

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122124\
 Data File : VW031469.D
 Acq On : 21 Dec 2024 18:56
 Operator : SY/MD
 Sample : MDL07
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL07

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024
 Supervised By :Mahesh Dadoda 12/24/2024

Quant Time: Dec 23 00:19:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Dec 23 00:16:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	509715	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	468601	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	225460	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	153355	19.996	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.000%
7) Chloroethane-d5	2.893	69	129832	22.885	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.560%
11) 1,1-Dichloroethene-d2	4.021	65	67852	18.651	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.600%
21) 2-Butanone-d5	7.100	46	69770	48.307	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.620%
24) Chloroform-d	7.648	84	305970	21.909	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.640%
26) 1,2-Dichloroethane-d4	8.307	65	169647m	24.188	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.760%
32) Benzene-d6	8.270	84	611461	20.359	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.440%
36) 1,2-Dichloropropane-d6	9.270	67	186924	21.354	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.400%
41) Toluene-d8	10.319	98	555732	19.889	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.560%
43) trans-1,3-Dichloroprop...	10.575	79	68783	17.042	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.160%
47) 2-Hexanone-d5	10.922	63	53382	45.347	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.700%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	135975	24.741	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.960%
66) 1,2-Dichlorobenzene-d4	13.849	152	185519	22.165	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	5556m	1.206	ug/L	
3) Chloromethane	2.216	50	8220	1.588	ug/L	88
5) Vinyl chloride	2.369	62	10118	1.411	ug/L #	71
6) Bromomethane	2.790	94	6885	1.561	ug/L	88
8) Chloroethane	2.930	64	6624	1.553	ug/L	93
9) Trichlorofluoromethane	3.265	101	10541	1.380	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.058	101	10806m	1.751	ug/L	
12) 1,1-Dichloroethene	4.033	96	10686m	1.710	ug/L	
14) Carbon disulfide	4.387	76	21869	1.073	ug/L #	92
15) Methyl Acetate	4.698	43	6275m	2.747	ug/L	
17) trans-1,2-Dichloroethene	5.423	96	9279	1.378	ug/L	84
18) Methyl tert-butyl Ether	5.429	73	15710	1.395	ug/L	98
19) 1,1-Dichloroethane	6.216	63	17904	1.422	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	10315	1.415	ug/L	92
22) 2-Butanone	7.185	43	6892m	2.828	ug/L	
23) Bromochloromethane	7.520	128	4403	1.515	ug/L	90
25) Chloroform	7.673	83	21684	1.746	ug/L	94
27) 1,2-Dichloroethane	8.398	62	11843	1.516	ug/L	97
29) Cyclohexane	7.953	56	15150	1.192	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	7.868	97	14077	1.162	ug/L	94
31) Carbon tetrachloride	8.069	117	12375	1.147	ug/L	97
33) Benzene	8.325	78	39672	1.370	ug/L	100
34) Trichloroethene	9.093	95	10881	1.331	ug/L	97
35) Methylcyclohexane	9.331	83	17366	1.220	ug/L	98
37) 1,2-Dichloropropane	9.368	63	10112	1.400	ug/L #	97
38) Bromodichloromethane	9.642	83	11669	1.242	ug/L	89
39) cis-1,3-Dichloropropene	10.075	75	14663	1.201	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	11841	3.089	ug/L #	51
42) Toluene	10.386	91	42586	1.351	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	14003	1.405	ug/L	93
45) 1,1,2-Trichloroethane	10.788	97	7098	1.477	ug/L	98
46) Tetrachloroethene	10.855	164	8406	1.404	ug/L	88
48) 2-Hexanone	10.965	43	5203	1.596	ug/L #	84
49) Dibromochloromethane	11.130	129	6864	1.205	ug/L	85
50) 1,2-Dibromoethane	11.233	107	6634	1.457	ug/L	87
51) Chlorobenzene	11.654	112	27827	1.408	ug/L	95
52) Ethylbenzene	11.727	91	47553	1.301	ug/L	93
53) m,p-Xylene	11.831	106	18450	1.326	ug/L	95
54) o-Xylene	12.160	106	16668	1.271	ug/L	95
55) Styrene	12.178	104	27370	1.255	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.709	83	8999	1.737	ug/L #	95
59) Bromoform	12.343	173	3295	1.040	ug/L	96
60) Isopropylbenzene	12.459	105	47274	1.281	ug/L	97
61) 1,2,3-Trichloropropane	12.769	75	6201	1.607	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	37717	1.206	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	36133	1.195	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	21383	1.430	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	21458	1.449	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	18729	1.454	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.483	75	1516	1.548	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.623	180	13794	1.318	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	12539	1.440	ug/L	94
71) Naphthalene	15.360	128	21182	1.387	ug/L	97
72) 1,2,3-Trichlorobenzene	15.549	180	10776	1.536	ug/L	93

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

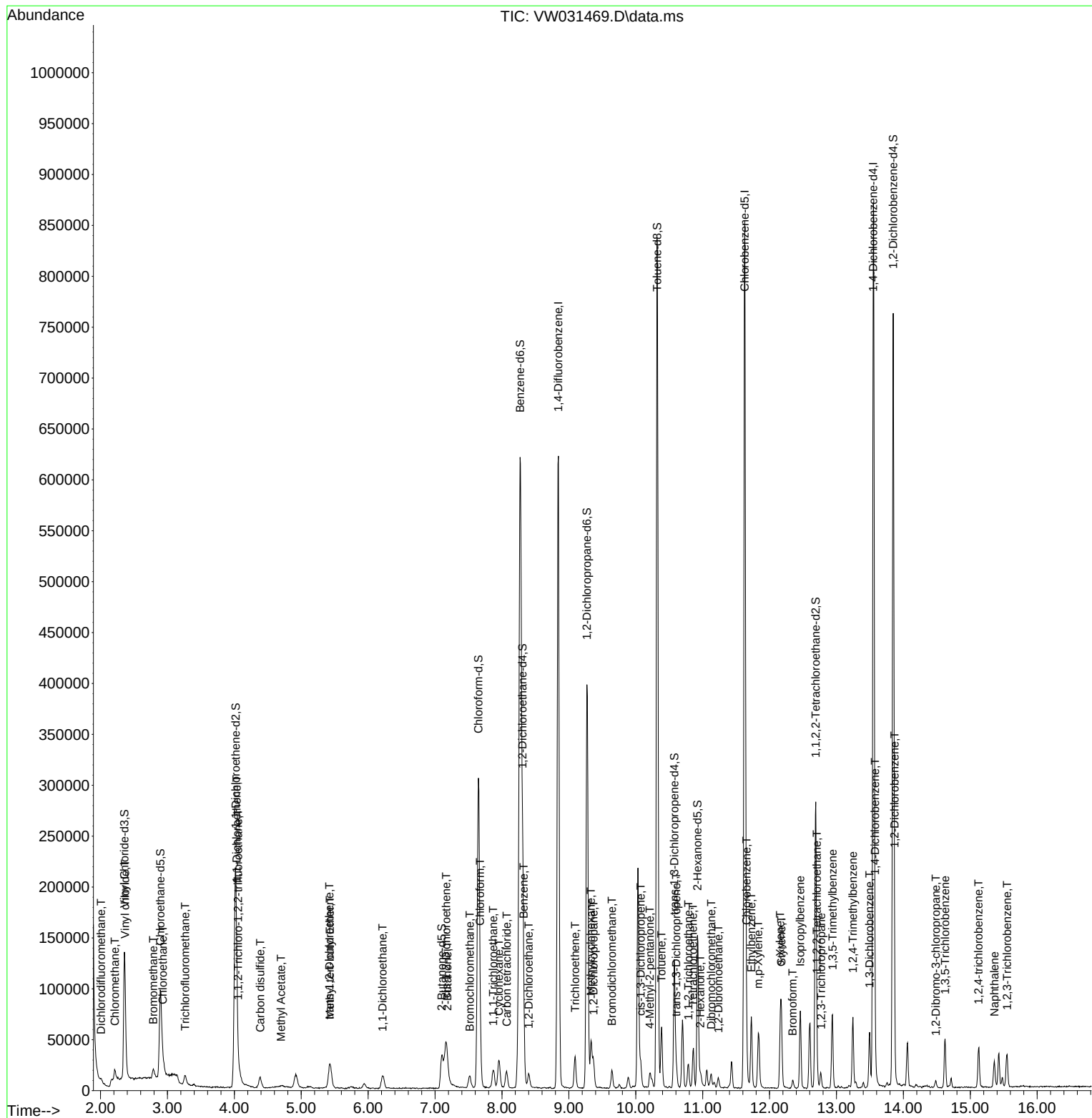
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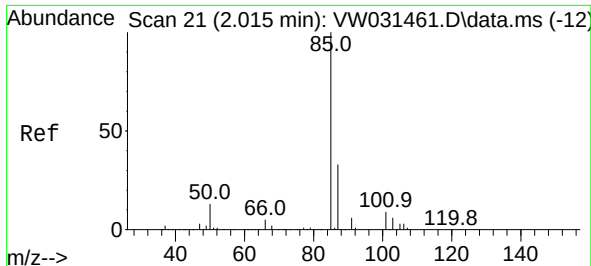
Instrument :
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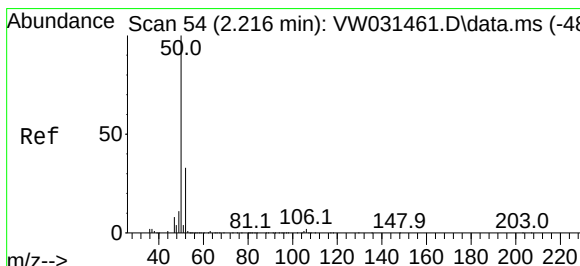
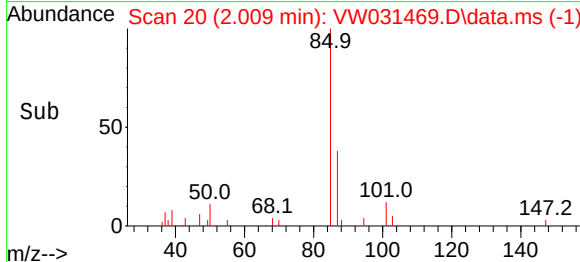
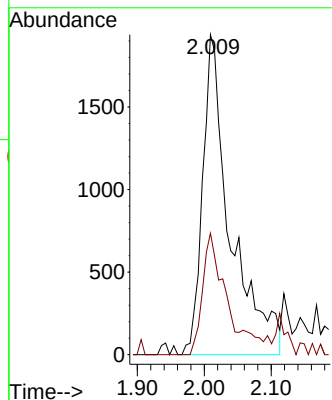
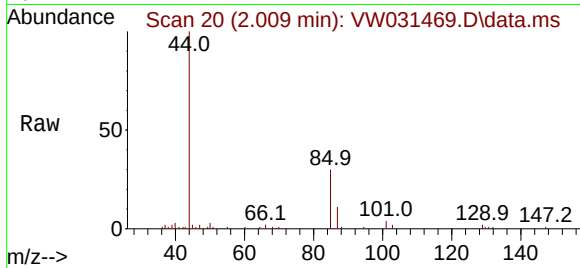
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Dichlorodifluoromethane
Concen: 1.206 ug/L m
RT: 2.009 min Scan# 20
Delta R.T. -0.006 min
Lab File: VW031469.D
Acq: 21 Dec 2024 18:56

Instrument :
MSVOA_W
ClientSampleId :
MDL07

Tgt Ion: 85 Resp: 555
Ion Ratio Lower Upper
85 100
87 1.2 24.9 37.3

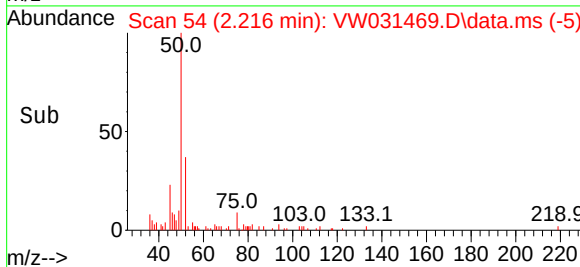
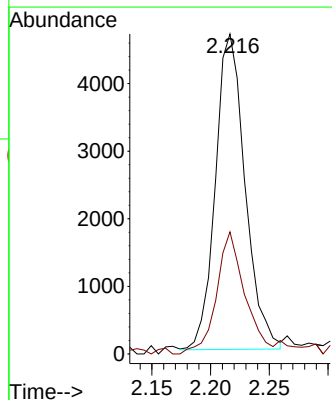
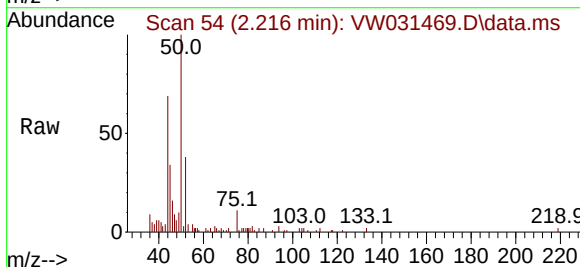
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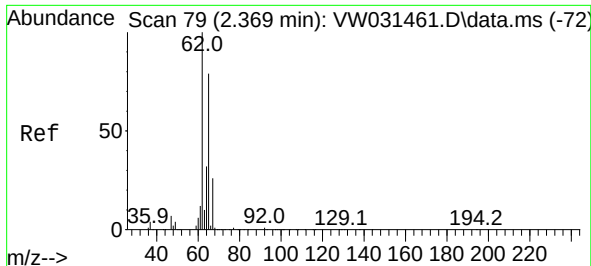
Reviewed By :Semsettin Yesilyurt 12/23/2024
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#3
Chloromethane
Concen: 1.588 ug/L
RT: 2.216 min Scan# 54
Delta R.T. 0.000 min
Lab File: VW031469.D
Acq: 21 Dec 2024 18:56

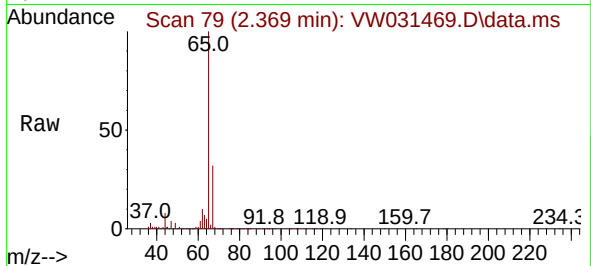
Tgt Ion: 50 Resp: 8220
Ion Ratio Lower Upper
50 100
52 38.1 22.0 41.0





#5
 Vinyl chloride
 Concen: 1.411 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: VW031469.D
 Acq: 21 Dec 2024 18:56

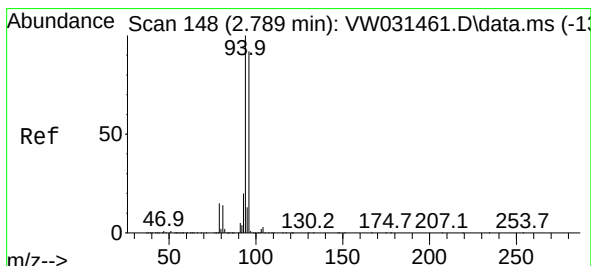
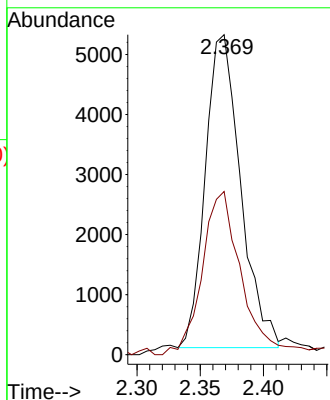
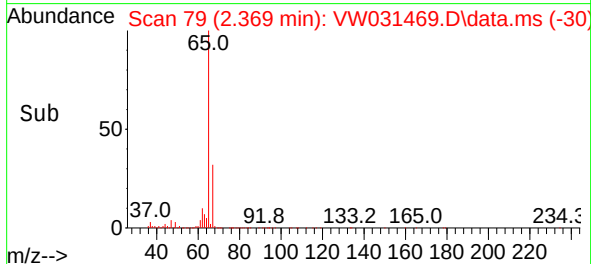
Instrument :
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Tgt Ion: 62 Resp: 10118
 Ion Ratio Lower Upper
 62 100
 64 51.0 24.1 44.8

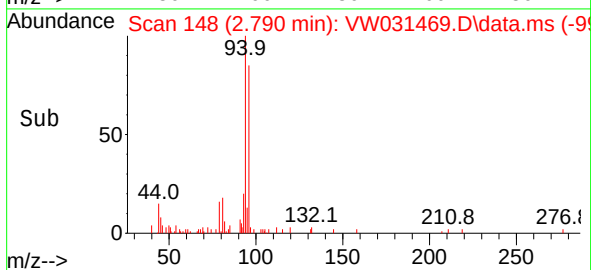
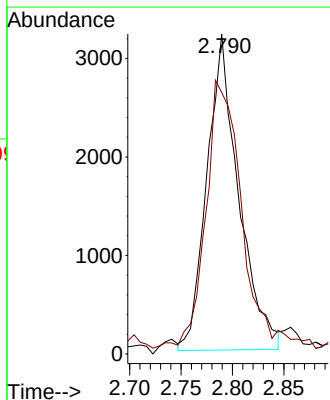
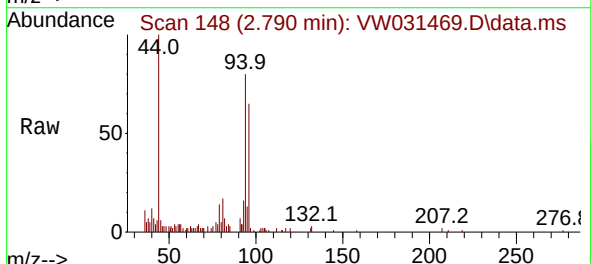
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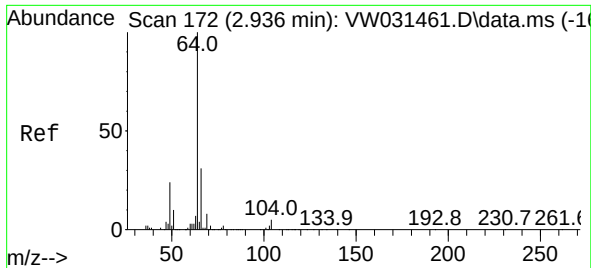
Reviewed By :Semsettin Yesilyurt 12/23/2024
 Supervised By :Mahesh Dadoda 12/24/2024



#6
 Bromomethane
 Concen: 1.561 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW031469.D
 Acq: 21 Dec 2024 18:56

Tgt Ion: 94 Resp: 6885
 Ion Ratio Lower Upper
 94 100
 96 81.7 65.6 121.8





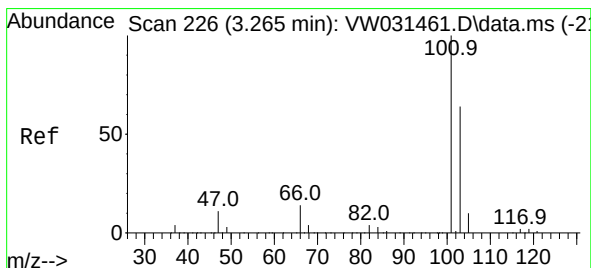
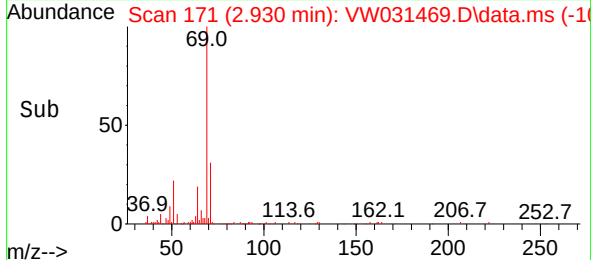
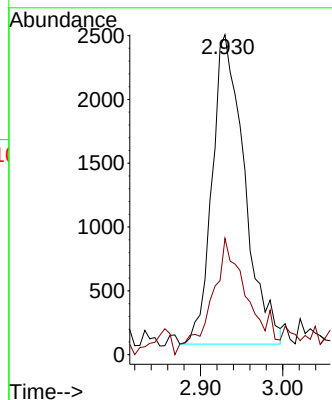
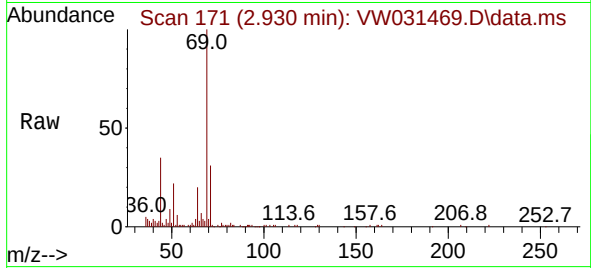
#8
Chloroethane
Concen: 1.553 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW031469.D
Acq: 21 Dec 2024 18:56

Instrument :
MSVOA_W
ClientSampleId :
MDL07

Tgt Ion: 64 Resp: 6624
Ion Ratio Lower Upper
64 100
66 36.4 22.7 42.3

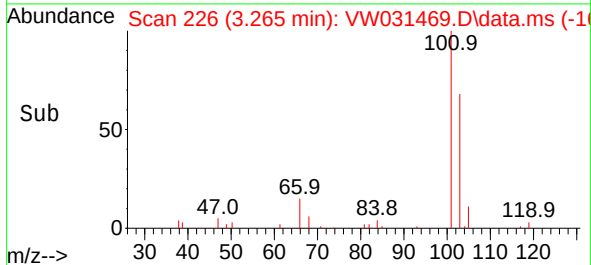
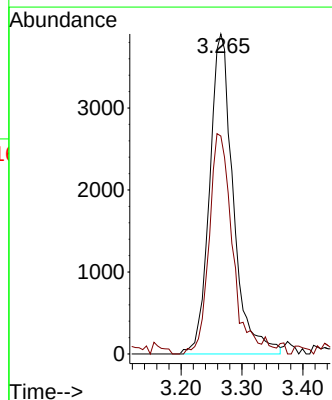
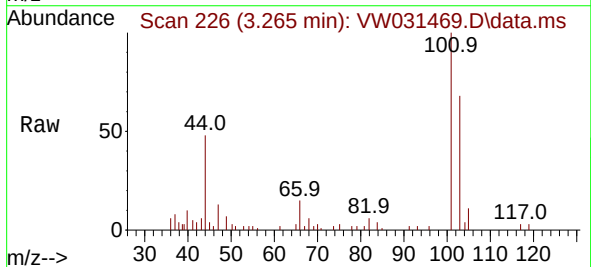
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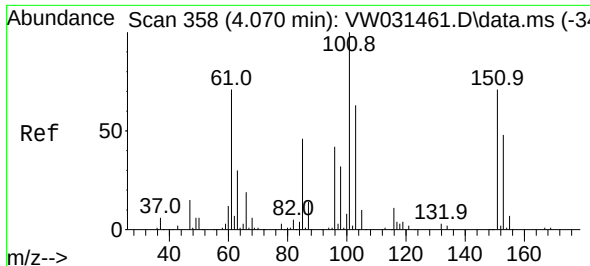
Reviewed By :Semsettin Yesilyurt 12/23/2024
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#9
Trichlorofluoromethane
Concen: 1.380 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW031469.D
Acq: 21 Dec 2024 18:56

Tgt Ion:101 Resp: 10541
Ion Ratio Lower Upper
101 100
103 66.6 51.6 77.4





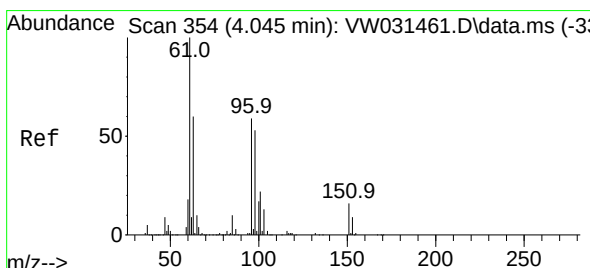
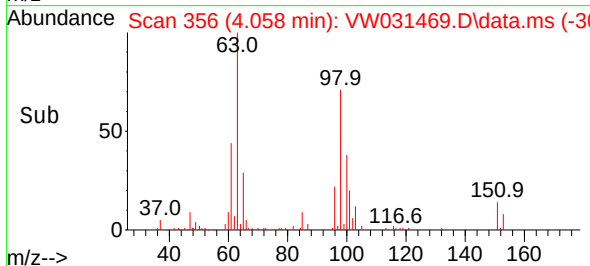
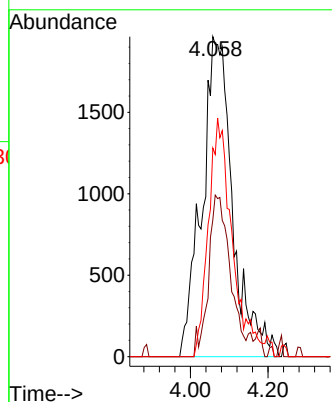
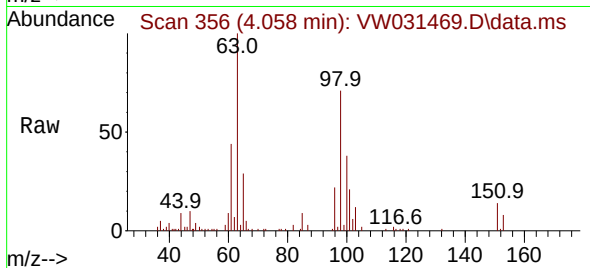
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.751 ug/L m
RT: 4.058 min Scan# 358
Delta R.T. -0.012 min
Lab File: VW031469.D
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Tgt Ion: 101 Resp: 10800
Ion Ratio Lower Upper
101 100
85 34.5 33.0 49.4
151 53.0 54.8 82.2

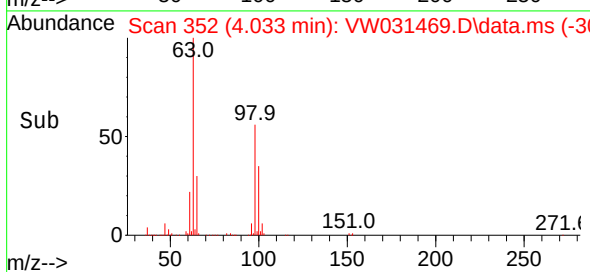
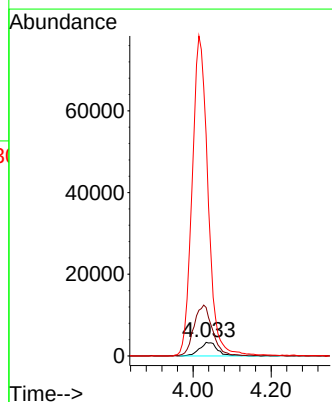
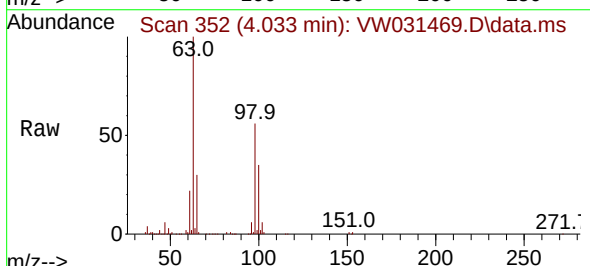
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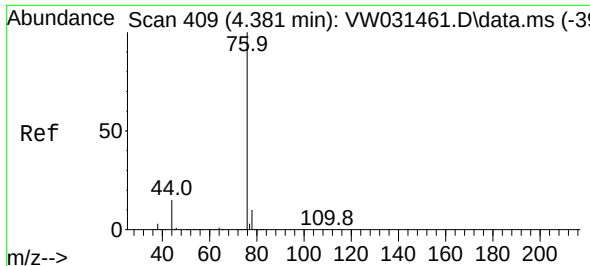
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Supervised By :Mahesh Dadoda 12/24/2024



#12
1,1-Dichloroethene
Concen: 1.710 ug/L m
RT: 4.033 min Scan# 352
Delta R.T. -0.012 min
Lab File: VW031469.D
Acq: 21 Dec 2024 18:56

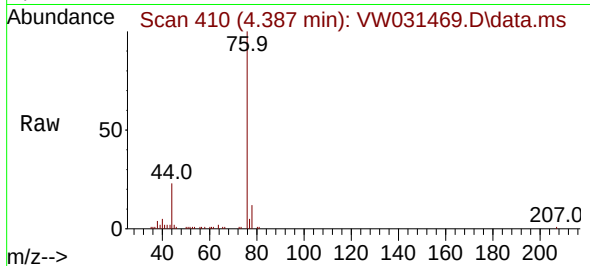
Tgt Ion: 96 Resp: 10686
Ion Ratio Lower Upper
96 100
61 355.4 125.3 232.7#
63 1624.7 104.6 194.2#





#14
Carbon disulfide
Concen: 1.073 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.006 min
Lab File: VW031469.D
Acq: 21 Dec 2024 18:56

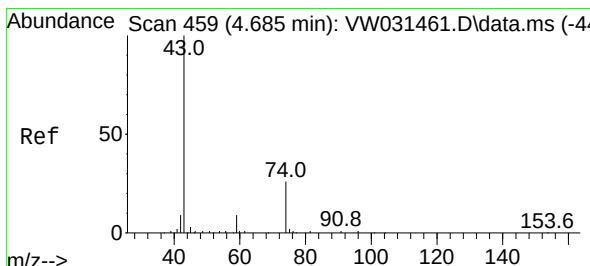
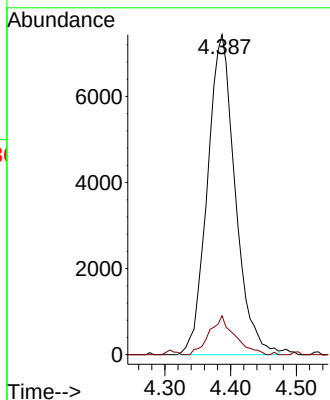
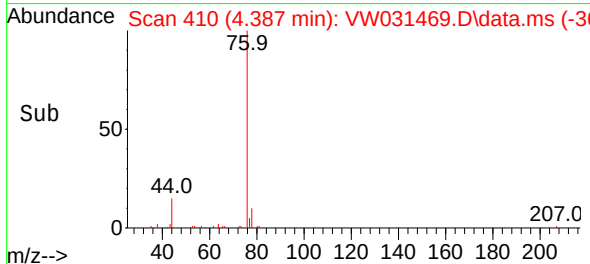
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Tgt Ion: 76 Resp: 21869
Ion Ratio Lower Upper
76 100
78 12.2 7.3 10.9

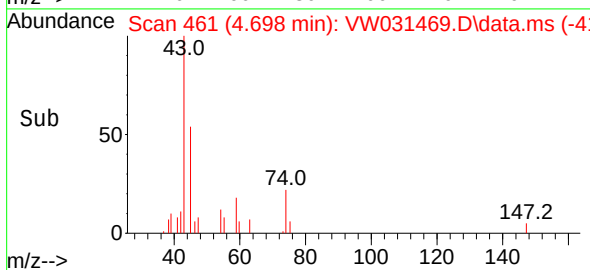
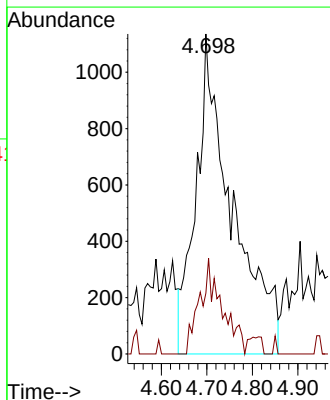
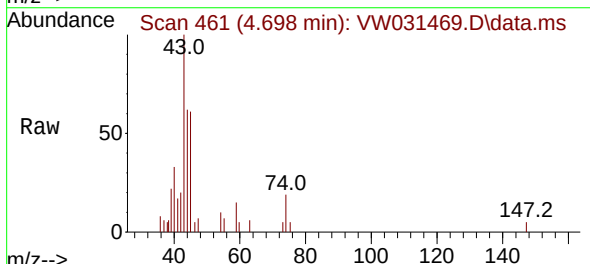
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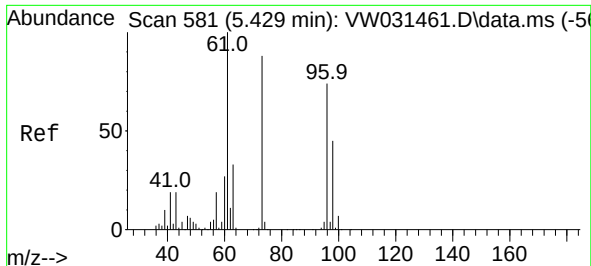
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#15
Methyl Acetate
Concen: 2.747 ug/L m
RT: 4.698 min Scan# 461
Delta R.T. 0.012 min
Lab File: VW031469.D
Acq: 21 Dec 2024 18:56

Tgt Ion: 43 Resp: 6275
Ion Ratio Lower Upper
43 100
74 1.8 18.9 28.3





#17

trans-1,2-Dichloroethene

Concen: 1.378 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW031469.D

Acq: 21 Dec 2024 18:56

Instrument :

MSVOA_W

ClientSampleId :

MDL07

Tgt Ion: 96 Resp: 9279

Ion Ratio Lower Upper

96 100

61 122.6 100.7 187.1

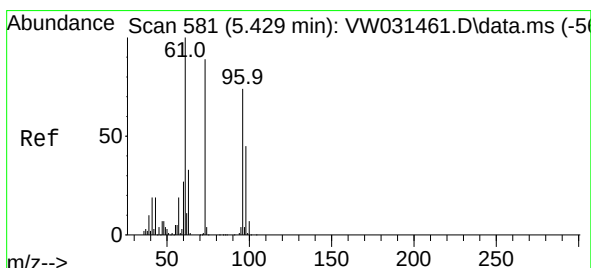
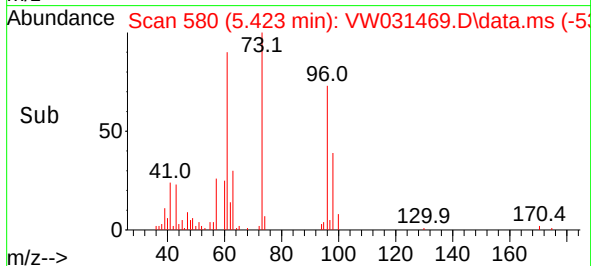
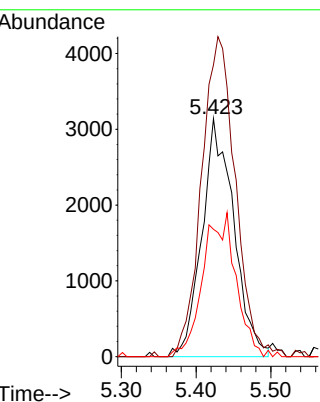
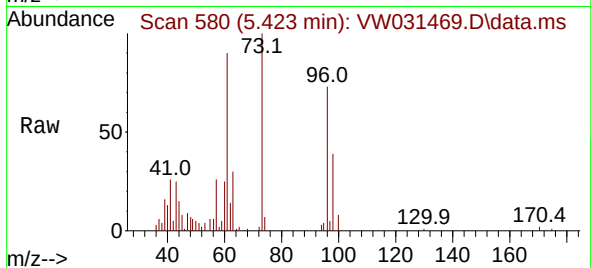
98 53.5 43.8 81.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/24/2024



#18

Methyl tert-butyl Ether

Concen: 1.395 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW031469.D

Acq: 21 Dec 2024 18:56

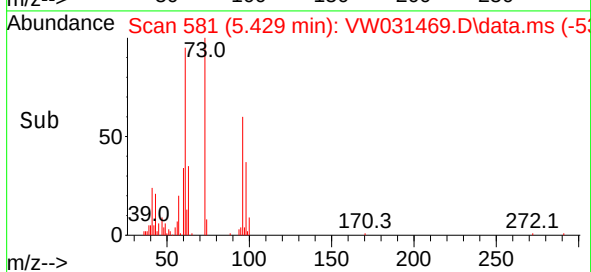
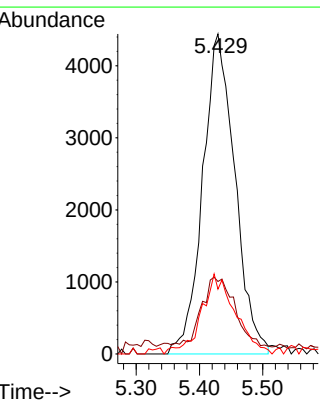
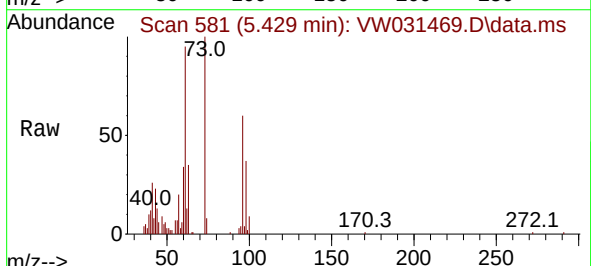
Tgt Ion: 73 Resp: 15710

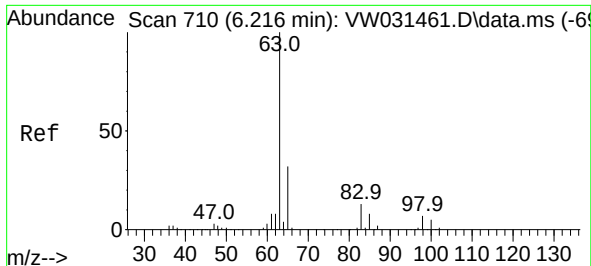
Ion Ratio Lower Upper

73 100

43 22.4 17.9 26.9

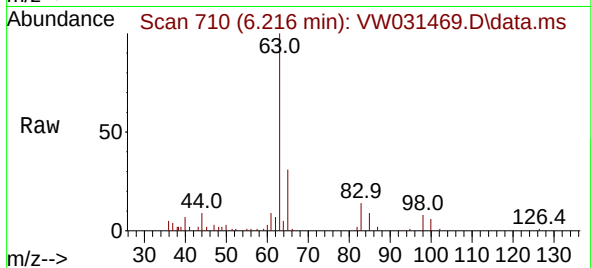
57 24.1 17.9 26.9





#19
1,1-Dichloroethane
Concen: 1.422 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW031469.D
Acq: 21 Dec 2024 18:56

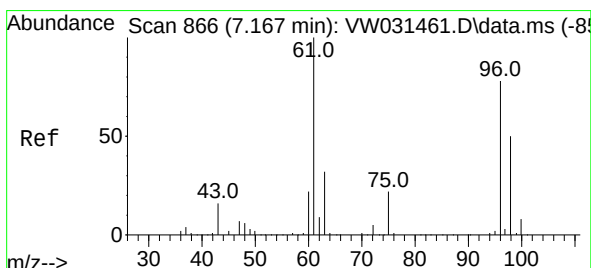
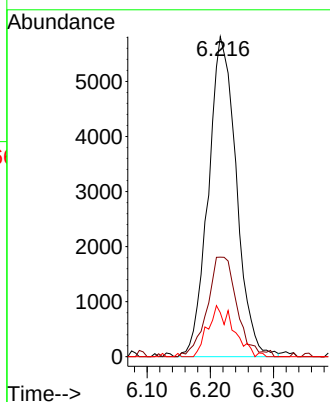
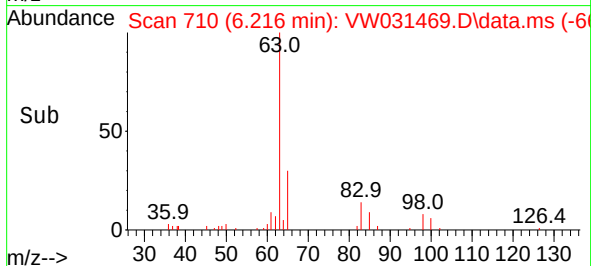
Instrument :
MSVOA_W
ClientSampleId :
MDL07



Tgt Ion: 63 Resp: 17904
Ion Ratio Lower Upper
63 100
65 31.1 21.9 40.7
83 13.8 9.3 17.3

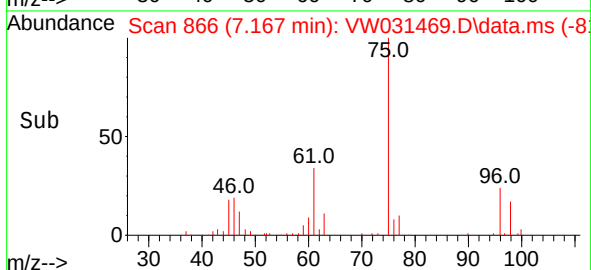
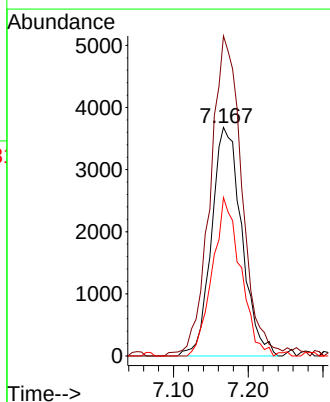
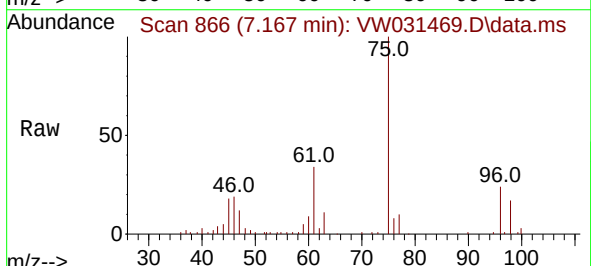
Manual Integrations
APPROVED

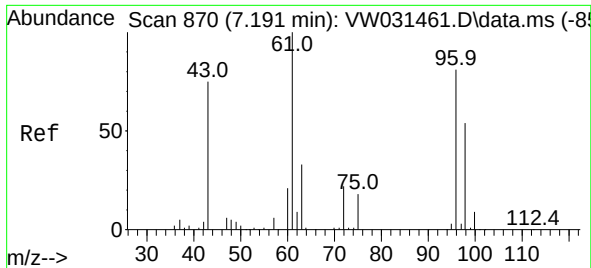
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#20
cis-1,2-Dichloroethene
Concen: 1.415 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW031469.D
Acq: 21 Dec 2024 18:56

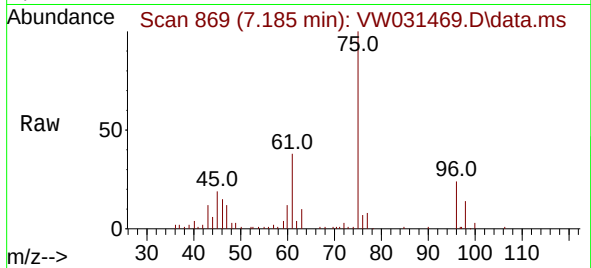
Tgt Ion: 96 Resp: 10315
Ion Ratio Lower Upper
96 100
61 140.0 92.2 171.2
98 69.3 43.7 81.1





#22
2-Butanone
Concen: 2.828 ug/L m
RT: 7.185 min Scan# 870
Delta R.T. -0.006 min
Lab File: VW031469.D
Acq: 21 Dec 2024 18:56

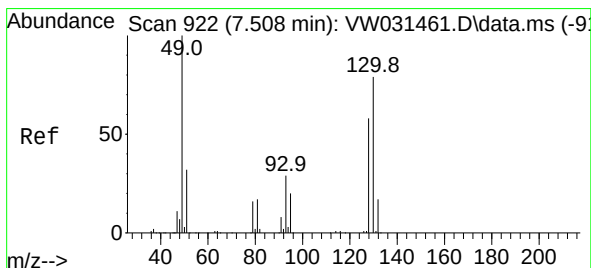
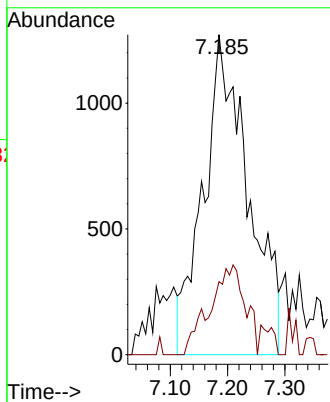
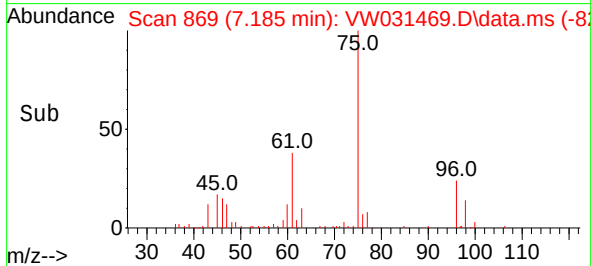
Instrument :
MSVOA_W
ClientSampleId :
MDL07



Tgt Ion: 43 Resp: 6892
Ion Ratio Lower Upper
43 100
72 13.5 13.3 39.8

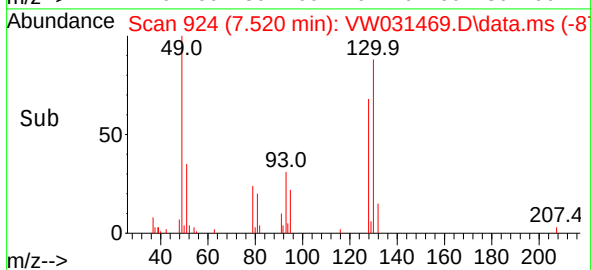
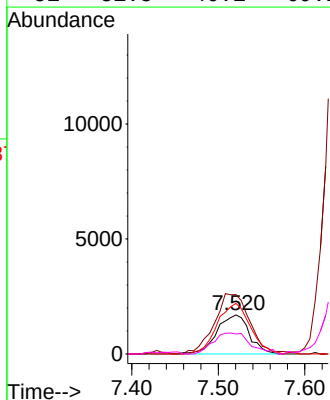
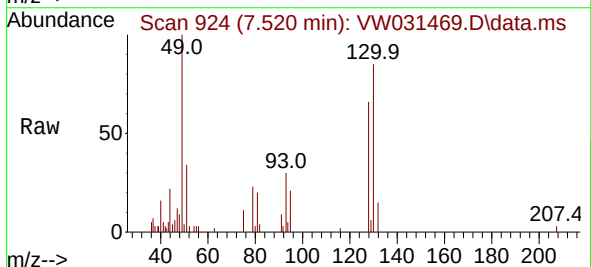
Manual Integrations
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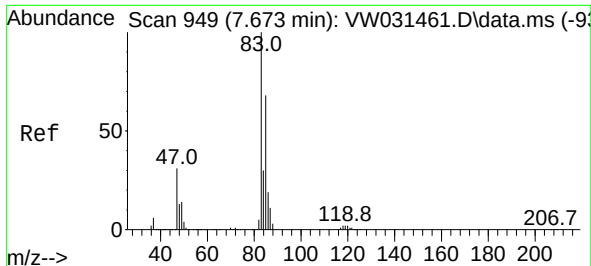
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#23
Bromochloromethane
Concen: 1.515 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.012 min
Lab File: VW031469.D
Acq: 21 Dec 2024 18:56

Tgt Ion:128 Resp: 4403
Ion Ratio Lower Upper
128 100
49 152.4 123.7 229.7
130 129.8 90.3 167.7
51 51.5 46.1 69.1





#25

Chloroform

Concen: 1.746 ug/L

RT: 7.673 min Scan# 949

Delta R.T. 0.000 min

Lab File: VW031469.D

Acq: 21 Dec 2024 18:56

Instrument :

MSVOA_W

ClientSampleId :

MDL07

Tgt Ion: 83 Resp: 21684

Ion Ratio Lower Upper

83 100

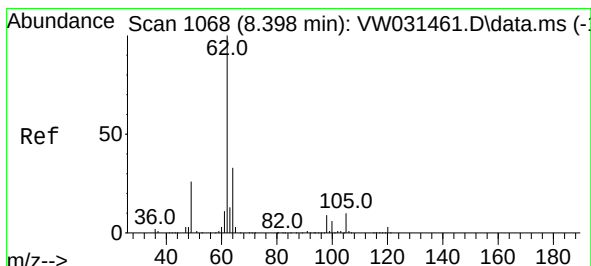
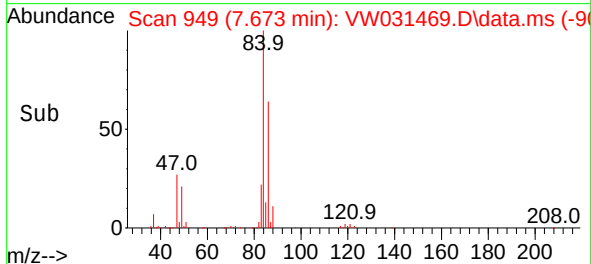
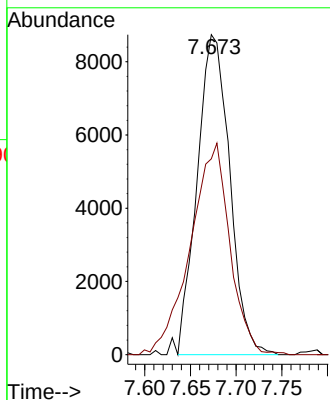
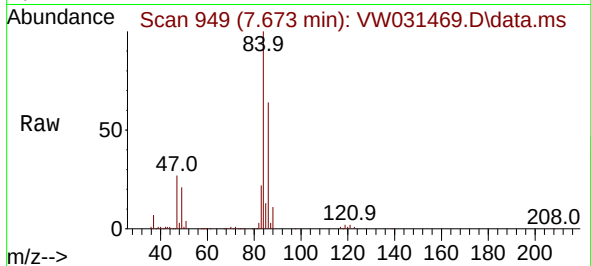
85 61.2 46.1 85.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/24/2024



#27

1,2-Dichloroethane

Concen: 1.516 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW031469.D

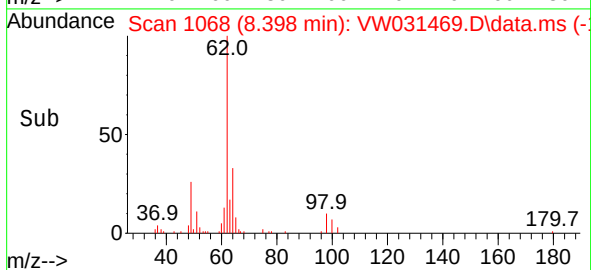
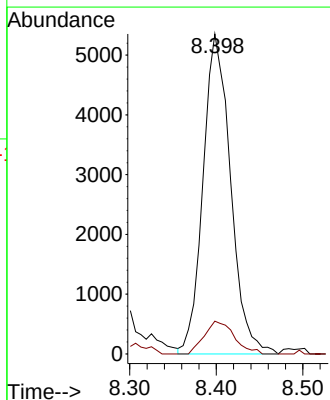
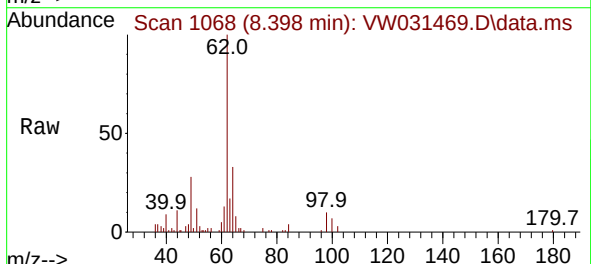
Acq: 21 Dec 2024 18:56

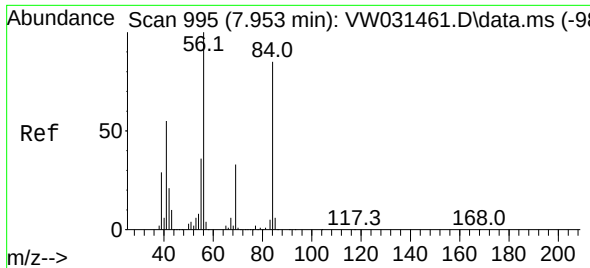
Tgt Ion: 62 Resp: 11843

Ion Ratio Lower Upper

62 100

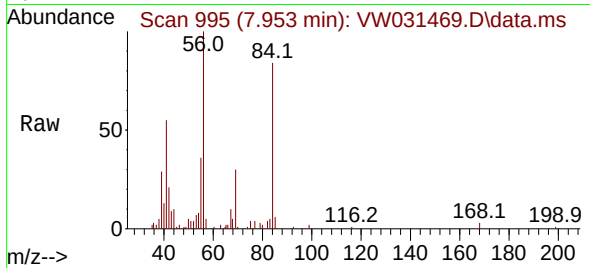
98 10.2 7.2 10.8





#29
Cyclohexane
Concen: 1.192 ug/L
RT: 7.953 min Scan# 995
Delta R.T. 0.000 min
Lab File: VW031469.D
Acq: 21 Dec 2024 18:56

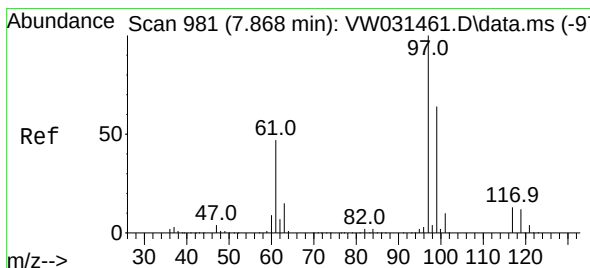
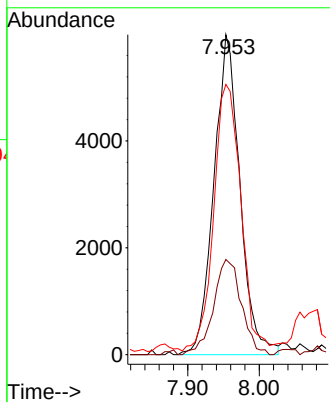
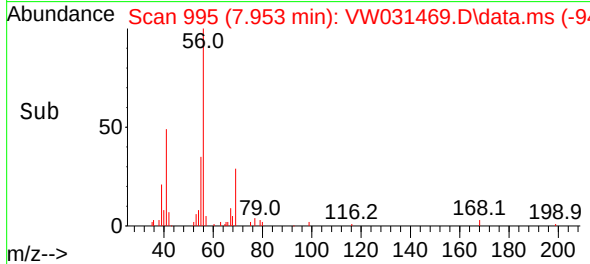
Instrument :
MSVOA_W
ClientSampleId :
MDL07



Tgt Ion: 56 Resp: 15150
Ion Ratio Lower Upper
56 100
69 31.7 25.0 37.4
84 86.9 68.9 103.3

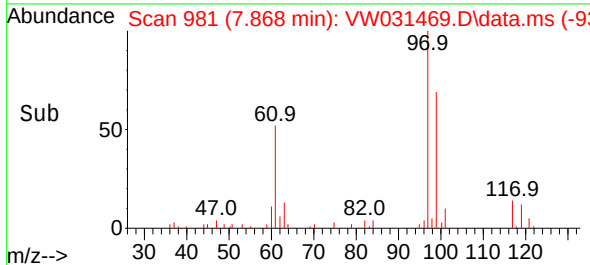
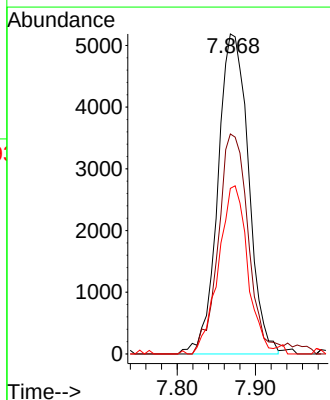
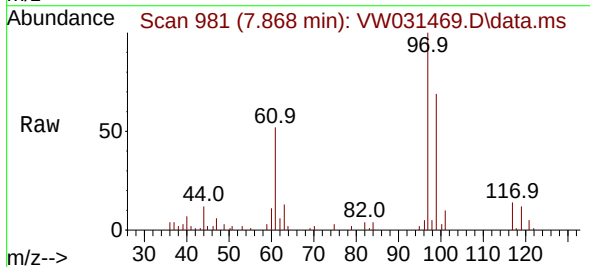
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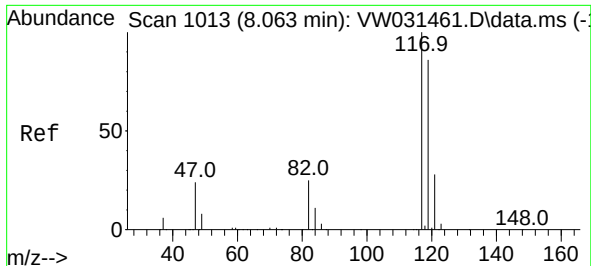
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#30
1,1,1-Trichloroethane
Concen: 1.162 ug/L
RT: 7.868 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW031469.D
Acq: 21 Dec 2024 18:56

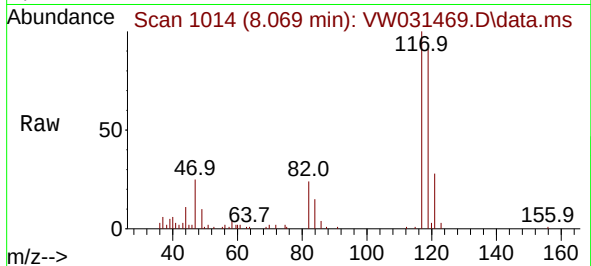
Tgt Ion: 97 Resp: 14077
Ion Ratio Lower Upper
97 100
99 67.4 51.1 76.7
61 50.0 36.3 54.5





#31
Carbon tetrachloride
Concen: 1.147 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.006 min
Lab File: VW031469.D
Acq: 21 Dec 2024 18:56

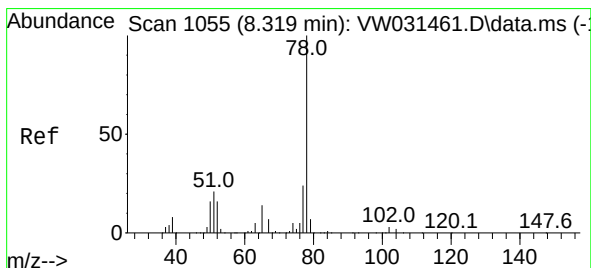
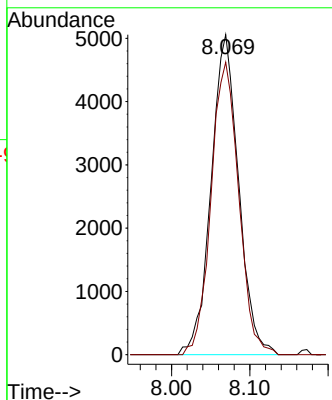
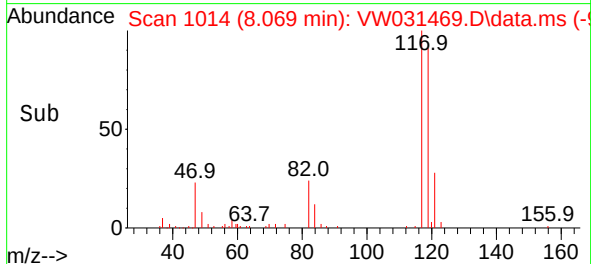
Instrument :
MSVOA_W
ClientSampleId :
MDL07



Tgt Ion:117 Resp: 1237
Ion Ratio Lower Upper
117 100
119 91.7 76.0 114.0

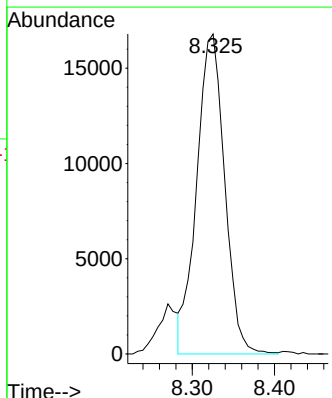
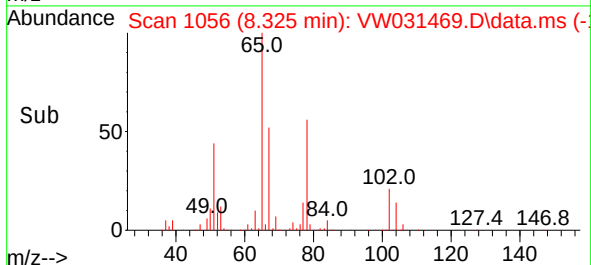
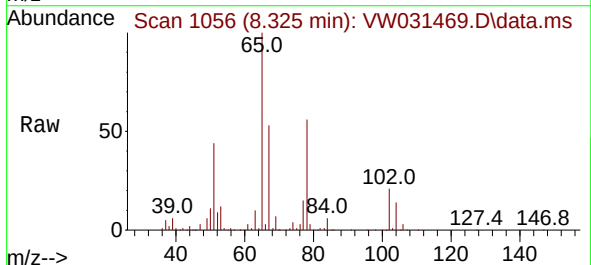
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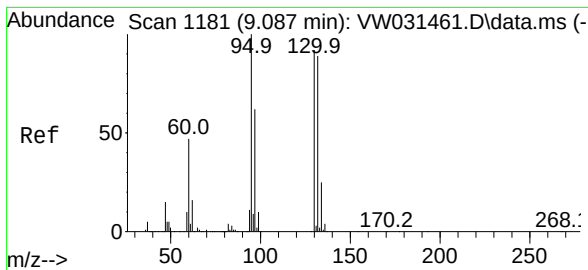
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#33
Benzene
Concen: 1.370 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW031469.D
Acq: 21 Dec 2024 18:56

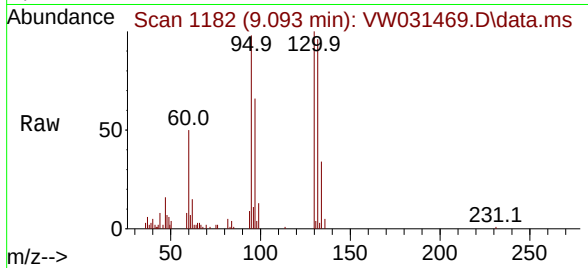
Tgt Ion: 78 Resp: 39672





#34
Trichloroethene
Concen: 1.331 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.006 min
Lab File: VW031469.D
Acq: 21 Dec 2024 18:56

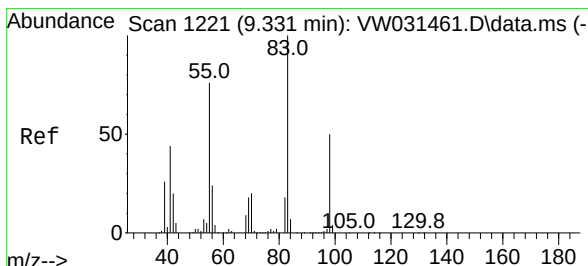
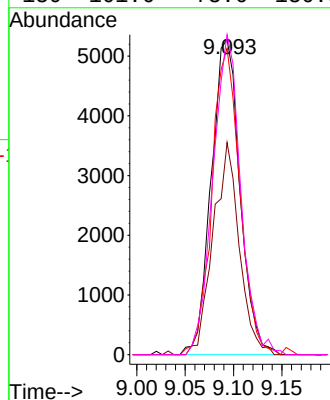
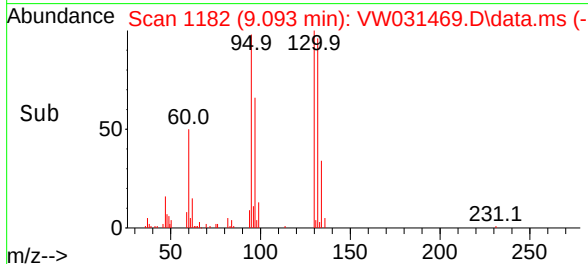
Instrument :
MSVOA_W
ClientSampleId :
MDL07



Tgt Ion: 95 Resp: 1088
Ion Ratio Lower Upper
95 100
97 67.3 46.5 86.3
132 97.3 70.3 130.5
130 101.6 73.6 136.8

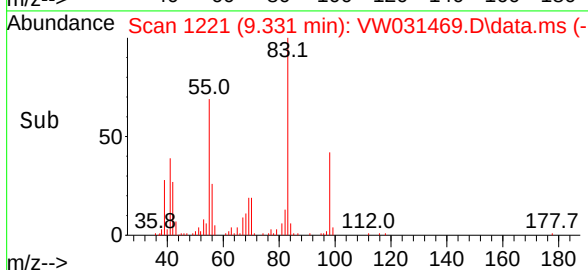
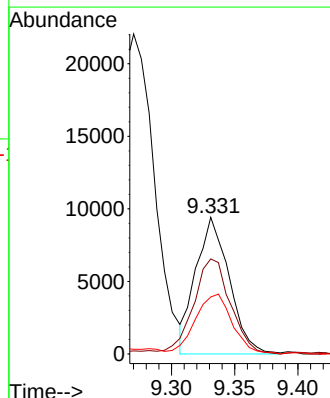
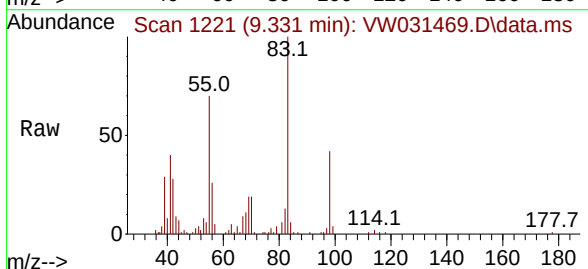
Manual Integrations
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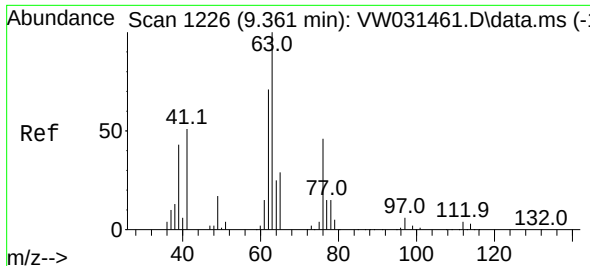
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#35
Methylcyclohexane
Concen: 1.220 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. 0.000 min
Lab File: VW031469.D
Acq: 21 Dec 2024 18:56

Tgt Ion: 83 Resp: 17366
Ion Ratio Lower Upper
83 100
55 76.6 62.6 93.8
98 48.2 39.8 59.6





#37

1,2-Dichloropropane

Concen: 1.400 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VW031469.D

Acq: 21 Dec 2024 18:56

Instrument :

MSVOA_W

ClientSampleId :

MDL07

Tgt Ion: 63 Resp: 1011

Ion Ratio Lower Upper

63 100

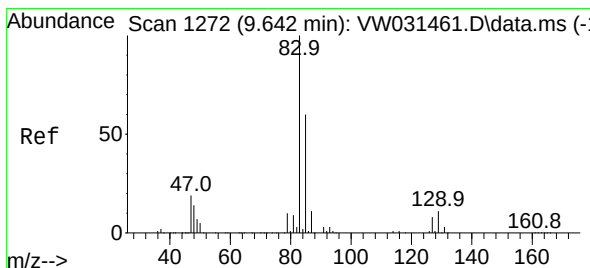
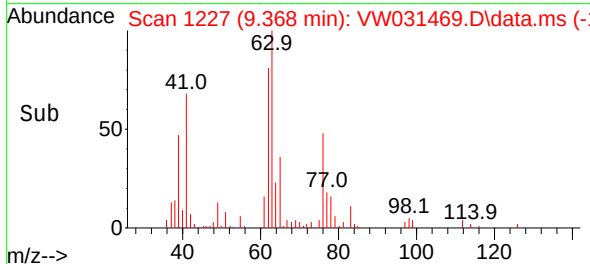
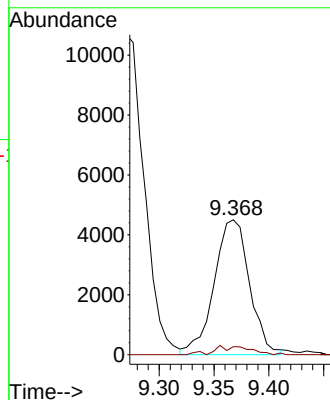
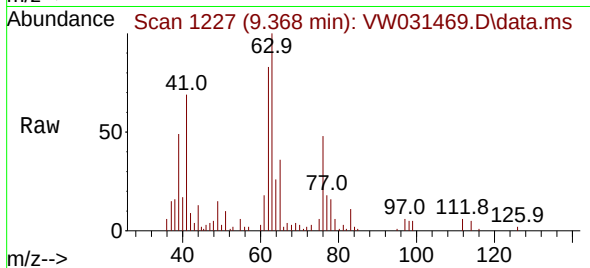
112 3.7 3.8 5.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/24/2024



#38

Bromodichloromethane

Concen: 1.242 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031469.D

Acq: 21 Dec 2024 18:56

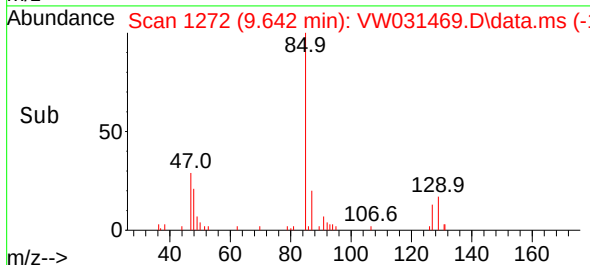
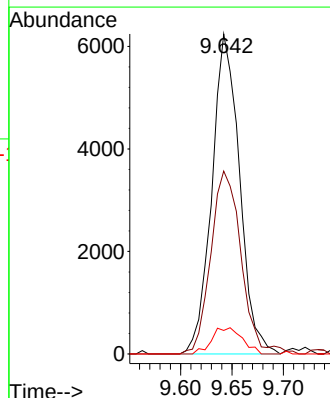
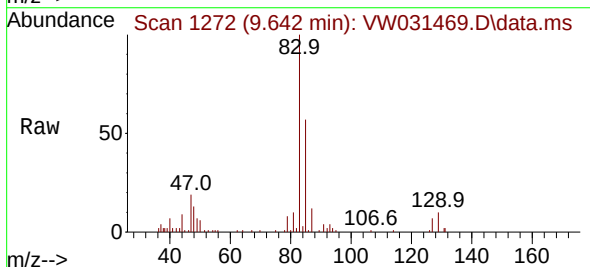
Tgt Ion: 83 Resp: 11669

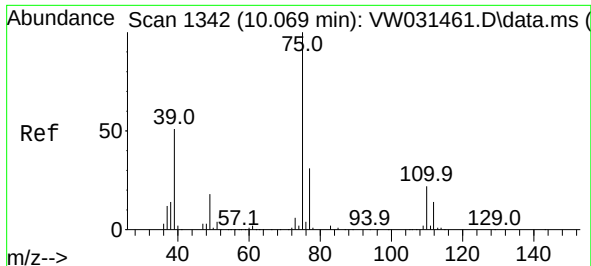
Ion Ratio Lower Upper

83 100

85 57.2 46.5 86.5

127 7.4 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 1.201 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW031469.D

Acq: 21 Dec 2024 18:56

Instrument :

MSVOA_W

ClientSampleId :

MDL07

Tgt Ion: 75 Resp: 1466

Ion Ratio Lower Upper

75 100

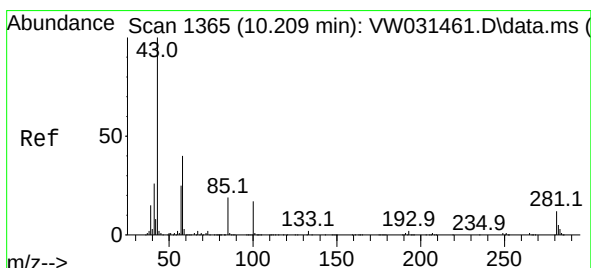
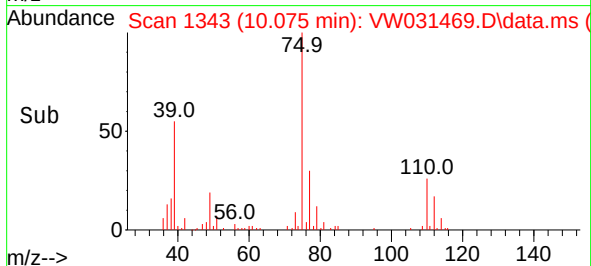
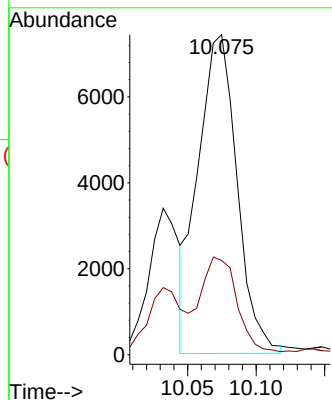
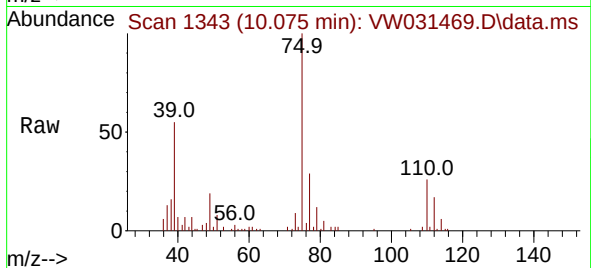
77 29.5 21.8 40.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/24/2024



#40

4-Methyl-2-pentanone

Concen: 3.089 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW031469.D

Acq: 21 Dec 2024 18:56

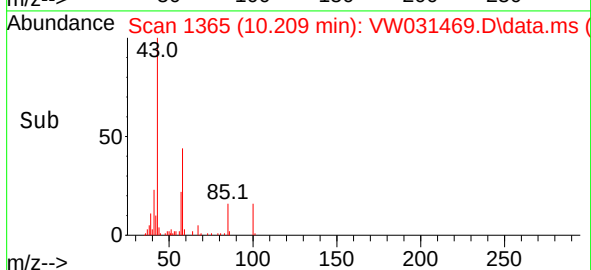
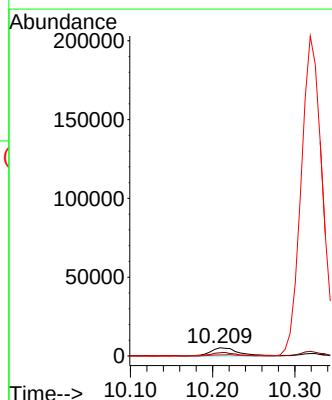
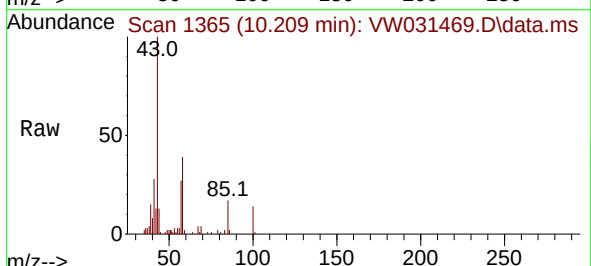
Tgt Ion: 43 Resp: 11841

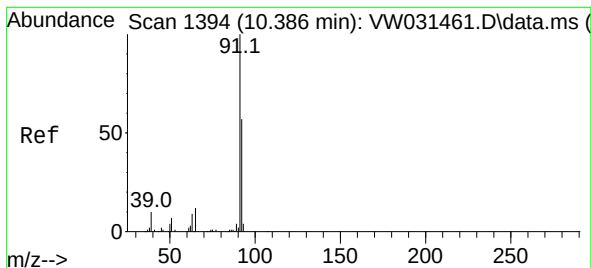
Ion Ratio Lower Upper

43 100

58 1.2 31.1 46.7#

100 8.3 13.0 19.6#





#42

Toluene

Concen: 1.351 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW031469.D

Acq: 21 Dec 2024 18:56

Instrument :

MSVOA_W

ClientSampleId :

MDL07

Tgt Ion: 91 Resp: 42586

Ion Ratio Lower Upper

91 100

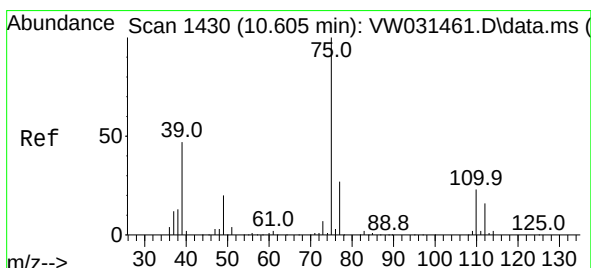
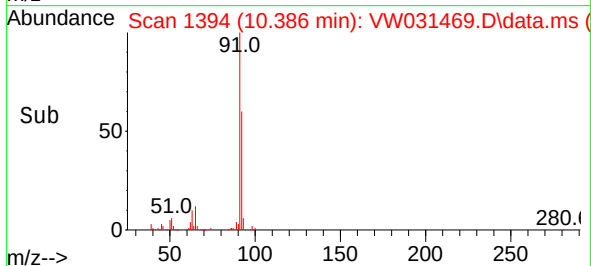
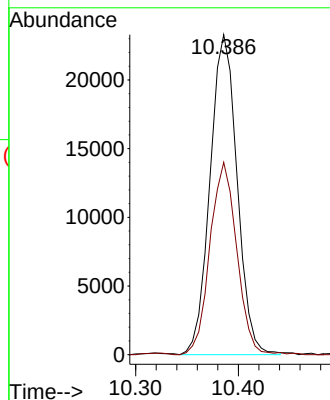
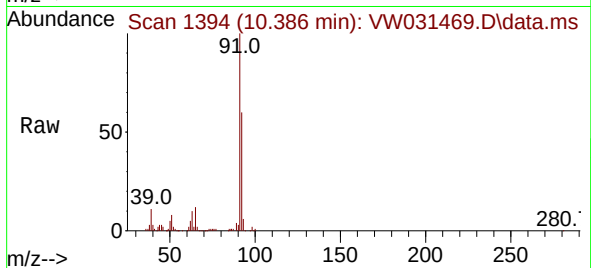
92 60.1 40.3 74.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/24/2024



#44

trans-1,3-Dichloropropene

Concen: 1.405 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031469.D

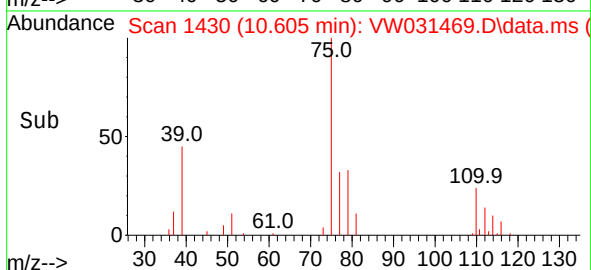
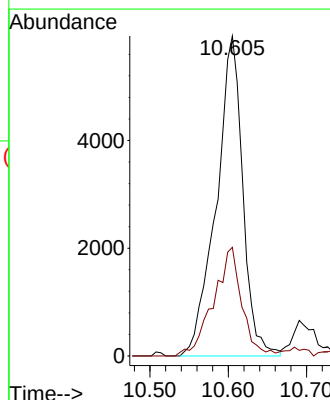
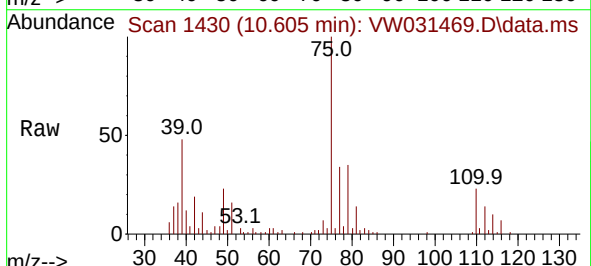
Acq: 21 Dec 2024 18:56

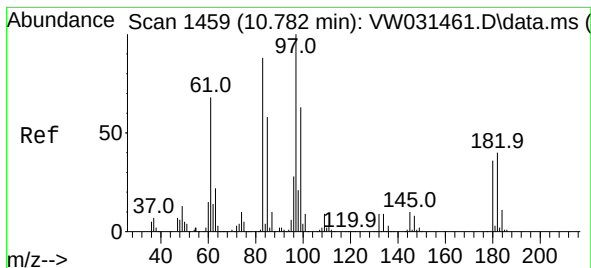
Tgt Ion: 75 Resp: 14003

Ion Ratio Lower Upper

75 100

77 34.0 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 1.477 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VW031469.D

Acq: 21 Dec 2024 18:56

Instrument :

MSVOA_W

ClientSampleId :

MDL07

Tgt Ion: 97 Resp: 7098

Ion Ratio Lower Upper

97 100

99 60.6 43.0 80.0

83 79.0 56.4 104.7

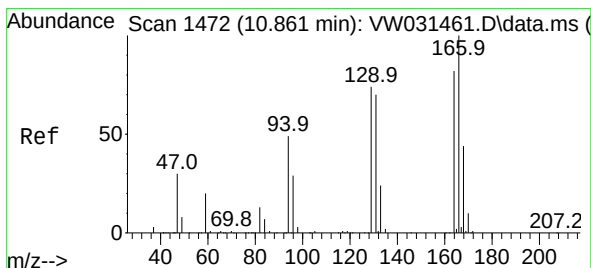
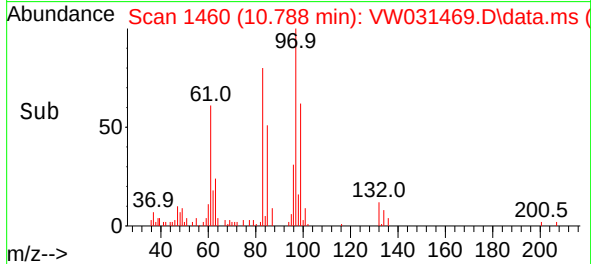
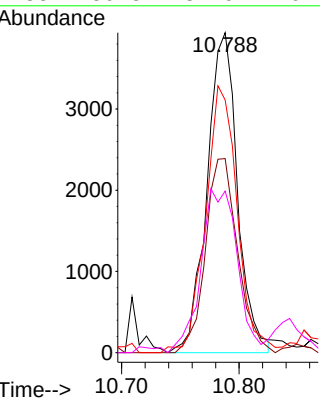
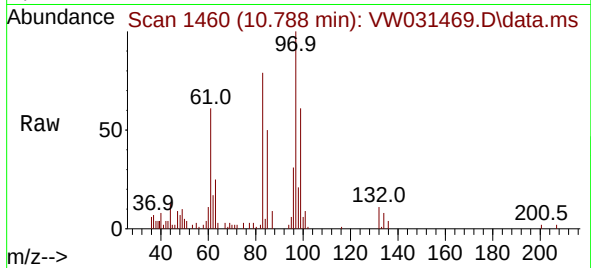
85 50.5 37.9 70.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/24/2024



#46

Tetrachloroethene

Concen: 1.404 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VW031469.D

Acq: 21 Dec 2024 18:56

Tgt Ion:164 Resp: 8406

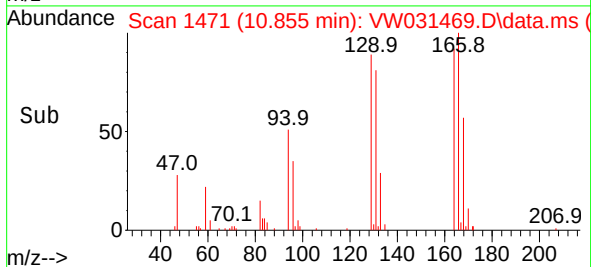
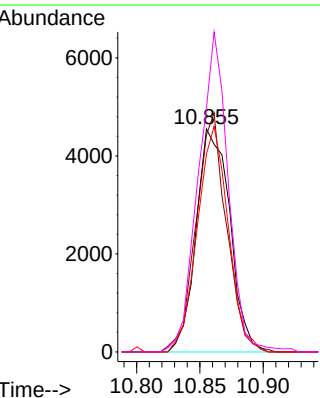
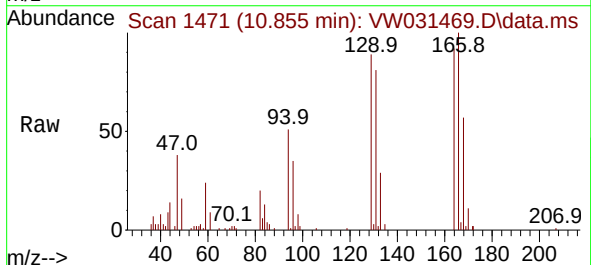
Ion Ratio Lower Upper

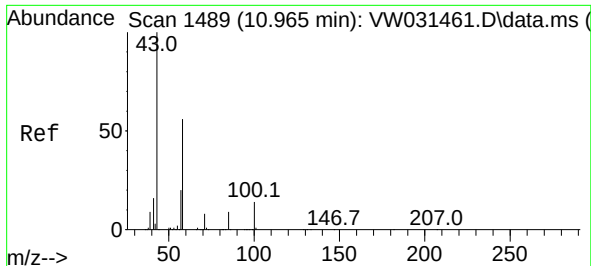
164 100

129 97.3 73.5 136.5

131 88.8 66.6 123.8

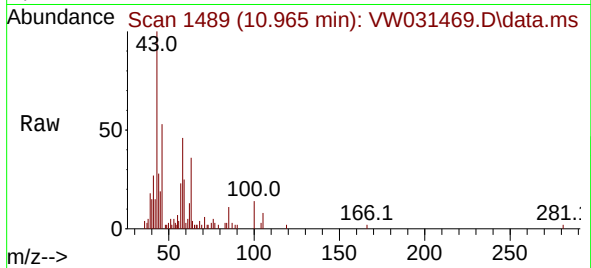
166 109.3 92.7 172.3





#48
2-Hexanone
Concen: 1.596 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031469.D
Acq: 21 Dec 2024 18:56

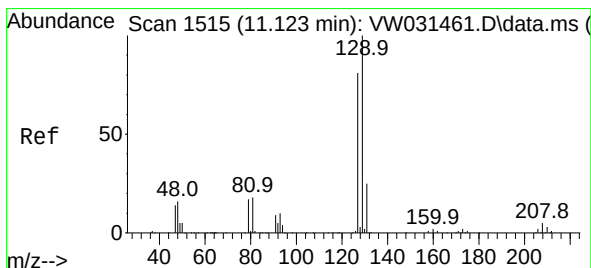
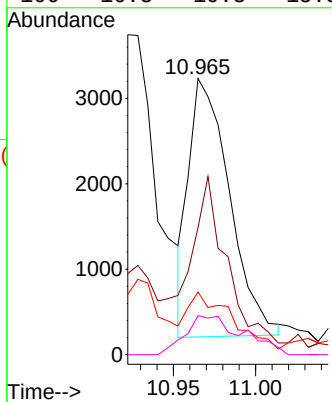
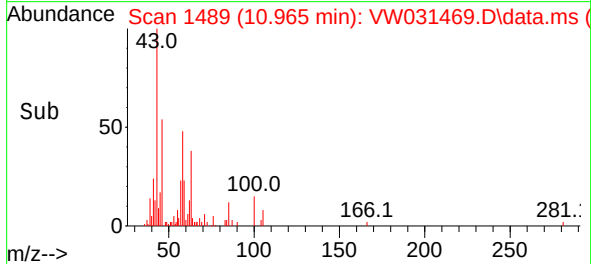
Instrument :
MSVOA_W
ClientSampleId :
MDL07



Tgt Ion: 43 Resp: 520
Ion Ratio Lower Upper
43 100
58 63.1 43.0 64.6
57 5.9 15.7 23.5
100 16.3 10.3 15.5#

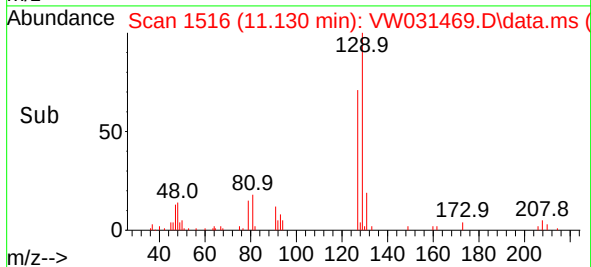
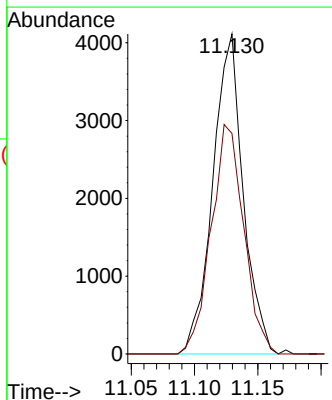
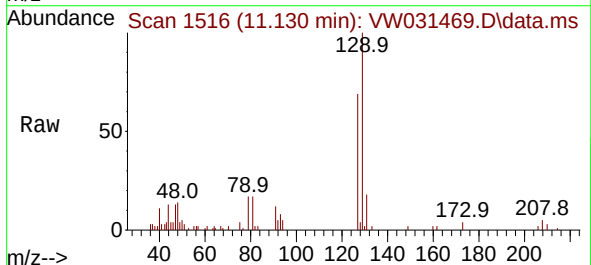
Manual Integrations
APPROVED

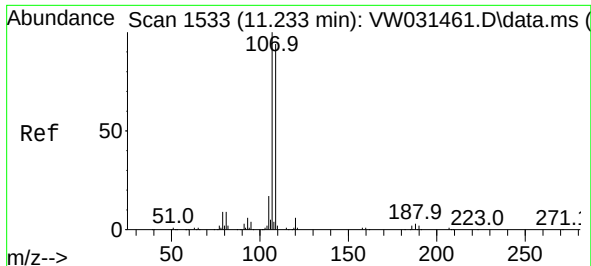
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#49
Dibromochloromethane
Concen: 1.205 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW031469.D
Acq: 21 Dec 2024 18:56

Tgt Ion:129 Resp: 6864
Ion Ratio Lower Upper
129 100
127 68.9 57.6 107.0





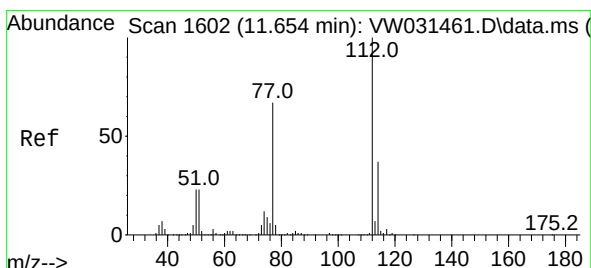
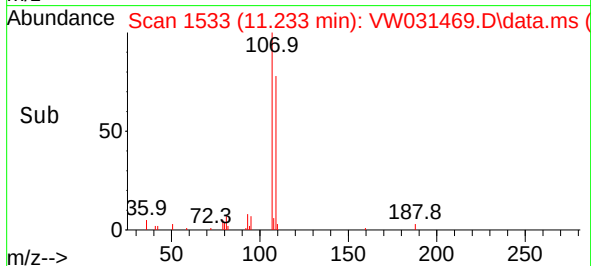
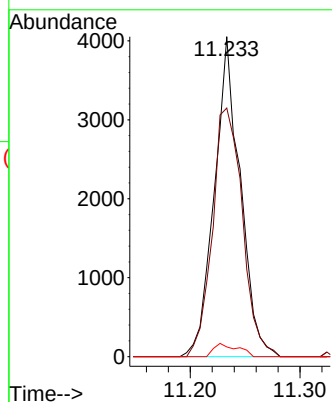
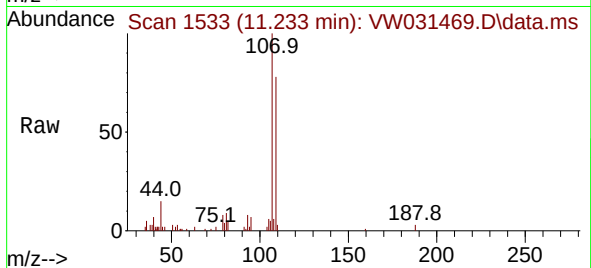
#50
1,2-Dibromoethane
Concen: 1.457 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW031469.D
Acq: 21 Dec 2024 18:56

Instrument :
MSVOA_W
ClientSampleId :
MDL07

Tgt Ion:107 Resp: 6634
Ion Ratio Lower Upper
107 100
109 77.7 63.2 117.4
188 3.0 2.6 4.0

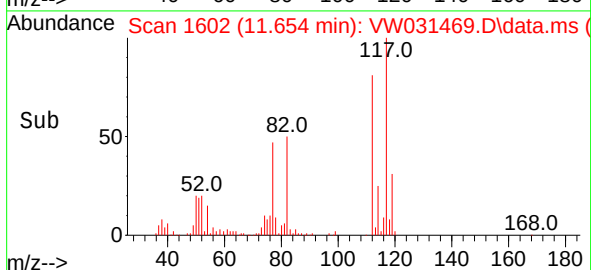
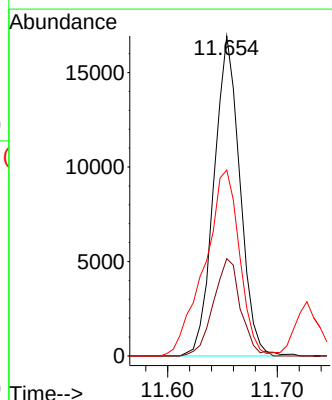
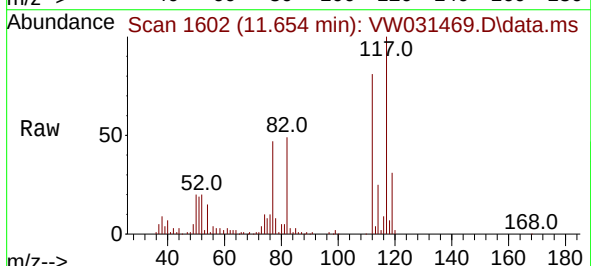
Manual Integrations
APPROVED

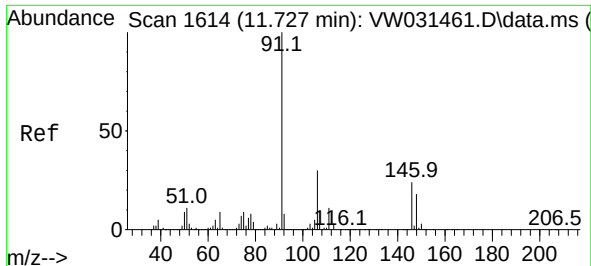
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#51
Chlorobenzene
Concen: 1.408 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW031469.D
Acq: 21 Dec 2024 18:56

Tgt Ion:112 Resp: 27827
Ion Ratio Lower Upper
112 100
114 30.4 22.7 42.3
77 58.1 50.2 75.4





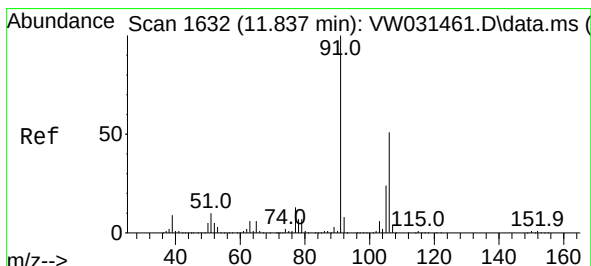
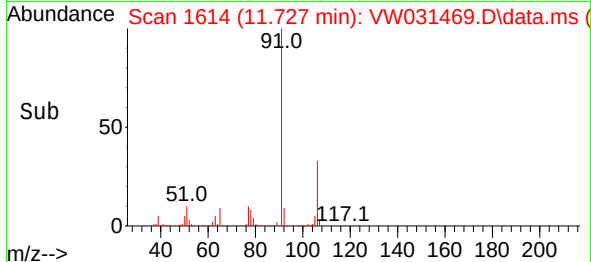
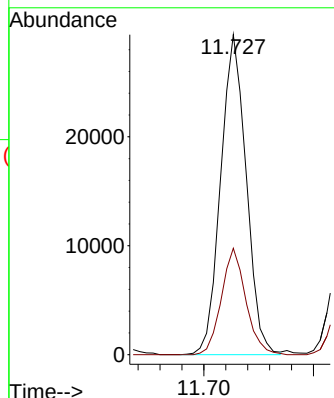
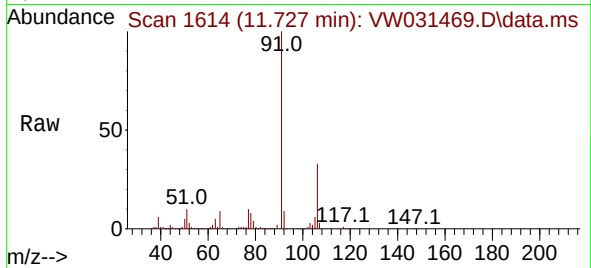
#52
Ethylbenzene
Concen: 1.301 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031469.D
Acq: 21 Dec 2024 18:56

Instrument :
MSVOA_W
ClientSampleId :
MDL07

Tgt Ion: 91 Resp: 4755
Ion Ratio Lower Upper
91 100
106 33.3 20.7 38.5

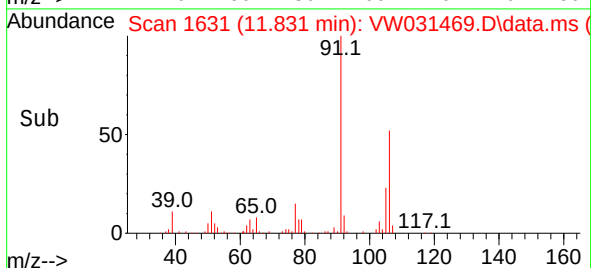
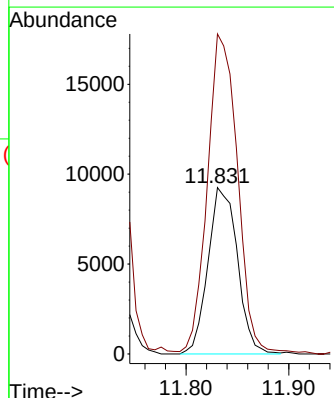
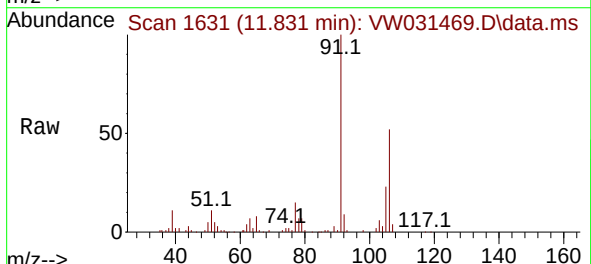
Manual Integrations
APPROVED

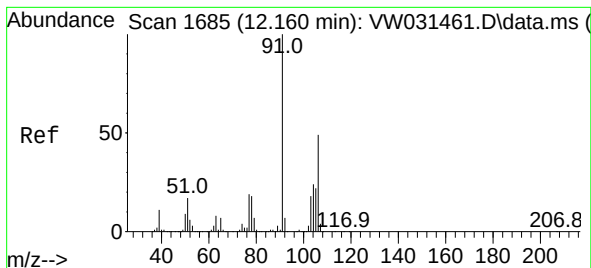
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#53
m,p-Xylene
Concen: 1.326 ug/L
RT: 11.831 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW031469.D
Acq: 21 Dec 2024 18:56

Tgt Ion:106 Resp: 18450
Ion Ratio Lower Upper
106 100
91 192.2 139.9 259.7





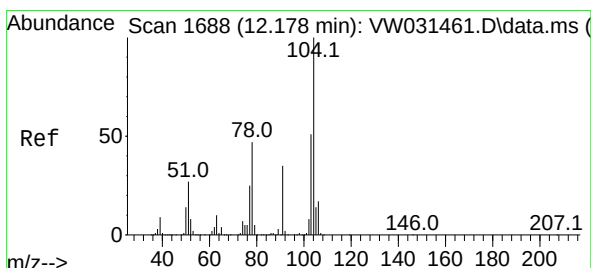
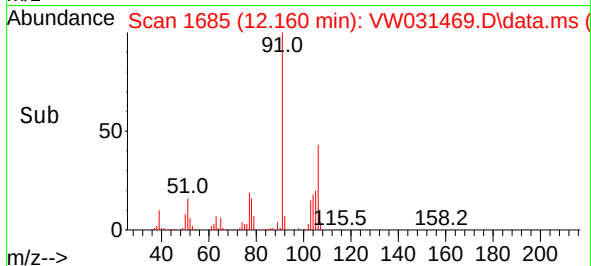
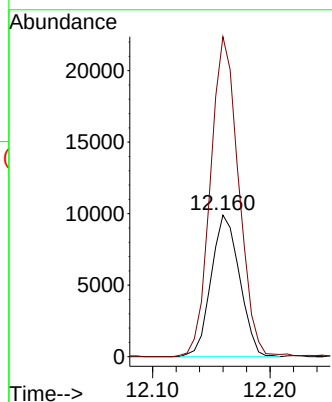
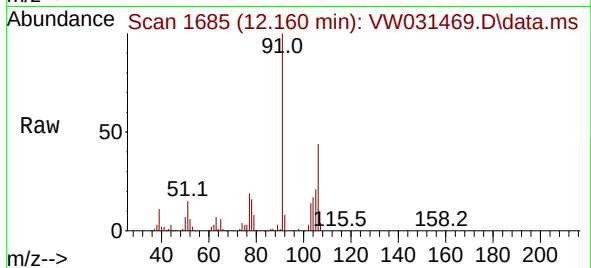
#54
o-Xylene
Concen: 1.271 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW031469.D
Acq: 21 Dec 2024 18:56

Instrument :
MSVOA_W
ClientSampleId :
MDL07

Tgt Ion:106 Resp: 16668
Ion Ratio Lower Upper
106 100
91 226.0 153.1 284.3

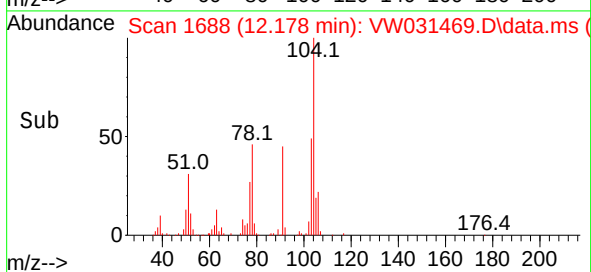
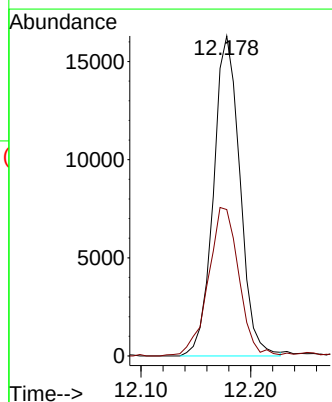
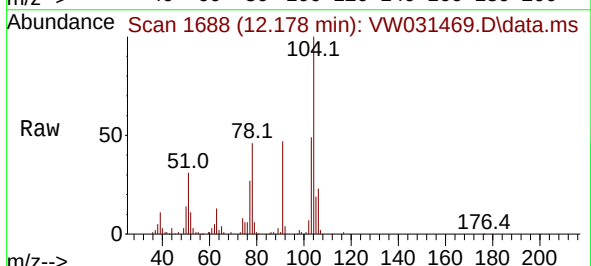
Manual Integrations
APPROVED

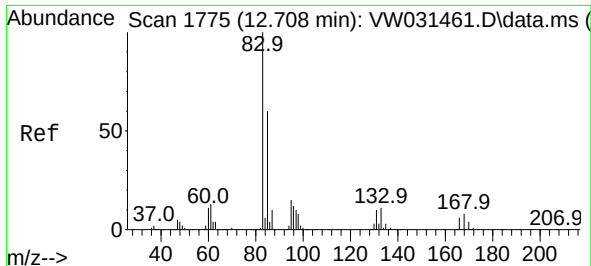
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#55
Styrene
Concen: 1.255 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031469.D
Acq: 21 Dec 2024 18:56

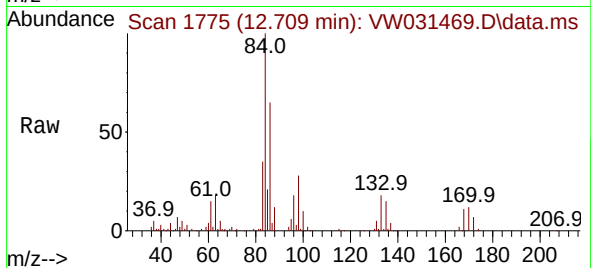
Tgt Ion:104 Resp: 27370
Ion Ratio Lower Upper
104 100
78 45.8 31.4 58.4





#57
1,1,2,2-Tetrachloroethane
Concen: 1.737 ug/L
RT: 12.709 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW031469.D
Acq: 21 Dec 2024 18:56

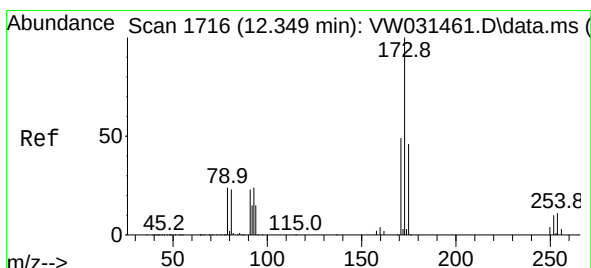
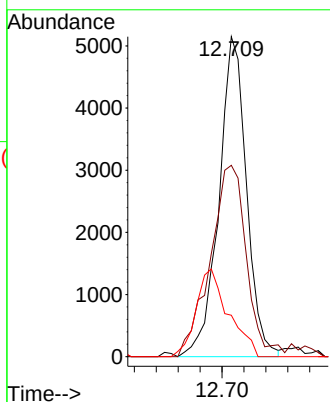
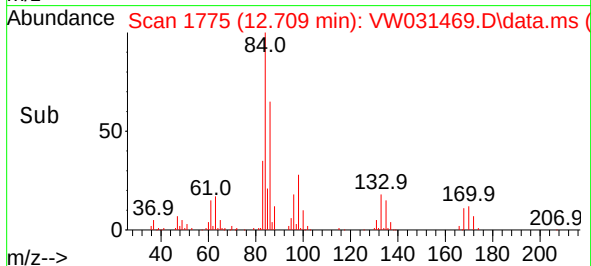
Instrument :
MSVOA_W
ClientSampleId :
MDL07



Tgt Ion: 83 Resp: 899
Ion Ratio Lower Upper
83 100
85 59.8 44.1 81.9
131 12.9 7.9 11.9

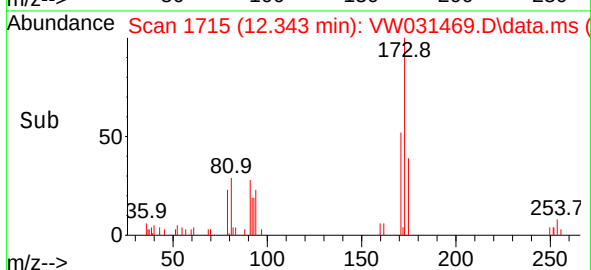
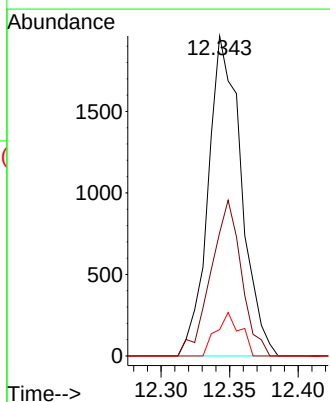
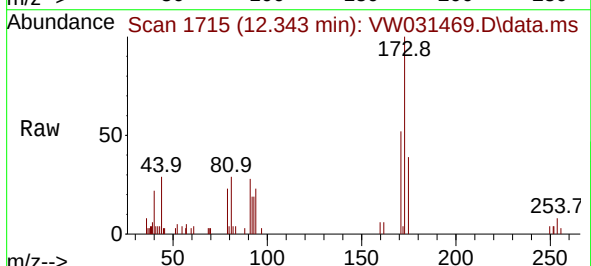
Manual Integrations
APPROVED

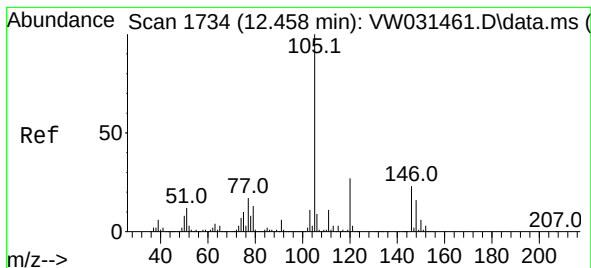
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#59
Bromoform
Concen: 1.040 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW031469.D
Acq: 21 Dec 2024 18:56

Tgt Ion:173 Resp: 3295
Ion Ratio Lower Upper
173 100
175 45.0 38.6 57.8
254 9.8 7.6 11.4





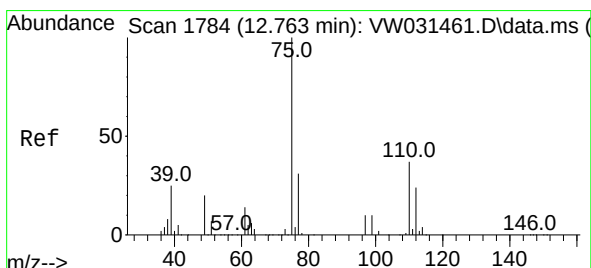
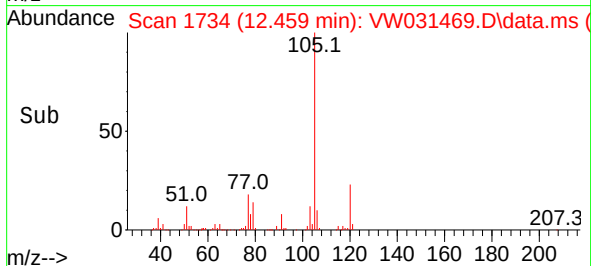
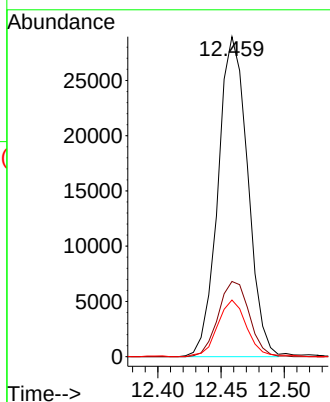
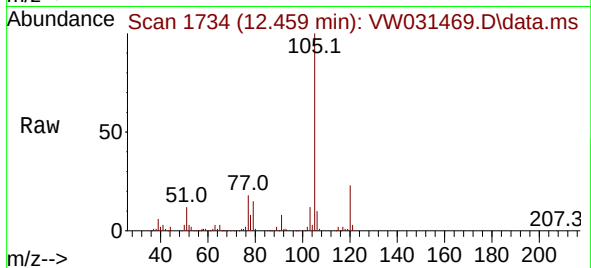
#60
Isopropylbenzene
Concen: 1.281 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW031469.D
Acq: 21 Dec 2024 18:56

Instrument :
MSVOA_W
ClientSampleId :
MDL07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	24.5	20.6	31.0
77	17.2	12.8	19.2

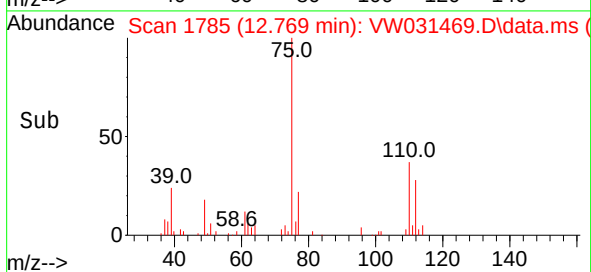
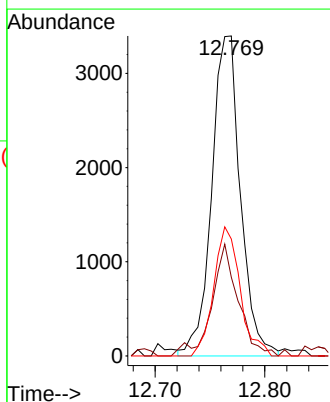
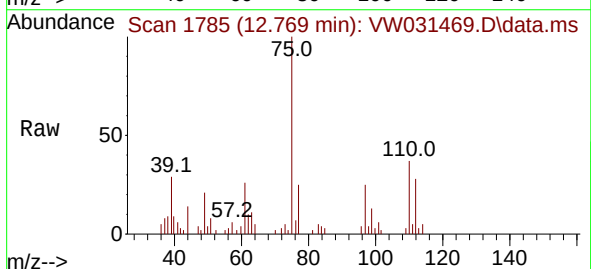
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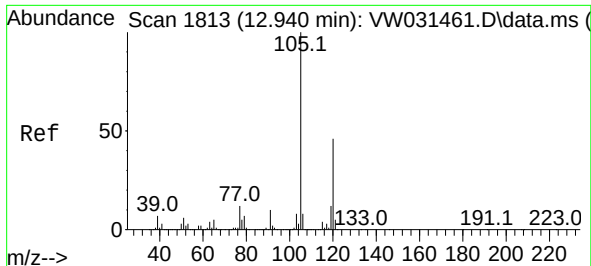
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#61
1,2,3-Trichloropropane
Concen: 1.607 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW031469.D
Acq: 21 Dec 2024 18:56

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.3	25.3	37.9
110	36.9	31.2	46.8





#62

1,3,5-Trimethylbenzene

Concen: 1.206 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW031469.D

Acq: 21 Dec 2024 18:56

Instrument :

MSVOA_W

ClientSampleId :

MDL07

Tgt Ion:105 Resp: 3771

Ion Ratio Lower Upper

105 100

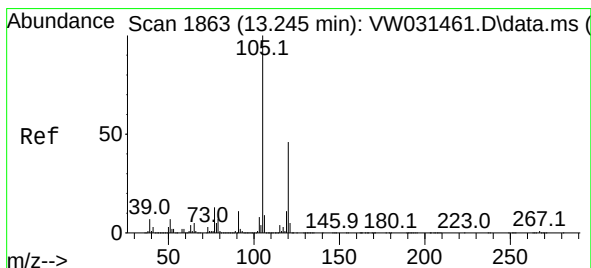
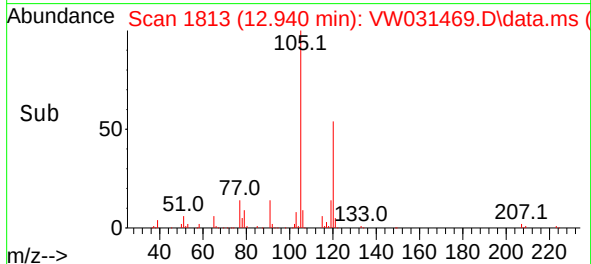
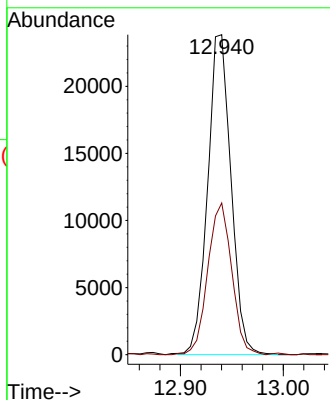
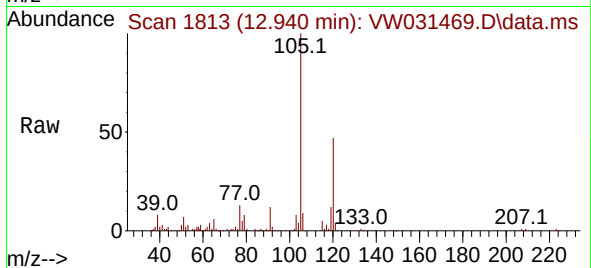
120 48.4 37.3 55.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/24/2024



#63

1,2,4-Trimethylbenzene

Concen: 1.195 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW031469.D

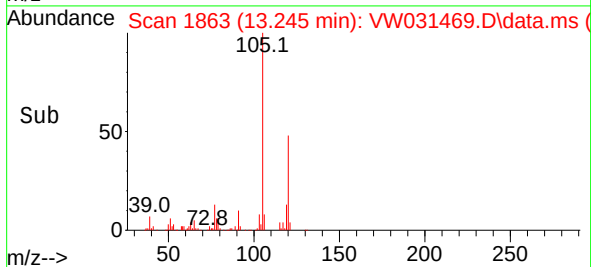
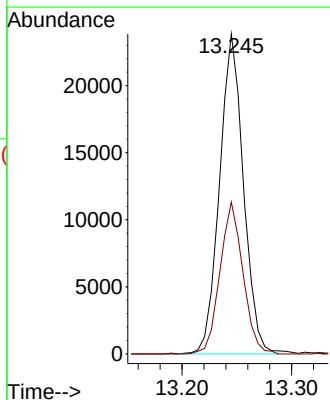
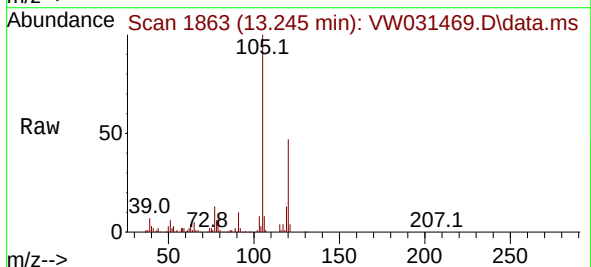
Acq: 21 Dec 2024 18:56

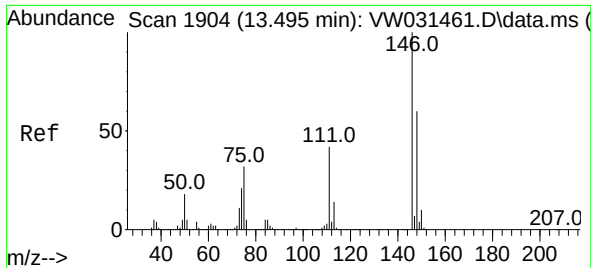
Tgt Ion:105 Resp: 36133

Ion Ratio Lower Upper

105 100

120 45.6 35.0 52.4





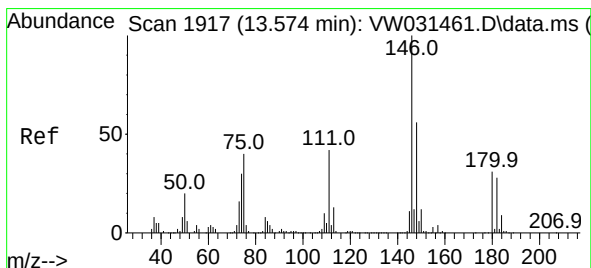
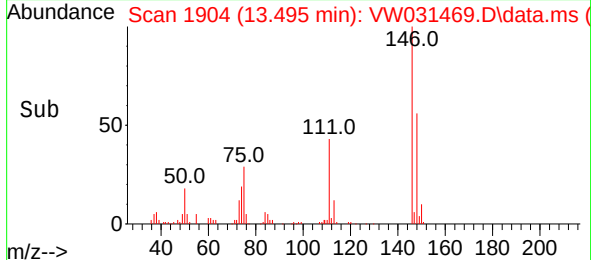
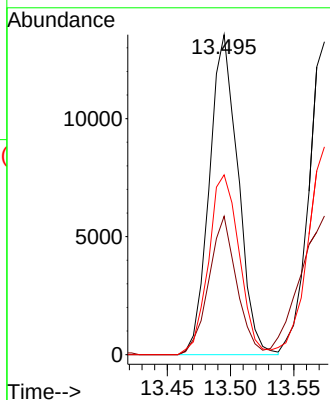
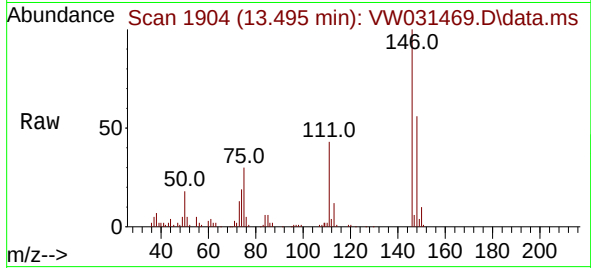
#64
1,3-Dichlorobenzene
Concen: 1.430 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031469.D
Acq: 21 Dec 2024 18:56

Instrument :
MSVOA_W
ClientSampleId :
MDL07

Tgt Ion:146 Resp: 2138
Ion Ratio Lower Upper
146 100
111 43.2 27.6 51.2
148 56.2 41.0 76.2

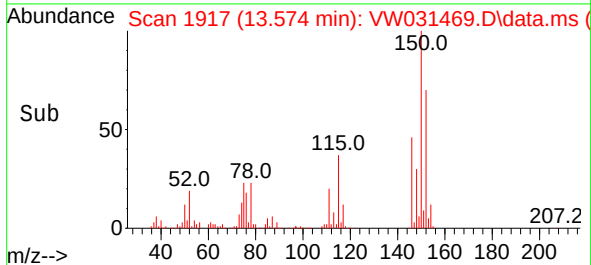
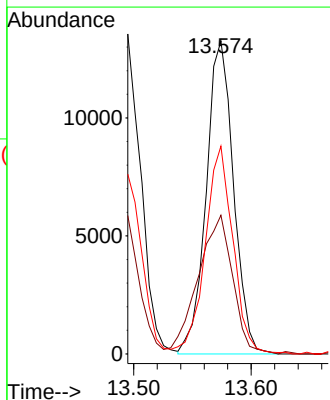
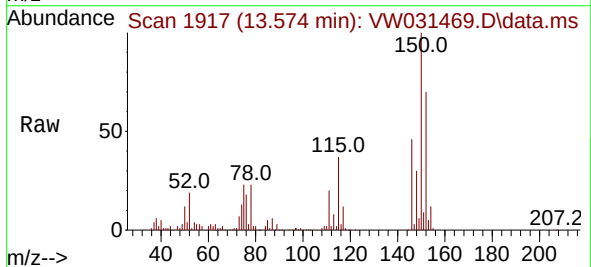
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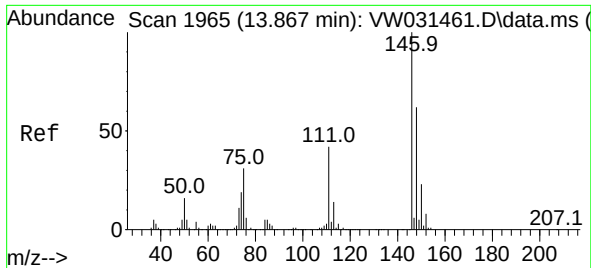
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#65
1,4-Dichlorobenzene
Concen: 1.449 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031469.D
Acq: 21 Dec 2024 18:56

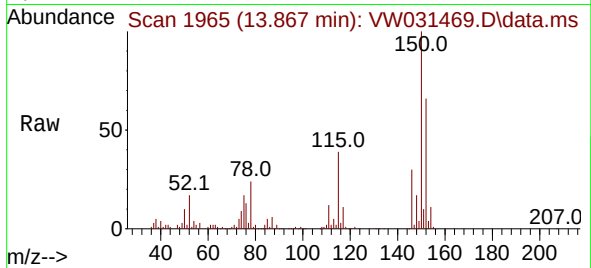
Tgt Ion:146 Resp: 21458
Ion Ratio Lower Upper
146 100
111 44.3 30.7 56.9
148 66.4 46.5 86.3





#67
1,2-Dichlorobenzene
Concen: 1.454 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031469.D
Acq: 21 Dec 2024 18:56

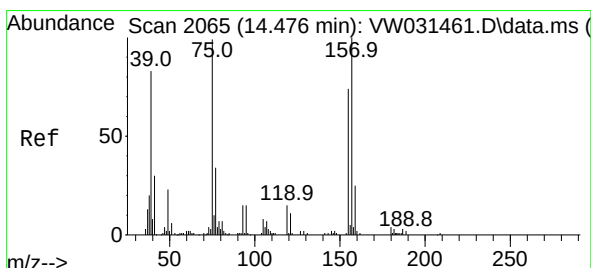
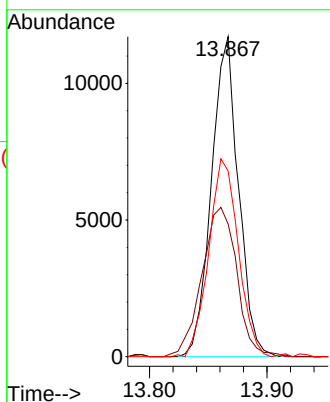
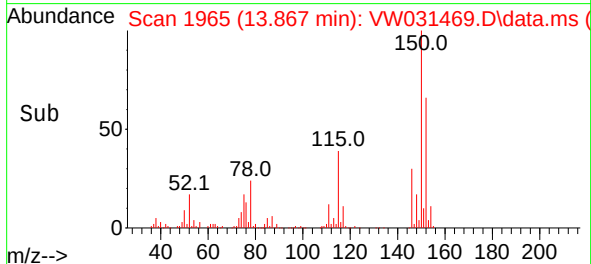
Instrument :
MSVOA_W
ClientSampleId :
MDL07



Tgt Ion:146 Resp: 18729
Ion Ratio Lower Upper
146 100
111 41.4 38.6 58.0
148 58.1 53.6 80.4

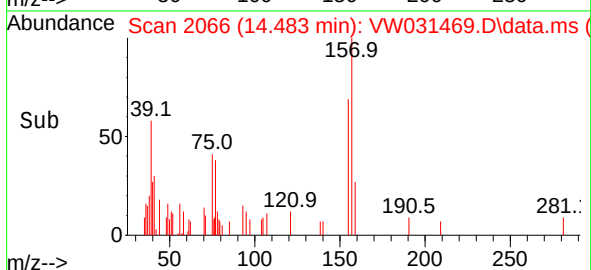
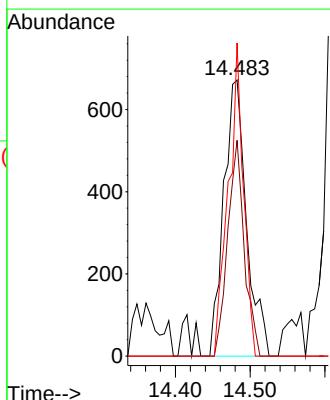
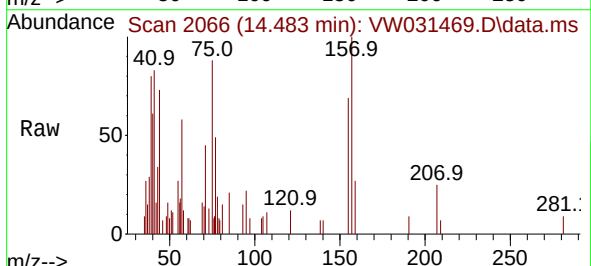
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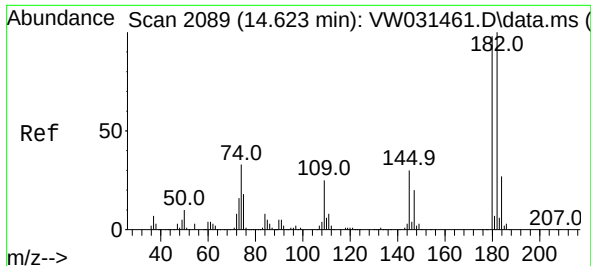
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#68
1,2-Dibromo-3-chloropropane
Concen: 1.548 ug/L
RT: 14.483 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW031469.D
Acq: 21 Dec 2024 18:56

Tgt Ion: 75 Resp: 1516
Ion Ratio Lower Upper
75 100
155 78.1 56.6 85.0
157 113.4 71.2 106.8#





#69

1,3,5-Trichlorobenzene

Concen: 1.318 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW031469.D

Acq: 21 Dec 2024 18:56

Instrument :

MSVOA_W

ClientSampleId :

MDL07

Tgt Ion:180 Resp: 1379

Ion Ratio Lower Upper

180 100

182 98.2 75.0 112.4

184 31.9 24.6 36.8

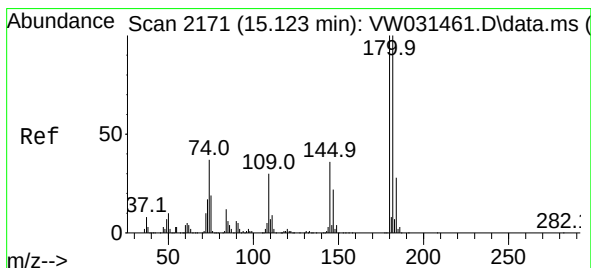
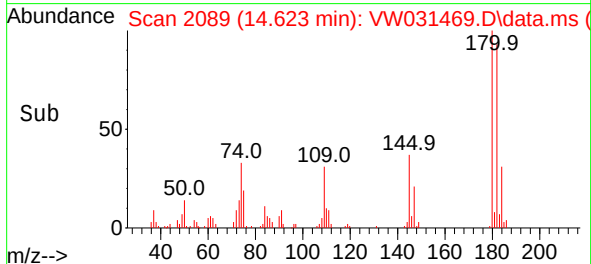
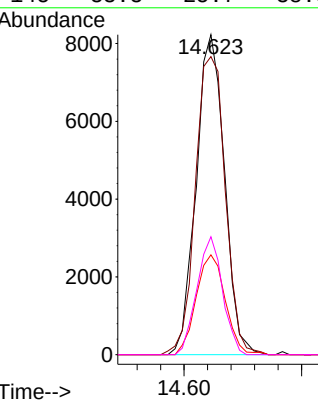
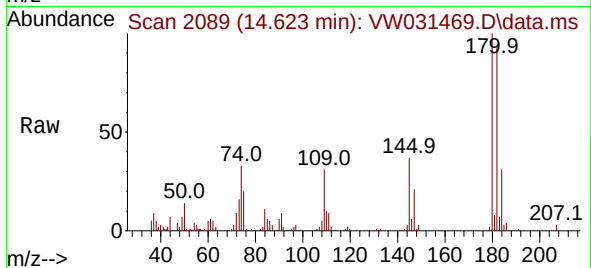
145 33.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024

Supervised By :Mahesh Dadoda 12/24/2024



#70

1,2,4-trichlorobenzene

Concen: 1.440 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW031469.D

Acq: 21 Dec 2024 18:56

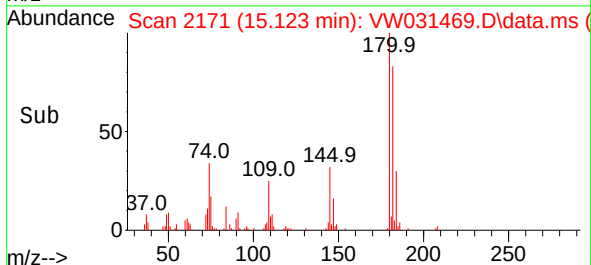
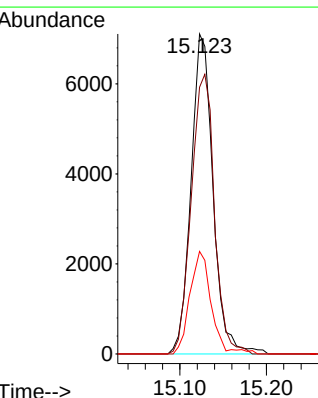
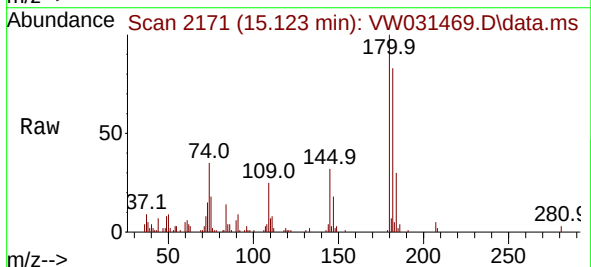
Tgt Ion:180 Resp: 12539

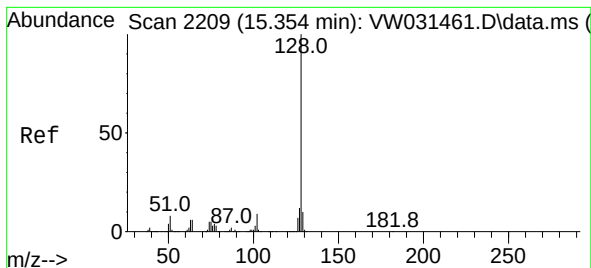
Ion Ratio Lower Upper

180 100

182 91.8 78.2 117.2

145 30.0 26.7 40.1





#71

Naphthalene

Concen: 1.387 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031469.D

Acq: 21 Dec 2024 18:56

Instrument :

MSVOA_W

ClientSampleId :

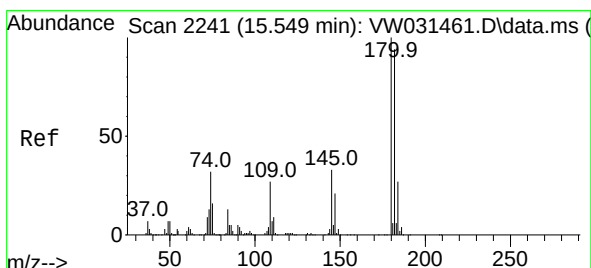
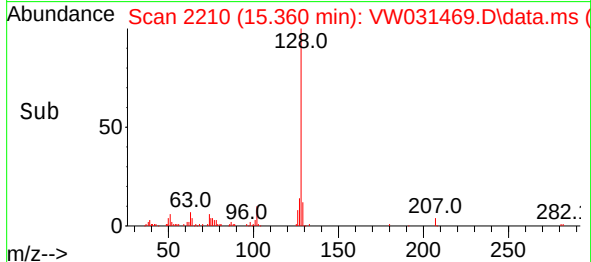
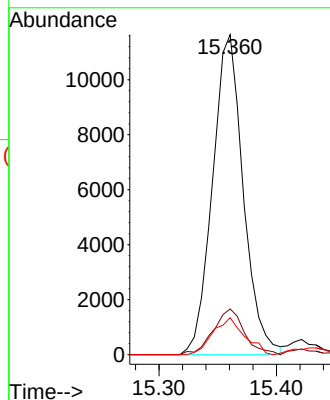
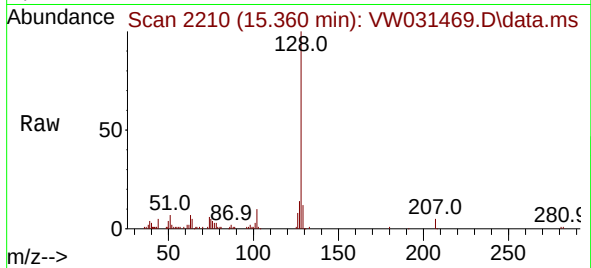
MDL07

Tgt Ion:	128	Resp:	2118
Ion Ratio	Lower	Upper	
128	100		
127	14.4	10.7	16.1
129	11.9	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024



#72

1,2,3-Trichlorobenzene

Concen: 1.536 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031469.D

Acq: 21 Dec 2024 18:56

Tgt Ion:	180	Resp:	10776
Ion Ratio	Lower	Upper	
180	100		
182	85.7	75.0	112.4
145	31.8	27.8	41.6

