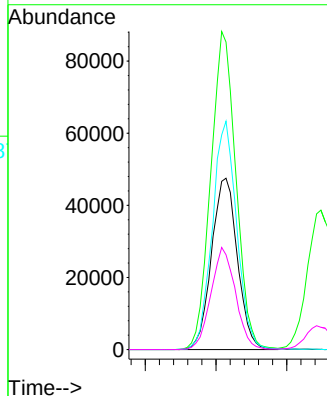
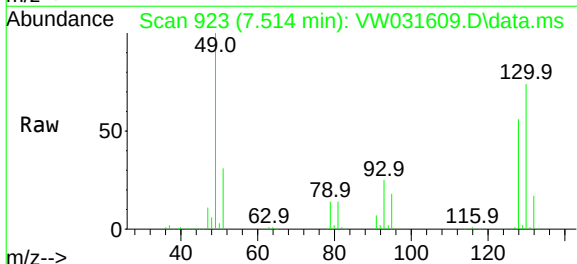
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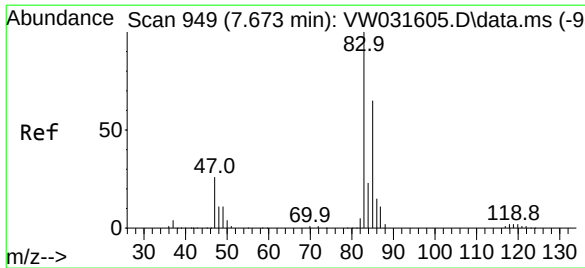
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025



#23
Bromochloromethane
Concen: 25.754 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

Tgt Ion:128 Resp: 120784
Ion Ratio Lower Upper
128 100
49 179.4 123.9 230.1
130 133.2 88.1 163.7
51 55.3 42.5 63.7





#25

Chloroform

Concen: 22.970 ug/L

RT: 7.673 min Scan# 94

Delta R.T. -0.006 min

Lab File: VW031609.D

Acq: 28 Jan 2025 11:26

Instrument :

MSVOA_W

ClientSampleId :

A44S6MS

Tgt Ion: 83 Resp: 461050

Ion Ratio Lower Upper

83 100

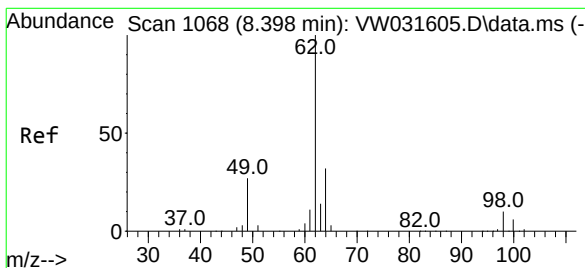
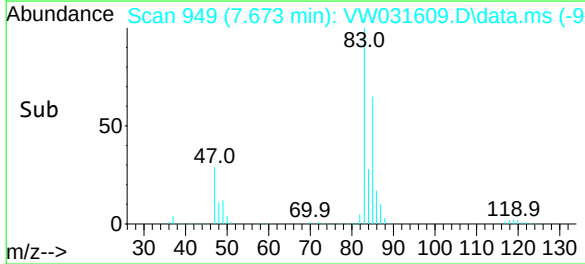
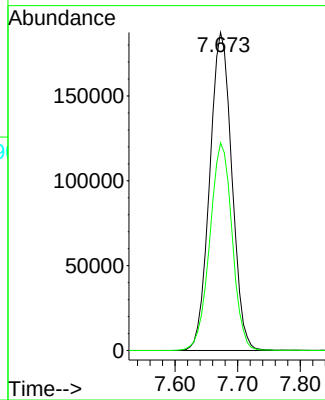
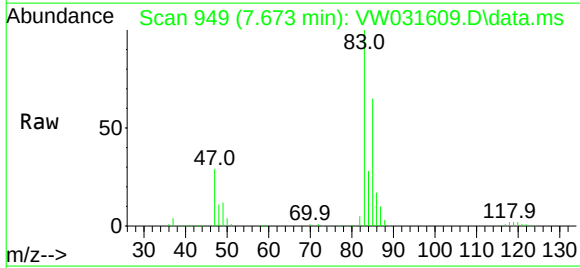
85 65.3 46.2 85.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/29/2025

Supervised By :Mahesh Dadoda 01/29/2025



#27

1,2-Dichloroethane

Concen: 27.000 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW031609.D

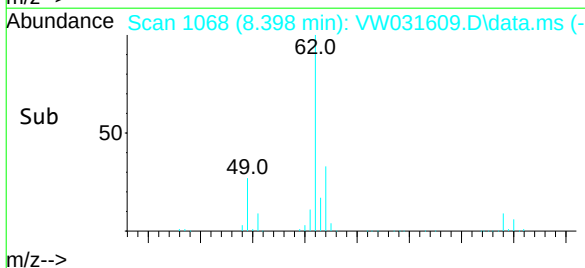
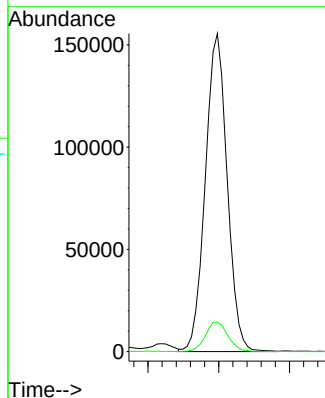
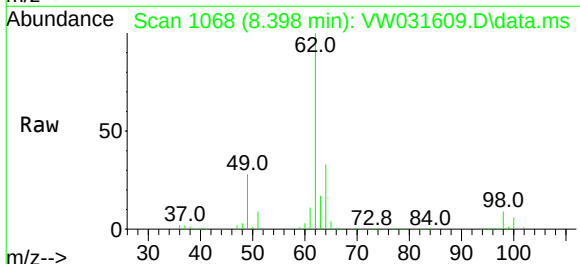
Acq: 28 Jan 2025 11:26

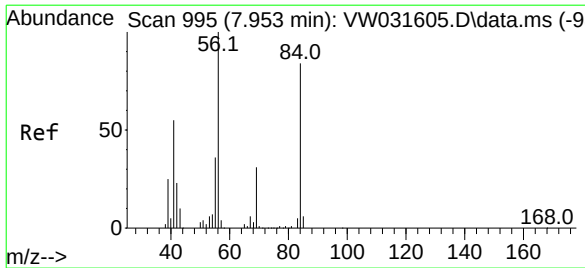
Tgt Ion: 62 Resp: 333791

Ion Ratio Lower Upper

62 100

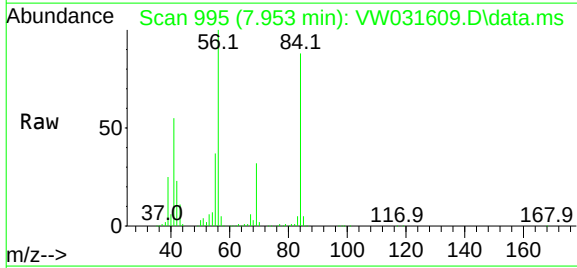
98 9.2 7.3 10.9





#29
Cyclohexane
Concen: 19.635 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

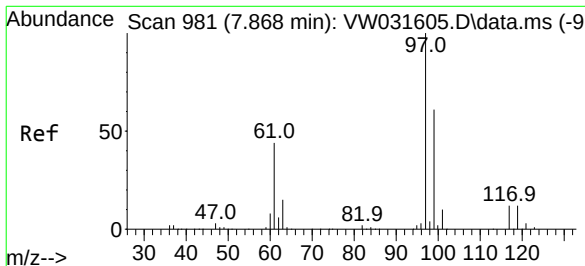
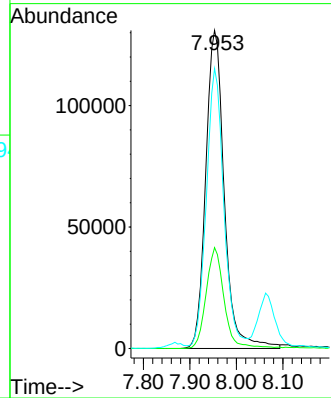
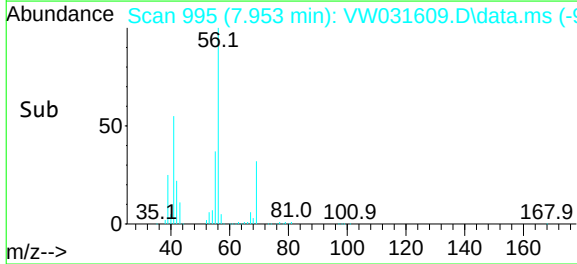
Instrument :
MSVOA_W
ClientSampleId :
A44S6MS



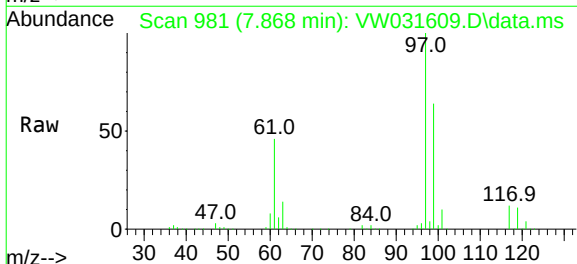
Tgt Ion: 56 Resp: 363099
Ion Ratio Lower Upper
56 100
69 30.6 25.2 37.8
84 82.1 66.3 99.5

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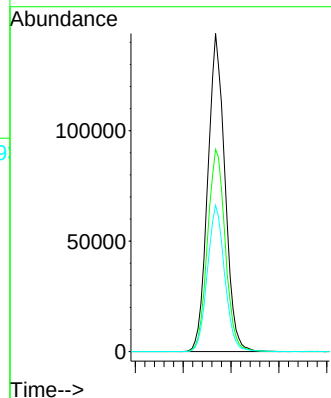
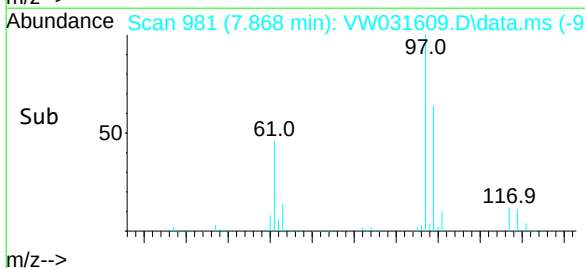
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025

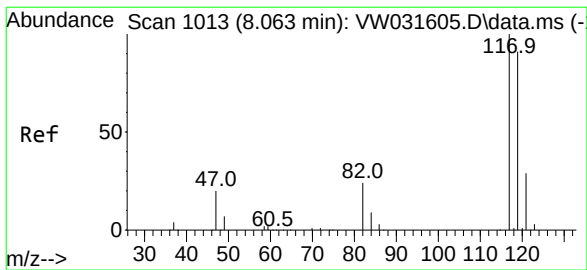


#30
1,1,1-Trichloroethane
Concen: 23.983 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26



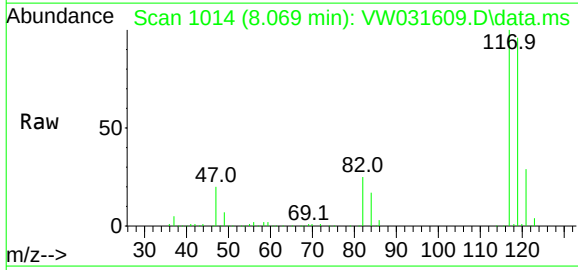
Tgt Ion: 97 Resp: 359198
Ion Ratio Lower Upper
97 100
99 65.2 52.2 78.4
61 46.3 36.9 55.3





#31
Carbon tetrachloride
Concen: 23.299 ug/L
RT: 8.069 min Scan# 1013
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

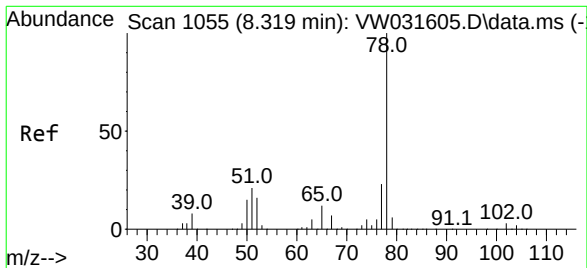
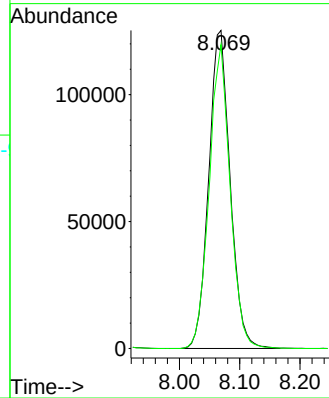
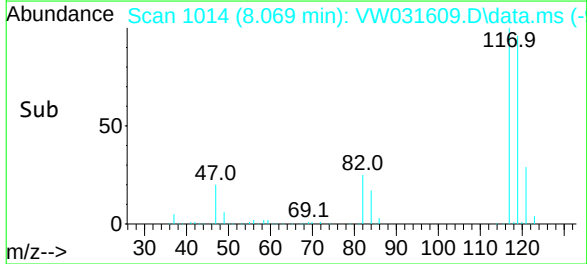
Instrument :
MSVOA_W
ClientSampleId :
A44S6MS



Tgt Ion:117 Resp: 309389
Ion Ratio Lower Upper
117 100
119 93.5 77.4 116.0

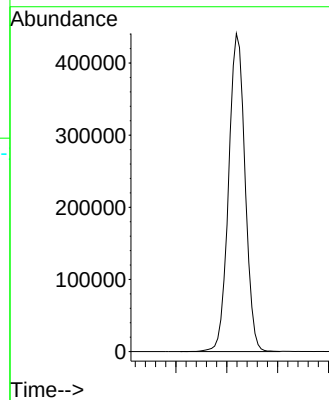
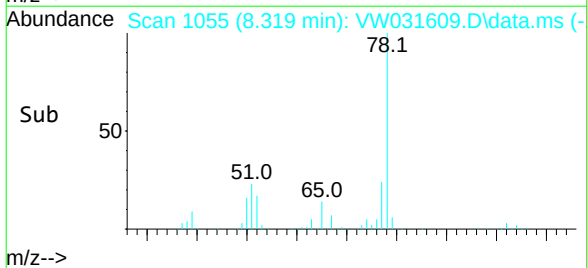
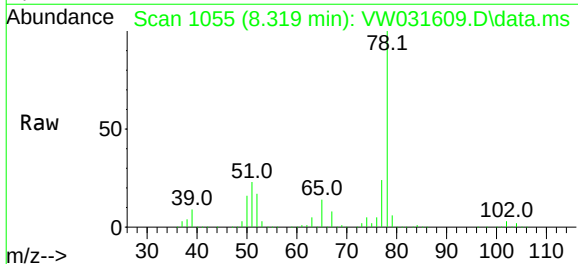
Manual Integrations
APPROVED

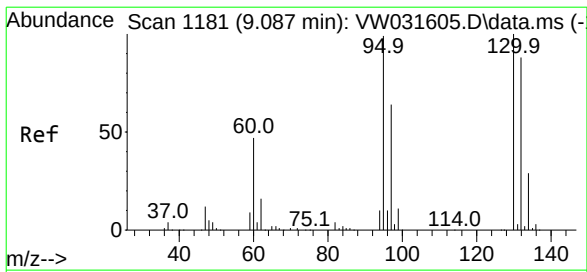
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025



#33
Benzene
Concen: 25.064 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

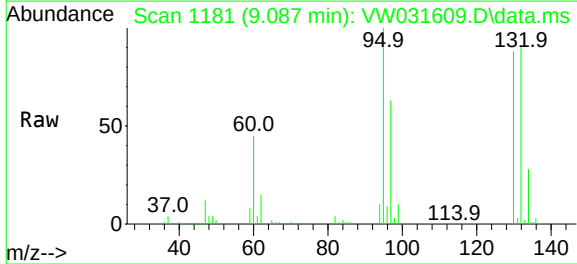
Tgt Ion: 78 Resp: 989723





#34
Trichloroethene
Concen: 22.605 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

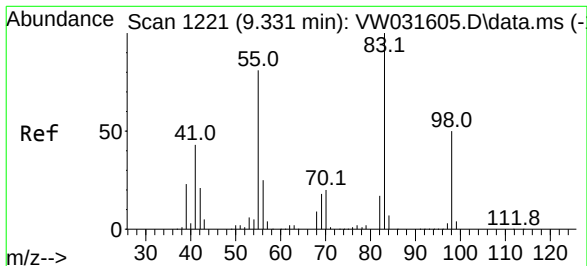
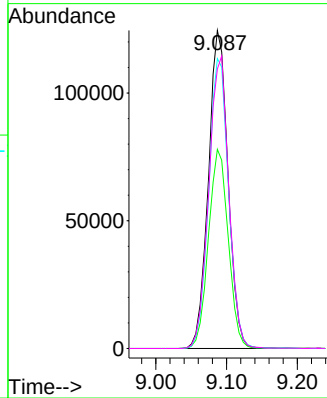
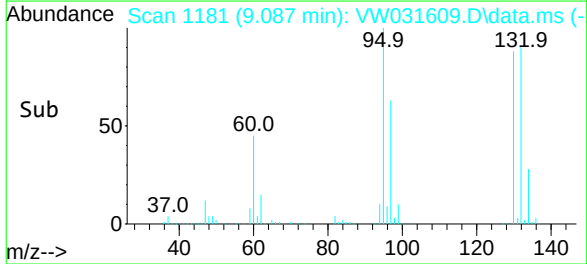
Instrument :
MSVOA_W
ClientSampleId :
A44S6MS



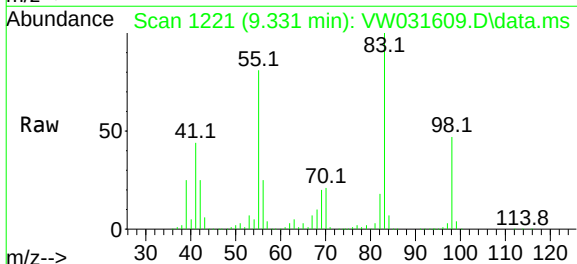
Tgt Ion: 95 Resp: 239980
Ion Ratio Lower Upper
95 100
97 62.6 44.0 81.6
132 91.1 64.6 120.0
130 87.9 67.5 125.4

Manual Integrations
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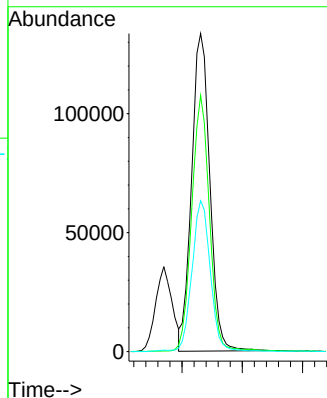
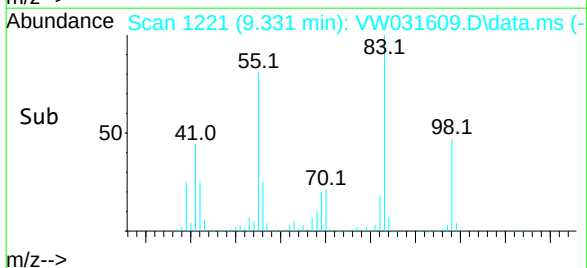
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025

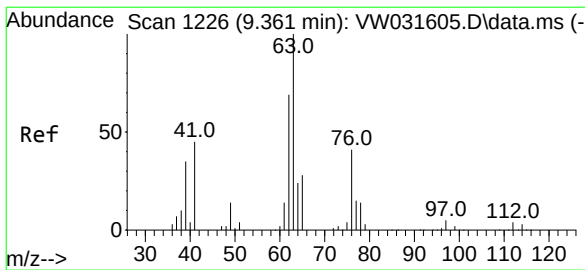


#35
Methylcyclohexane
Concen: 14.730 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26



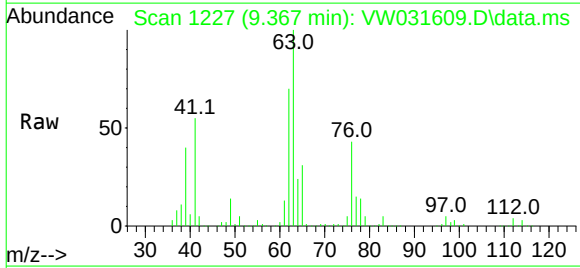
Tgt Ion: 83 Resp: 280370
Ion Ratio Lower Upper
83 100
55 77.9 63.4 95.2
98 47.5 38.8 58.2





#37
1,2-Dichloropropane
Concen: 27.212 ug/L
RT: 9.367 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

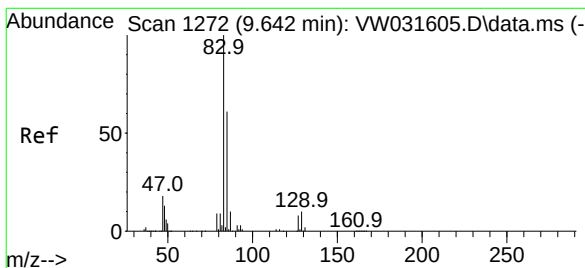
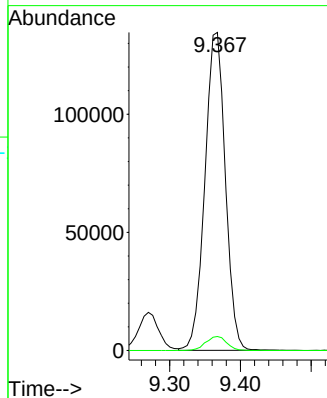
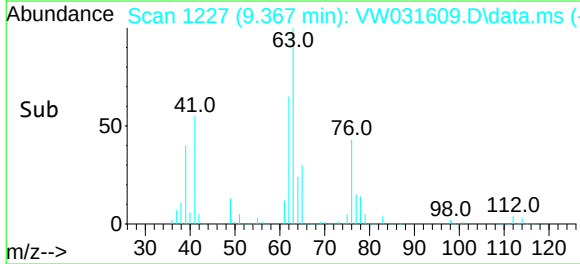
Instrument :
MSVOA_W
ClientSampleId :
A44S6MS



Tgt Ion: 63 Resp: 270071
Ion Ratio Lower Upper
63 100
112 4.5 3.6 5.4

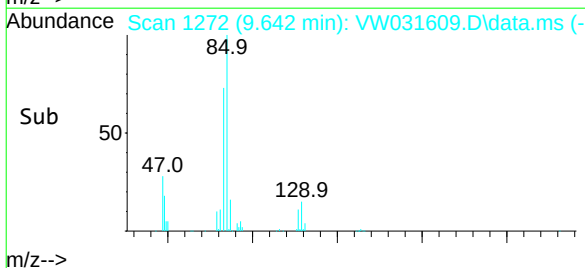
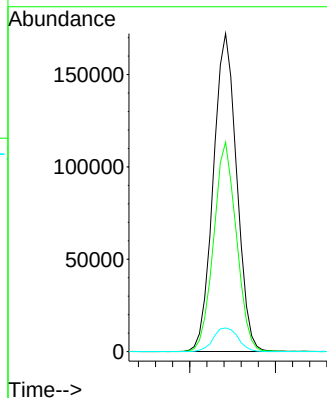
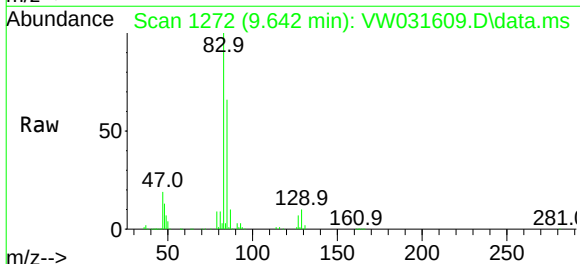
Manual Integrations
APPROVED

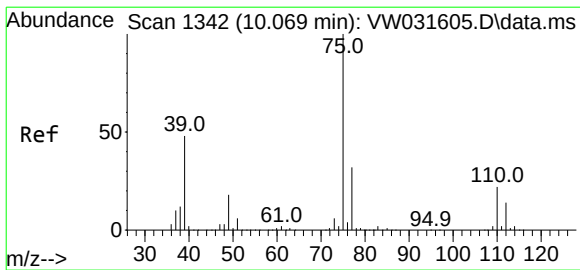
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025



#38
Bromodichloromethane
Concen: 27.166 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

Tgt Ion: 83 Resp: 326137
Ion Ratio Lower Upper
83 100
85 65.8 43.8 81.3
127 7.4 6.2 9.4





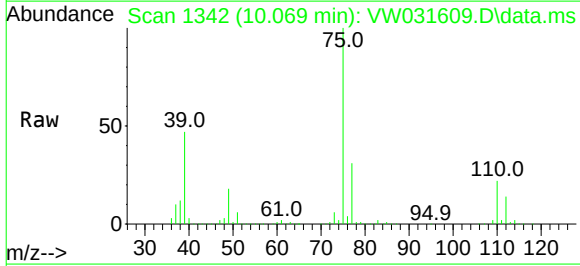
#39
 cis-1,3-Dichloropropene
 Concen: 27.511 ug/L
 RT: 10.069 min Scan# 1342
 Delta R.T. -0.000 min
 Lab File: VW031609.D
 Acq: 28 Jan 2025 11:26

Instrument :

MSVOA_W

ClientSampleId :

A44S6MS



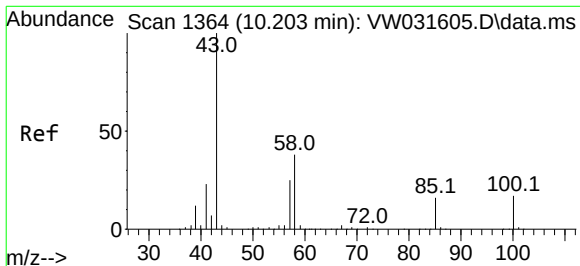
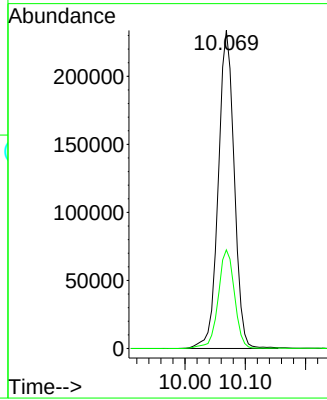
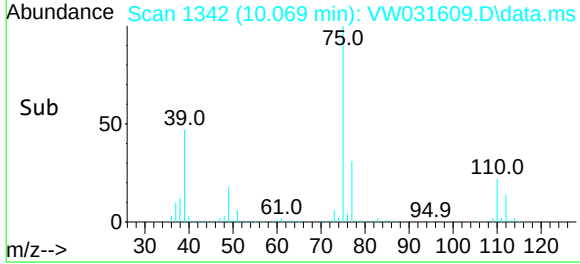
Tgt Ion: 75 Resp: 429513

Ion	Ratio	Lower	Upper
75	100		
77	31.0	21.6	40.2

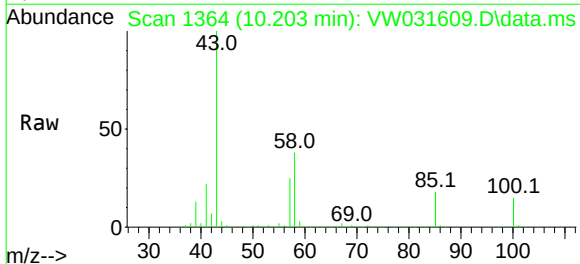
Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/29/2025
 Supervised By :Mahesh Dadoda 01/29/2025

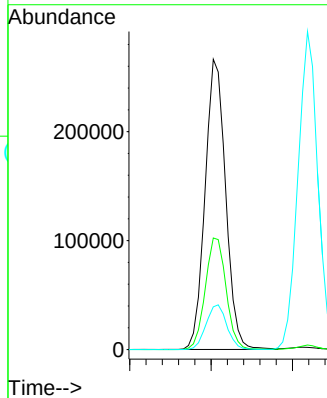
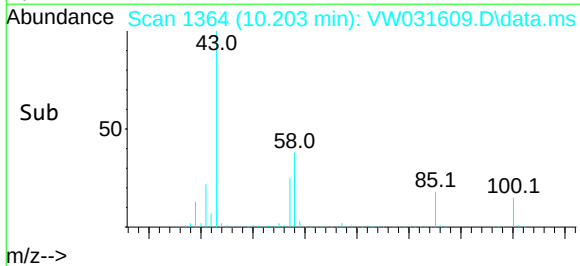


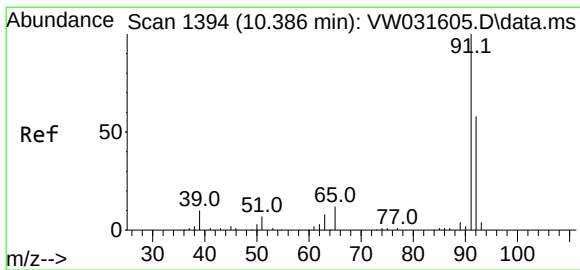
#40
 4-Methyl-2-pentanone
 Concen: 94.546 ug/L
 RT: 10.203 min Scan# 1364
 Delta R.T. -0.006 min
 Lab File: VW031609.D
 Acq: 28 Jan 2025 11:26



Tgt Ion: 43 Resp: 468370

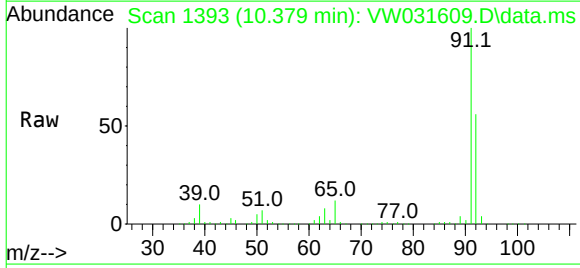
Ion	Ratio	Lower	Upper
43	100		
58	38.9	31.4	47.2
100	15.7	12.3	18.5





#42
Toluene
Concen: 22.854 ug/L
RT: 10.379 min Scan# 1393
Delta R.T. -0.006 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

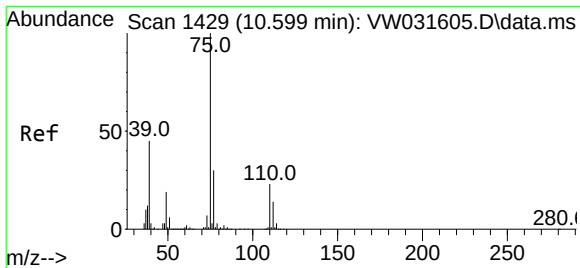
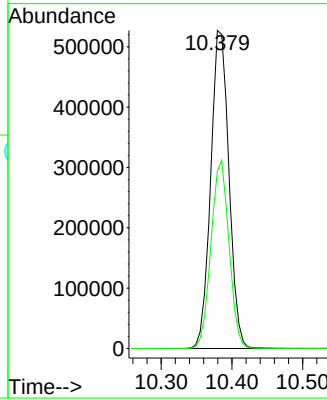
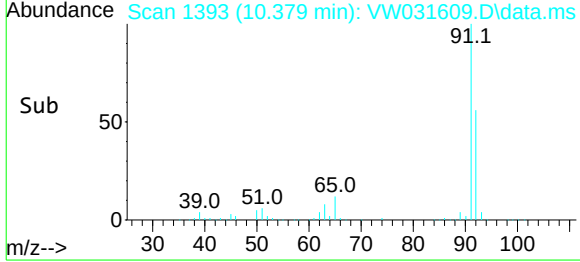
Instrument : MSVOA_W
ClientSampleId : A44S6MS



Tgt Ion: 91 Resp: 943335
Ion Ratio Lower Upper
91 100
92 55.7 40.6 75.4

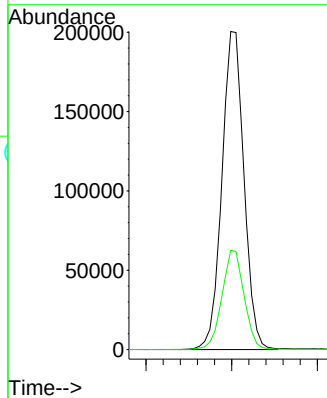
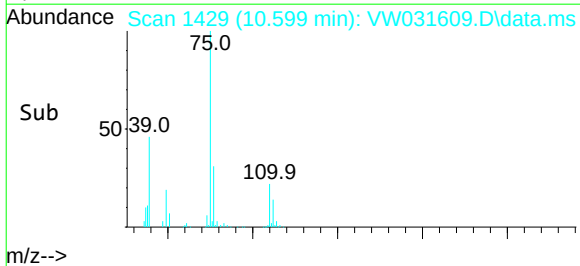
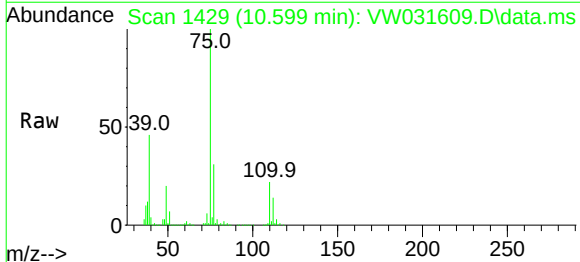
Manual Integrations
APPROVED

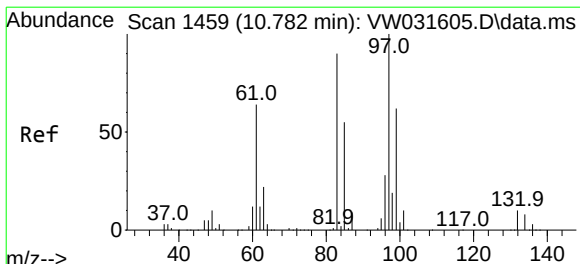
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025



#44
trans-1,3-Dichloropropene
Concen: 28.730 ug/L
RT: 10.599 min Scan# 1429
Delta R.T. -0.006 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

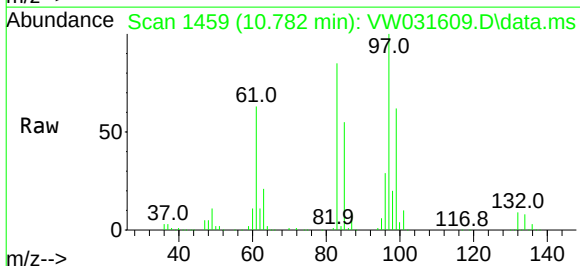
Tgt Ion: 75 Resp: 358528
Ion Ratio Lower Upper
75 100
77 31.2 22.5 41.9





#45
 1,1,2-Trichloroethane
 Concen: 32.855 ug/L
 RT: 10.782 min Scan# 1410
 Delta R.T. -0.000 min
 Lab File: VW031609.D
 Acq: 28 Jan 2025 11:26

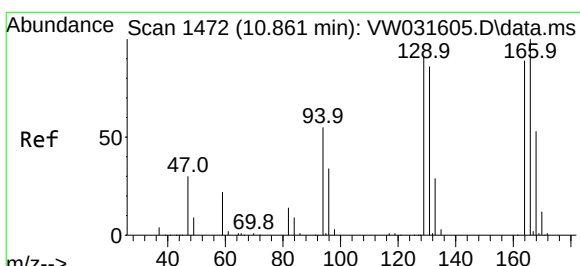
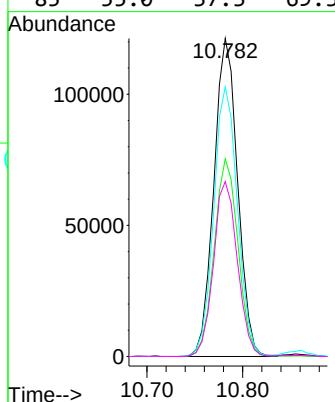
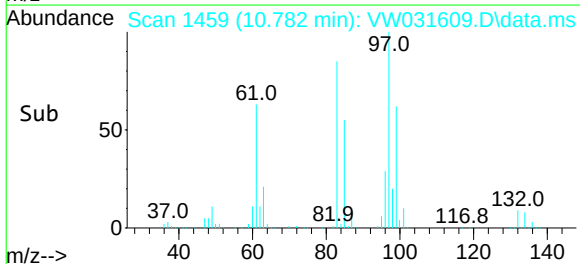
Instrument : MSVOA_W
 ClientSampleId : A44S6MS



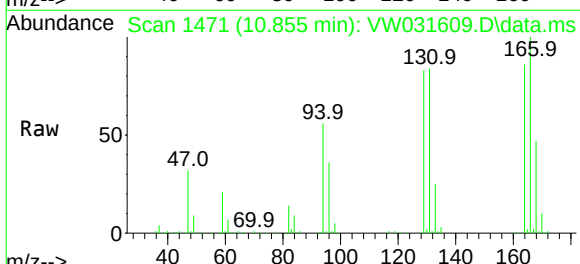
Tgt Ion:	97	Resp:	209010
Ion Ratio	100	Lower	Upper
99	62.2	42.6	79.2
83	84.8	59.6	110.8
85	55.0	37.3	69.3

Manual Integrations
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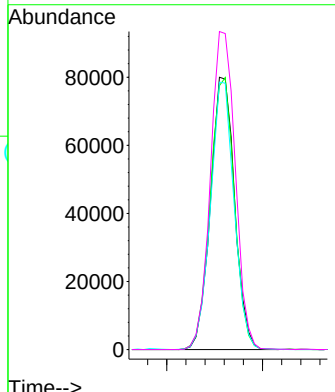
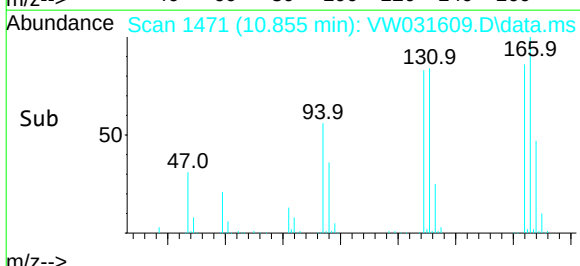
Reviewed By :Semsettin Yesilyurt 01/29/2025
 Supervised By :Mahesh Dadoda 01/29/2025

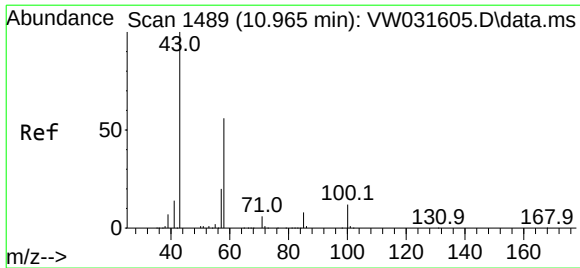


#46
 Tetrachloroethene
 Concen: 18.383 ug/L
 RT: 10.855 min Scan# 1471
 Delta R.T. -0.006 min
 Lab File: VW031609.D
 Acq: 28 Jan 2025 11:26



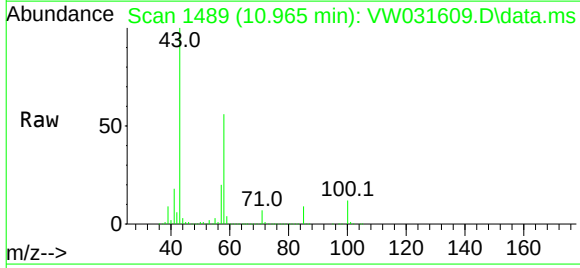
Tgt Ion:	164	Resp:	140050
Ion Ratio	100	Lower	Upper
129	96.9	69.8	129.6
131	98.2	63.1	117.1
166	116.8	81.7	151.7





#48
2-Hexanone
Concen: 108.035 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

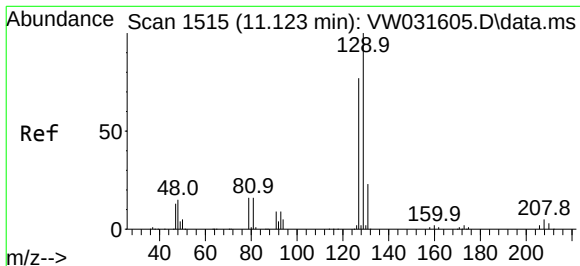
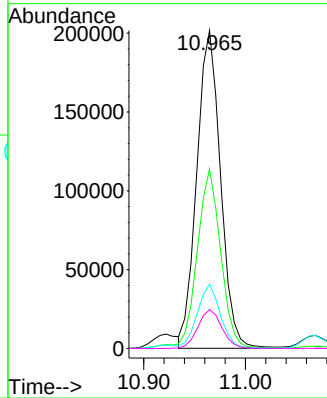
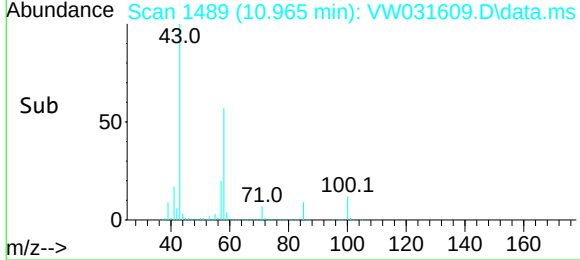
Instrument : MSVOA_W
ClientSampleId : A44S6MS



Tgt Ion: 43 Resp: 327052
Ion Ratio Lower Upper
43 100
58 55.4 44.8 67.2
57 19.6 15.6 23.4
100 12.4 9.3 13.9

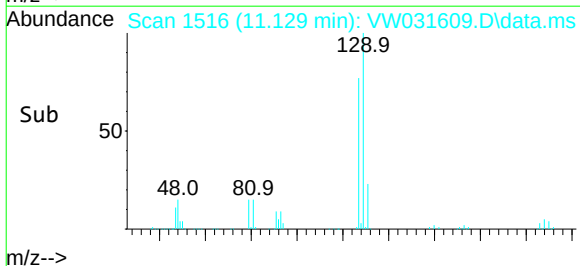
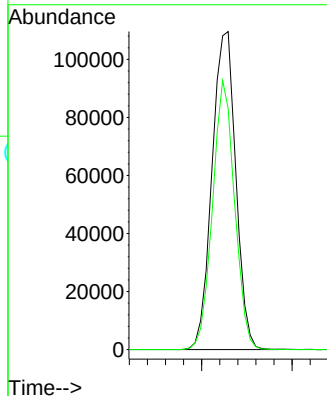
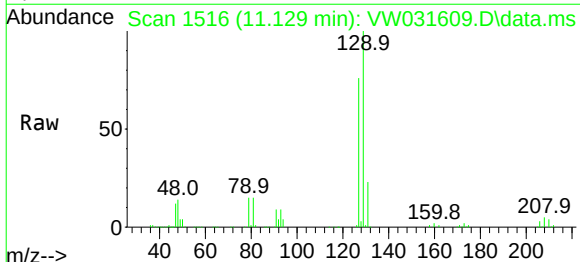
Manual Integrations
APPROVED

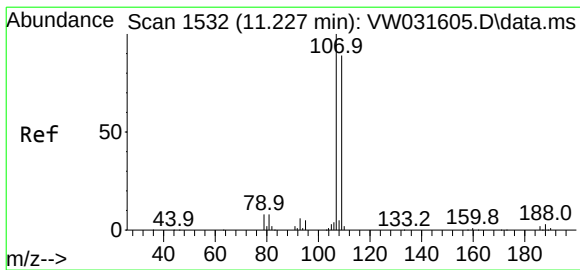
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025



#49
Dibromochloromethane
Concen: 28.637 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

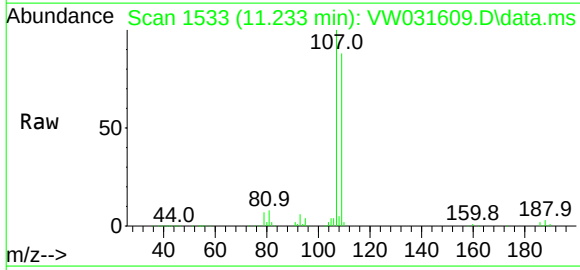
Tgt Ion:129 Resp: 200445
Ion Ratio Lower Upper
129 100
127 75.8 53.0 98.4





#50
1,2-Dibromoethane
Concen: 33.459 ug/L
RT: 11.233 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

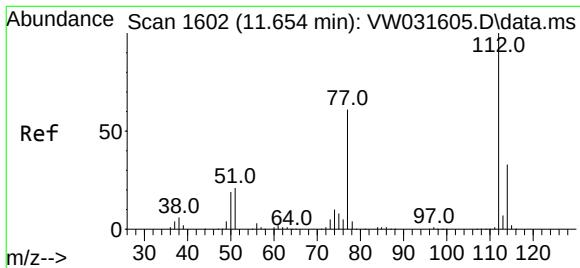
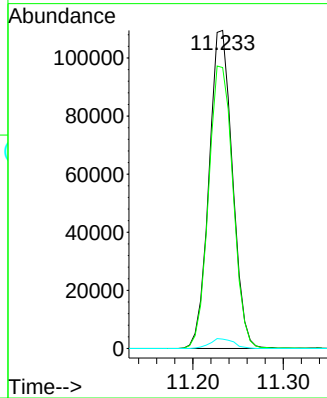
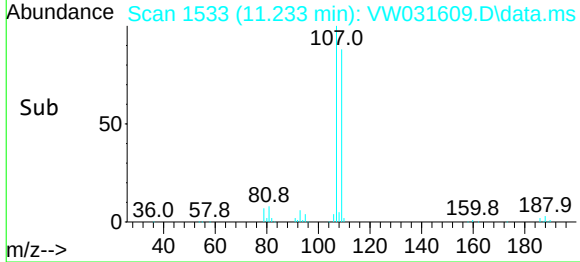
Instrument :
MSVOA_W
ClientSampleId :
A44S6MS



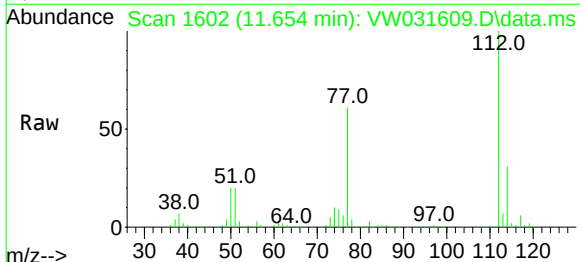
Tgt Ion:107 Resp: 197272
Ion Ratio Lower Upper
107 100
109 88.3 63.8 118.4
188 3.0 2.6 3.8

Manual Integrations
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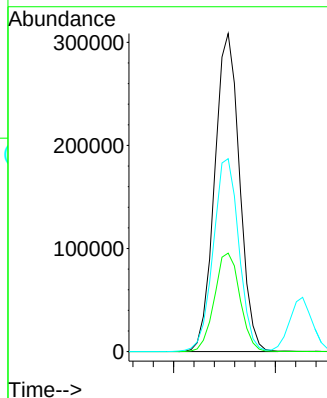
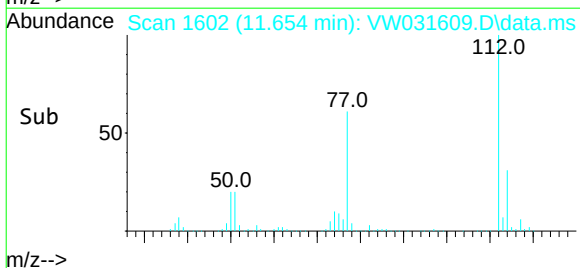
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025

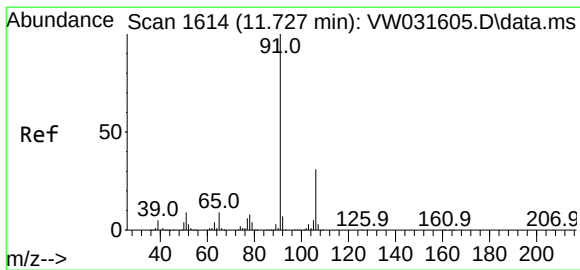


#51
Chlorobenzene
Concen: 20.590 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26



Tgt Ion:112 Resp: 524814
Ion Ratio Lower Upper
112 100
114 31.0 22.0 40.8
77 60.7 49.0 73.4





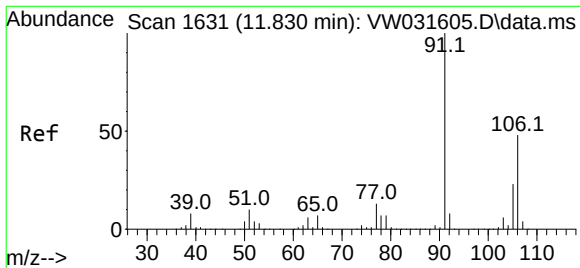
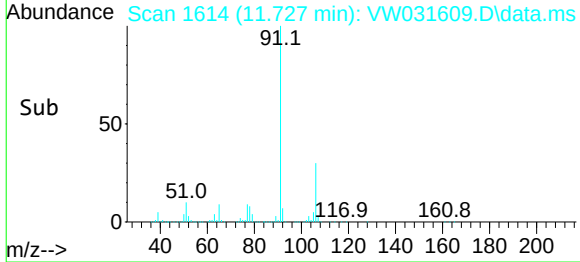
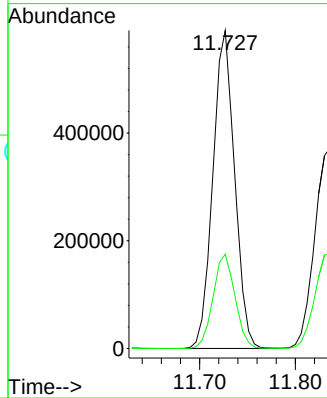
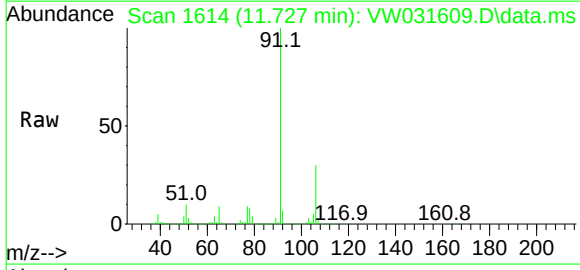
#52
Ethylbenzene
Concen: 19.668 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

Instrument : MSVOA_W
ClientSampleId : A44S6MS

Tgt Ion: 91 Resp: 931486
Ion Ratio Lower Upper
91 100
106 29.6 22.3 41.3

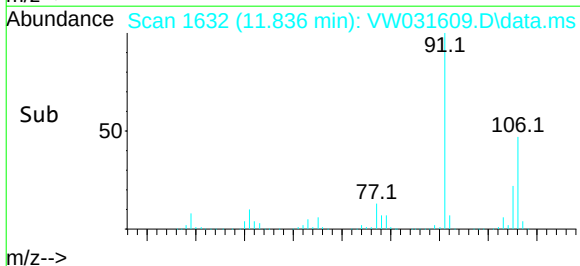
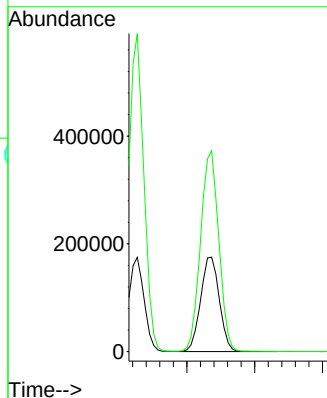
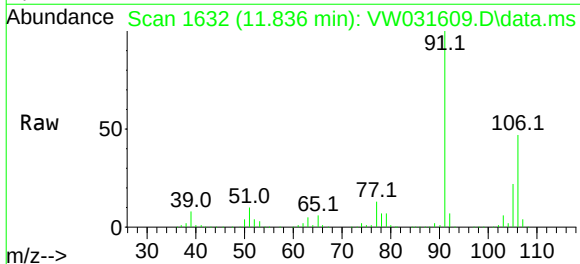
Manual Integrations
APPROVED

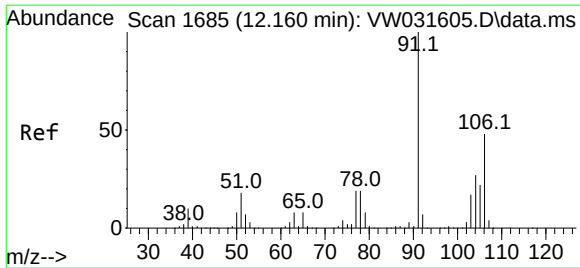
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025



#53
m,p-Xylene
Concen: 18.610 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

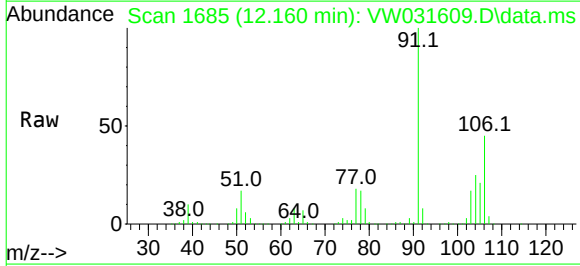
Tgt Ion:106 Resp: 336065
Ion Ratio Lower Upper
106 100
91 212.8 145.9 270.9





#54
o-Xylene
Concen: 20.356 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

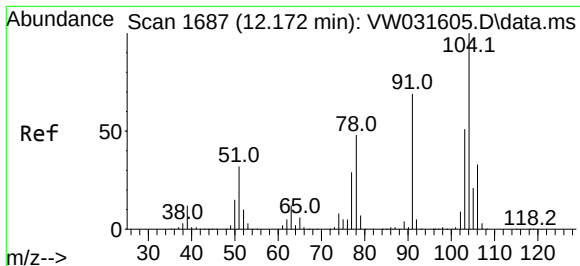
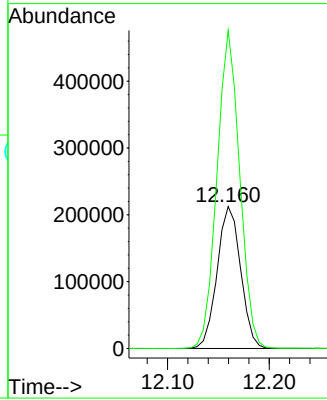
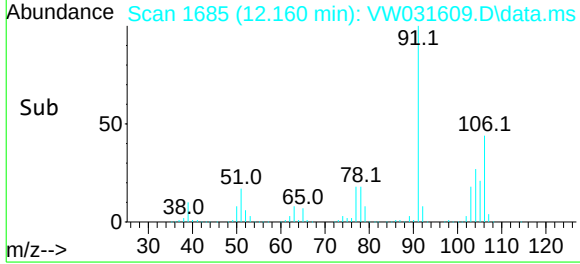
Instrument :
MSVOA_W
ClientSampleId :
A44S6MS



Tgt Ion:106 Resp: 341623
Ion Ratio Lower Upper
106 100
91 224.0 152.9 284.1

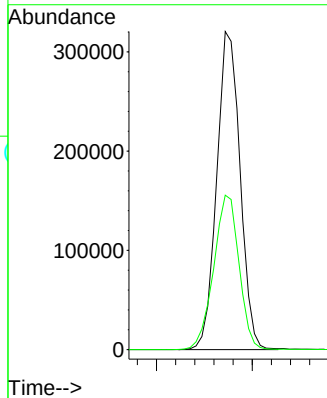
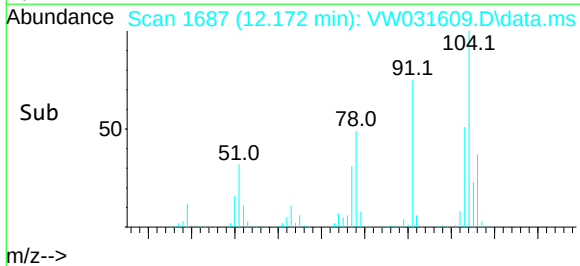
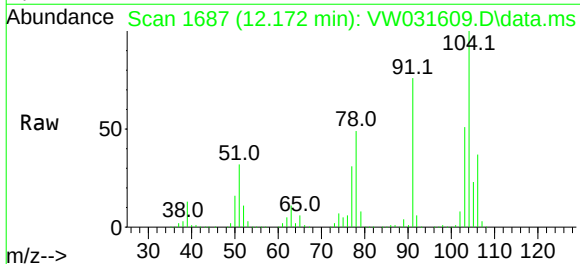
Manual Integrations
APPROVED

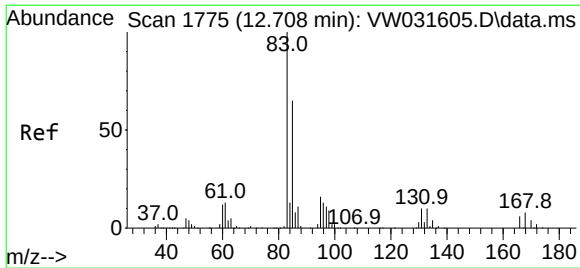
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025



#55
Styrene
Concen: 19.451 ug/L
RT: 12.172 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

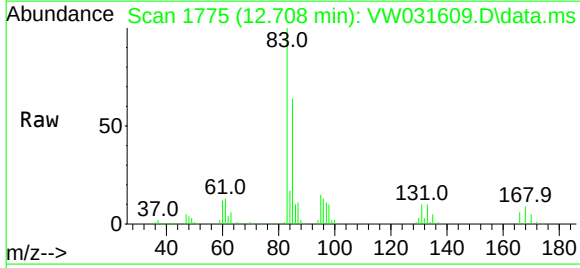
Tgt Ion:104 Resp: 543180
Ion Ratio Lower Upper
104 100
78 48.6 32.0 59.4





#57
1,1,2,2-Tetrachloroethane
Concen: 35.112 ug/L
RT: 12.708 min Scan# 1715
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

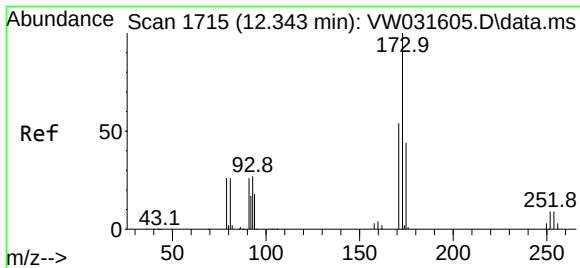
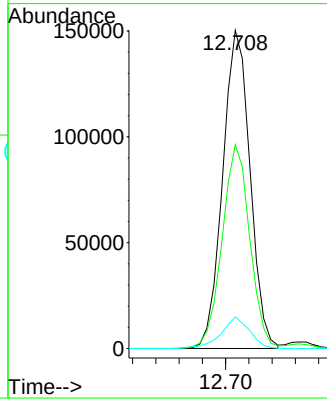
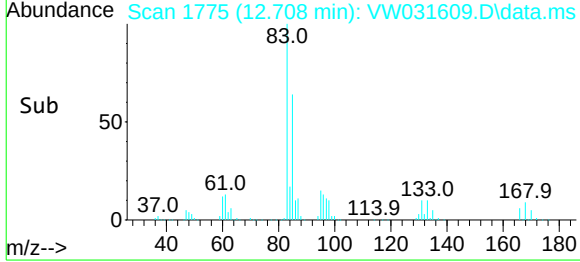
Instrument :
MSVOA_W
ClientSampleId :
A44S6MS



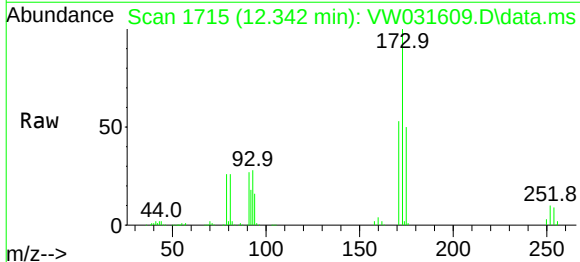
Tgt Ion: 83 Resp: 245439
Ion Ratio Lower Upper
83 100
85 64.0 44.1 81.9
131 9.9 7.4 11.0

Manual Integrations
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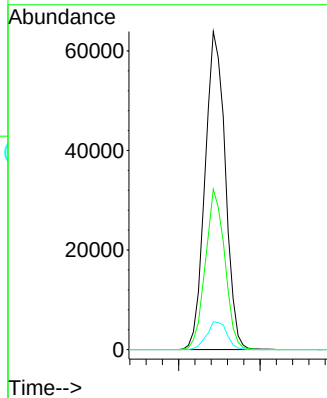
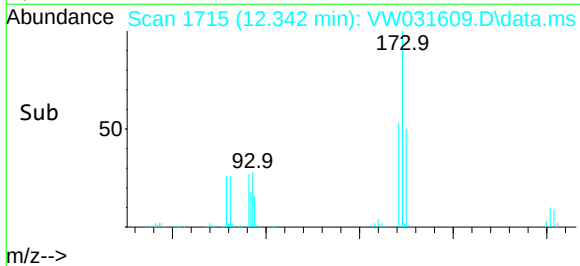
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025

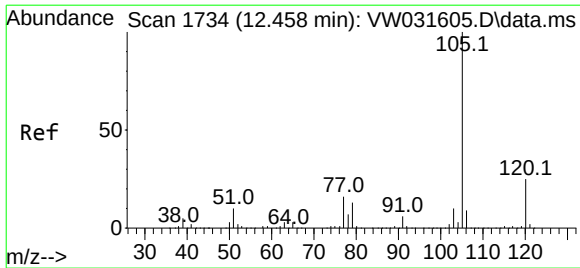


#59
Bromoform
Concen: 44.076 ug/L
RT: 12.342 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26



Tgt Ion:173 Resp: 110138
Ion Ratio Lower Upper
173 100
175 48.4 37.7 56.5
254 8.7 7.1 10.7





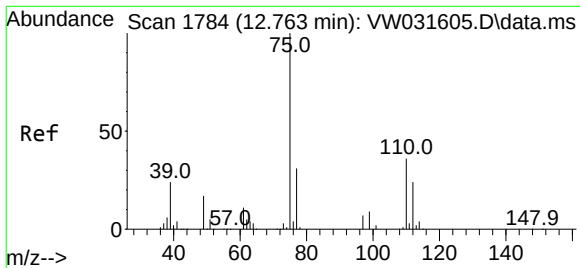
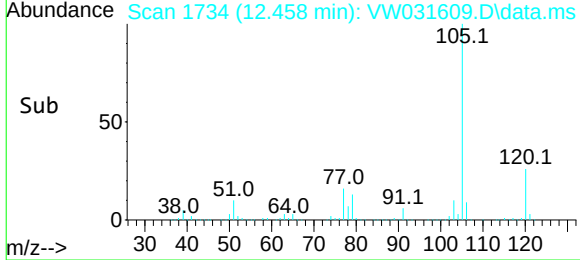
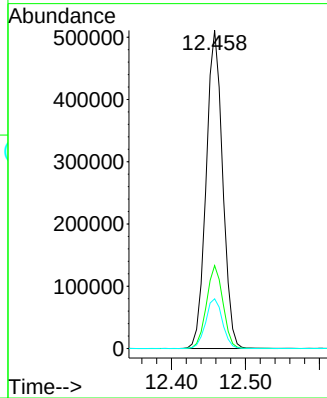
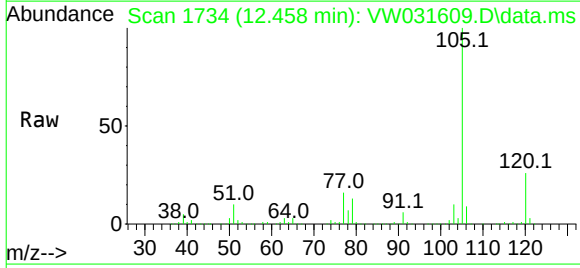
#60
Isopropylbenzene
Concen: 24.054 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

Instrument : MSVOA_W
ClientSampleId : A44S6MS

Tgt Ion:	105	Resp:	787996
Ion Ratio	Lower	Upper	
105	100		
120	26.0	20.1	30.1
77	16.0	12.7	19.1

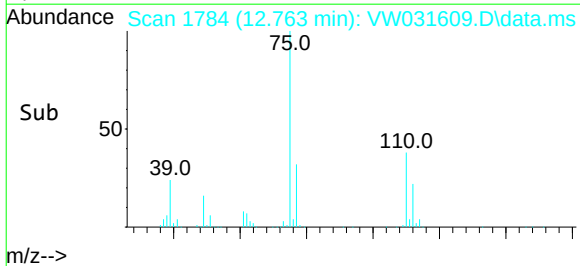
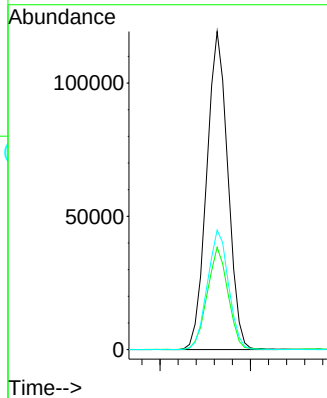
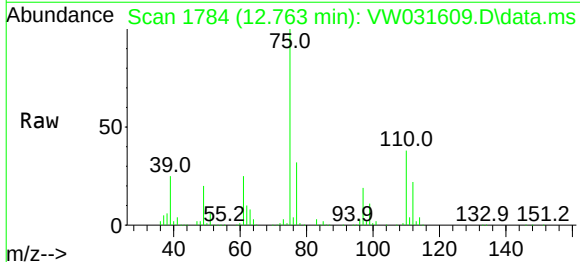
Manual Integrations
APPROVED

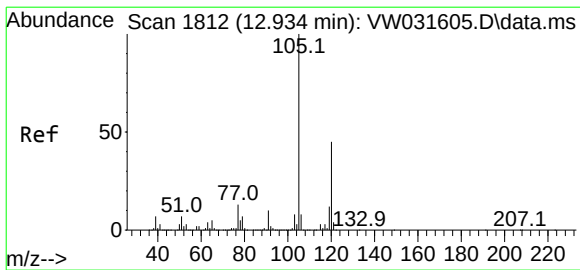
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025



#61
1,2,3-Trichloropropane
Concen: 55.172 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

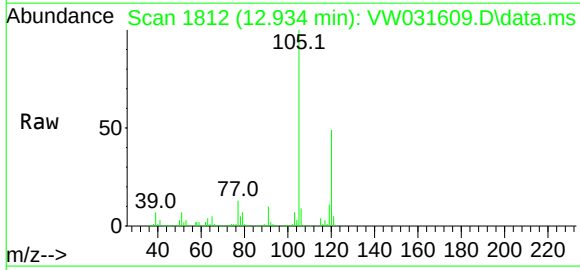
Tgt Ion:	75	Resp:	194294
Ion Ratio	Lower	Upper	
75	100		
77	31.6	26.2	39.2
110	37.4	29.6	44.4





#62
 1,3,5-Trimethylbenzene
 Concen: 21.708 ug/L
 RT: 12.934 min Scan# 1812
 Delta R.T. -0.006 min
 Lab File: VW031609.D
 Acq: 28 Jan 2025 11:26

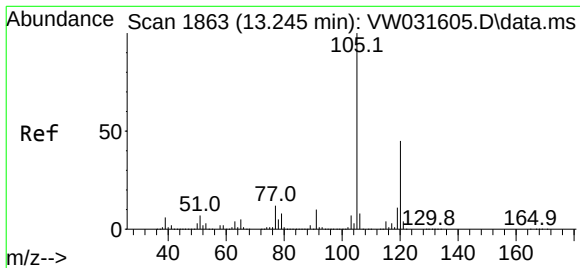
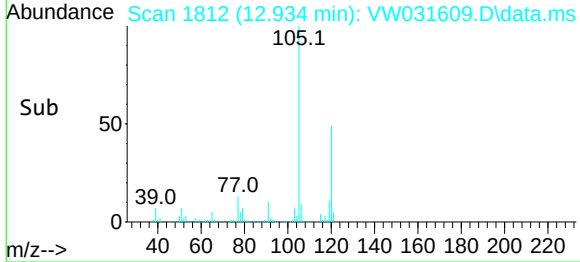
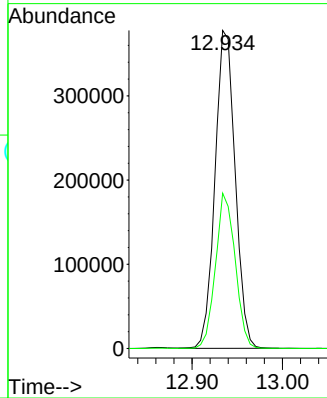
Instrument : MSVOA_W
 ClientSampleId : A44S6MS



Tgt Ion:105 Resp: 585564
 Ion Ratio Lower Upper
 105 100
 120 47.5 37.6 56.4

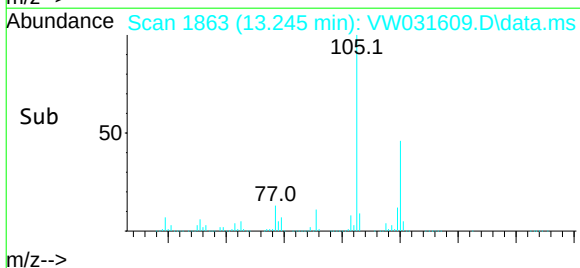
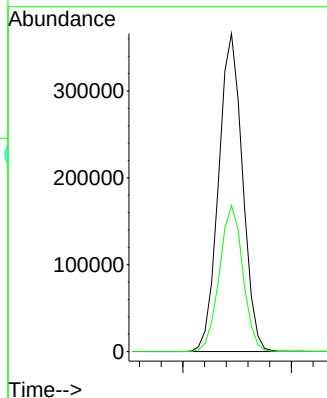
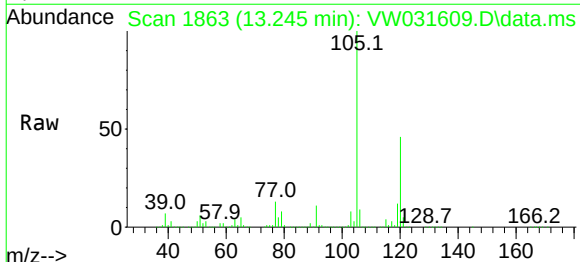
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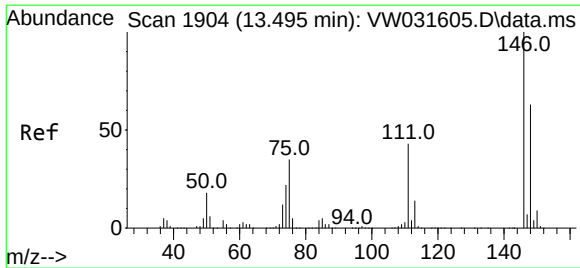
Reviewed By :Semsettin Yesilyurt 01/29/2025
 Supervised By :Mahesh Dadoda 01/29/2025



#63
 1,2,4-Trimethylbenzene
 Concen: 21.314 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW031609.D
 Acq: 28 Jan 2025 11:26

Tgt Ion:105 Resp: 559572
 Ion Ratio Lower Upper
 105 100
 120 45.1 36.3 54.5





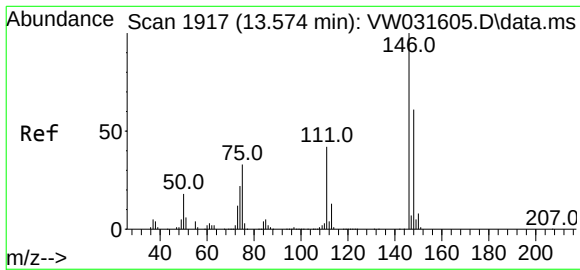
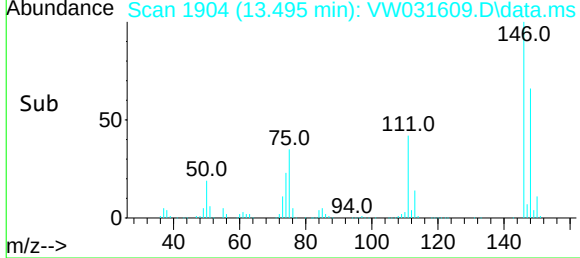
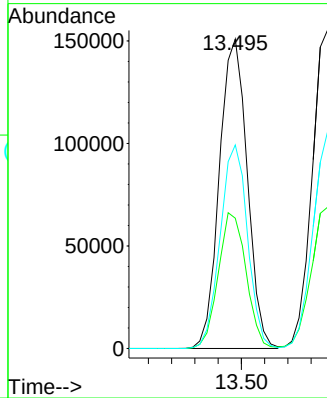
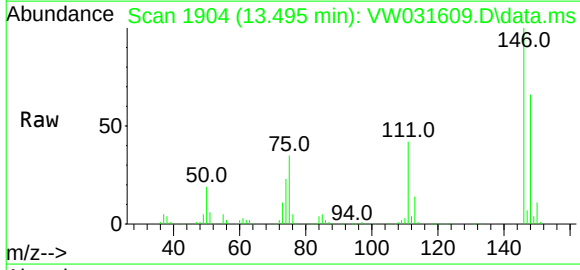
#64
1,3-Dichlorobenzene
Concen: 19.346 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

Instrument : MSVOA_W
ClientSampleId : A44S6MS

Tgt Ion:	146	Resp:	251362
Ion Ratio	Lower	Upper	
146	100		
111	42.1	30.4	56.5
148	65.8	42.1	78.1

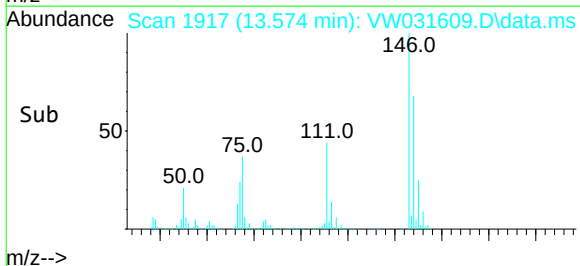
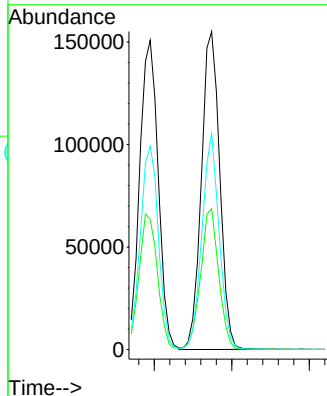
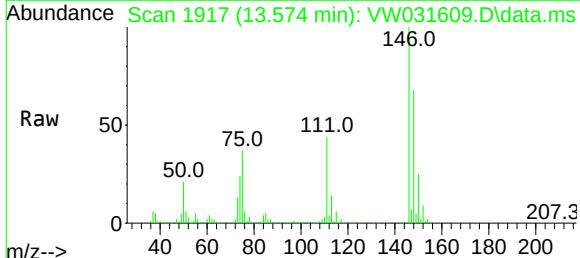
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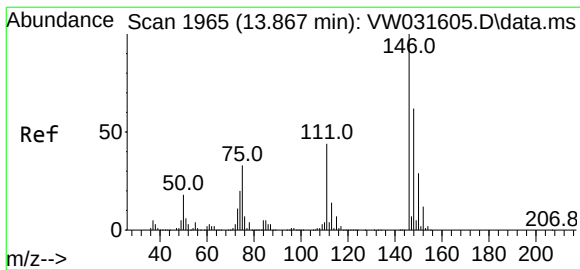
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025



#65
1,4-Dichlorobenzene
Concen: 19.806 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

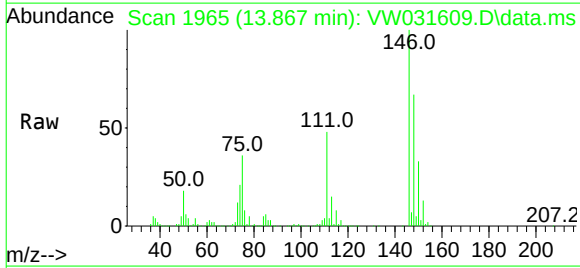
Tgt Ion:	146	Resp:	254526
Ion Ratio	Lower	Upper	
146	100		
111	44.4	28.5	52.9
148	67.9	45.4	84.4





#67
1,2-Dichlorobenzene
Concen: 20.703 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.006 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

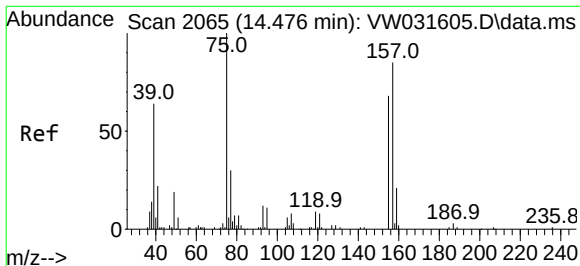
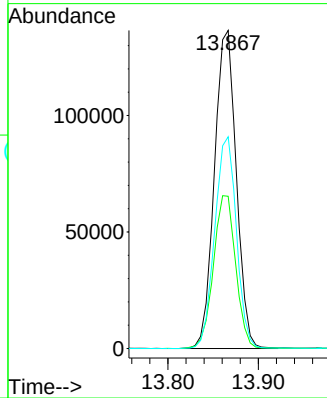
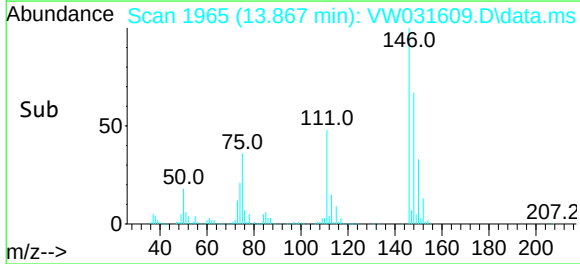
Instrument :
MSVOA_W
ClientSampleId :
A44S6MS



Tgt Ion: 146 Resp: 229714
Ion Ratio Lower Upper
146 100
111 47.9 36.6 55.0
148 66.6 51.0 76.4

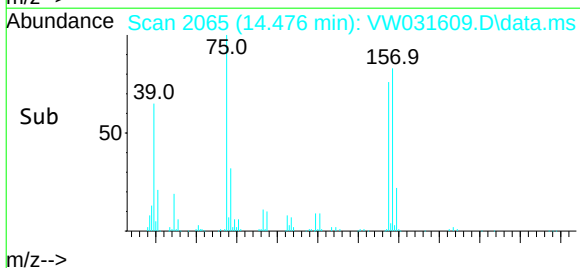
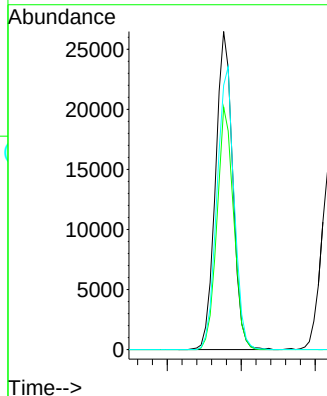
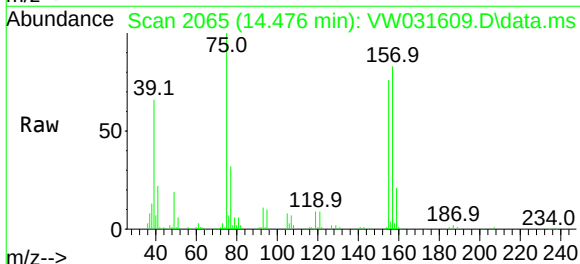
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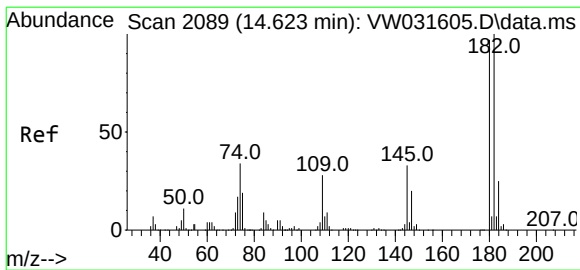
Reviewed By : Semsettin Yesilyurt 01/29/2025
Supervised By : Mahesh Dadoda 01/29/2025



#68
1,2-Dibromo-3-chloropropane
Concen: 54.204 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

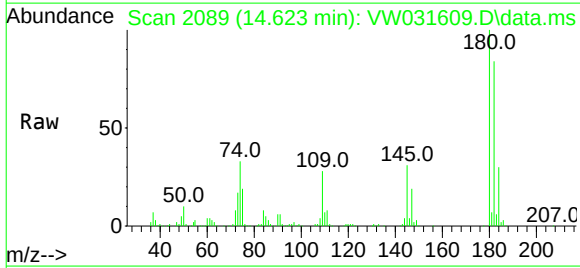
Tgt Ion: 75 Resp: 42676
Ion Ratio Lower Upper
75 100
155 76.2 51.0 76.4
157 83.1 70.2 105.2





#69
1,3,5-Trichlorobenzene
Concen: 12.261 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

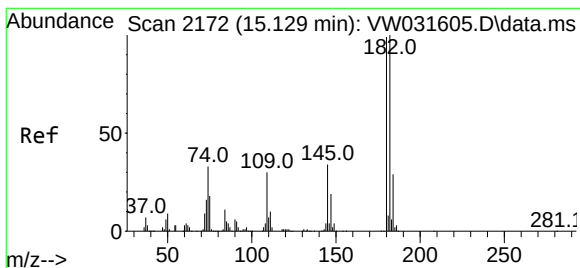
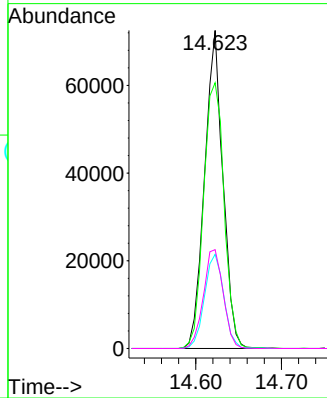
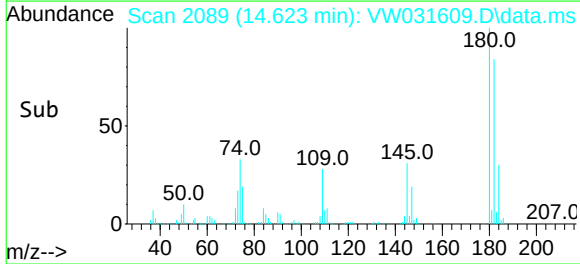
Instrument :
MSVOA_W
ClientSampleId :
A44S6MS



Tgt Ion:180 Resp: 107959
Ion Ratio Lower Upper
180 100
182 93.5 74.2 111.4
184 31.1 23.0 34.4
145 33.5 26.5 39.7

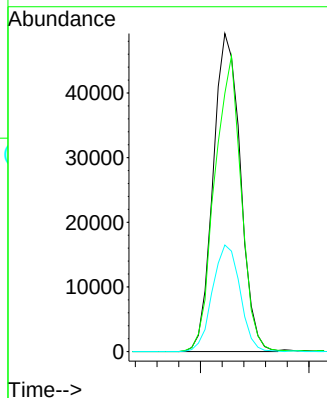
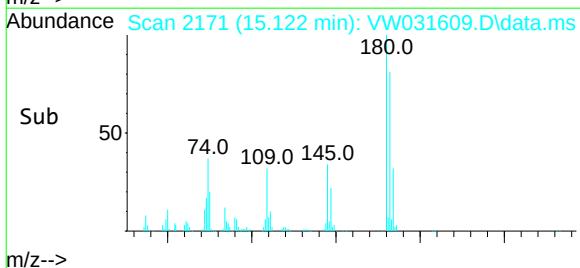
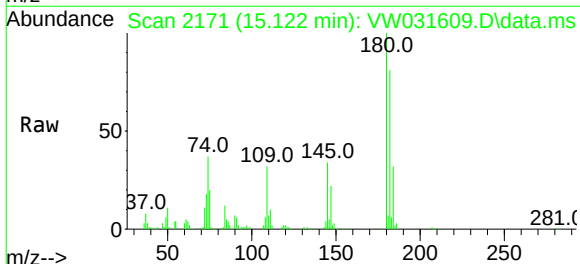
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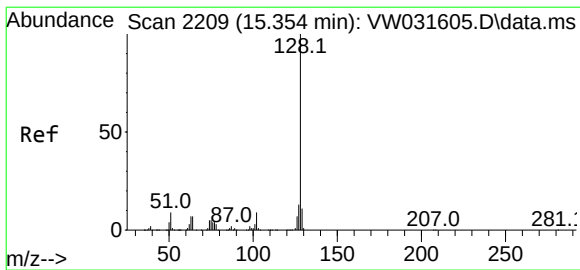
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025



#70
1,2,4-trichlorobenzene
Concen: 12.223 ug/L
RT: 15.122 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

Tgt Ion:180 Resp: 85724
Ion Ratio Lower Upper
180 100
182 90.4 77.7 116.5
145 34.0 26.6 39.8





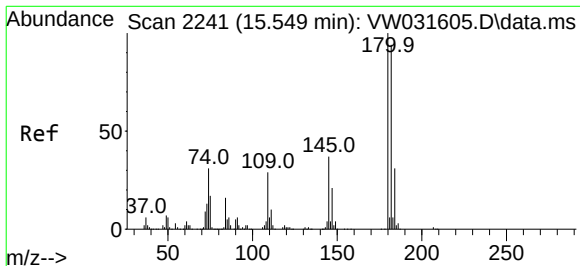
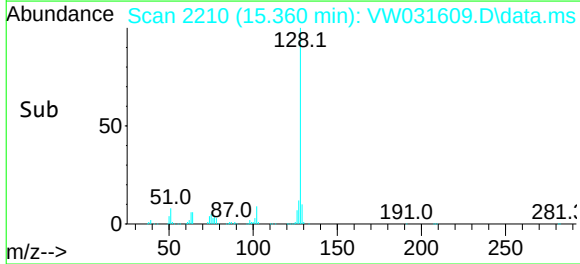
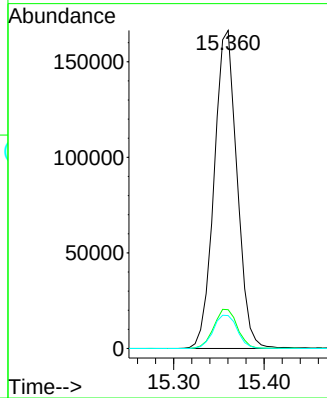
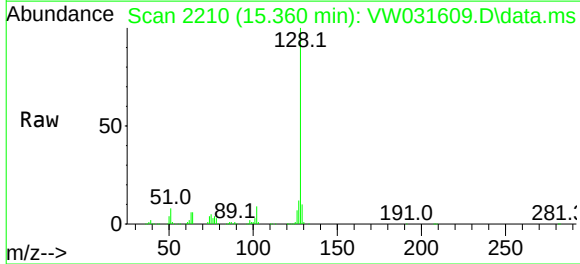
#71
Naphthalene
Concen: 22.257 ug/L
RT: 15.360 min Scan# 2209
Delta R.T. 0.006 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

Instrument :
MSVOA_W
ClientSampleId :
A44S6MS

Tgt Ion:	128	Resp:	292703
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025



#72
1,2,3-Trichlorobenzene
Concen: 12.192 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

Tgt Ion:	180	Resp:	72018
Ion Ratio	Lower	Upper	
180	100		
182	99.1	76.9	115.3
145	36.6	30.1	45.1

