

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122024\
 Data File : VW031421.D
 Acq On : 20 Dec 2024 12:36
 Operator : SY/MD
 Sample : MDL05
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL05

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024
 Supervised By :Mahesh Dadoda 12/23/2024

Quant Time: Dec 20 22:01:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 20 21:58:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	554677	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	489454	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	242328	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	159112	19.065	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.240%
7) Chloroethane-d5	2.899	69	138331	22.407	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.640%
11) 1,1-Dichloroethene-d2	4.015	65	74016	18.697	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.800%
21) 2-Butanone-d5	7.094	46	83922	53.395	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.800%
24) Chloroform-d	7.648	84	326780	21.502	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	8.301	65	186202	24.396	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	8.270	84	653348	20.826	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.320%
36) 1,2-Dichloropropane-d6	9.270	67	195115	21.340	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.360%
41) Toluene-d8	10.319	98	593943	20.351	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	10.575	79	79034	18.747	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.000%
47) 2-Hexanone-d5	10.922	63	63252	51.442	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.880%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	153314	26.707	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.840%
66) 1,2-Dichlorobenzene-d4	13.849	152	194415	21.611	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.003	85	5721m	1.141	ug/L	
3) Chloromethane	2.210	50	7460	1.325	ug/L	95
5) Vinyl chloride	2.369	62	10511m	1.347	ug/L	
6) Bromomethane	2.783	94	7119	1.484	ug/L	94
8) Chloroethane	2.930	64	6776	1.460	ug/L	100
9) Trichlorofluoromethane	3.265	101	9712	1.168	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	9808m	1.461	ug/L	
12) 1,1-Dichloroethene	4.027	96	8832	1.299	ug/L #	1
14) Carbon disulfide	4.381	76	20502	0.924	ug/L	96
15) Methyl Acetate	4.704	43	5164m	2.077	ug/L	
17) trans-1,2-Dichloroethene	5.423	96	9300	1.269	ug/L	87
18) Methyl tert-butyl Ether	5.429	73	16309	1.331	ug/L #	87
19) 1,1-Dichloroethane	6.216	63	16800	1.227	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	10313	1.300	ug/L	95
22) 2-Butanone	7.203	43	7896m	2.977	ug/L	
23) Bromochloromethane	7.514	128	4252	1.344	ug/L #	89
25) Chloroform	7.679	83	24825	1.836	ug/L	95
27) 1,2-Dichloroethane	8.398	62	12235	1.440	ug/L #	95
29) Cyclohexane	7.953	56	14446	1.088	ug/L	95

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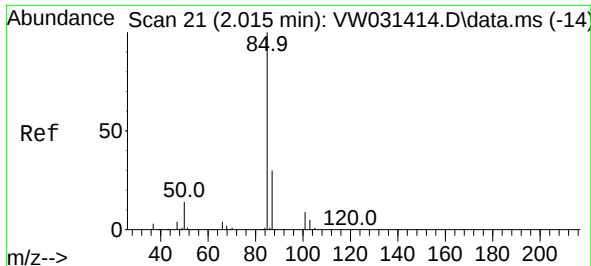
Manual Integrations
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 Supervised By :Mahesh Dadoda 12/23/2024

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 20 21:58:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	7.868	97	13745	1.086	ug/L	96
31) Carbon tetrachloride	8.069	117	11435	1.015	ug/L	94
33) Benzene	8.319	78	38047	1.258	ug/L	100
34) Trichloroethene	9.087	95	10360	1.213	ug/L	89
35) Methylcyclohexane	9.331	83	15546	1.045	ug/L	93
37) 1,2-Dichloropropane	9.362	63	9593	1.271	ug/L #	97
38) Bromodichloromethane	9.642	83	11292	1.151	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	14815	1.162	ug/L	92
40) 4-Methyl-2-pentanone	10.209	43	12941	3.233	ug/L	93
42) Toluene	10.386	91	41610	1.264	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	15587	1.497	ug/L	90
45) 1,1,2-Trichloroethane	10.782	97	7343	1.463	ug/L	96
46) Tetrachloroethene	10.855	164	7620	1.218	ug/L	93
48) 2-Hexanone	10.965	43	7169	2.106	ug/L	96
49) Dibromochloromethane	11.130	129	6436	1.082	ug/L	89
50) 1,2-Dibromoethane	11.233	107	6670	1.403	ug/L	100
51) Chlorobenzene	11.654	112	26903	1.303	ug/L	98
52) Ethylbenzene	11.727	91	45459	1.191	ug/L	93
53) m,p-Xylene	11.831	106	17313	1.192	ug/L	93
54) o-Xylene	12.160	106	16431	1.200	ug/L	96
55) Styrene	12.178	104	26301	1.155	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.708	83	9027	1.668	ug/L #	98
59) Bromoform	12.343	173	3369	0.990	ug/L	94
60) Isopropylbenzene	12.459	105	45873	1.157	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	6325	1.525	ug/L	95
62) 1,3,5-Trimethylbenzene	12.940	105	36359	1.081	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	33390	1.028	ug/L	95
64) 1,3-Dichlorobenzene	13.495	146	19726	1.228	ug/L	95
65) 1,4-Dichlorobenzene	13.568	146	20610	1.295	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	18302	1.322	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	1580	1.501	ug/L #	77
69) 1,3,5-Trichlorobenzene	14.623	180	13903	1.236	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	11475	1.226	ug/L	96
71) Naphthalene	15.360	128	22409	1.366	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	10352	1.373	ug/L	99

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



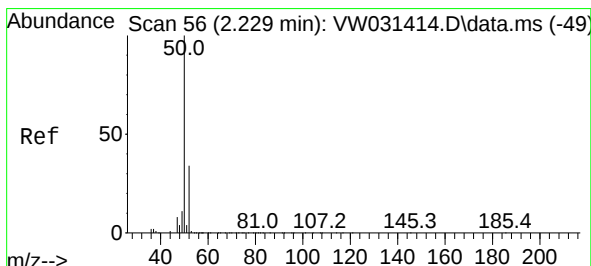
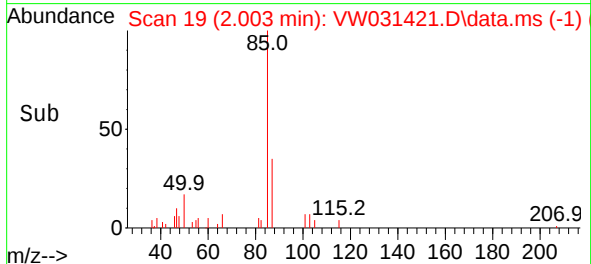
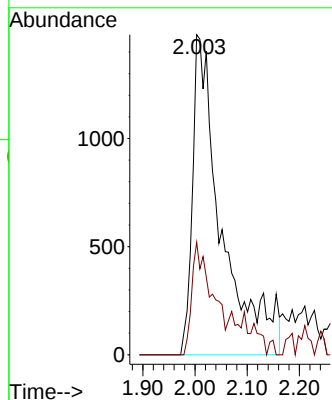
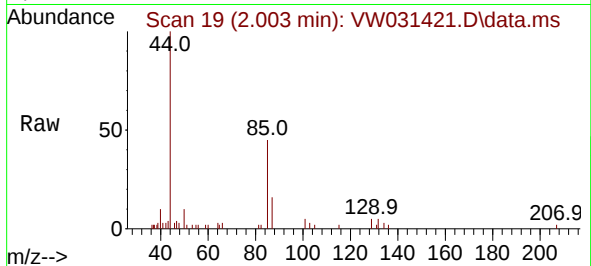
#2
Dichlorodifluoromethane
Concen: 1.141 ug/L m
RT: 2.003 min Scan# 1
Delta R.T. -0.012 min
Lab File: VW031421.D
Acq: 20 Dec 2024 12:36

Instrument :
MSVOA_W
ClientSampleId :
MDL05

Tgt Ion: 85 Resp: 572
Ion Ratio Lower Upper
85 100
87 0.8 24.9 37.3

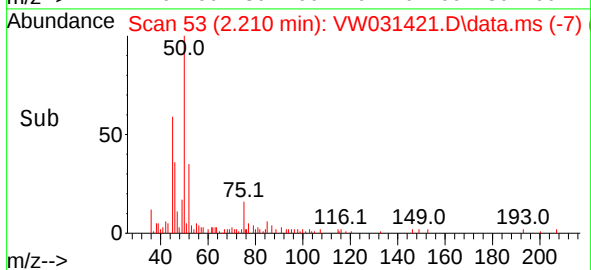
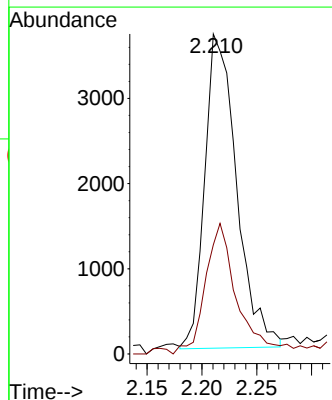
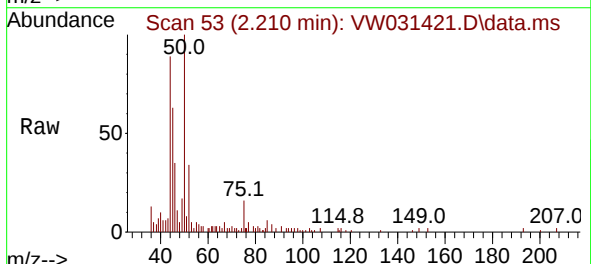
Manual Integrations
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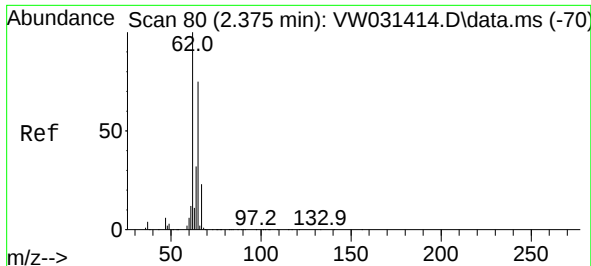
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#3
Chloromethane
Concen: 1.325 ug/L
RT: 2.210 min Scan# 53
Delta R.T. -0.018 min
Lab File: VW031421.D
Acq: 20 Dec 2024 12:36

Tgt Ion: 50 Resp: 7460
Ion Ratio Lower Upper
50 100
52 34.1 22.0 41.0





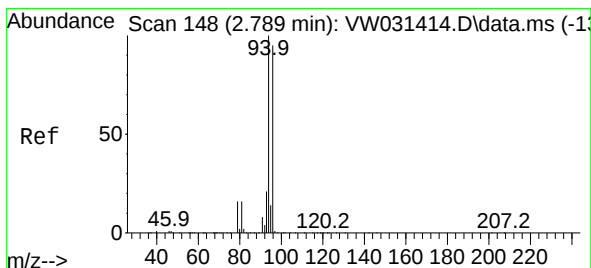
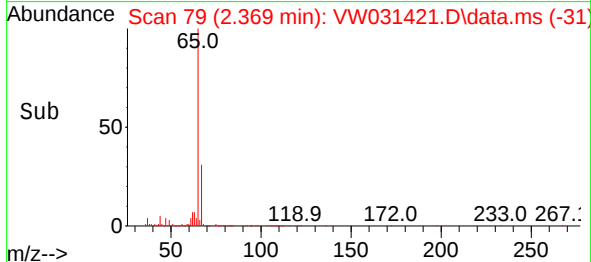
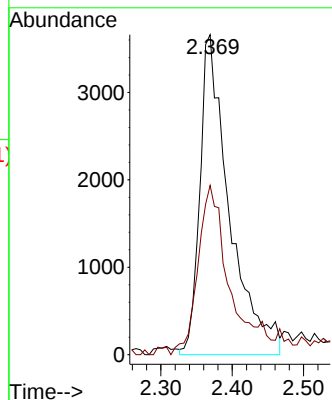
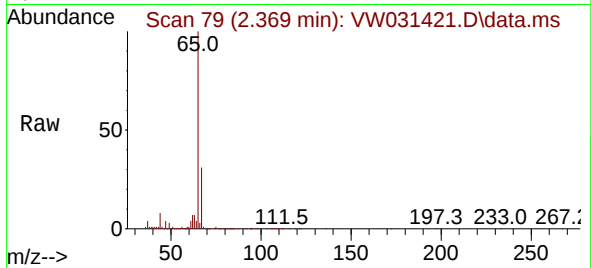
#5
 Vinyl chloride
 Concen: 1.347 ug/L m
 RT: 2.369 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: VW031421.D
 Acq: 20 Dec 2024 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL05

Tgt Ion: 62 Resp: 1051
 Ion Ratio Lower Upper
 62 100
 64 52.9 24.1 44.8

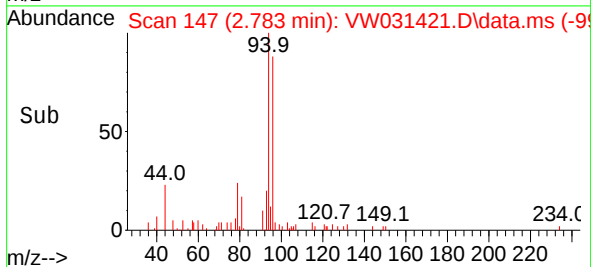
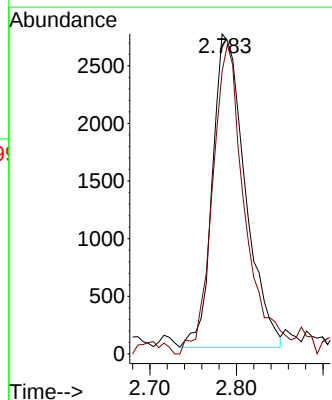
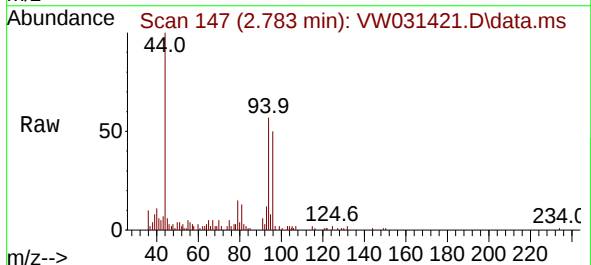
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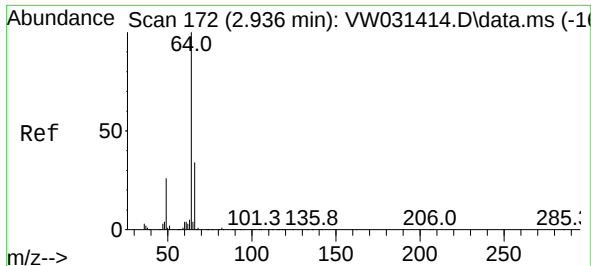
Reviewed By :Semsettin Yesilyurt 12/23/2024
 Supervised By :Mahesh Dadoda 12/23/2024



#6
 Bromomethane
 Concen: 1.484 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW031421.D
 Acq: 20 Dec 2024 12:36

Tgt Ion: 94 Resp: 7119
 Ion Ratio Lower Upper
 94 100
 96 88.3 65.6 121.8





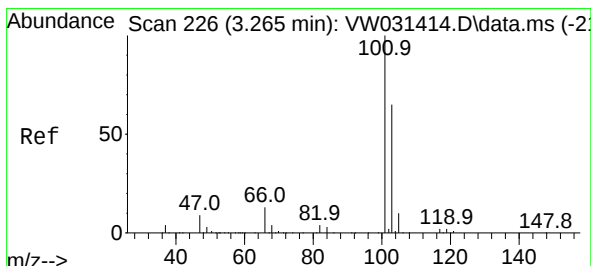
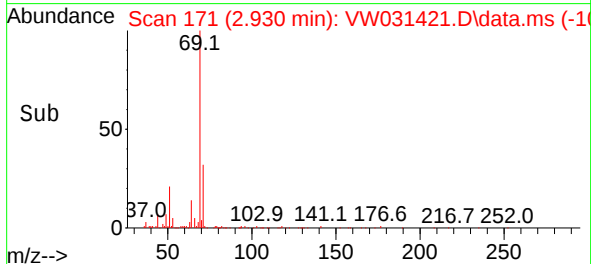
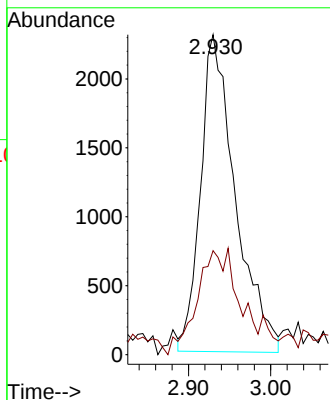
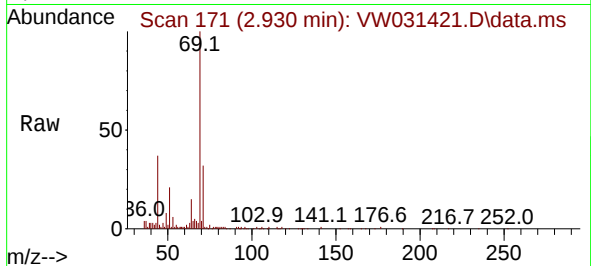
#8
Chloroethane
Concen: 1.460 ug/L
RT: 2.930 min Scan# 172
Delta R.T. -0.006 min
Lab File: VW031421.D
Acq: 20 Dec 2024 12:36

Instrument :
MSVOA_W
ClientSampleId :
MDL05

Tgt Ion: 64 Resp: 6770
Ion Ratio Lower Upper
64 100
66 32.5 22.7 42.3

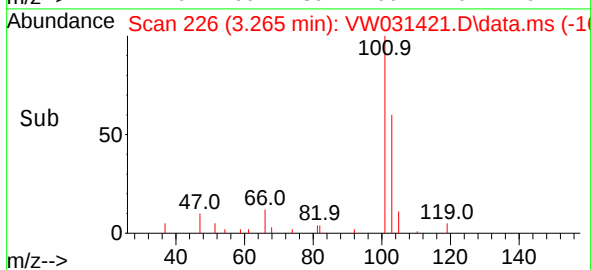
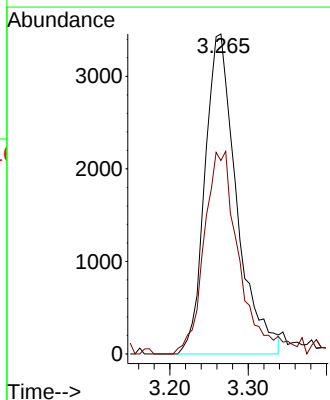
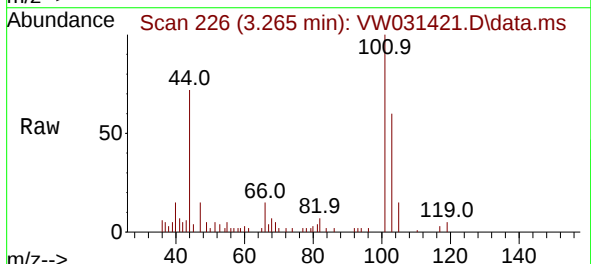
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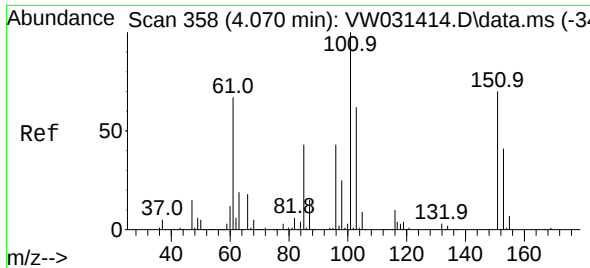
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#9
Trichlorofluoromethane
Concen: 1.168 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW031421.D
Acq: 20 Dec 2024 12:36

Tgt Ion:101 Resp: 9712
Ion Ratio Lower Upper
101 100
103 70.0 51.6 77.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.461 ug/L m

RT: 4.076 min Scan# 358

Delta R.T. 0.006 min

Lab File: VW031421.D

Acq: 20 Dec 2024 12:36

Instrument :

MSVOA_W

ClientSampleId :

MDL05

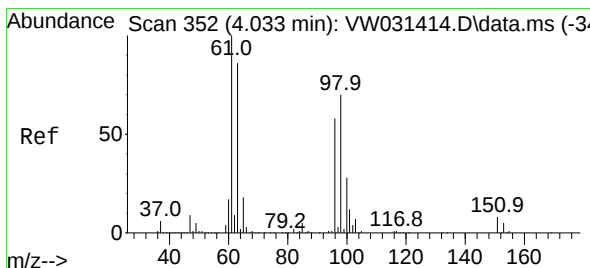
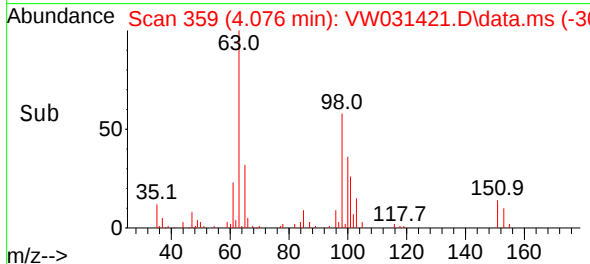
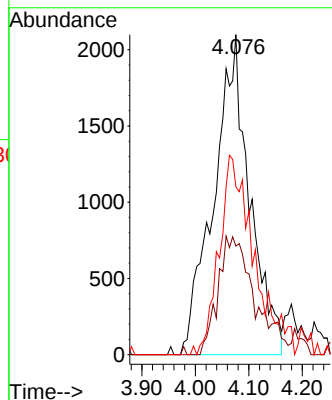
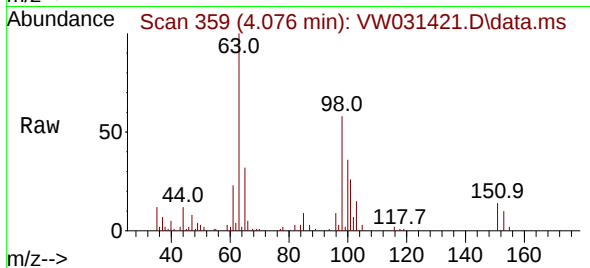
Tgt Ion:	101	Resp:	9800
Ion Ratio	Lower	Upper	
101	100		
85	6.1	33.0	49.4
151	33.4	54.8	82.2

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 1.299 ug/L

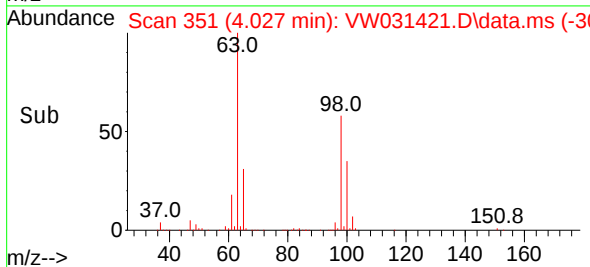
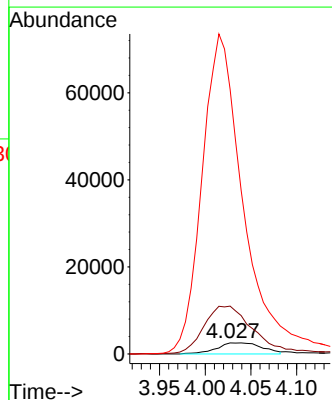
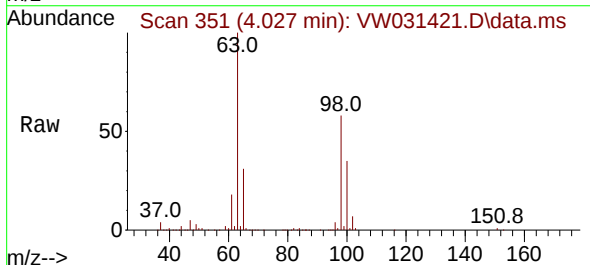
RT: 4.027 min Scan# 351

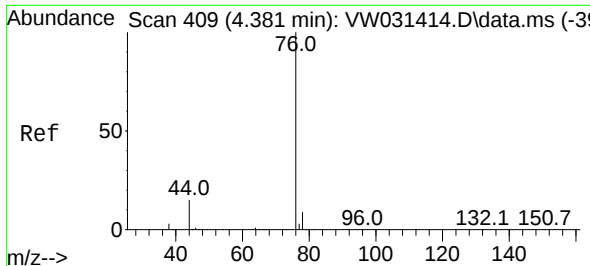
Delta R.T. -0.006 min

Lab File: VW031421.D

Acq: 20 Dec 2024 12:36

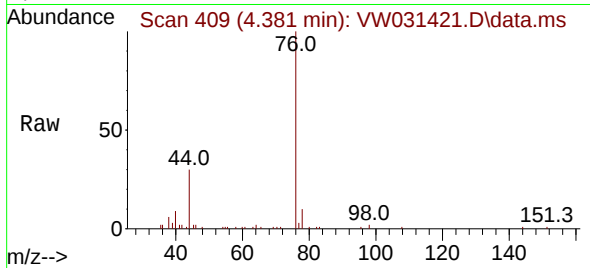
Tgt Ion:	96	Resp:	8832
Ion Ratio	Lower	Upper	
96	100		
61	431.9	125.3	232.7
63	2389.6	104.6	194.2





#14
Carbon disulfide
Concen: 0.924 ug/L
RT: 4.381 min Scan# 409
Delta R.T. 0.000 min
Lab File: VW031421.D
Acq: 20 Dec 2024 12:36

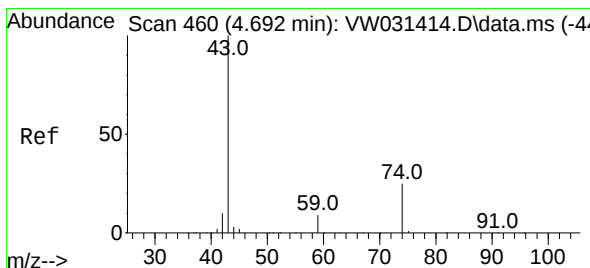
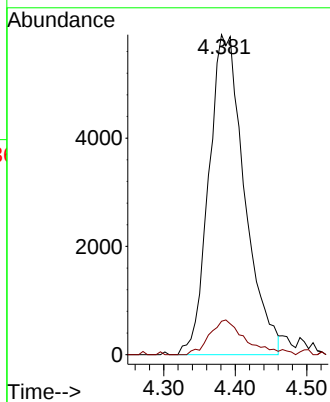
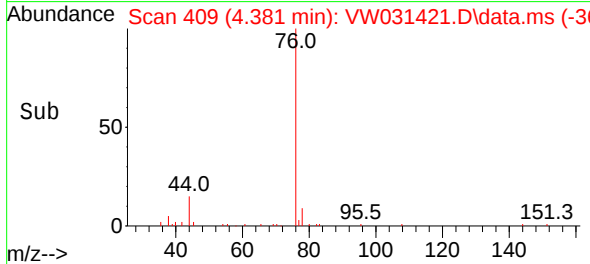
Instrument :
MSVOA_W
ClientSampleId :
MDL05



Tgt Ion: 76 Resp: 20502
Ion Ratio Lower Upper
76 100
78 10.5 7.3 10.9

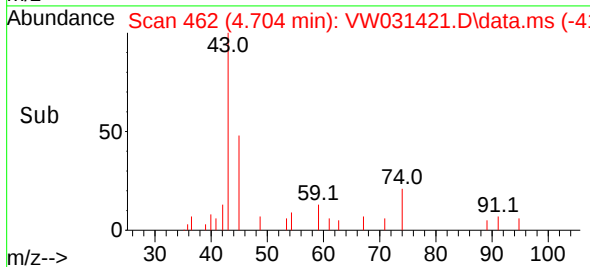
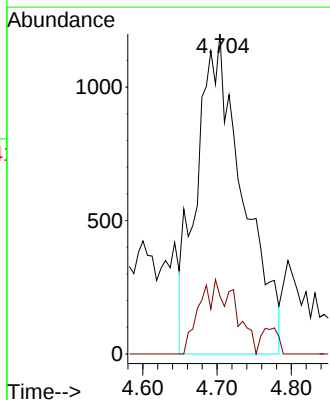
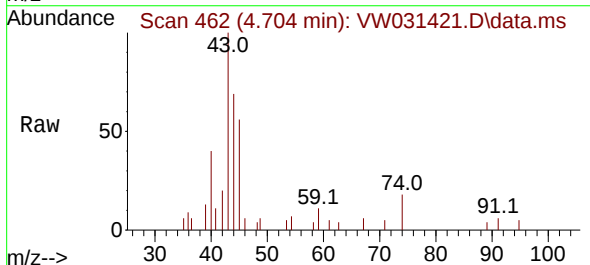
Manual Integrations
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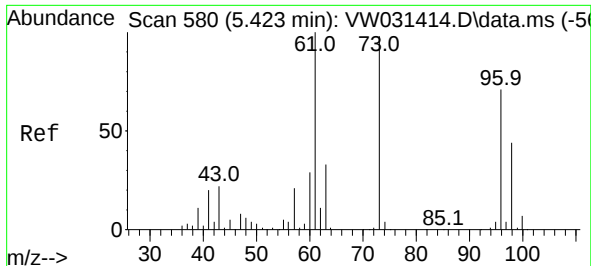
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#15
Methyl Acetate
Concen: 2.077 ug/L m
RT: 4.704 min Scan# 462
Delta R.T. 0.012 min
Lab File: VW031421.D
Acq: 20 Dec 2024 12:36

Tgt Ion: 43 Resp: 5164
Ion Ratio Lower Upper
43 100
74 4.8 18.9 28.3#





#17

trans-1,2-Dichloroethene

Concen: 1.269 ug/L

RT: 5.423 min Scan# 580

Delta R.T. 0.000 min

Lab File: VW031421.D

Acq: 20 Dec 2024 12:36

Instrument :

MSVOA_W

ClientSampleId :

MDL05

Tgt Ion: 96 Resp: 9300

Ion Ratio Lower Upper

96 100

61 122.1 100.7 187.1

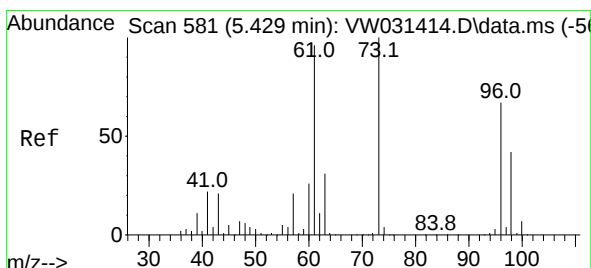
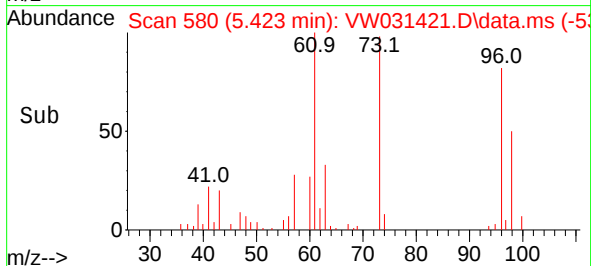
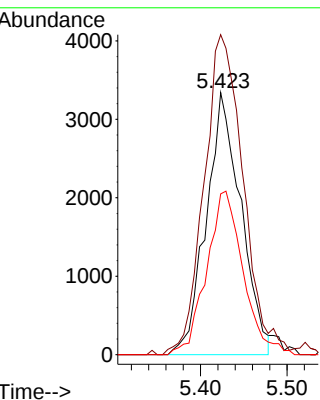
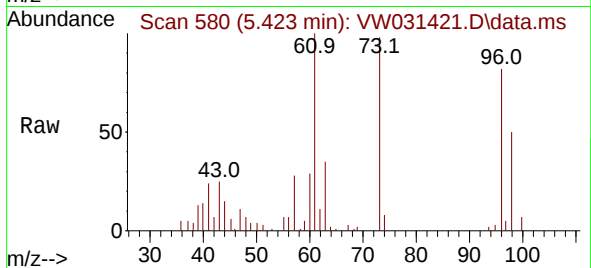
98 61.3 43.8 81.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/23/2024



#18

Methyl tert-butyl Ether

Concen: 1.331 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW031421.D

Acq: 20 Dec 2024 12:36

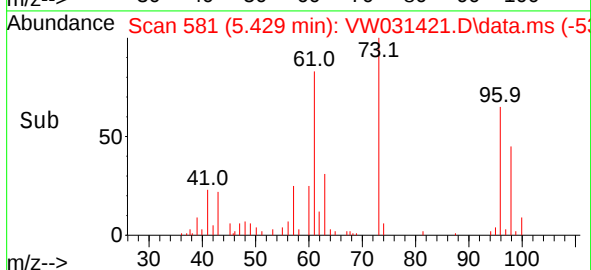
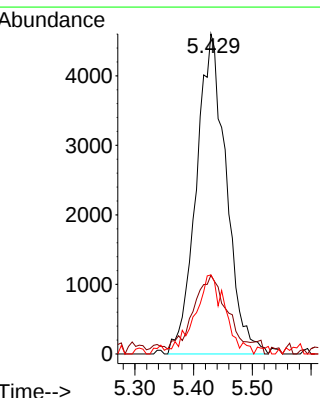
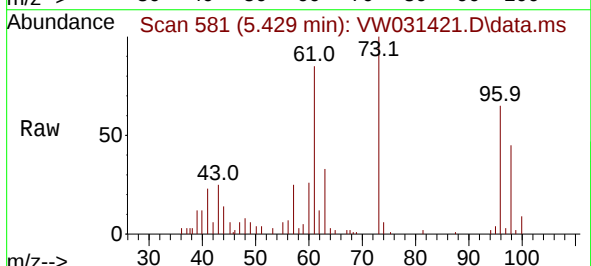
Tgt Ion: 73 Resp: 16309

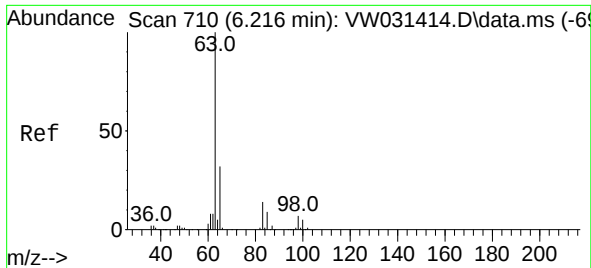
Ion Ratio Lower Upper

73 100

43 22.7 17.9 26.9

57 10.7 17.9 26.9#





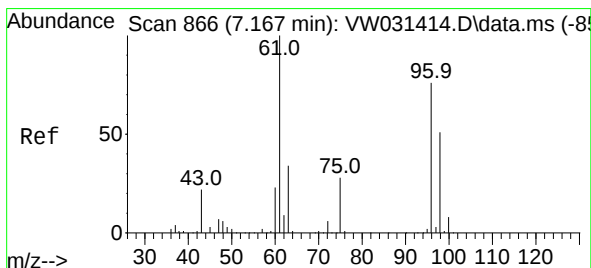
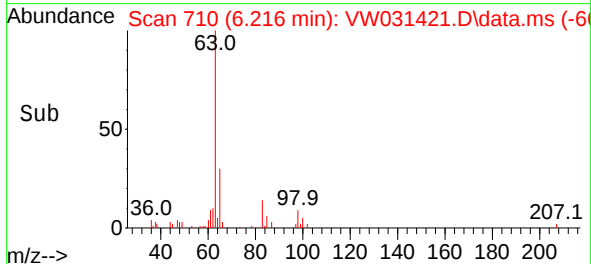
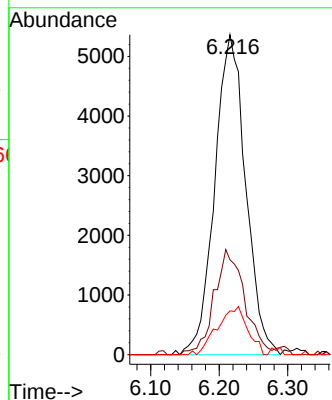
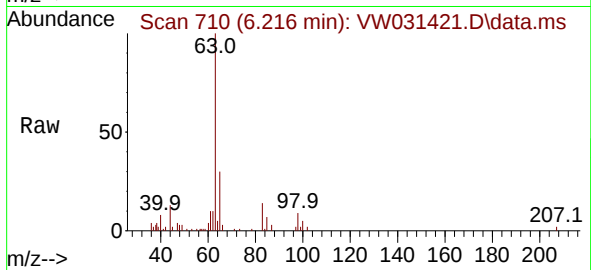
#19
1,1-Dichloroethane
Concen: 1.227 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW031421.D
Acq: 20 Dec 2024 12:36

Instrument :
MSVOA_W
ClientSampleId :
MDL05

Tgt Ion: 63 Resp: 16800
Ion Ratio Lower Upper
63 100
65 29.6 21.9 40.7
83 13.7 9.3 17.3

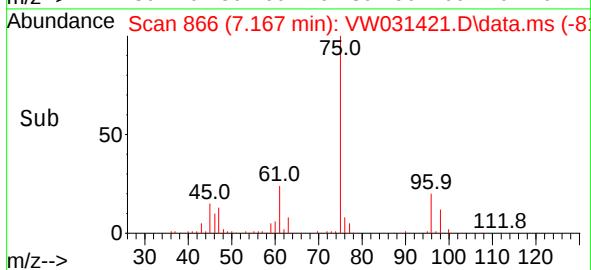
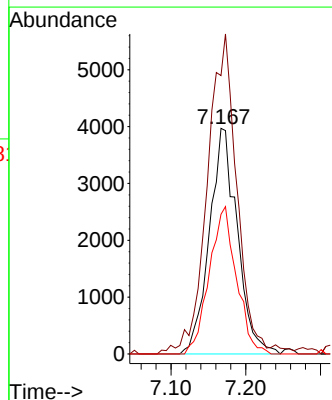
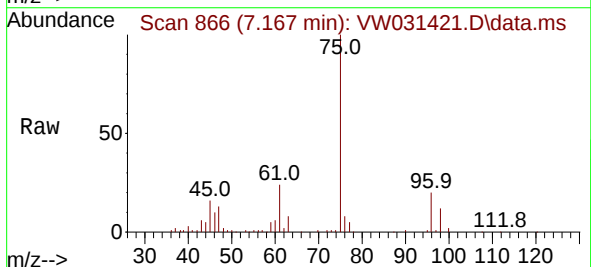
Manual Integrations
APPROVED

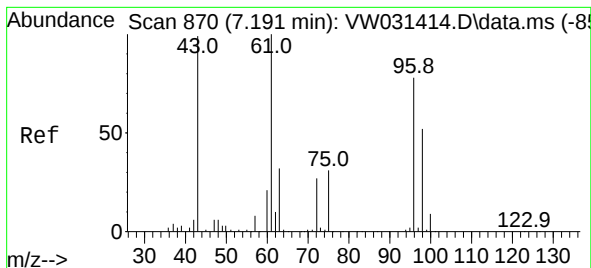
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#20
cis-1,2-Dichloroethene
Concen: 1.300 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW031421.D
Acq: 20 Dec 2024 12:36

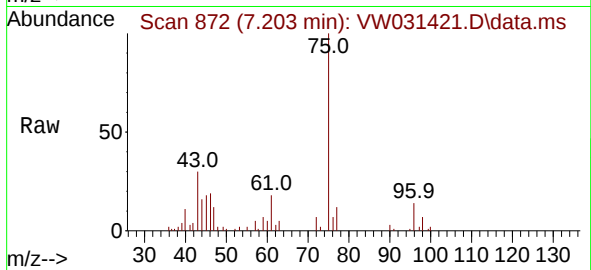
Tgt Ion: 96 Resp: 10313
Ion Ratio Lower Upper
96 100
61 123.4 92.2 171.2
98 62.0 43.7 81.1





#22
2-Butanone
Concen: 2.977 ug/L m
RT: 7.203 min Scan# 871
Delta R.T. 0.012 min
Lab File: VW031421.D
Acq: 20 Dec 2024 12:36

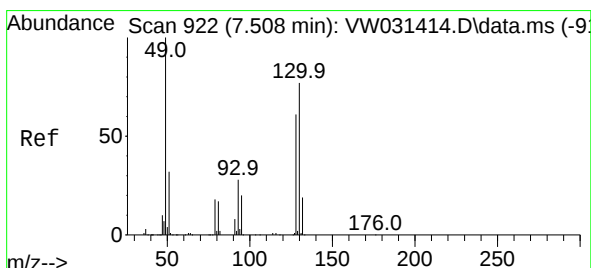
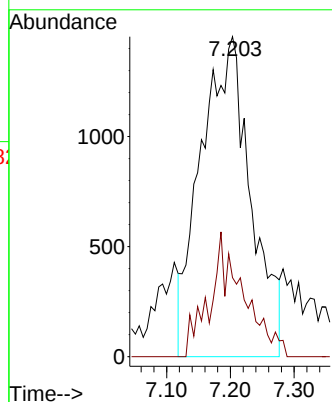
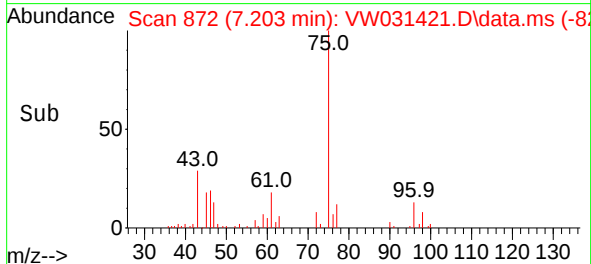
Instrument :
MSVOA_W
ClientSampleId :
MDL05



Tgt Ion: 43 Resp: 7890
Ion Ratio Lower Upper
43 100
72 4.0 13.3 39.8

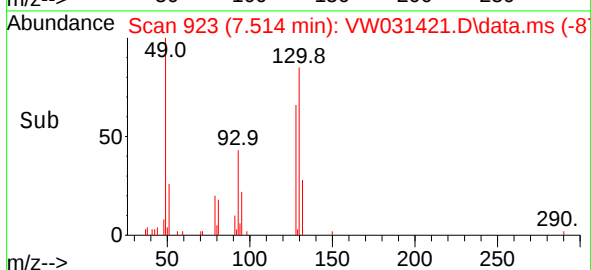
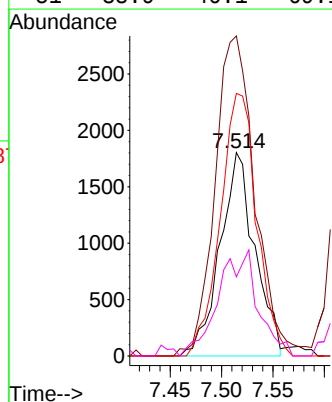
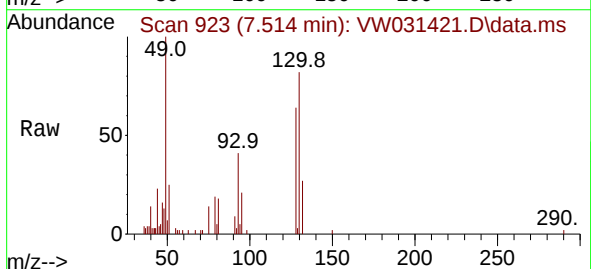
Manual Integrations
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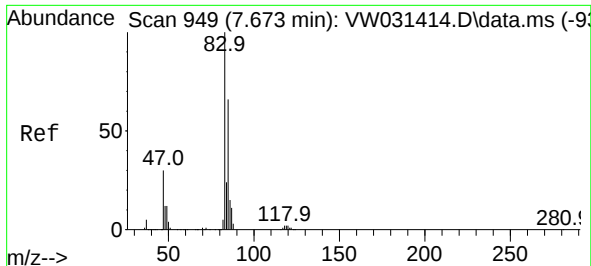
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#23
Bromochloromethane
Concen: 1.344 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.006 min
Lab File: VW031421.D
Acq: 20 Dec 2024 12:36

Tgt Ion:128 Resp: 4252
Ion Ratio Lower Upper
128 100
49 157.3 123.7 229.7
130 129.1 90.3 167.7
51 38.9 46.1 69.1





#25

Chloroform

Concen: 1.836 ug/L

RT: 7.679 min Scan# 949

Delta R.T. 0.006 min

Lab File: VW031421.D

Acq: 20 Dec 2024 12:36

Instrument :

MSVOA_W

ClientSampleId :

MDL05

Tgt Ion: 83 Resp: 2482

Ion Ratio Lower Upper

83 100

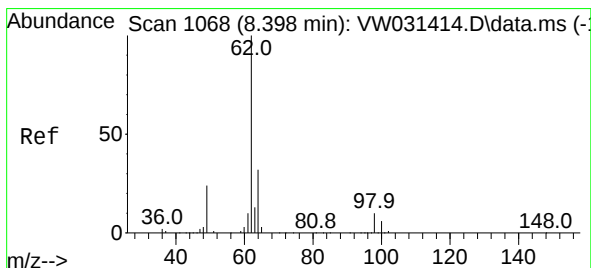
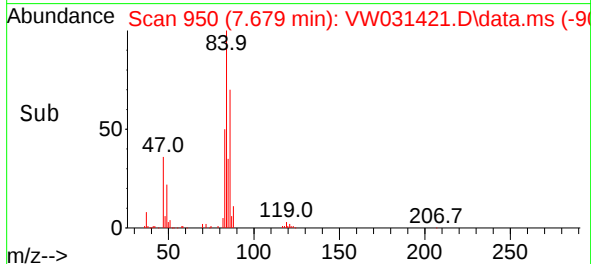
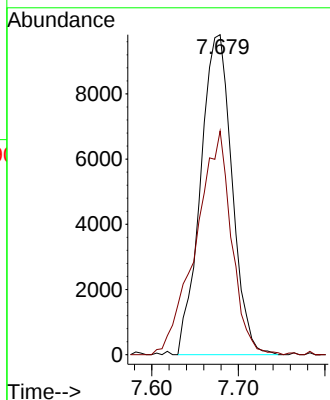
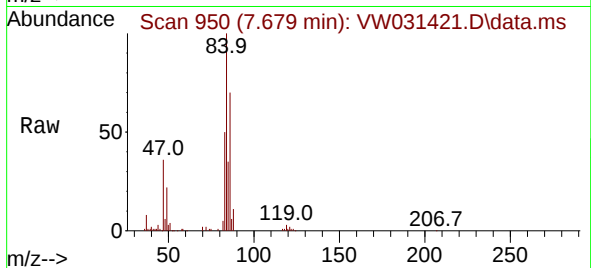
85 69.9 46.1 85.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/23/2024



#27

1,2-Dichloroethane

Concen: 1.440 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW031421.D

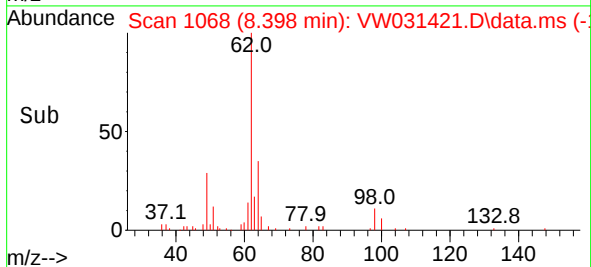
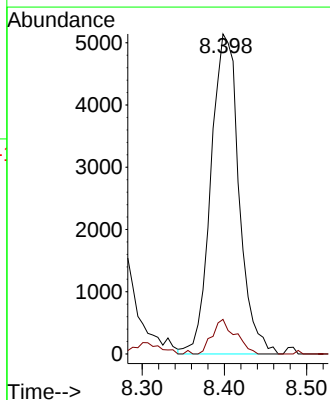
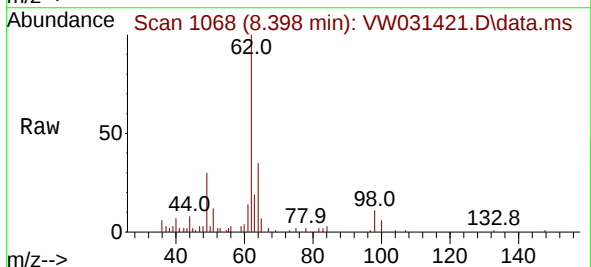
Acq: 20 Dec 2024 12:36

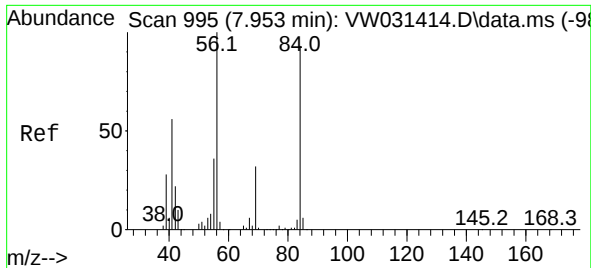
Tgt Ion: 62 Resp: 12235

Ion Ratio Lower Upper

62 100

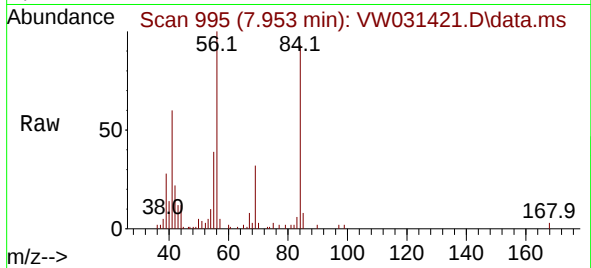
98 10.8 7.2 10.8#





#29
Cyclohexane
Concen: 1.088 ug/L
RT: 7.953 min Scan# 995
Delta R.T. 0.000 min
Lab File: VW031421.D
Acq: 20 Dec 2024 12:36

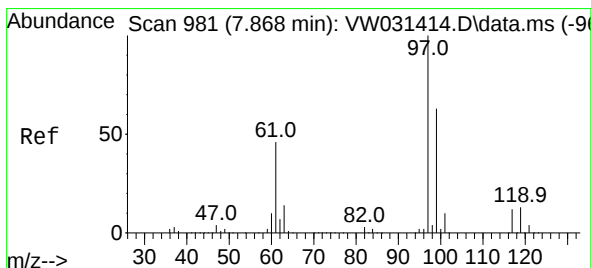
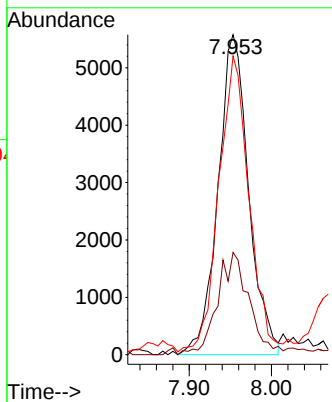
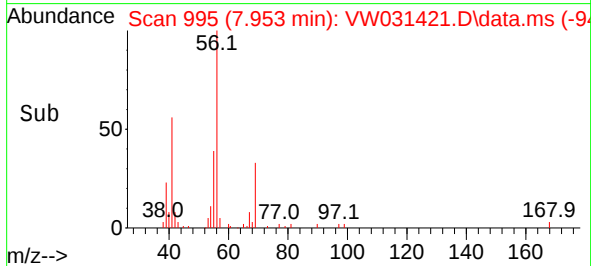
Instrument :
MSVOA_W
ClientSampleId :
MDL05



Tgt Ion: 56 Resp: 1444
Ion Ratio Lower Upper
56 100
69 32.8 25.0 37.4
84 90.8 68.9 103.3

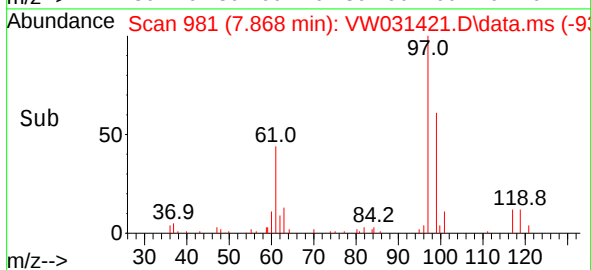
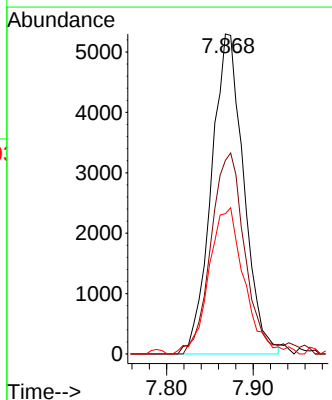
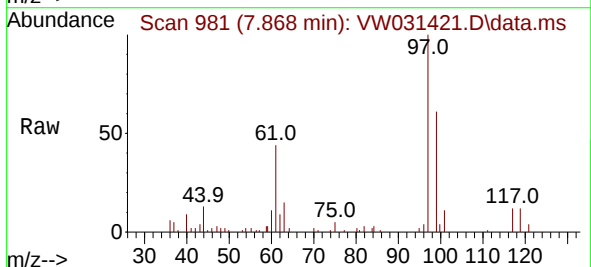
Manual Integrations
APPROVED

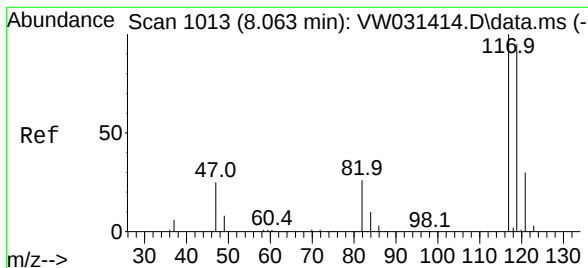
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#30
1,1,1-Trichloroethane
Concen: 1.086 ug/L
RT: 7.868 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW031421.D
Acq: 20 Dec 2024 12:36

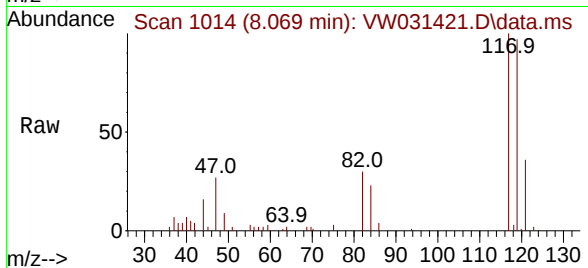
Tgt Ion: 97 Resp: 13745
Ion Ratio Lower Upper
97 100
99 65.4 51.1 76.7
61 49.6 36.3 54.5





#31
Carbon tetrachloride
Concen: 1.015 ug/L
RT: 8.069 min Scan# 1013
Delta R.T. 0.006 min
Lab File: VW031421.D
Acq: 20 Dec 2024 12:36

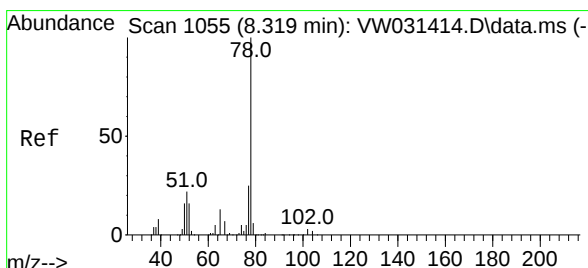
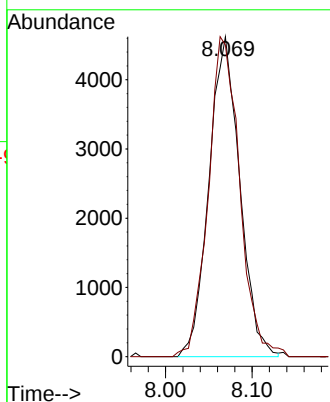
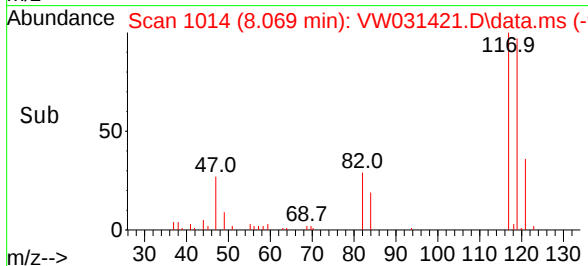
Instrument :
MSVOA_W
ClientSampleId :
MDL05



Tgt Ion:117 Resp: 1143
Ion Ratio Lower Upper
117 100
119 101.0 76.0 114.0

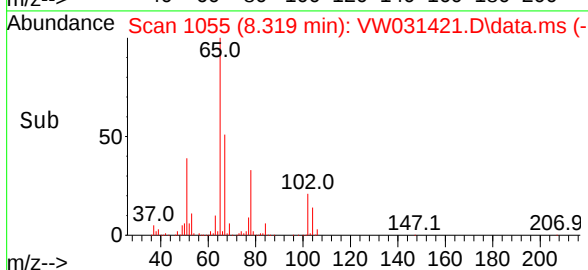
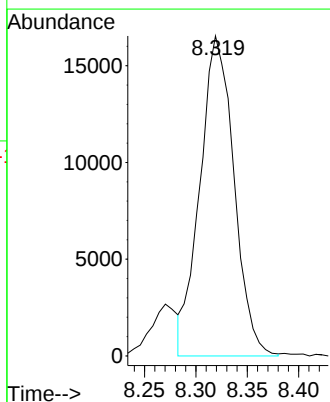
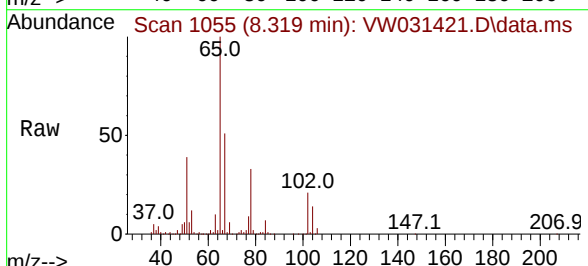
Manual Integrations
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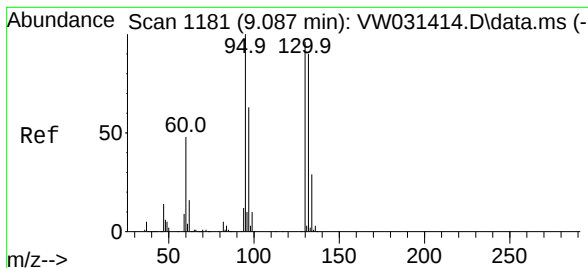
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#33
Benzene
Concen: 1.258 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031421.D
Acq: 20 Dec 2024 12:36

Tgt Ion: 78 Resp: 38047





#34

Trichloroethene

Concen: 1.213 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW031421.D

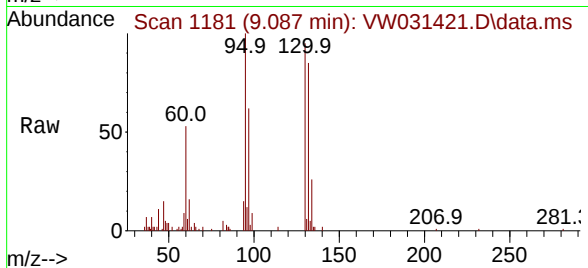
Acq: 20 Dec 2024 12:36

Instrument :

MSVOA_W

ClientSampleId :

MDL05



Tgt Ion: 95 Resp: 10360

Ion Ratio Lower Upper

95 100

97 62.3 46.5 86.3

132 84.7 70.3 130.5

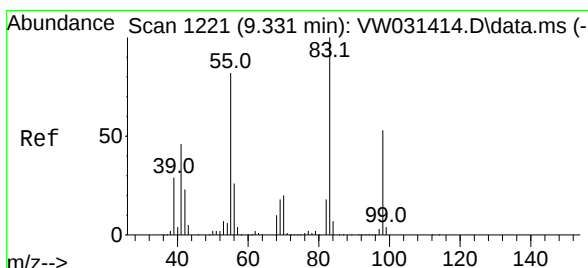
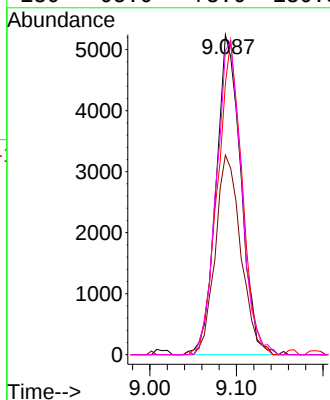
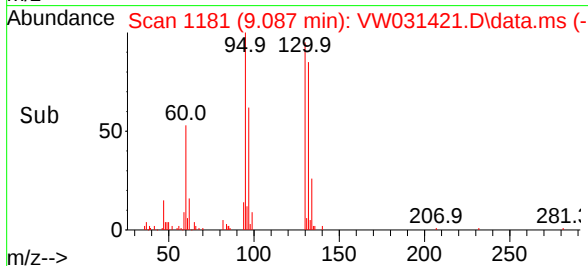
130 95.0 73.6 136.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/23/2024



#35

Methylcyclohexane

Concen: 1.045 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW031421.D

Acq: 20 Dec 2024 12:36

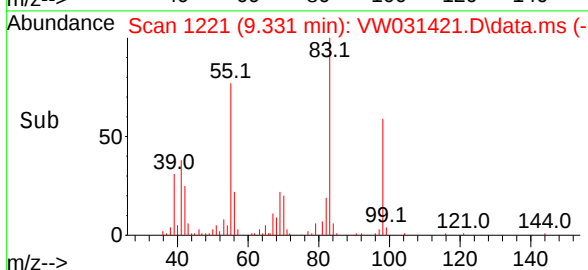
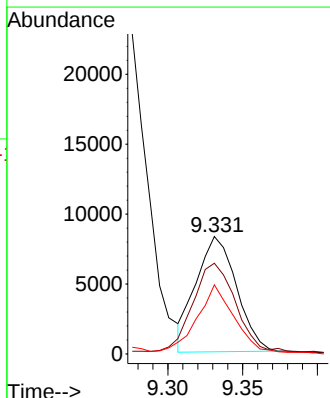
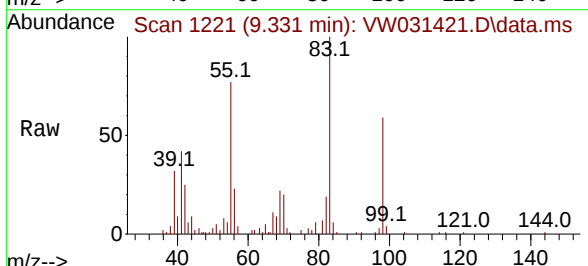
Tgt Ion: 83 Resp: 15546

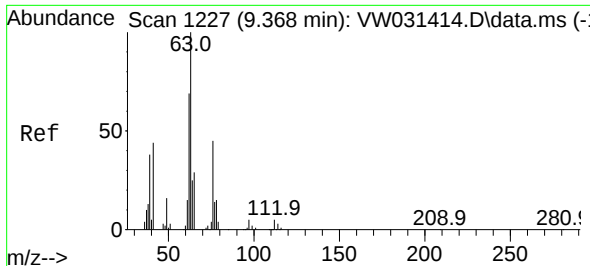
Ion Ratio Lower Upper

83 100

55 84.3 62.6 93.8

98 54.1 39.8 59.6





#37

1,2-Dichloropropane

Concen: 1.271 ug/L

RT: 9.362 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VW031421.D

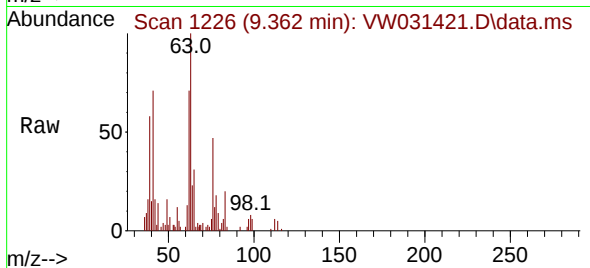
Acq: 20 Dec 2024 12:36

Instrument :

MSVOA_W

ClientSampleId :

MDL05



Tgt Ion: 63 Resp: 959

Ion Ratio Lower Upper

63 100

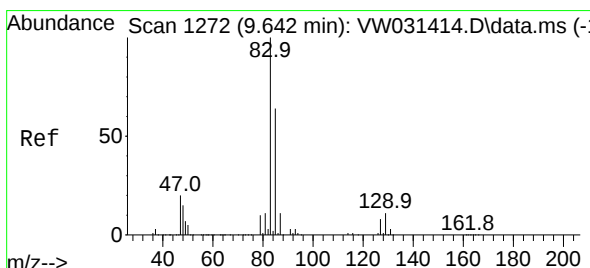
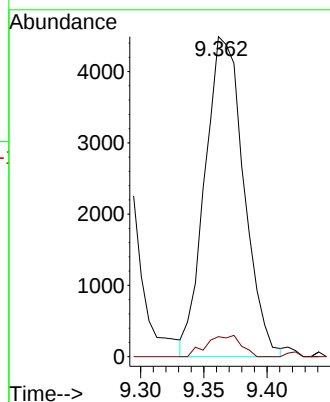
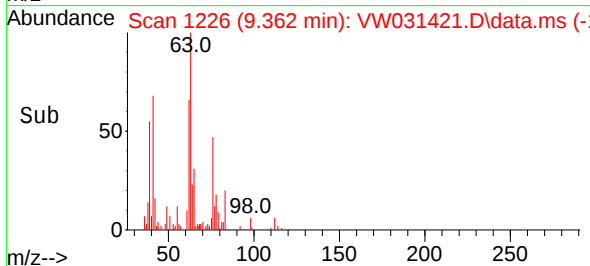
112 5.9 3.8 5.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/23/2024



#38

Bromodichloromethane

Concen: 1.151 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031421.D

Acq: 20 Dec 2024 12:36

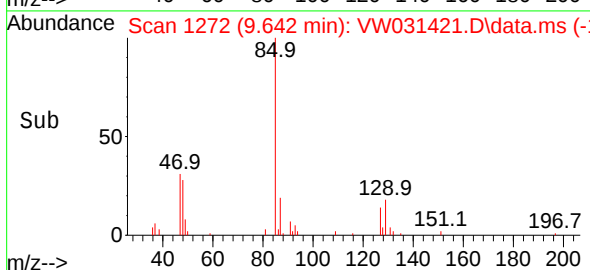
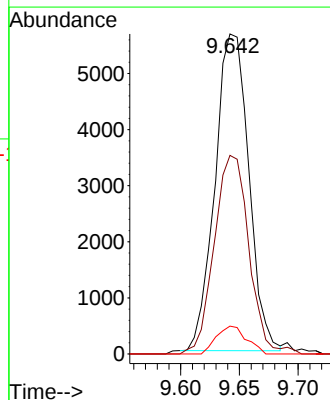
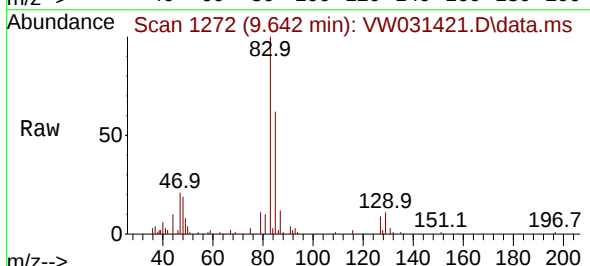
Tgt Ion: 83 Resp: 11292

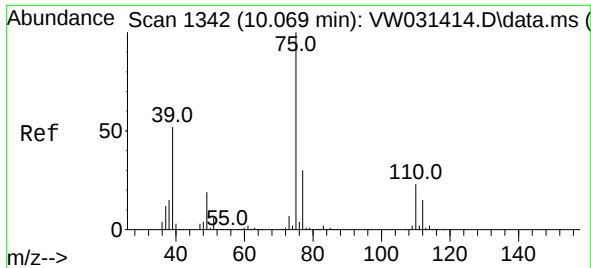
Ion Ratio Lower Upper

83 100

85 62.1 46.5 86.5

127 8.7 6.2 9.4





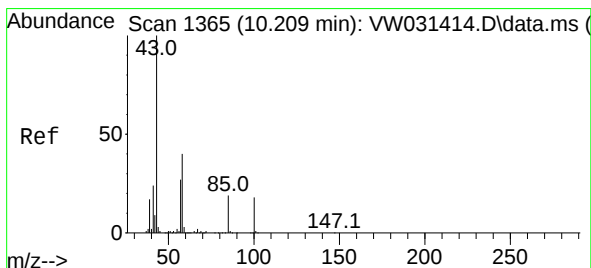
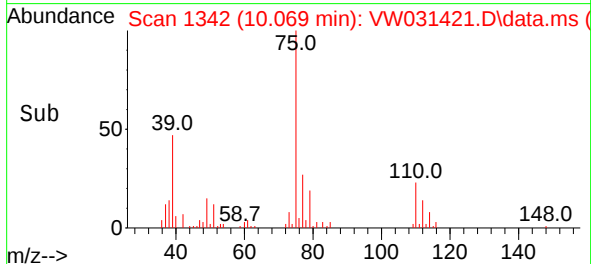
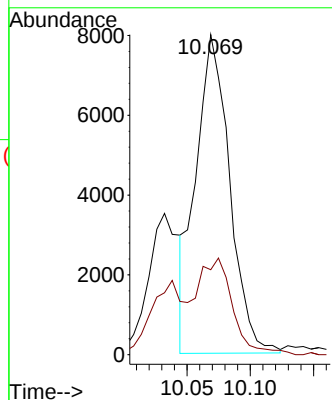
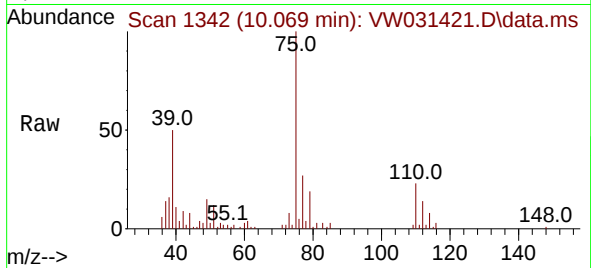
#39
cis-1,3-Dichloropropene
Concen: 1.162 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW031421.D
Acq: 20 Dec 2024 12:36

Instrument :
MSVOA_W
ClientSampleId :
MDL05

Tgt Ion: 75 Resp: 14815
Ion Ratio Lower Upper
75 100
77 26.5 21.8 40.4

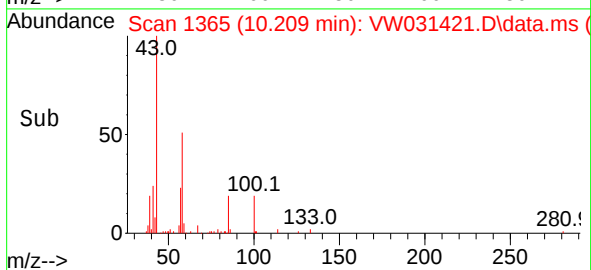
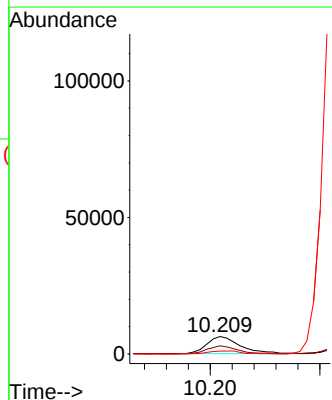
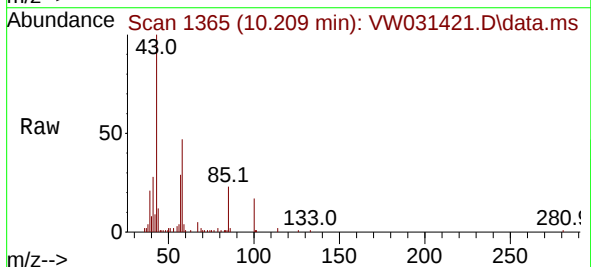
Manual Integrations
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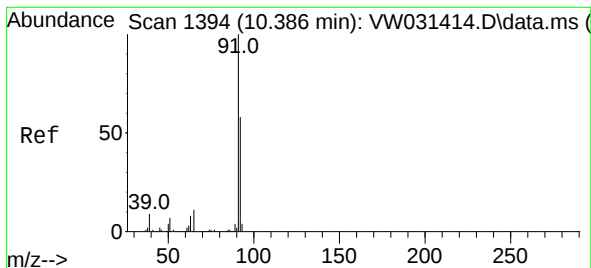
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#40
4-Methyl-2-pentanone
Concen: 3.233 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW031421.D
Acq: 20 Dec 2024 12:36

Tgt Ion: 43 Resp: 12941
Ion Ratio Lower Upper
43 100
58 44.8 31.1 46.7
100 16.6 13.0 19.6





#42

Toluene

Concen: 1.264 ug/L

RT: 10.386 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031421.D

Acq: 20 Dec 2024 12:36

Instrument :

MSVOA_W

ClientSampleId :

MDL05

Tgt Ion: 91 Resp: 41610

Ion Ratio Lower Upper

91 100

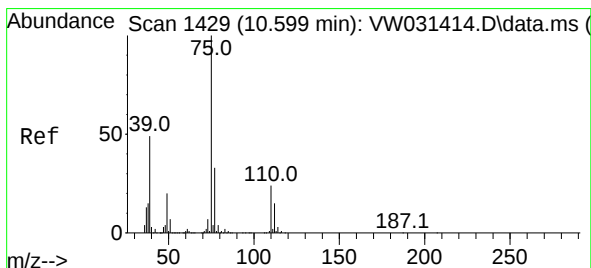
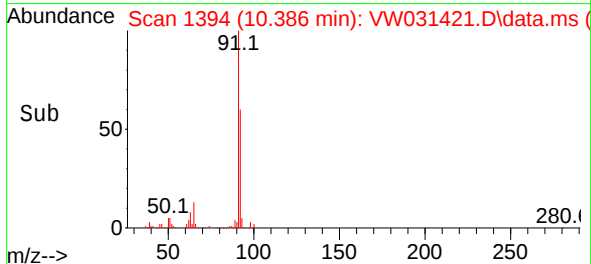
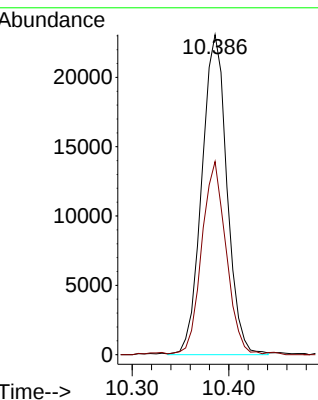
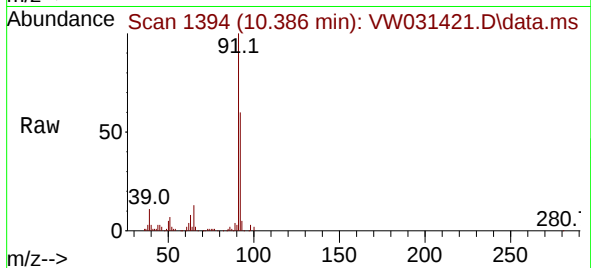
92 60.4 40.3 74.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/23/2024



#44

trans-1,3-Dichloropropene

Concen: 1.497 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VW031421.D

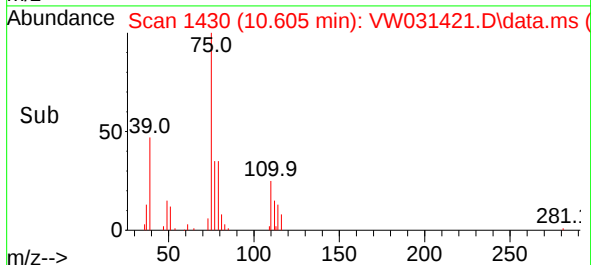
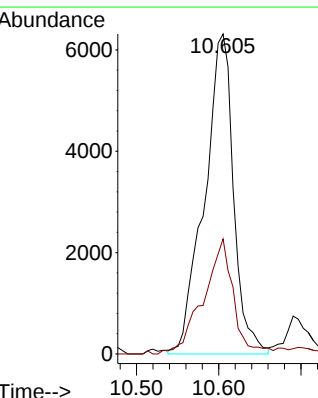
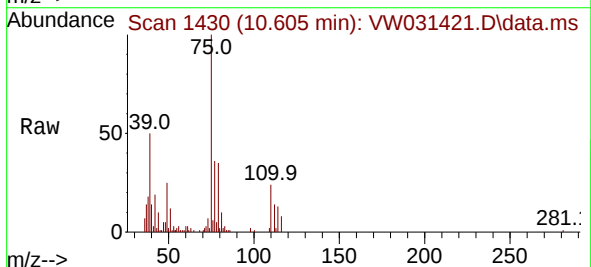
Acq: 20 Dec 2024 12:36

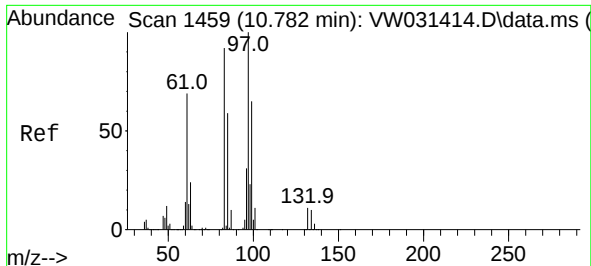
Tgt Ion: 75 Resp: 15587

Ion Ratio Lower Upper

75 100

77 36.0 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 1.463 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW031421.D

Acq: 20 Dec 2024 12:36

Instrument :

MSVOA_W

ClientSampleId :

MDL05

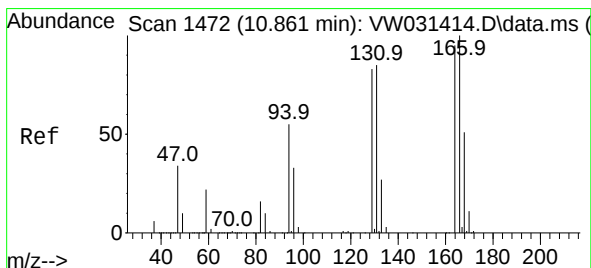
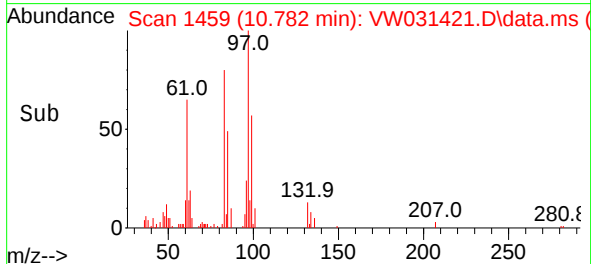
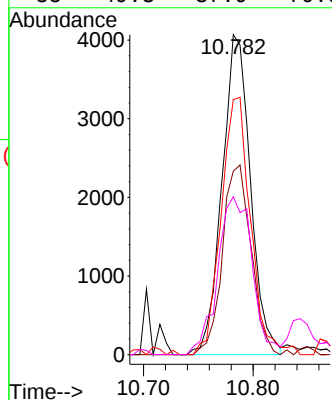
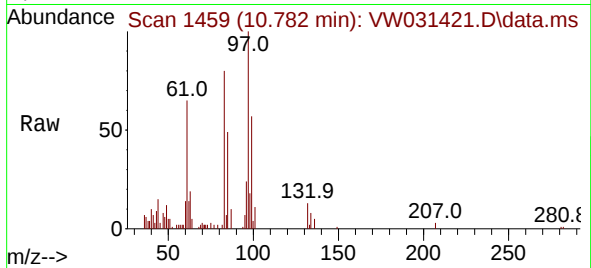
Tgt Ion: 97	Resp: 734
Ion Ratio	Lower Upper
97 100	
99 57.3	43.0 80.0
83 79.7	56.4 104.7
85 49.3	37.9 70.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/23/2024



#46

Tetrachloroethene

Concen: 1.218 ug/L

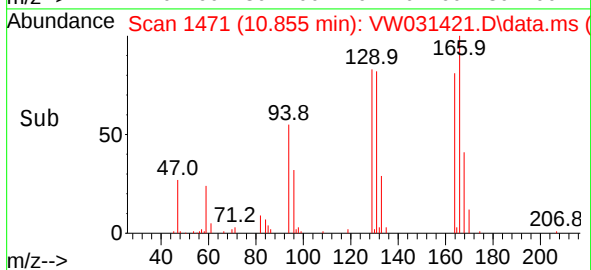
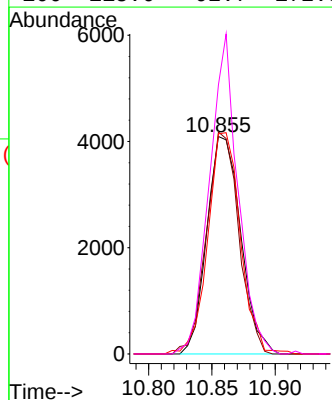
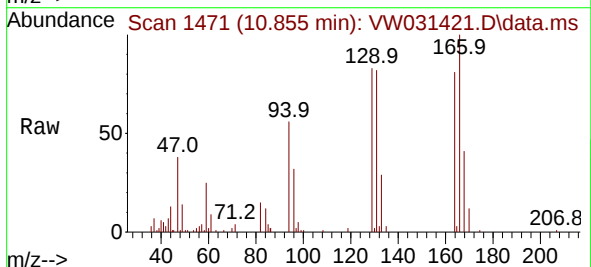
RT: 10.855 min Scan# 1471

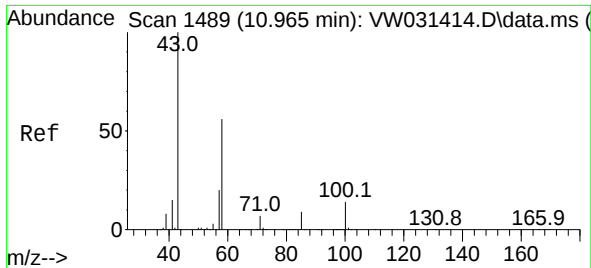
Delta R.T. -0.006 min

Lab File: VW031421.D

Acq: 20 Dec 2024 12:36

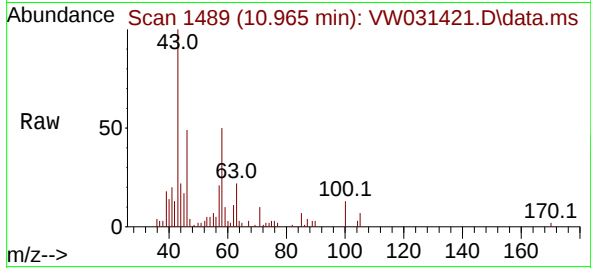
Tgt Ion: 164	Resp: 7620
Ion Ratio	Lower Upper
164 100	
129 97.9	73.5 136.5
131 97.1	66.6 123.8
166 118.6	92.7 172.3





#48
2-Hexanone
Concen: 2.106 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031421.D
Acq: 20 Dec 2024 12:36

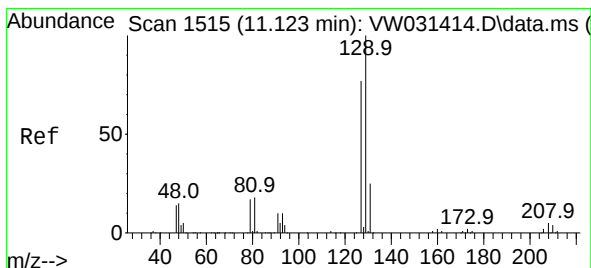
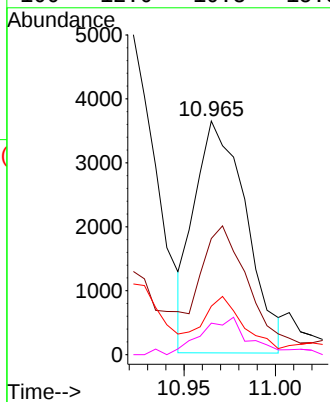
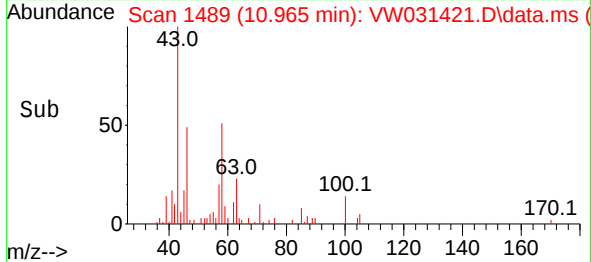
Instrument :
MSVOA_W
ClientSampleId :
MDL05



Tgt Ion: 43 Resp: 7169
Ion Ratio Lower Upper
43 100
58 51.2 43.0 64.6
57 17.4 15.7 23.5
100 12.0 10.3 15.5

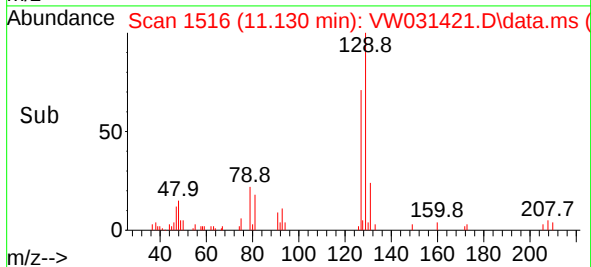
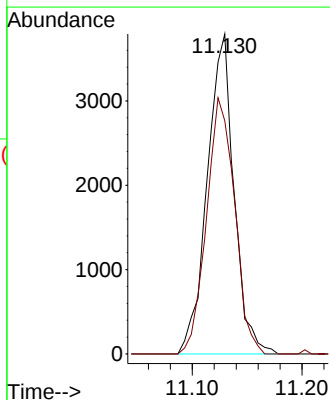
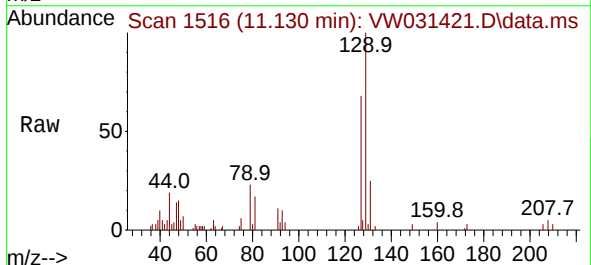
Manual Integrations
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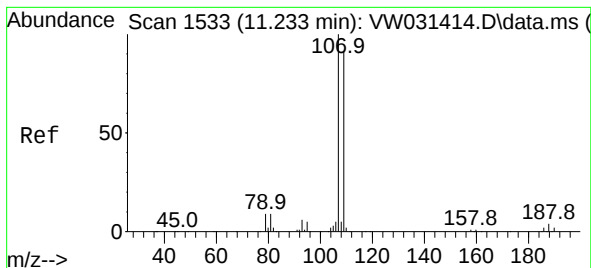
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#49
Dibromochloromethane
Concen: 1.082 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW031421.D
Acq: 20 Dec 2024 12:36

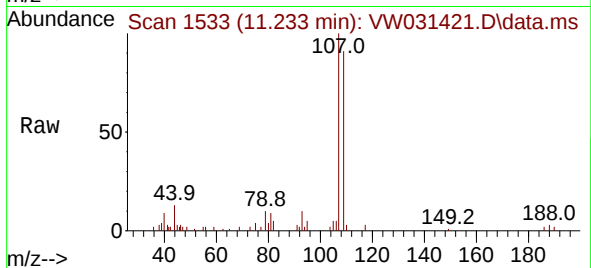
Tgt Ion:129 Resp: 6436
Ion Ratio Lower Upper
129 100
127 72.9 57.6 107.0





#50
1,2-Dibromoethane
Concen: 1.403 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW031421.D
Acq: 20 Dec 2024 12:36

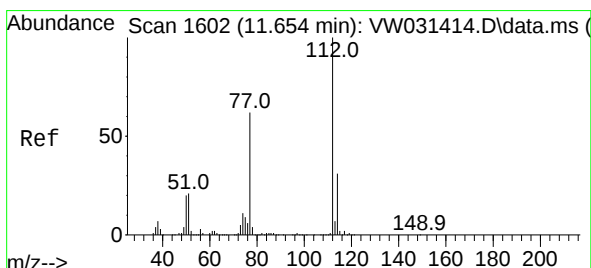
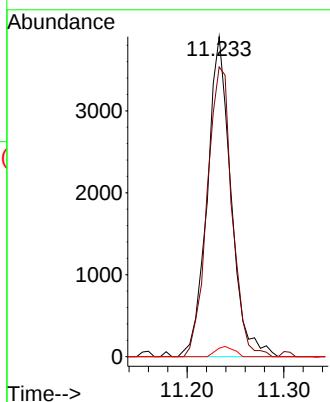
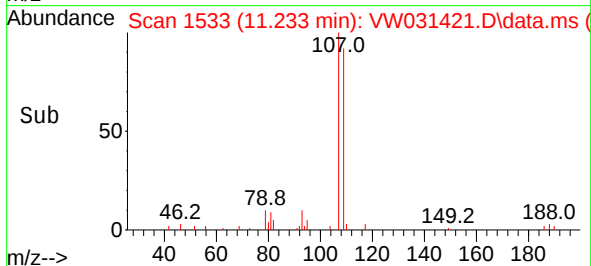
Instrument :
MSVOA_W
ClientSampleId :
MDL05



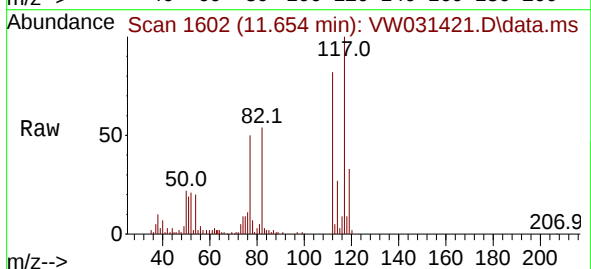
Tgt Ion:107 Resp: 6670
Ion Ratio Lower Upper
107 100
109 90.6 63.2 117.4
188 2.7 2.6 4.0

Manual Integrations
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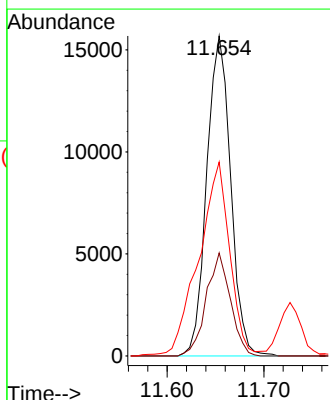
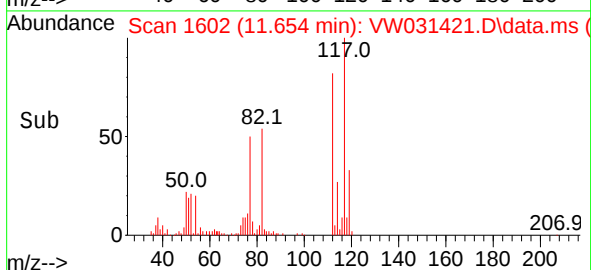
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024

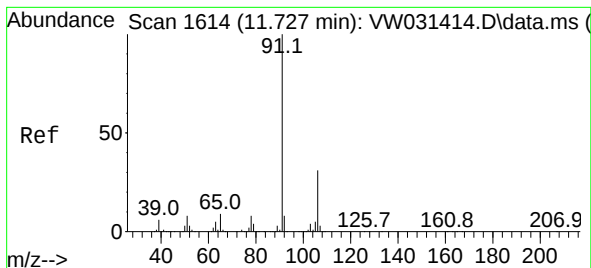


#51
Chlorobenzene
Concen: 1.303 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW031421.D
Acq: 20 Dec 2024 12:36



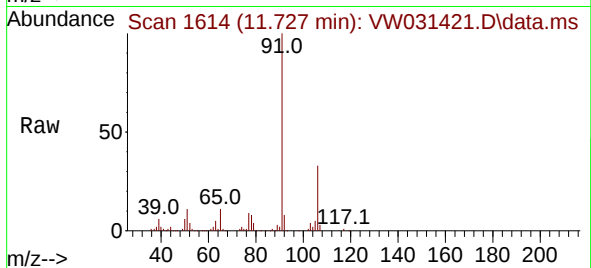
Tgt Ion:112 Resp: 26903
Ion Ratio Lower Upper
112 100
114 32.2 22.7 42.3
77 60.6 50.2 75.4





#52
Ethylbenzene
Concen: 1.191 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031421.D
Acq: 20 Dec 2024 12:36

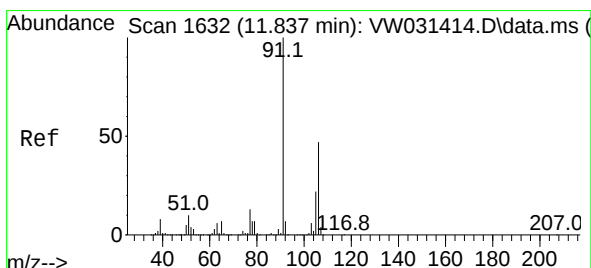
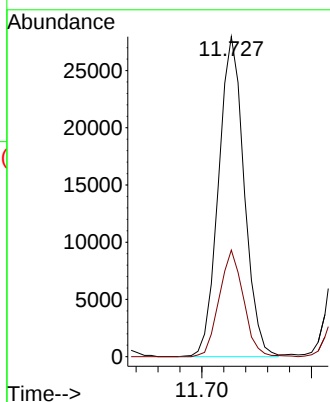
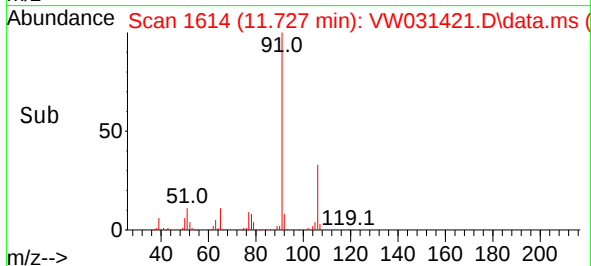
Instrument :
MSVOA_W
ClientSampleId :
MDL05



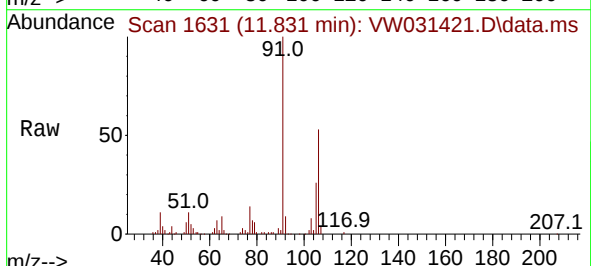
Tgt Ion: 91 Resp: 45459
Ion Ratio Lower Upper
91 100
106 33.3 20.7 38.5

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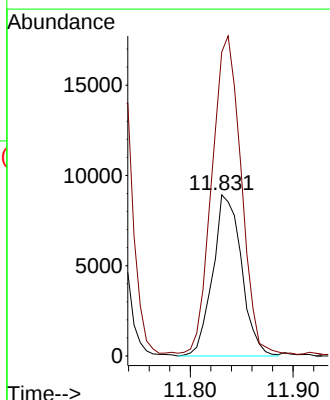
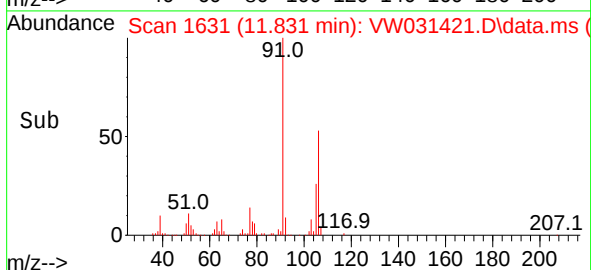
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024

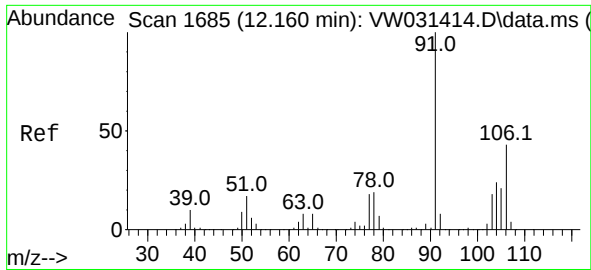


#53
m,p-Xylene
Concen: 1.192 ug/L
RT: 11.831 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW031421.D
Acq: 20 Dec 2024 12:36



Tgt Ion:106 Resp: 17313
Ion Ratio Lower Upper
106 100
91 188.6 139.9 259.7





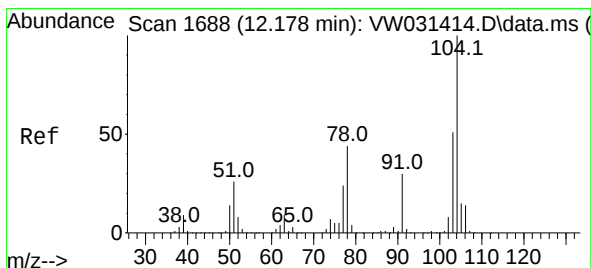
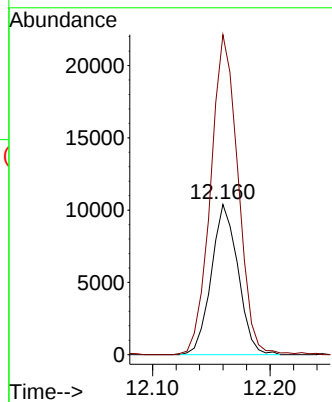
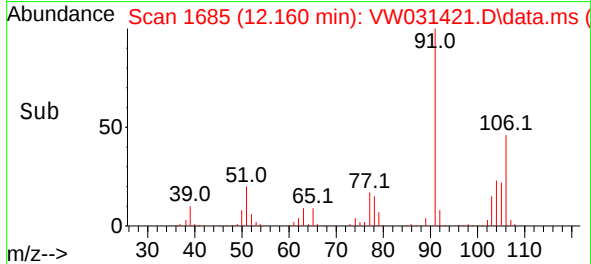
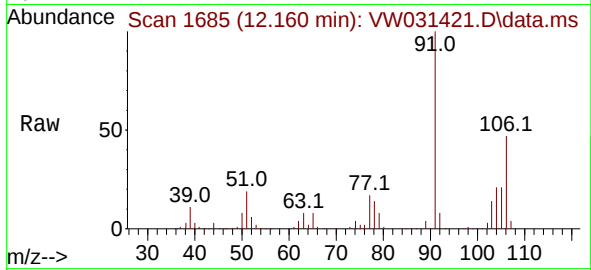
#54
o-Xylene
Concen: 1.200 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW031421.D
Acq: 20 Dec 2024 12:36

Instrument :
MSVOA_W
ClientSampleId :
MDL05

Tgt Ion:106 Resp: 1643
Ion Ratio Lower Upper
106 100
91 212.9 153.1 284.3

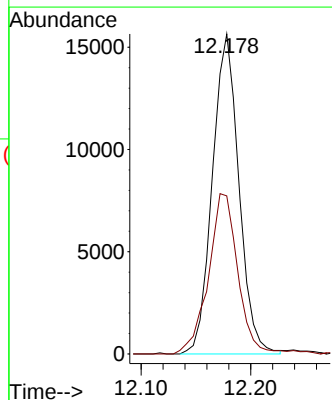
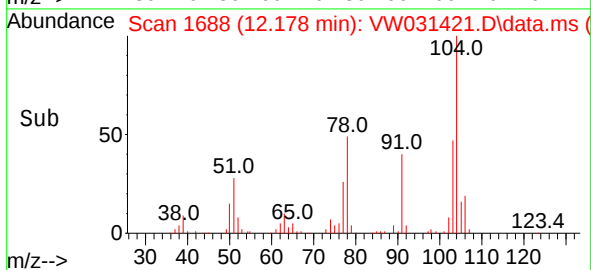
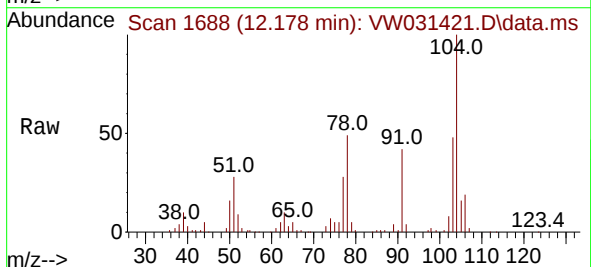
Manual Integrations
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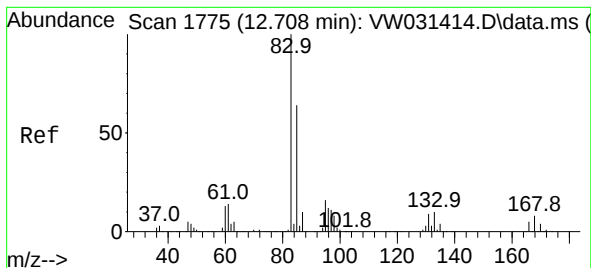
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#55
Styrene
Concen: 1.155 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031421.D
Acq: 20 Dec 2024 12:36

Tgt Ion:104 Resp: 26301
Ion Ratio Lower Upper
104 100
78 49.4 31.4 58.4





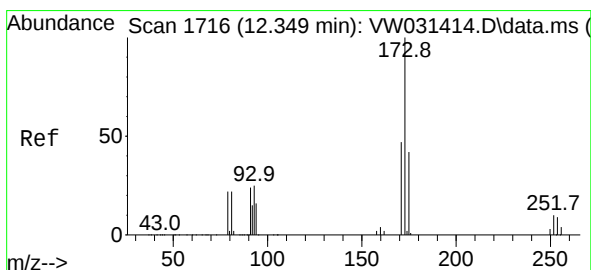
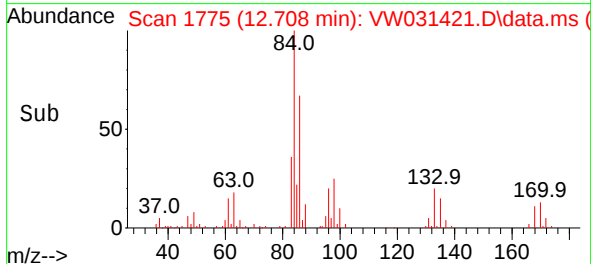
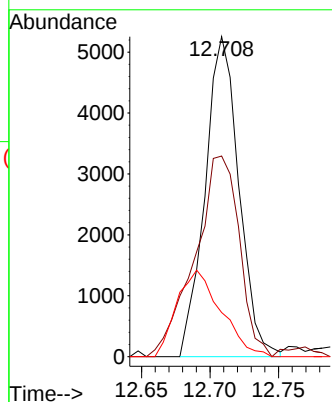
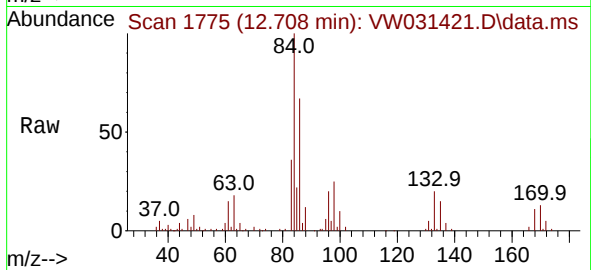
#57
1,1,2,2-Tetrachloroethane
Concen: 1.668 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW031421.D
Acq: 20 Dec 2024 12:36

Instrument :
MSVOA_W
ClientSampleId :
MDL05

Tgt Ion: 83 Resp: 902
Ion Ratio Lower Upper
83 100
85 62.7 44.1 81.9
131 13.8 7.9 11.9

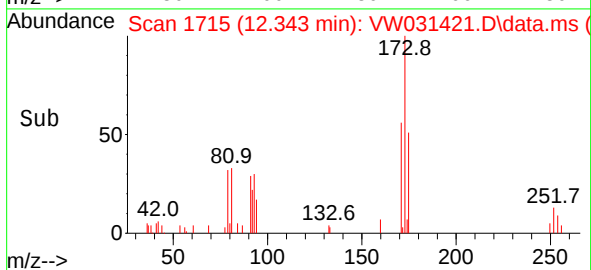
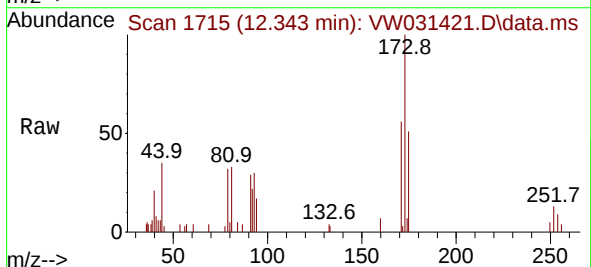
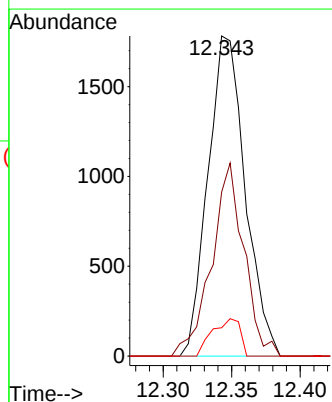
Manual Integrations
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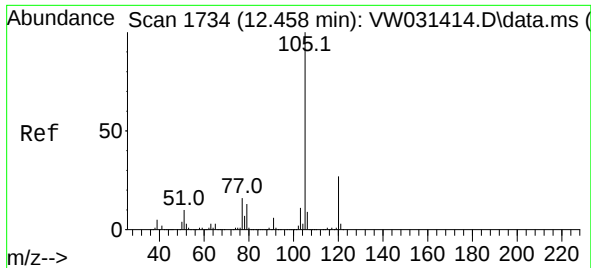
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#59
Bromoform
Concen: 0.990 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW031421.D
Acq: 20 Dec 2024 12:36

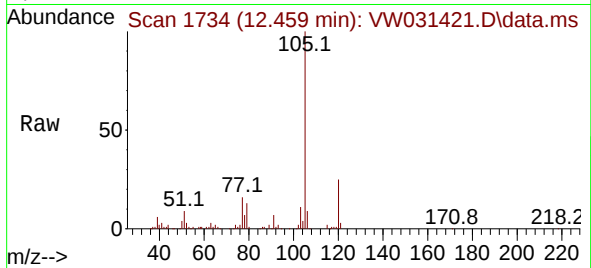
Tgt Ion:173 Resp: 3369
Ion Ratio Lower Upper
173 100
175 52.4 38.6 57.8
254 8.7 7.6 11.4





#60
Isopropylbenzene
Concen: 1.157 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW031421.D
Acq: 20 Dec 2024 12:36

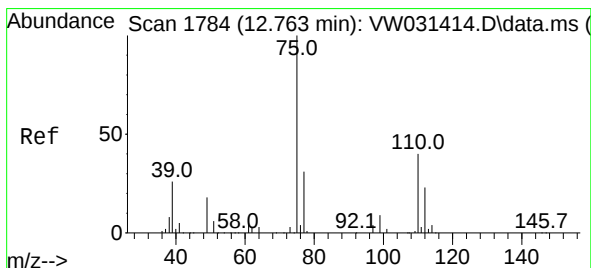
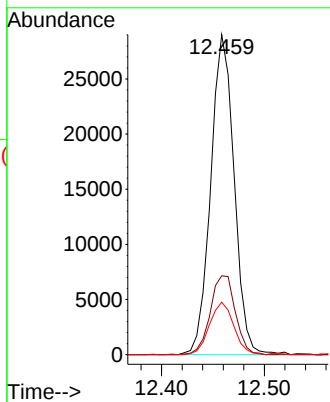
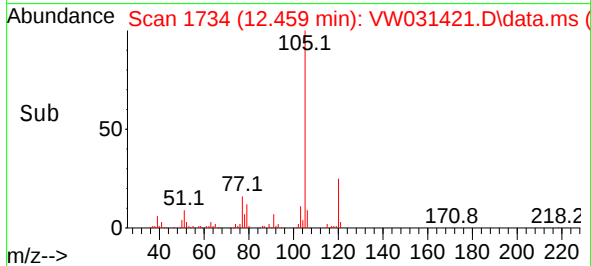
Instrument :
MSVOA_W
ClientSampleId :
MDL05



Tgt Ion:105 Resp: 4587
Ion Ratio Lower Upper
105 100
120 26.5 20.6 31.0
77 17.0 12.8 19.2

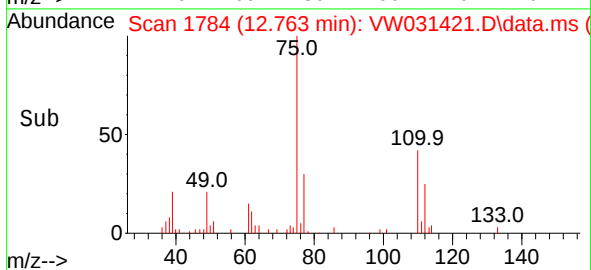
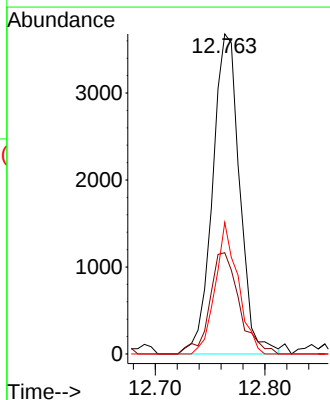
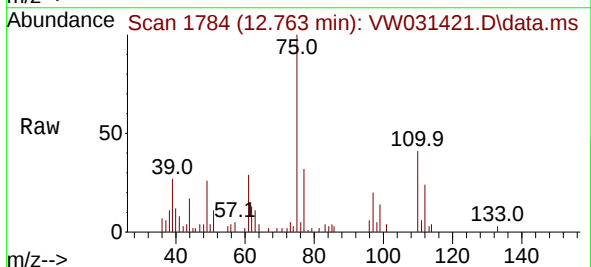
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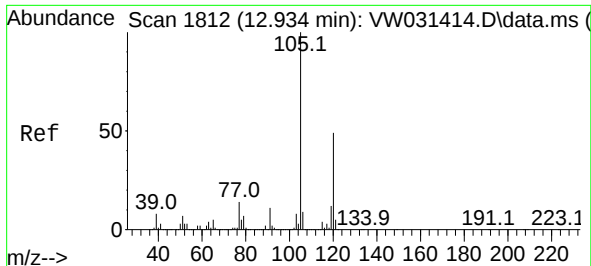
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#61
1,2,3-Trichloropropane
Concen: 1.525 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031421.D
Acq: 20 Dec 2024 12:36

Tgt Ion: 75 Resp: 6325
Ion Ratio Lower Upper
75 100
77 32.9 25.3 37.9
110 34.5 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 1.081 ug/L

RT: 12.940 min Scan# 1812

Delta R.T. 0.006 min

Lab File: VW031421.D

Acq: 20 Dec 2024 12:36

Instrument :

MSVOA_W

ClientSampleId :

MDL05

Tgt Ion:105 Resp: 3635

Ion Ratio Lower Upper

105 100

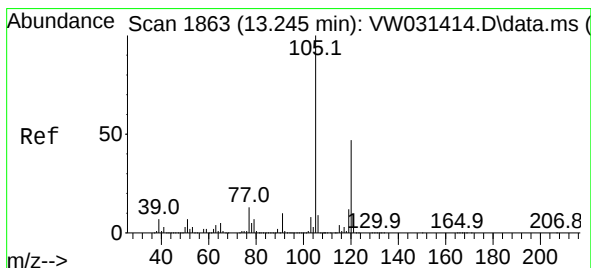
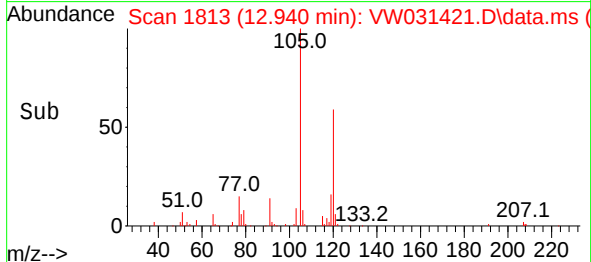
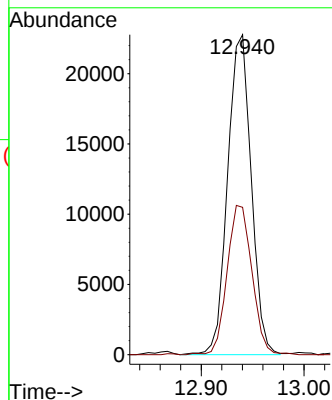
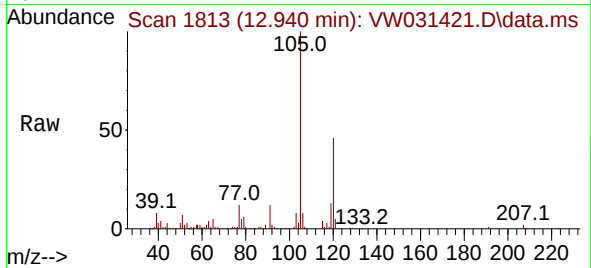
120 48.7 37.3 55.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/23/2024



#63

1,2,4-Trimethylbenzene

Concen: 1.028 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW031421.D

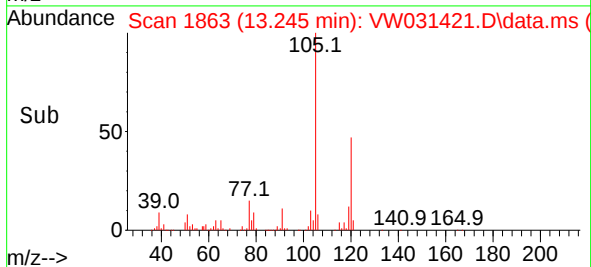
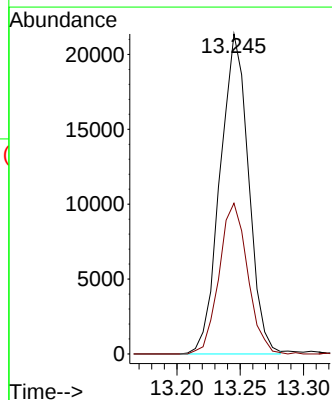
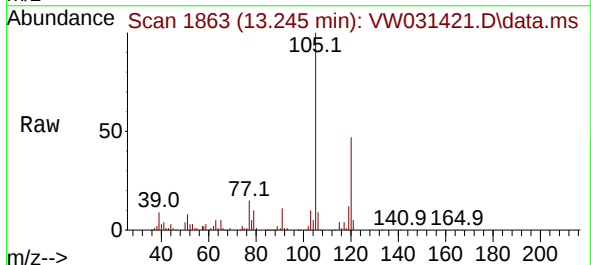
Acq: 20 Dec 2024 12:36

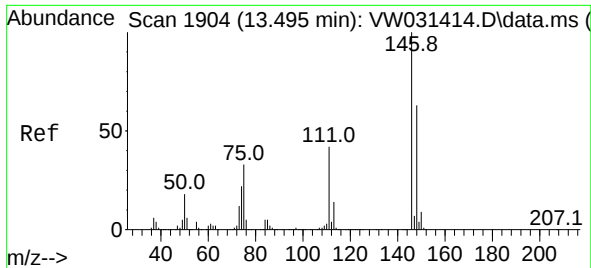
Tgt Ion:105 Resp: 33390

Ion Ratio Lower Upper

105 100

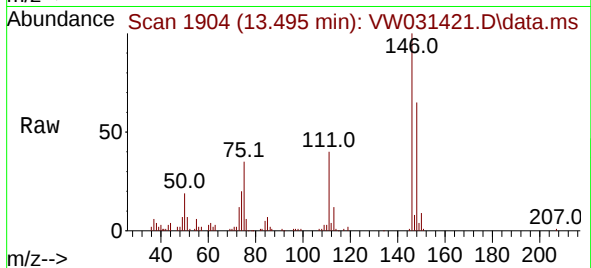
120 47.1 35.0 52.4





#64
1,3-Dichlorobenzene
Concen: 1.228 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031421.D
Acq: 20 Dec 2024 12:36

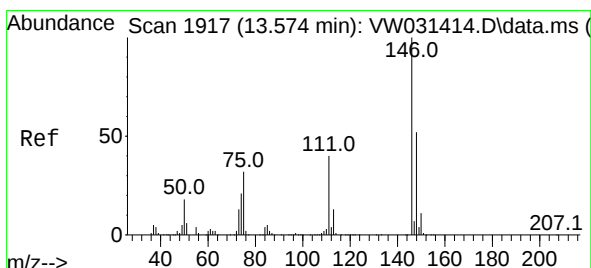
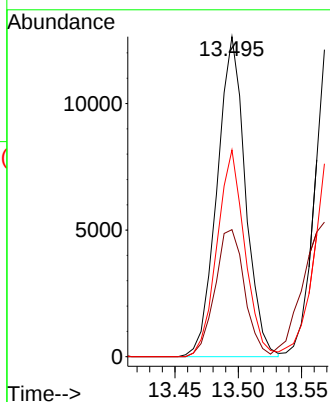
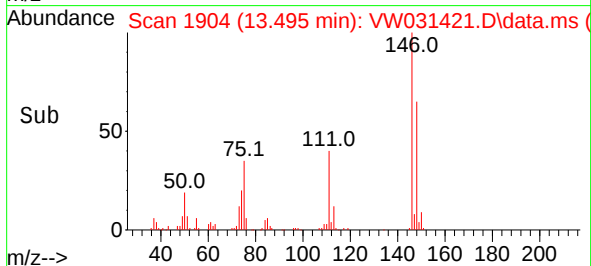
Instrument :
MSVOA_W
ClientSampleId :
MDL05



Tgt Ion:146 Resp: 19720
Ion Ratio Lower Upper
146 100
111 39.7 27.6 51.2
148 64.6 41.0 76.2

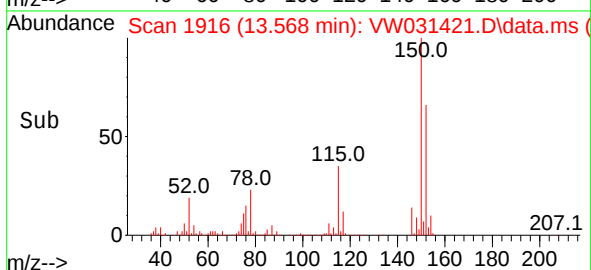
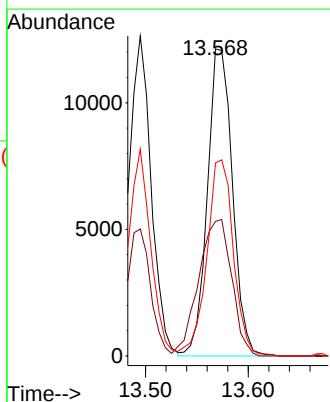
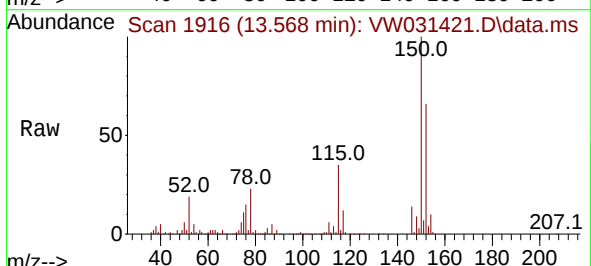
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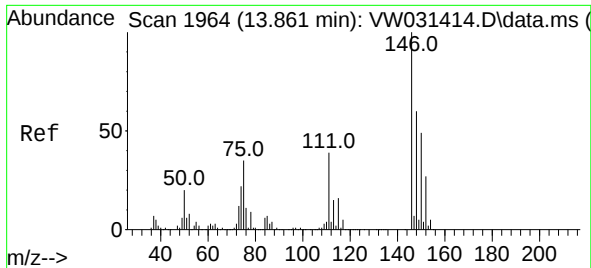
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#65
1,4-Dichlorobenzene
Concen: 1.295 ug/L
RT: 13.568 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VW031421.D
Acq: 20 Dec 2024 12:36

Tgt Ion:146 Resp: 20610
Ion Ratio Lower Upper
146 100
111 43.8 30.7 56.9
148 62.8 46.5 86.3





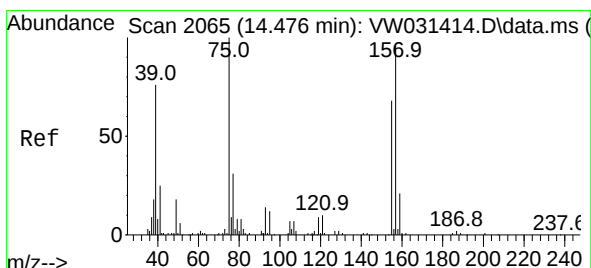
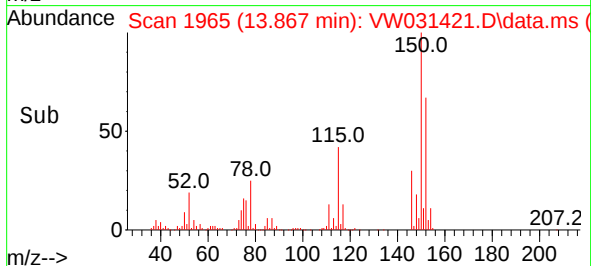
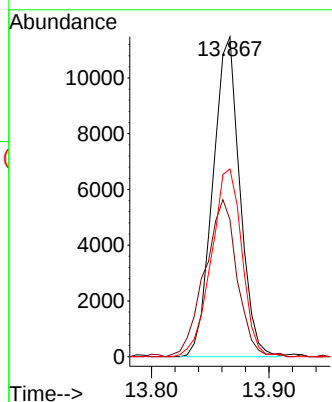
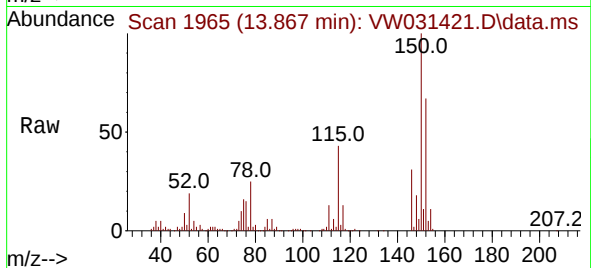
#67
1,2-Dichlorobenzene
Concen: 1.322 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.006 min
Lab File: VW031421.D
Acq: 20 Dec 2024 12:36

Instrument :
MSVOA_W
ClientSampleId :
MDL05

Tgt Ion:146 Resp: 18302
Ion Ratio Lower Upper
146 100
111 42.8 38.6 58.0
148 58.7 53.6 80.4

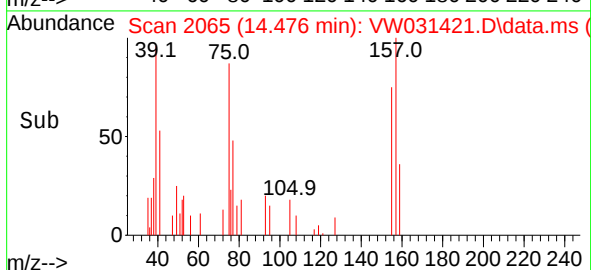
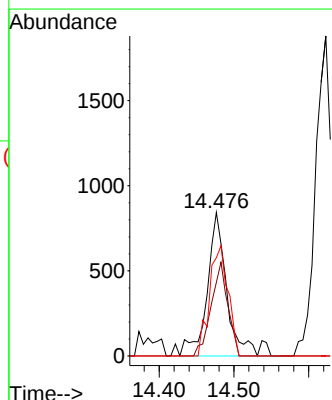
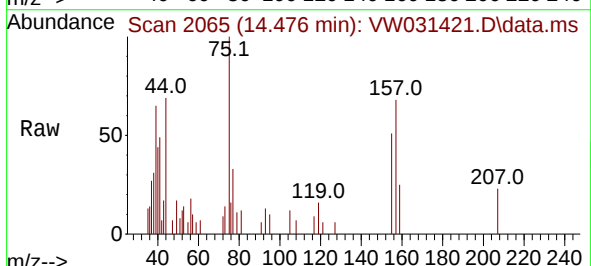
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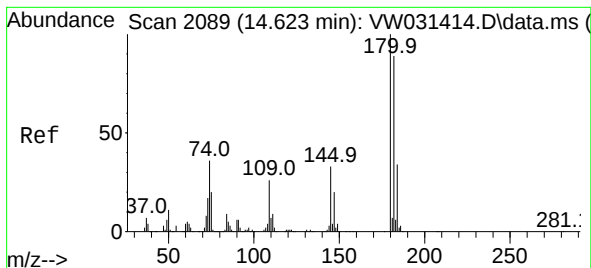
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#68
1,2-Dibromo-3-chloropropane
Concen: 1.501 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW031421.D
Acq: 20 Dec 2024 12:36

Tgt Ion: 75 Resp: 1580
Ion Ratio Lower Upper
75 100
155 51.4 56.6 85.0#
157 68.4 71.2 106.8#





#69

1,3,5-Trichlorobenzene

Concen: 1.236 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW031421.D

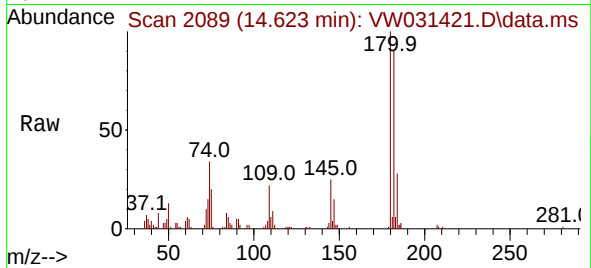
Acq: 20 Dec 2024 12:36

Instrument :

MSVOA_W

ClientSampleId :

MDL05



Tgt Ion:180 Resp: 1390

Ion Ratio Lower Upper

180 100

182 91.2 75.0 112.4

184 31.1 24.6 36.8

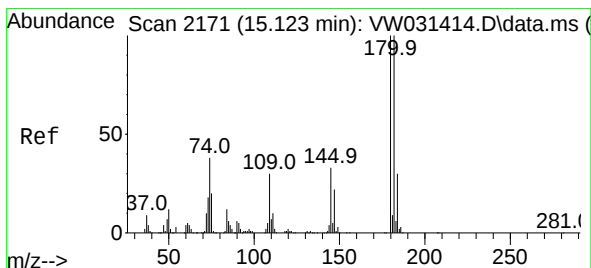
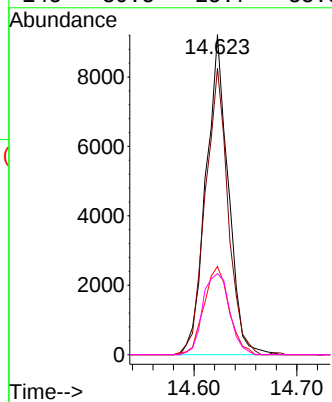
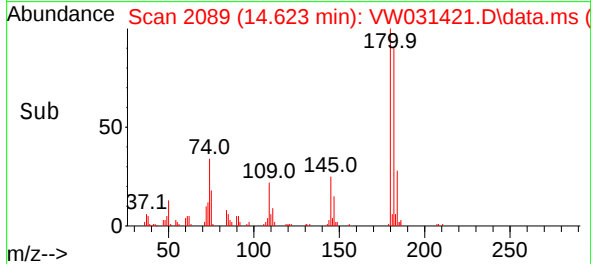
145 30.5 25.7 38.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/23/2024



#70

1,2,4-trichlorobenzene

Concen: 1.226 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW031421.D

Acq: 20 Dec 2024 12:36

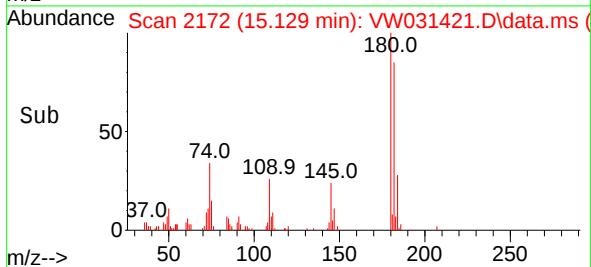
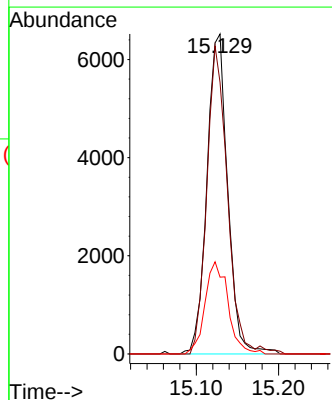
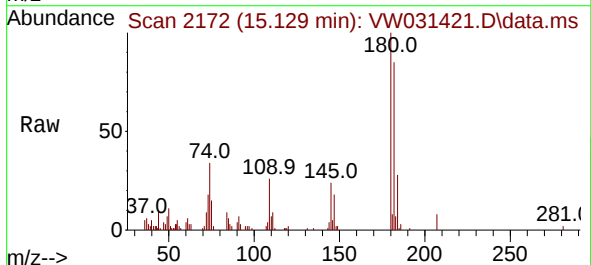
Tgt Ion:180 Resp: 11475

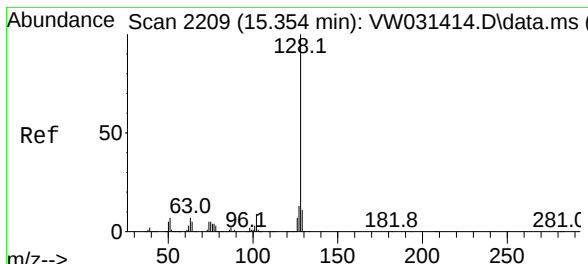
Ion Ratio Lower Upper

180 100

182 93.8 78.2 117.2

145 31.7 26.7 40.1



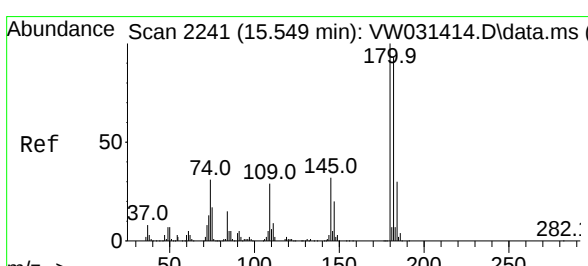
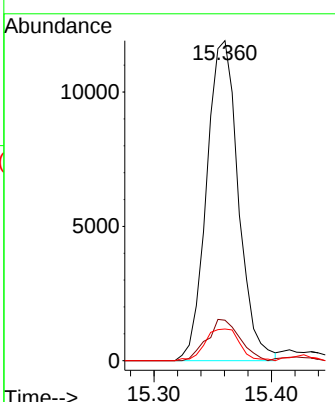
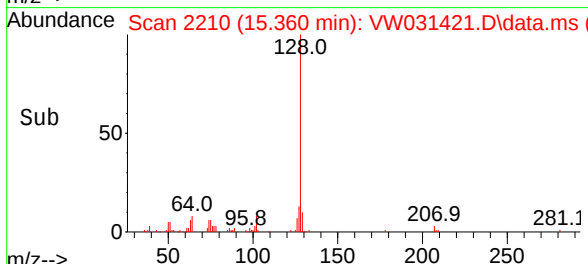
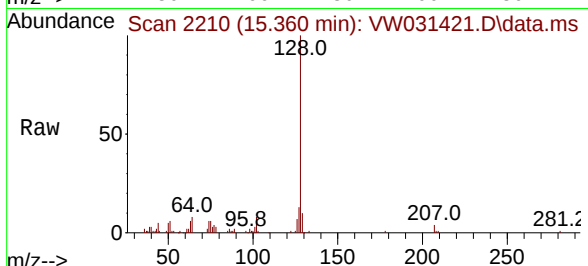


#71
Naphthalene
Concen: 1.366 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VW031421.D
Acq: 20 Dec 2024 12:36

Instrument : MSVOA_W
ClientSampleId : MDL05

Tgt Ion:	128	Resp:	22409
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.7	16.1
129	10.7	8.6	13.0

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Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#72
1,2,3-Trichlorobenzene
Concen: 1.373 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW031421.D
Acq: 20 Dec 2024 12:36

Tgt Ion:	180	Resp:	10352
Ion Ratio	Lower	Upper	
180	100		
182	94.2	75.0	112.4
145	36.1	27.8	41.6

