

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
 Data File : VW031523.D
 Acq On : 26 Dec 2024 12:54
 Operator : SY/MD
 Sample : MDL3
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL3

Quant Time: Dec 27 00:40:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 27 00:21:46 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	548662	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	479922	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	237906	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.356	65	173036	20.961	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.840%		
7) Chloroethane-d5	2.893	69	150549	24.653	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	98.600%		
11) 1,1-Dichloroethene-d2	4.015	65	78450	20.034	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	80.120%		
21) 2-Butanone-d5	7.093	46	74865	48.155	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	96.300%		
24) Chloroform-d	7.648	84	356568	23.719	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	94.880%		
26) 1,2-Dichloroethane-d4	8.301	65	187887	24.887	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	99.560%		
32) Benzene-d6	8.270	84	698595	22.711	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	90.840%		
36) 1,2-Dichloropropane-d6	9.270	67	209878	23.411	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	93.640%		
41) Toluene-d8	10.318	98	634682	22.179	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	88.720%		
43) trans-1,3-Dichloroprop...	10.575	79	77993	18.868	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	75.480%		
47) 2-Hexanone-d5	10.922	63	57425	47.631	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	95.260%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	148434	26.370	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	105.480%		
66) 1,2-Dichlorobenzene-d4	13.848	152	214257	24.259	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	97.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	4793m	0.967	ug/L	
3) Chloromethane	2.216	50	6866m	1.233	ug/L	
5) Vinyl chloride	2.363	62	9368	1.213	ug/L #	66
6) Bromomethane	2.789	94	5582	1.176	ug/L	97
8) Chloroethane	2.930	64	5751	1.253	ug/L	92
9) Trichlorofluoromethane	3.265	101	8763	1.066	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	9836m	1.481	ug/L	
12) 1,1-Dichloroethene	4.033	96	9165	1.363	ug/L #	1
14) Carbon disulfide	4.380	76	19918	0.908	ug/L	97
15) Methyl Acetate	4.710	43	4007m	1.629	ug/L	
17) trans-1,2-Dichloroethene	5.423	96	7746	1.068	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	13191	1.088	ug/L #	80
19) 1,1-Dichloroethane	6.216	63	14423	1.065	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	8605	1.097	ug/L	96
22) 2-Butanone	7.179	43	7106m	2.709	ug/L	
23) Bromochloromethane	7.508	128	3432	1.097	ug/L	86
25) Chloroform	7.673	83	19857	1.485	ug/L	96
27) 1,2-Dichloroethane	8.398	62	9579	1.139	ug/L #	91
29) Cyclohexane	7.953	56	13106	1.007	ug/L	96

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 Supervised By :Semsettin Yesilyurt 12/27/2024

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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	7.868	97	12747	1.028	ug/L	98
31) Carbon tetrachloride	8.063	117	11102	1.005	ug/L	96
33) Benzene	8.319	78	33654	1.135	ug/L	100
34) Trichloroethene	9.093	95	9264	1.106	ug/L	97
35) Methylcyclohexane	9.337	83	14147	0.970	ug/L	96
37) 1,2-Dichloropropane	9.367	63	8053	1.088	ug/L #	94
38) Bromodichloromethane	9.642	83	9450	0.982	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	12259	0.981	ug/L	93
40) 4-Methyl-2-pentanone	10.209	43	8057	2.053	ug/L	91
42) Toluene	10.386	91	35070	1.086	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	12952	1.269	ug/L	93
45) 1,1,2-Trichloroethane	10.782	97	5557	1.129	ug/L	95
46) Tetrachloroethene	10.855	164	6972	1.137	ug/L	88
48) 2-Hexanone	10.971	43	5098	1.527	ug/L	92
49) Dibromochloromethane	11.123	129	5591	0.958	ug/L	97
50) 1,2-Dibromoethane	11.233	107	5088	1.091	ug/L #	83
51) Chlorobenzene	11.654	112	22656	1.119	ug/L	95
52) Ethylbenzene	11.727	91	40174	1.074	ug/L	97
53) m,p-Xylene	11.836	106	15009	1.054	ug/L	98
54) o-Xylene	12.166	106	13687	1.019	ug/L	98
55) Styrene	12.178	104	22178	0.993	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	6693	1.262	ug/L #	91
59) Bromoform	12.342	173	2765	0.827	ug/L	97
60) Isopropylbenzene	12.458	105	40028	1.028	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	4330	1.064	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	30841	0.934	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	30960	0.970	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	16543	1.049	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	17711	1.133	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	15821	1.164	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	1105	1.070	ug/L #	76
69) 1,3,5-Trichlorobenzene	14.623	180	12019	1.088	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	10070	1.096	ug/L	94
71) Naphthalene	15.354	128	16068	0.997	ug/L	98
72) 1,2,3-Trichlorobenzene	15.543	180	8548	1.154	ug/L	98

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

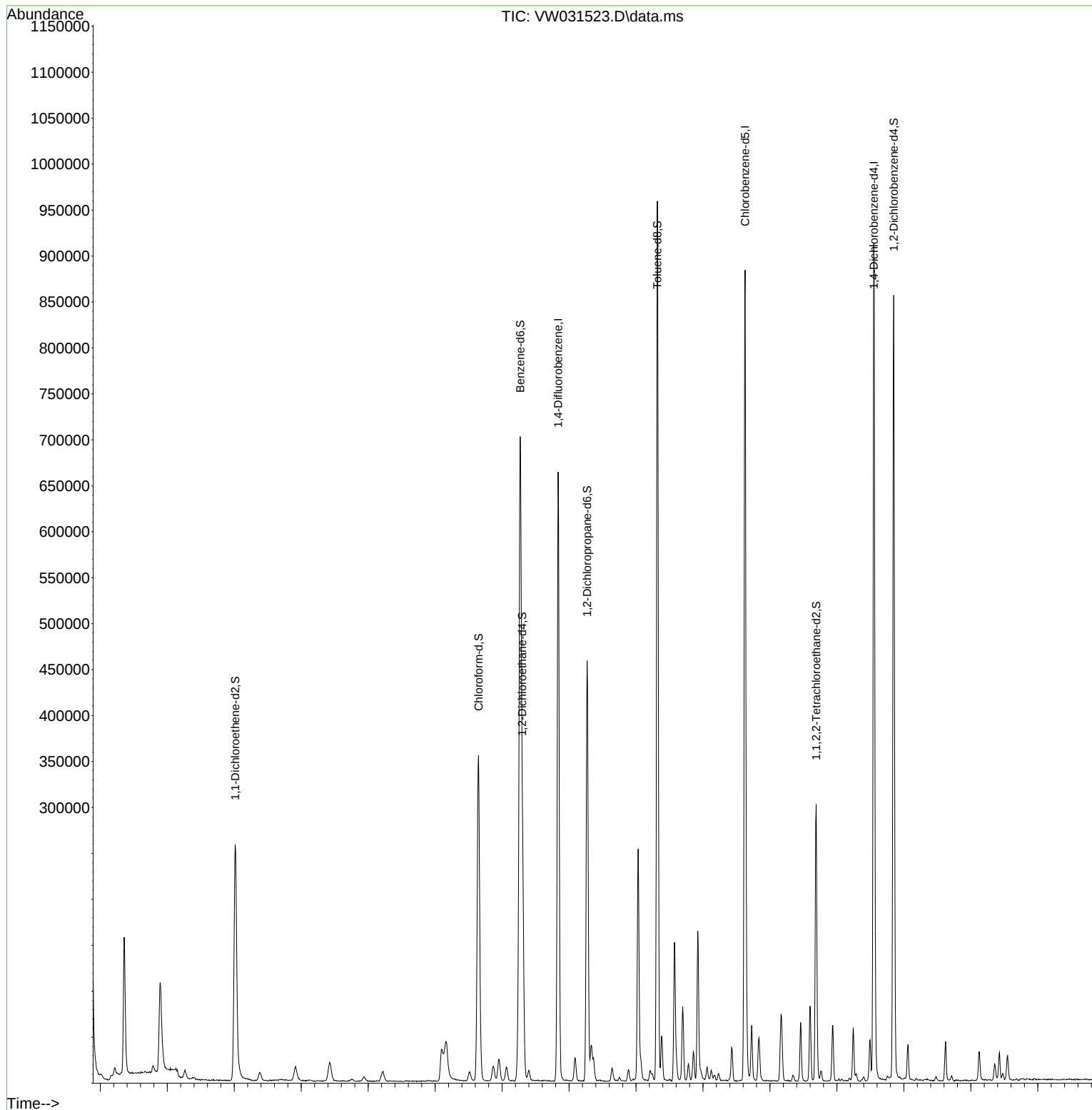
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
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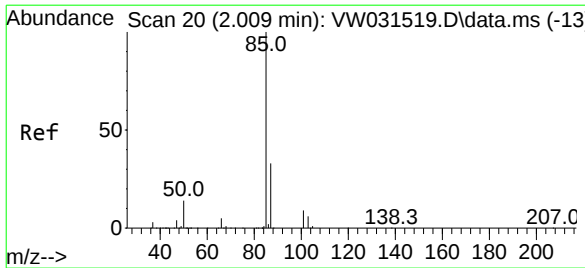
Instrument :
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ClientSampleId :
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Manual Integrations
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Supervised By :Semsettin Yesilyurt 12/27/2024

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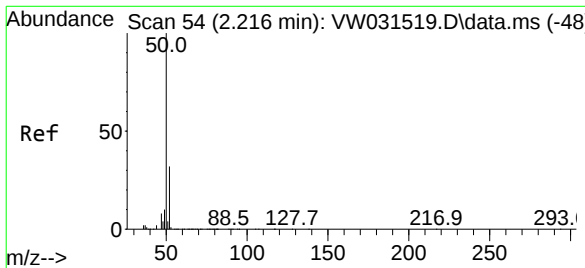
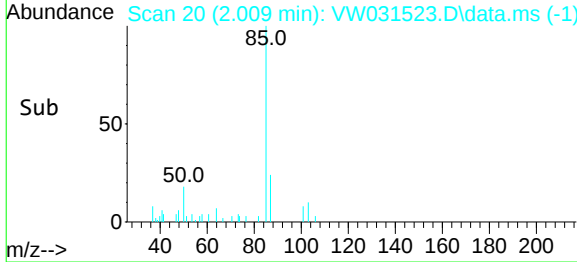
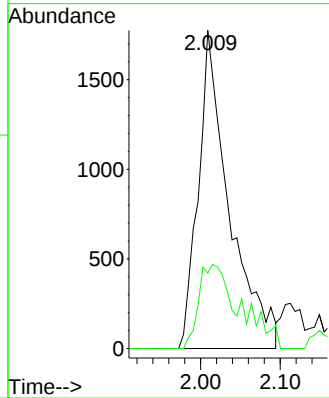
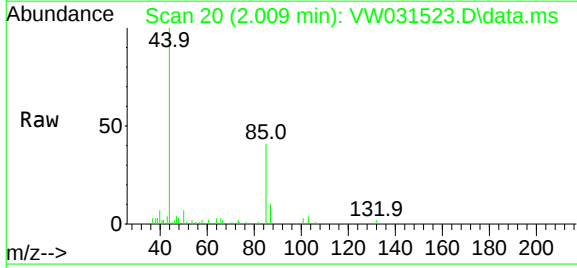
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Dichlorodifluoromethane
Concen: 0.967 ug/L m
RT: 2.009 min Scan# 20
Delta R.T. -0.000 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54

Instrument :
MSVOA_W
ClientSampleId :
MDL3

Tgt Ion: 85 Resp: 4793
Ion Ratio Lower Upper
85 100
87 0.9 24.9 37.3#

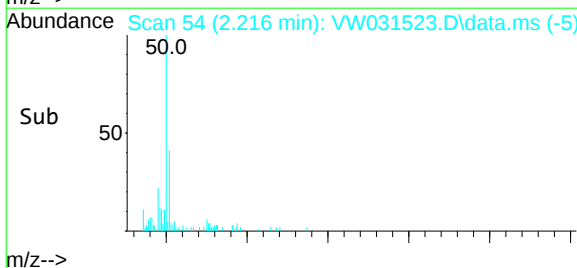
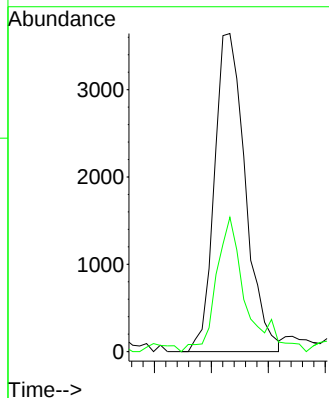
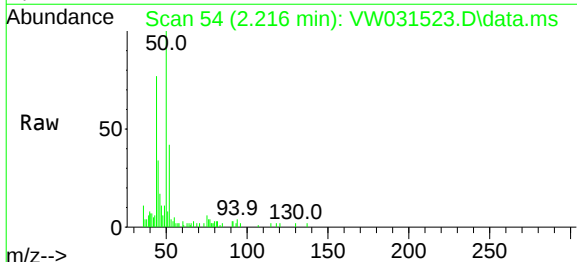
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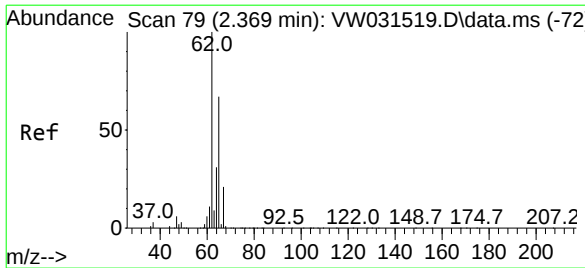
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#3
Chloromethane
Concen: 1.233 ug/L m
RT: 2.216 min Scan# 54
Delta R.T. -0.000 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54

Tgt Ion: 50 Resp: 6866
Ion Ratio Lower Upper
50 100
52 42.2 22.0 41.0#





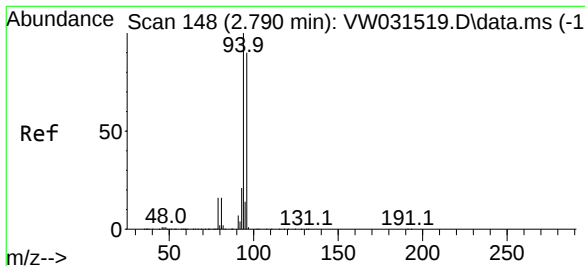
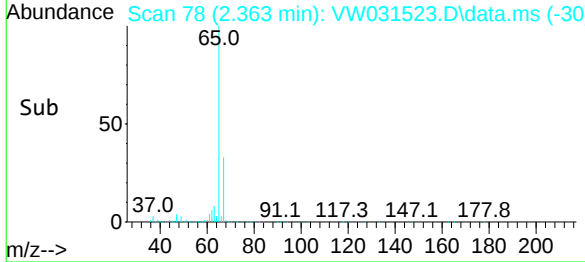
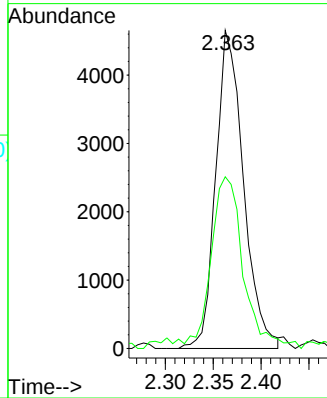
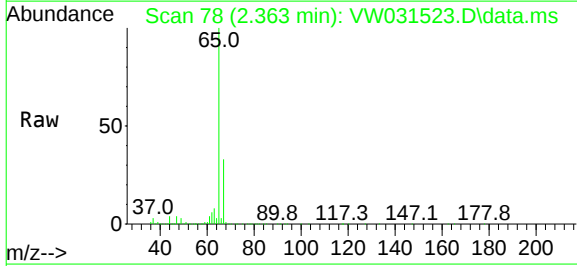
#5
Vinyl chloride
Concen: 1.213 ug/L
RT: 2.363 min Scan# 78
Delta R.T. -0.006 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54

Instrument :
MSVOA_W
ClientSampleId :
MDL3

Tgt Ion: 62 Resp: 9368
Ion Ratio Lower Upper
62 100
64 54.0 24.1 44.8#

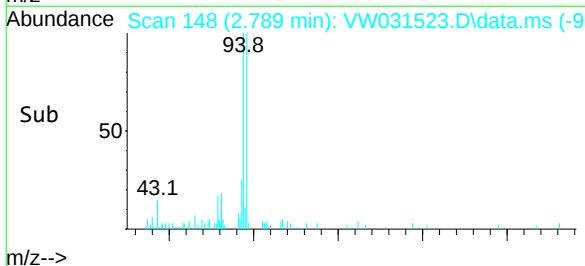
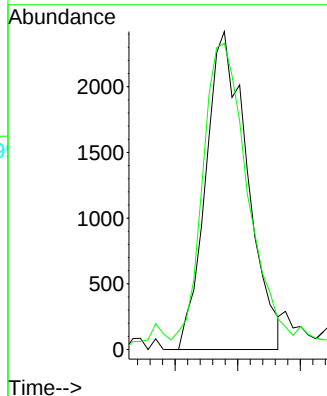
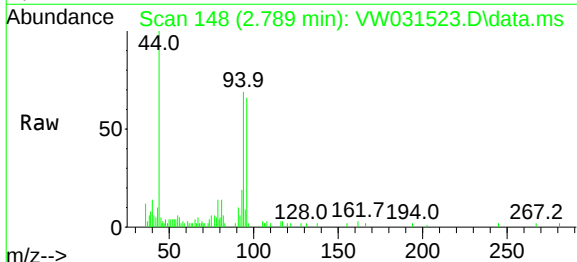
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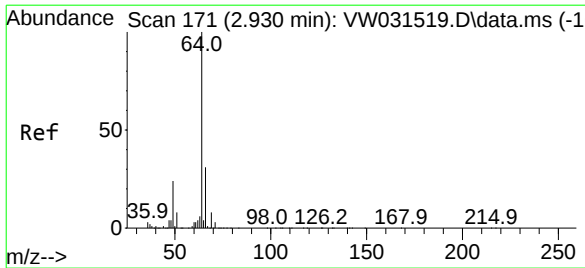
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#6
Bromomethane
Concen: 1.176 ug/L
RT: 2.789 min Scan# 148
Delta R.T. -0.000 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54

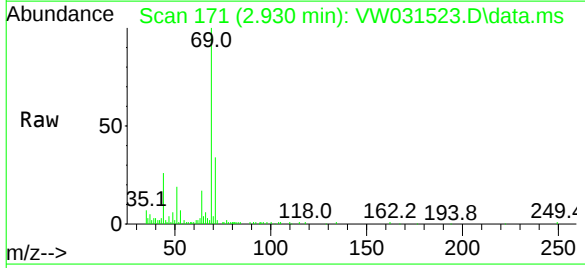
Tgt Ion: 94 Resp: 5582
Ion Ratio Lower Upper
94 100
96 96.3 65.6 121.8





#8
Chloroethane
Concen: 1.253 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54

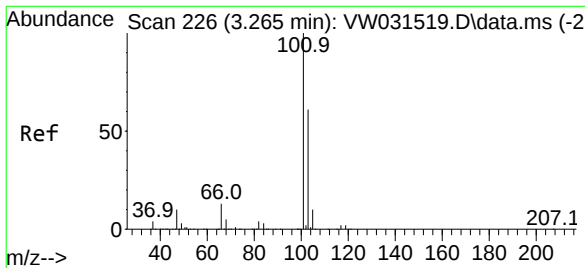
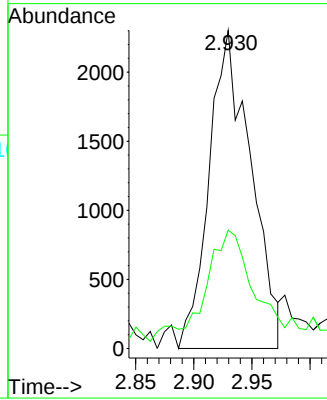
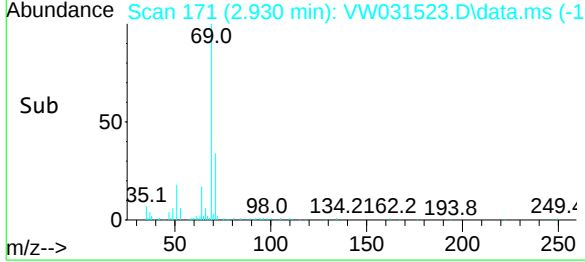
Instrument :
MSVOA_W
ClientSampleId :
MDL3



Tgt Ion: 64 Resp: 5751
Ion Ratio Lower Upper
64 100
66 37.2 22.7 42.3

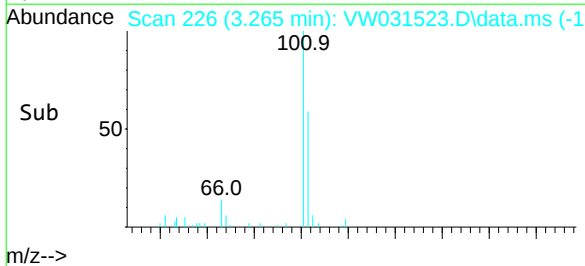
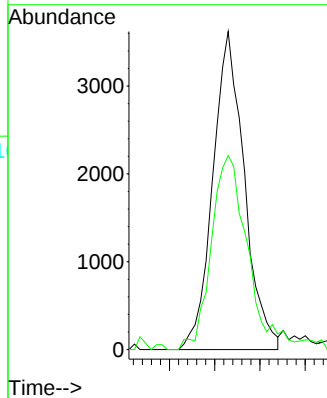
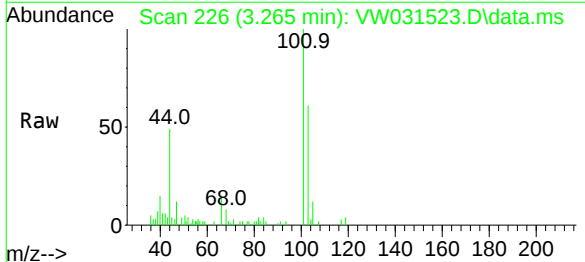
Manual Integrations
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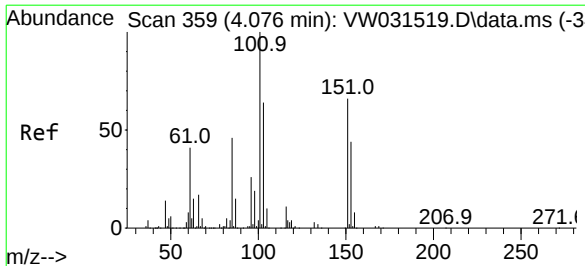
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#9
Trichlorofluoromethane
Concen: 1.066 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54

Tgt Ion:101 Resp: 8763
Ion Ratio Lower Upper
101 100
103 59.6 51.6 77.4





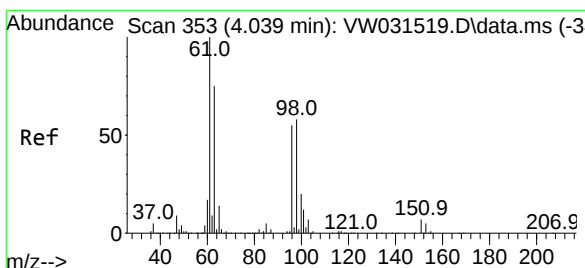
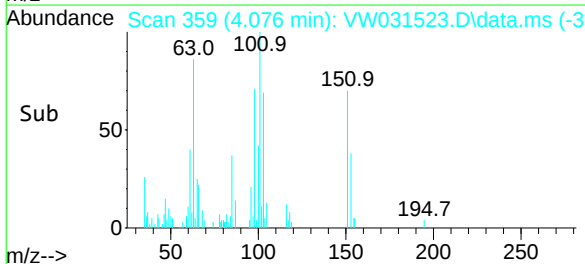
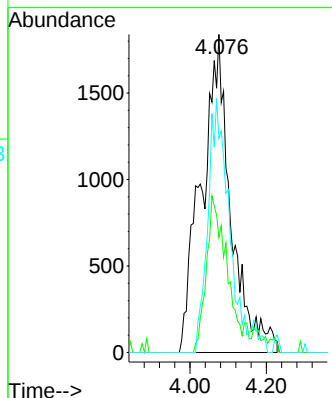
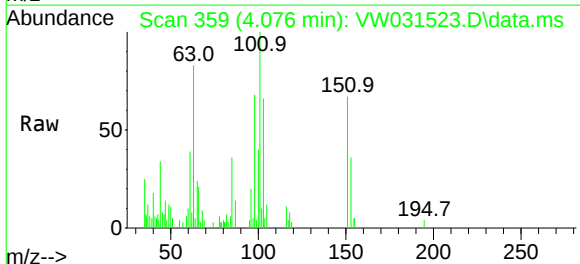
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.481 ug/L m
RT: 4.076 min Scan# 359
Delta R.T. -0.000 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54

Instrument :
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Tgt Ion: 101 Resp: 9836
Ion Ratio Lower Upper
101 100
85 33.7 33.0 49.4
151 52.9 54.8 82.2#

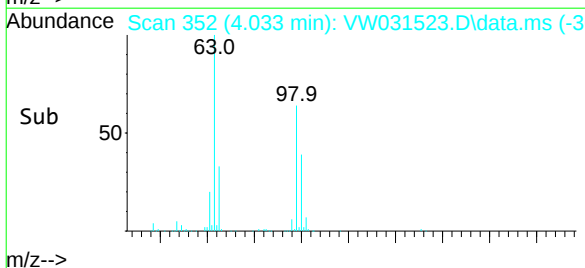
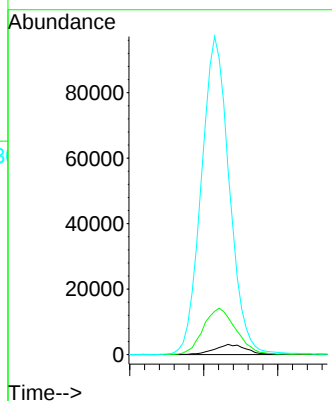
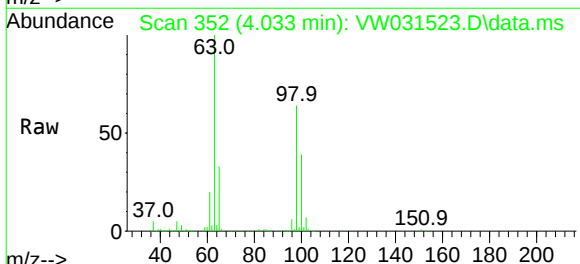
Manual Integrations
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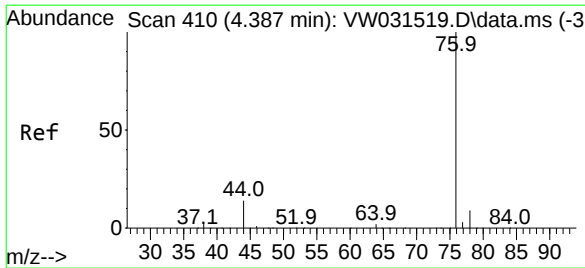
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#12
1,1-Dichloroethene
Concen: 1.363 ug/L
RT: 4.033 min Scan# 352
Delta R.T. -0.006 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54

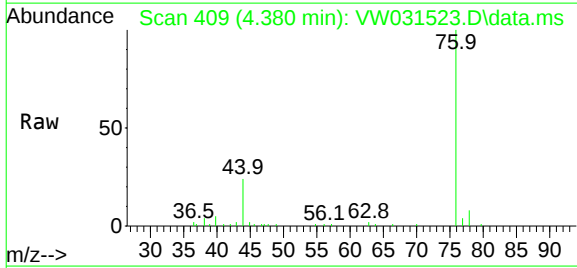
Tgt Ion: 96 Resp: 9165
Ion Ratio Lower Upper
96 100
61 361.3 125.3 232.7#
63 1789.3 104.6 194.2#





#14
Carbon disulfide
Concen: 0.908 ug/L
RT: 4.380 min Scan# 409
Delta R.T. -0.006 min
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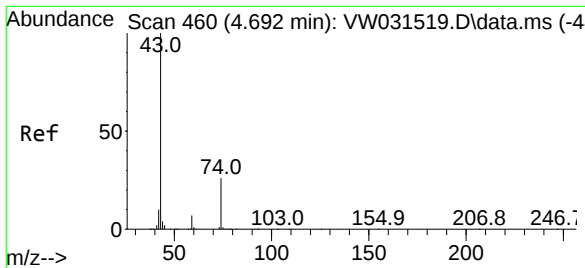
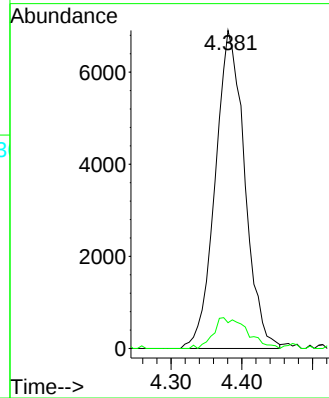
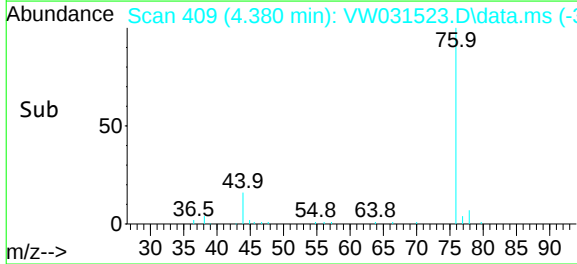
Instrument :
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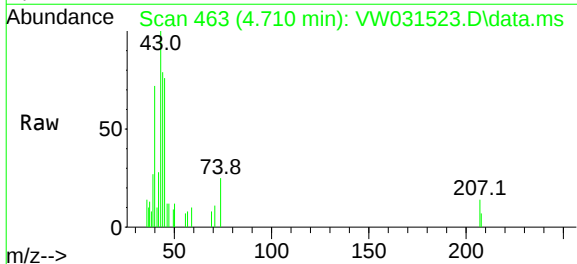
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Ion Ratio Lower Upper
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78 8.1 7.3 10.9

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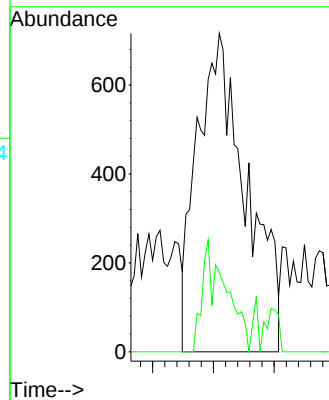
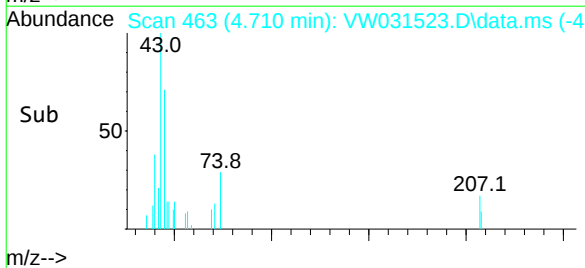
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024

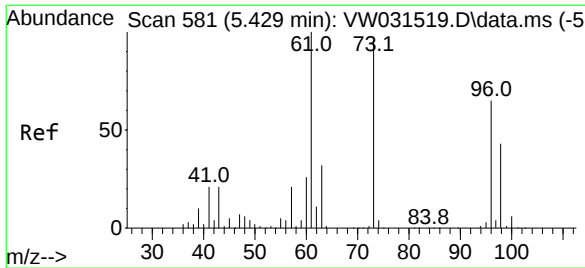


#15
Methyl Acetate
Concen: 1.629 ug/L m
RT: 4.710 min Scan# 463
Delta R.T. 0.018 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54



Tgt Ion: 43 Resp: 4007
Ion Ratio Lower Upper
43 100
74 10.4 18.9 28.3#





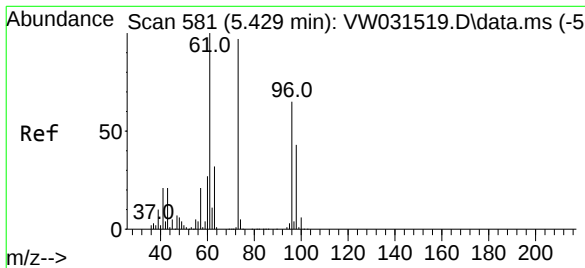
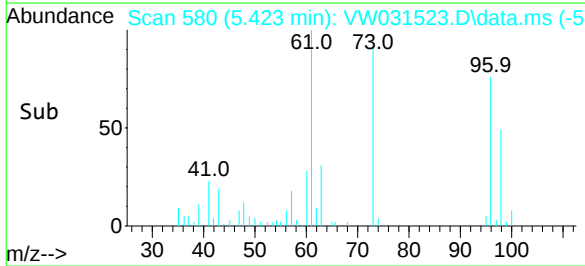
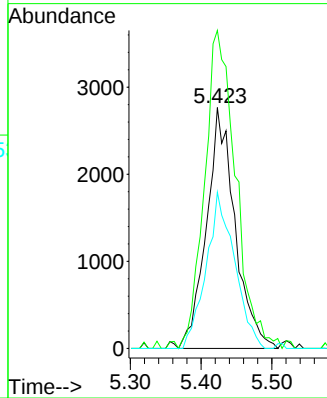
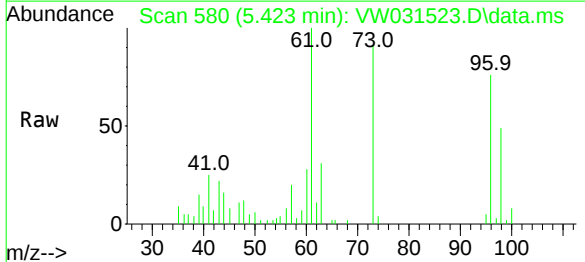
#17
trans-1,2-Dichloroethene
Concen: 1.068 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54

Instrument :
MSVOA_W
ClientSampleId :
MDL3

Tgt Ion: 96 Resp: 7746
Ion Ratio Lower Upper
96 100
61 132.0 100.7 187.1
98 64.9 43.8 81.3

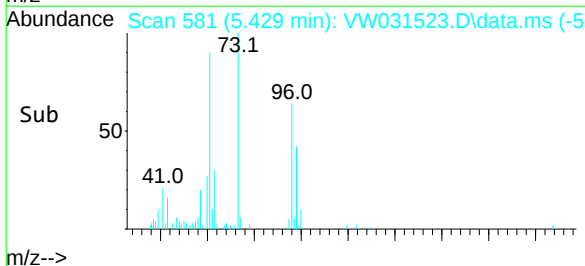
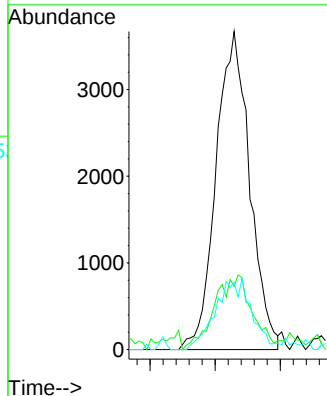
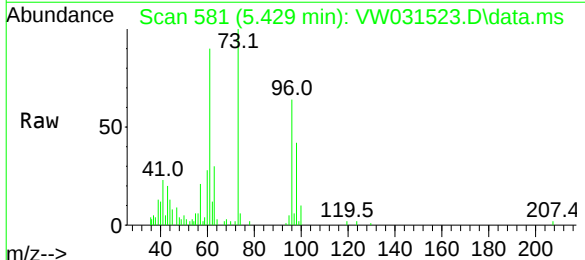
Manual Integrations
APPROVED

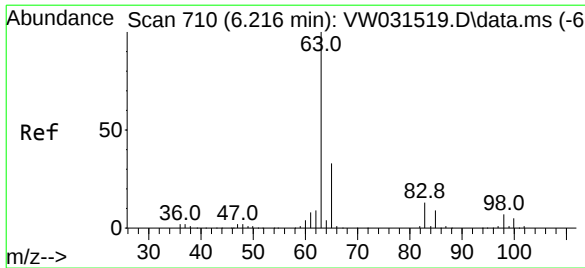
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#18
Methyl tert-butyl Ether
Concen: 1.088 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54

Tgt Ion: 73 Resp: 13191
Ion Ratio Lower Upper
73 100
43 10.3 17.9 26.9#
57 15.2 17.9 26.9#





#19

1,1-Dichloroethane

Concen: 1.065 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW031523.D

Acq: 26 Dec 2024 12:54

Instrument :

MSVOA_W

ClientSampleId :

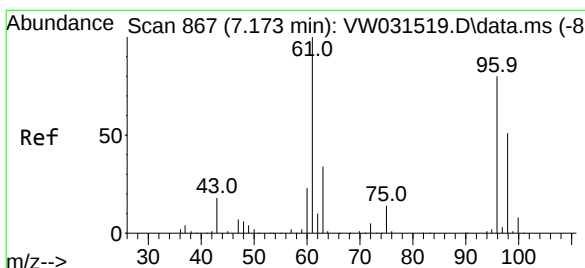
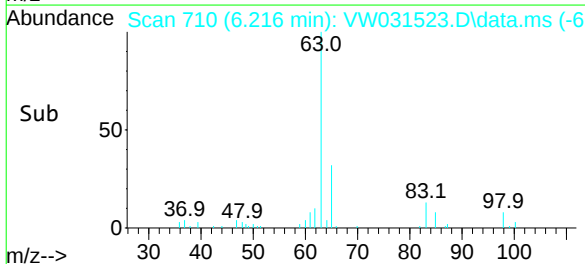
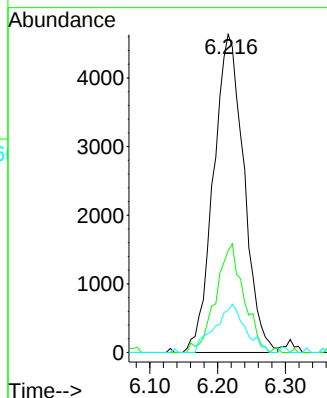
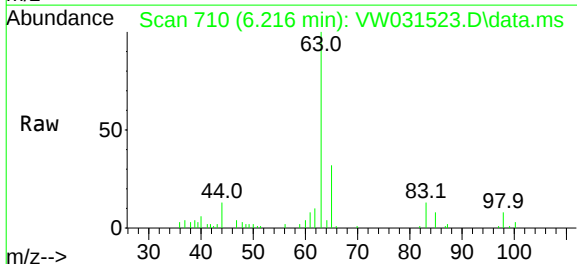
MDL3

Tgt Ion:	63	Resp:	14423
Ion	Ratio	Lower	Upper
63	100		
65	32.0	21.9	40.7
83	13.2	9.3	17.3

Manual Integrations

APPROVED

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



#20

cis-1,2-Dichloroethene

Concen: 1.097 ug/L

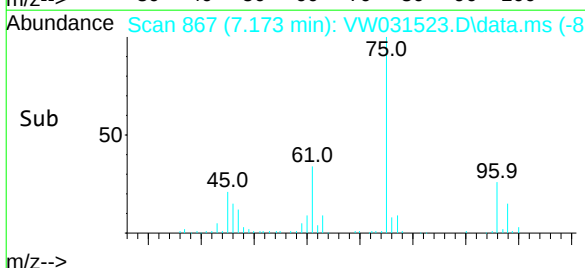
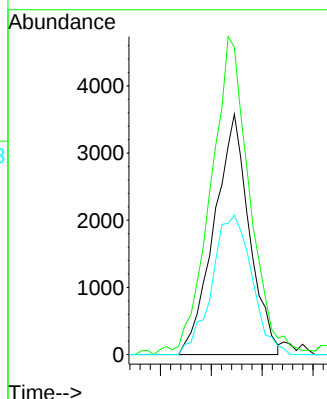
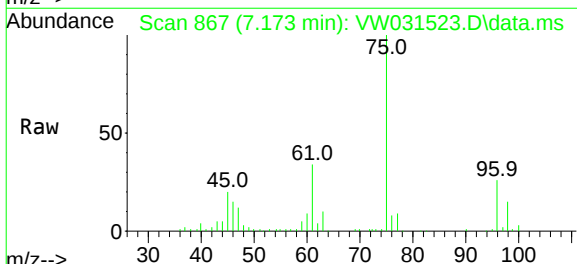
RT: 7.173 min Scan# 867

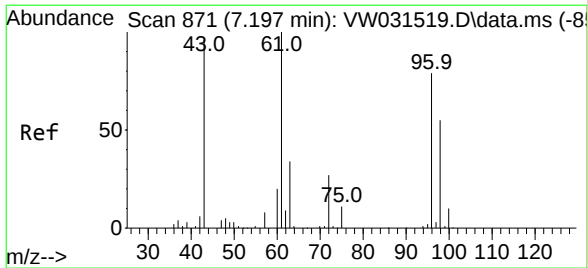
Delta R.T. -0.000 min

Lab File: VW031523.D

Acq: 26 Dec 2024 12:54

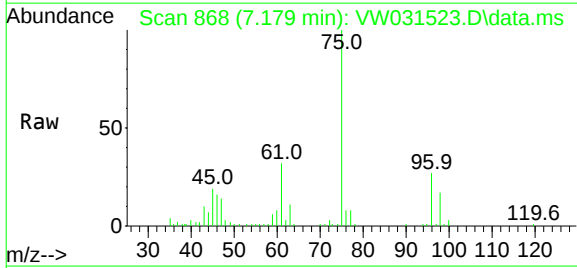
Tgt Ion:	96	Resp:	8605
Ion	Ratio	Lower	Upper
96	100		
61	127.8	92.2	171.2
98	57.9	43.7	81.1





#22
2-Butanone
Concen: 2.709 ug/L m
RT: 7.179 min Scan# 868
Delta R.T. -0.018 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54

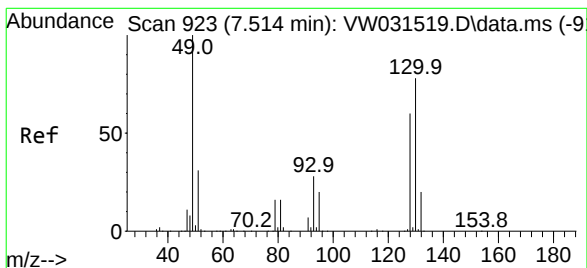
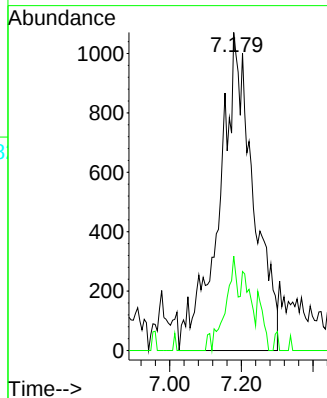
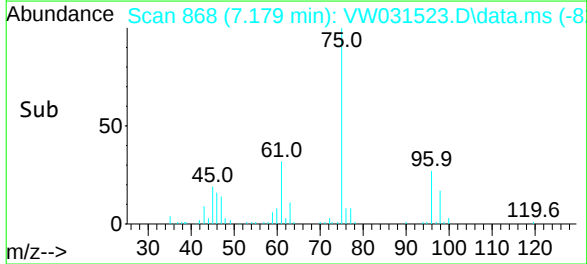
Instrument :
MSVOA_W
ClientSampleId :
MDL3



Tgt Ion: 43 Resp: 7106
Ion Ratio Lower Upper
43 100
72 0.6 13.3 39.8

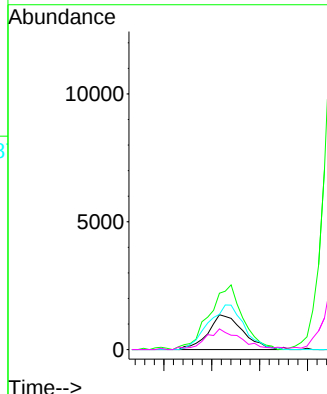
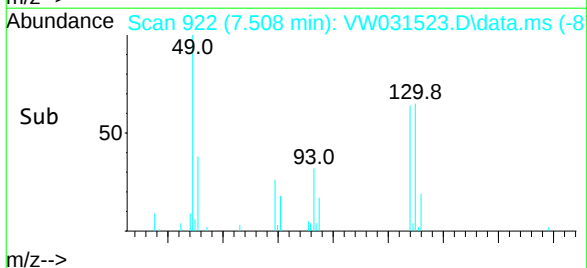
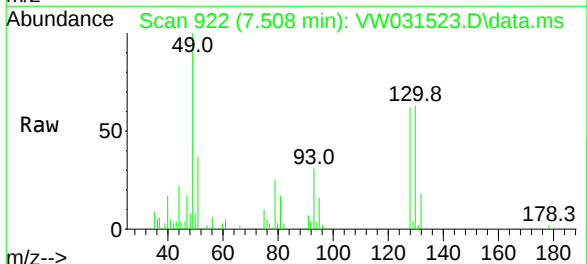
Manual Integrations
APPROVED

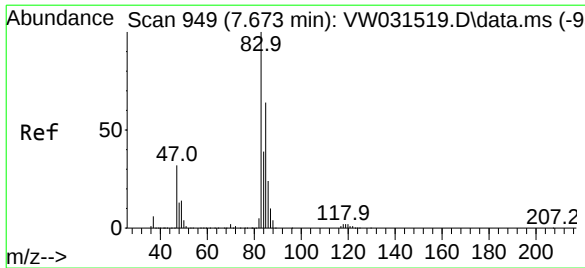
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#23
Bromochloromethane
Concen: 1.097 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54

Tgt Ion:128 Resp: 3432
Ion Ratio Lower Upper
128 100
49 161.7 123.7 229.7
130 101.2 90.3 167.7
51 59.3 46.1 69.1





#25

Chloroform

Concen: 1.485 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.000 min

Lab File: VW031523.D

Acq: 26 Dec 2024 12:54

Instrument :

MSVOA_W

ClientSampleId :

MDL3

Tgt Ion: 83 Resp: 19857

Ion Ratio Lower Upper

83 100

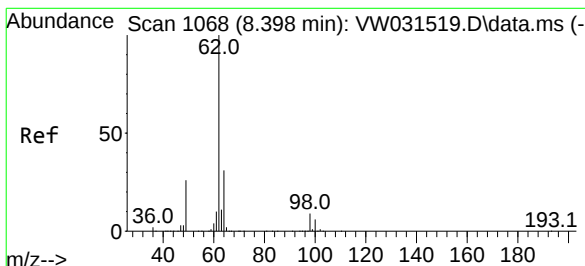
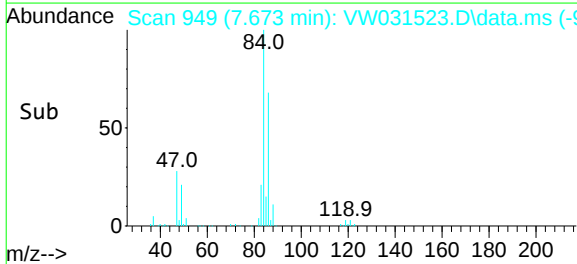
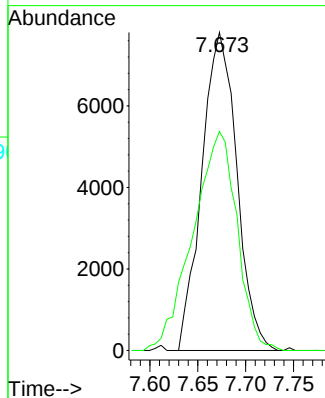
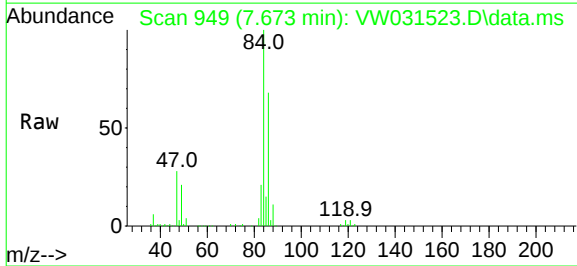
85 68.8 46.1 85.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/27/2024

Supervised By :Semsettin Yesilyurt 12/27/2024



#27

1,2-Dichloroethane

Concen: 1.139 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW031523.D

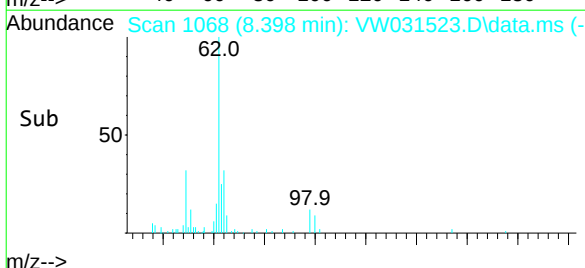
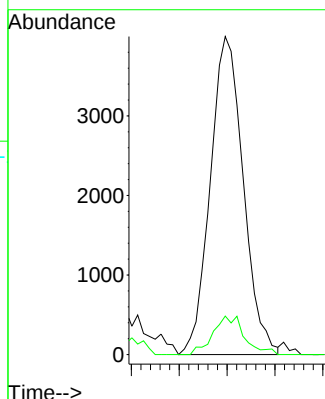
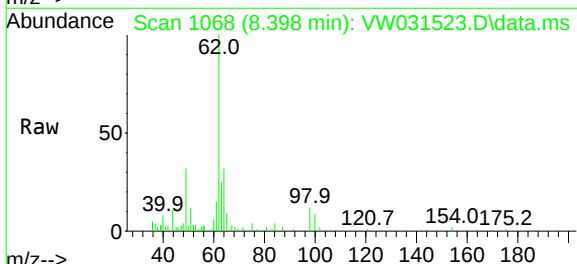
Acq: 26 Dec 2024 12:54

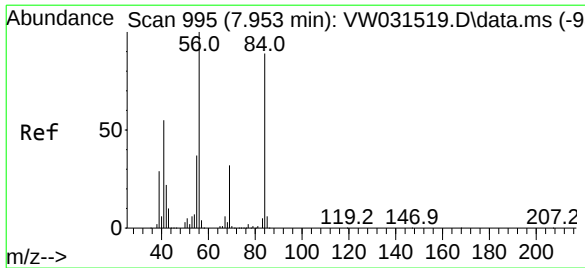
Tgt Ion: 62 Resp: 9579

Ion Ratio Lower Upper

62 100

98 12.1 7.2 10.8#





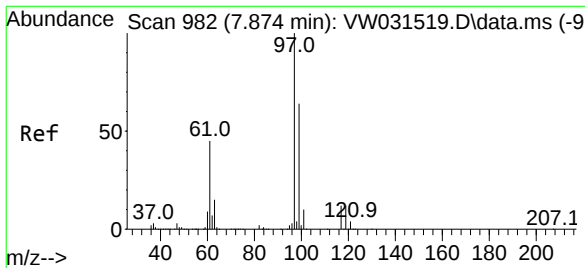
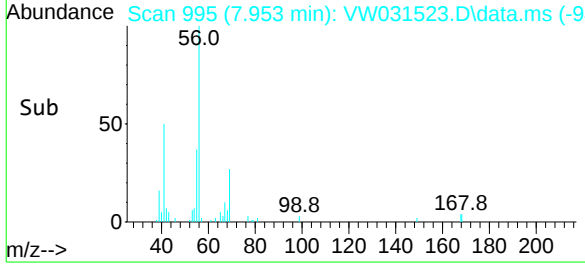
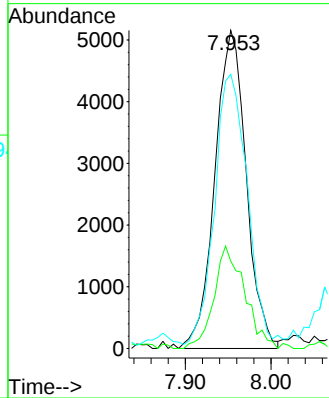
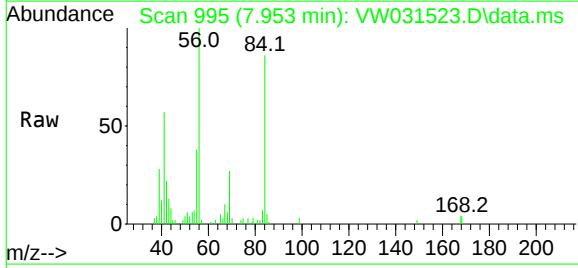
#29
Cyclohexane
Concen: 1.007 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.000 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54

Instrument :
MSVOA_W
ClientSampleId :
MDL3

Tgt Ion: 56	Resp: 13106
Ion Ratio	Lower Upper
56	100
69	31.5 25.0 37.4
84	90.8 68.9 103.3

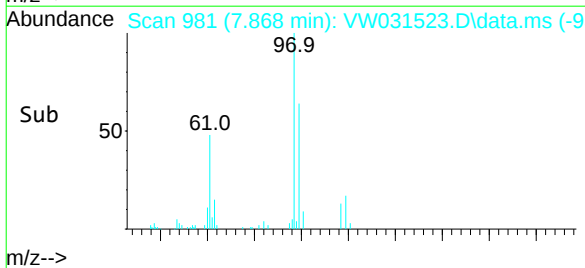
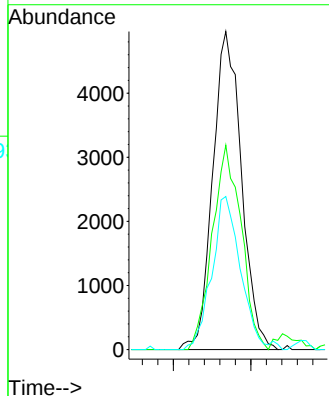
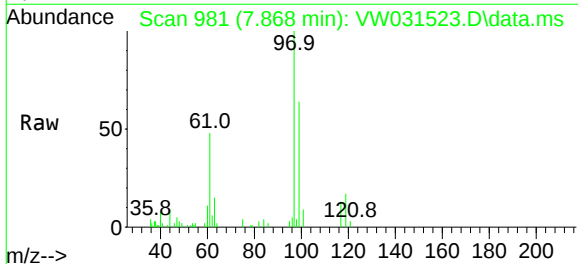
Manual Integrations
APPROVED

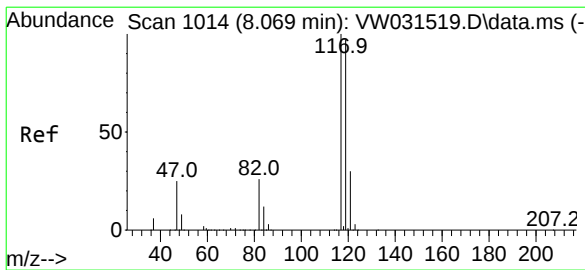
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#30
1,1,1-Trichloroethane
Concen: 1.028 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54

Tgt Ion: 97	Resp: 12747
Ion Ratio	Lower Upper
97	100
99	64.7 51.1 76.7
61	47.8 36.3 54.5





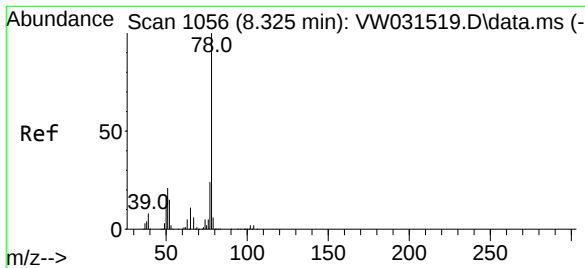
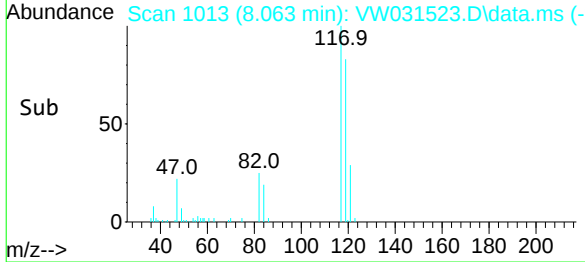
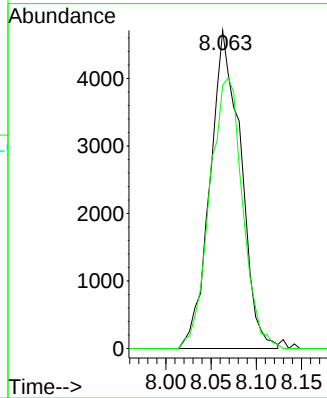
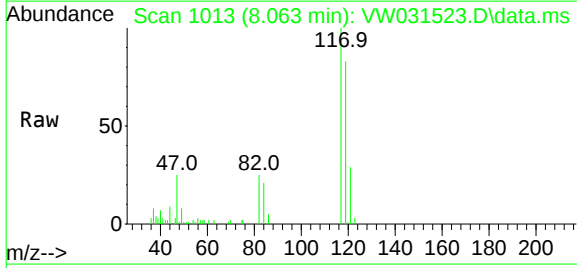
#31
Carbon tetrachloride
Concen: 1.005 ug/L
RT: 8.063 min Scan# 1014
Delta R.T. -0.006 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54

Instrument :
MSVOA_W
ClientSampleId :
MDL3

Tgt Ion:117 Resp: 11102
Ion Ratio Lower Upper
117 100
119 91.4 76.0 114.0

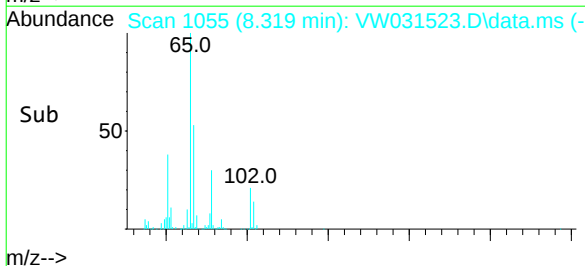
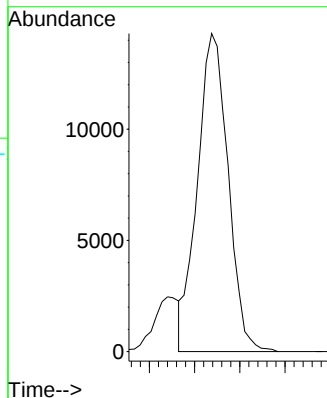
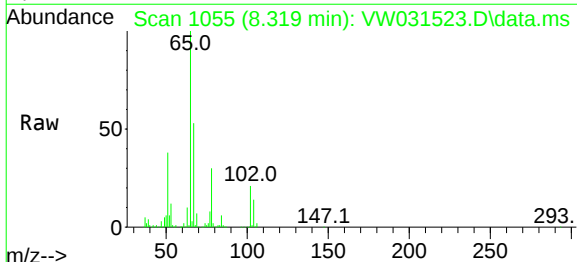
Manual Integrations
APPROVED

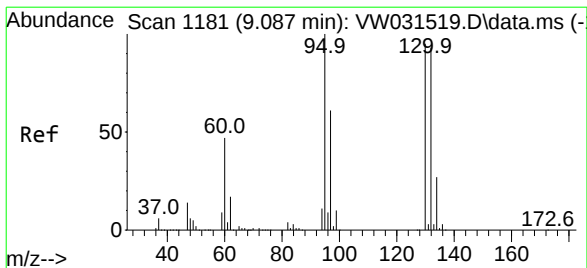
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#33
Benzene
Concen: 1.135 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54

Tgt Ion: 78 Resp: 33654





#34

Trichloroethene

Concen: 1.106 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW031523.D

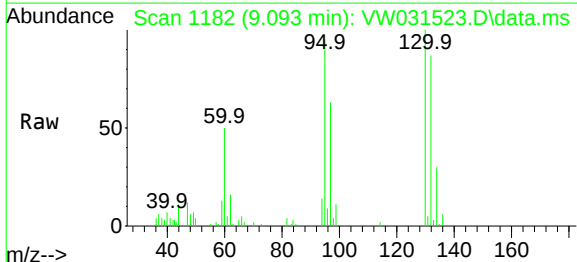
Acq: 26 Dec 2024 12:54

Instrument :

MSVOA_W

ClientSampleId :

MDL3



Tgt Ion: 95 Resp: 9264

Ion Ratio Lower Upper

95 100

97 65.9 46.5 86.3

132 91.6 70.3 130.5

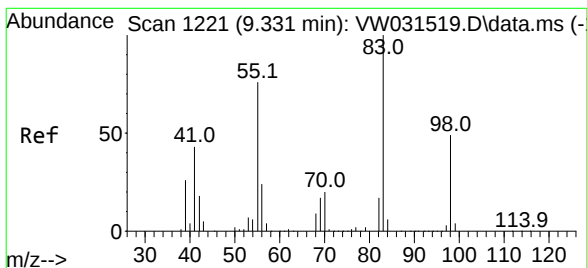
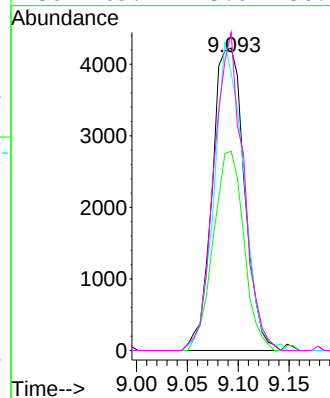
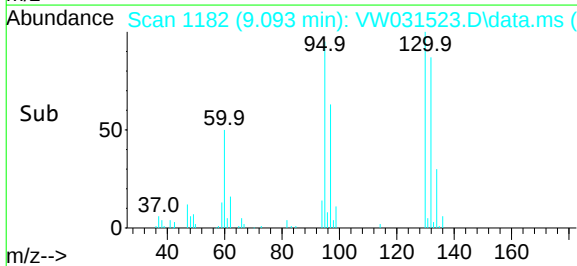
130 105.1 73.6 136.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/27/2024

Supervised By :Semsettin Yesilyurt 12/27/2024



#35

Methylcyclohexane

Concen: 0.970 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW031523.D

Acq: 26 Dec 2024 12:54

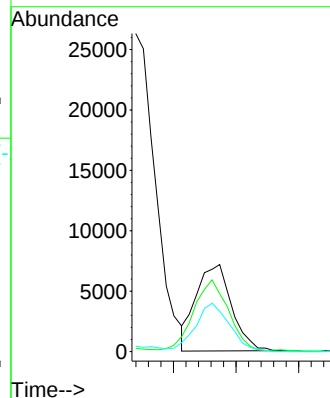
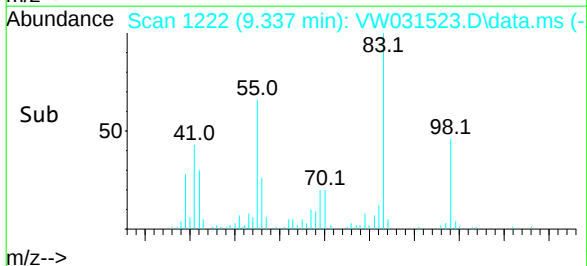
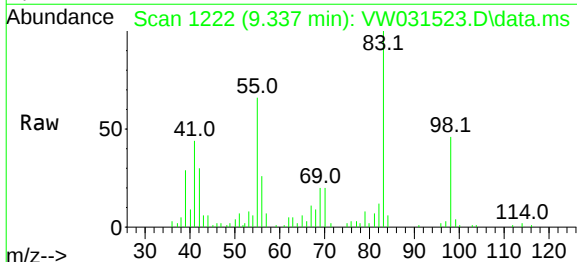
Tgt Ion: 83 Resp: 14147

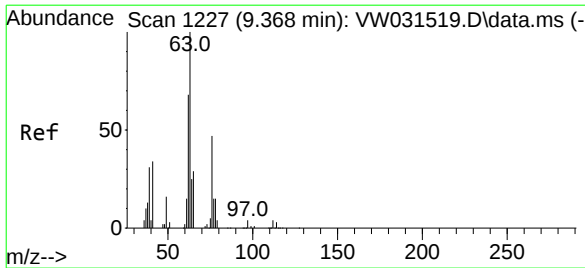
Ion Ratio Lower Upper

83 100

55 81.0 62.6 93.8

98 54.1 39.8 59.6





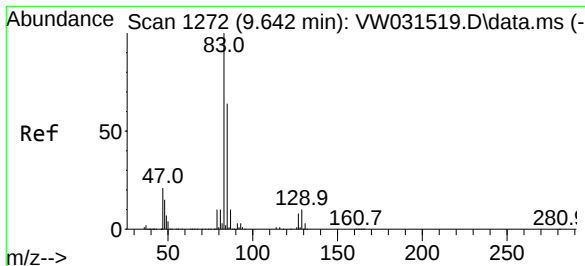
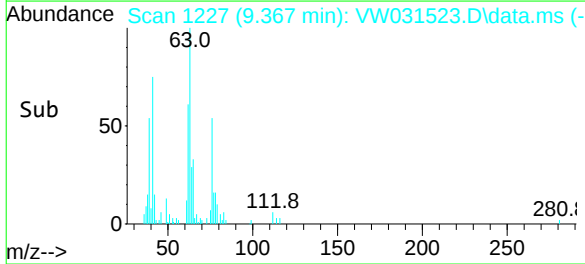
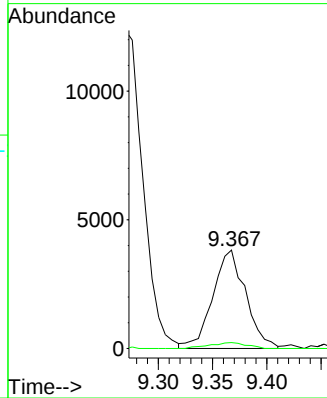
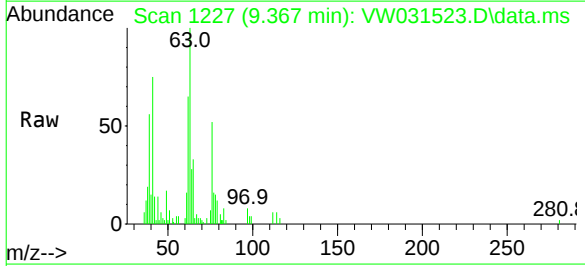
#37
1,2-Dichloropropane
Concen: 1.088 ug/L
RT: 9.367 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54

Instrument :
MSVOA_W
ClientSampleId :
MDL3

Tgt Ion: 63 Resp: 8053
Ion Ratio Lower Upper
63 100
112 6.7 3.8 5.8#

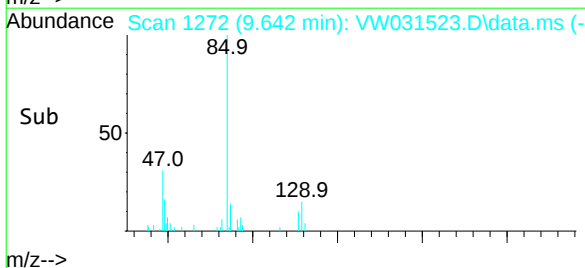
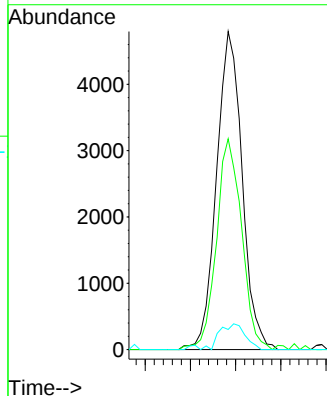
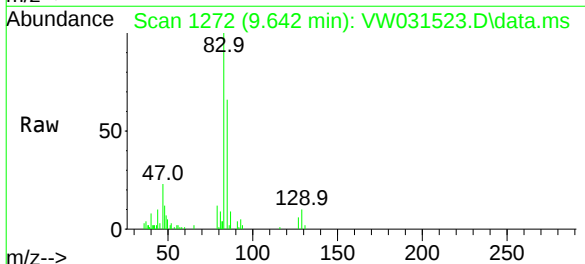
Manual Integrations
APPROVED

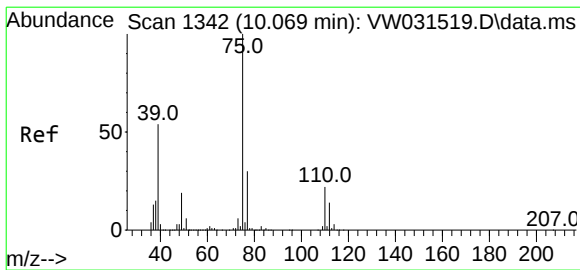
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#38
Bromodichloromethane
Concen: 0.982 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54

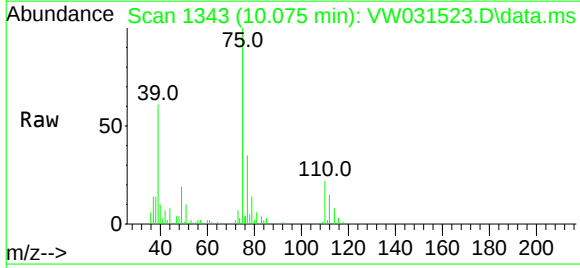
Tgt Ion: 83 Resp: 9450
Ion Ratio Lower Upper
83 100
85 66.3 46.5 86.5
127 6.3 6.2 9.4





#39
 cis-1,3-Dichloropropene
 Concen: 0.981 ug/L
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.006 min
 Lab File: VW031523.D
 Acq: 26 Dec 2024 12:54

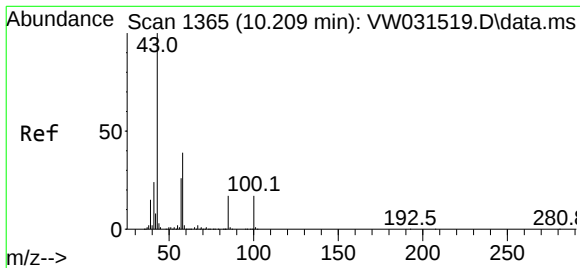
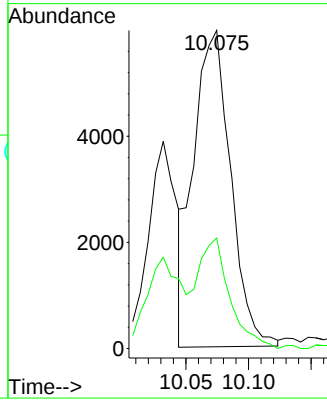
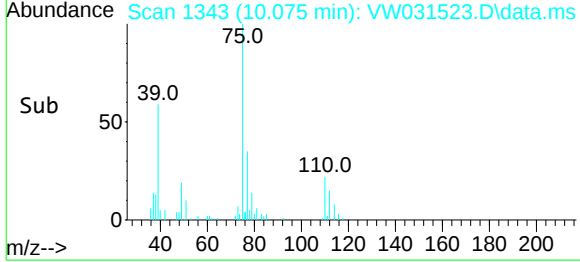
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL3



Tgt Ion: 75 Resp: 12259
 Ion Ratio Lower Upper
 75 100
 77 34.7 21.8 40.4

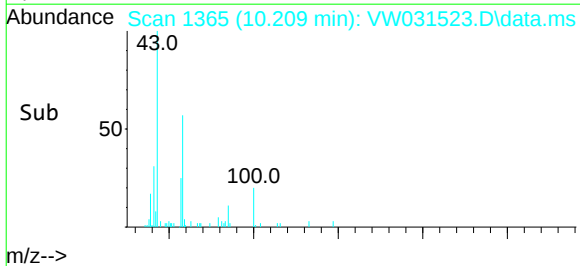
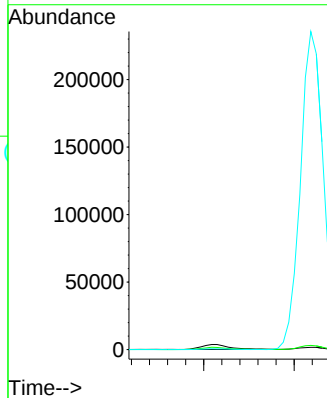
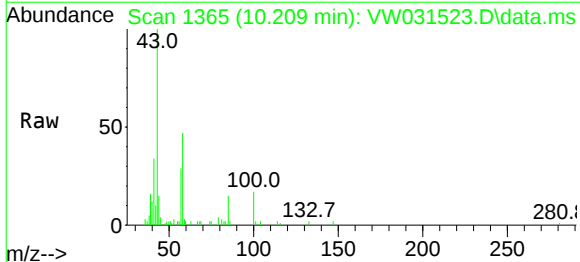
Manual Integrations
 APPROVED

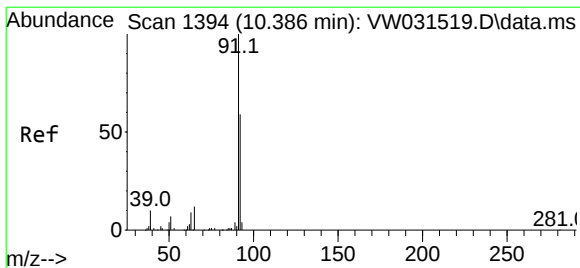
Reviewed By :Mahesh Dadoda 12/27/2024
 Supervised By :Semsettin Yesilyurt 12/27/2024



#40
 4-Methyl-2-pentanone
 Concen: 2.053 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW031523.D
 Acq: 26 Dec 2024 12:54

Tgt Ion: 43 Resp: 8057
 Ion Ratio Lower Upper
 43 100
 58 46.7 31.1 46.7
 100 16.7 13.0 19.6





#42

Toluene

Concen: 1.086 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW031523.D

Acq: 26 Dec 2024 12:54

Instrument :

MSVOA_W

ClientSampleId :

MDL3

Tgt Ion: 91 Resp: 35076

Ion Ratio Lower Upper

91 100

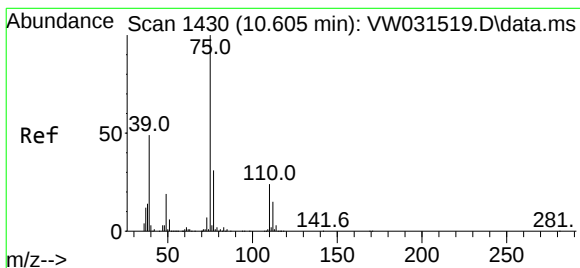
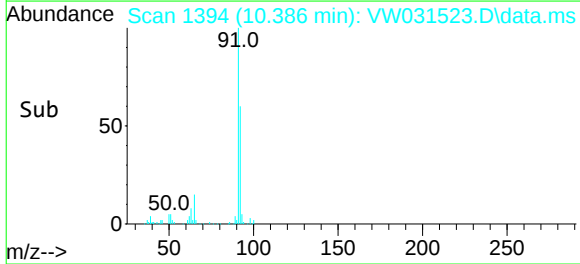
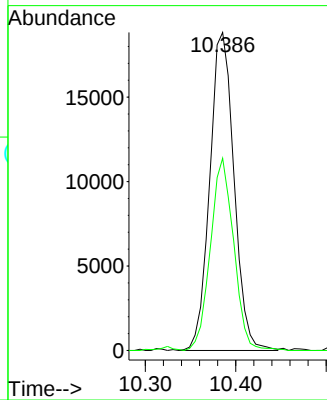
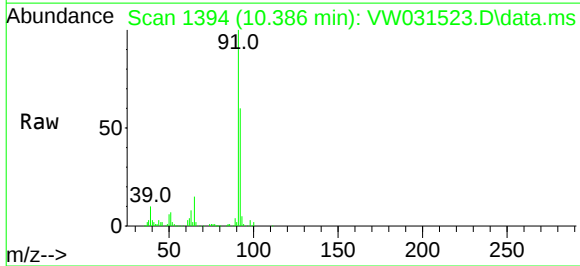
92 60.4 40.3 74.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/27/2024

Supervised By :Semsettin Yesilyurt 12/27/2024



#44

trans-1,3-Dichloropropene

Concen: 1.269 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW031523.D

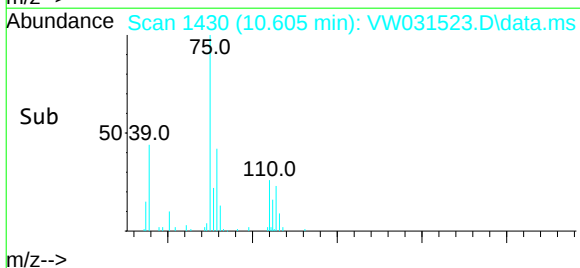
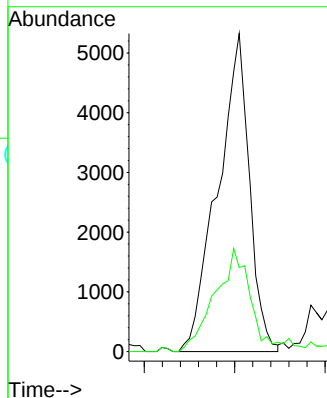
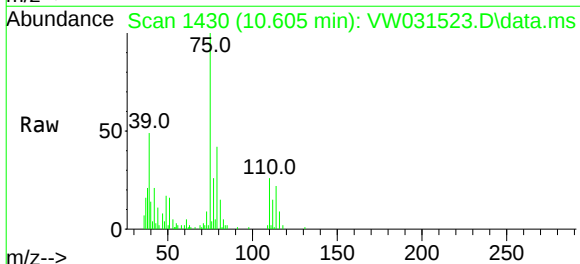
Acq: 26 Dec 2024 12:54

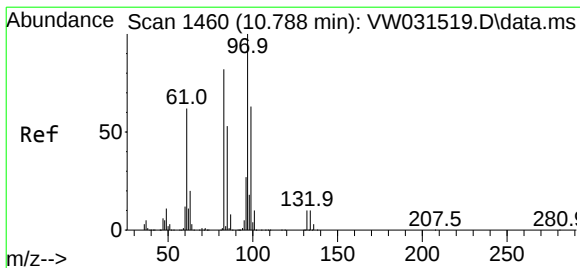
Tgt Ion: 75 Resp: 12952

Ion Ratio Lower Upper

75 100

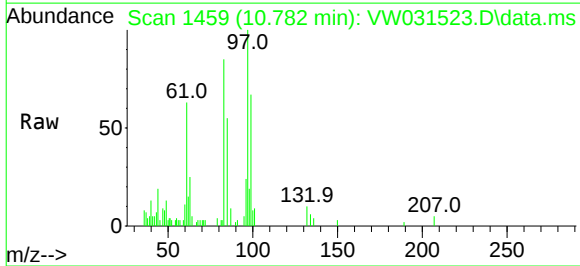
77 26.4 21.2 39.4





#45
1,1,2-Trichloroethane
Concen: 1.129 ug/L
RT: 10.782 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54

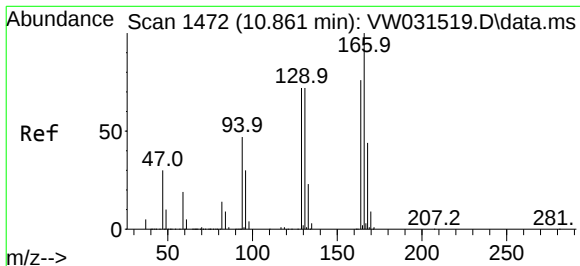
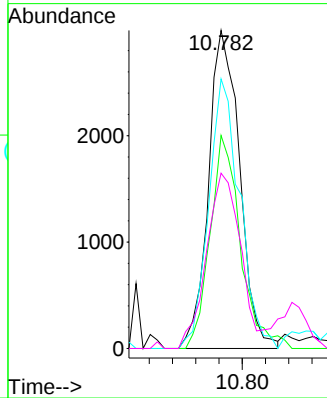
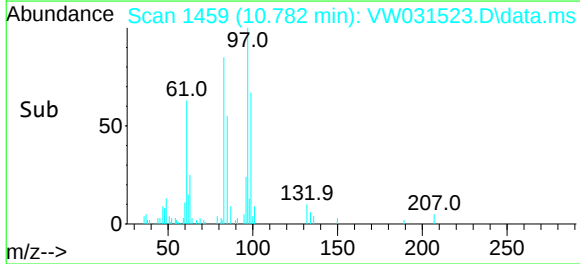
Instrument :
MSVOA_W
ClientSampleId :
MDL3



Tgt Ion:	97	Resp:	5557
Ion	Ratio	Lower	Upper
97	100		
99	67.0	43.0	80.0
83	84.7	56.4	104.7
85	55.1	37.9	70.3

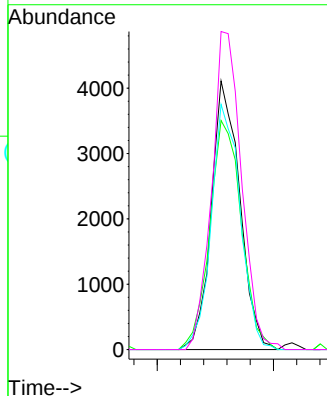
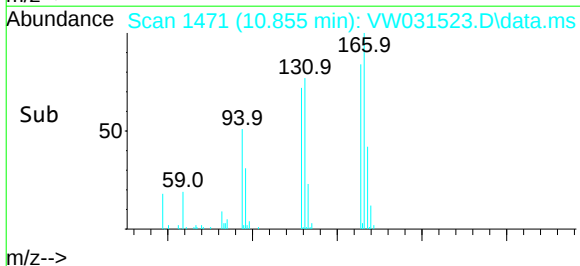
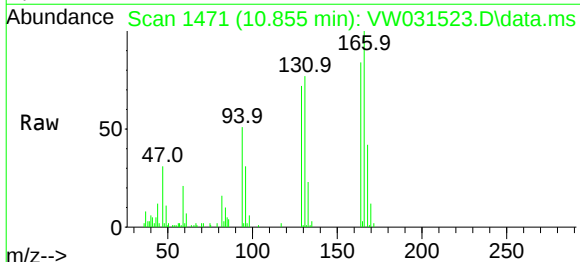
Manual Integrations
APPROVED

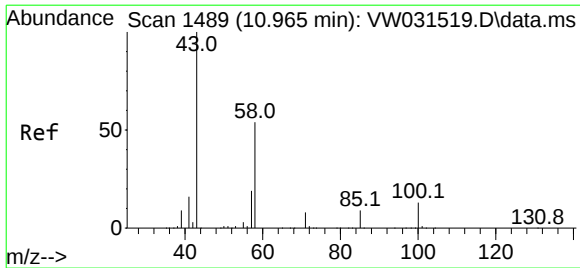
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#46
Tetrachloroethene
Concen: 1.137 ug/L
RT: 10.855 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54

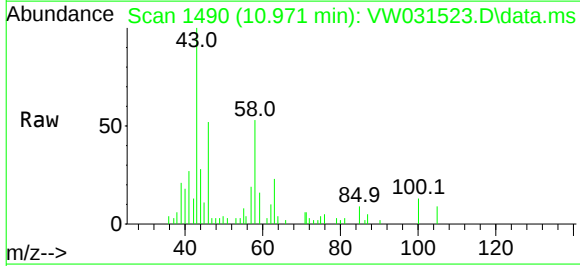
Tgt Ion:	164	Resp:	6972
Ion	Ratio	Lower	Upper
164	100		
129	85.3	73.5	136.5
131	91.3	66.6	123.8
166	118.4	92.7	172.3





#48
2-Hexanone
Concen: 1.527 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54

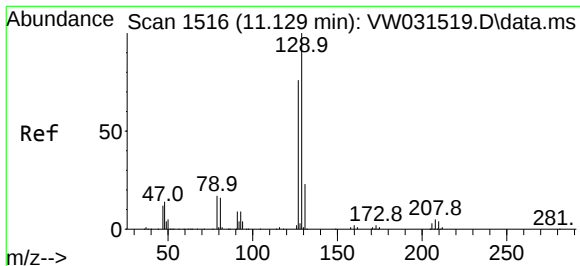
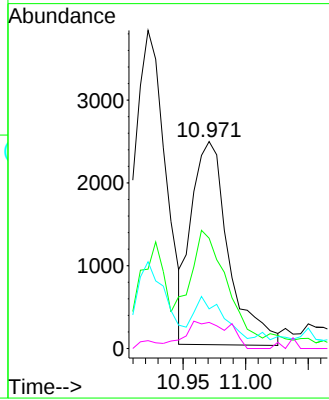
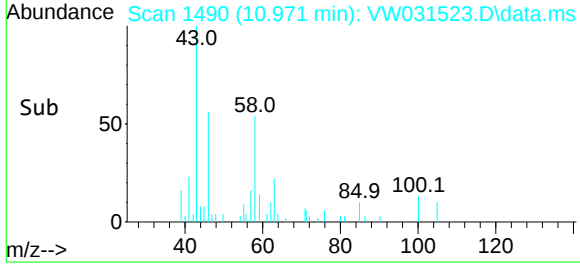
Instrument : MSVOA_W
ClientSampleId : MDL3



Tgt Ion	Ratio	Lower	Upper
43	100		
58	61.7	43.0	64.6
57	21.9	15.7	23.5
100	12.8	10.3	15.5

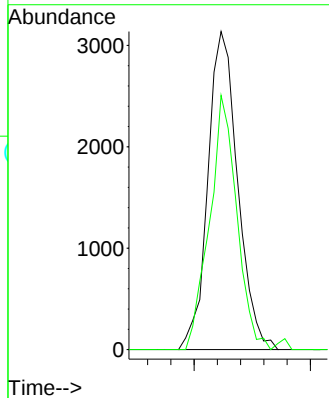
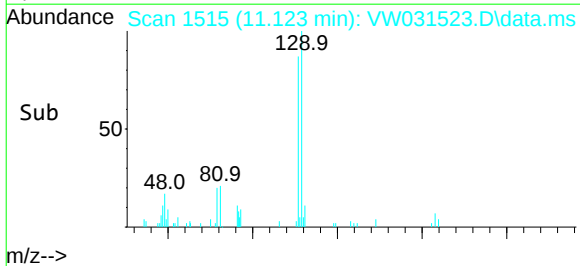
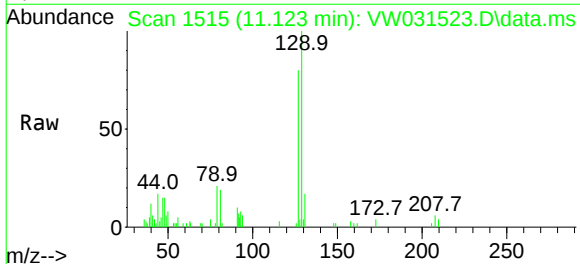
Manual Integrations
APPROVED

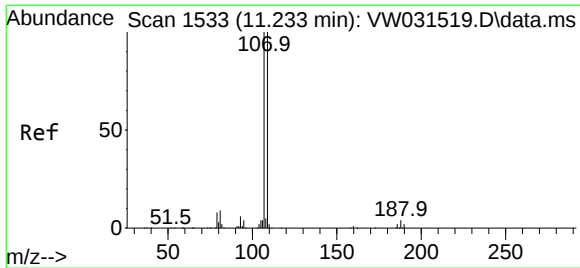
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#49
Dibromochloromethane
Concen: 0.958 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54

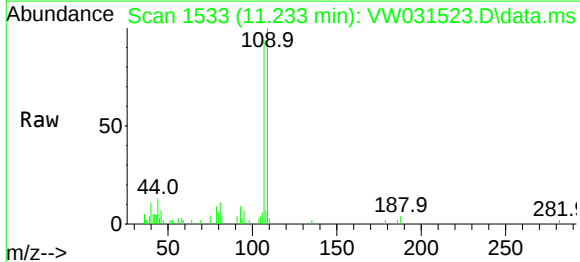
Tgt Ion	Ratio	Lower	Upper
129	100		
127	79.9	57.6	107.0





#50
1,2-Dibromoethane
Concen: 1.091 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54

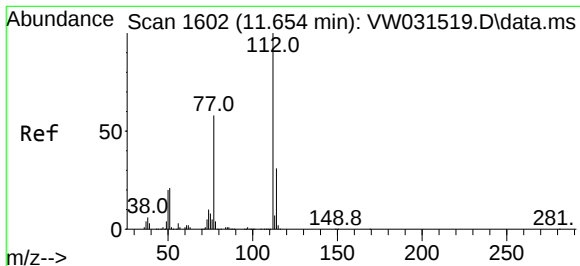
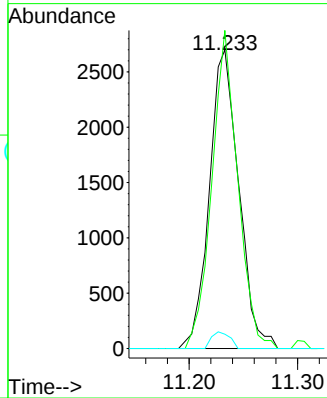
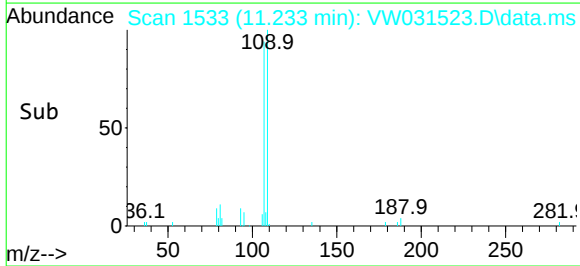
Instrument : MSVOA_W
ClientSampleId : MDL3



Tgt Ion	Ratio	Lower	Upper
107	100		
109	106.5	63.2	117.4
188	4.8	2.6	4.0

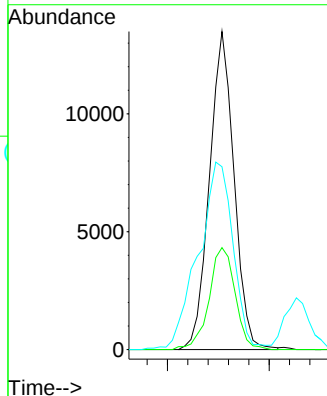
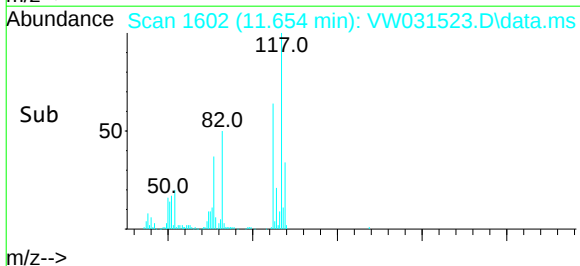
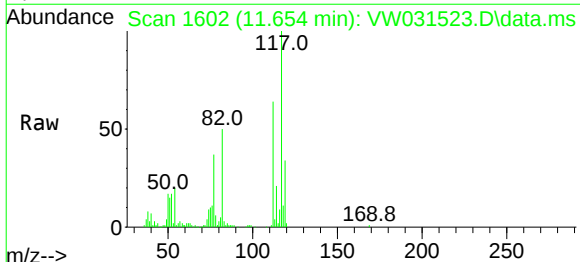
Manual Integrations
APPROVED

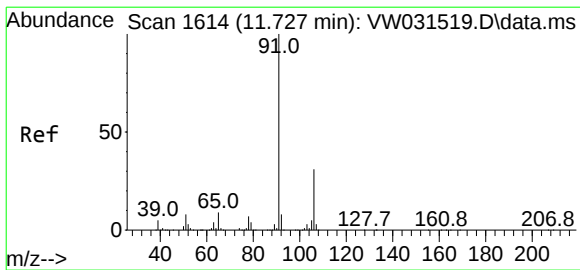
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#51
Chlorobenzene
Concen: 1.119 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54

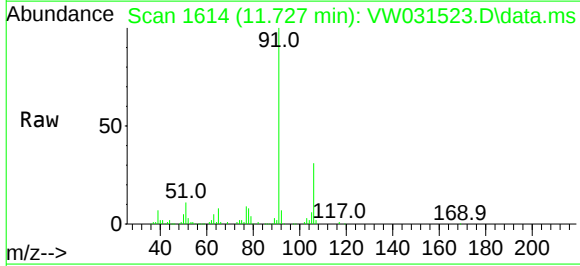
Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.7	42.3
77	57.5	50.2	75.4





#52
Ethylbenzene
Concen: 1.074 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54

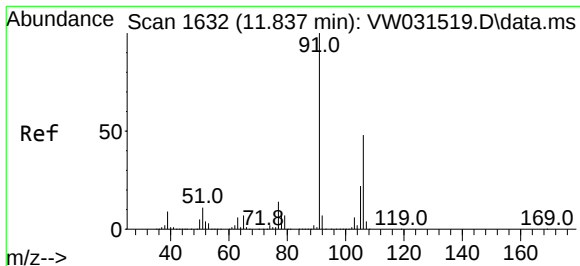
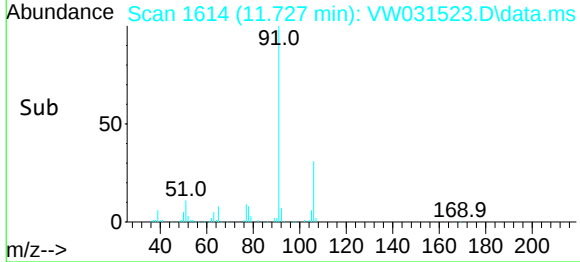
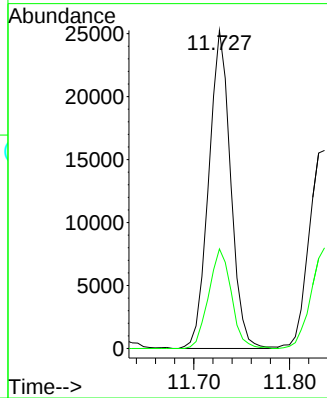
Instrument :
MSVOA_W
ClientSampleId :
MDL3



Tgt Ion: 91 Resp: 40174
Ion Ratio Lower Upper
91 100
106 31.3 20.7 38.5

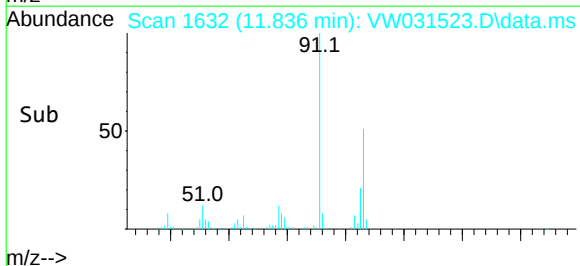
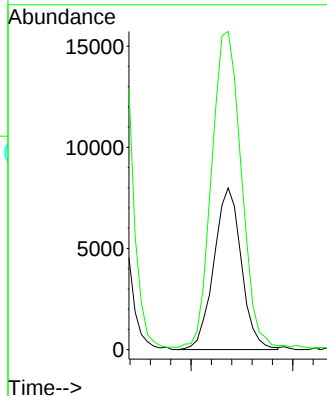
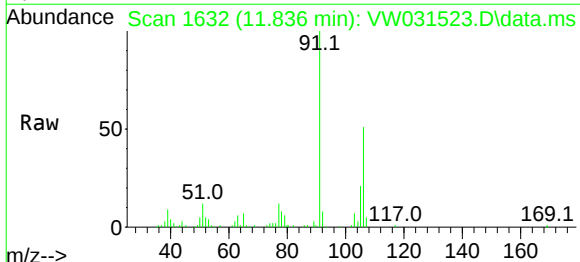
Manual Integrations
APPROVED

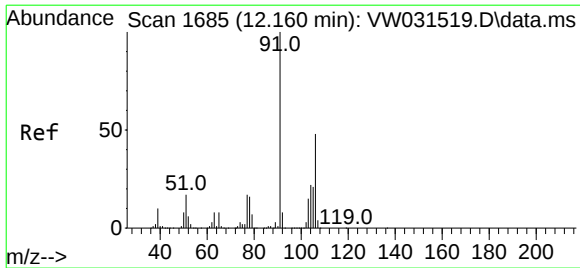
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#53
m,p-Xylene
Concen: 1.054 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54

Tgt Ion:106 Resp: 15009
Ion Ratio Lower Upper
106 100
91 196.7 139.9 259.7





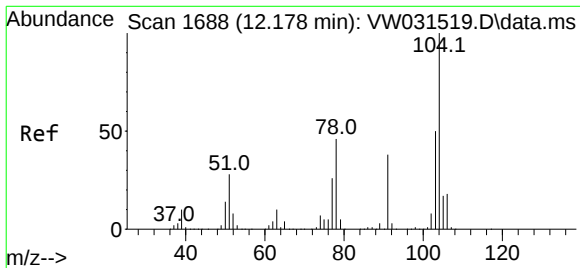
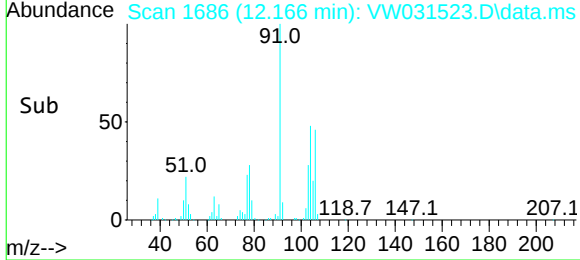
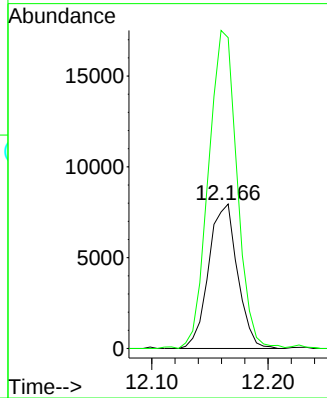
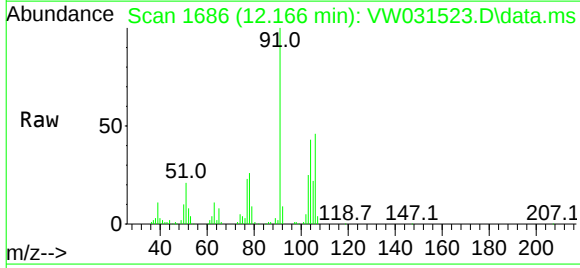
#54
o-Xylene
Concen: 1.019 ug/L
RT: 12.166 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54

Instrument :
MSVOA_W
ClientSampleId :
MDL3

Tgt Ion:106 Resp: 13687
Ion Ratio Lower Upper
106 100
91 215.2 153.1 284.3

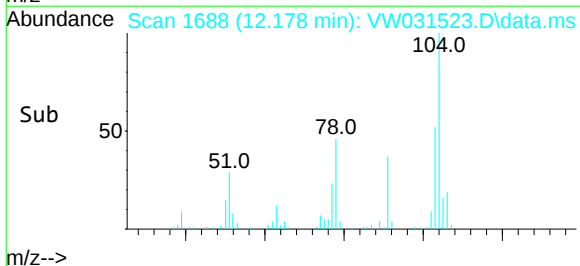
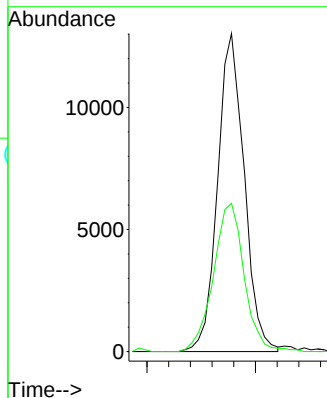
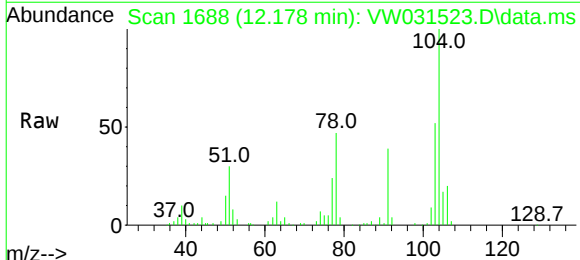
Manual Integrations
APPROVED

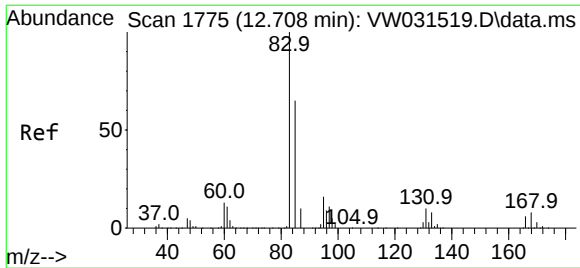
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#55
Styrene
Concen: 0.993 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54

Tgt Ion:104 Resp: 22178
Ion Ratio Lower Upper
104 100
78 46.6 31.4 58.4





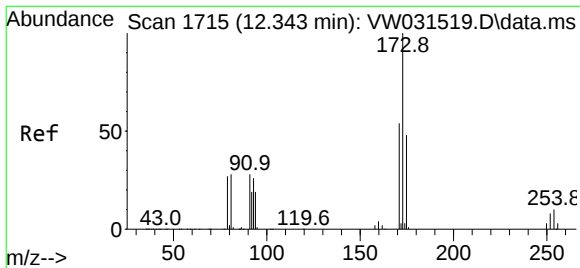
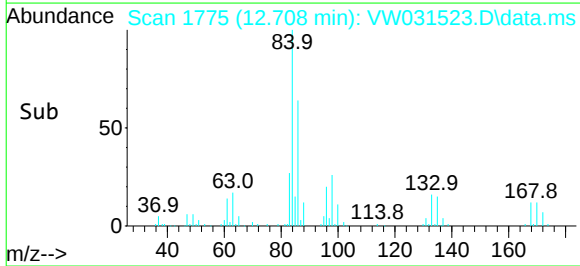
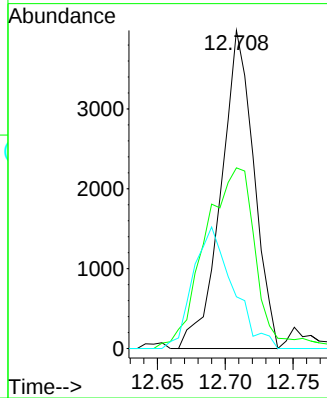
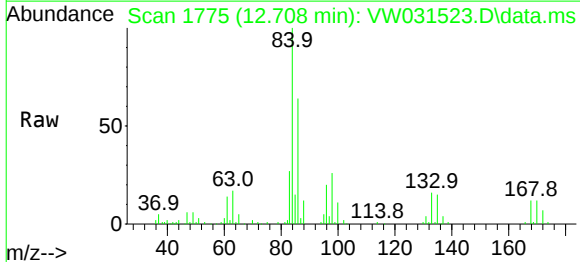
#57
1,1,2,2-Tetrachloroethane
Concen: 1.262 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54

Instrument : MSVOA_W
ClientSampleId : MDL3

Tgt Ion:	83	Resp:	6693
Ion	Ratio	Lower	Upper
83	100		
85	56.8	44.1	81.9
131	16.3	7.9	11.9

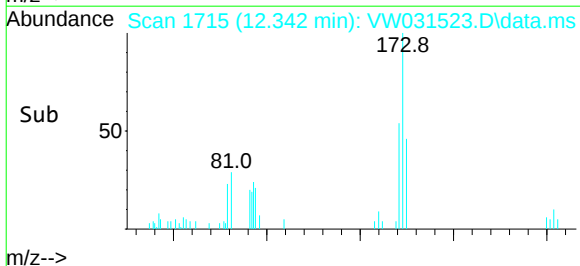
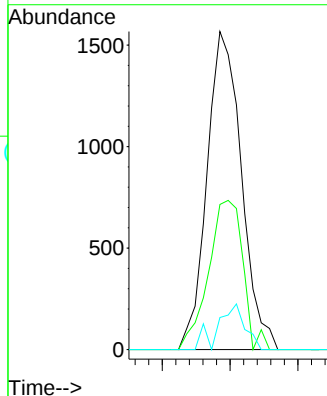
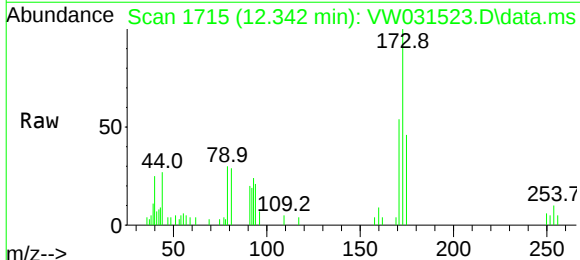
Manual Integrations
APPROVED

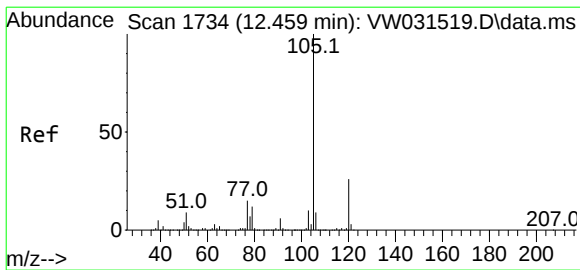
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#59
Bromoform
Concen: 0.827 ug/L
RT: 12.342 min Scan# 1715
Delta R.T. -0.000 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54

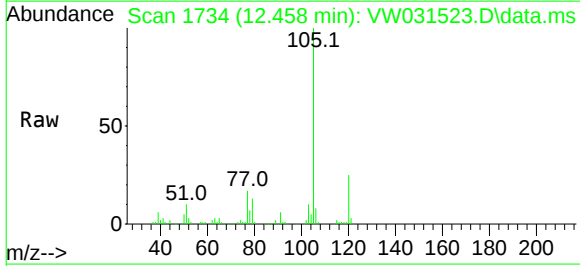
Tgt Ion:	173	Resp:	2765
Ion	Ratio	Lower	Upper
173	100		
175	45.5	38.6	57.8
254	9.6	7.6	11.4





#60
Isopropylbenzene
Concen: 1.028 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54

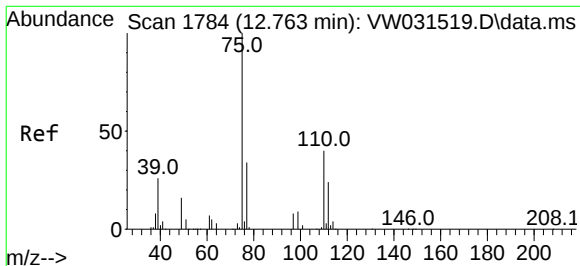
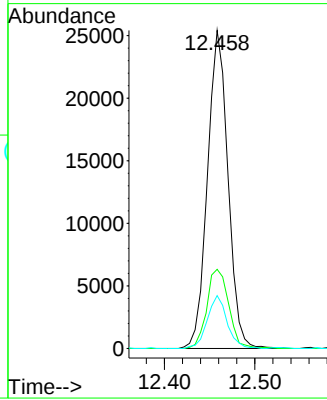
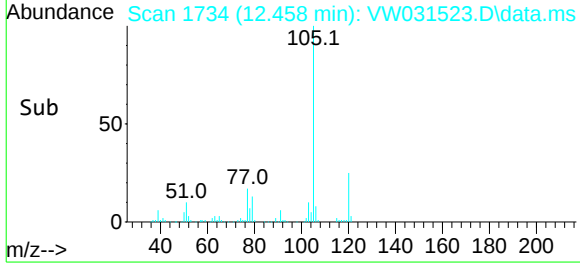
Instrument :
MSVOA_W
ClientSampleId :
MDL3



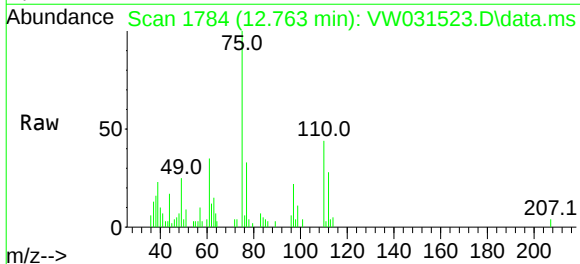
Tgt Ion:	105	Resp:	40028
Ion Ratio	Lower	Upper	
105	100		
120	26.5	20.6	31.0
77	16.1	12.8	19.2

Manual Integrations
APPROVED

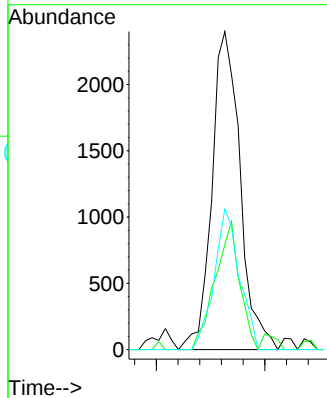
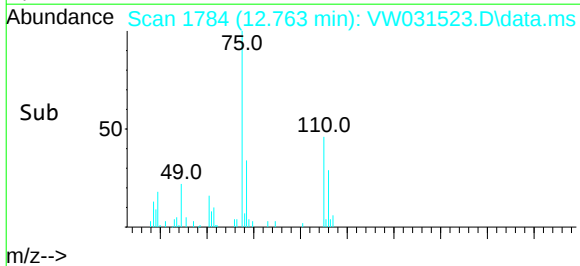
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024

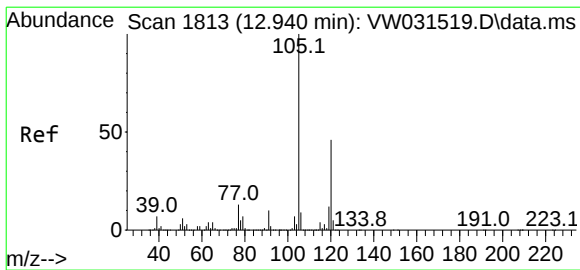


#61
1,2,3-Trichloropropane
Concen: 1.064 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54



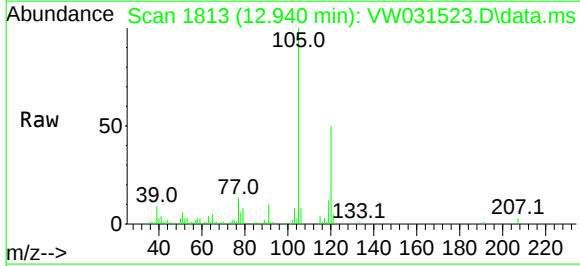
Tgt Ion:	75	Resp:	4330
Ion Ratio	Lower	Upper	
75	100		
77	35.1	25.3	37.9
110	39.6	31.2	46.8





#62
1,3,5-Trimethylbenzene
Concen: 0.934 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54

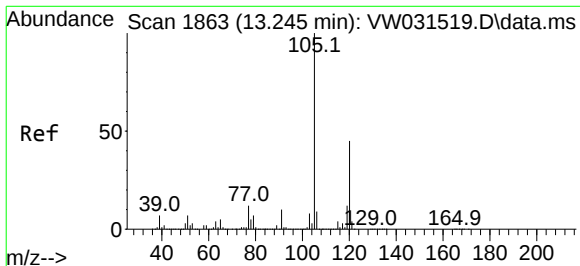
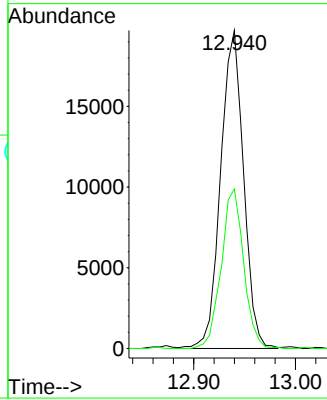
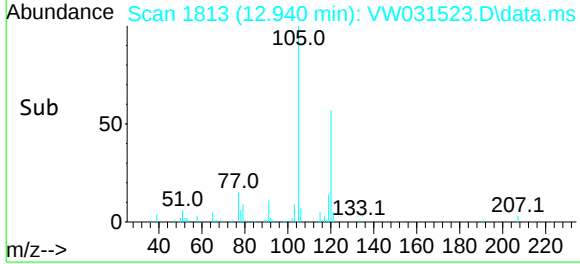
Instrument : MSVOA_W
ClientSampleId : MDL3



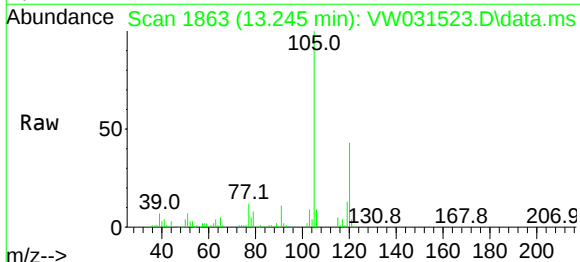
Tgt Ion:105 Resp: 30841
Ion Ratio Lower Upper
105 100
120 49.0 37.3 55.9

Manual Integrations
APPROVED

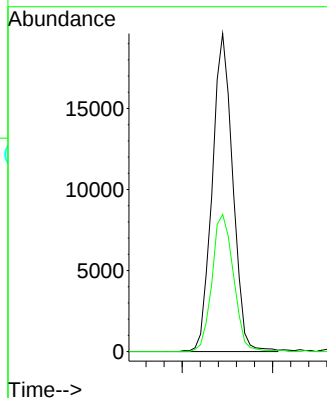
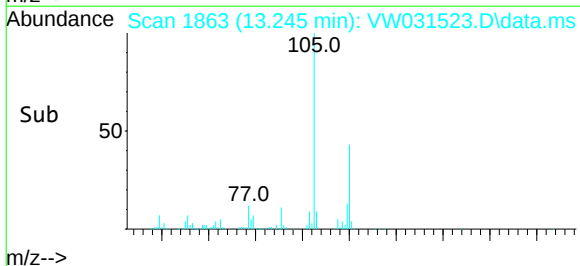
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024

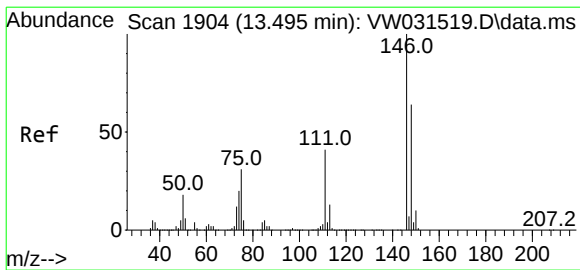


#63
1,2,4-Trimethylbenzene
Concen: 0.970 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54



Tgt Ion:105 Resp: 30960
Ion Ratio Lower Upper
105 100
120 44.9 35.0 52.4





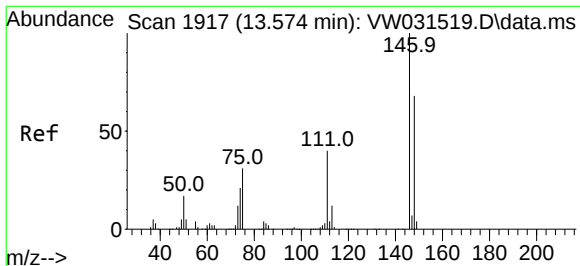
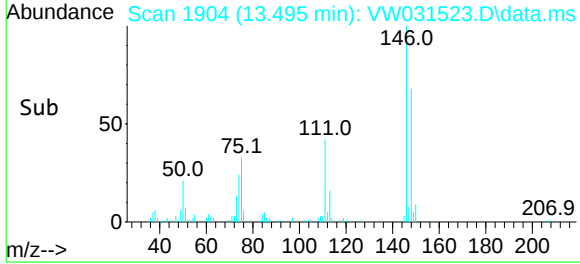
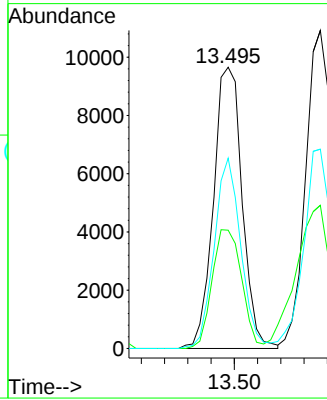
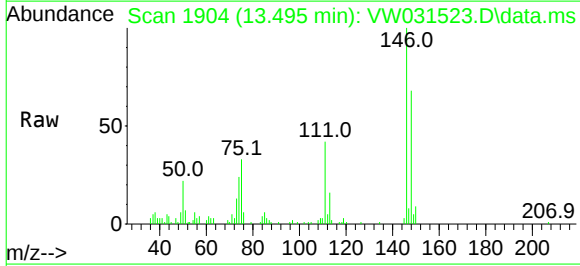
#64
1,3-Dichlorobenzene
Concen: 1.049 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54

Instrument :
MSVOA_W
ClientSampleId :
MDL3

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	27.6	51.2
148	67.7	41.0	76.2

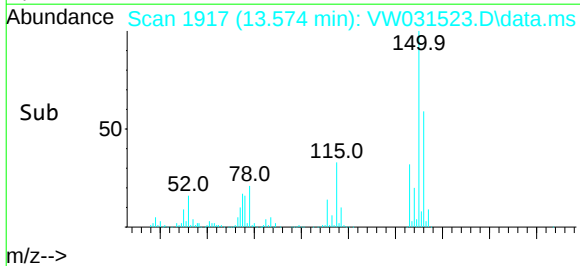
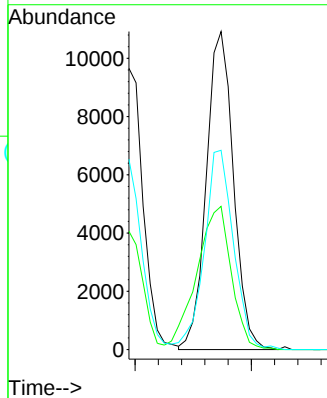
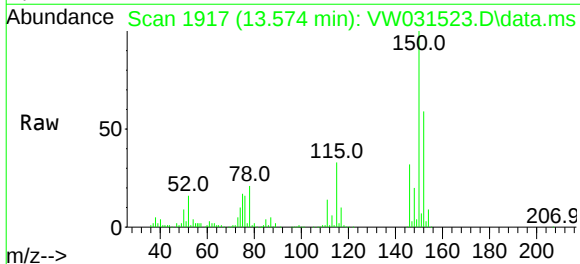
Manual Integrations
APPROVED

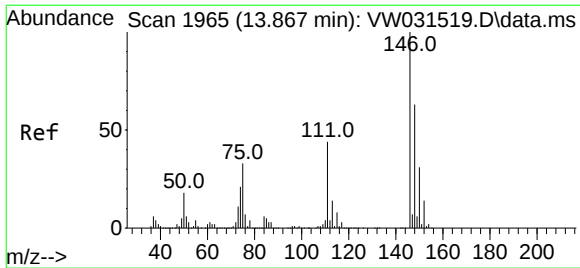
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#65
1,4-Dichlorobenzene
Concen: 1.133 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.0	30.7	56.9
148	62.7	46.5	86.3





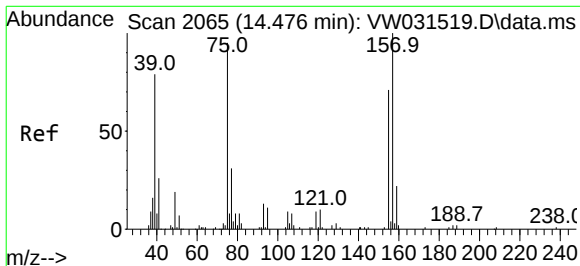
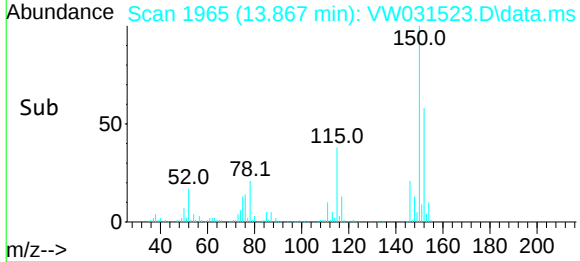
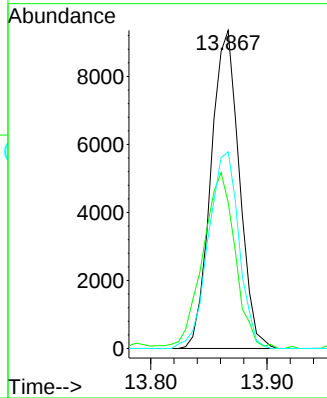
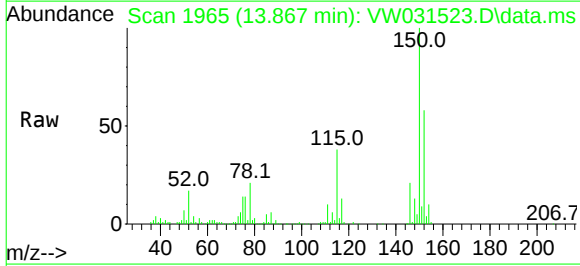
#67
1,2-Dichlorobenzene
Concen: 1.164 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54

Instrument :
MSVOA_W
ClientSampleId :
MDL3

Tgt Ion:	146	Resp:	15821
Ion Ratio	Lower	Upper	
146	100		
111	46.0	38.6	58.0
148	61.9	53.6	80.4

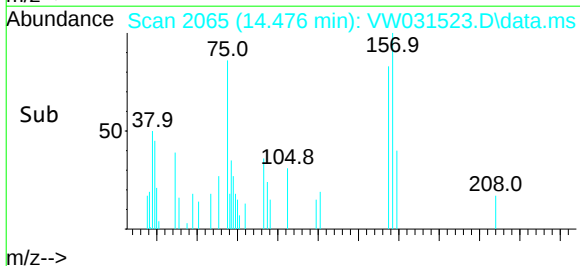
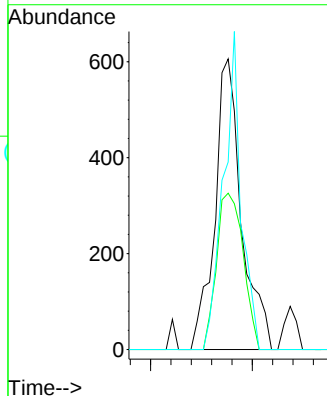
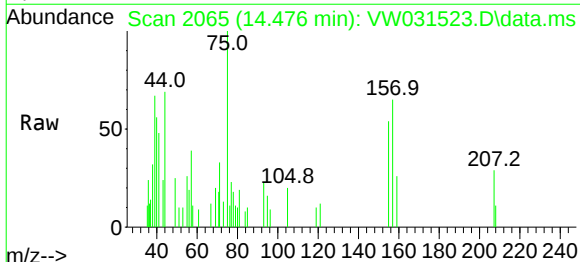
Manual Integrations
APPROVED

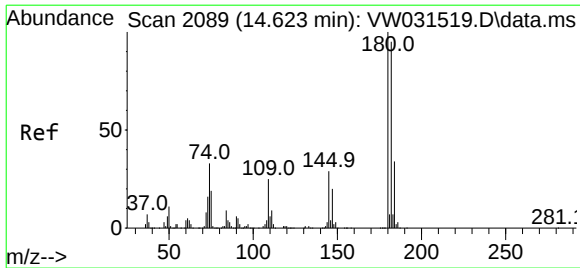
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#68
1,2-Dibromo-3-chloropropane
Concen: 1.070 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54

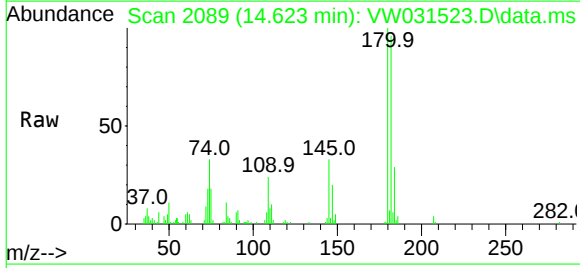
Tgt Ion:	75	Resp:	1105
Ion Ratio	Lower	Upper	
75	100		
155	53.8	56.6	85.0#
157	64.5	71.2	106.8#





#69
1,3,5-Trichlorobenzene
Concen: 1.088 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54

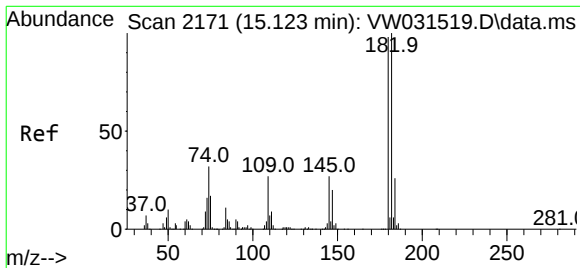
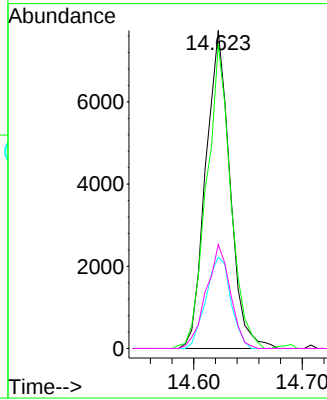
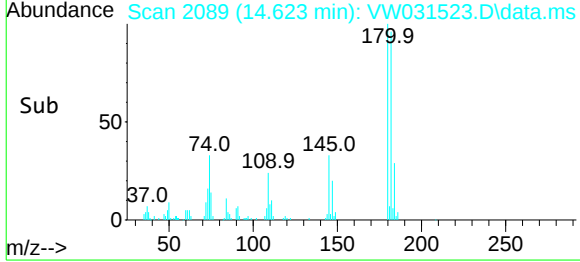
Instrument :
MSVOA_W
ClientSampleId :
MDL3



Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.0	112.4
184	29.4	24.6	36.8
145	32.5	25.7	38.5

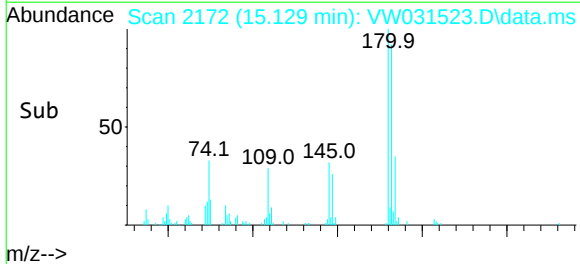
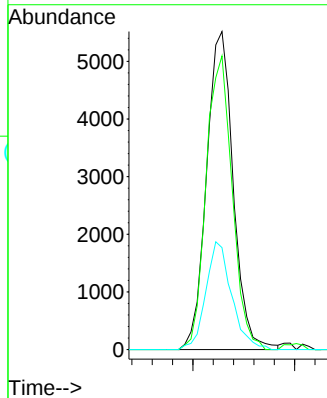
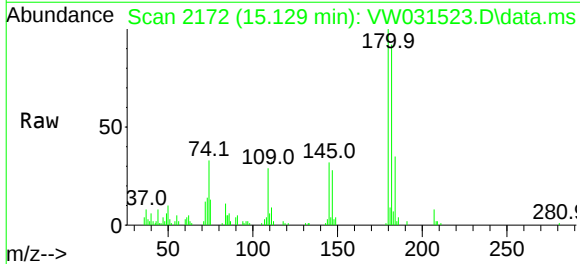
Manual Integrations
APPROVED

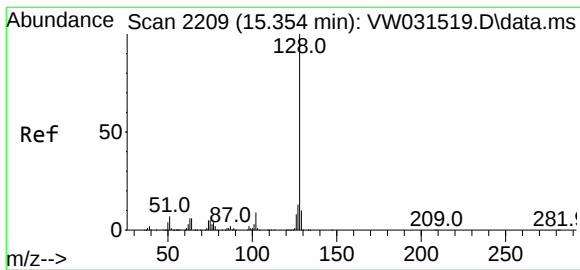
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#70
1,2,4-trichlorobenzene
Concen: 1.096 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54

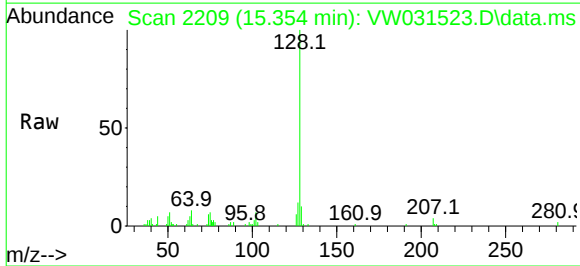
Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.2	78.2	117.2
145	32.7	26.7	40.1





#71
Naphthalene
Concen: 0.997 ug/L
RT: 15.354 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54

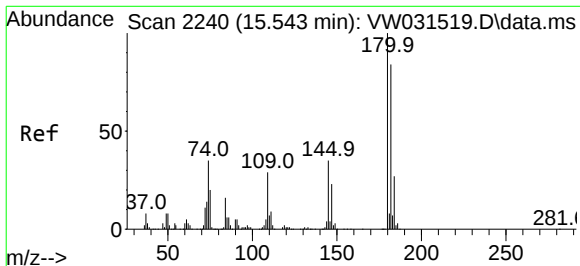
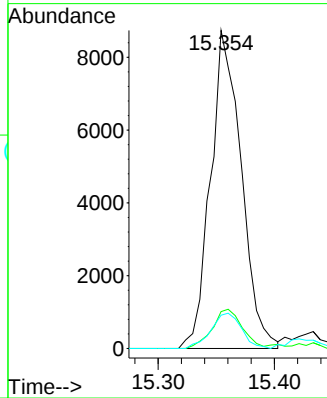
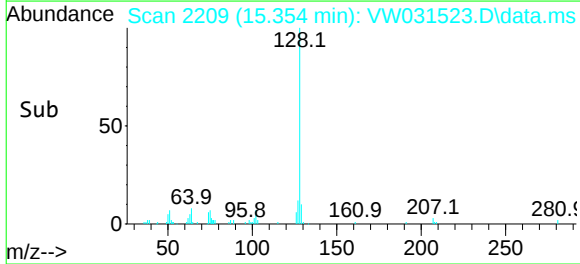
Instrument :
MSVOA_W
ClientSampleId :
MDL3



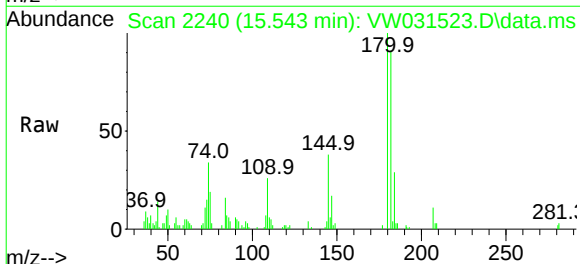
Tgt Ion:128 Resp: 16068
Ion Ratio Lower Upper
128 100
127 12.1 10.7 16.1
129 11.0 8.6 13.0

Manual Integrations
APPROVED

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



#72
1,2,3-Trichlorobenzene
Concen: 1.154 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VW031523.D
Acq: 26 Dec 2024 12:54



Tgt Ion:180 Resp: 8548
Ion Ratio Lower Upper
180 100
182 95.2 75.0 112.4
145 35.8 27.8 41.6

