

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102524\
 Data File : VW030762.D
 Acq On : 25 Oct 2024 13:18
 Operator : SY/MD
 Sample : P4492-01DL 2X
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4E60DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2024
 Supervised By :Mahesh Dadoda 10/28/2024

Quant Time: Oct 25 23:21:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 25 23:19:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	257005	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	237990	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	120380	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	110147	27.266	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 109.080%	
7) Chloroethane-d5	2.899	69	94798	31.001	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 124.000%	
11) 1,1-Dichloroethene-d2	4.027	65	45761	27.235	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	= 108.960%	
21) 2-Butanone-d5	7.081	46	43686	60.091	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 120.180%	
24) Chloroform-d	7.648	84	224515	30.547	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 122.200%	
26) 1,2-Dichloroethane-d4	8.307	65	116349	30.443	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 121.760%	
32) Benzene-d6	8.276	84	409239	29.627	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 118.520%	
36) 1,2-Dichloropropane-d6	9.270	67	120381	29.693	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 118.760%	
41) Toluene-d8	10.319	98	391532	31.050	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 124.200%	
43) trans-1,3-Dichloroprop...	10.575	79	52268	30.789	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 123.160%	
47) 2-Hexanone-d5	10.922	63	34806	66.655	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 133.320%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	91977	30.892	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 123.560%#	
66) 1,2-Dichlorobenzene-d4	13.848	152	117919	28.950	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 115.800%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.039	96	79798m	23.142	ug/L	
13) Acetone	4.131	43	30961	29.089	ug/L	97
16) Methylene chloride	4.917	84	174604	44.939	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	62458	16.787	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	124490	23.907	ug/L	100
19) 1,1-Dichloroethane	6.216	63	348672	50.421	ug/L	99
22) 2-Butanone	7.173	43	114349	99.669	ug/L	95
25) Chloroform	7.673	83	373950	50.603	ug/L	97
31) Carbon tetrachloride	8.069	117	50549	8.958	ug/L	95
33) Benzene	8.325	78	571144	36.878	ug/L	100
34) Trichloroethene	9.093	95	220033	51.068	ug/L	98
37) 1,2-Dichloropropane	9.367	63	79993	20.681	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	209044	35.829	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	158594	85.347	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	197787	40.342	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	77153	27.599	ug/L	98
50) 1,2-Dibromoethane	11.233	107	66929	25.658	ug/L	96
53) m,p-Xylene	11.830	106	185599	26.277	ug/L	93
54) o-Xylene	12.160	106	235939	36.131	ug/L	94

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Quant Title : SFAM01.0
QLast Update : Fri Oct 25 23:19:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
57) 1,1,2,2-Tetrachloroethane	12.708	83	87866	27.872	ug/L	94
59) Bromoform	12.349	173	15875	9.386	ug/L	95
61) 1,2,3-Trichloropropane	12.763	75	97310	41.542	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	169178	20.849	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	171433	20.461	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	6268	12.001	ug/L	90
70) 1,2,4-trichlorobenzene	15.129	180	47959	11.133	ug/L	100

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

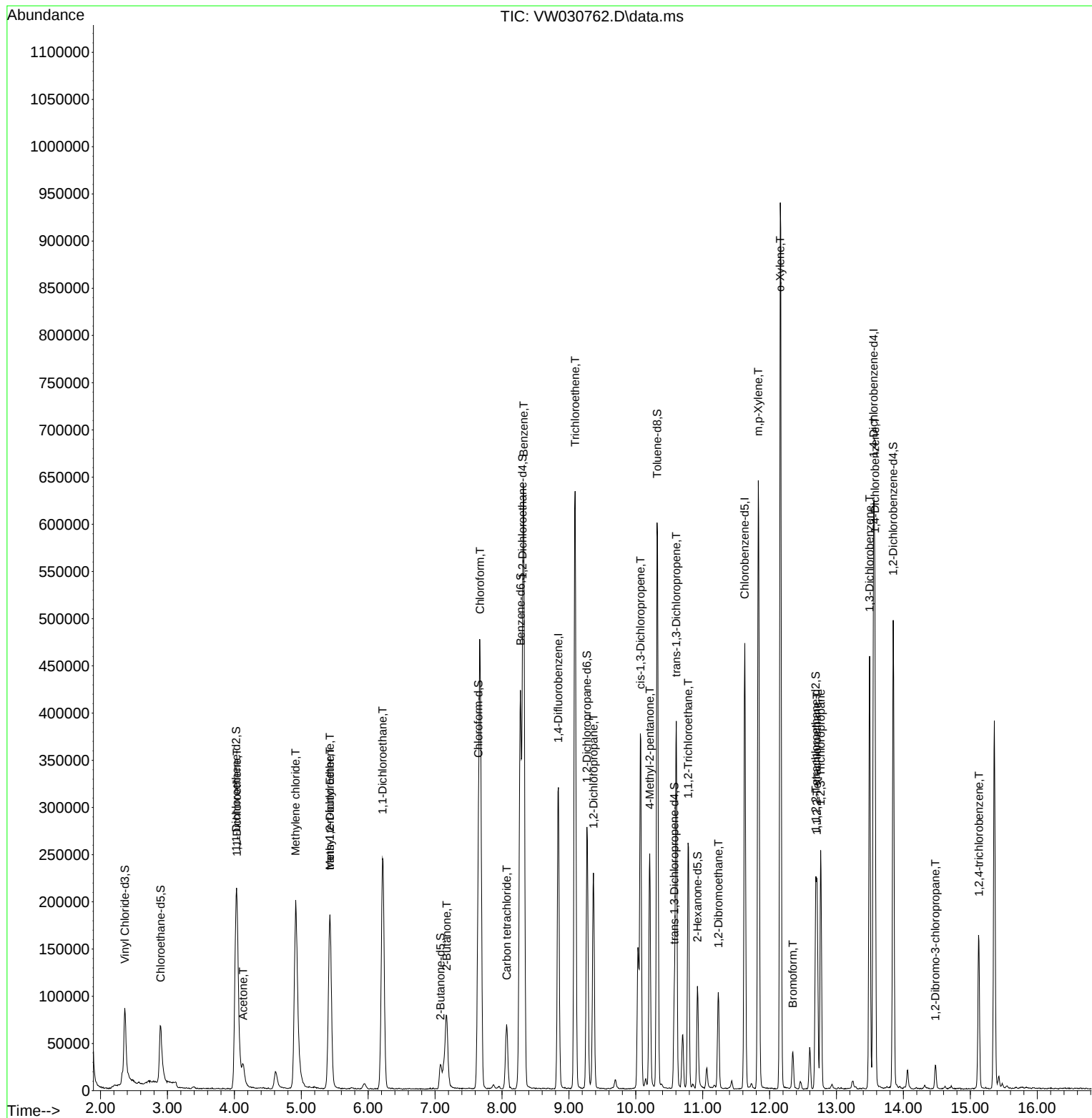
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102524\
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Misc : 5.00g/10mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

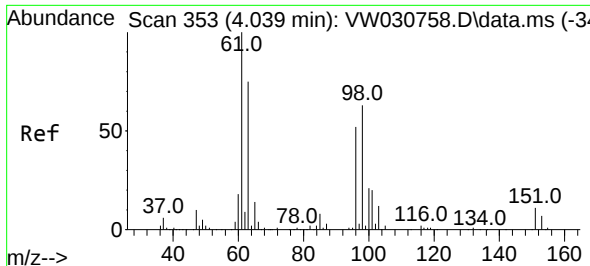
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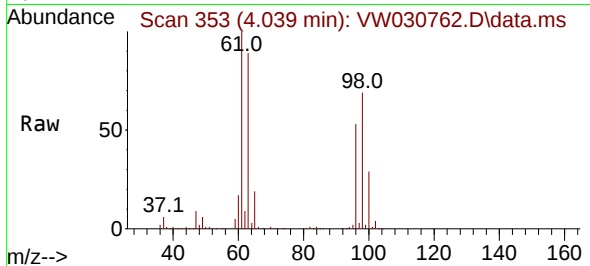
Quant Time: Oct 25 23:21:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
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#12
1,1-Dichloroethene
Concen: 23.142 ug/L m
RT: 4.039 min Scan# 353
Delta R.T. -0.000 min
Lab File: VW030762.D
Acq: 25 Oct 2024 13:18

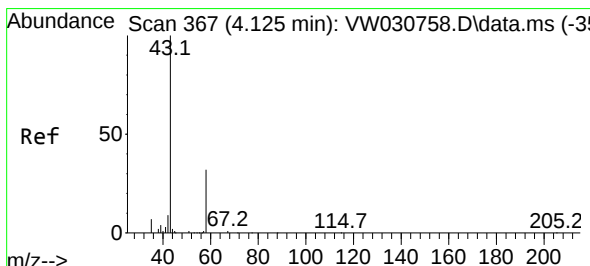
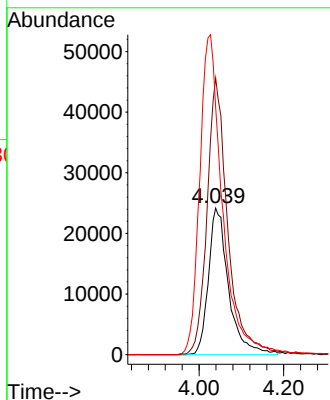
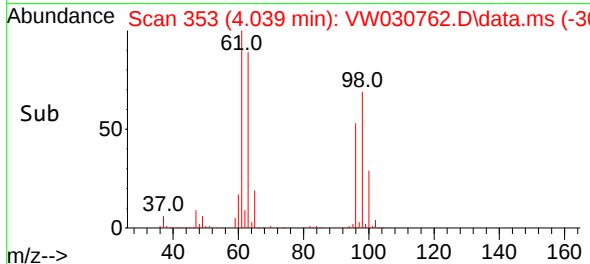
Instrument :
MSVOA_W
ClientSampleId :
A4E60DL



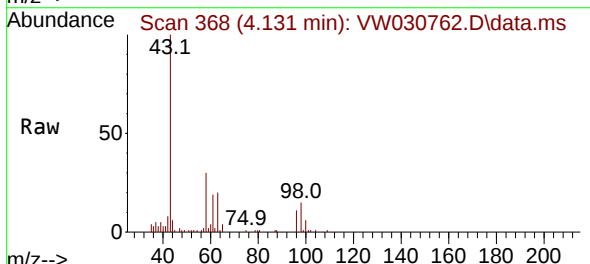
Tgt Ion: 96 Resp: 79798
Ion Ratio Lower Upper
96 100
61 188.8 121.3 225.3
63 168.9 87.6 162.8

Manual Integrations
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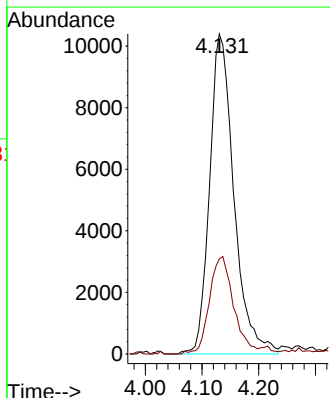
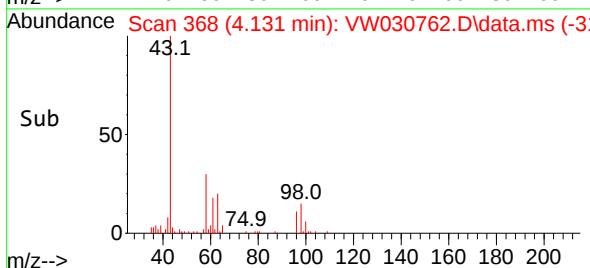
Reviewed By :Semsettin Yesilyurt 10/28/2024
Supervised By :Mahesh Dadoda 10/28/2024

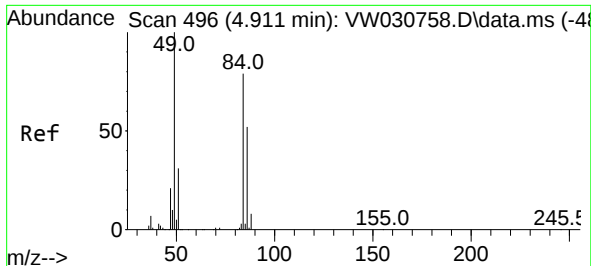


#13
Acetone
Concen: 29.089 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.006 min
Lab File: VW030762.D
Acq: 25 Oct 2024 13:18



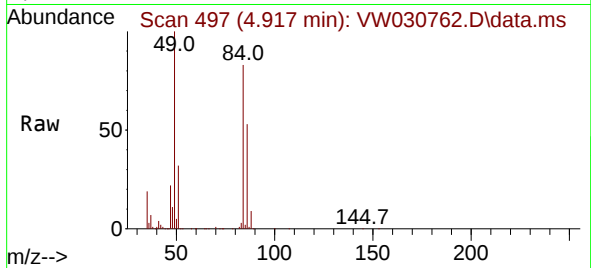
Tgt Ion: 43 Resp: 30961
Ion Ratio Lower Upper
43 100
58 30.2 0.0 57.6





#16
Methylene chloride
Concen: 44.939 ug/L
RT: 4.917 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW030762.D
Acq: 25 Oct 2024 13:18

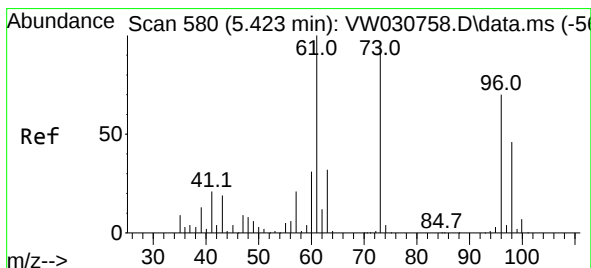
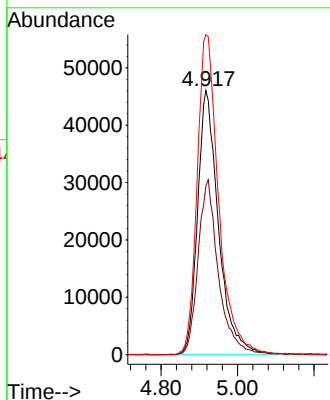
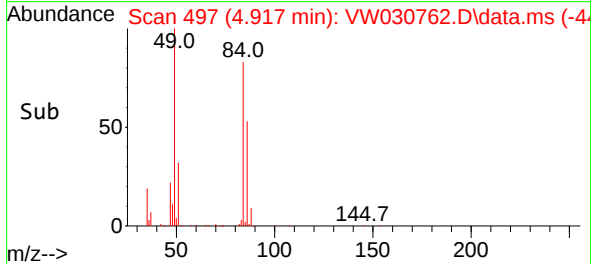
Instrument :
MSVOA_W
ClientSampleId :
A4E60DL



Tgt Ion: 84 Resp: 174604
Ion Ratio Lower Upper
84 100
86 63.9 43.8 81.3
49 121.1 88.3 164.1

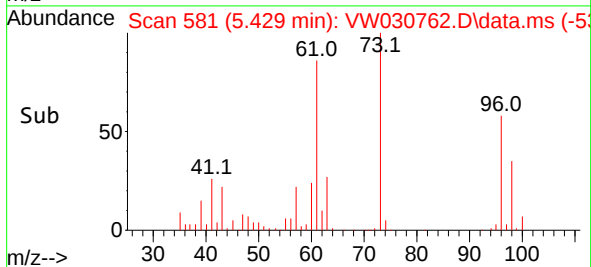
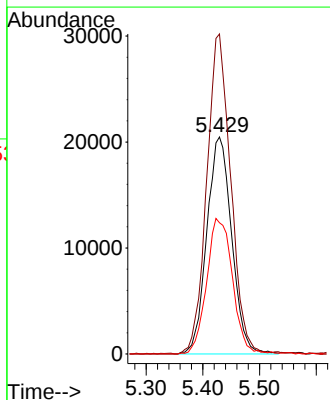
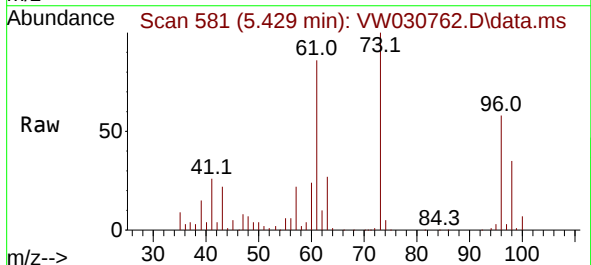
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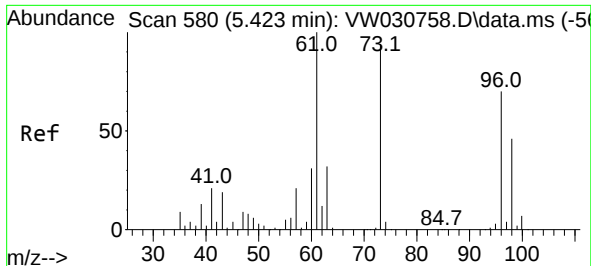
Reviewed By :Semsettin Yesilyurt 10/28/2024
Supervised By :Mahesh Dadoda 10/28/2024



#17
trans-1,2-Dichloroethene
Concen: 16.787 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW030762.D
Acq: 25 Oct 2024 13:18

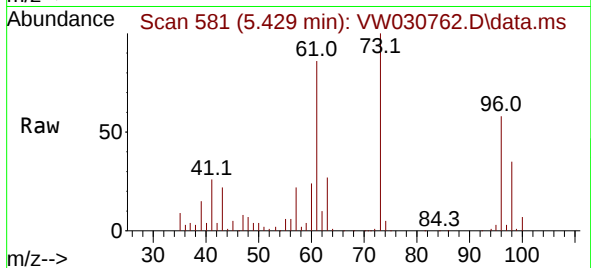
Tgt Ion: 96 Resp: 62458
Ion Ratio Lower Upper
96 100
61 147.5 96.9 179.9
98 60.5 42.2 78.4





#18
Methyl tert-butyl Ether
Concen: 23.907 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW030762.D
Acq: 25 Oct 2024 13:18

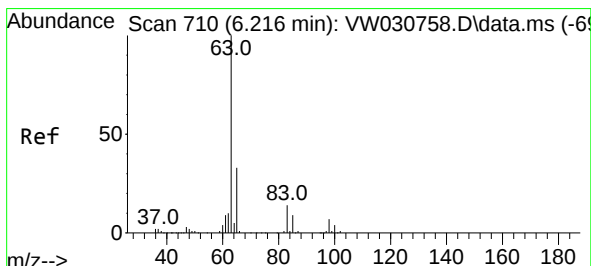
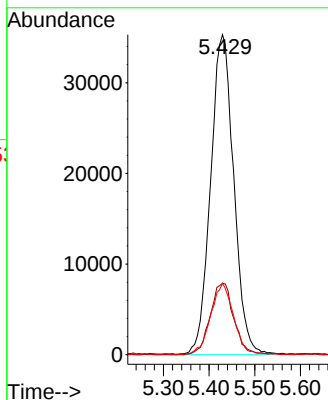
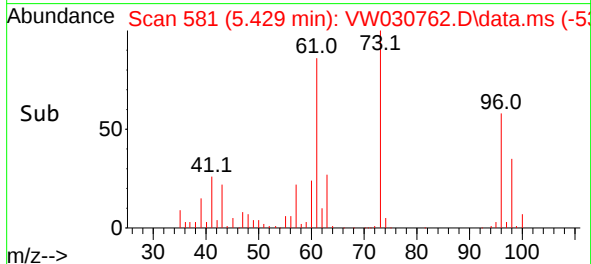
Instrument :
MSVOA_W
ClientSampleId :
A4E60DL



Tgt Ion: 73 Resp: 124490
Ion Ratio Lower Upper
73 100
43 22.7 18.1 27.1
57 21.8 17.7 26.5

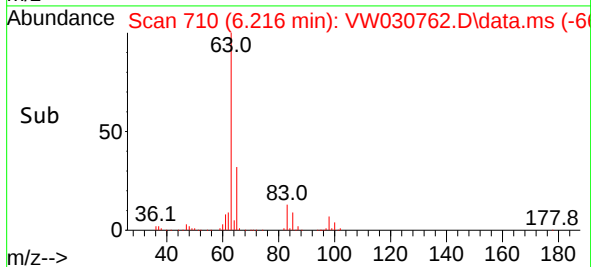
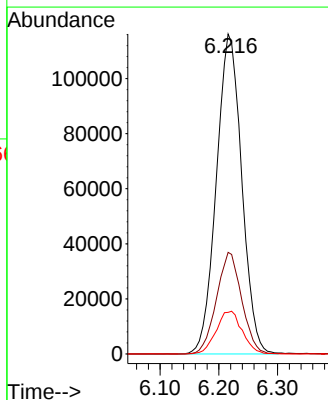
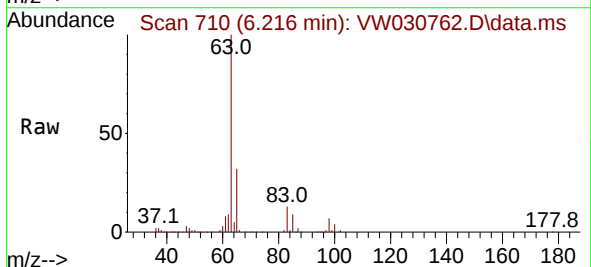
Manual Integrations
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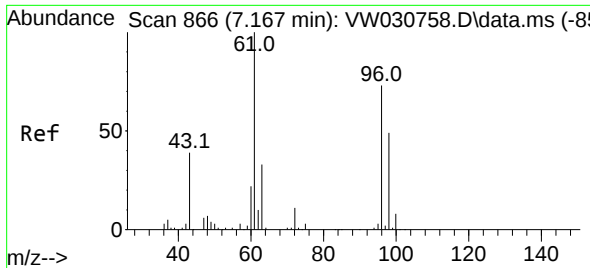
Reviewed By :Semsettin Yesilyurt 10/28/2024
Supervised By :Mahesh Dadoda 10/28/2024



#19
1,1-Dichloroethane
Concen: 50.421 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW030762.D
Acq: 25 Oct 2024 13:18

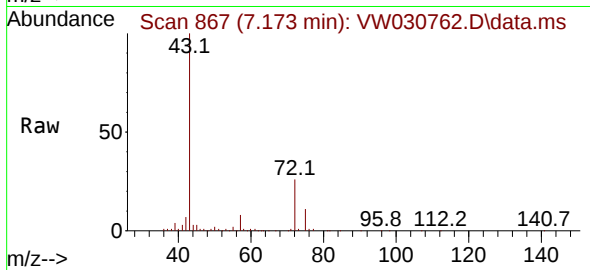
Tgt Ion: 63 Resp: 348672
Ion Ratio Lower Upper
63 100
65 31.8 22.5 41.9
83 13.0 9.8 18.2





#22
2-Butanone
Concen: 99.669 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW030762.D
Acq: 25 Oct 2024 13:18

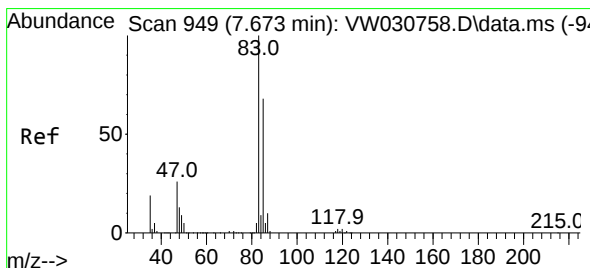
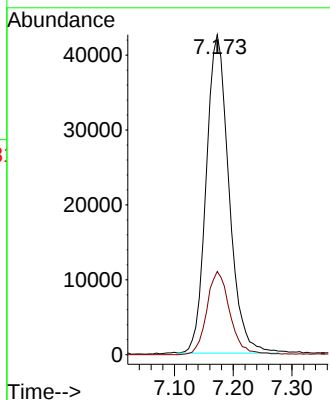
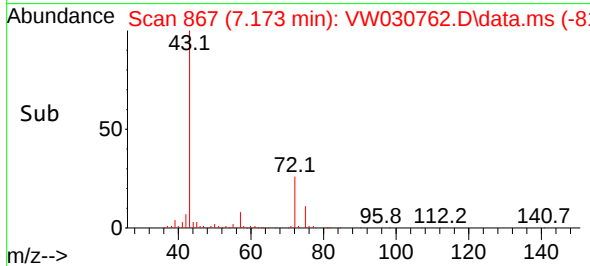
Instrument :
MSVOA_W
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Tgt Ion: 43 Resp: 114349
Ion Ratio Lower Upper
43 100
72 26.3 14.4 43.0

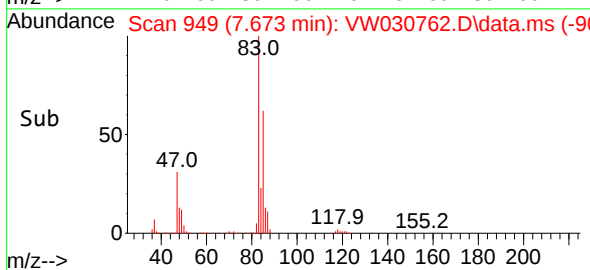
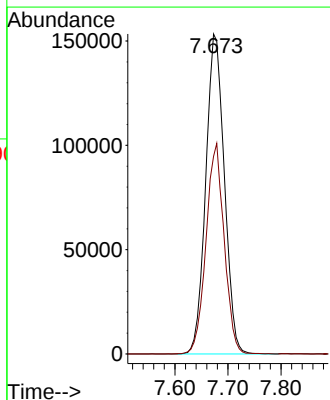
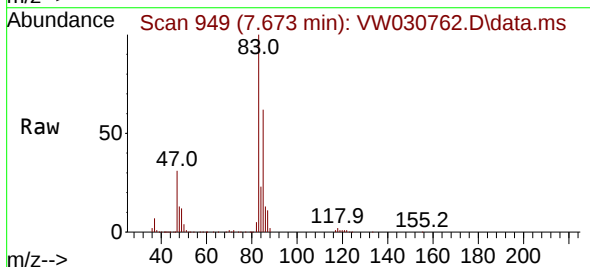
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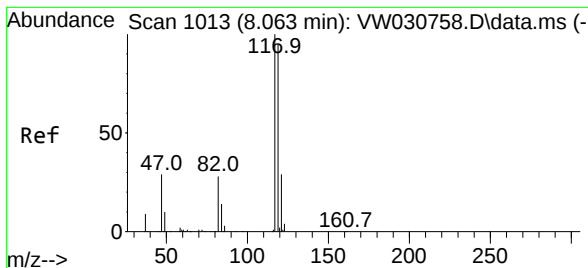
Reviewed By :Semsettin Yesilyurt 10/28/2024
Supervised By :Mahesh Dadoda 10/28/2024



#25
Chloroform
Concen: 50.603 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW030762.D
Acq: 25 Oct 2024 13:18

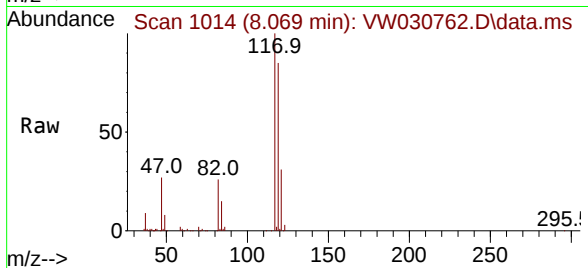
Tgt Ion: 83 Resp: 373950
Ion Ratio Lower Upper
83 100
85 61.7 45.1 83.7





#31
Carbon tetrachloride
Concen: 8.958 ug/L
RT: 8.069 min Scan# 1013
Delta R.T. 0.006 min
Lab File: VW030762.D
Acq: 25 Oct 2024 13:18

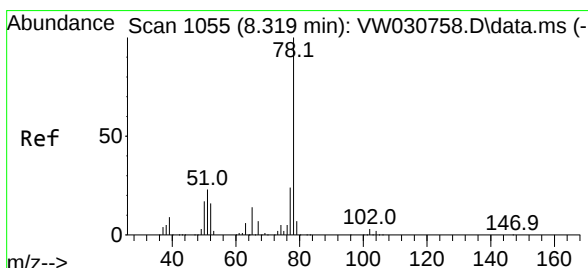
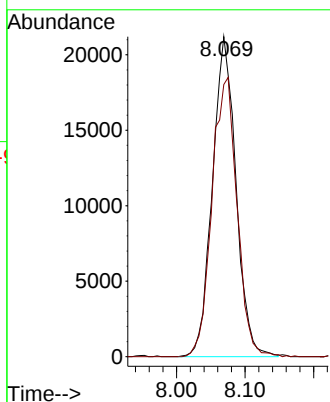
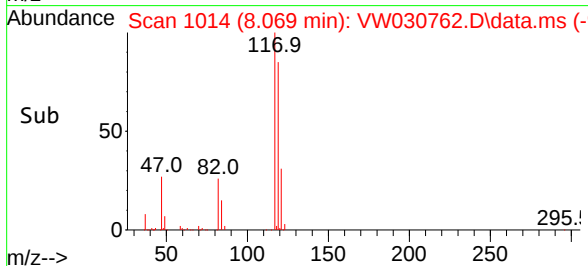
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Tgt Ion:117 Resp: 50549
Ion Ratio Lower Upper
117 100
119 92.5 77.8 116.8

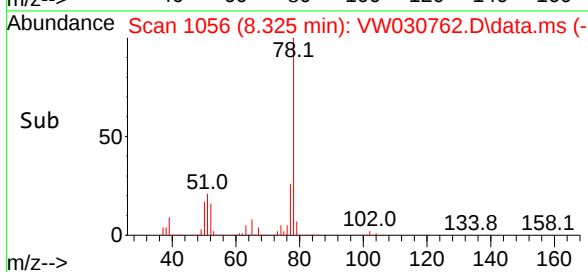
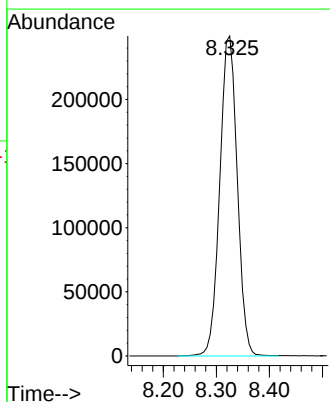
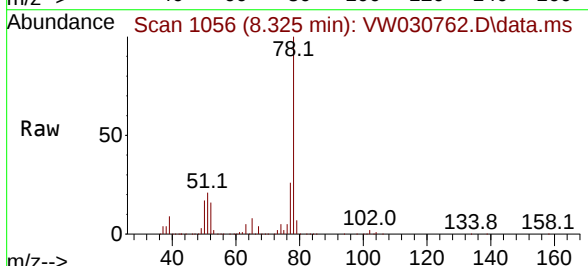
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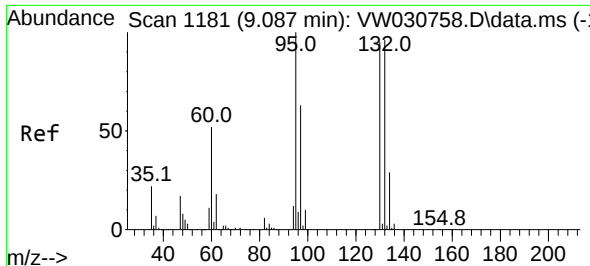
Reviewed By :Semsettin Yesilyurt 10/28/2024
Supervised By :Mahesh Dadoda 10/28/2024



#33
Benzene
Concen: 36.878 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW030762.D
Acq: 25 Oct 2024 13:18

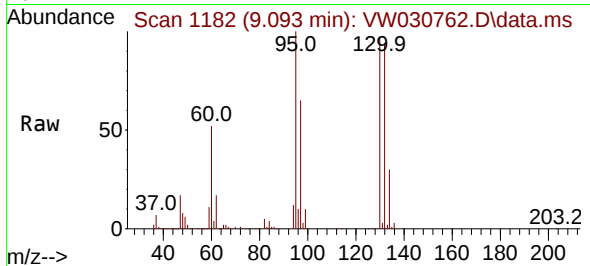
Tgt Ion: 78 Resp: 571144





#34
Trichloroethene
Concen: 51.068 ug/L
RT: 9.093 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VW030762.D
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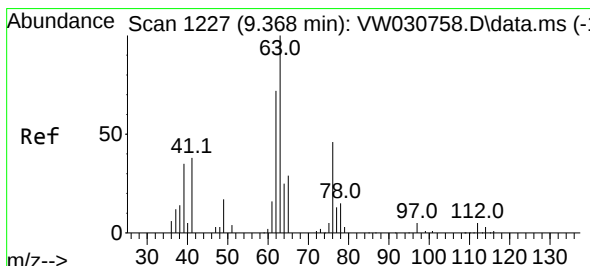
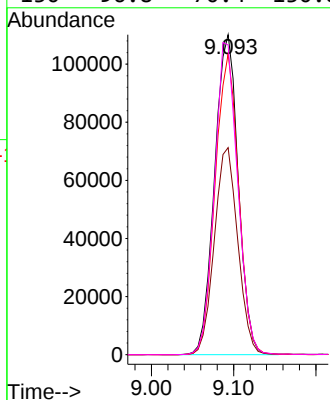
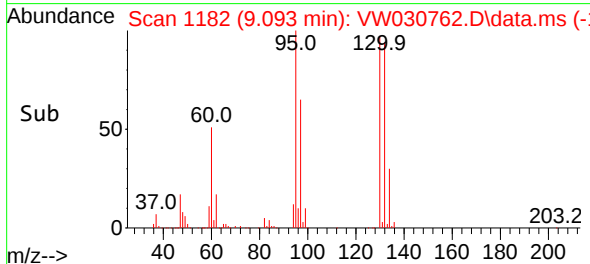
Instrument :
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ClientSampleId :
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Tgt Ion: 95 Resp: 22003
Ion Ratio Lower Upper
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97 64.7 45.9 85.3
132 93.9 66.4 123.2
130 96.8 70.4 130.8

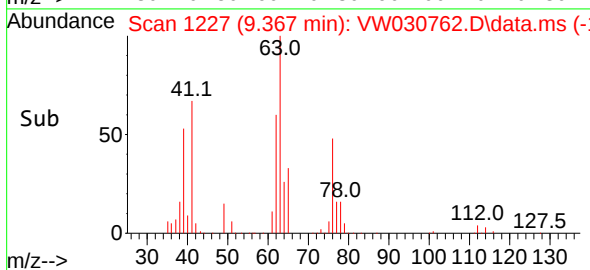
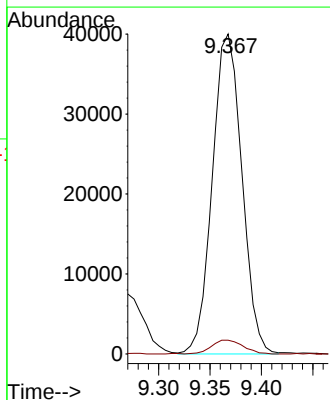
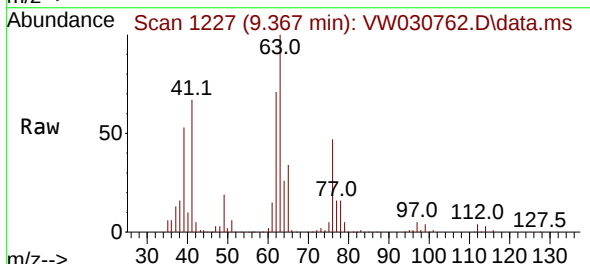
Manual Integrations
APPROVED

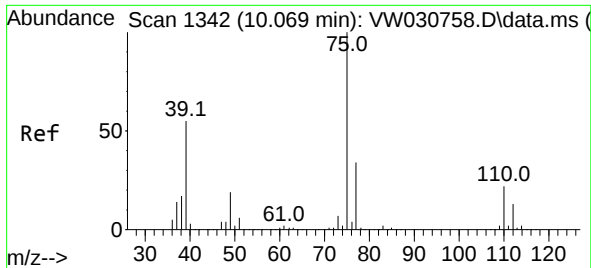
Reviewed By :Semsettin Yesilyurt 10/28/2024
Supervised By :Mahesh Dadoda 10/28/2024



#37
1,2-Dichloropropane
Concen: 20.681 ug/L
RT: 9.367 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VW030762.D
Acq: 25 Oct 2024 13:18

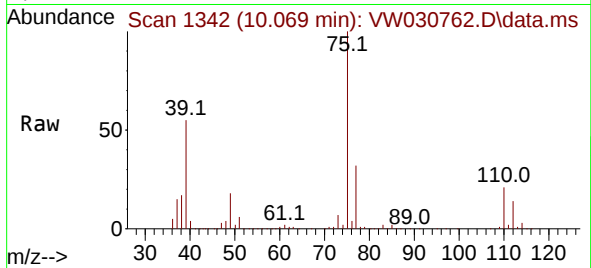
Tgt Ion: 63 Resp: 79993
Ion Ratio Lower Upper
63 100
112 4.6 3.7 5.5





#39
 cis-1,3-Dichloropropene
 Concen: 35.829 ug/L
 RT: 10.069 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW030762.D
 Acq: 25 Oct 2024 13:18

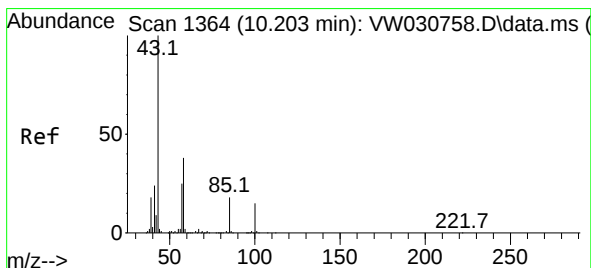
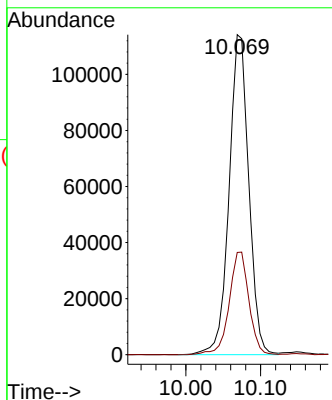
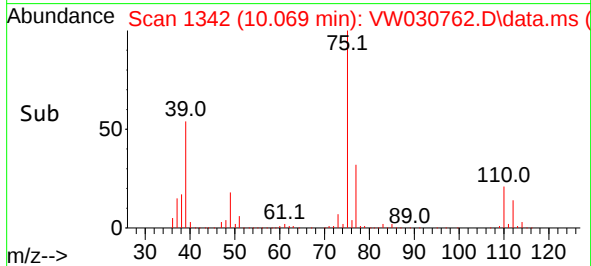
Instrument :
 MSVOA_W
 ClientSampleId :
 A4E60DL



Tgt Ion: 75 Resp: 20904
 Ion Ratio Lower Upper
 75 100
 77 31.9 21.1 39.1

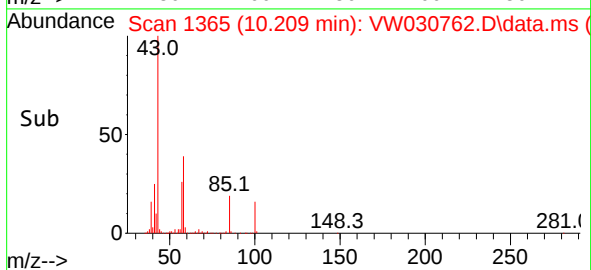
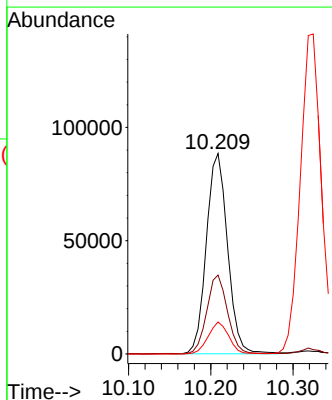
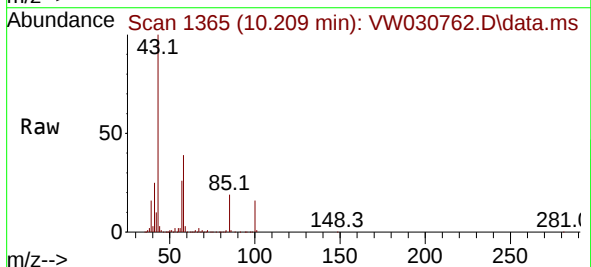
Manual Integrations
 APPROVED

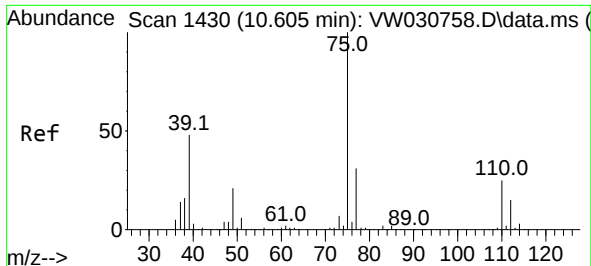
Reviewed By :Semsettin Yesilyurt 10/28/2024
 Supervised By :Mahesh Dadoda 10/28/2024



#40
 4-Methyl-2-pentanone
 Concen: 85.347 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.006 min
 Lab File: VW030762.D
 Acq: 25 Oct 2024 13:18

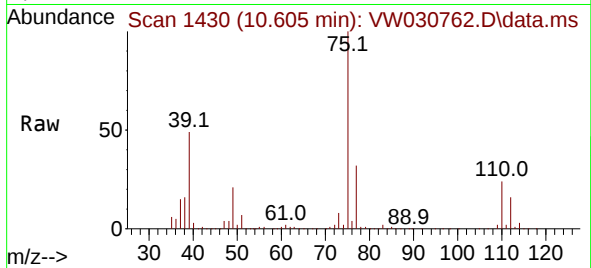
Tgt Ion: 43 Resp: 158594
 Ion Ratio Lower Upper
 43 100
 58 38.8 31.4 47.2
 100 15.5 13.1 19.7





#44
trans-1,3-Dichloropropene
Concen: 40.342 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW030762.D
Acq: 25 Oct 2024 13:18

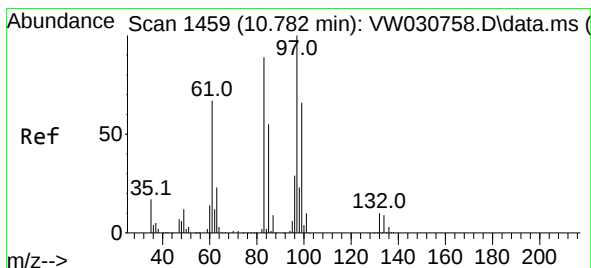
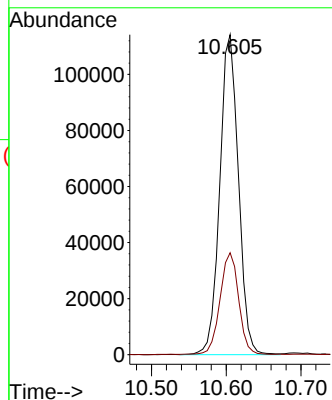
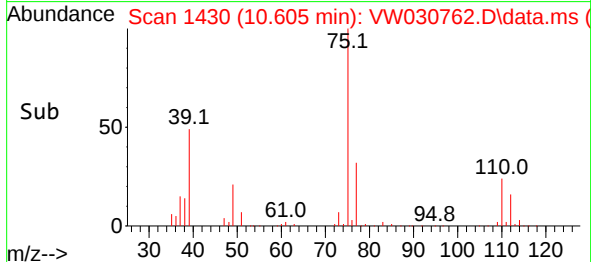
Instrument :
MSVOA_W
ClientSampleId :
A4E60DL



Tgt Ion: 75 Resp: 19778
Ion Ratio Lower Upper
75 100
77 31.9 21.6 40.2

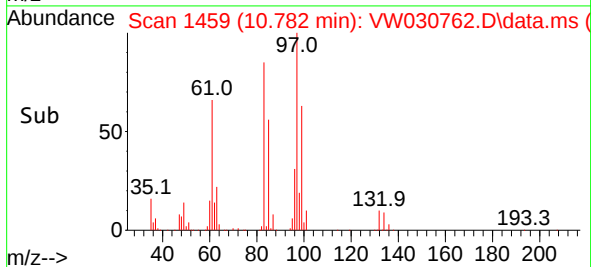
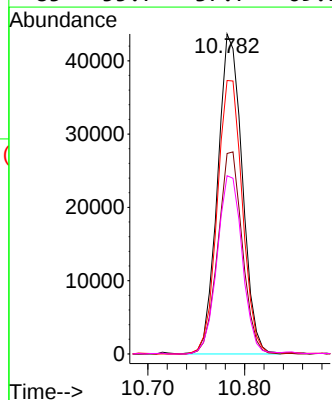
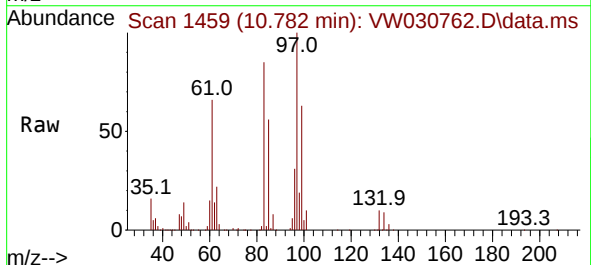
Manual Integrations
APPROVED

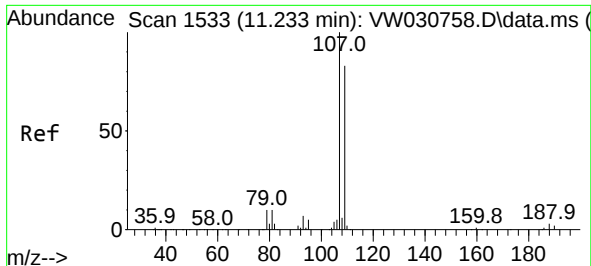
Reviewed By :Semsettin Yesilyurt 10/28/2024
Supervised By :Mahesh Dadoda 10/28/2024



#45
1,1,2-Trichloroethane
Concen: 27.599 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW030762.D
Acq: 25 Oct 2024 13:18

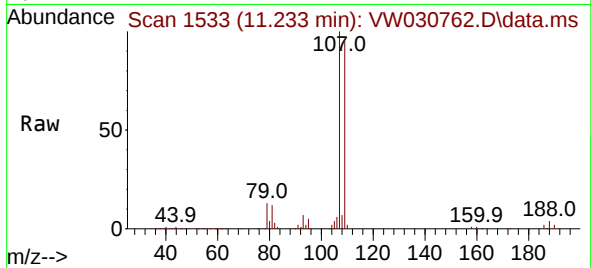
Tgt Ion: 97 Resp: 77153
Ion Ratio Lower Upper
97 100
99 62.7 41.2 76.6
83 85.4 59.6 110.6
85 55.7 37.7 69.9





#50
1,2-Dibromoethane
Concen: 25.658 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW030762.D
Acq: 25 Oct 2024 13:18

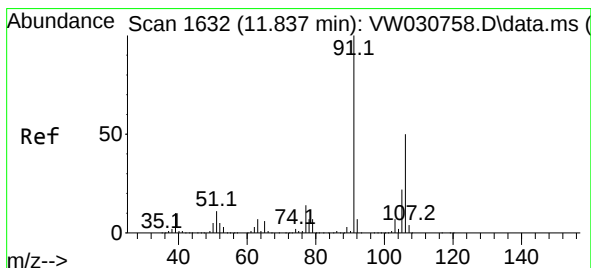
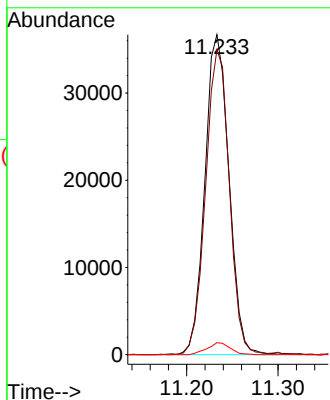
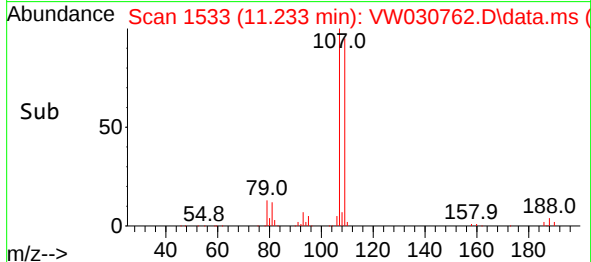
Instrument :
MSVOA_W
ClientSampleId :
A4E60DL



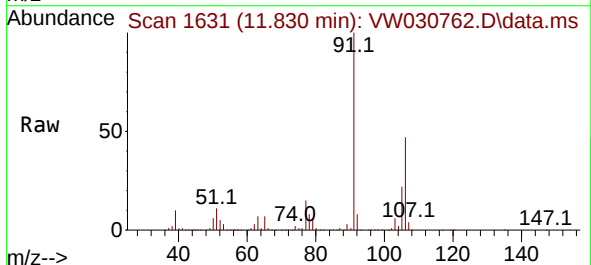
Tgt Ion:107 Resp: 66929
Ion Ratio Lower Upper
107 100
109 95.3 63.8 118.6
188 3.7 2.6 3.8

Manual Integrations
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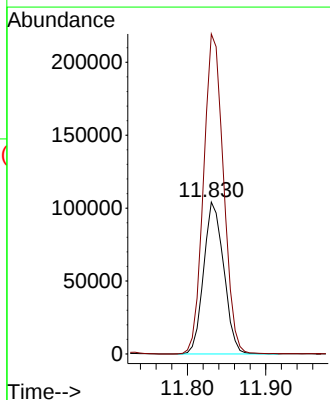
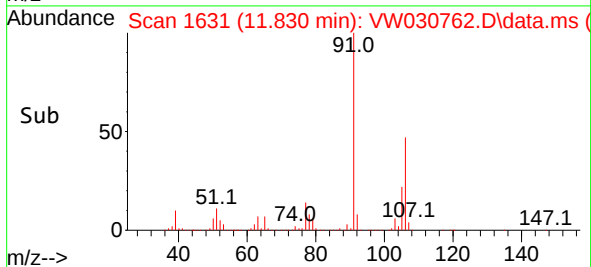
Reviewed By :Semsettin Yesilyurt 10/28/2024
Supervised By :Mahesh Dadoda 10/28/2024

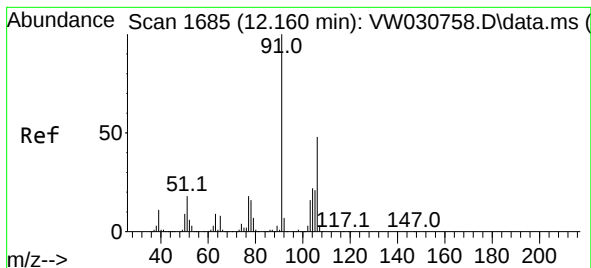


#53
m,p-Xylene
Concen: 26.277 ug/L
RT: 11.830 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW030762.D
Acq: 25 Oct 2024 13:18



Tgt Ion:106 Resp: 185599
Ion Ratio Lower Upper
106 100
91 210.8 140.6 261.2





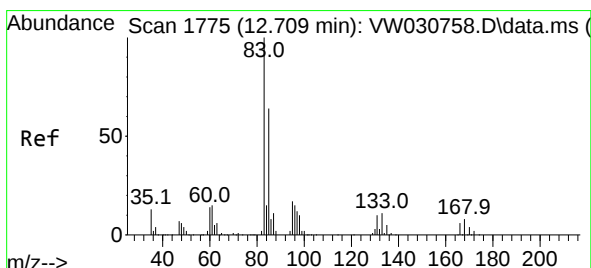
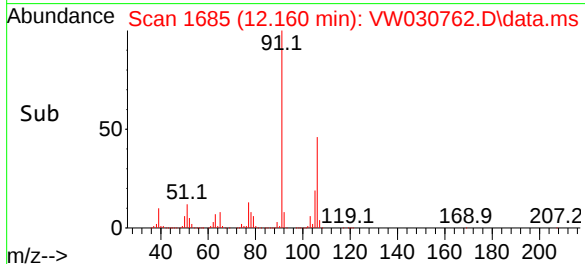
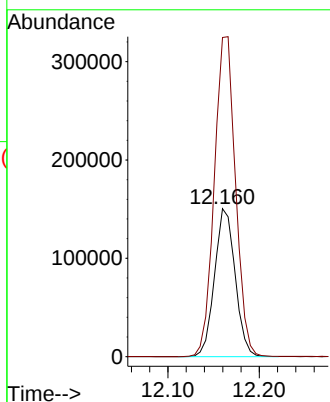
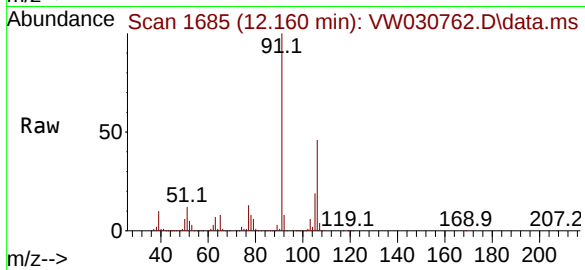
#54
o-Xylene
Concen: 36.131 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW030762.D
Acq: 25 Oct 2024 13:18

Instrument :
MSVOA_W
ClientSampleId :
A4E60DL

Tgt Ion:106 Resp: 235939
Ion Ratio Lower Upper
106 100
91 215.7 144.5 268.4

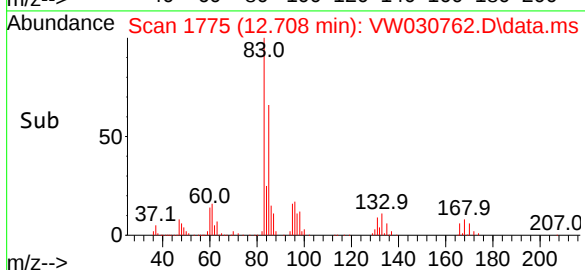
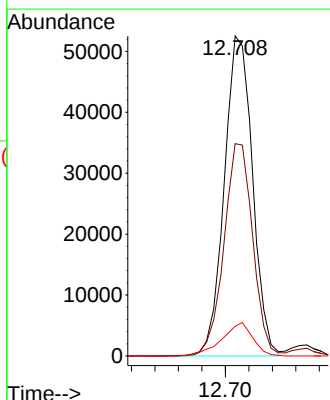
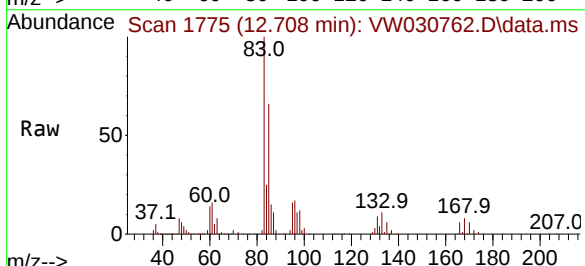
Manual Integrations
APPROVED

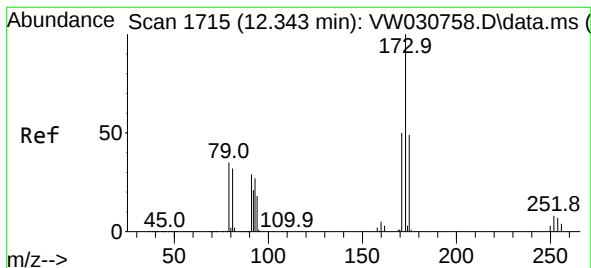
Reviewed By :Semsettin Yesilyurt 10/28/2024
Supervised By :Mahesh Dadoda 10/28/2024



#57
1,1,2,2-Tetrachloroethane
Concen: 27.872 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW030762.D
Acq: 25 Oct 2024 13:18

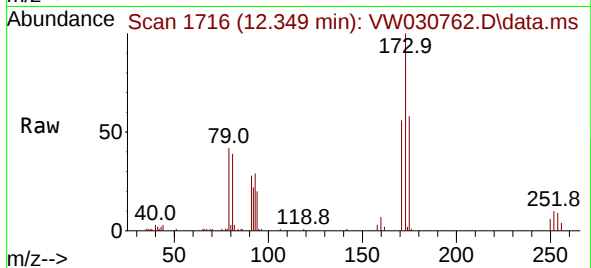
Tgt Ion: 83 Resp: 87866
Ion Ratio Lower Upper
83 100
85 66.3 42.6 79.2
131 9.3 7.4 11.0





#59
Bromoform
Concen: 9.386 ug/L
RT: 12.349 min Scan# 1715
Delta R.T. 0.006 min
Lab File: VW030762.D
Acq: 25 Oct 2024 13:18

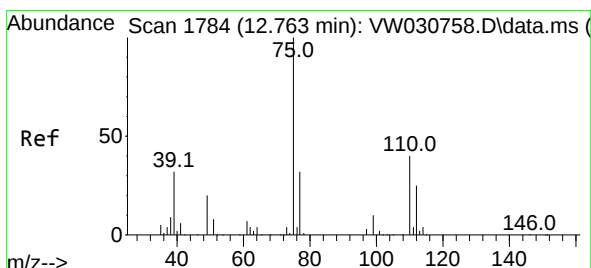
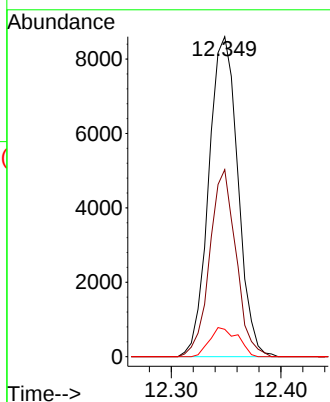
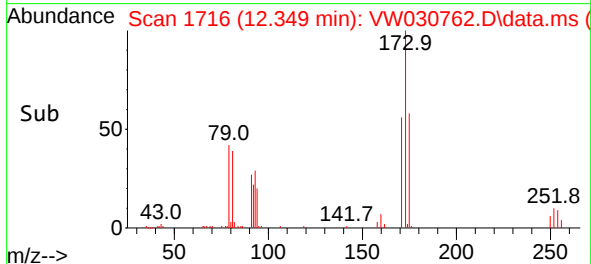
Instrument :
MSVOA_W
ClientSampleId :
A4E60DL



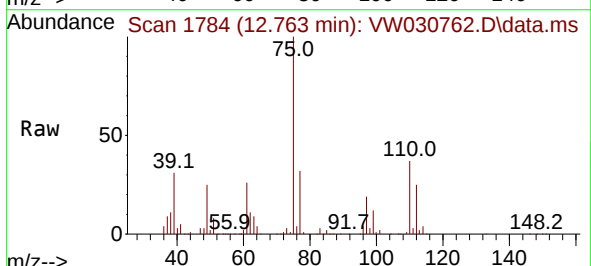
Tgt Ion:173 Resp: 15879
Ion Ratio Lower Upper
173 100
175 52.9 39.0 58.4
254 8.8 7.7 11.5

Manual Integrations
APPROVED

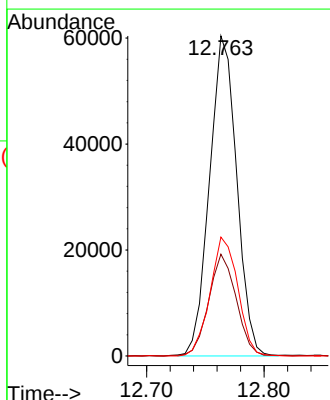
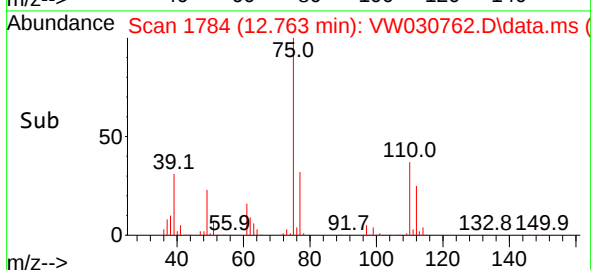
Reviewed By :Semsettin Yesilyurt 10/28/2024
Supervised By :Mahesh Dadoda 10/28/2024

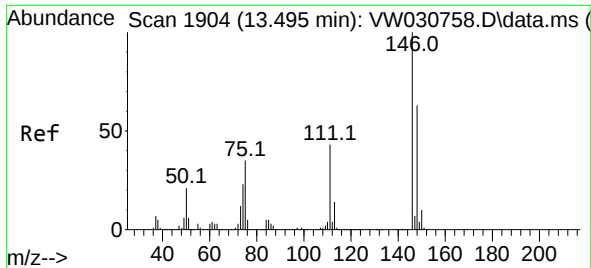


#61
1,2,3-Trichloropropane
Concen: 41.542 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW030762.D
Acq: 25 Oct 2024 13:18



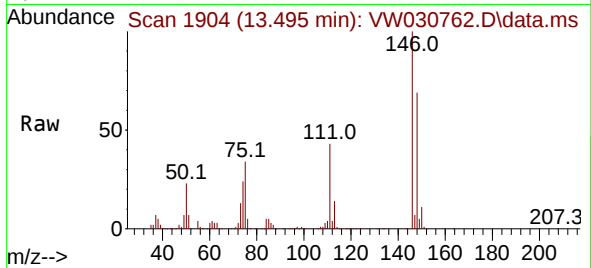
Tgt Ion: 75 Resp: 97310
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5
110 37.9 32.3 48.5





#64
1,3-Dichlorobenzene
Concen: 20.849 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW030762.D
Acq: 25 Oct 2024 13:18

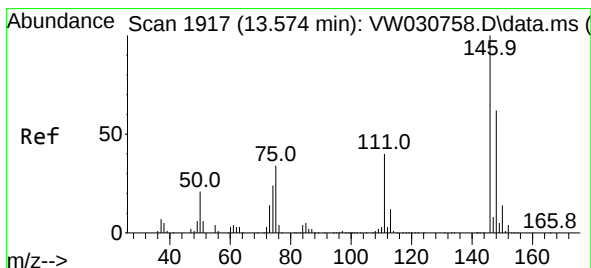
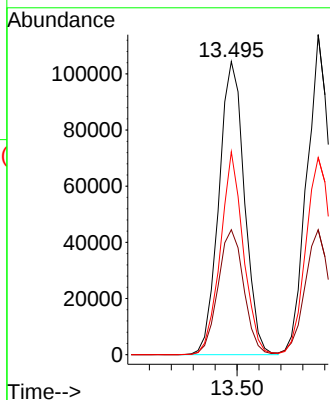
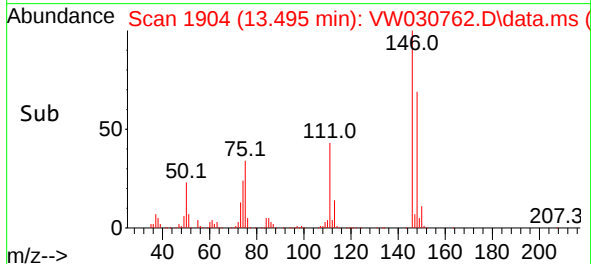
Instrument :
MSVOA_W
ClientSampleId :
A4E60DL



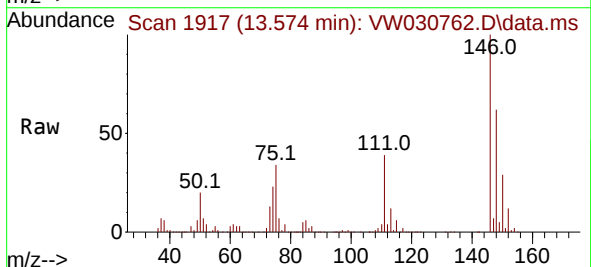
Tgt Ion:146 Resp: 169178
Ion Ratio Lower Upper
146 100
111 42.6 31.2 58.0
148 69.2 45.7 84.9

Manual Integrations
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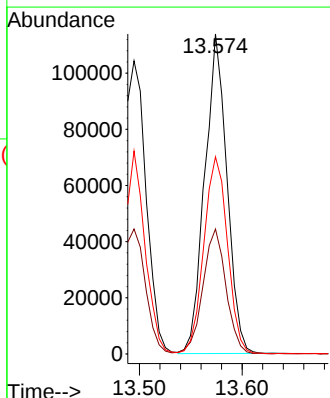
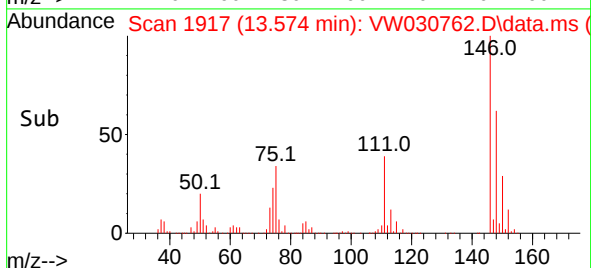
Reviewed By :Semsettin Yesilyurt 10/28/2024
Supervised By :Mahesh Dadoda 10/28/2024

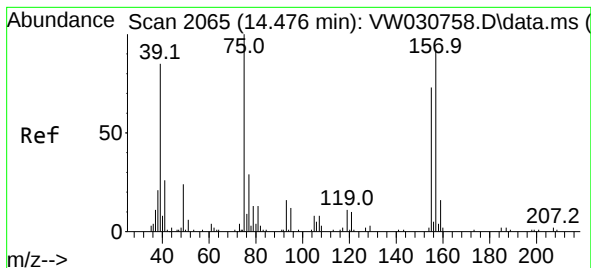


#65
1,4-Dichlorobenzene
Concen: 20.461 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW030762.D
Acq: 25 Oct 2024 13:18



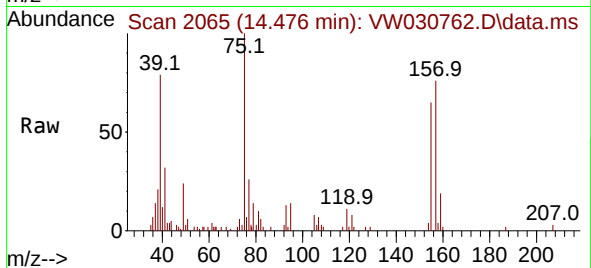
Tgt Ion:146 Resp: 171433
Ion Ratio Lower Upper
146 100
111 39.0 26.8 49.8
148 61.6 41.0 76.2





#68
1,2-Dibromo-3-chloropropane
Concen: 12.001 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW030762.D
Acq: 25 Oct 2024 13:18

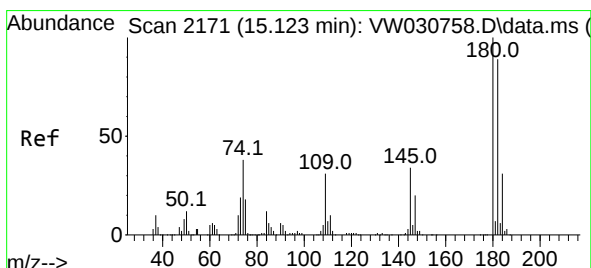
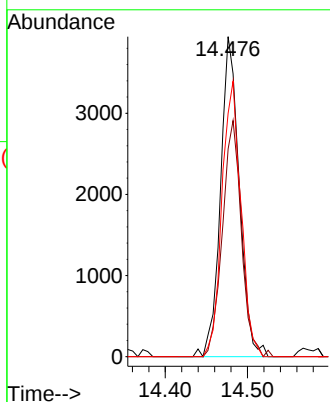
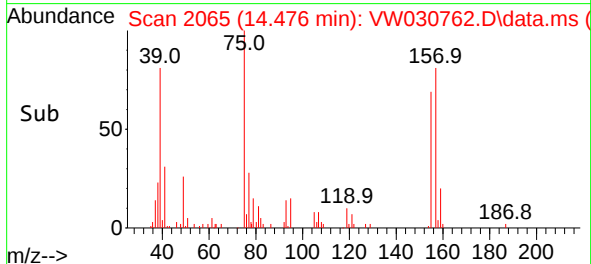
Instrument :
MSVOA_W
ClientSampleId :
A4E60DL



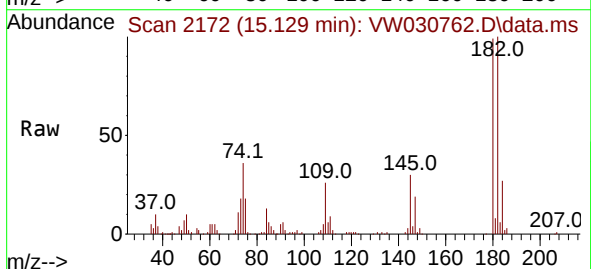
Tgt Ion: 75 Resp: 6268
Ion Ratio Lower Upper
75 100
155 64.9 57.9 86.9
157 76.0 69.0 103.6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2024
Supervised By :Mahesh Dadoda 10/28/2024



#70
1,2,4-trichlorobenzene
Concen: 11.133 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VW030762.D
Acq: 25 Oct 2024 13:18



Tgt Ion:180 Resp: 47959
Ion Ratio Lower Upper
180 100
182 93.7 75.2 112.8
145 31.3 25.4 38.2

