

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
 Data File : VW031524.D
 Acq On : 26 Dec 2024 13:17
 Operator : SY/MD
 Sample : MDL4
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL4

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/27/2024
 Supervised By :Semsettin Yesilyurt 12/27/2024

Quant Time: Dec 27 00:23:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 27 00:21:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	505870	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	440941	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	213229	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	162015	21.286	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.160%		
7) Chloroethane-d5	2.899	69	136743	24.287	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	97.160%		
11) 1,1-Dichloroethene-d2	4.015	65	71445	19.788	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	79.160%		
21) 2-Butanone-d5	7.100	46	76700	53.509	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	107.020%		
24) Chloroform-d	7.648	84	321948	23.228	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	92.920%		
26) 1,2-Dichloroethane-d4	8.307	65	176313	25.329	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	101.320%		
32) Benzene-d6	8.276	84	634294	22.443	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	89.760%		
36) 1,2-Dichloropropane-d6	9.270	67	196518	23.859	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	95.440%		
41) Toluene-d8	10.319	98	578723	22.011	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	88.040%		
43) trans-1,3-Dichloroprop...	10.575	79	74848	19.708	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	78.840%		
47) 2-Hexanone-d5	10.922	63	59117	53.369	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	106.740%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	147301	28.483	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	113.920%		
66) 1,2-Dichlorobenzene-d4	13.849	152	199951	25.259	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	101.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.009	85	3841m	0.840	ug/L	
3) Chloromethane	2.217	50	6114m	1.190	ug/L	
5) Vinyl chloride	2.369	62	9087m	1.277	ug/L	
6) Bromomethane	2.790	94	5207	1.190	ug/L	93
8) Chloroethane	2.930	64	5839m	1.379	ug/L	
9) Trichlorofluoromethane	3.265	101	8415	1.110	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	9229m	1.507	ug/L	
12) 1,1-Dichloroethene	4.039	96	8440	1.361	ug/L #	1
14) Carbon disulfide	4.387	76	16948	0.838	ug/L #	95
15) Methyl Acetate	4.698	43	4220m	1.861	ug/L	
17) trans-1,2-Dichloroethene	5.435	96	6978	1.044	ug/L	91
18) Methyl tert-butyl Ether	5.435	73	11859	1.061	ug/L #	68
19) 1,1-Dichloroethane	6.228	63	12952	1.037	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	8021	1.109	ug/L	93
22) 2-Butanone	7.191	43	7647m	3.162	ug/L	
23) Bromochloromethane	7.514	128	3048	1.057	ug/L	93
25) Chloroform	7.673	83	19673	1.596	ug/L	100
27) 1,2-Dichloroethane	8.404	62	8900	1.148	ug/L	97
29) Cyclohexane	7.953	56	12241	1.024	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	7.868	97	11514	1.010	ug/L	97
31) Carbon tetrachloride	8.069	117	9682	0.954	ug/L	98
33) Benzene	8.325	78	30597	1.123	ug/L	100
34) Trichloroethene	9.093	95	8313	1.081	ug/L	85
35) Methylcyclohexane	9.337	83	13299	0.993	ug/L	99
37) 1,2-Dichloropropane	9.368	63	7352	1.082	ug/L #	95
38) Bromodichloromethane	9.642	83	8292	0.938	ug/L #	98
39) cis-1,3-Dichloropropene	10.075	75	10413	0.907	ug/L	94
40) 4-Methyl-2-pentanone	10.215	43	8604	2.386	ug/L	100
42) Toluene	10.386	91	30481	1.027	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	11974	1.277	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	5107	1.129	ug/L	91
46) Tetrachloroethene	10.867	164	6337	1.125	ug/L #	69
48) 2-Hexanone	10.971	43	4229	1.379	ug/L #	80
49) Dibromochloromethane	11.123	129	5162	0.963	ug/L	97
50) 1,2-Dibromoethane	11.239	107	4622	1.079	ug/L #	98
51) Chlorobenzene	11.654	112	19959	1.073	ug/L	95
52) Ethylbenzene	11.727	91	36452	1.060	ug/L	95
53) m,p-Xylene	11.837	106	13764	1.052	ug/L	95
54) o-Xylene	12.160	106	12507	1.014	ug/L	97
55) Styrene	12.178	104	19543	0.952	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.709	83	6552	1.344	ug/L #	75
59) Bromoform	12.349	173	2642	0.882	ug/L #	95
60) Isopropylbenzene	12.459	105	34149	0.979	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	4224	1.158	ug/L	92
62) 1,3,5-Trimethylbenzene	12.940	105	28581	0.966	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	26614	0.931	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	14942	1.057	ug/L	86
65) 1,4-Dichlorobenzene	13.574	146	15630	1.116	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	13817	1.134	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	1014	1.095	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.623	180	10820	1.093	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	9217	1.119	ug/L	95
71) Naphthalene	15.360	128	14549	1.008	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	7725	1.164	ug/L	96

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

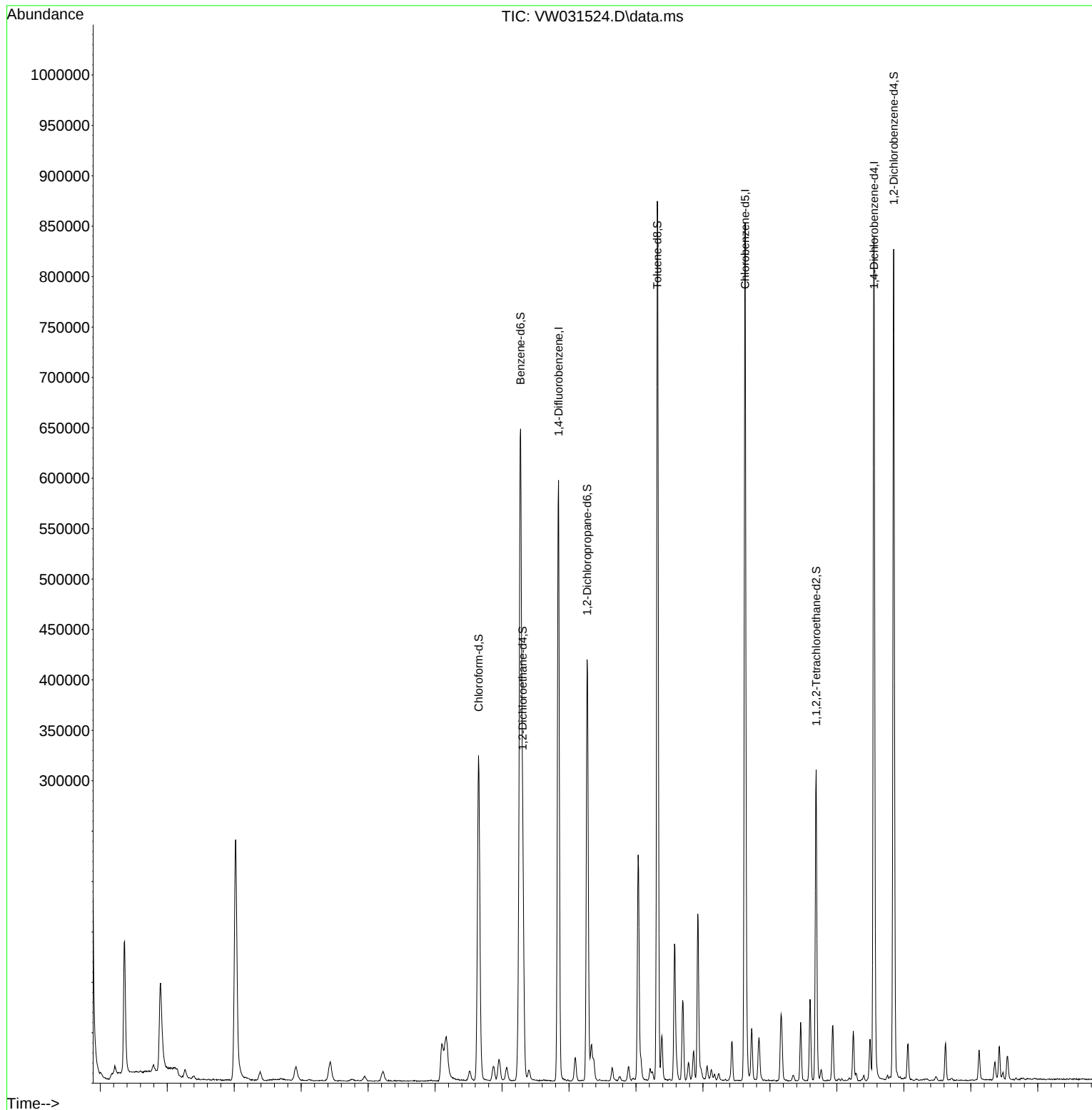
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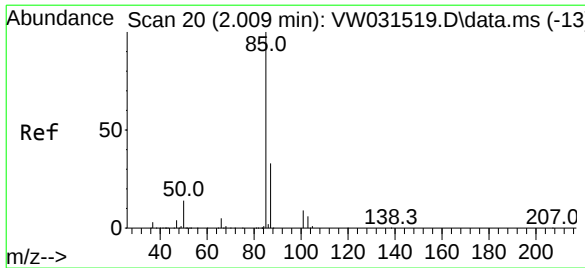
Instrument :
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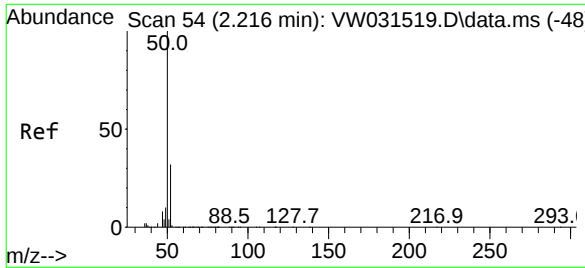
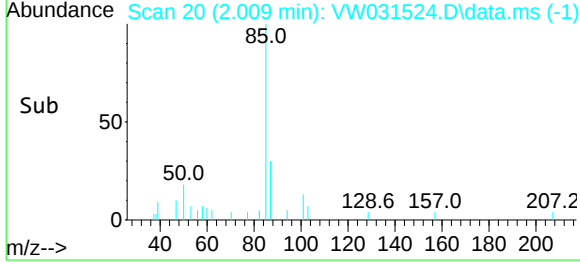
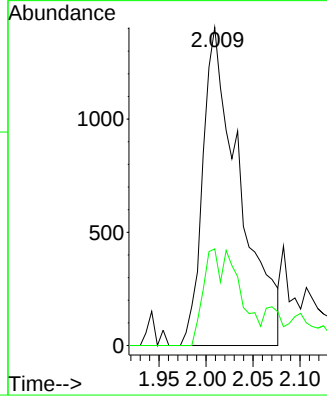
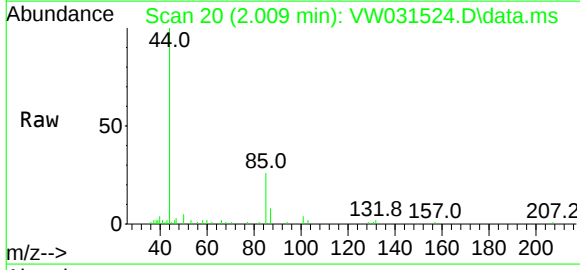
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Dichlorodifluoromethane
Concen: 0.840 ug/L m
RT: 2.009 min Scan# 20
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

Instrument :
MSVOA_W
ClientSampleId :
MDL4

Tgt Ion: 85 Resp: 3841
Ion Ratio Lower Upper
85 100
87 14.1 24.9 37.3#

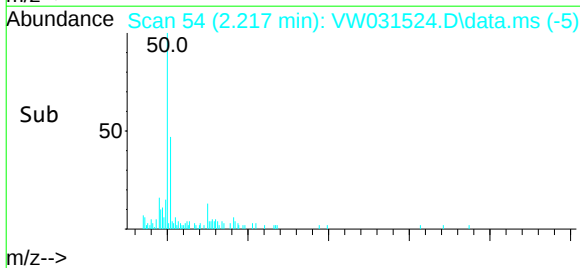
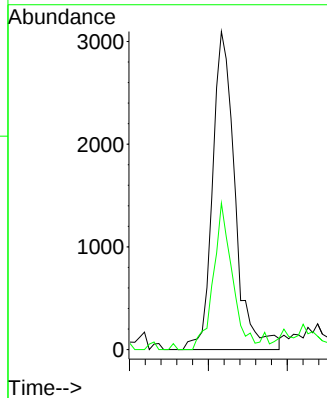
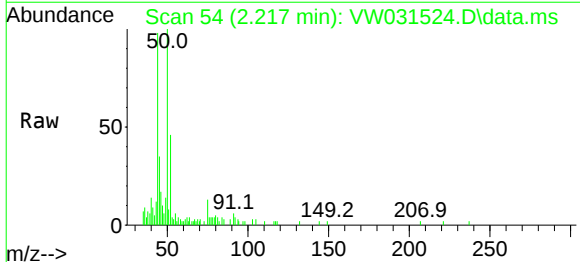
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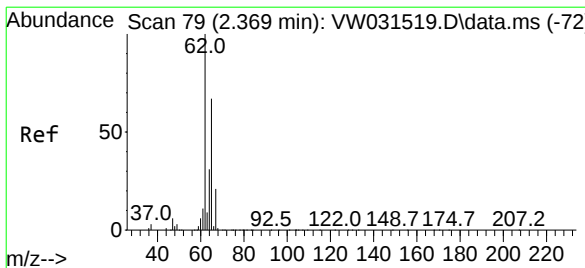
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#3
Chloromethane
Concen: 1.190 ug/L m
RT: 2.217 min Scan# 54
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

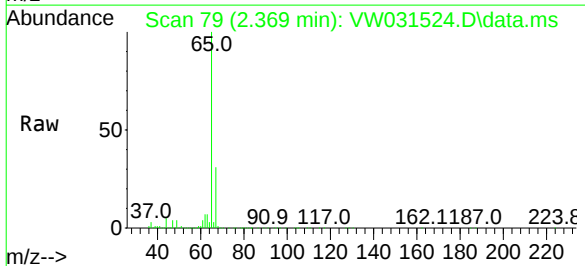
Tgt Ion: 50 Resp: 6114
Ion Ratio Lower Upper
50 100
52 46.0 22.0 41.0#





#5
 Vinyl chloride
 Concen: 1.277 ug/L m
 RT: 2.369 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: VW031524.D
 Acq: 26 Dec 2024 13:17

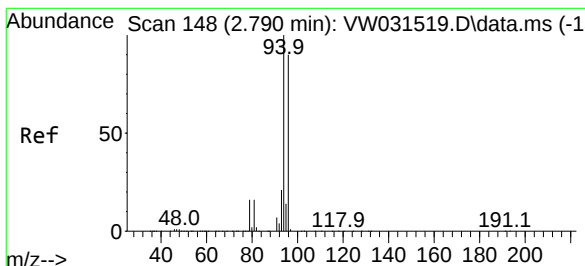
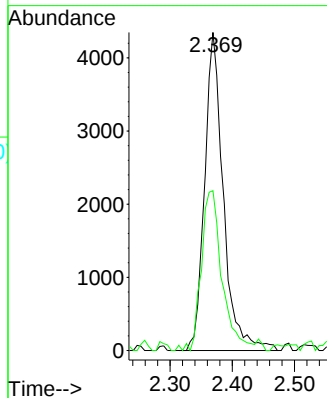
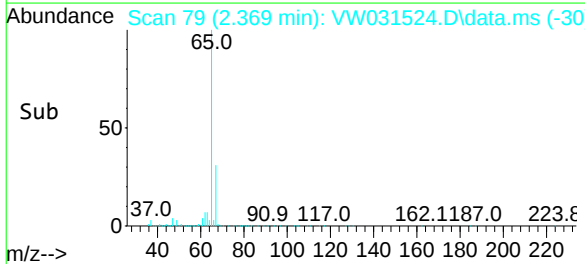
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL4



Tgt Ion: 62 Resp: 9087
 Ion Ratio Lower Upper
 62 100
 64 50.2 24.1 44.8#

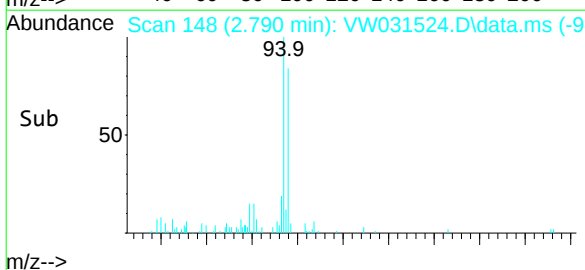
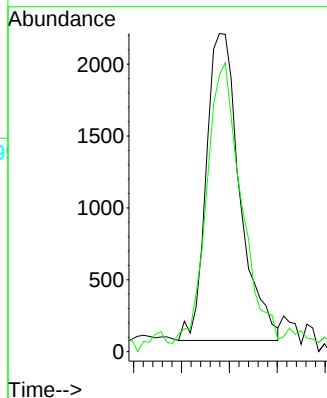
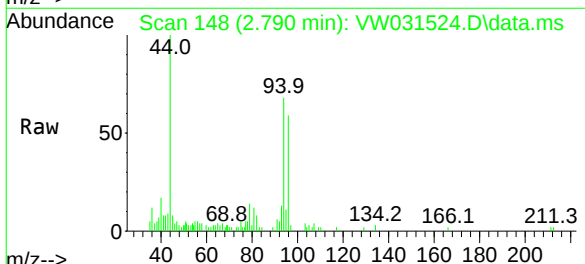
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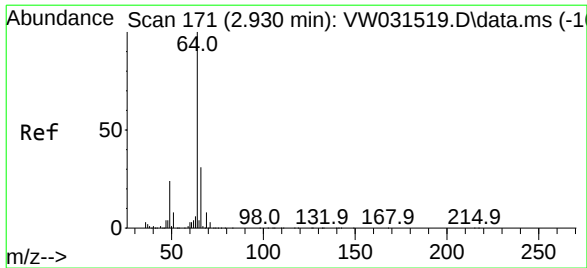
Reviewed By :Mahesh Dadoda 12/27/2024
 Supervised By :Semsettin Yesilyurt 12/27/2024



#6
 Bromomethane
 Concen: 1.190 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW031524.D
 Acq: 26 Dec 2024 13:17

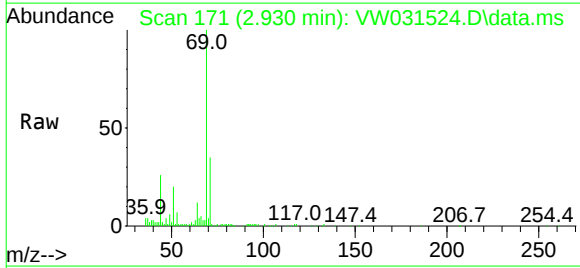
Tgt Ion: 94 Resp: 5207
 Ion Ratio Lower Upper
 94 100
 96 87.0 65.6 121.8





#8
Chloroethane
Concen: 1.379 ug/L m
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

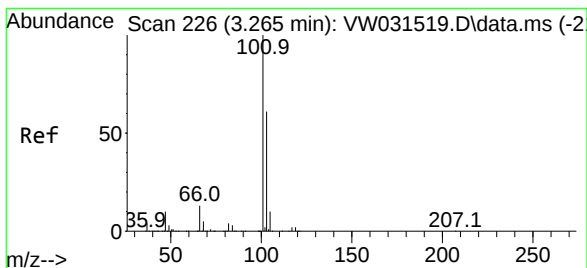
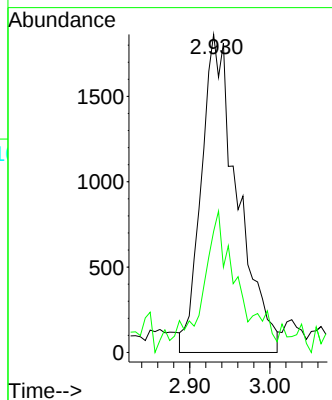
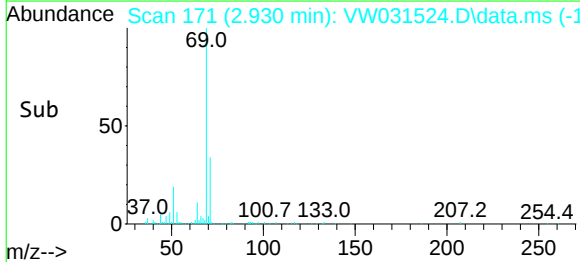
Instrument :
MSVOA_W
ClientSampleId :
MDL4



Tgt Ion: 64 Resp: 5839
Ion Ratio Lower Upper
64 100
66 38.1 22.7 42.3

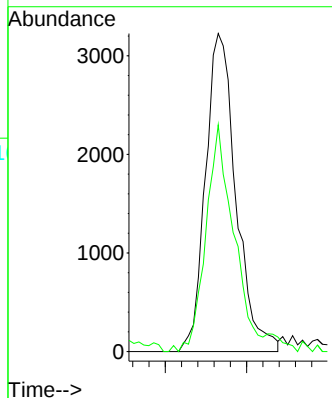
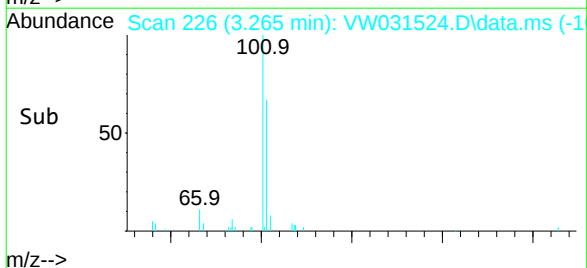
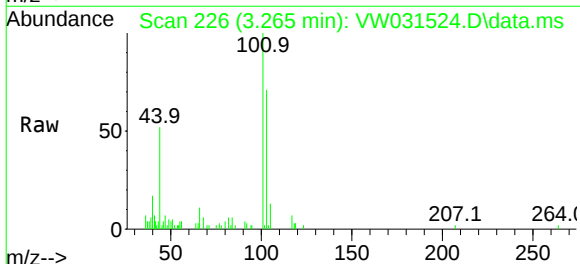
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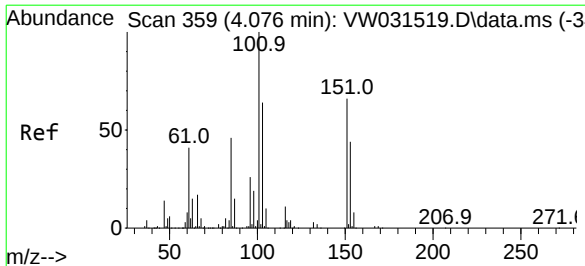
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#9
Trichlorofluoromethane
Concen: 1.110 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

Tgt Ion:101 Resp: 8415
Ion Ratio Lower Upper
101 100
103 64.4 51.6 77.4





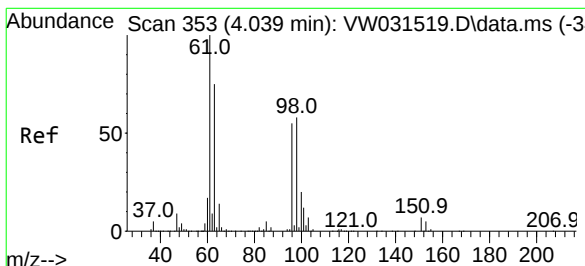
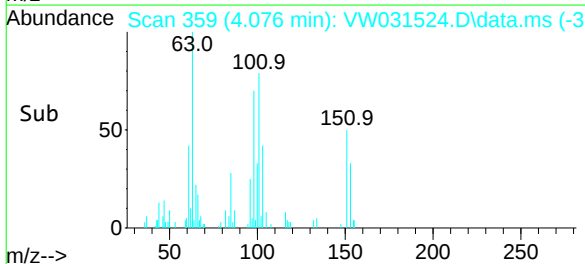
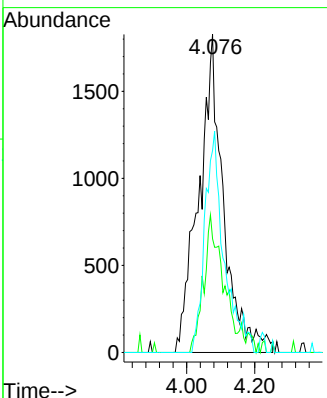
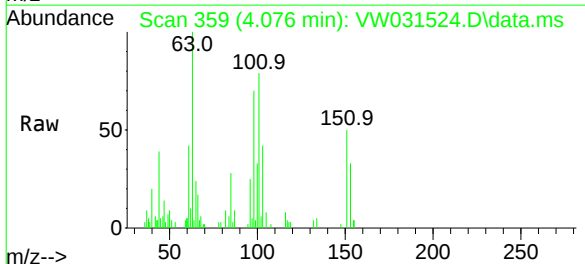
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.507 ug/L m
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW031524.D
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Tgt Ion:	101	Resp:	9229
Ion	Ratio	Lower	Upper
101	100		
85	6.0	33.0	49.4#
151	51.4	54.8	82.2#

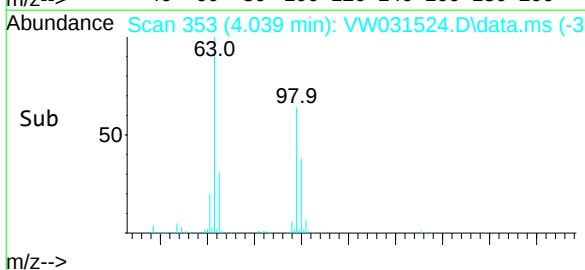
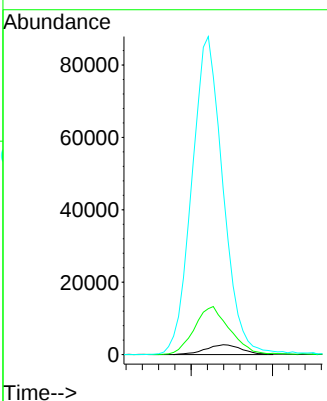
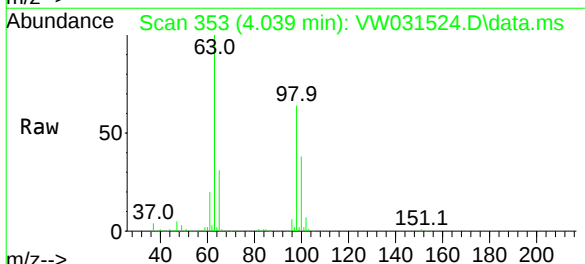
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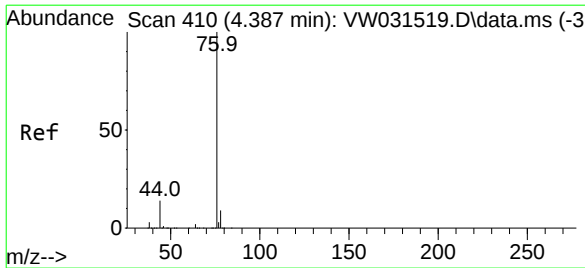
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#12
1,1-Dichloroethene
Concen: 1.361 ug/L
RT: 4.039 min Scan# 353
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

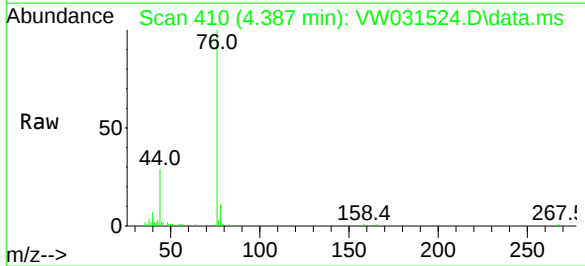
Tgt Ion:	96	Resp:	8440
Ion	Ratio	Lower	Upper
96	100		
61	343.9	125.3	232.7#
63	1680.7	104.6	194.2#





#14
Carbon disulfide
Concen: 0.838 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW031524.D
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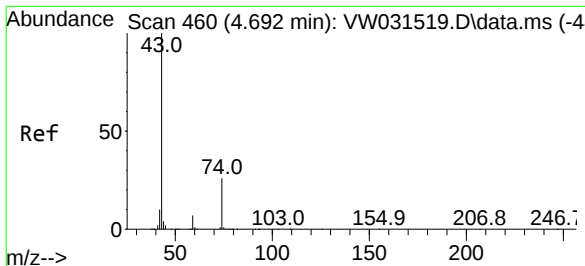
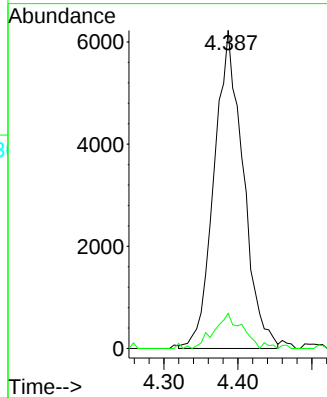
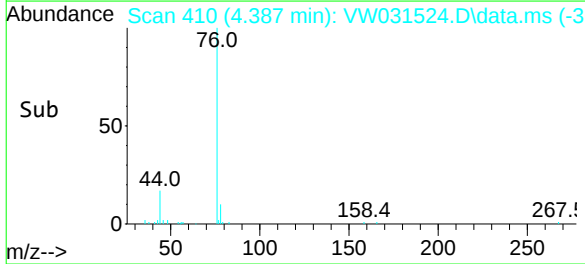
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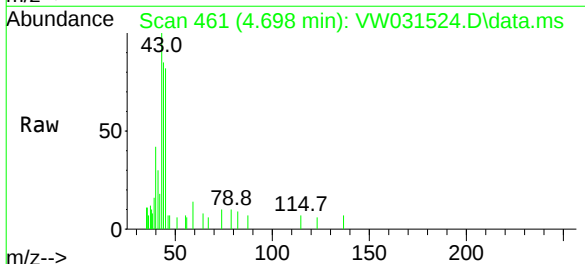
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Ion Ratio Lower Upper
76 100
78 11.0 7.3 10.9#

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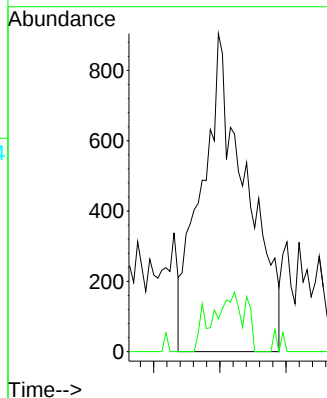
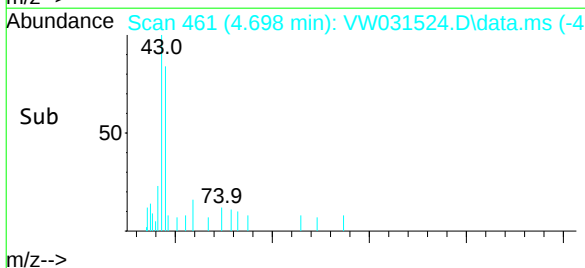
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024

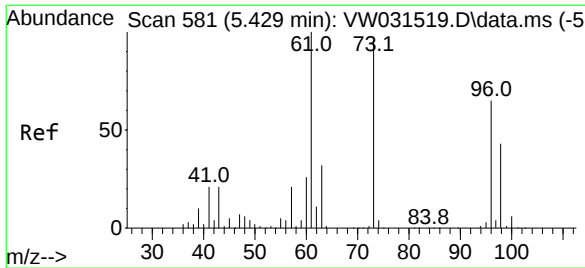


#15
Methyl Acetate
Concen: 1.861 ug/L m
RT: 4.698 min Scan# 461
Delta R.T. 0.006 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17



Tgt Ion: 43 Resp: 4220
Ion Ratio Lower Upper
43 100
74 2.4 18.9 28.3#





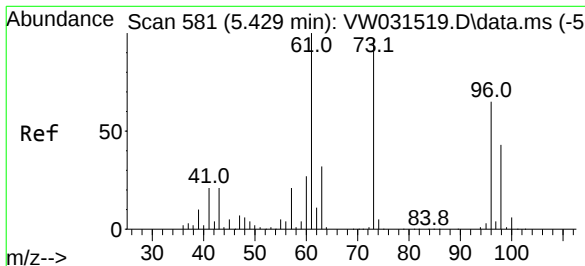
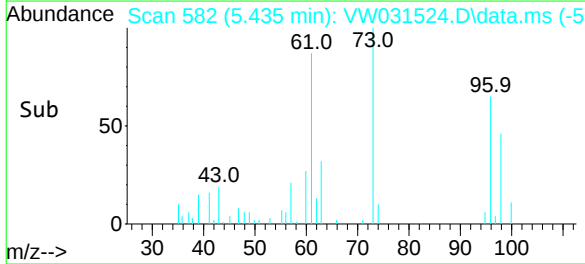
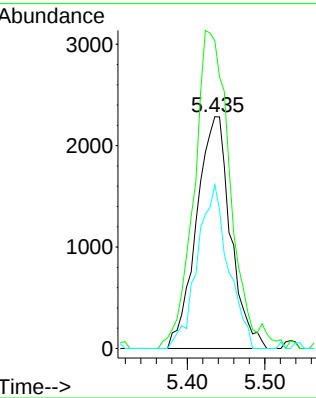
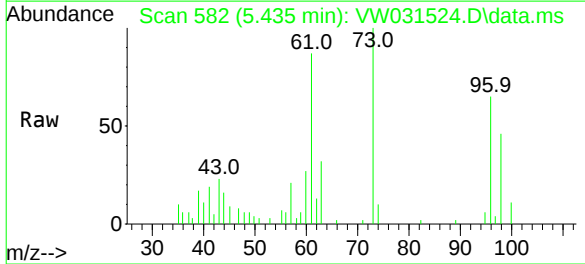
#17
trans-1,2-Dichloroethene
Concen: 1.044 ug/L
RT: 5.435 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

Instrument :
MSVOA_W
ClientSampleId :
MDL4

Tgt	Ion	96	Resp:	6978
Ion	Ratio	Lower	Upper	
96	100			
61	132.8	100.7	187.1	
98	70.6	43.8	81.3	

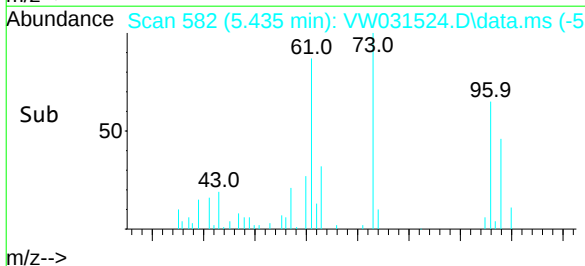
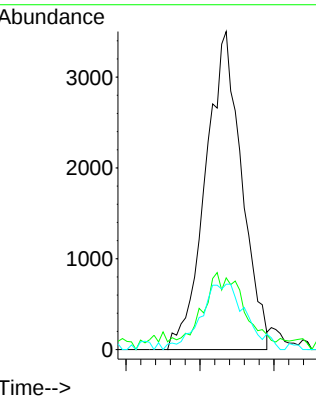
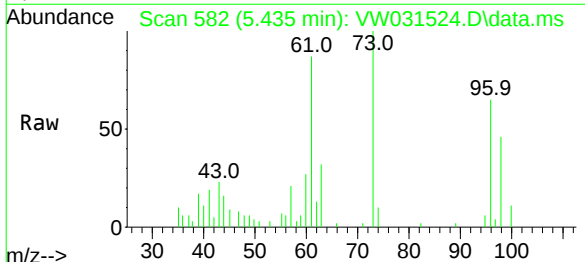
Manual Integrations
APPROVED

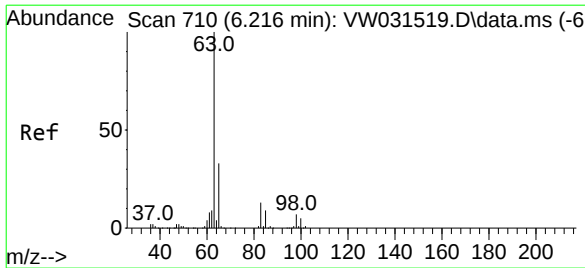
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#18
Methyl tert-butyl Ether
Concen: 1.061 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.006 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

Tgt	Ion	73	Resp:	11859
Ion	Ratio	Lower	Upper	
73	100			
43	3.7	17.9	26.9#	
57	10.6	17.9	26.9#	





#19

1,1-Dichloroethane

Concen: 1.037 ug/L

RT: 6.228 min Scan# 710

Delta R.T. 0.012 min

Lab File: VW031524.D

Acq: 26 Dec 2024 13:17

Instrument :

MSVOA_W

ClientSampleId :

MDL4

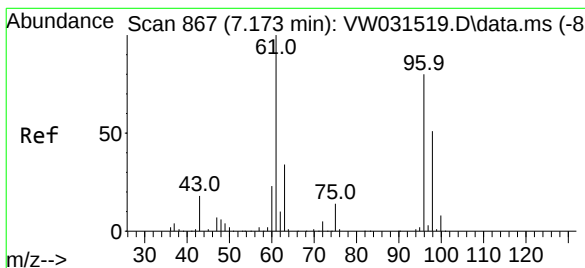
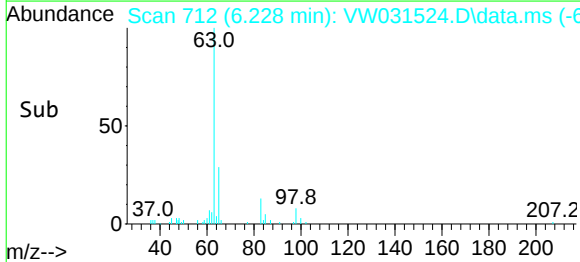
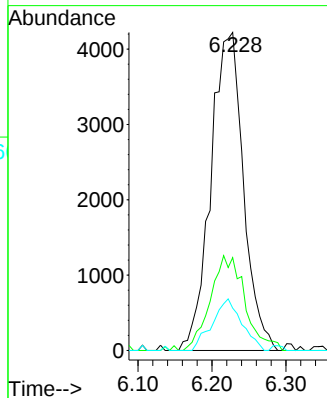
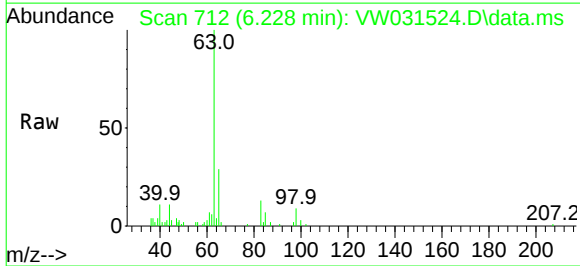
Tgt Ion:	63	Resp:	12952
Ion	Ratio	Lower	Upper
63	100		
65	29.2	21.9	40.7
83	13.3	9.3	17.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/27/2024

Supervised By :Semsettin Yesilyurt 12/27/2024



#20

cis-1,2-Dichloroethene

Concen: 1.109 ug/L

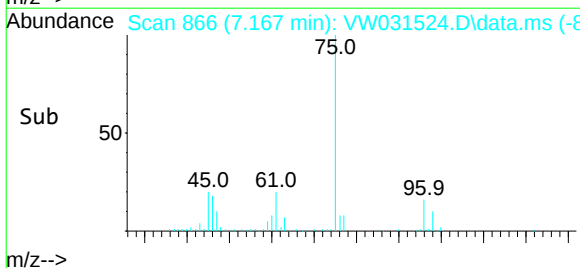
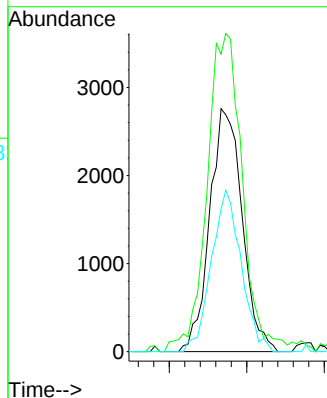
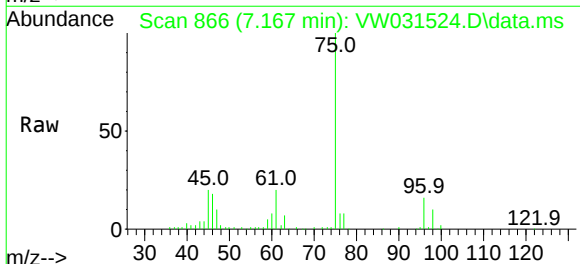
RT: 7.167 min Scan# 866

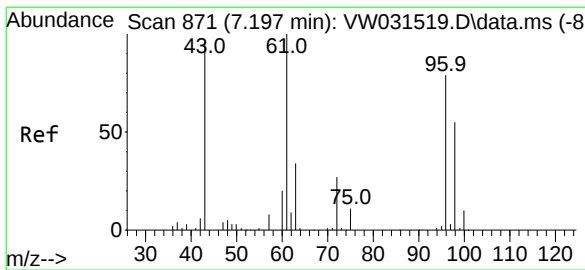
Delta R.T. -0.006 min

Lab File: VW031524.D

Acq: 26 Dec 2024 13:17

Tgt Ion:	96	Resp:	8021
Ion	Ratio	Lower	Upper
96	100		
61	122.5	92.2	171.2
98	58.8	43.7	81.1





#22

2-Butanone

Concen: 3.162 ug/L m

RT: 7.191 min Scan# 871

Delta R.T. -0.006 min

Lab File: VW031524.D

Acq: 26 Dec 2024 13:17

Instrument :

MSVOA_W

ClientSampleId :

MDL4

Tgt Ion: 43 Resp: 7647

Ion Ratio Lower Upper

43 100

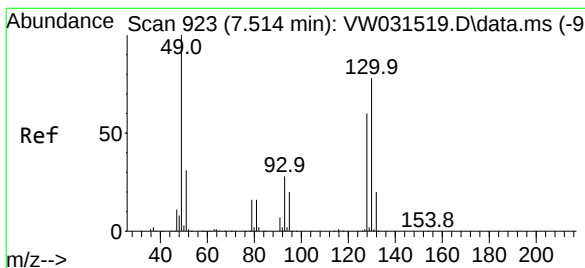
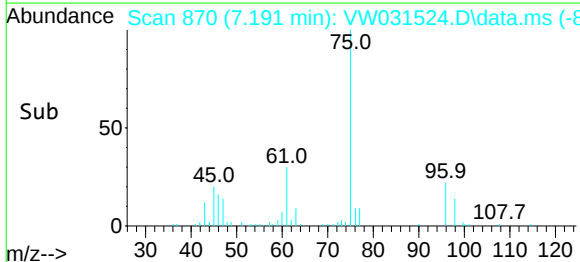
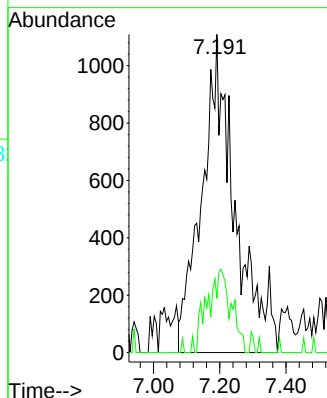
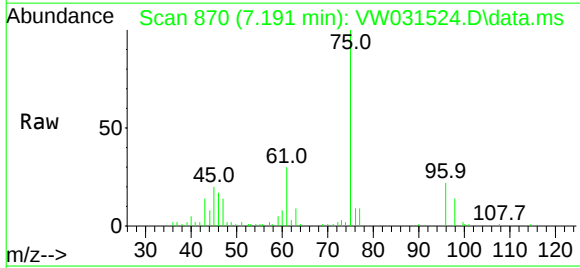
72 1.9 13.3 39.8#

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/27/2024

Supervised By :Semsettin Yesilyurt 12/27/2024



#23

Bromochloromethane

Concen: 1.057 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW031524.D

Acq: 26 Dec 2024 13:17

Tgt Ion:128 Resp: 3048

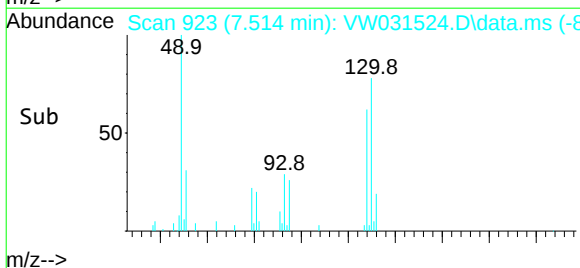
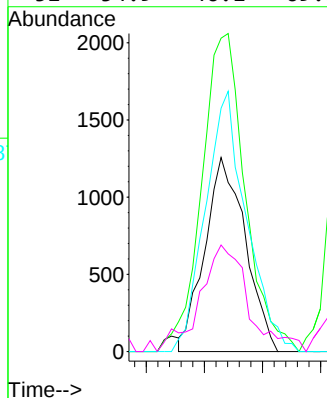
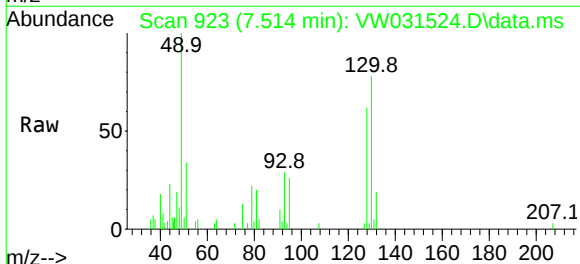
Ion Ratio Lower Upper

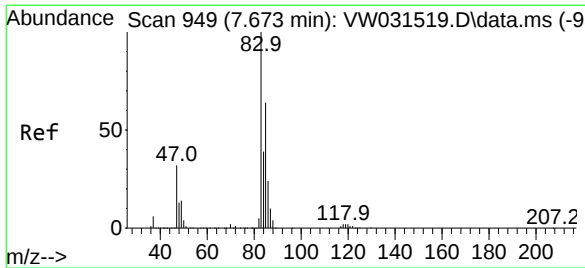
128 100

49 161.5 123.7 229.7

130 125.4 90.3 167.7

51 54.9 46.1 69.1





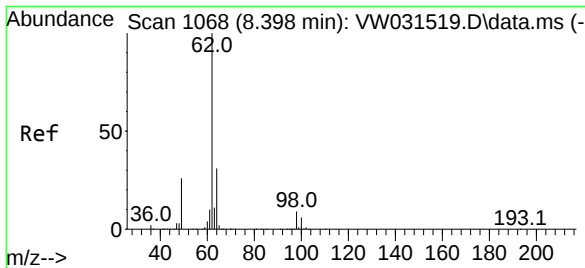
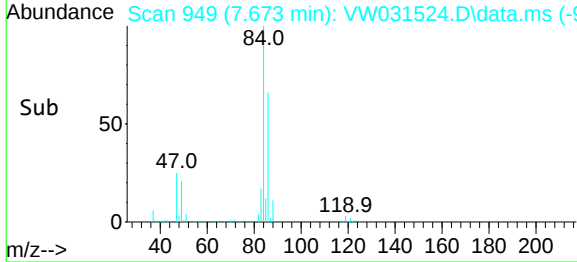
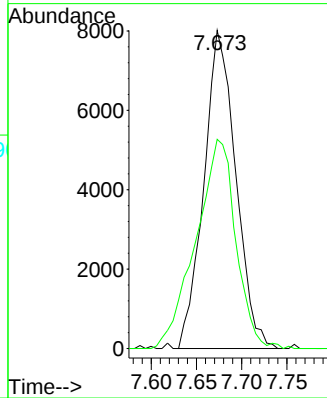
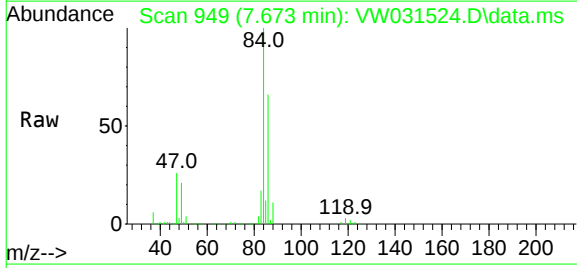
#25
Chloroform
Concen: 1.596 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

Instrument :
MSVOA_W
ClientSampleId :
MDL4

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	46.1	85.5

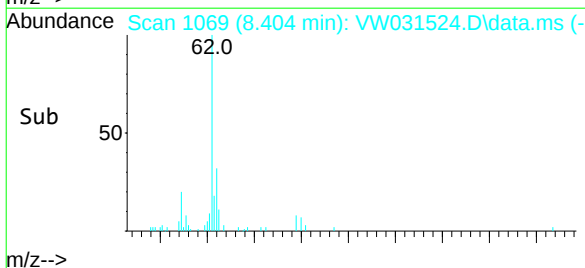
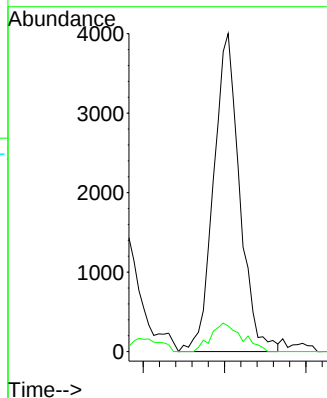
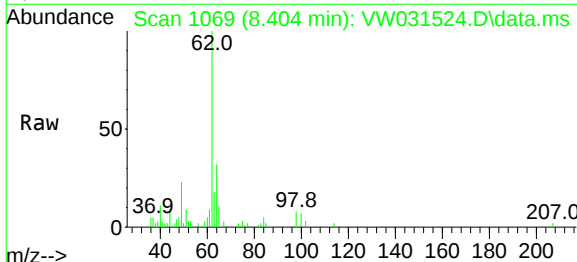
Manual Integrations
APPROVED

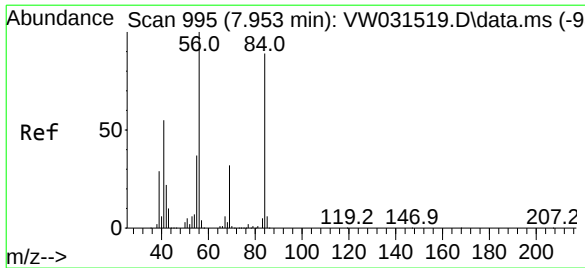
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#27
1,2-Dichloroethane
Concen: 1.148 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.0	7.2	10.8





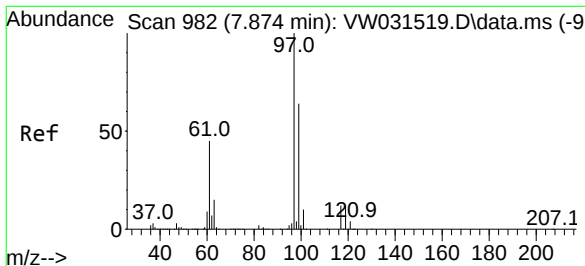
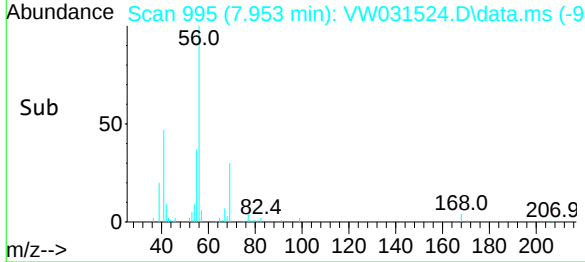
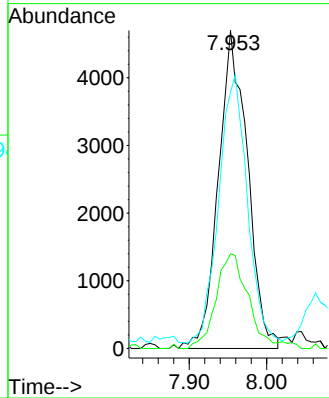
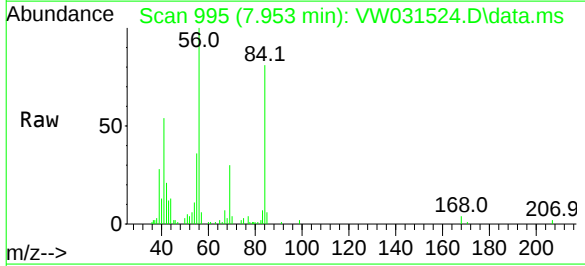
#29
Cyclohexane
Concen: 1.024 ug/L
RT: 7.953 min Scan# 995
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

Instrument :
MSVOA_W
ClientSampleId :
MDL4

Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.3	25.0	37.4
84	84.2	68.9	103.3

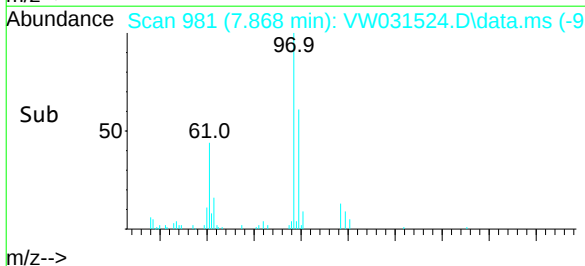
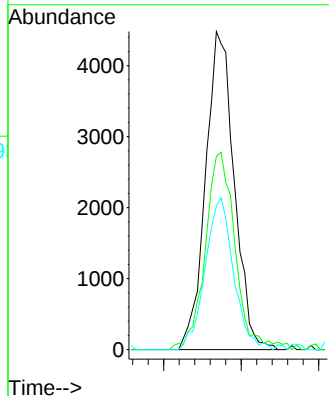
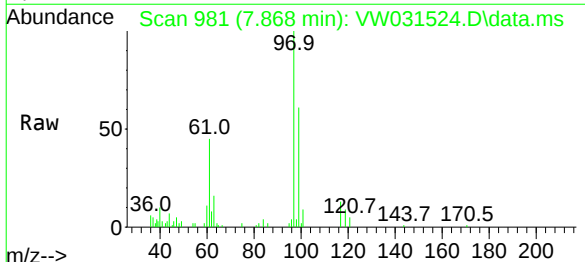
Manual Integrations
APPROVED

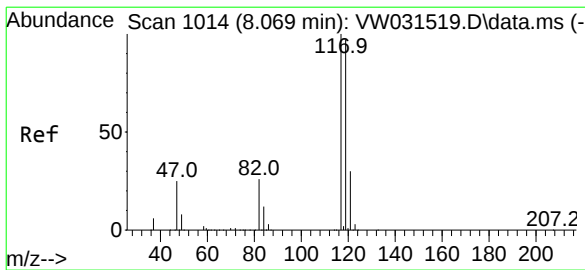
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#30
1,1,1-Trichloroethane
Concen: 1.010 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

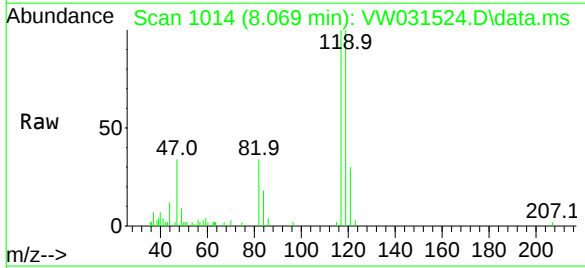
Tgt Ion	Ratio	Lower	Upper
97	100		
99	60.9	51.1	76.7
61	46.8	36.3	54.5





#31
Carbon tetrachloride
Concen: 0.954 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

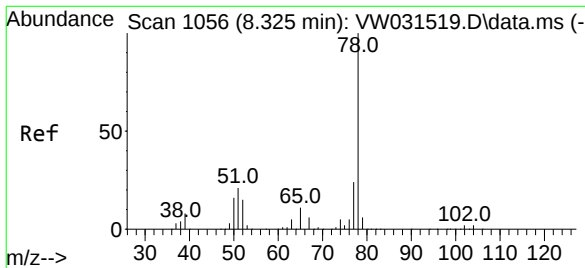
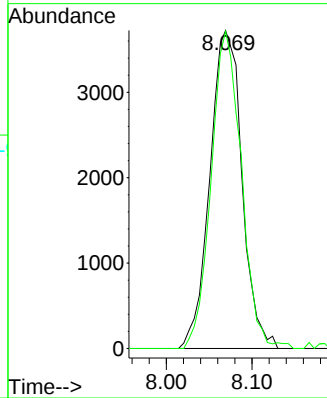
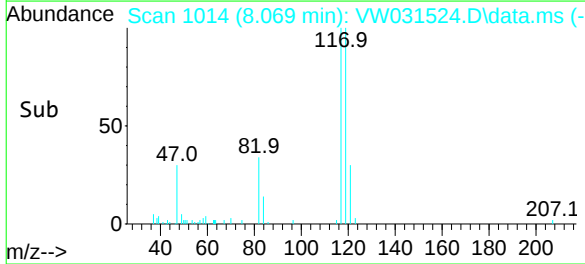
Instrument :
MSVOA_W
ClientSampleId :
MDL4



Tgt Ion: 117 Resp: 9682
Ion Ratio Lower Upper
117 100
119 93.2 76.0 114.0

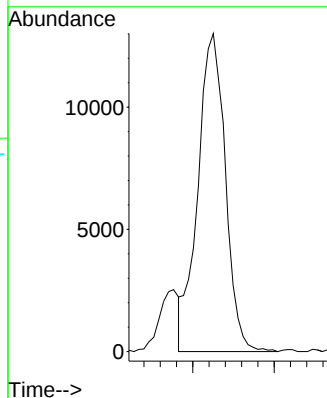
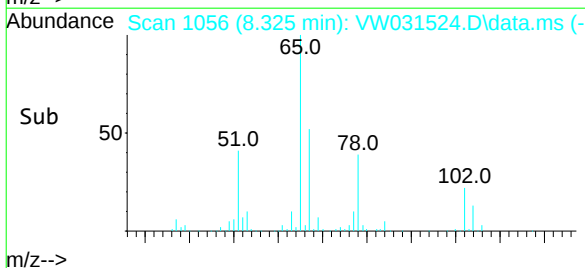
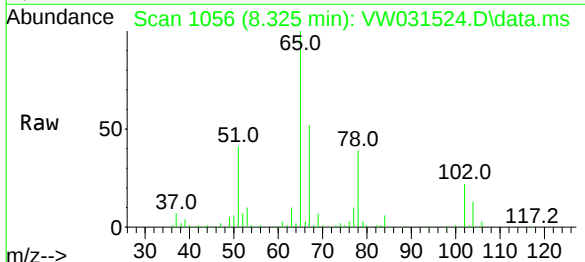
Manual Integrations
APPROVED

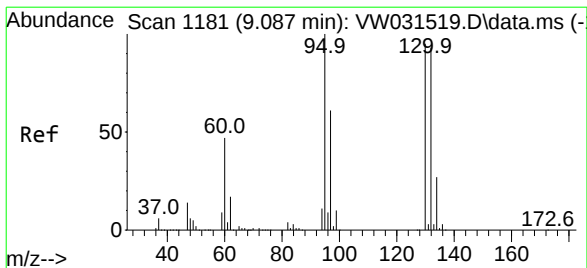
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#33
Benzene
Concen: 1.123 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

Tgt Ion: 78 Resp: 30597





#34

Trichloroethene

Concen: 1.081 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW031524.D

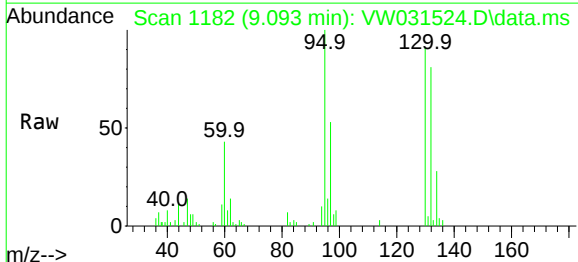
Acq: 26 Dec 2024 13:17

Instrument :

MSVOA_W

ClientSampleId :

MDL4



Tgt Ion: 95 Resp: 8313

Ion Ratio Lower Upper

95 100

97 53.4 46.5 86.3

132 84.2 70.3 130.5

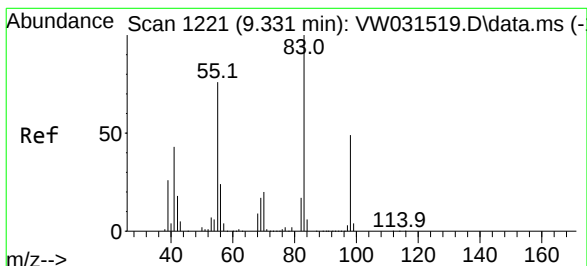
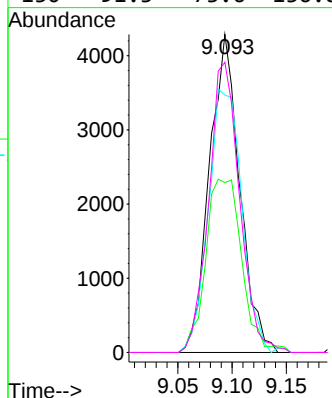
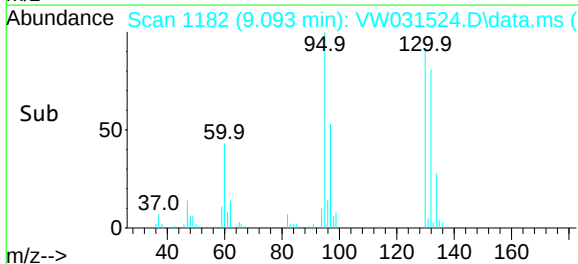
130 91.3 73.6 136.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/27/2024

Supervised By :Semsettin Yesilyurt 12/27/2024



#35

Methylcyclohexane

Concen: 0.993 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW031524.D

Acq: 26 Dec 2024 13:17

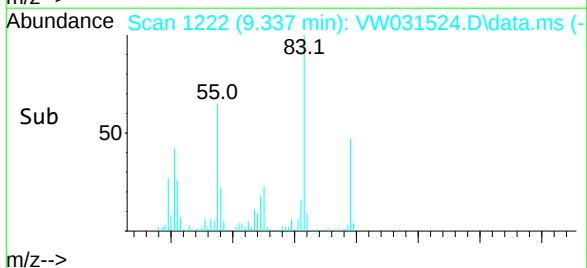
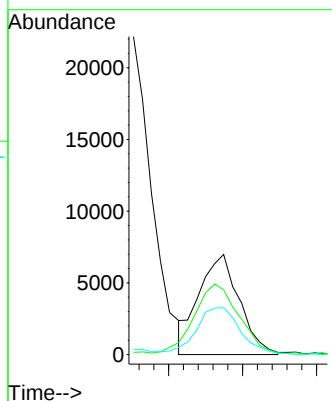
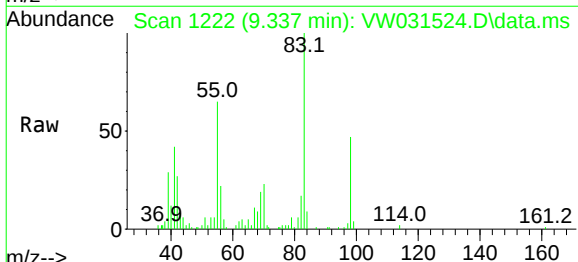
Tgt Ion: 83 Resp: 13299

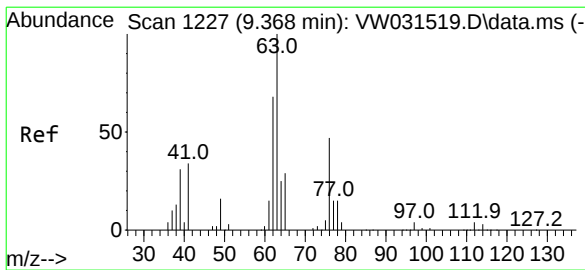
Ion Ratio Lower Upper

83 100

55 78.6 62.6 93.8

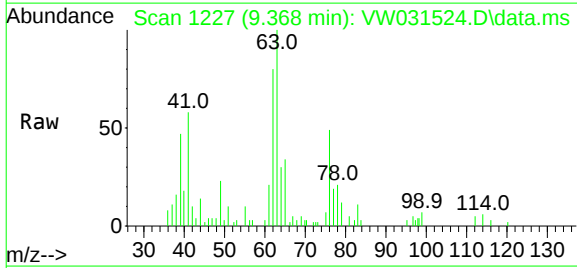
98 51.1 39.8 59.6





#37
1,2-Dichloropropane
Concen: 1.082 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

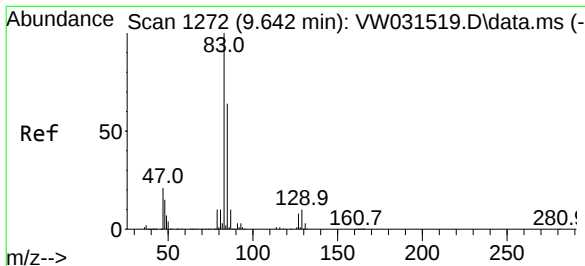
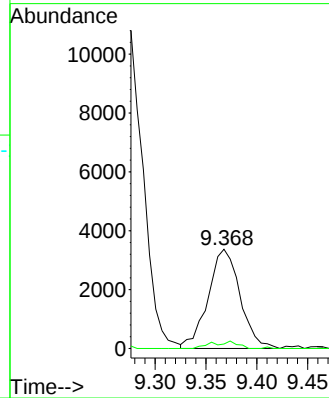
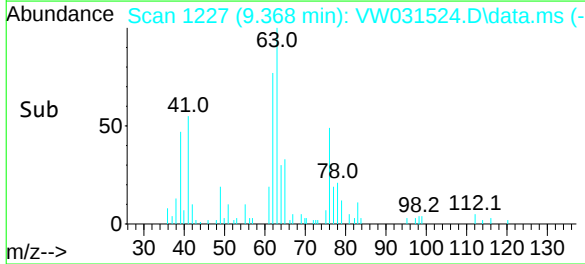
Instrument :
MSVOA_W
ClientSampleId :
MDL4



Tgt Ion: 63 Resp: 7352
Ion Ratio Lower Upper
63 100
112 3.3 3.8 5.8#

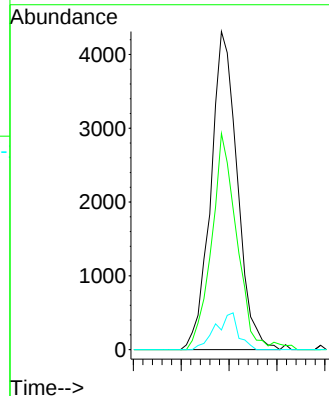
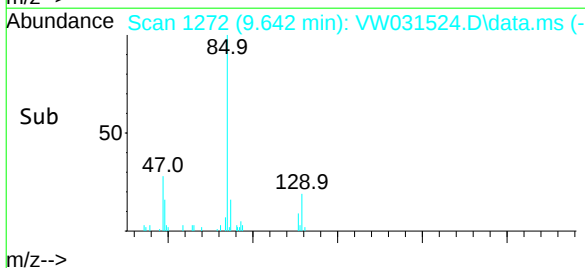
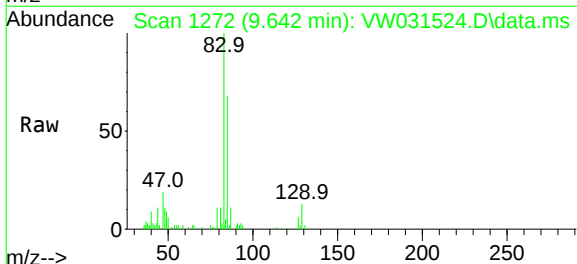
Manual Integrations
APPROVED

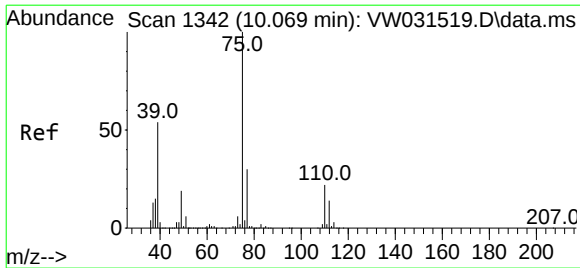
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#38
Bromodichloromethane
Concen: 0.938 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

Tgt Ion: 83 Resp: 8292
Ion Ratio Lower Upper
83 100
85 67.9 46.5 86.5
127 6.2 6.2 9.4#





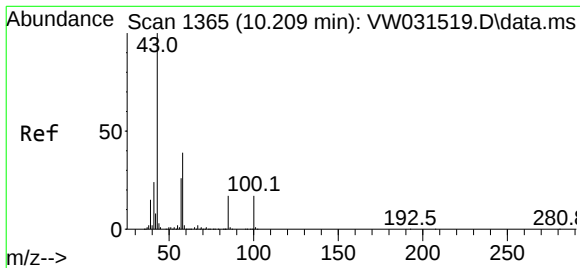
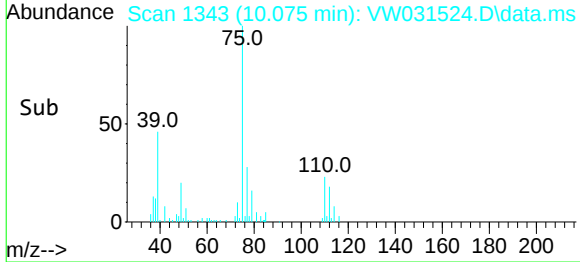
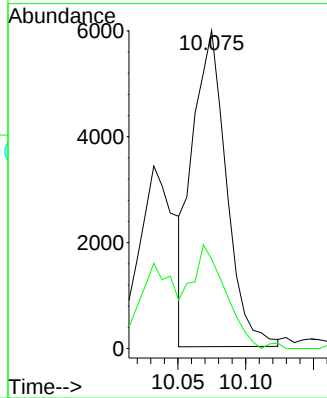
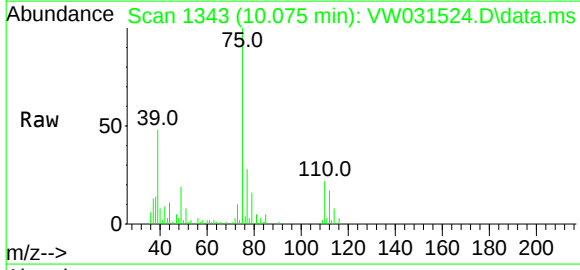
#39
cis-1,3-Dichloropropene
Concen: 0.907 ug/L
RT: 10.075 min Scan# 1342
Delta R.T. 0.006 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

Instrument :
MSVOA_W
ClientSampleId :
MDL4

Tgt Ion: 75 Resp: 10413
Ion Ratio Lower Upper
75 100
77 28.0 21.8 40.4

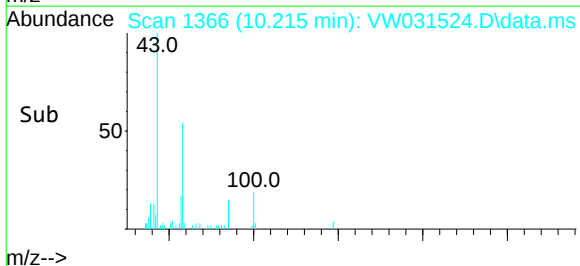
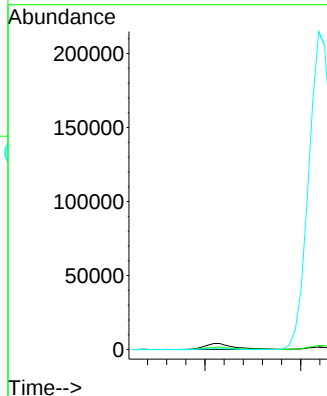
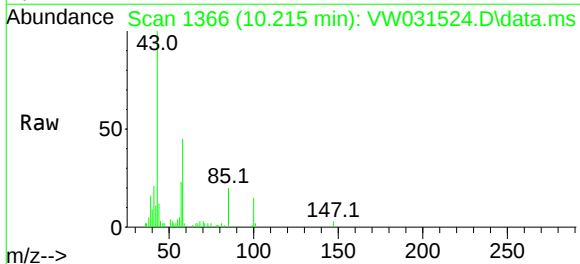
Manual Integrations
APPROVED

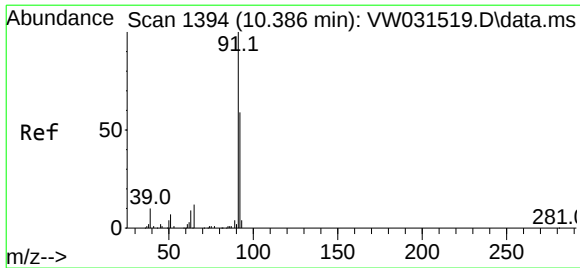
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#40
4-Methyl-2-pentanone
Concen: 2.386 ug/L
RT: 10.215 min Scan# 1366
Delta R.T. 0.006 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

Tgt Ion: 43 Resp: 8604
Ion Ratio Lower Upper
43 100
58 38.8 31.1 46.7
100 15.9 13.0 19.6





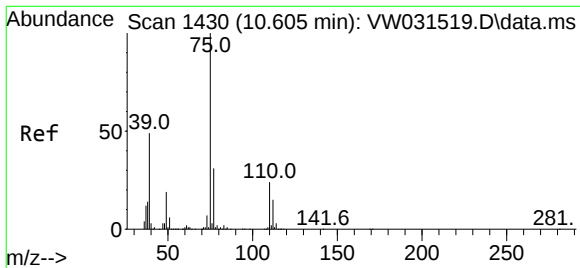
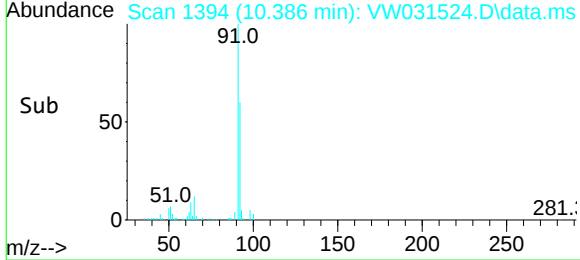
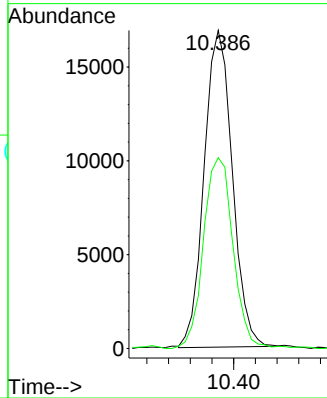
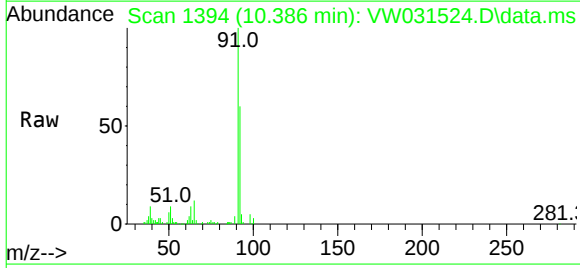
#42
Toluene
Concen: 1.027 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

Instrument : MSVOA_W
ClientSampleId : MDL4

Tgt Ion	Ratio	Lower	Upper
91	100		
92	60.0	40.3	74.9

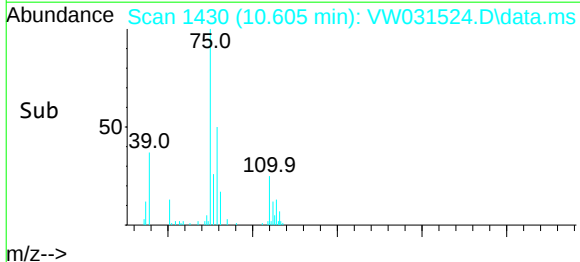
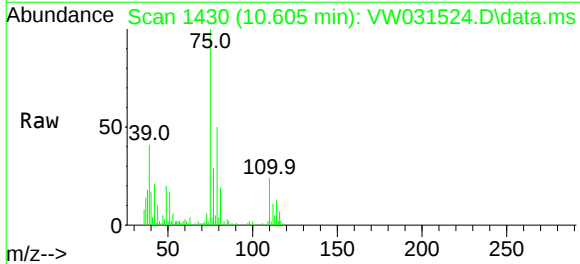
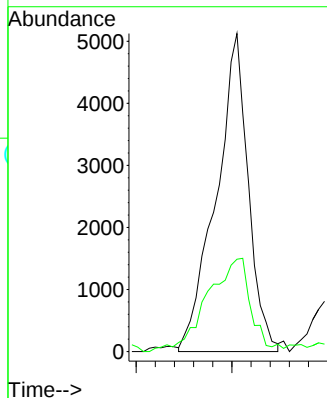
Manual Integrations
APPROVED

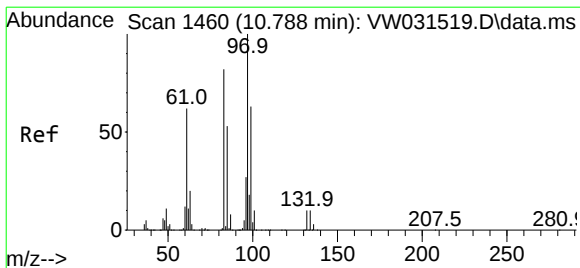
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#44
trans-1,3-Dichloropropene
Concen: 1.277 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.0	21.2	39.4





#45

1,1,2-Trichloroethane

Concen: 1.129 ug/L

RT: 10.782 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VW031524.D

Acq: 26 Dec 2024 13:17

Instrument :

MSVOA_W

ClientSampleId :

MDL4

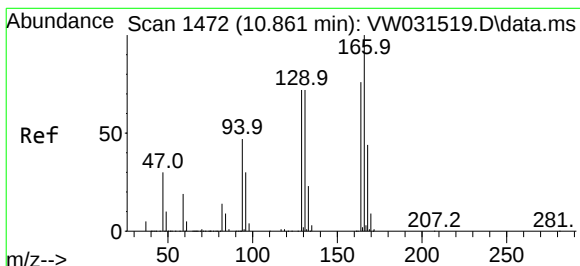
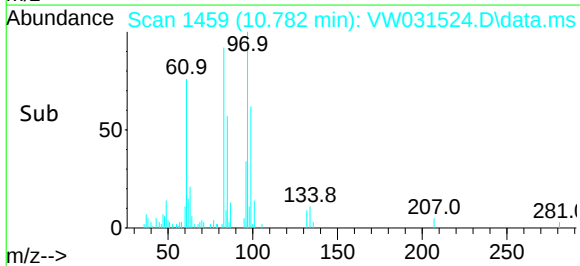
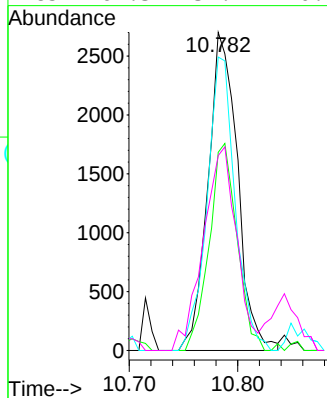
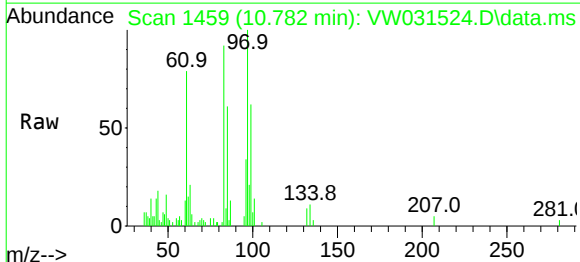
Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.0	80.0
83	92.3	56.4	104.7
85	61.3	37.9	70.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/27/2024

Supervised By :Semsettin Yesilyurt 12/27/2024



#46

Tetrachloroethene

Concen: 1.125 ug/L

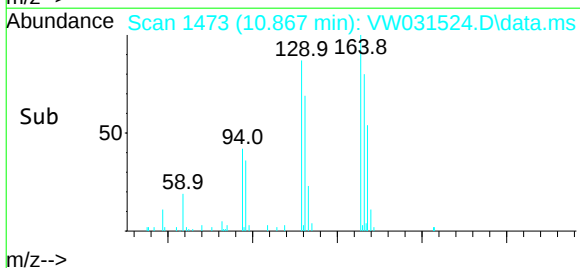
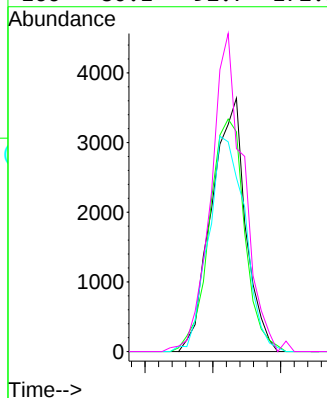
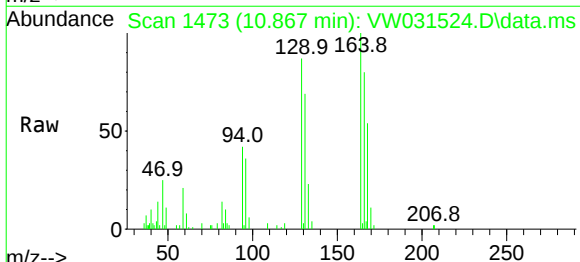
RT: 10.867 min Scan# 1473

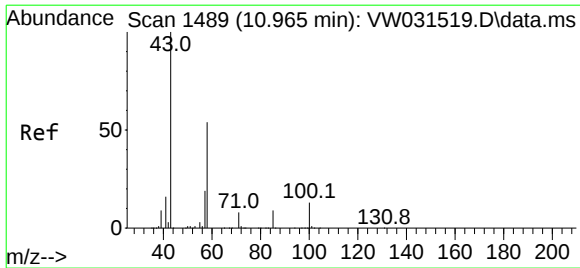
Delta R.T. 0.006 min

Lab File: VW031524.D

Acq: 26 Dec 2024 13:17

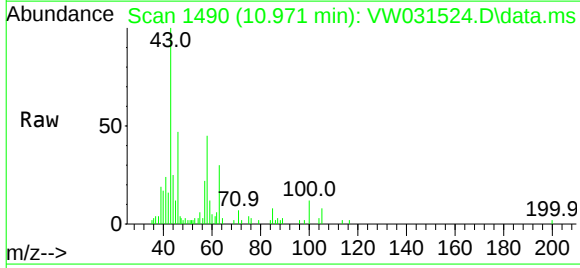
Tgt Ion	Ratio	Lower	Upper
164	100		
129	86.7	73.5	136.5
131	68.6	66.6	123.8
166	80.1	92.7	172.3





#48
2-Hexanone
Concen: 1.379 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

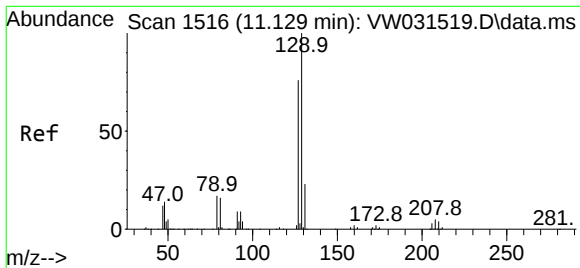
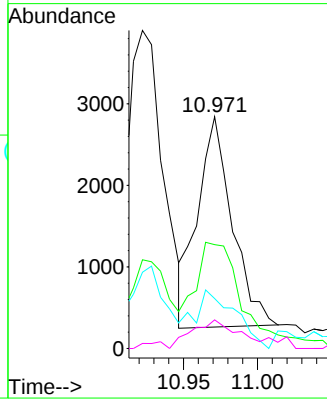
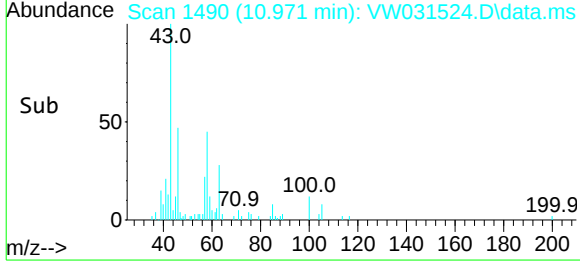
Instrument : MSVOA_W
ClientSampleId : MDL4



Tgt Ion: 43 Resp: 4229
Ion Ratio Lower Upper
43 100
58 70.5 43.0 64.6#
57 26.2 15.7 23.5#
100 17.9 10.3 15.5#

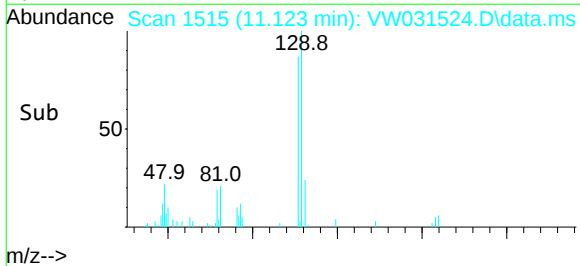
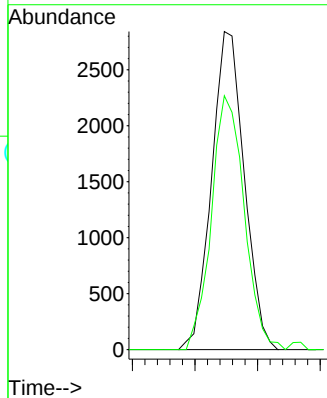
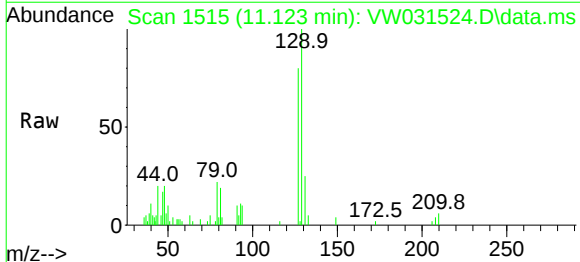
Manual Integrations
APPROVED

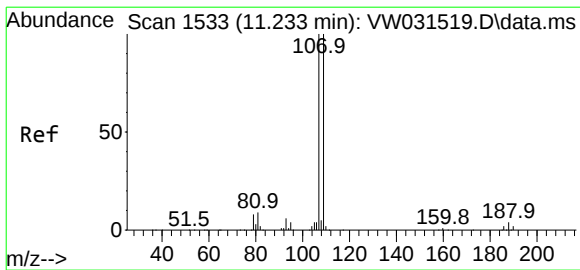
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#49
Dibromochloromethane
Concen: 0.963 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

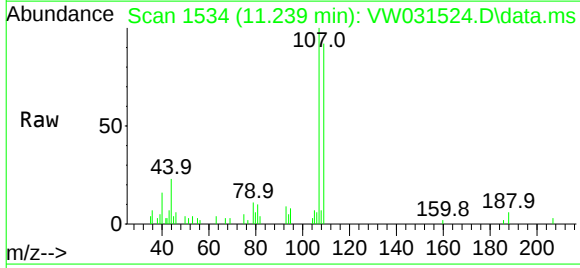
Tgt Ion:129 Resp: 5162
Ion Ratio Lower Upper
129 100
127 79.8 57.6 107.0





#50
1,2-Dibromoethane
Concen: 1.079 ug/L
RT: 11.239 min Scan# 1533
Delta R.T. 0.006 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

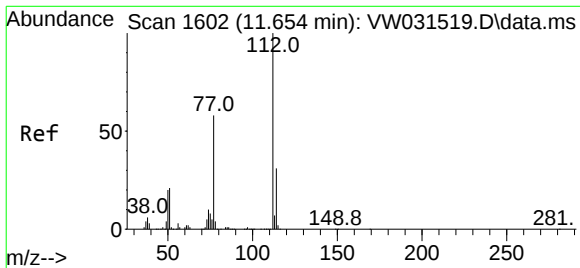
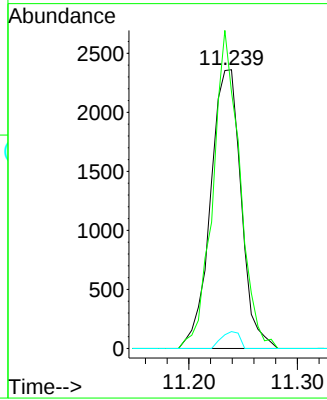
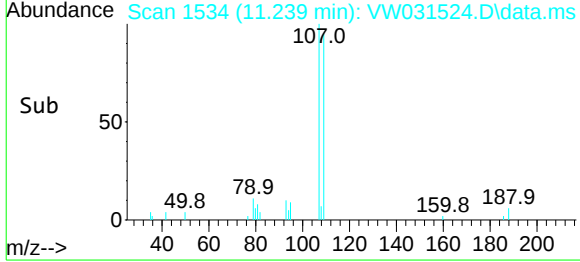
Instrument :
MSVOA_W
ClientSampleId :
MDL4



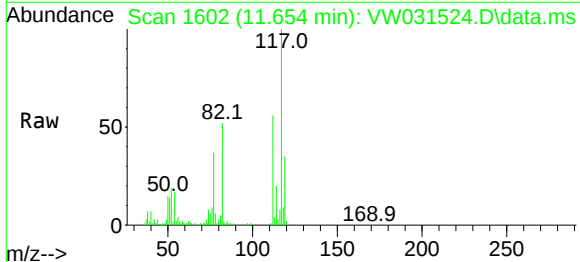
Tgt Ion:107 Resp: 4622
Ion Ratio Lower Upper
107 100
109 92.0 63.2 117.4
188 6.1 2.6 4.0#

Manual Integrations
APPROVED

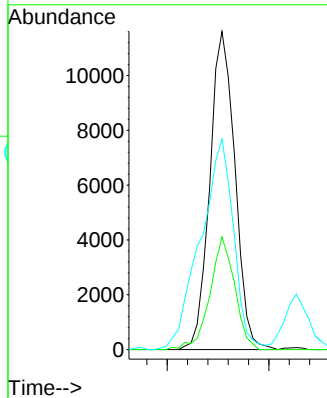
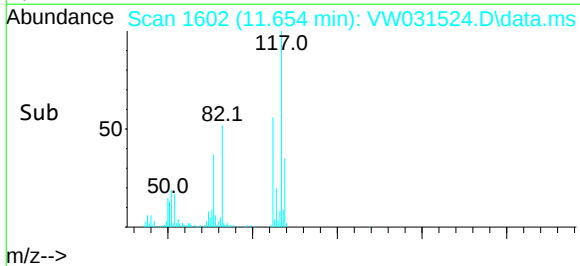
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024

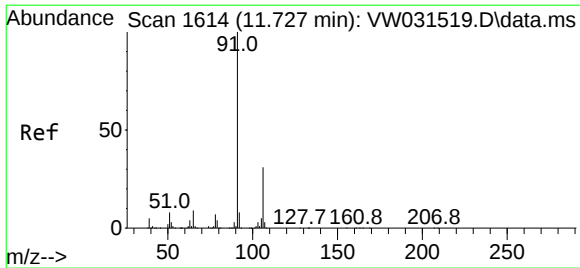


#51
Chlorobenzene
Concen: 1.073 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17



Tgt Ion:112 Resp: 19959
Ion Ratio Lower Upper
112 100
114 35.4 22.7 42.3
77 66.2 50.2 75.4





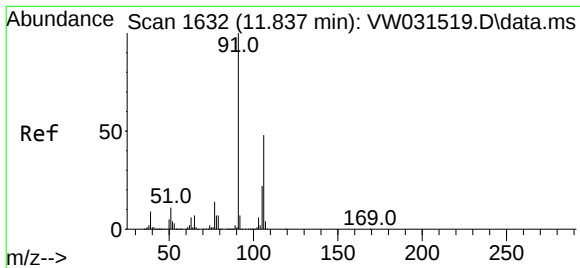
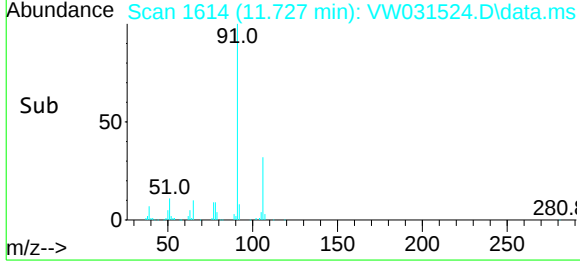
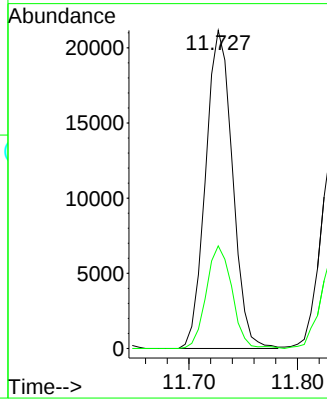
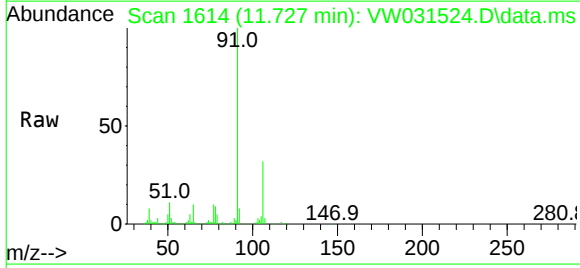
#52
Ethylbenzene
Concen: 1.060 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

Instrument :
MSVOA_W
ClientSampleId :
MDL4

Tgt Ion: 91 Resp: 36452
Ion Ratio Lower Upper
91 100
106 32.3 20.7 38.5

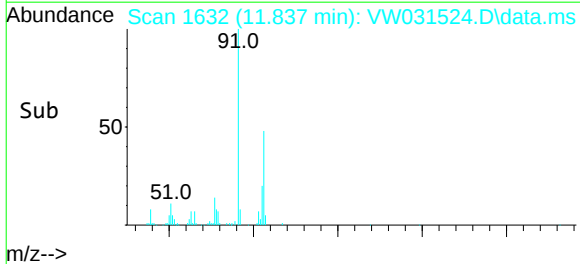
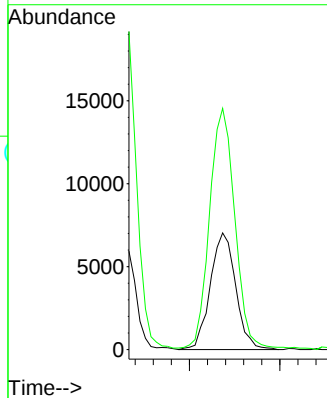
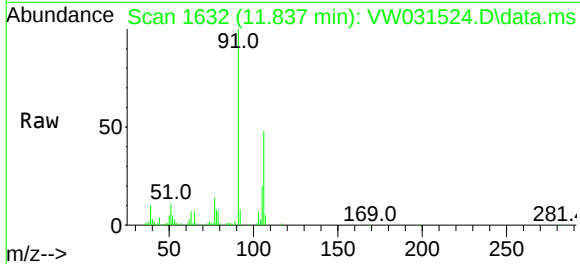
Manual Integrations
APPROVED

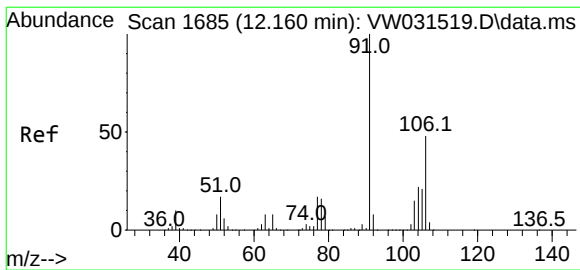
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#53
m,p-Xylene
Concen: 1.052 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

Tgt Ion:106 Resp: 13764
Ion Ratio Lower Upper
106 100
91 206.8 139.9 259.7





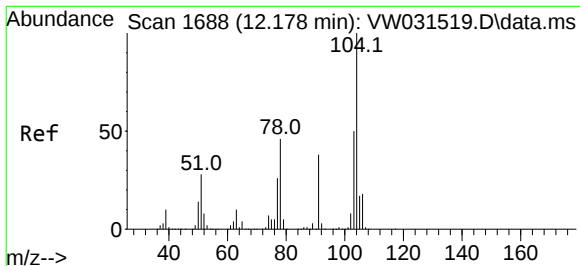
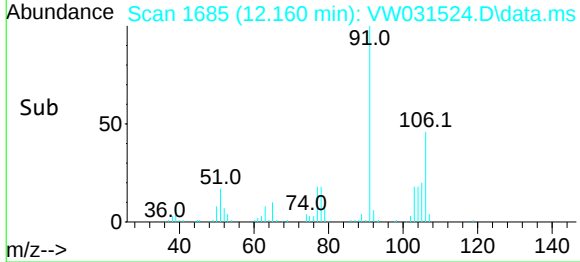
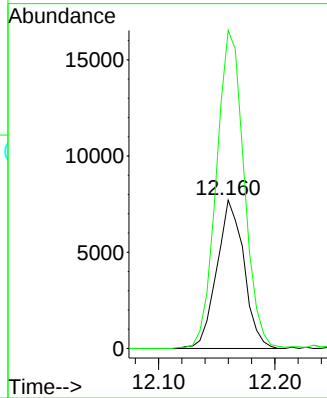
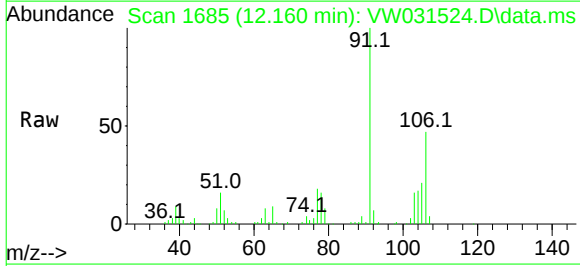
#54
o-Xylene
Concen: 1.014 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

Instrument :
MSVOA_W
ClientSampleId :
MDL4

Tgt Ion	Ratio	Lower	Upper
106	100		
91	214.3	153.1	284.3

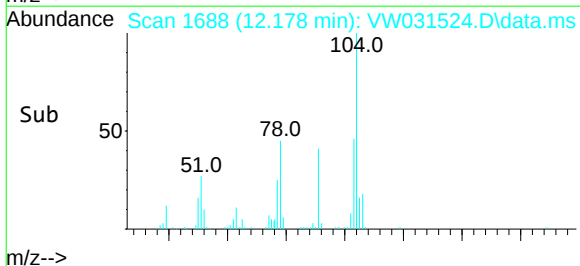
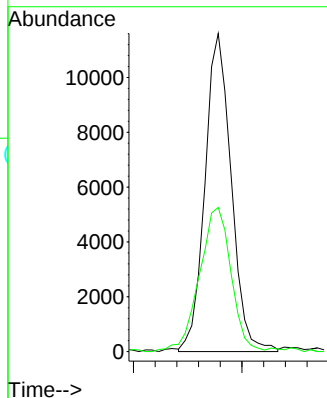
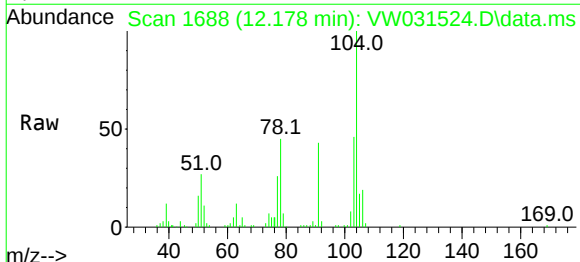
Manual Integrations
APPROVED

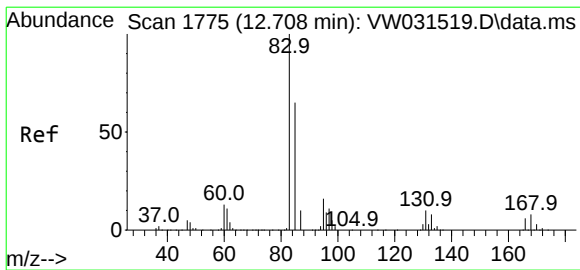
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#55
Styrene
Concen: 0.952 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

Tgt Ion	Ratio	Lower	Upper
104	100		
78	45.3	31.4	58.4





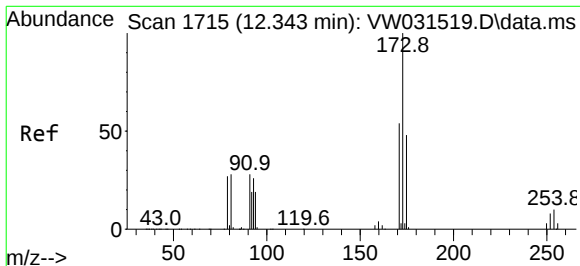
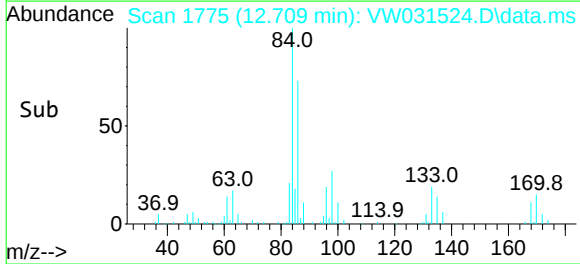
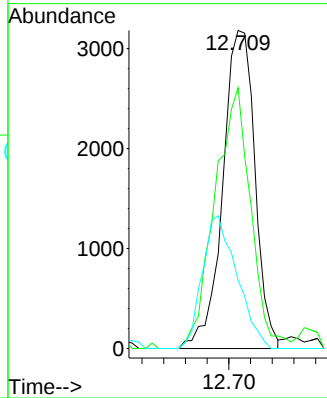
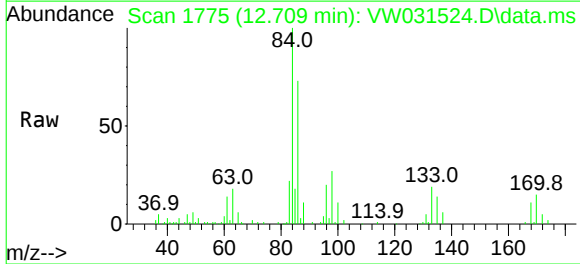
#57
1,1,2,2-Tetrachloroethane
Concen: 1.344 ug/L
RT: 12.709 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

Instrument : MSVOA_W
ClientSampleId : MDL4

Tgt Ion:	83	Resp:	6552
Ion	Ratio	Lower	Upper
83	100		
85	82.0	44.1	81.9#
131	21.5	7.9	11.9#

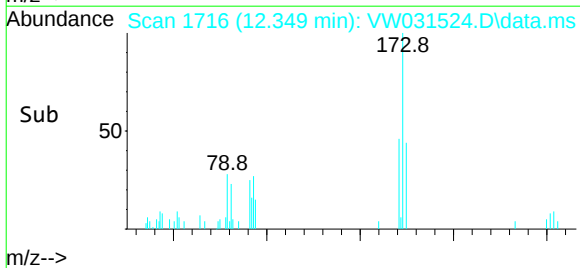
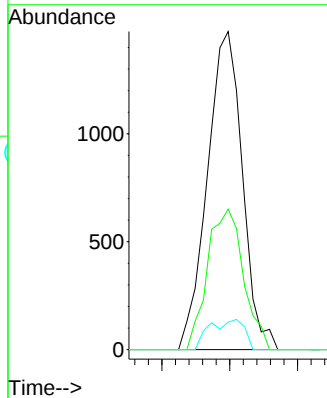
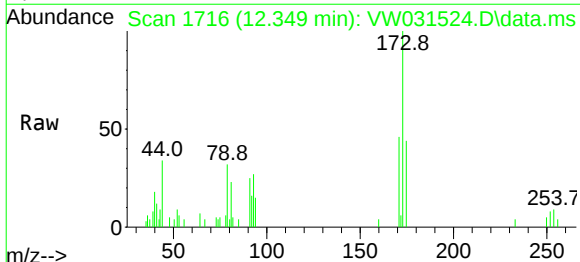
Manual Integrations
APPROVED

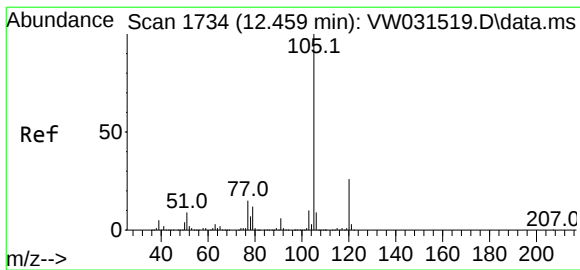
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#59
Bromoform
Concen: 0.882 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

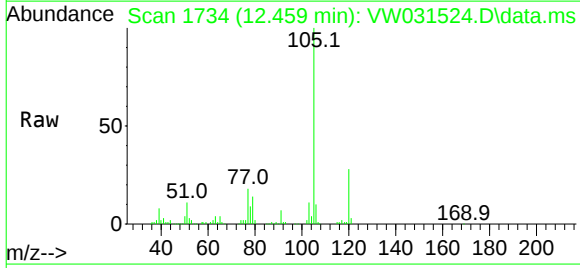
Tgt Ion:	173	Resp:	2642
Ion	Ratio	Lower	Upper
173	100		
175	45.3	38.6	57.8
254	5.1	7.6	11.4#





#60
Isopropylbenzene
Concen: 0.979 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

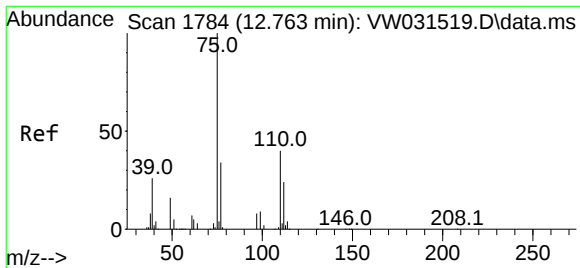
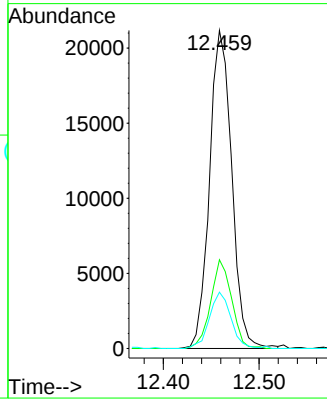
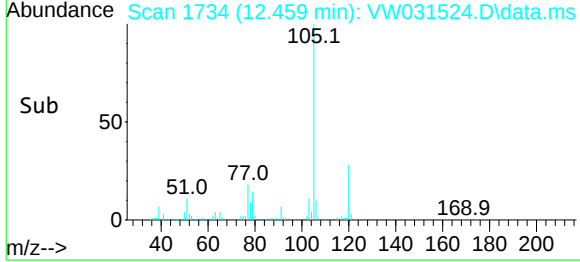
Instrument :
MSVOA_W
ClientSampleId :
MDL4



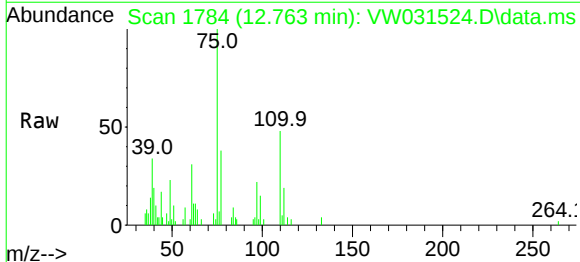
Tgt Ion: 105 Resp: 34149
Ion Ratio Lower Upper
105 100
120 26.2 20.6 31.0
77 17.2 12.8 19.2

Manual Integrations
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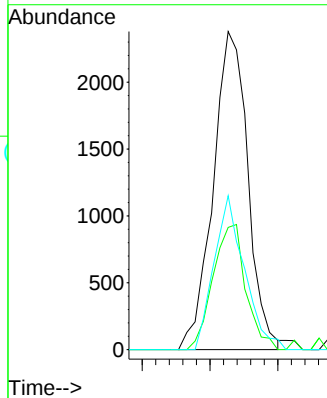
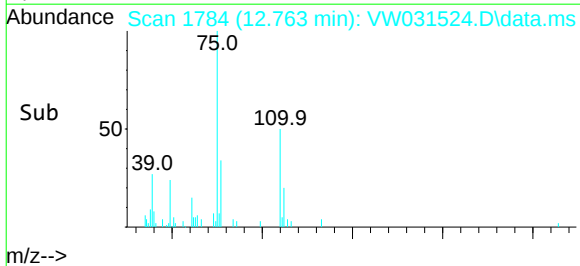
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024

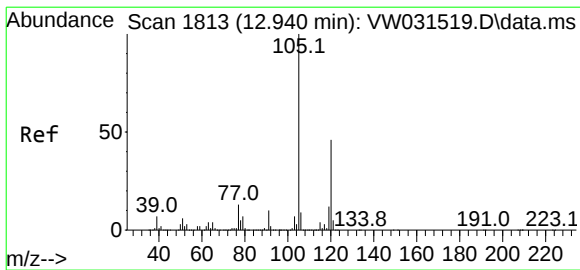


#61
1,2,3-Trichloropropane
Concen: 1.158 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17



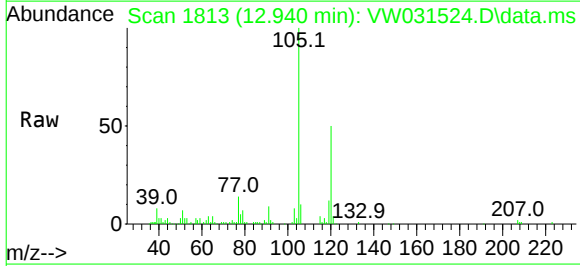
Tgt Ion: 75 Resp: 4224
Ion Ratio Lower Upper
75 100
77 37.2 25.3 37.9
110 42.4 31.2 46.8





#62
1,3,5-Trimethylbenzene
Concen: 0.966 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

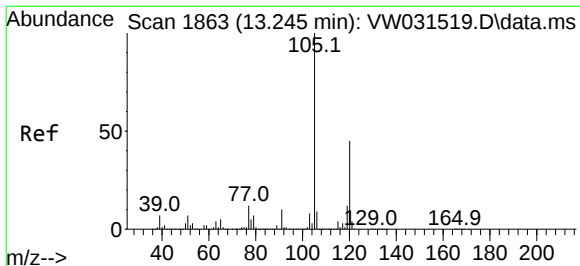
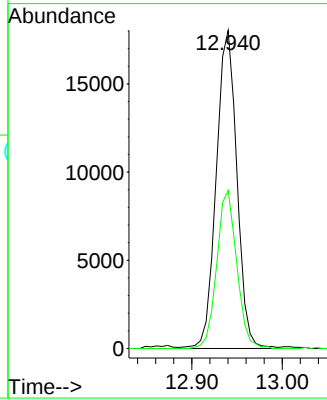
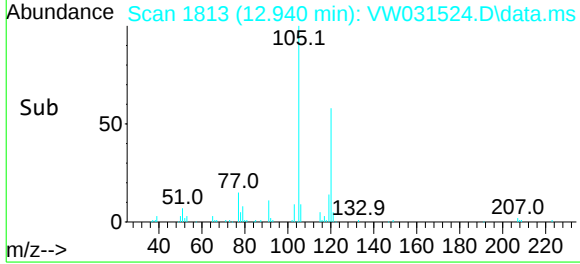
Instrument : MSVOA_W
ClientSampleId : MDL4



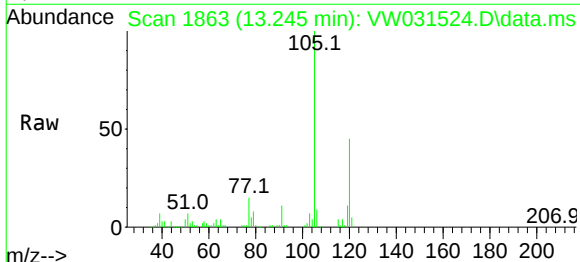
Tgt Ion:105 Resp: 28581
Ion Ratio Lower Upper
105 100
120 48.1 37.3 55.9

Manual Integrations
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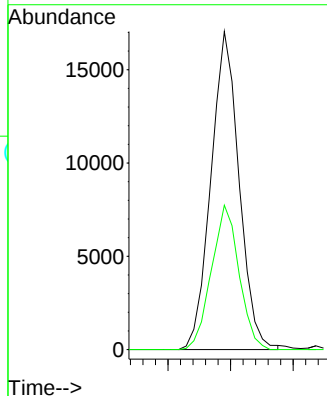
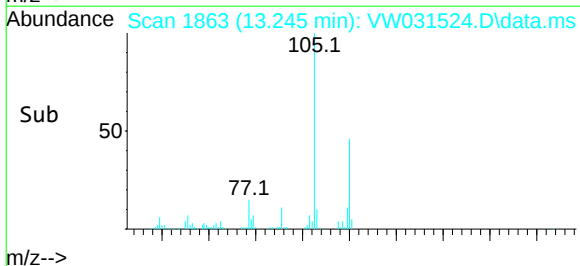
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024

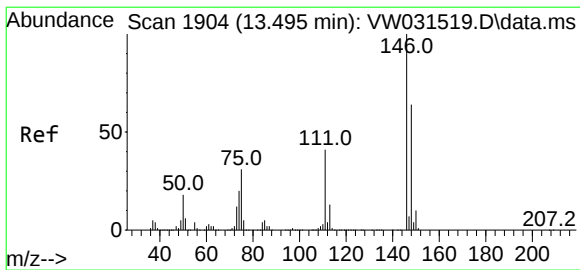


#63
1,2,4-Trimethylbenzene
Concen: 0.931 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17



Tgt Ion:105 Resp: 26614
Ion Ratio Lower Upper
105 100
120 44.5 35.0 52.4





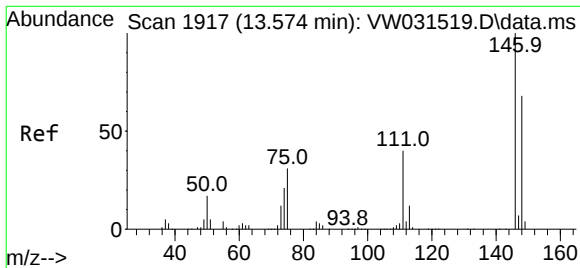
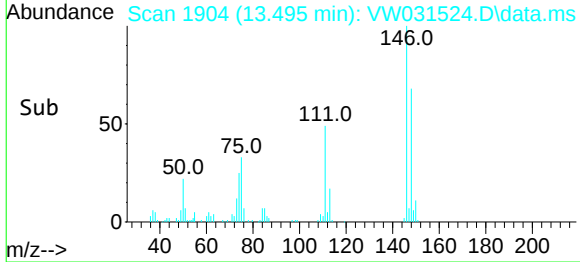
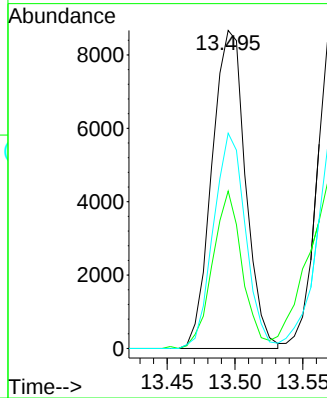
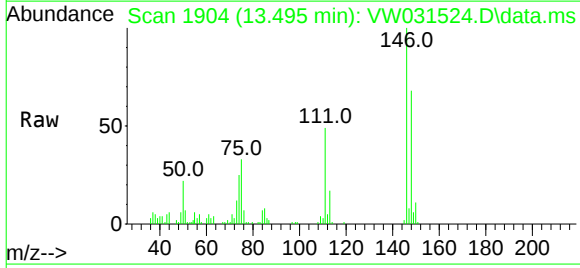
#64
1,3-Dichlorobenzene
Concen: 1.057 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

Instrument :
MSVOA_W
ClientSampleId :
MDL4

Tgt Ion	Ratio	Lower	Upper
146	100		
111	49.5	27.6	51.2
148	67.7	41.0	76.2

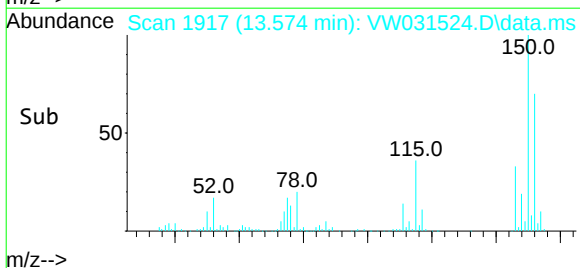
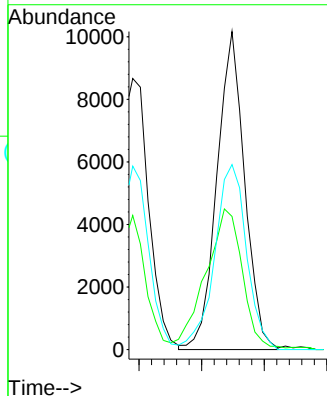
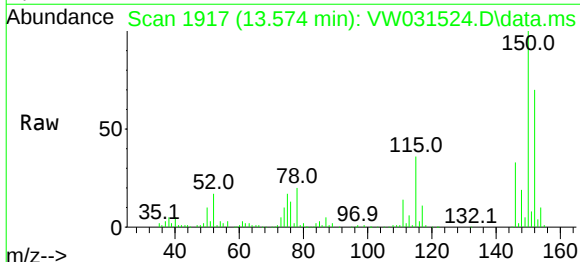
Manual Integrations
APPROVED

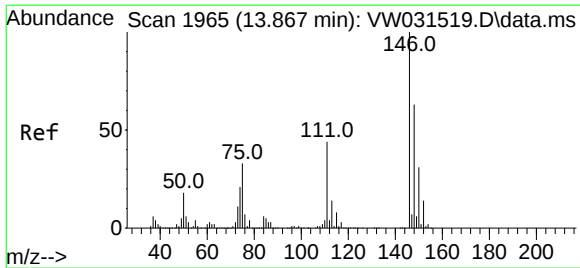
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#65
1,4-Dichlorobenzene
Concen: 1.116 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	30.7	56.9
148	58.2	46.5	86.3





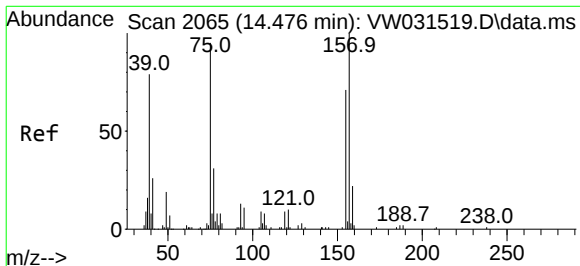
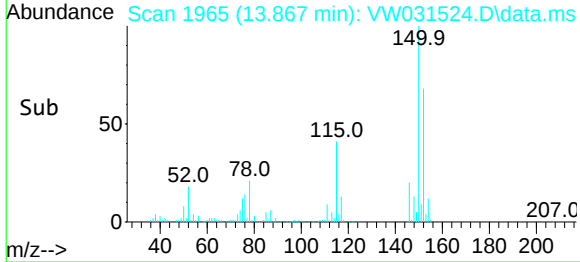
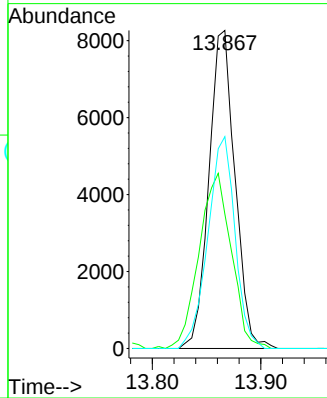
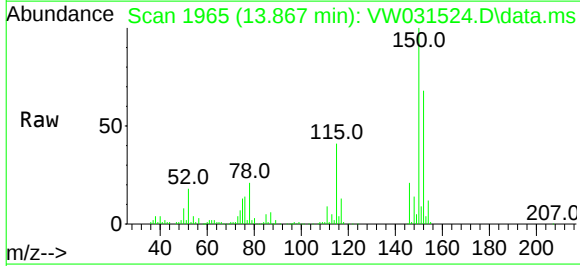
#67
 1,2-Dichlorobenzene
 Concen: 1.134 ug/L
 RT: 13.867 min Scan# 1965
 Delta R.T. 0.000 min
 Lab File: VW031524.D
 Acq: 26 Dec 2024 13:17

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL4

Tgt Ion:	146	Resp:	13817
Ion Ratio	Lower	Upper	
146	100		
111	42.3	38.6	58.0
148	66.6	53.6	80.4

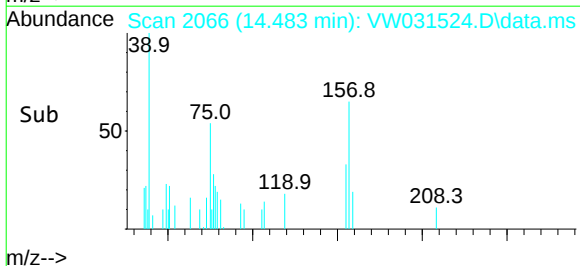
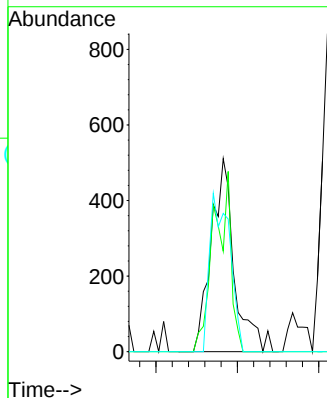
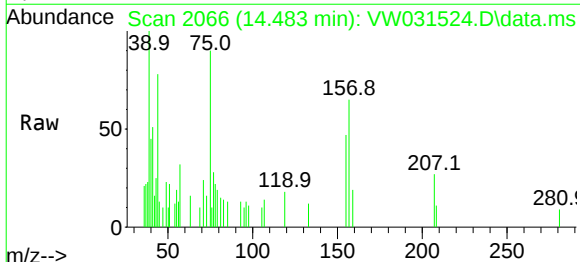
Manual Integrations
 APPROVED

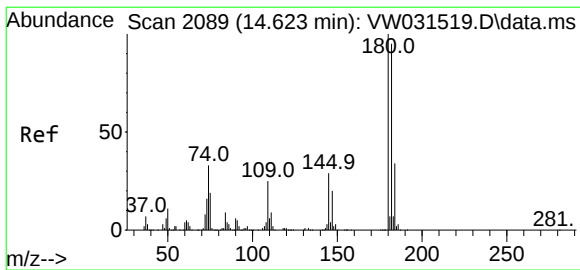
Reviewed By :Mahesh Dadoda 12/27/2024
 Supervised By :Semsettin Yesilyurt 12/27/2024



#68
 1,2-Dibromo-3-chloropropane
 Concen: 1.095 ug/L
 RT: 14.483 min Scan# 2066
 Delta R.T. 0.006 min
 Lab File: VW031524.D
 Acq: 26 Dec 2024 13:17

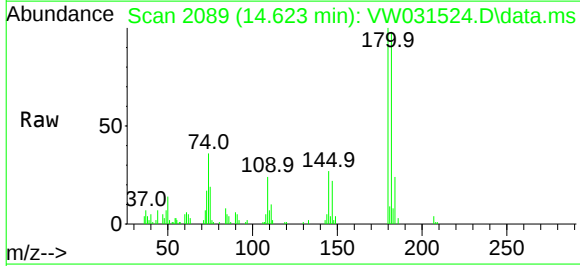
Tgt Ion:	75	Resp:	1014
Ion Ratio	Lower	Upper	
75	100		
155	52.1	56.6	85.0
157	71.6	71.2	106.8





#69
1,3,5-Trichlorobenzene
Concen: 1.093 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

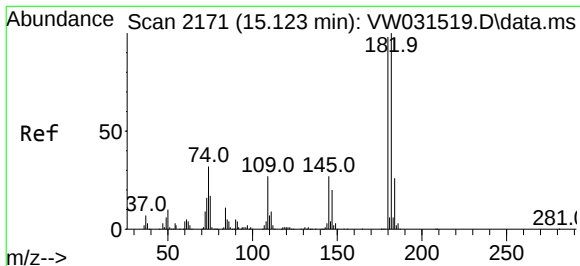
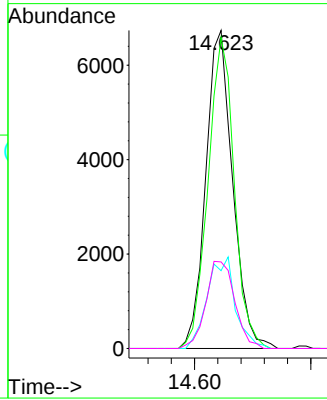
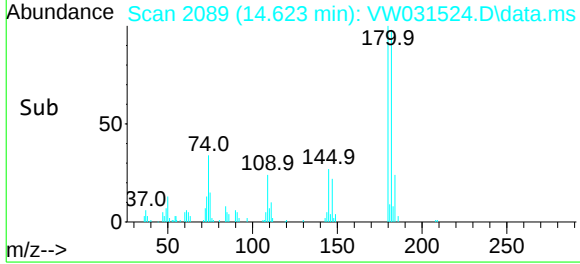
Instrument :
MSVOA_W
ClientSampleId :
MDL4



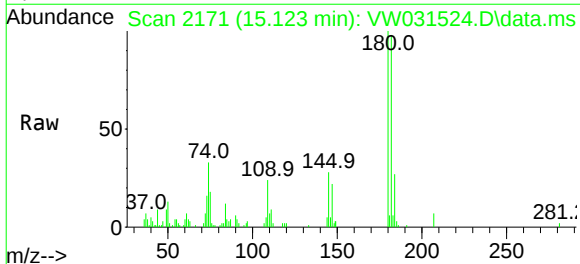
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.0	112.4
184	29.9	24.6	36.8
145	29.5	25.7	38.5

Manual Integrations
APPROVED

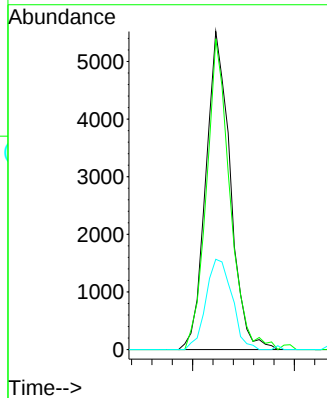
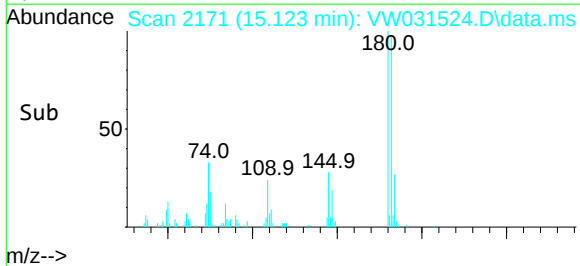
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024

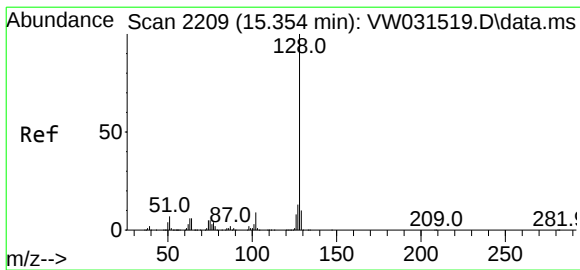


#70
1,2,4-trichlorobenzene
Concen: 1.119 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17



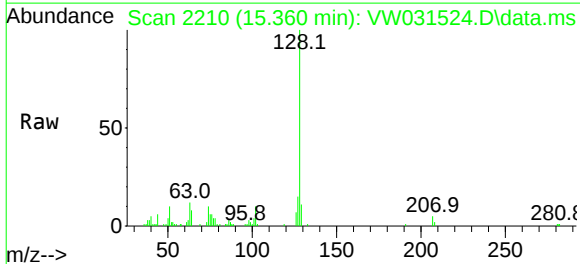
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	78.2	117.2
145	30.2	26.7	40.1





#71
Naphthalene
Concen: 1.008 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

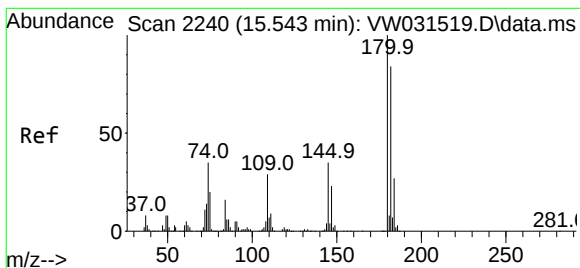
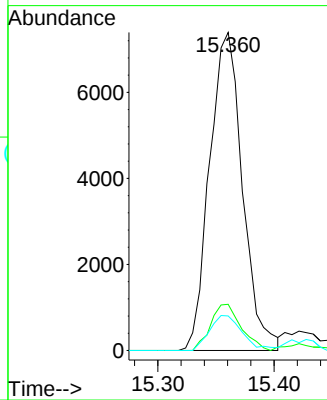
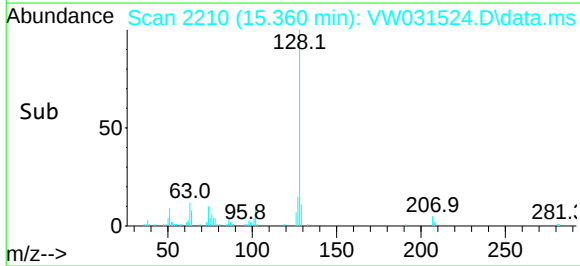
Instrument :
MSVOA_W
ClientSampleId :
MDL4



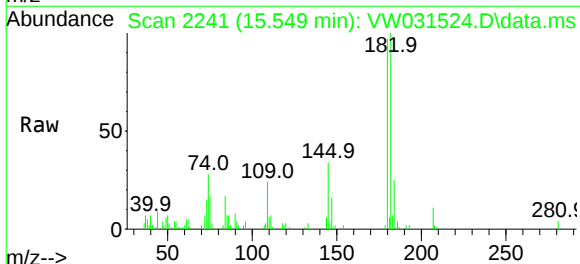
Tgt Ion:	128	Resp:	14549
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.7	16.1
129	10.4	8.6	13.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#72
1,2,3-Trichlorobenzene
Concen: 1.164 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17



Tgt Ion:	180	Resp:	7725
Ion Ratio	Lower	Upper	
180	100		
182	99.1	75.0	112.4
145	35.0	27.8	41.6

