

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122024\
 Data File : VW031420.D
 Acq On : 20 Dec 2024 12:12
 Operator : SY/MD
 Sample : MDL04
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL04

Manual Integrations
 APPROVED

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

Quant Time: Dec 20 22:37:51 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	8.837	114	565788	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	512362	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	244177	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.356	65	154286	18.124	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.480%		
7) Chloroethane-d5	2.893	69	129545	20.572	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	82.280%		
11) 1,1-Dichloroethene-d2	4.014	65	69983	17.331	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	69.320%		
21) 2-Butanone-d5	7.093	46	72178	45.021	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	90.040%		
24) Chloroform-d	7.648	84	308257	19.885	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	79.520%		
26) 1,2-Dichloroethane-d4	8.300	65	174533	22.418	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	89.680%		
32) Benzene-d6	8.270	84	626371	19.074	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	76.280%		
36) 1,2-Dichloropropane-d6	9.270	67	186161	19.451	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	77.800%		
41) Toluene-d8	10.318	98	566168	18.532	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	74.120%		
43) trans-1,3-Dichloroprop...	10.574	79	73553	16.667	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	66.680%		
47) 2-Hexanone-d5	10.922	63	56165	43.636	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	87.280%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	138314	23.017	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	92.080%		
66) 1,2-Dichlorobenzene-d4	13.848	152	187171	20.648	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	82.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	4159	0.813	ug/L	94
3) Chloromethane	2.216	50	8041	1.400	ug/L	99
5) Vinyl chloride	2.368	62	10608m	1.333	ug/L	
6) Bromomethane	2.789	94	6680	1.365	ug/L	96
8) Chloroethane	2.929	64	6900	1.457	ug/L	95
9) Trichlorofluoromethane	3.259	101	9921	1.170	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	10800m	1.577	ug/L	
12) 1,1-Dichloroethene	4.039	96	9470	1.365	ug/L #	1
14) Carbon disulfide	4.380	76	21323	0.943	ug/L	100
15) Methyl Acetate	4.691	43	6108m	2.409	ug/L	
17) trans-1,2-Dichloroethene	5.435	96	9142	1.223	ug/L	87
18) Methyl tert-butyl Ether	5.429	73	16489	1.319	ug/L #	67
19) 1,1-Dichloroethane	6.215	63	17727	1.269	ug/L	98
20) cis-1,2-Dichloroethene	7.166	96	10367	1.282	ug/L	90
22) 2-Butanone	7.197	43	9163m	3.387	ug/L	
23) Bromochloromethane	7.520	128	4589	1.422	ug/L	85
25) Chloroform	7.672	83	28326	2.054	ug/L	98
27) 1,2-Dichloroethane	8.398	62	12338	1.423	ug/L	96
29) Cyclohexane	7.953	56	14387	1.035	ug/L	96

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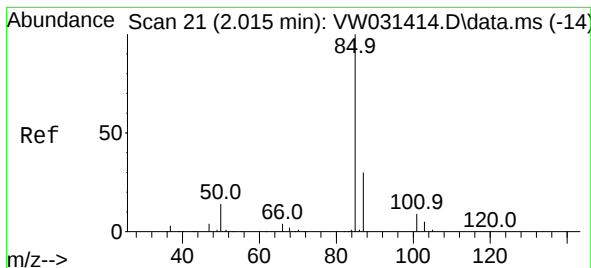
Manual Integrations
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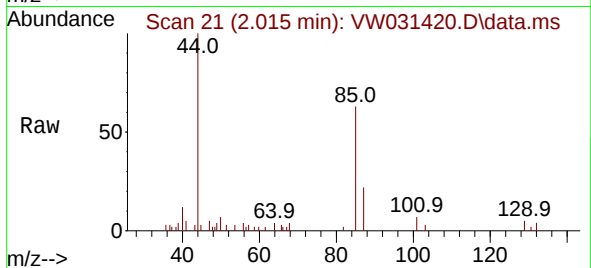
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	7.867	97	13693m	1.034	ug/L	
31) Carbon tetrachloride	8.063	117	11635	0.986	ug/L	99
33) Benzene	8.325	78	39787	1.257	ug/L	100
34) Trichloroethene	9.087	95	10829	1.211	ug/L	84
35) Methylcyclohexane	9.331	83	17633	1.133	ug/L	95
37) 1,2-Dichloropropane	9.367	63	10422	1.319	ug/L	98
38) Bromodichloromethane	9.642	83	11866	1.156	ug/L	97
39) cis-1,3-Dichloropropene	10.074	75	13502	1.012	ug/L	99
40) 4-Methyl-2-pentanone	10.215	43	12786	3.051	ug/L	96
42) Toluene	10.385	91	42753	1.240	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	15534	1.425	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	7303	1.390	ug/L	90
46) Tetrachloroethene	10.861	164	7759	1.185	ug/L	86
48) 2-Hexanone	10.971	43	6523	1.830	ug/L	92
49) Dibromochloromethane	11.129	129	6798	1.092	ug/L	93
50) 1,2-Dibromoethane	11.233	107	6816	1.369	ug/L	75
51) Chlorobenzene	11.653	112	27220	1.259	ug/L	98
52) Ethylbenzene	11.727	91	47838	1.197	ug/L	97
53) m,p-Xylene	11.836	106	18085	1.189	ug/L	92
54) o-Xylene	12.159	106	17143	1.196	ug/L	97
55) Styrene	12.178	104	27859	1.168	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	8636	1.525	ug/L #	97
59) Bromoform	12.348	173	3133	0.913	ug/L	95
60) Isopropylbenzene	12.458	105	47565	1.190	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	6380	1.527	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	35418	1.045	ug/L	91
63) 1,2,4-Trimethylbenzene	13.245	105	35623	1.088	ug/L	95
64) 1,3-Dichlorobenzene	13.494	146	20554	1.270	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	20141	1.256	ug/L	96
67) 1,2-Dichlorobenzene	13.860	146	18962	1.359	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	1541	1.453	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.622	180	13561	1.196	ug/L	95
70) 1,2,4-trichlorobenzene	15.122	180	11846	1.256	ug/L	93
71) Naphthalene	15.360	128	21641	1.309	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	10790	1.420	ug/L	98

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



#2
Dichlorodifluoromethane
Concen: 0.813 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

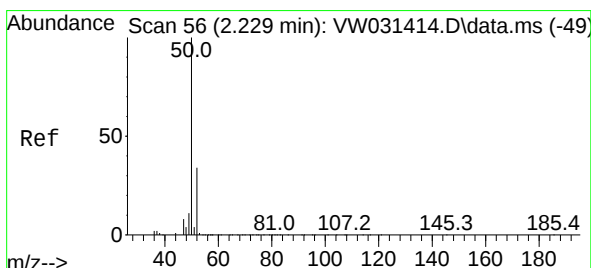
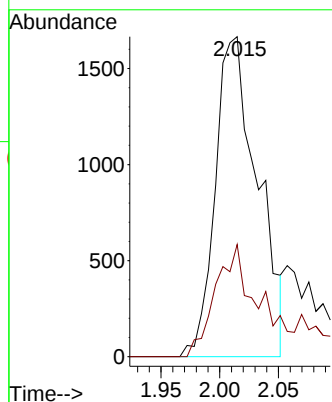
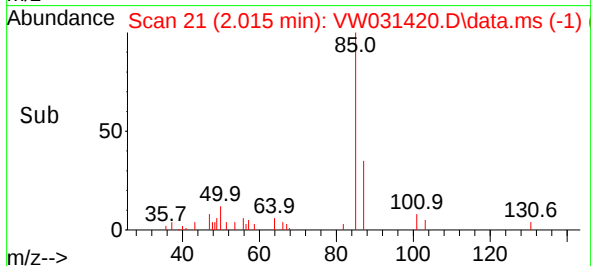
Instrument :
MSVOA_W
ClientSampleId :
MDL04



Tgt Ion: 85 Resp: 4159
Ion Ratio Lower Upper
85 100
87 27.6 24.9 37.3

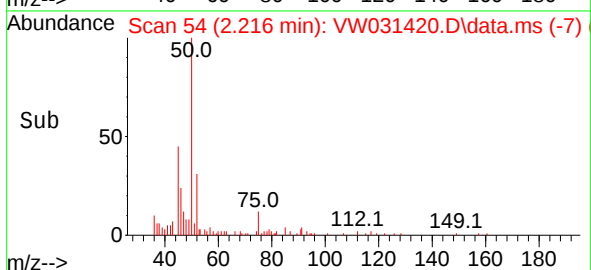
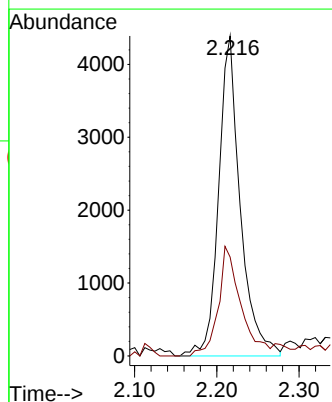
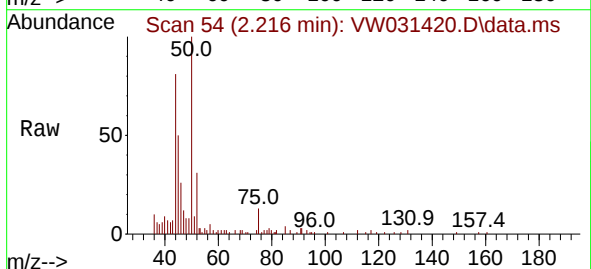
Manual Integrations
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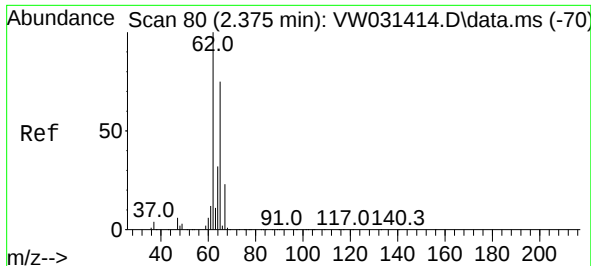
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#3
Chloromethane
Concen: 1.400 ug/L
RT: 2.216 min Scan# 54
Delta R.T. -0.013 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

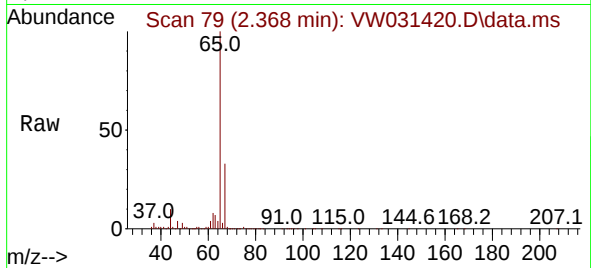
Tgt Ion: 50 Resp: 8041
Ion Ratio Lower Upper
50 100
52 30.9 22.0 41.0





#5
 Vinyl chloride
 Concen: 1.333 ug/L m
 RT: 2.368 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW031420.D
 Acq: 20 Dec 2024 12:12

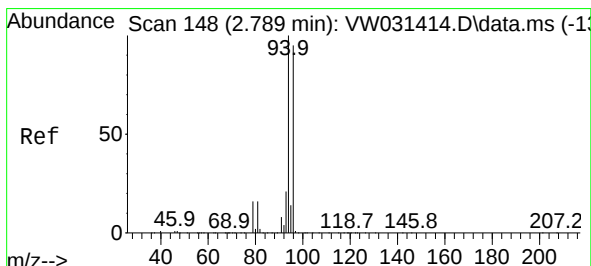
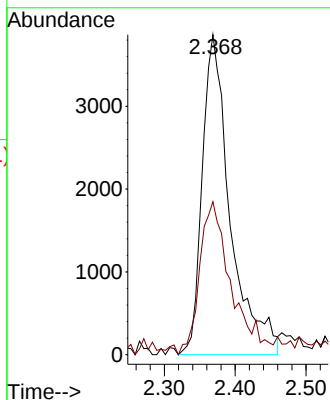
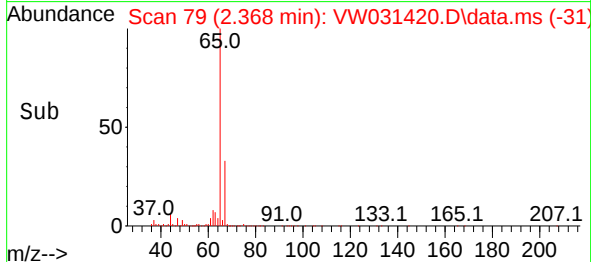
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL04



Tgt Ion: 62 Resp: 10608
 Ion Ratio Lower Upper
 62 100
 64 47.8 24.1 44.8

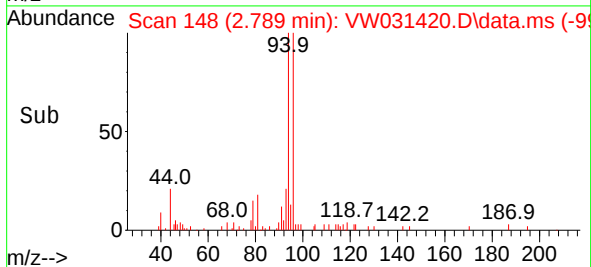
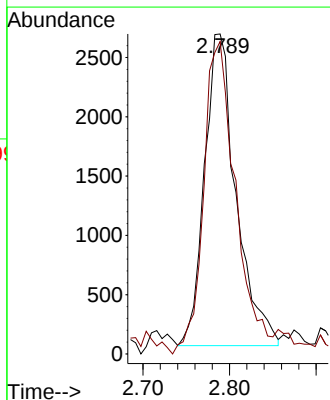
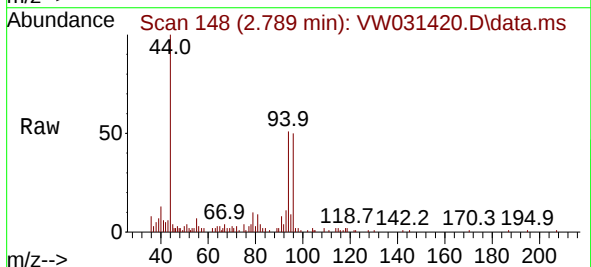
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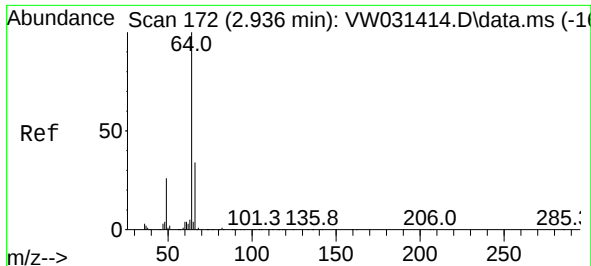
Reviewed By :Semsettin Yesilyurt 12/23/2024
 Supervised By :Mahesh Dadoda 12/23/2024



#6
 Bromomethane
 Concen: 1.365 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW031420.D
 Acq: 20 Dec 2024 12:12

Tgt Ion: 94 Resp: 6680
 Ion Ratio Lower Upper
 94 100
 96 97.6 65.6 121.8





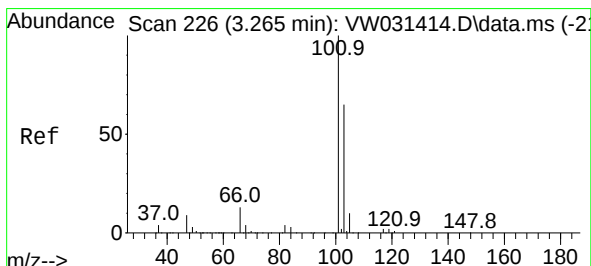
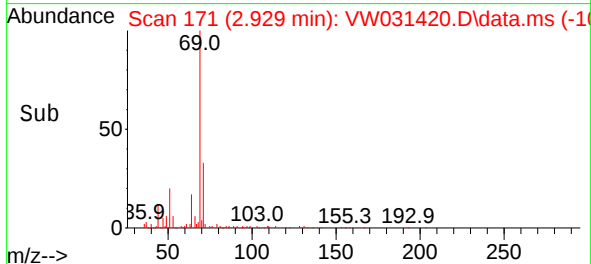
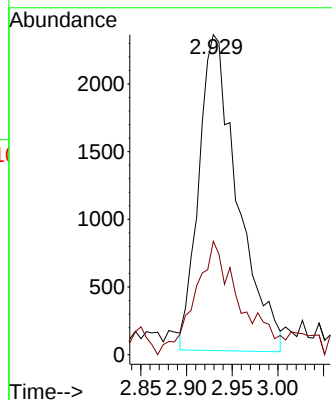
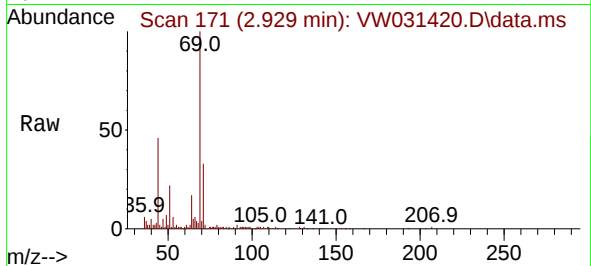
#8
Chloroethane
Concen: 1.457 ug/L
RT: 2.929 min Scan# 172
Delta R.T. -0.006 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

Instrument :
MSVOA_W
ClientSampleId :
MDL04

Tgt Ion: 64 Resp: 6900
Ion Ratio Lower Upper
64 100
66 35.4 22.7 42.3

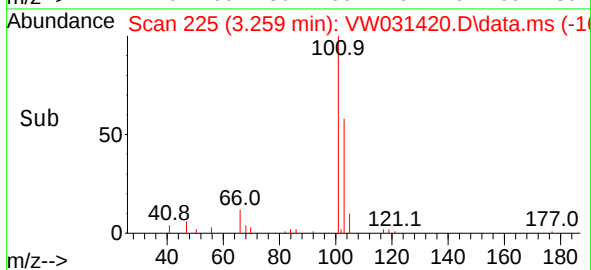
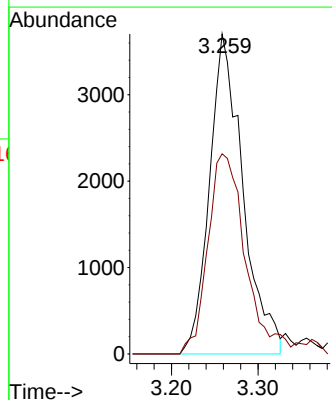
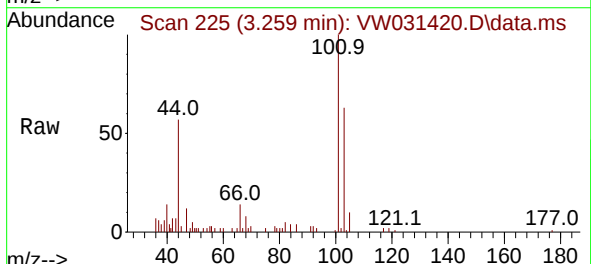
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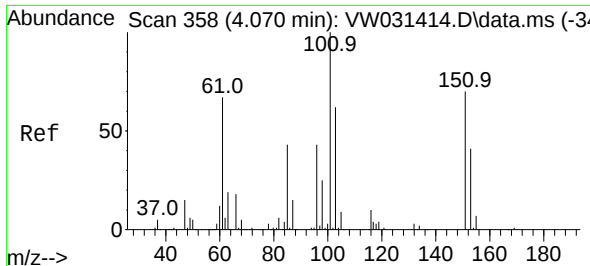
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#9
Trichlorofluoromethane
Concen: 1.170 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

Tgt Ion:101 Resp: 9921
Ion Ratio Lower Upper
101 100
103 67.3 51.6 77.4





#10

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

Concen: 1.577 ug/L m

RT: 4.069 min Scan# 358

Delta R.T. -0.000 min

Lab File: VW031420.D

Acq: 20 Dec 2024 12:12

Instrument :

MSVOA_W

ClientSampleId :

MDL04

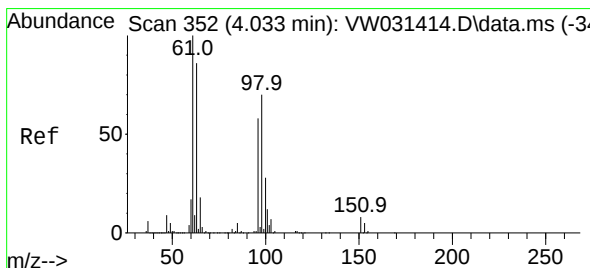
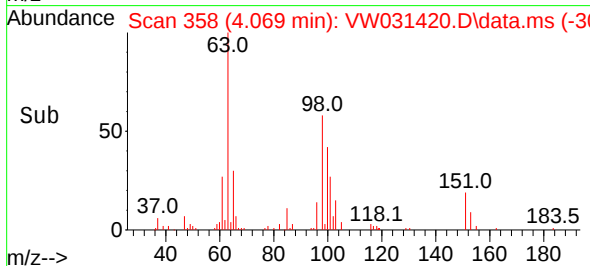
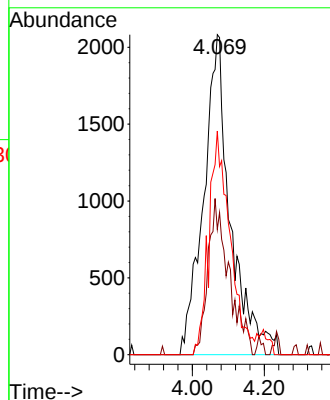
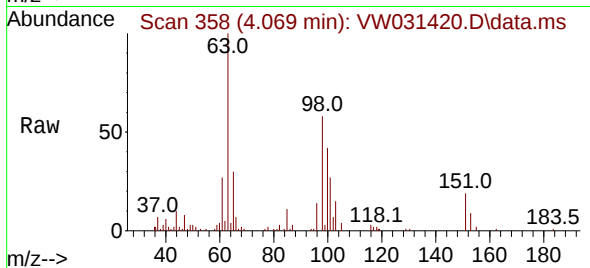
Tgt Ion:	101	Resp:	10800
Ion Ratio	Lower	Upper	
101	100		
85	24.7	33.0	49.4#
151	35.1	54.8	82.2#

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 1.365 ug/L

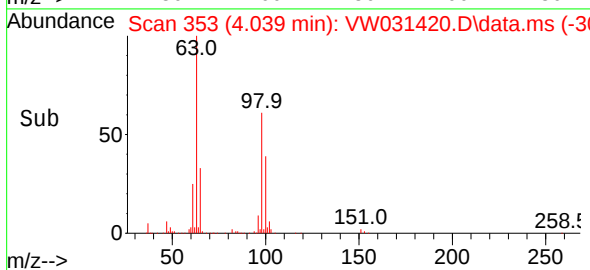
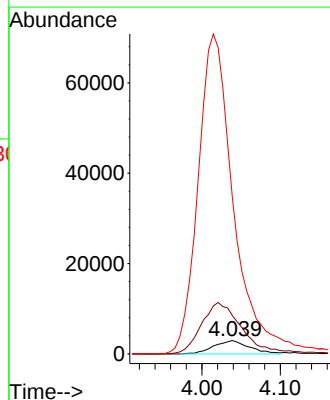
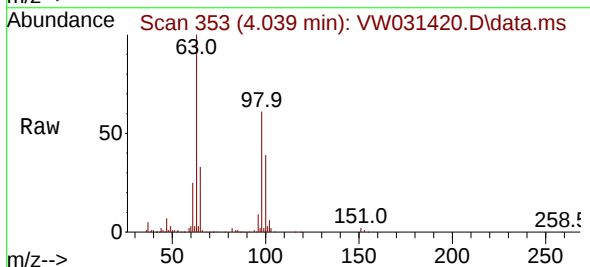
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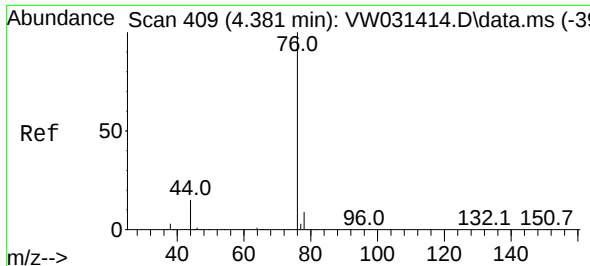
Delta R.T. 0.006 min

Lab File: VW031420.D

Acq: 20 Dec 2024 12:12

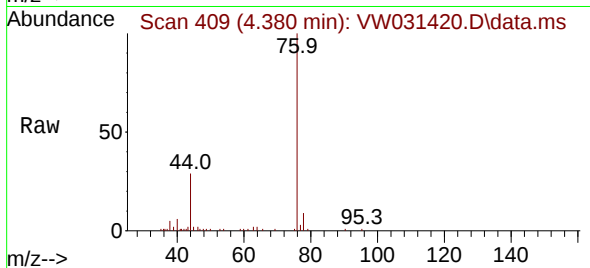
Tgt Ion:	96	Resp:	9470
Ion Ratio	Lower	Upper	
96	100		
61	284.8	125.3	232.7#
63	1157.2	104.6	194.2#





#14
Carbon disulfide
Concen: 0.943 ug/L
RT: 4.380 min Scan# 409
Delta R.T. -0.000 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

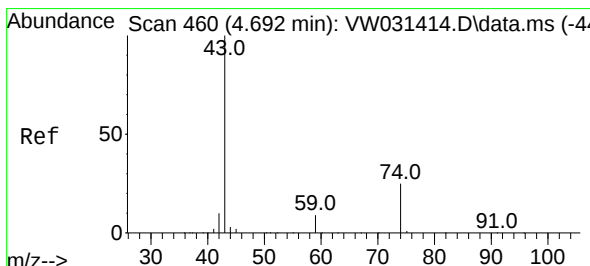
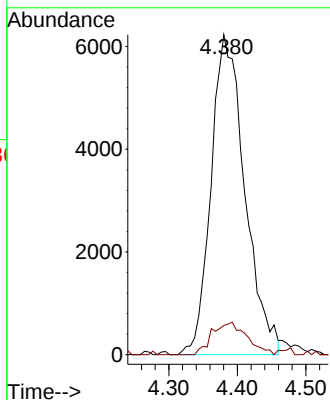
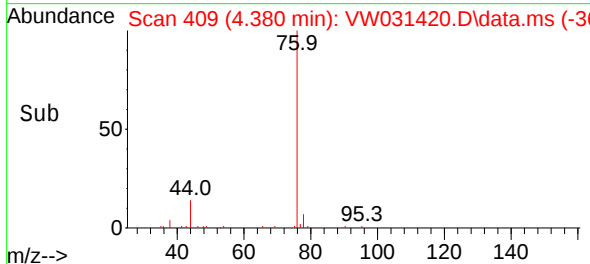
Instrument :
MSVOA_W
ClientSampleId :
MDL04



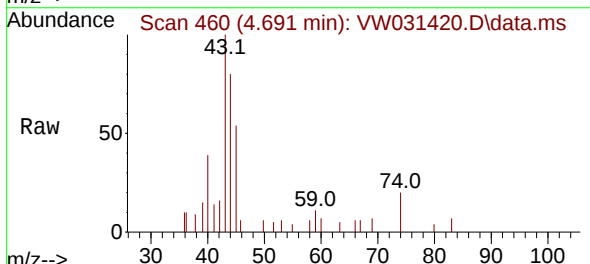
Tgt Ion: 76 Resp: 2132
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

Manual Integrations
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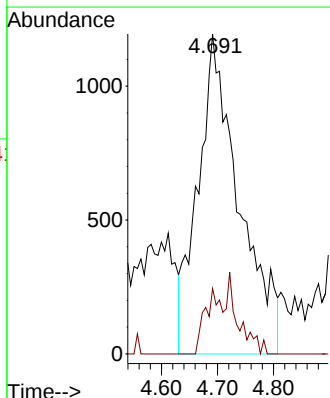
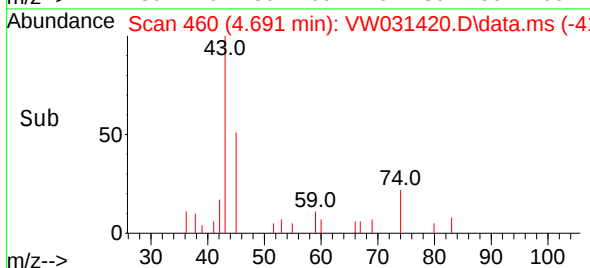
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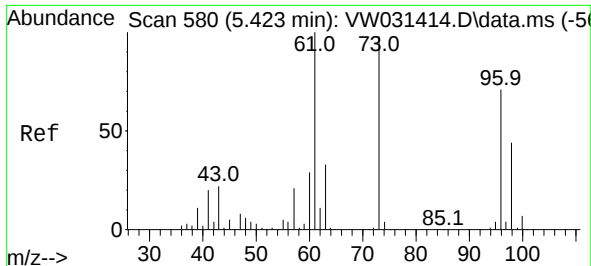


#15
Methyl Acetate
Concen: 2.409 ug/L m
RT: 4.691 min Scan# 460
Delta R.T. -0.000 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12



Tgt Ion: 43 Resp: 6108
Ion Ratio Lower Upper
43 100
74 0.3 18.9 28.3#





#17

trans-1,2-Dichloroethene

Concen: 1.223 ug/L

RT: 5.435 min Scan# 580

Delta R.T. 0.012 min

Lab File: VW031420.D

Acq: 20 Dec 2024 12:12

Instrument :

MSVOA_W

ClientSampleId :

MDL04

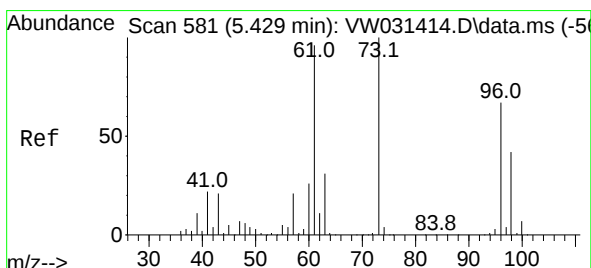
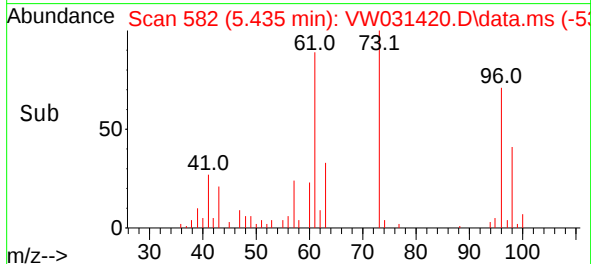
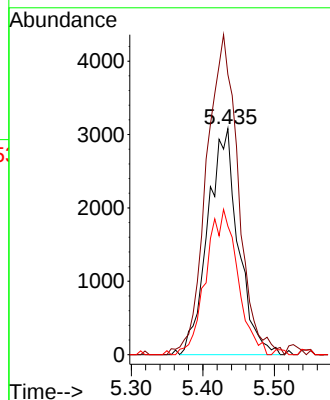
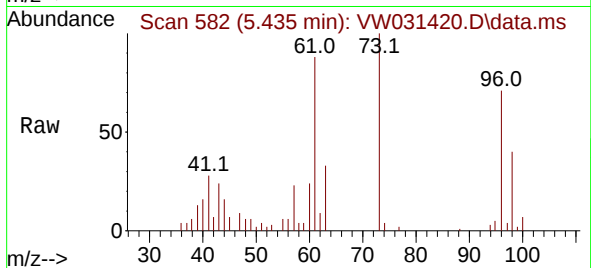
Tgt Ion: 96 Resp: 914

Ion	Ratio	Lower	Upper
96	100		
61	123.9	100.7	187.1
98	56.8	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: 1.319 ug/L

RT: 5.429 min Scan# 581

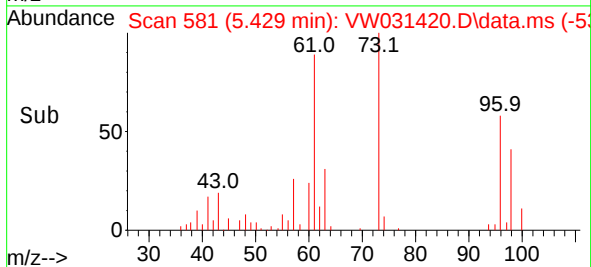
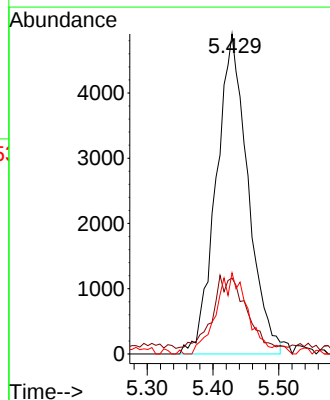
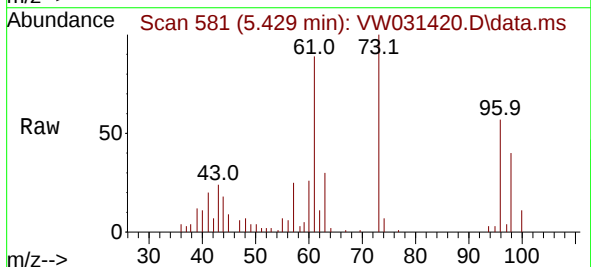
Delta R.T. -0.000 min

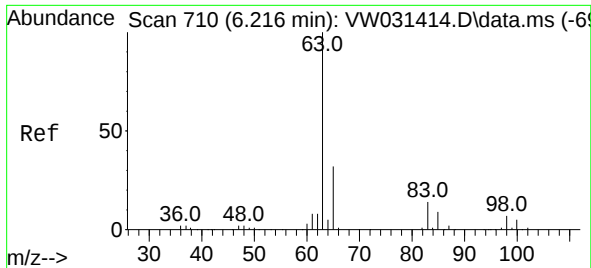
Lab File: VW031420.D

Acq: 20 Dec 2024 12:12

Tgt Ion: 73 Resp: 16489

Ion	Ratio	Lower	Upper
73	100		
43	11.8	17.9	26.9#
57	0.9	17.9	26.9#





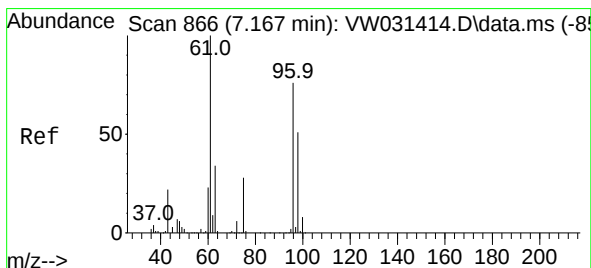
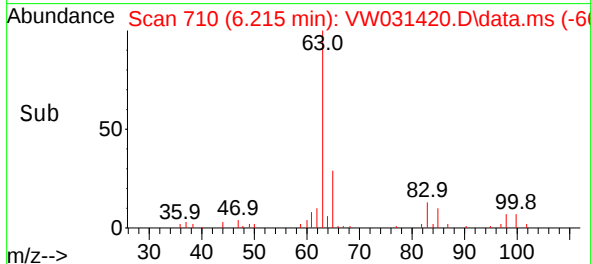
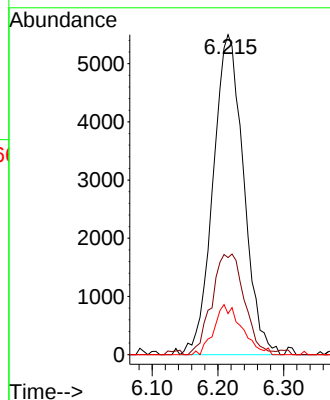
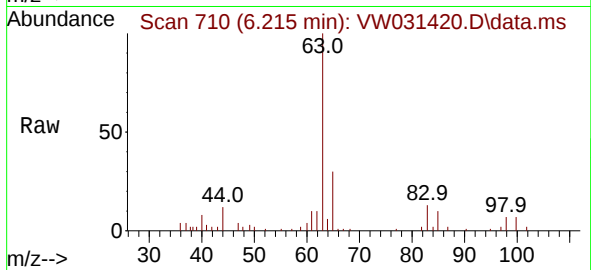
#19
1,1-Dichloroethane
Concen: 1.269 ug/L
RT: 6.215 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

Instrument :
MSVOA_W
ClientSampleId :
MDL04

Tgt Ion: 63 Resp: 1772
Ion Ratio Lower Upper
63 100
65 30.4 21.9 40.7
83 12.8 9.3 17.3

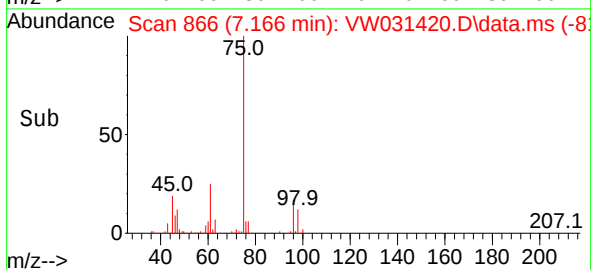
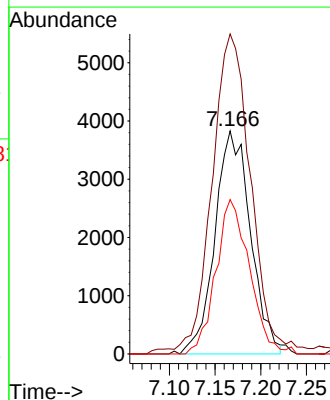
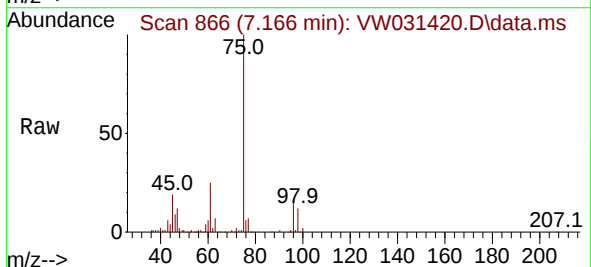
Manual Integrations
APPROVED

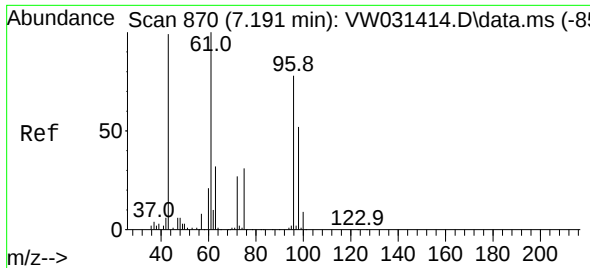
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#20
cis-1,2-Dichloroethene
Concen: 1.282 ug/L
RT: 7.166 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

Tgt Ion: 96 Resp: 10367
Ion Ratio Lower Upper
96 100
61 143.5 92.2 171.2
98 69.2 43.7 81.1





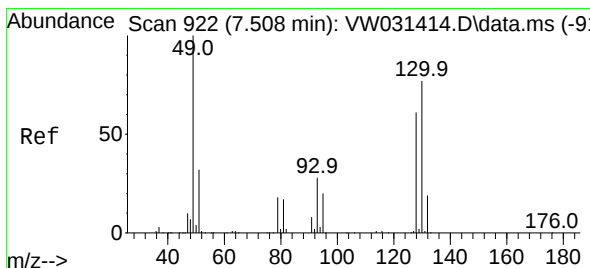
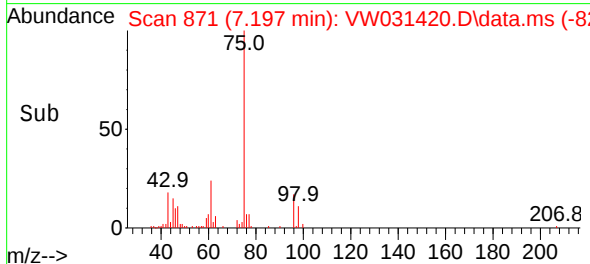
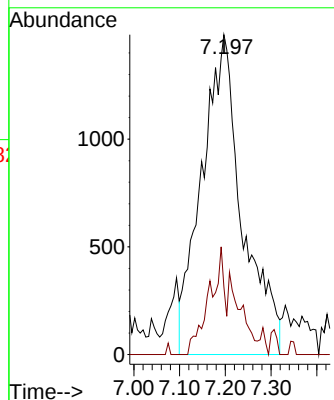
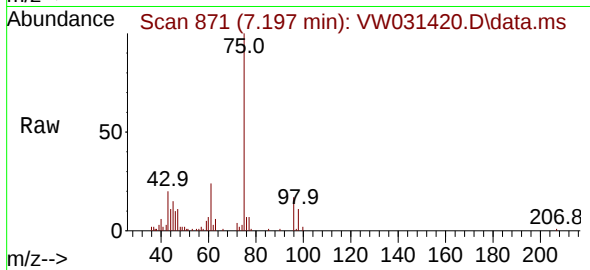
#22
2-Butanone
Concen: 3.387 ug/L m
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

Instrument :
MSVOA_W
ClientSampleId :
MDL04

Tgt Ion: 43 Resp: 916
Ion Ratio Lower Upper
43 100
72 1.0 13.3 39.8

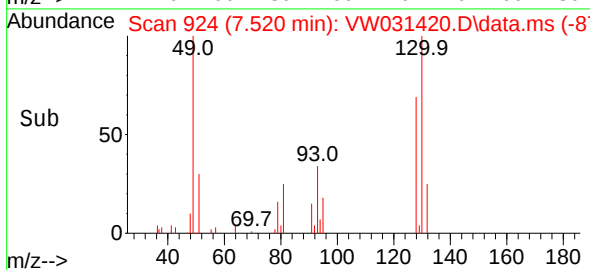
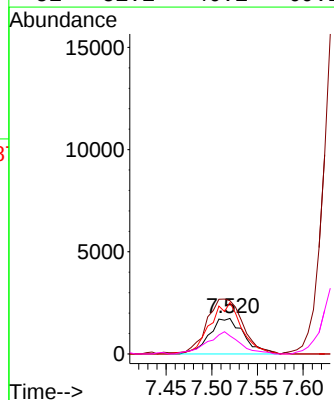
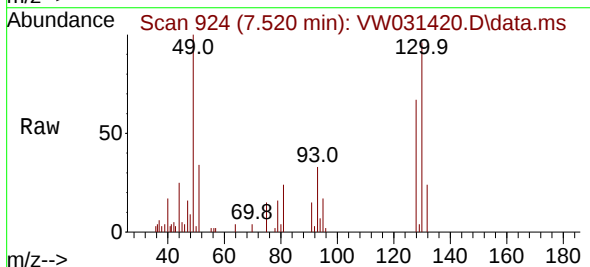
Manual Integrations
APPROVED

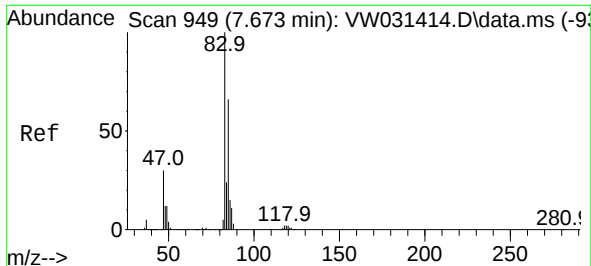
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#23
Bromochloromethane
Concen: 1.422 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.012 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

Tgt Ion:128 Resp: 4589
Ion Ratio Lower Upper
128 100
49 150.1 123.7 229.7
130 144.6 90.3 167.7
51 51.1 46.1 69.1





#25

Chloroform

Concen: 2.054 ug/L

RT: 7.672 min Scan# 949

Delta R.T. -0.000 min

Lab File: VW031420.D

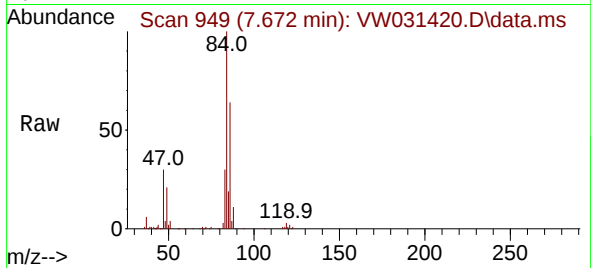
Acq: 20 Dec 2024 12:12

Instrument :

MSVOA_W

ClientSampleId :

MDL04



Tgt Ion: 83 Resp: 28320

Ion Ratio Lower Upper

83 100

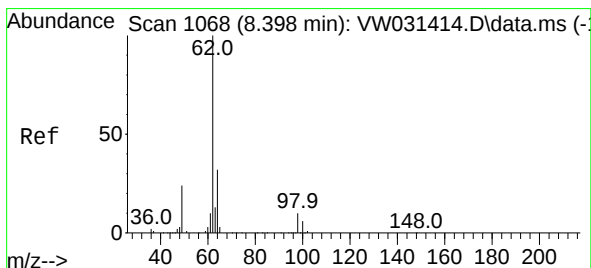
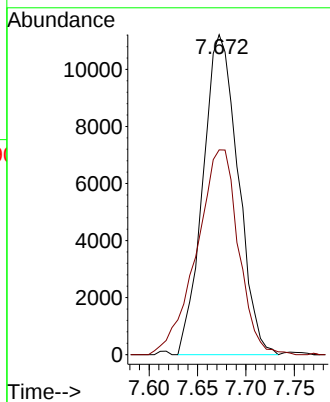
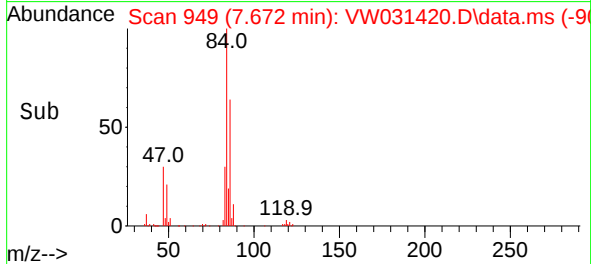
85 64.0 46.1 85.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/23/2024



#27

1,2-Dichloroethane

Concen: 1.423 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW031420.D

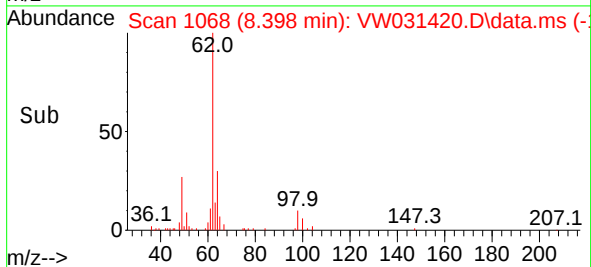
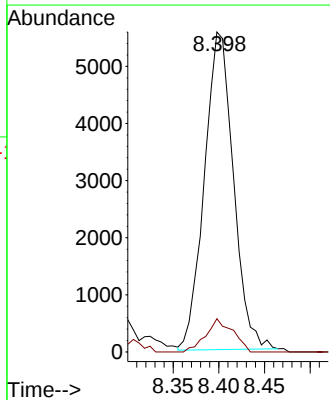
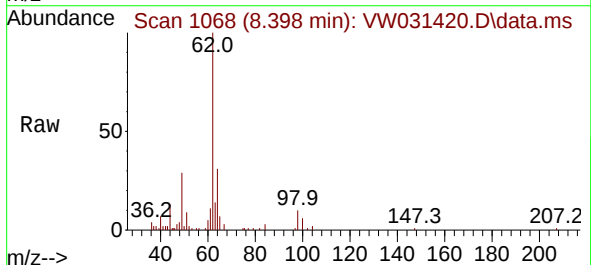
Acq: 20 Dec 2024 12:12

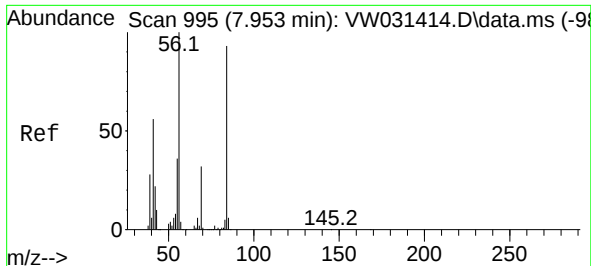
Tgt Ion: 62 Resp: 12338

Ion Ratio Lower Upper

62 100

98 10.4 7.2 10.8





#29

Cyclohexane

Concen: 1.035 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.000 min

Lab File: VW031420.D

Acq: 20 Dec 2024 12:12

Instrument :

MSVOA_W

ClientSampleId :

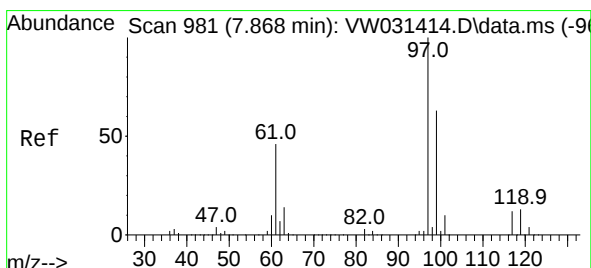
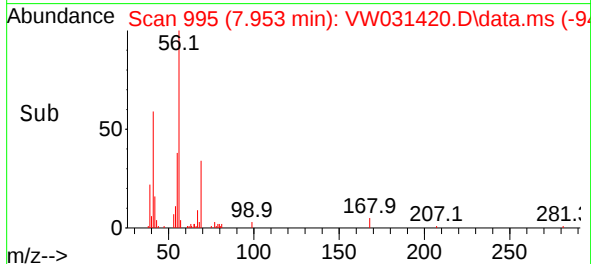
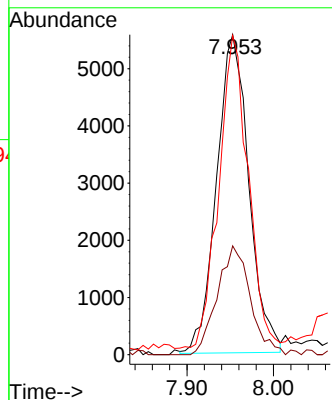
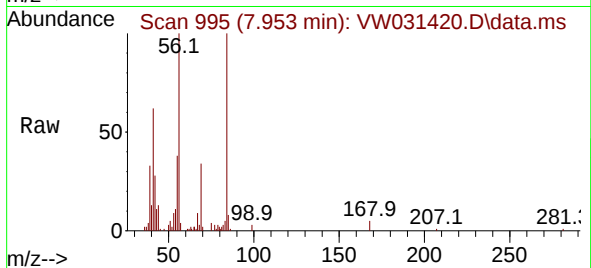
MDL04

Tgt Ion:	56	Resp:	1438
Ion Ratio	Lower	Upper	
56	100		
69	34.9	25.0	37.4
84	88.8	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: 1.034 ug/L m

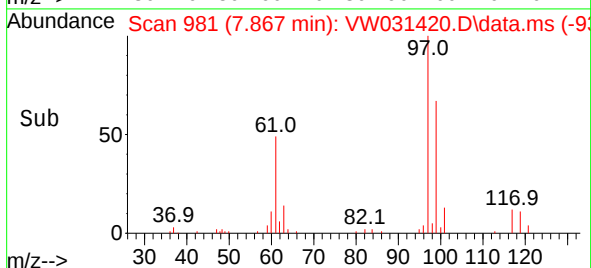
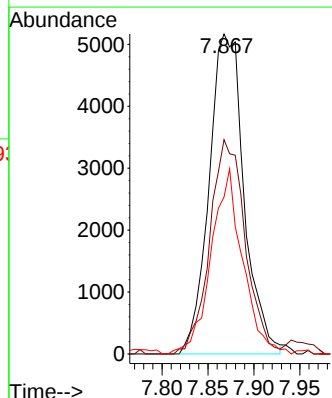
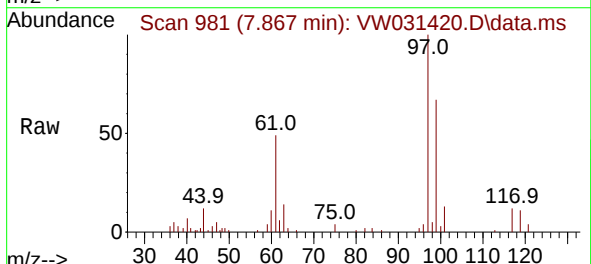
RT: 7.867 min Scan# 981

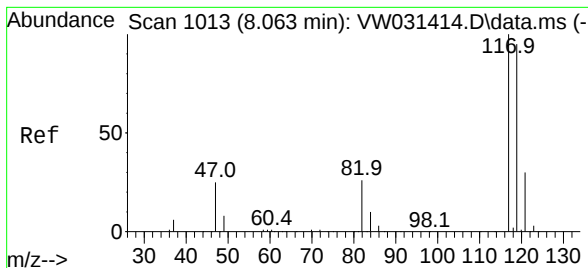
Delta R.T. -0.000 min

Lab File: VW031420.D

Acq: 20 Dec 2024 12:12

Tgt Ion:	97	Resp:	13693
Ion Ratio	Lower	Upper	
97	100		
99	68.0	51.1	76.7
61	51.9	36.3	54.5





#31

Carbon tetrachloride

Concen: 0.986 ug/L

RT: 8.063 min Scan# 1013

Delta R.T. -0.000 min

Lab File: VW031420.D

Acq: 20 Dec 2024 12:12

Instrument :

MSVOA_W

ClientSampleId :

MDL04

Tgt Ion:117 Resp: 1163

Ion Ratio Lower Upper

117 100

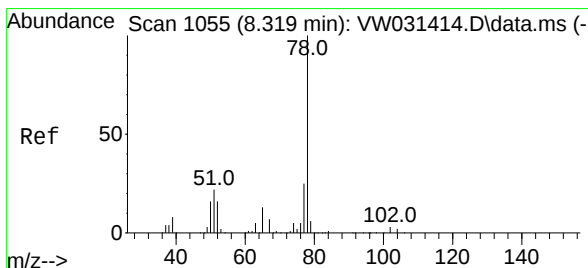
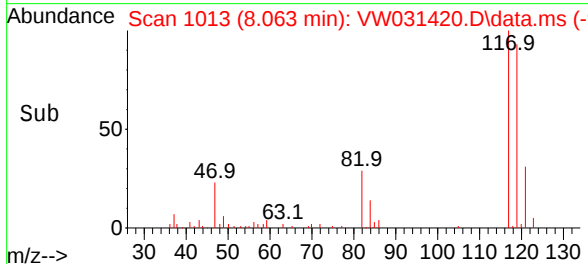
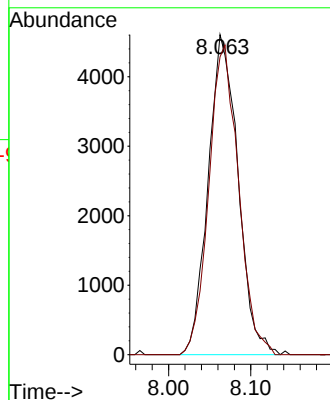
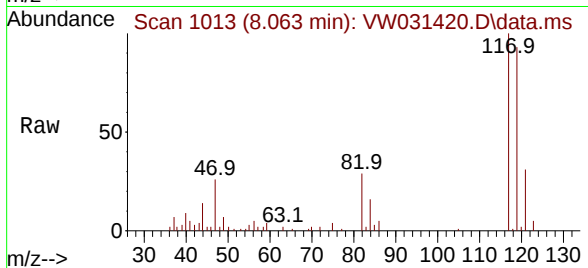
119 96.1 76.0 114.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/23/2024



#33

Benzene

Concen: 1.257 ug/L

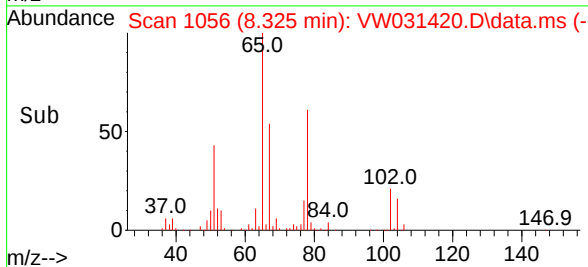
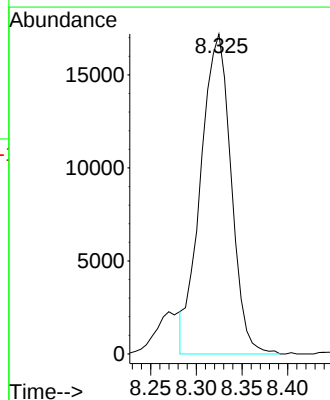
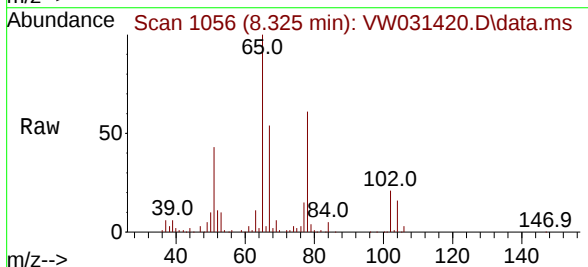
RT: 8.325 min Scan# 1056

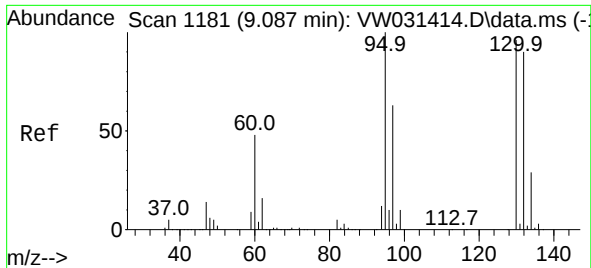
Delta R.T. 0.006 min

Lab File: VW031420.D

Acq: 20 Dec 2024 12:12

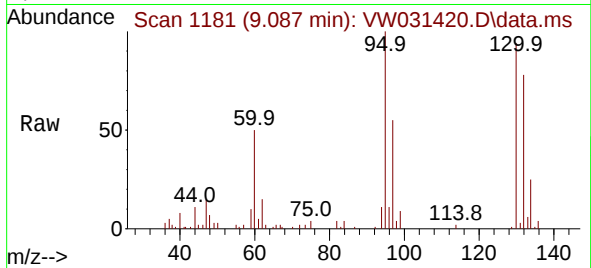
Tgt Ion: 78 Resp: 39787





#34
Trichloroethene
Concen: 1.211 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

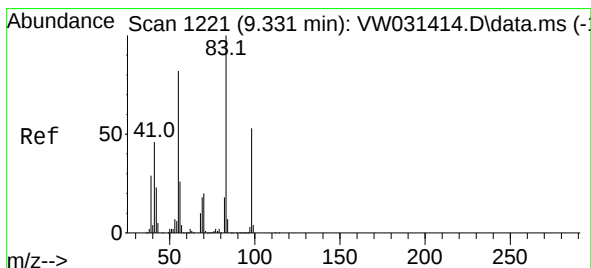
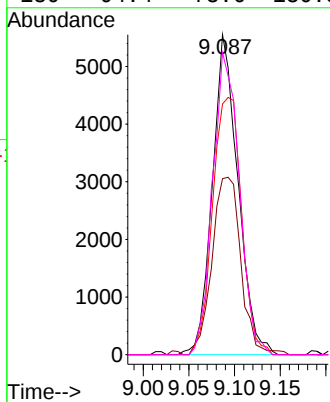
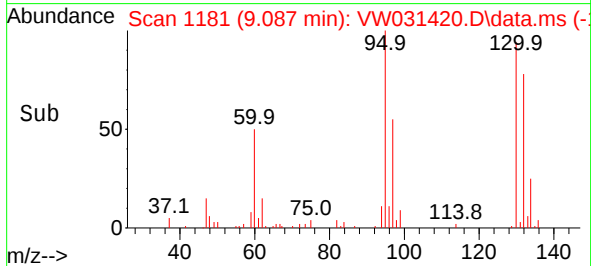
Instrument :
MSVOA_W
ClientSampleId :
MDL04



Tgt Ion: 95 Resp: 10829
Ion Ratio Lower Upper
95 100
97 55.0 46.5 86.3
132 78.3 70.3 130.5
130 94.4 73.6 136.8

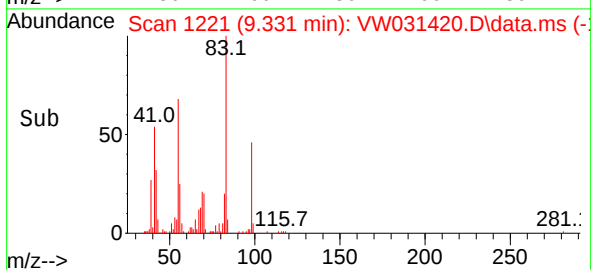
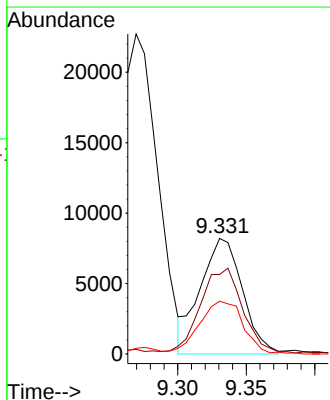
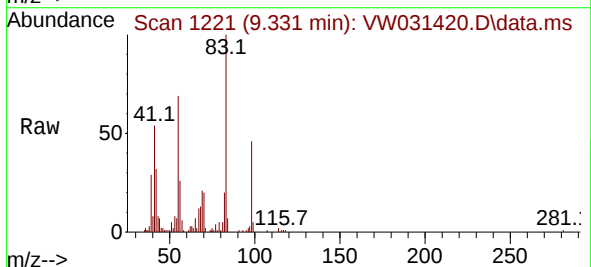
Manual Integrations
APPROVED

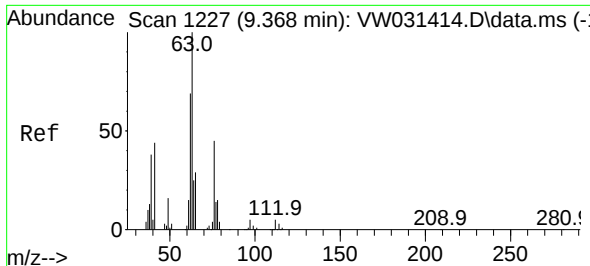
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#35
Methylcyclohexane
Concen: 1.133 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.000 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

Tgt Ion: 83 Resp: 17633
Ion Ratio Lower Upper
83 100
55 74.9 62.6 93.8
98 45.6 39.8 59.6





#37

1,2-Dichloropropane

Concen: 1.319 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW031420.D

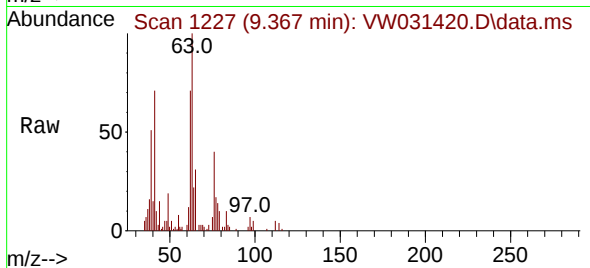
Acq: 20 Dec 2024 12:12

Instrument :

MSVOA_W

ClientSampleId :

MDL04



Tgt Ion: 63 Resp: 1042

Ion Ratio Lower Upper

63 100

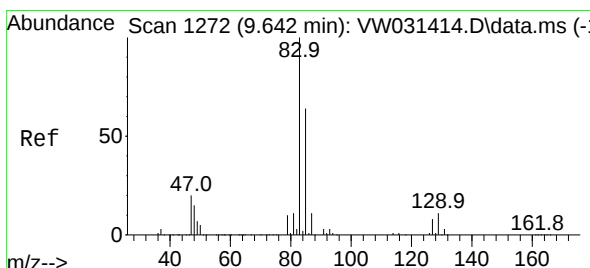
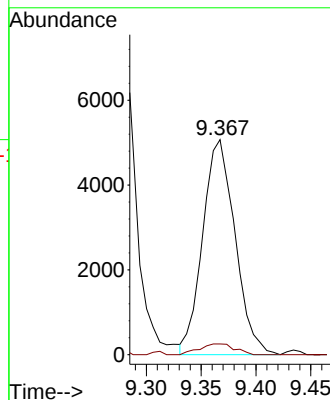
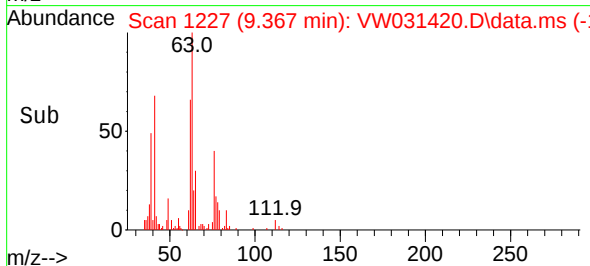
112 5.5 3.8 5.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/23/2024



#38

Bromodichloromethane

Concen: 1.156 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW031420.D

Acq: 20 Dec 2024 12:12

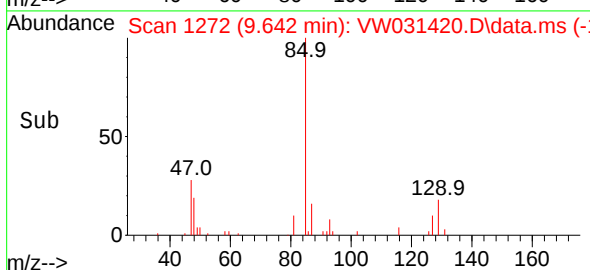
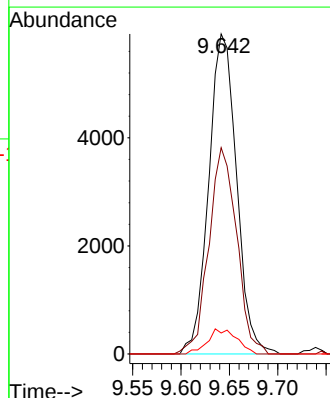
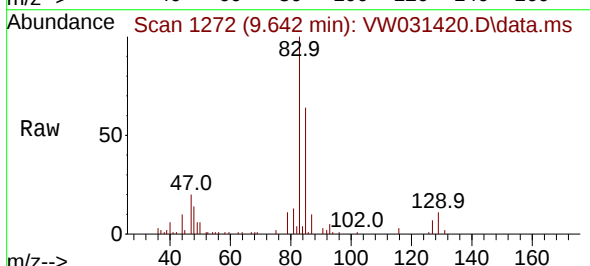
Tgt Ion: 83 Resp: 11866

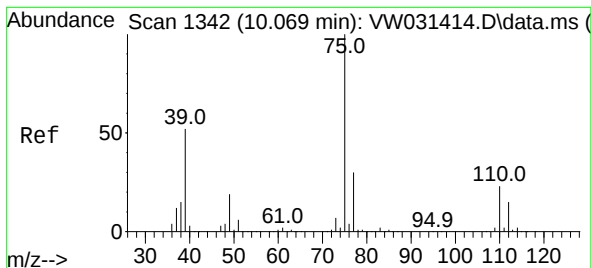
Ion Ratio Lower Upper

83 100

85 64.4 46.5 86.5

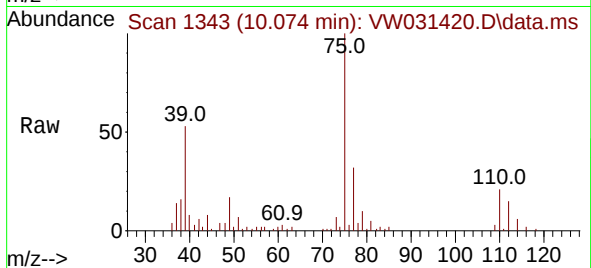
127 6.6 6.2 9.4





#39
cis-1,3-Dichloropropene
Concen: 1.012 ug/L
RT: 10.074 min Scan# 1342
Delta R.T. 0.006 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

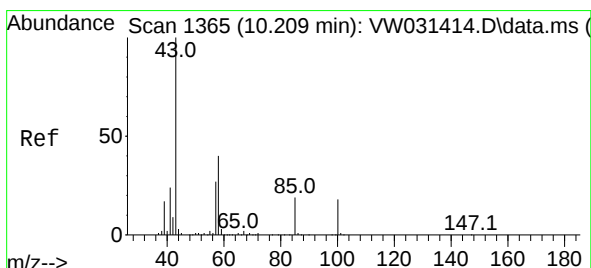
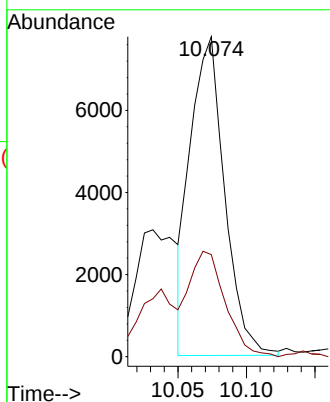
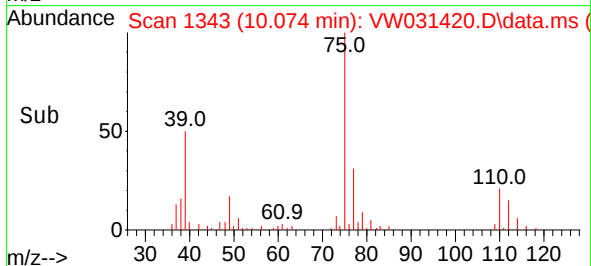
Instrument :
MSVOA_W
ClientSampleId :
MDL04



Tgt Ion: 75 Resp: 13502
Ion Ratio Lower Upper
75 100
77 31.9 21.8 40.4

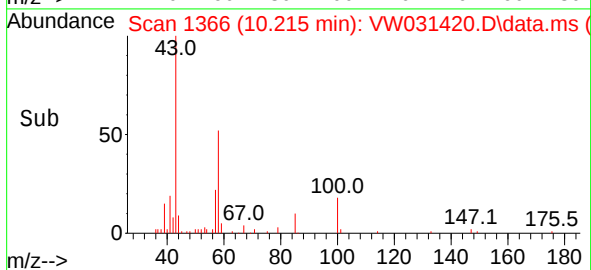
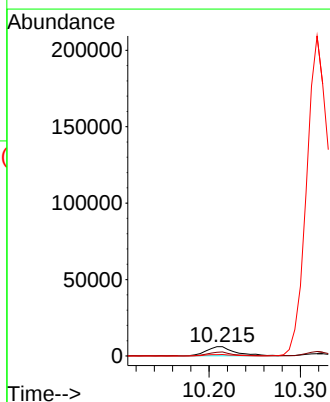
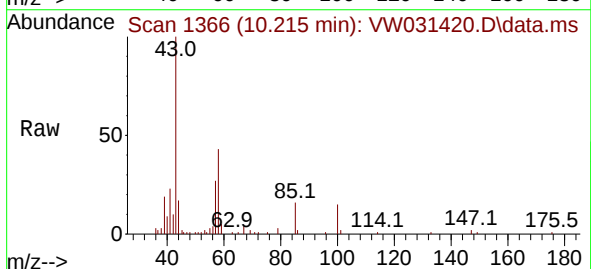
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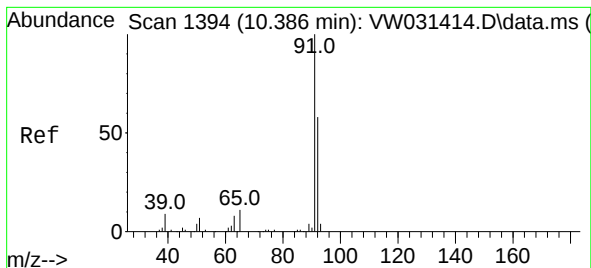
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#40
4-Methyl-2-pentanone
Concen: 3.051 ug/L
RT: 10.215 min Scan# 1366
Delta R.T. 0.006 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

Tgt Ion: 43 Resp: 12786
Ion Ratio Lower Upper
43 100
58 41.3 31.1 46.7
100 15.1 13.0 19.6





#42

Toluene

Concen: 1.240 ug/L

RT: 10.385 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW031420.D

Acq: 20 Dec 2024 12:12

Instrument :

MSVOA_W

ClientSampleId :

MDL04

Tgt Ion: 91 Resp: 4275

Ion Ratio Lower Upper

91 100

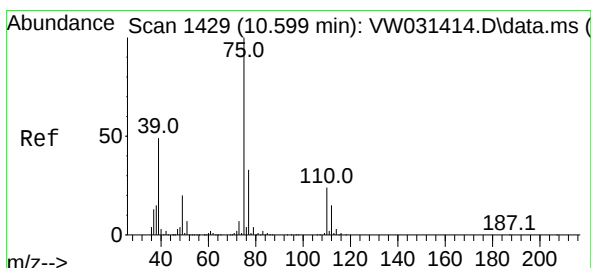
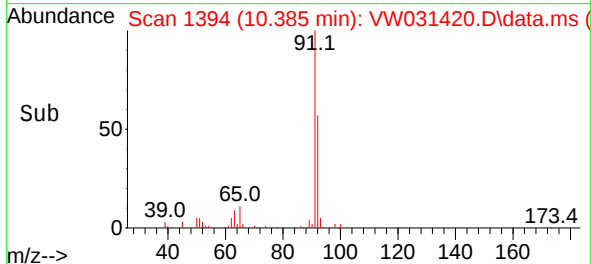
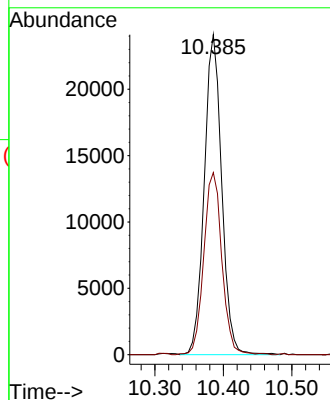
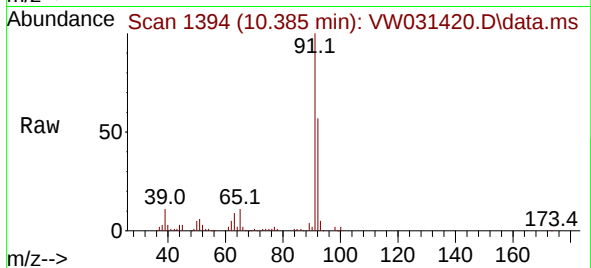
92 56.9 40.3 74.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/23/2024



#44

trans-1,3-Dichloropropene

Concen: 1.425 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VW031420.D

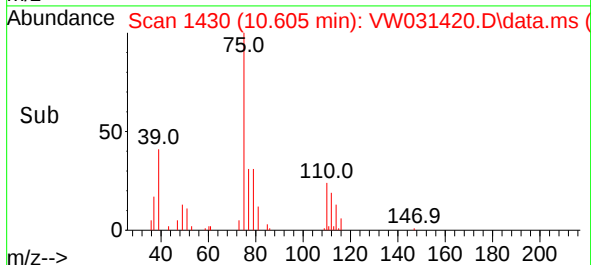
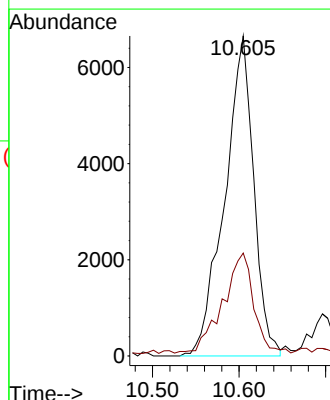
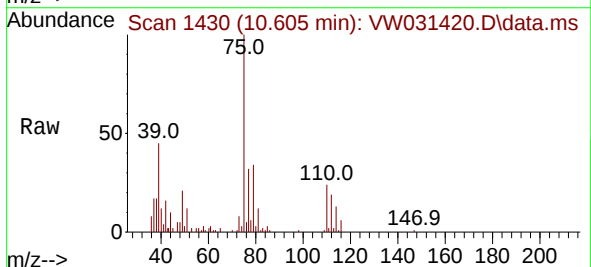
Acq: 20 Dec 2024 12:12

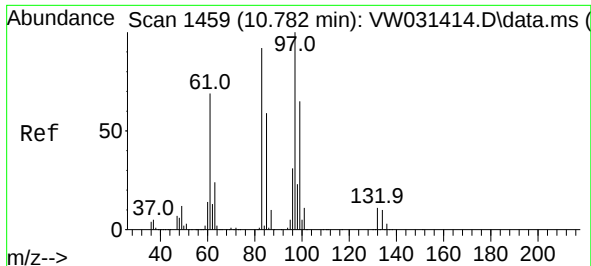
Tgt Ion: 75 Resp: 15534

Ion Ratio Lower Upper

75 100

77 32.2 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 1.390 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW031420.D

Acq: 20 Dec 2024 12:12

Instrument :

MSVOA_W

ClientSampleId :

MDL04

Tgt Ion: 97 Resp: 7300

Ion Ratio Lower Upper

97 100

99 57.8 43.0 80.0

83 88.7 56.4 104.7

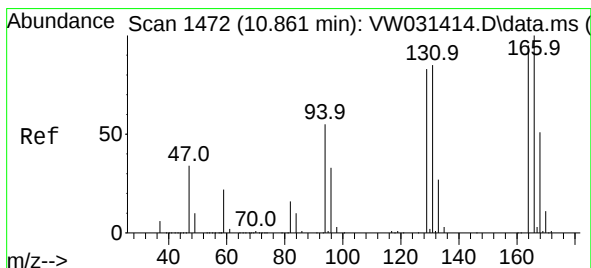
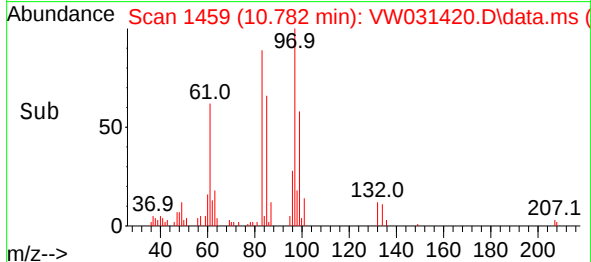
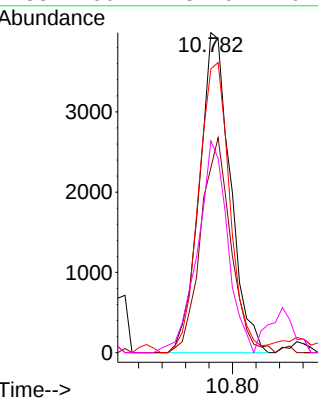
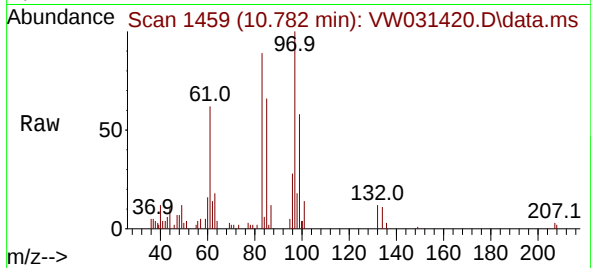
85 66.1 37.9 70.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/23/2024



#46

Tetrachloroethene

Concen: 1.185 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW031420.D

Acq: 20 Dec 2024 12:12

Tgt Ion:164 Resp: 7759

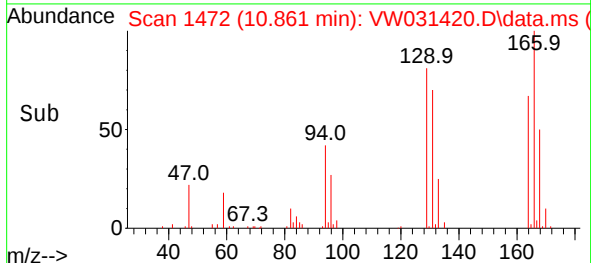
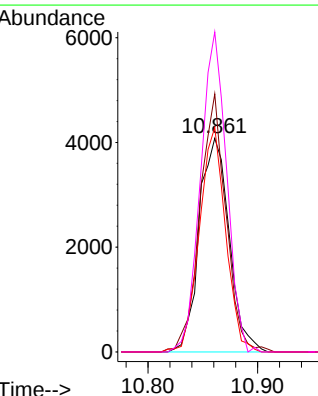
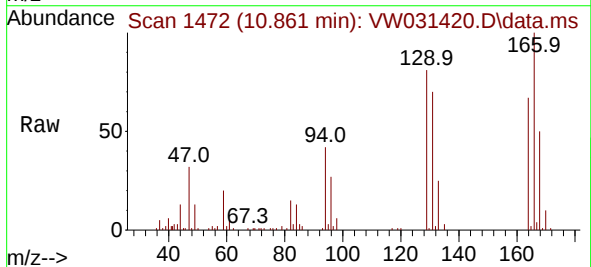
Ion Ratio Lower Upper

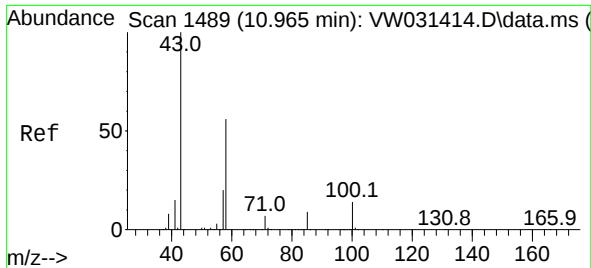
164 100

129 122.7 73.5 136.5

131 105.1 66.6 123.8

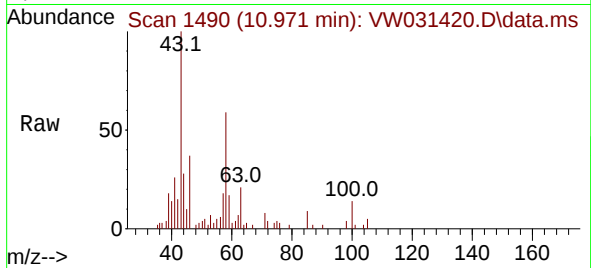
166 149.8 92.7 172.3





#48
2-Hexanone
Concen: 1.830 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

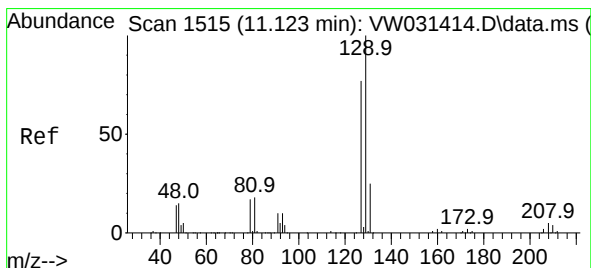
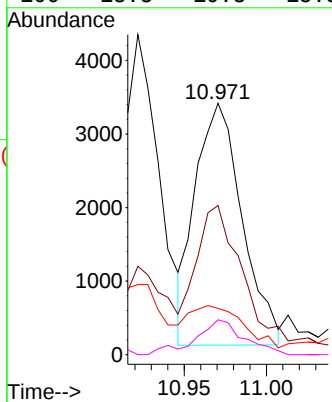
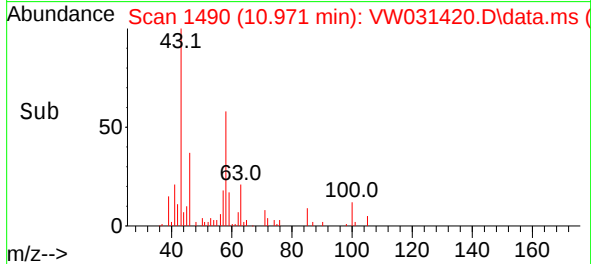
Instrument :
MSVOA_W
ClientSampleId :
MDL04



Tgt Ion: 43 Resp: 652
Ion Ratio Lower Upper
43 100
58 60.5 43.0 64.6
57 23.2 15.7 23.5
100 13.3 10.3 15.5

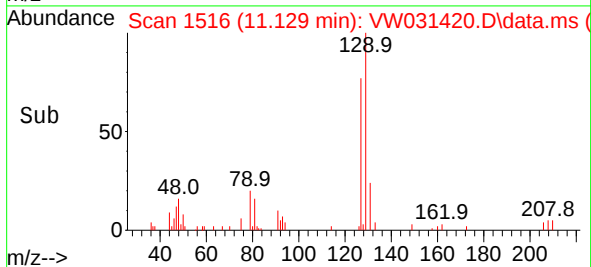
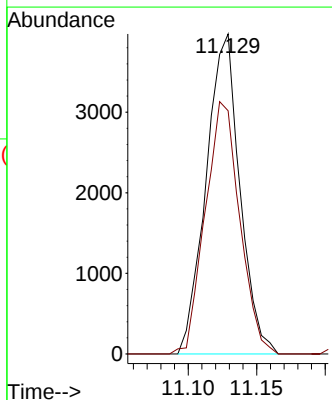
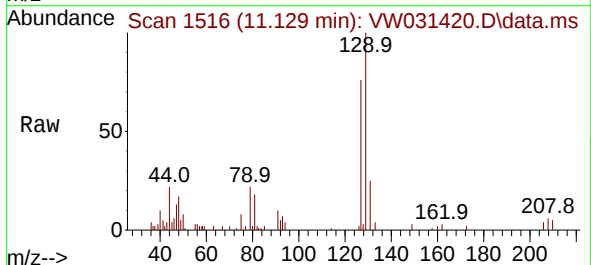
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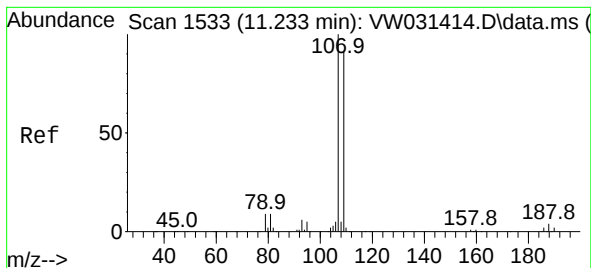
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#49
Dibromochloromethane
Concen: 1.092 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

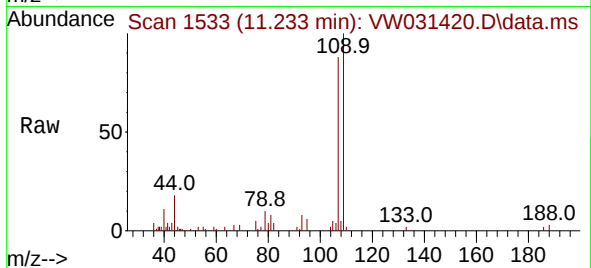
Tgt Ion:129 Resp: 6798
Ion Ratio Lower Upper
129 100
127 76.0 57.6 107.0





#50
1,2-Dibromoethane
Concen: 1.369 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

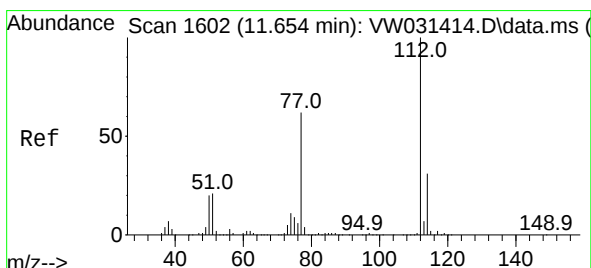
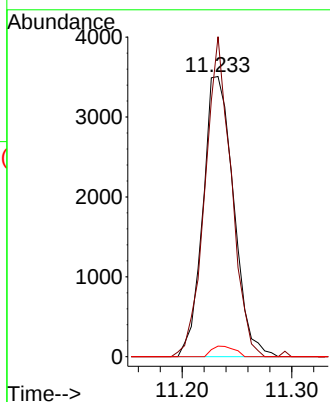
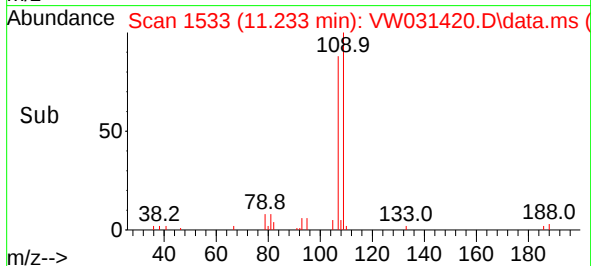
Instrument :
MSVOA_W
ClientSampleId :
MDL04



Tgt Ion:107 Resp: 6810
Ion Ratio Lower Upper
107 100
109 114.2 63.2 117.4
188 3.8 2.6 4.0

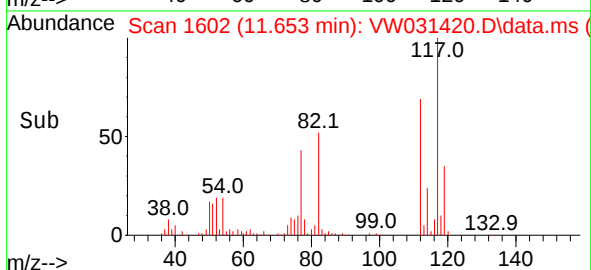
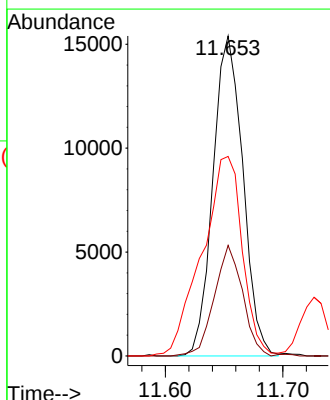
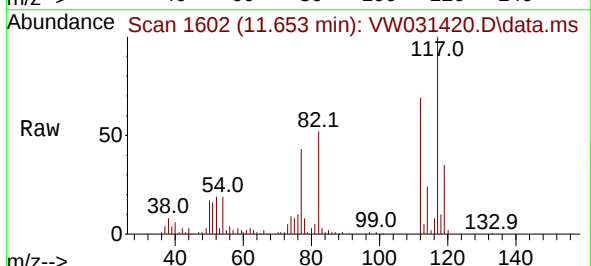
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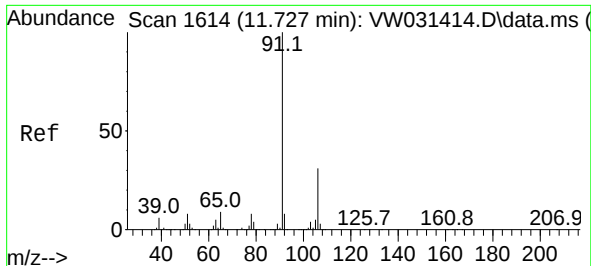
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#51
Chlorobenzene
Concen: 1.259 ug/L
RT: 11.653 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

Tgt Ion:112 Resp: 27220
Ion Ratio Lower Upper
112 100
114 34.6 22.7 42.3
77 62.3 50.2 75.4





#52

Ethylbenzene

Concen: 1.197 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VW031420.D

Acq: 20 Dec 2024 12:12

Instrument :

MSVOA_W

ClientSampleId :

MDL04

Tgt Ion: 91 Resp: 47838

Ion Ratio Lower Upper

91 100

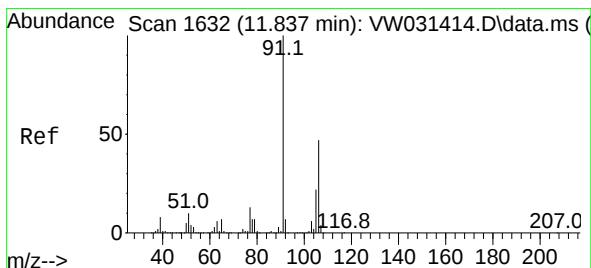
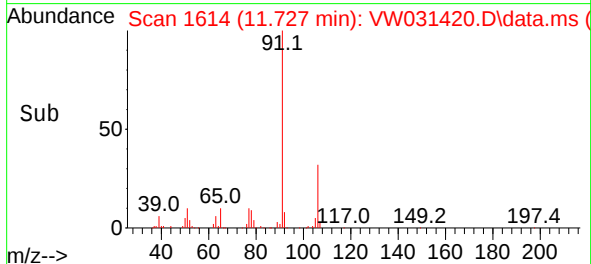
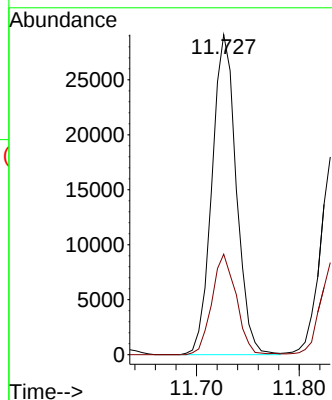
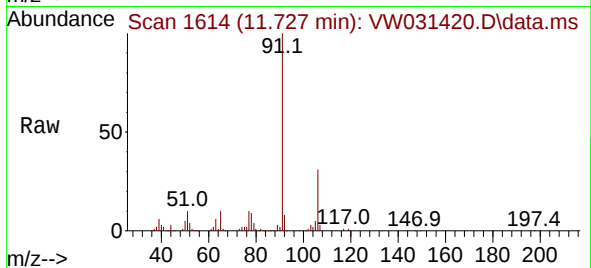
106 31.4 20.7 38.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/23/2024



#53

m,p-Xylene

Concen: 1.189 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW031420.D

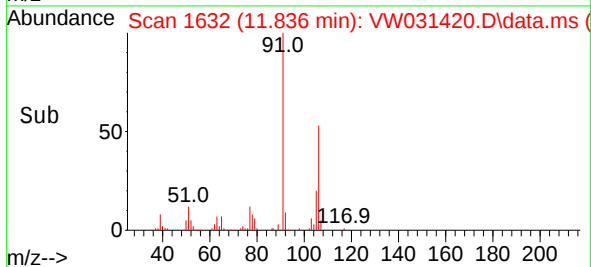
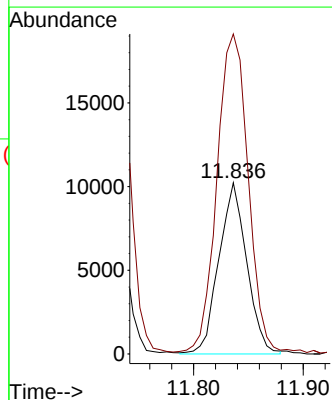
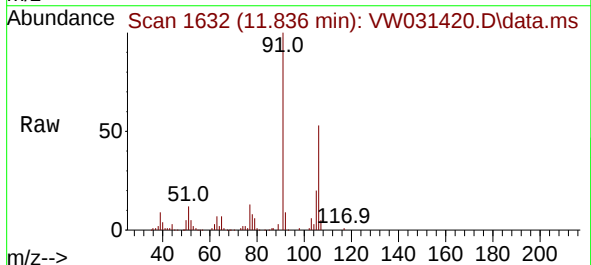
Acq: 20 Dec 2024 12:12

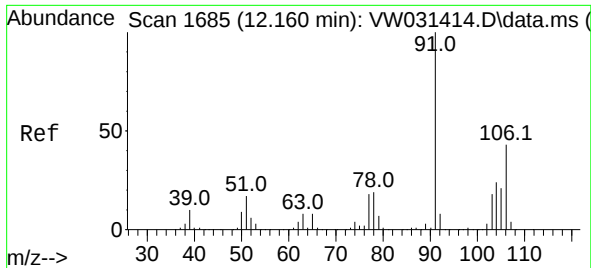
Tgt Ion:106 Resp: 18085

Ion Ratio Lower Upper

106 100

91 187.0 139.9 259.7





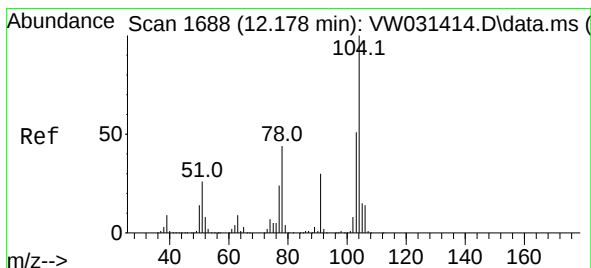
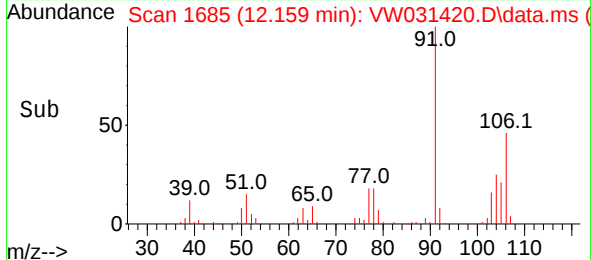
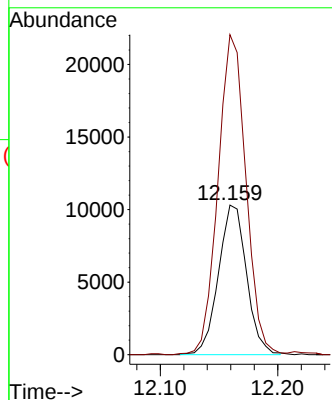
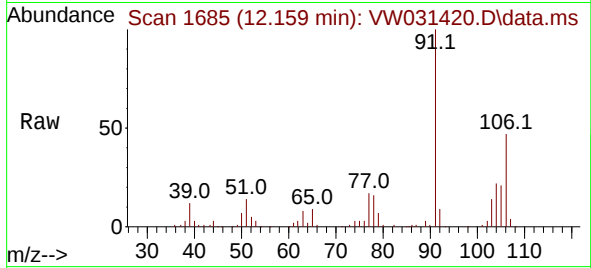
#54
o-Xylene
Concen: 1.196 ug/L
RT: 12.159 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

Instrument :
MSVOA_W
ClientSampleId :
MDL04

Tgt Ion:106 Resp: 1714
Ion Ratio Lower Upper
106 100
91 213.9 153.1 284.3

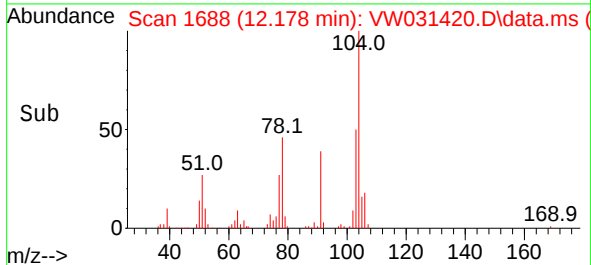
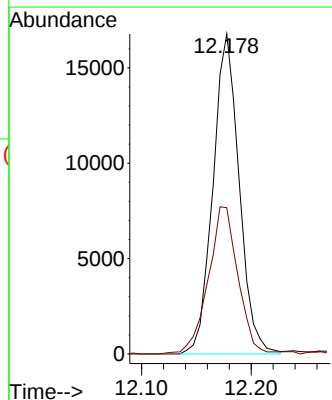
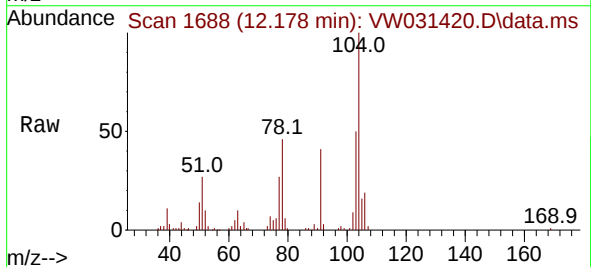
Manual Integrations
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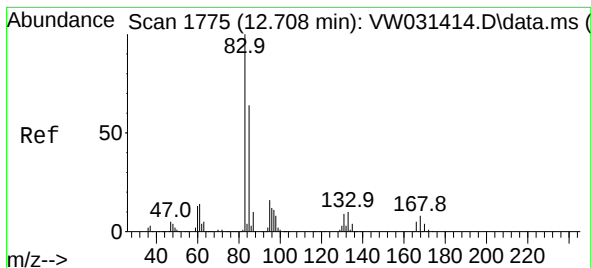
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#55
Styrene
Concen: 1.168 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

Tgt Ion:104 Resp: 27859
Ion Ratio Lower Upper
104 100
78 45.7 31.4 58.4





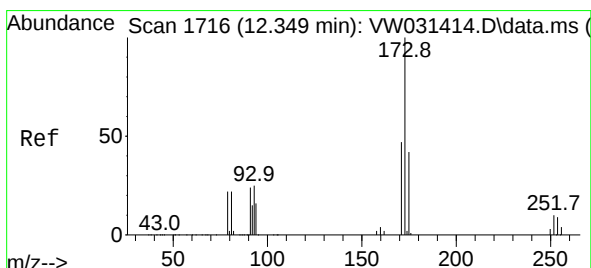
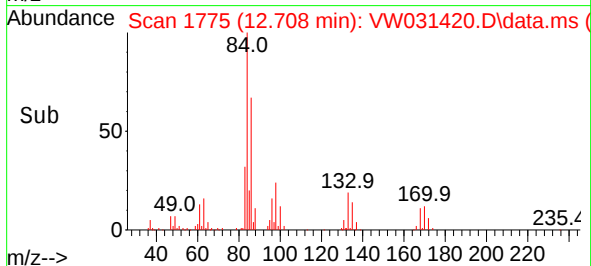
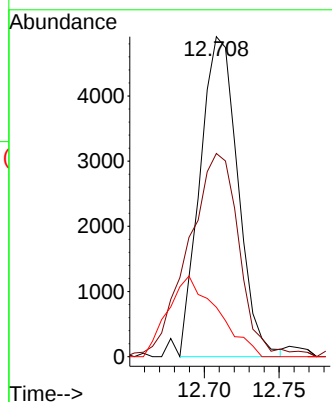
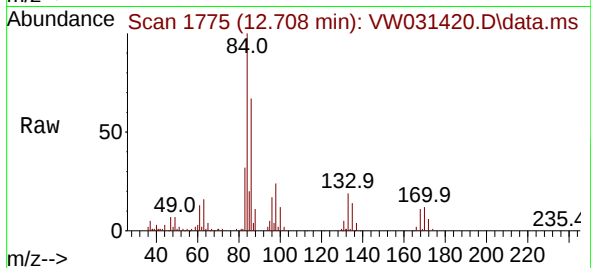
#57
1,1,2,2-Tetrachloroethane
Concen: 1.525 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

Instrument :
MSVOA_W
ClientSampleId :
MDL04

Tgt Ion: 83 Resp: 863
Ion Ratio Lower Upper
83 100
85 63.5 44.1 81.9
131 15.5 7.9 11.9

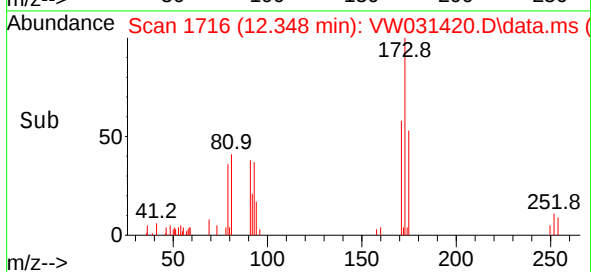
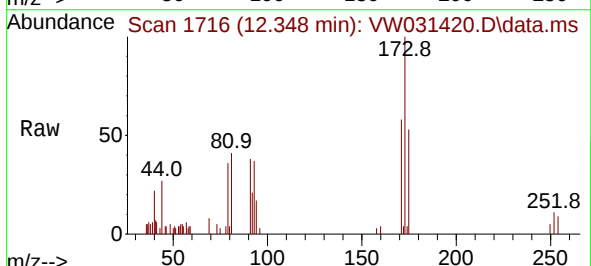
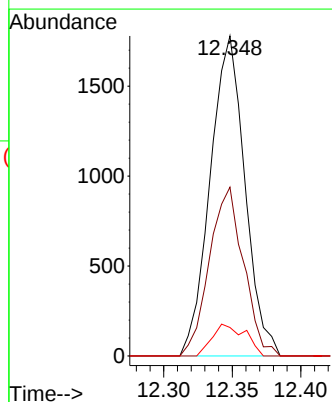
Manual Integrations
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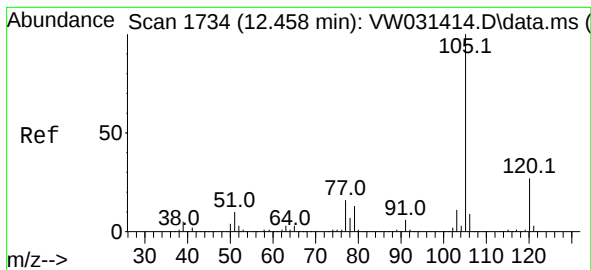
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#59
Bromoform
Concen: 0.913 ug/L
RT: 12.348 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

Tgt Ion:173 Resp: 3133
Ion Ratio Lower Upper
173 100
175 52.0 38.6 57.8
254 9.5 7.6 11.4





#60

Isopropylbenzene

Concen: 1.190 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VW031420.D

Acq: 20 Dec 2024 12:12

Instrument :

MSVOA_W

ClientSampleId :

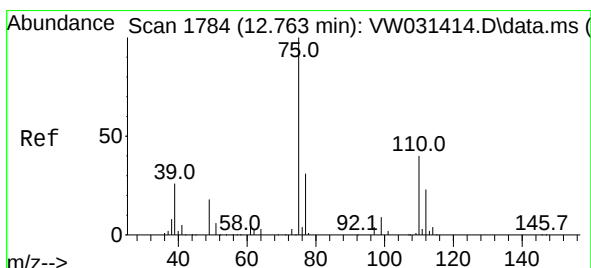
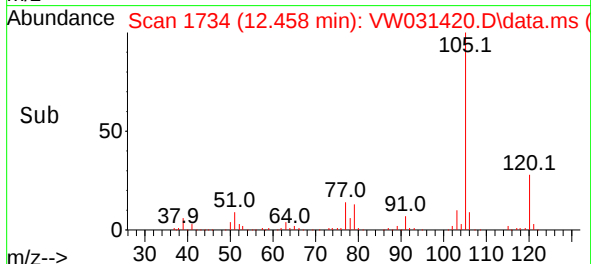
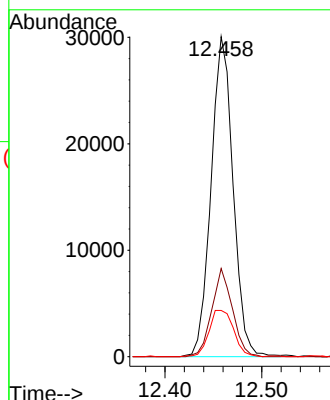
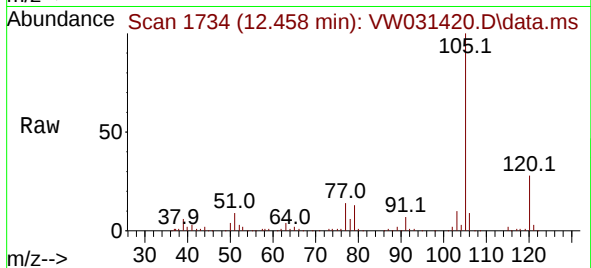
MDL04

Tgt Ion:105	Resp:	4756
Ion Ratio	Lower	Upper
105	100	
120	25.7	20.6 31.0
77	16.3	12.8 19.2

Manual Integrations

APPROVED

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



#61

1,2,3-Trichloropropane

Concen: 1.527 ug/L

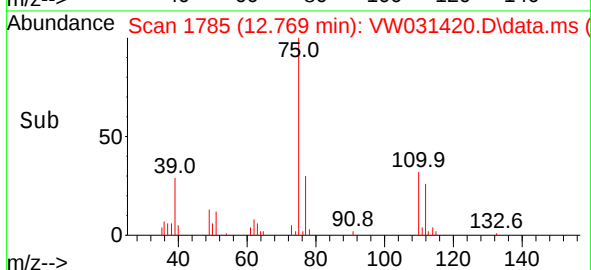
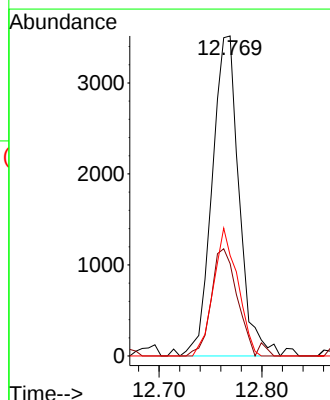
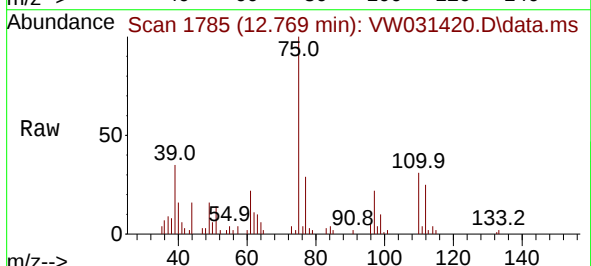
RT: 12.769 min Scan# 1785

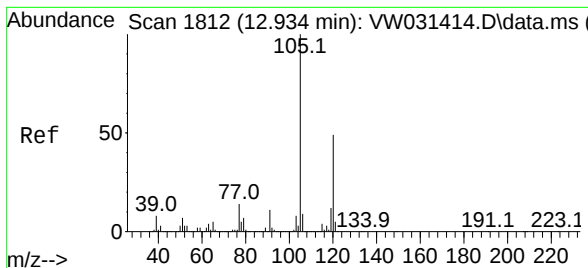
Delta R.T. 0.006 min

Lab File: VW031420.D

Acq: 20 Dec 2024 12:12

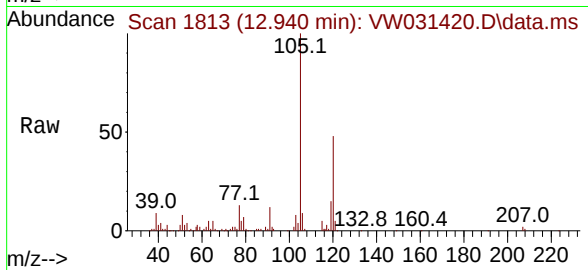
Tgt Ion: 75	Resp:	6380
Ion Ratio	Lower	Upper
75	100	
77	32.2	25.3 37.9
110	36.0	31.2 46.8





#62
1,3,5-Trimethylbenzene
Concen: 1.045 ug/L
RT: 12.940 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

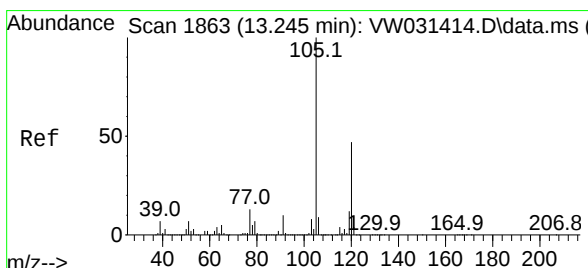
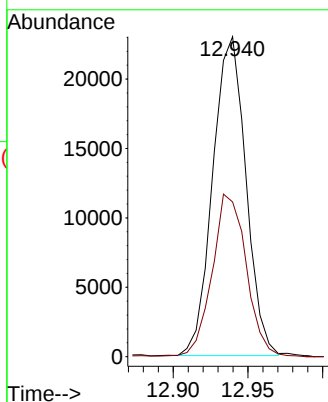
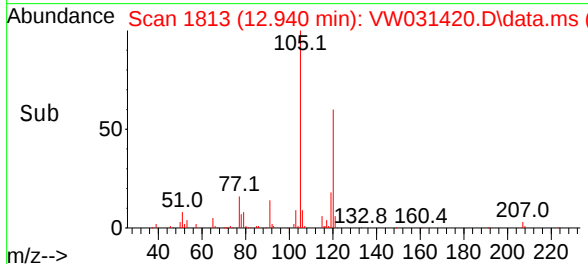
Instrument :
MSVOA_W
ClientSampleId :
MDL04



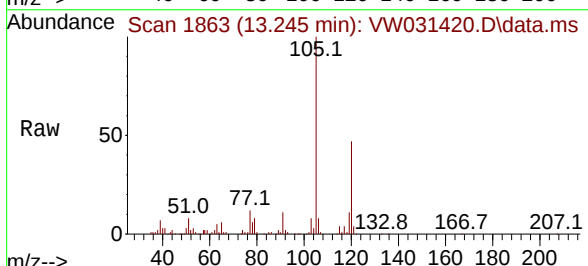
Tgt Ion:105 Resp: 35418
Ion Ratio Lower Upper
105 100
120 52.5 37.3 55.9

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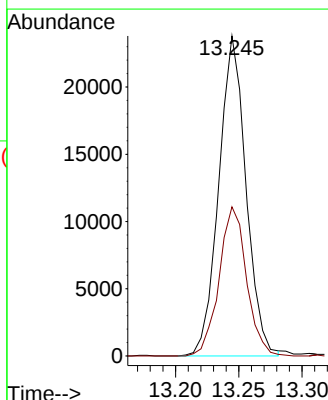
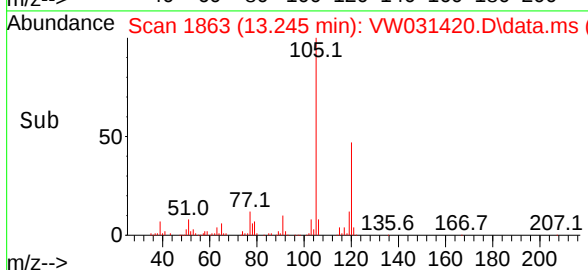
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024

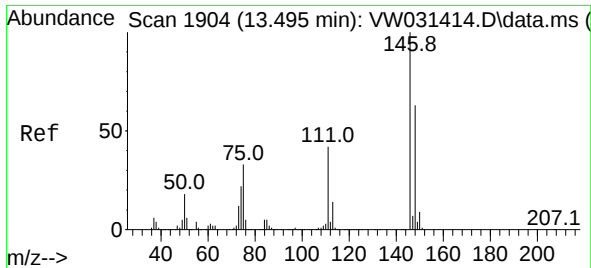


#63
1,2,4-Trimethylbenzene
Concen: 1.088 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12



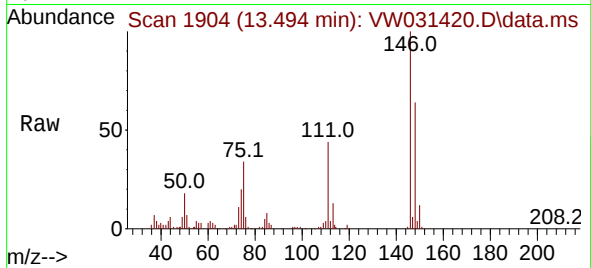
Tgt Ion:105 Resp: 35623
Ion Ratio Lower Upper
105 100
120 46.9 35.0 52.4





#64
1,3-Dichlorobenzene
Concen: 1.270 ug/L
RT: 13.494 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

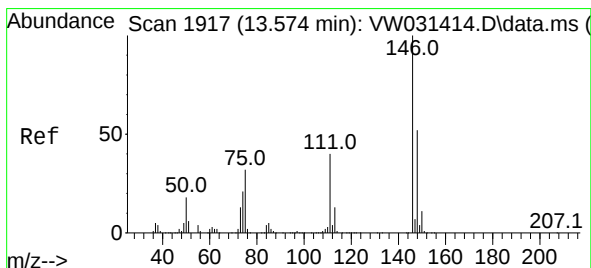
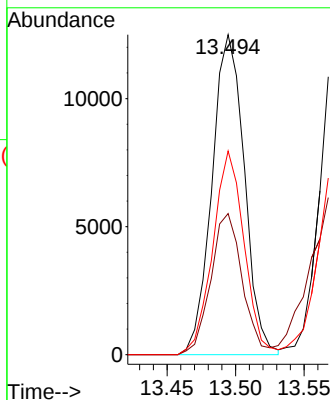
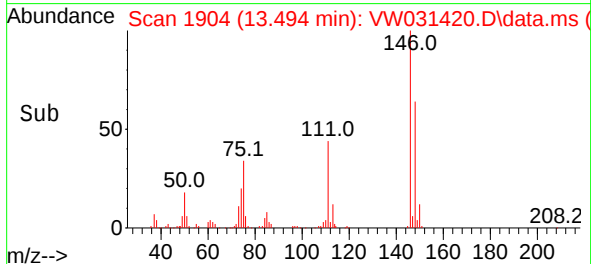
Instrument :
MSVOA_W
ClientSampleId :
MDL04



Tgt Ion:146 Resp: 2055
Ion Ratio Lower Upper
146 100
111 44.1 27.6 51.2
148 63.6 41.0 76.2

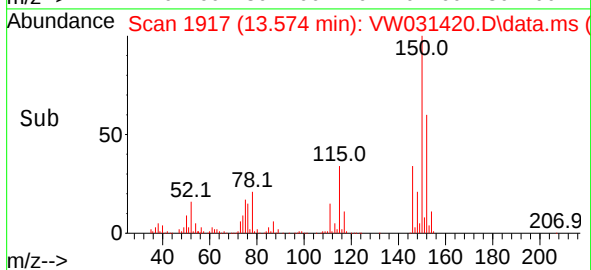
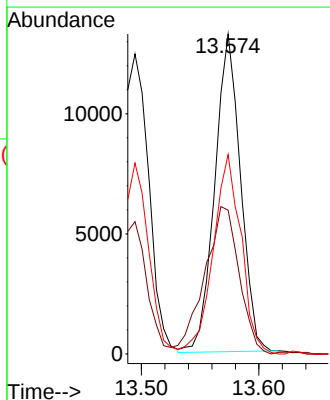
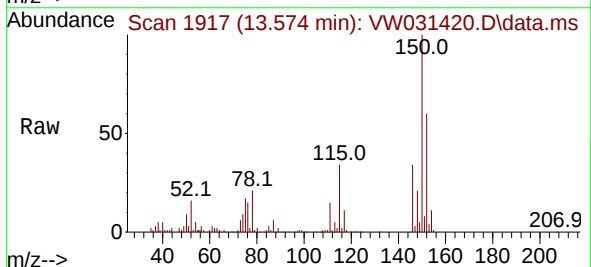
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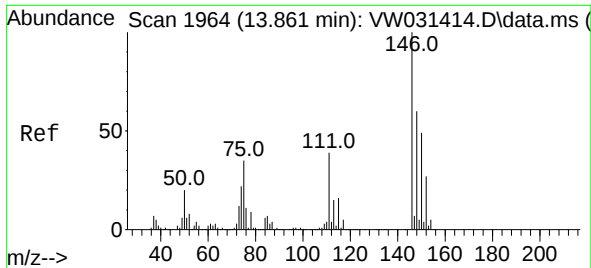
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#65
1,4-Dichlorobenzene
Concen: 1.256 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

Tgt Ion:146 Resp: 20141
Ion Ratio Lower Upper
146 100
111 44.9 30.7 56.9
148 62.3 46.5 86.3





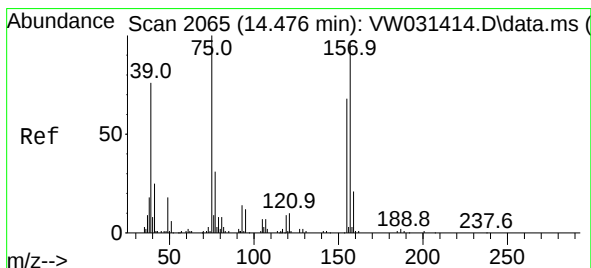
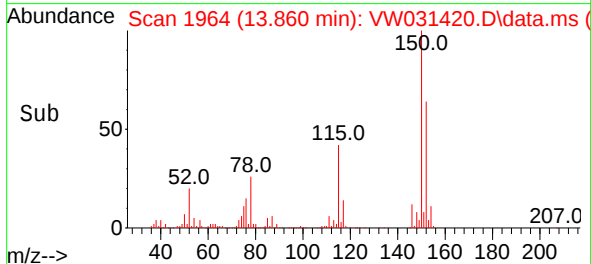
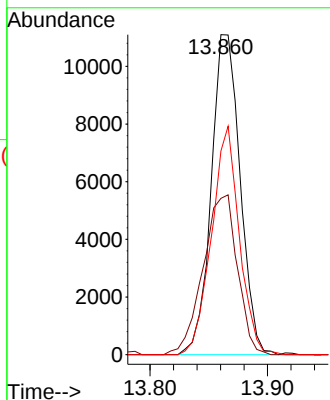
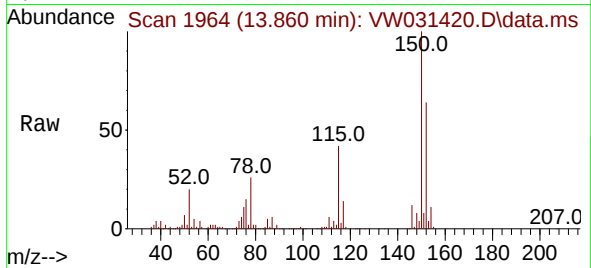
#67
1,2-Dichlorobenzene
Concen: 1.359 ug/L
RT: 13.860 min Scan# 1964
Delta R.T. -0.000 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

Instrument :
MSVOA_W
ClientSampleId :
MDL04

Tgt Ion:146 Resp: 1896
Ion Ratio Lower Upper
146 100
111 48.8 38.6 58.0
148 63.7 53.6 80.4

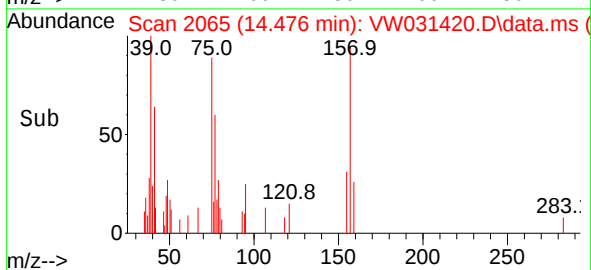
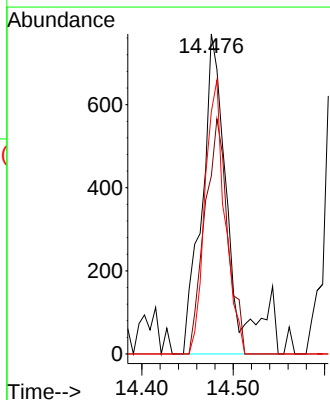
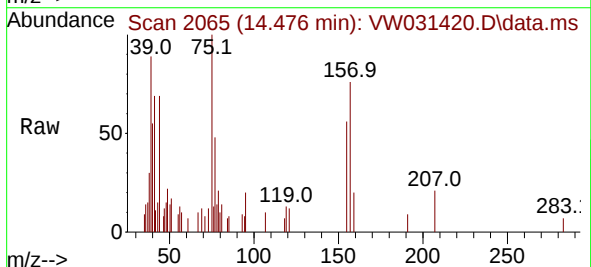
Manual Integrations
APPROVED

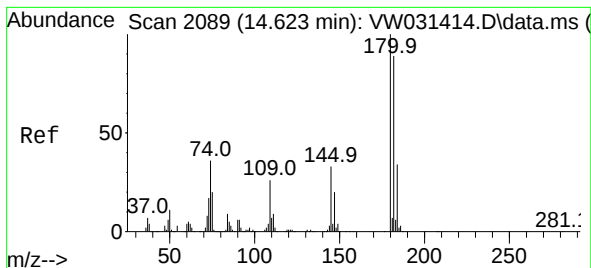
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#68
1,2-Dibromo-3-chloropropane
Concen: 1.453 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

Tgt Ion: 75 Resp: 1541
Ion Ratio Lower Upper
75 100
155 55.6 56.6 85.0#
157 75.6 71.2 106.8





#69

1,3,5-Trichlorobenzene

Concen: 1.196 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW031420.D

Acq: 20 Dec 2024 12:12

Instrument :

MSVOA_W

ClientSampleId :

MDL04

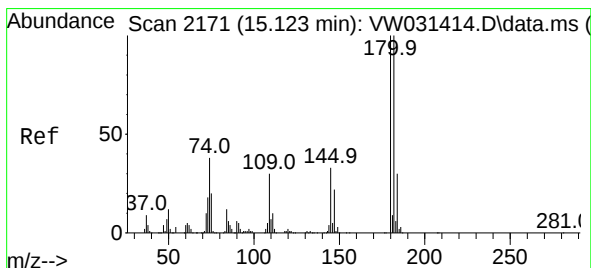
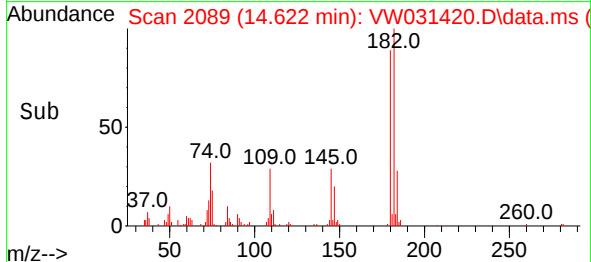
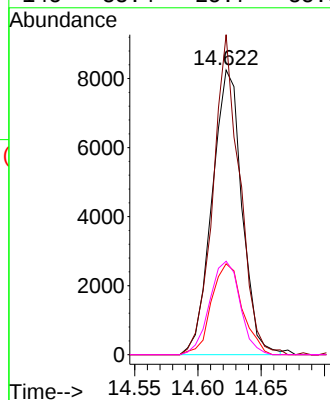
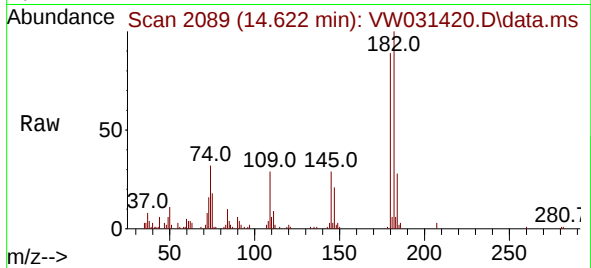
Tgt Ion:	180	Resp:	1356
Ion Ratio	Lower	Upper	
180	100		
182	100.1	75.0	112.4
184	32.9	24.6	36.8
145	33.4	25.7	38.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/23/2024



#70

1,2,4-trichlorobenzene

Concen: 1.256 ug/L

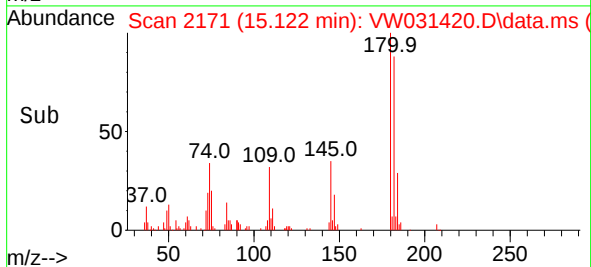
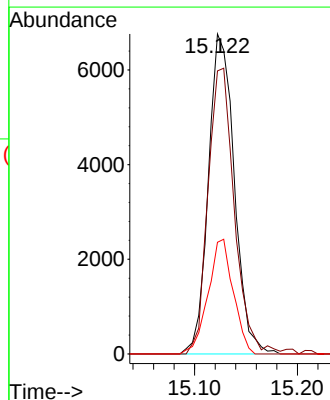
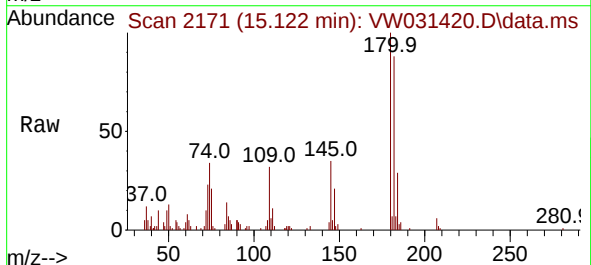
RT: 15.122 min Scan# 2171

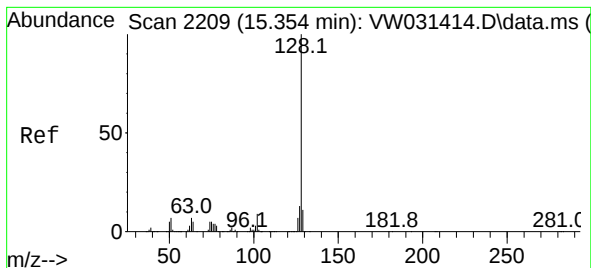
Delta R.T. -0.000 min

Lab File: VW031420.D

Acq: 20 Dec 2024 12:12

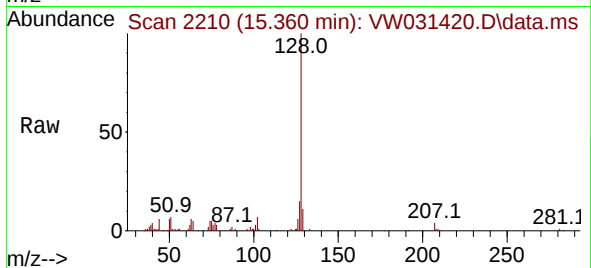
Tgt Ion:	180	Resp:	11846
Ion Ratio	Lower	Upper	
180	100		
182	89.4	78.2	117.2
145	34.7	26.7	40.1





#71
Naphthalene
Concen: 1.309 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

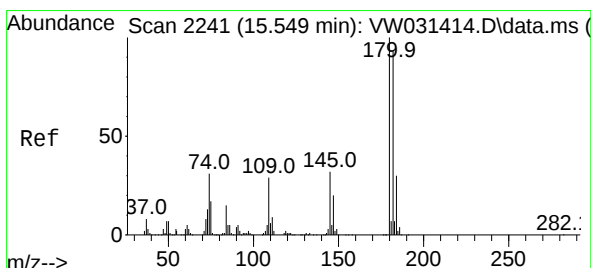
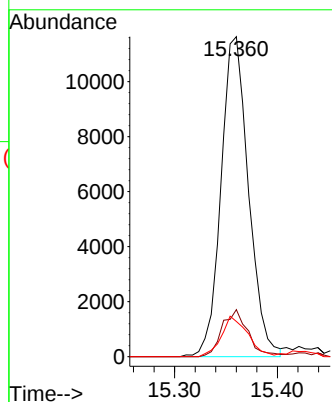
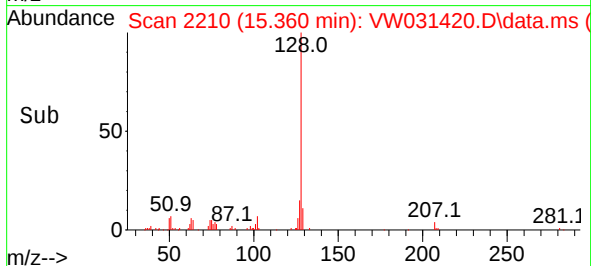
Instrument :
MSVOA_W
ClientSampleId :
MDL04



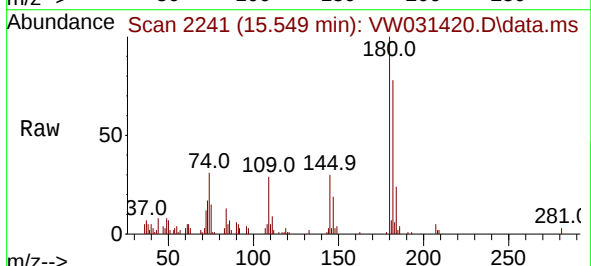
Tgt Ion:128 Resp: 2164
Ion Ratio Lower Upper
128 100
127 13.8 10.7 16.1
129 12.1 8.6 13.0

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



#72
1,2,3-Trichlorobenzene
Concen: 1.420 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12



Tgt Ion:180 Resp: 10790
Ion Ratio Lower Upper
180 100
182 91.9 75.0 112.4
145 35.5 27.8 41.6

