

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121624\
 Data File : VW031300.D
 Acq On : 17 Dec 2024 03:49
 Operator : SY/MD
 Sample : P5258-05MS
 Misc : 5.67g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E28X0MS

Quant Time: Dec 17 06:23:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 17 02:36:53 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024

12/18/2024
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) 1,4-Difluorobenzene	8.819	114	1182072	25.000	ug/L	-0.02
28) Chlorobenzene-d5	11.623	117	855950	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	294761	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.345	65	285068	16.028	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.120%
7) Chloroethane-d5	2.838	69	47027	3.574	ug/L	-0.06
Spiked Amount	25.000	Range	30 - 150	Recovery	=	14.280%#
11) 1,1-Dichloroethene-d2	3.814	65	62008m	7.350	ug/L	-0.20
Spiked Amount	25.000	Range	45 - 110	Recovery	=	29.400%#
21) 2-Butanone-d5	7.167	46	108233m	32.313	ug/L	0.07
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.620%
24) Chloroform-d	7.618	84	525919	16.238	ug/L	-0.03
Spiked Amount	25.000	Range	40 - 150	Recovery	=	64.960%
26) 1,2-Dichloroethane-d4	8.289	65	284038	17.462	ug/L	-0.01
Spiked Amount	25.000	Range	70 - 130	Recovery	=	69.840%#
32) Benzene-d6	8.234	84	1093038	19.924	ug/L	-0.04
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.680%
36) 1,2-Dichloropropane-d6	9.258	67	334686	20.932	ug/L	-0.01
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.720%
41) Toluene-d8	10.313	98	924730	18.119	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.480%
43) trans-1,3-Dichloroprop...	10.575	79	118334	16.051	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.200%
47) 2-Hexanone-d5	10.941	63	70104	32.603	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.200%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	145899	14.533	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	58.120%
66) 1,2-Dichlorobenzene-d4	13.849	152	177447	16.216	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	64.880%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.997	85	159139	14.896	ug/L	99
3) Chloromethane	2.210	50	219576	18.296	ug/L	99
5) Vinyl chloride	2.351	62	221036	13.290	ug/L	98
6) Bromomethane	2.759	94	55301	5.408	ug/L	98
8) Chloroethane	2.869	64	26142	2.643	ug/L	89
9) Trichlorofluoromethane	3.131	101	27541	1.554	ug/L	87
10) 1,1,2-Trichloro-1,2,2-...	3.832	101	105387m	7.366	ug/L	
12) 1,1-Dichloroethene	3.856	96	119428m	8.241	ug/L	
14) Carbon disulfide	4.167	76	399963	8.463	ug/L	100
15) Methyl Acetate	4.673	43	391994m	73.988	ug/L	
16) Methylene chloride	4.801	84	166365m	11.186	ug/L	
17) trans-1,2-Dichloroethene	5.289	96	176960m	11.329	ug/L	
18) Methyl tert-butyl Ether	5.435	73	212036	8.120	ug/L #	69
19) 1,1-Dichloroethane	6.124	63	334908	11.474	ug/L	99
20) cis-1,2-Dichloroethene	7.118	96	201819	11.942	ug/L	99
22) 2-Butanone	7.264	43	111629m	19.750	ug/L	
23) Bromochloromethane	7.466	128	87741	13.018	ug/L	96
25) Chloroform	7.648	83	408218	14.170	ug/L	97
27) 1,2-Dichloroethane	8.380	62	248172	13.703	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121624\
 Data File : VW031300.D
 Acq On : 17 Dec 2024 03:49
 Operator : SY/MD
 Sample : P5258-05MS
 Misc : 5.67g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E28X0MS

Quant Time: Dec 17 06:23:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 17 02:36:53 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024

12/18/2024
 Supervised By :Semsettin
 Yesilyurt

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.892	56	253739	10.931	ug/L	98
30) 1,1,1-Trichloroethane	7.825	97	286177	12.935	ug/L	99
31) Carbon tetrachloride	8.020	117	263673	13.377	ug/L	100
33) Benzene	8.283	78	823874	15.575	ug/L	100
34) Trichloroethene	9.069	95	216407	14.491	ug/L	92
35) Methylcyclohexane	9.307	83	260655	10.023	ug/L	97
37) 1,2-Dichloropropane	9.355	63	201685	15.284	ug/L	100
38) Bromodichloromethane	9.636	83	244075	14.228	ug/L	96
39) cis-1,3-Dichloropropene	10.063	75	304200	13.642	ug/L	98
40) 4-Methyl-2-pentanone	10.227	43	178937	25.559	ug/L	96
42) Toluene	10.374	91	830305	14.418	ug/L	94
44) trans-1,3-Dichloropropene	10.599	75	237804	13.061	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	123061	14.021	ug/L	95
46) Tetrachloroethene	10.849	164	134014	12.251	ug/L	93
48) 2-Hexanone	10.983	43	120398	20.221	ug/L	99
49) Dibromochloromethane	11.123	129	130506	12.544	ug/L	91
50) 1,2-Dibromoethane	11.227	107	116421	14.002	ug/L	95
51) Chlorobenzene	11.648	112	466047	12.907	ug/L	98
52) Ethylbenzene	11.721	91	800436	11.992	ug/L	98
53) m,p-Xylene	11.831	106	315841	12.430	ug/L	100
54) o-Xylene	12.160	106	300604	12.553	ug/L	100
55) Styrene	12.172	104	470331	11.808	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.715	83	108650	11.483	ug/L	94
59) Bromoform	12.349	173	59638	14.402	ug/L	99
60) Isopropylbenzene	12.459	105	727038	15.072	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	89419	17.728	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	575817	14.080	ug/L	95
63) 1,2,4-Trimethylbenzene	13.245	105	556489	14.079	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	253511	12.972	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	249552	12.888	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	209749	12.456	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.477	75	16382	12.799	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	132646	9.691	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	96718	8.495	ug/L	97
71) Naphthalene	15.354	128	201309	10.085	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	77186	8.414	ug/L	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121624\
Data File : VW031300.D
Acq On : 17 Dec 2024 03:49
Operator : SY/MD
Sample : P5258-05MS
Misc : 5.67g/10mL/MSVOA_W/SOIL/A
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28X0MS

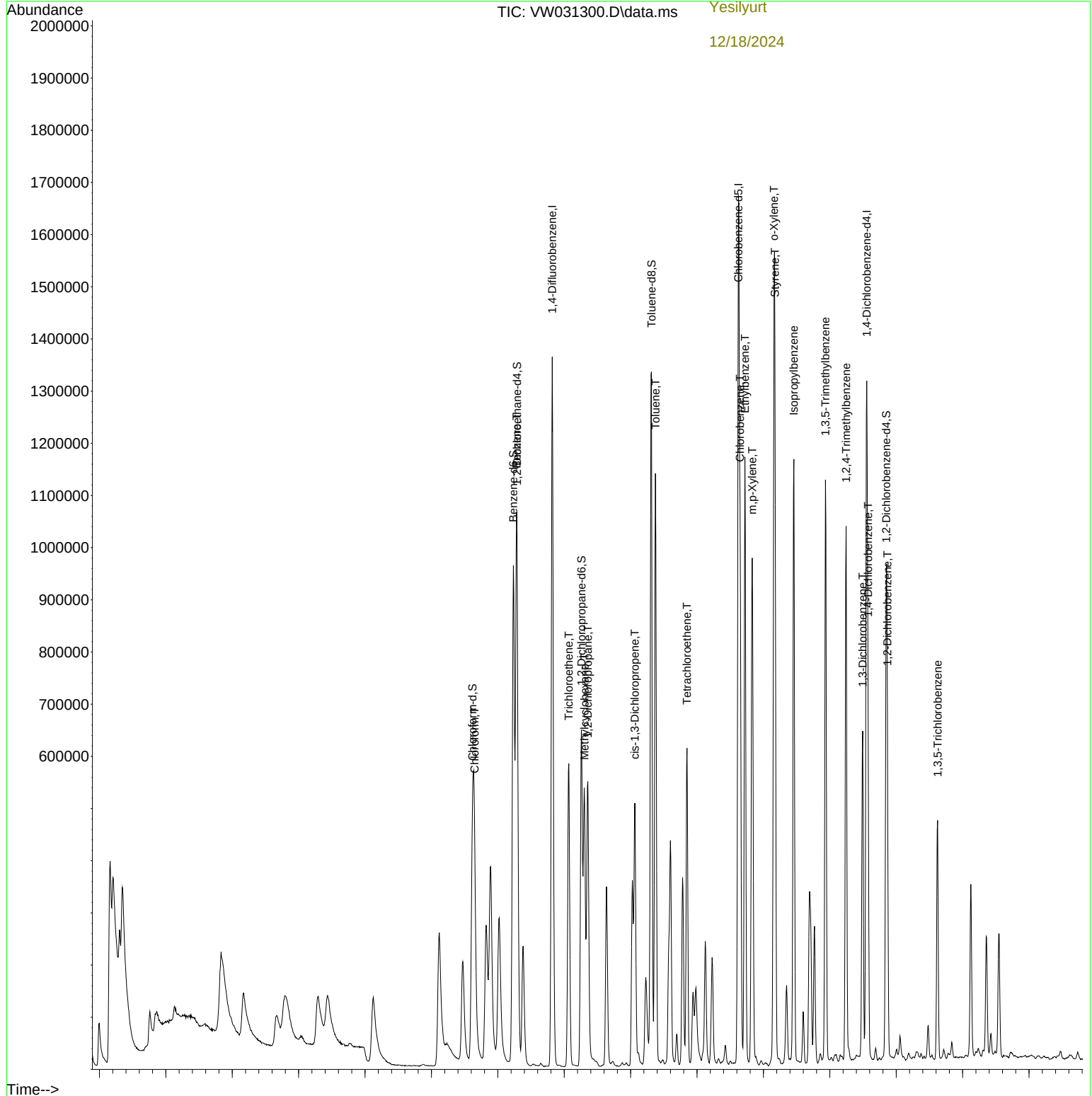
Quant Time: Dec 17 06:23:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Dec 17 02:36:53 2024
Response via : Initial Calibration

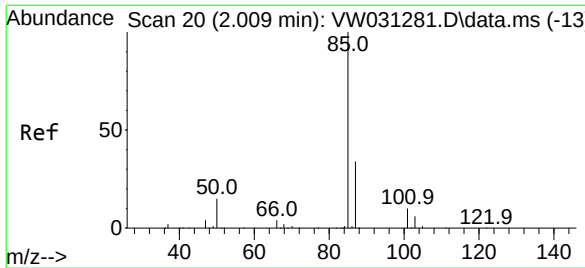
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

12/18/2024
Supervised By :Semsettin
Yesilyurt

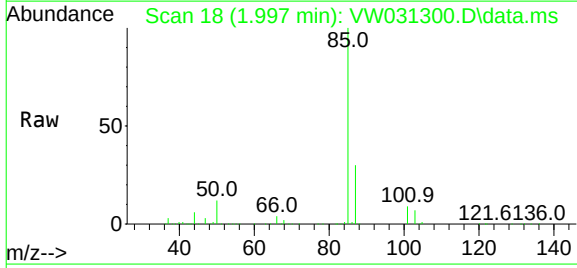
12/18/2024





#2
Dichlorodifluoromethane
Concen: 14.896 ug/L
RT: 1.997 min Scan# 18
Delta R.T. -0.012 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

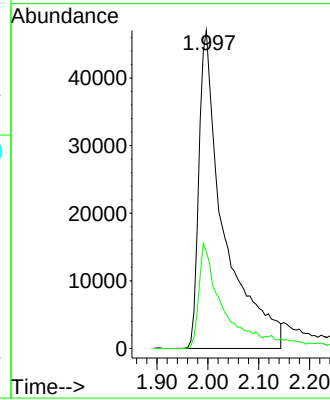
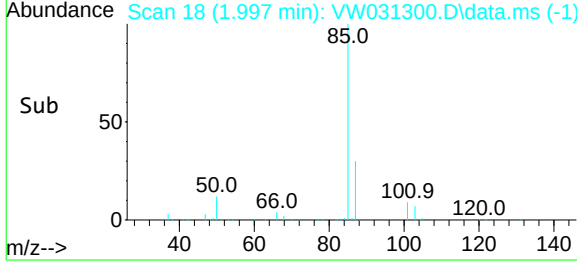
Instrument :
MSVOA_W
ClientSampleId :
E28X0MS



Tgt Ion: 85 Resp: 159139
Ion Ratio Lower Upper
85 100
87 30.3 24.9 37.3

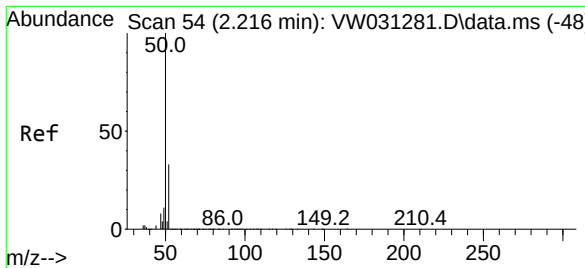
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

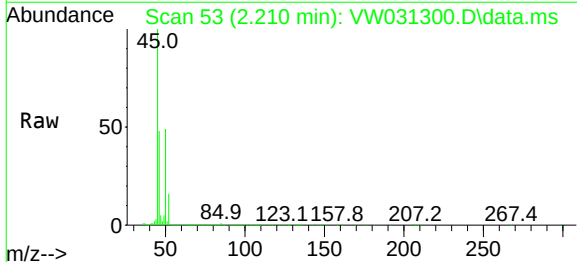


12/18/2024
Supervised By :Semsettin
Yesilyurt

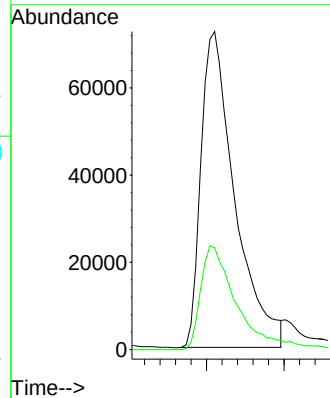
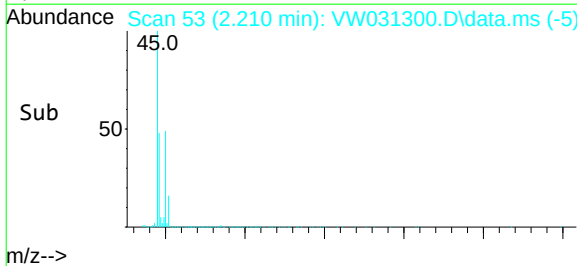
12/18/2024

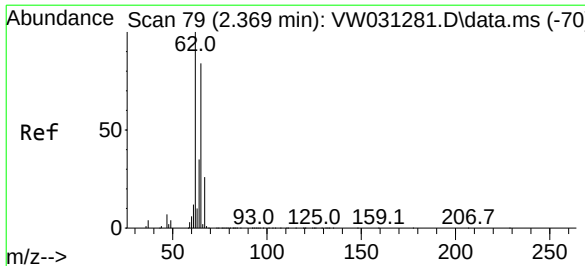


#3
Chloromethane
Concen: 18.296 ug/L
RT: 2.210 min Scan# 53
Delta R.T. -0.006 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49



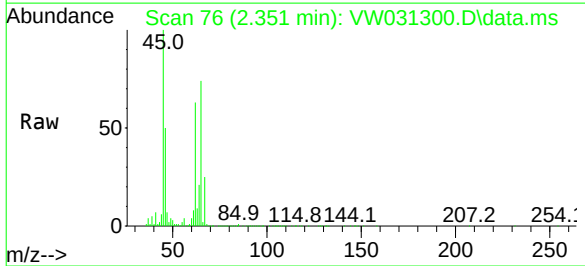
Tgt Ion: 50 Resp: 219576
Ion Ratio Lower Upper
50 100
52 32.0 22.0 41.0





#5
 Vinyl chloride
 Concen: 13.290 ug/L
 RT: 2.351 min Scan# 76
 Delta R.T. -0.018 min
 Lab File: VW031300.D
 Acq: 17 Dec 2024 03:49

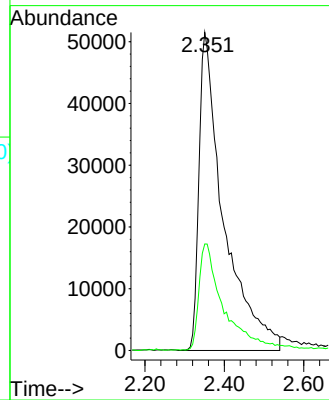
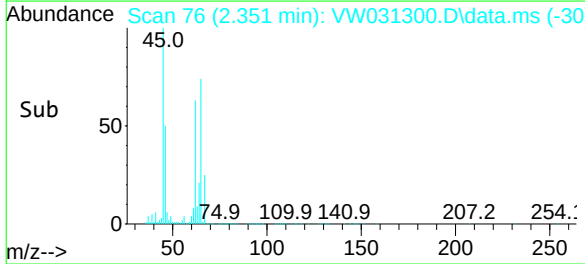
Instrument :
 MSVOA_W
 ClientSampleId :
 E28X0MS



Tgt Ion: 62 Resp: 221036
 Ion Ratio Lower Upper
 62 100
 64 33.5 24.1 44.8

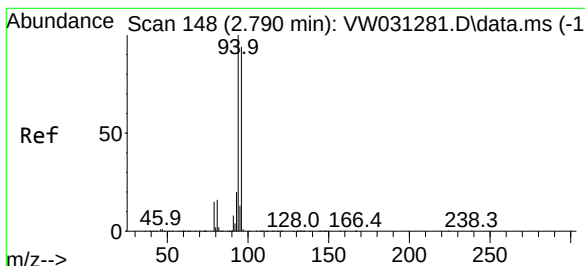
Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024



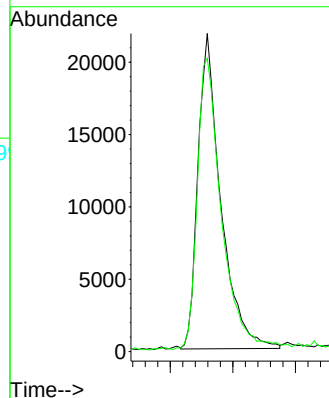
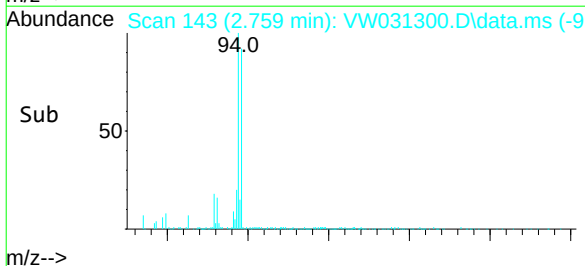
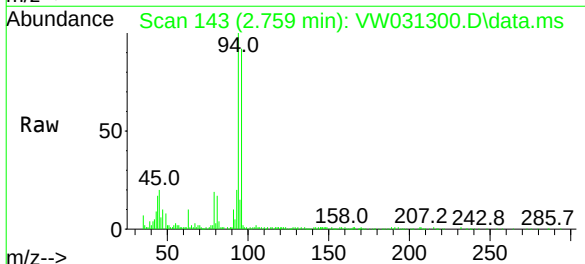
12/18/2024
 Supervised By :Semsettin
 Yesilyurt

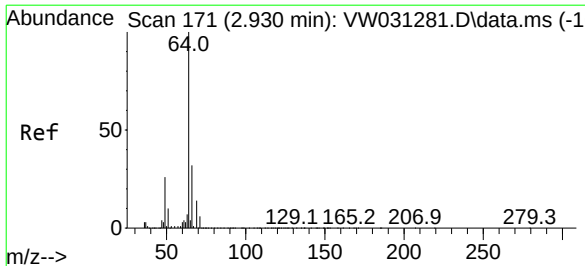
12/18/2024



#6
 Bromomethane
 Concen: 5.408 ug/L
 RT: 2.759 min Scan# 143
 Delta R.T. -0.030 min
 Lab File: VW031300.D
 Acq: 17 Dec 2024 03:49

Tgt Ion: 94 Resp: 55301
 Ion Ratio Lower Upper
 94 100
 96 92.2 65.6 121.8





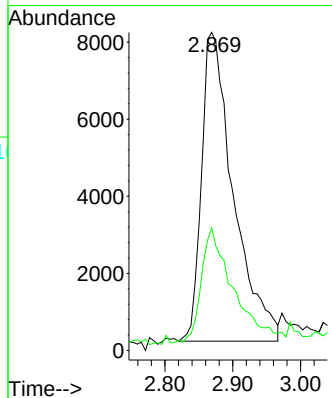
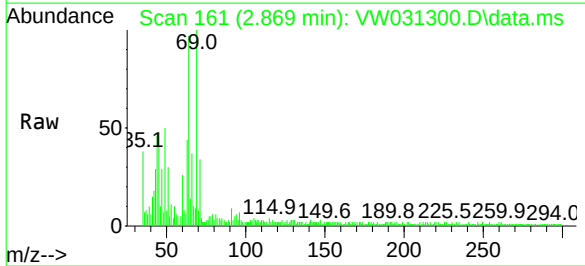
#8
Chloroethane
Concen: 2.643 ug/L
RT: 2.869 min Scan# 16
Delta R.T. -0.061 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Instrument :
MSVOA_W
ClientSampleId :
E28X0MS

Tgt Ion	Ratio	Lower	Upper
64	100		
66	38.5	22.7	42.3

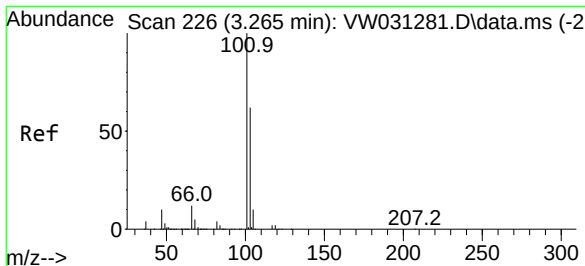
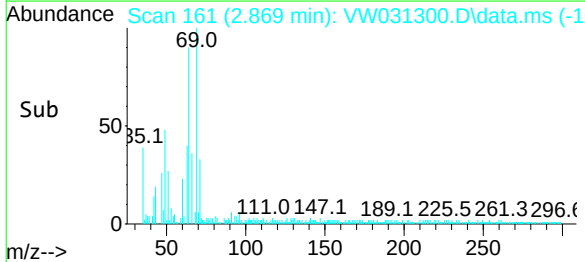
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



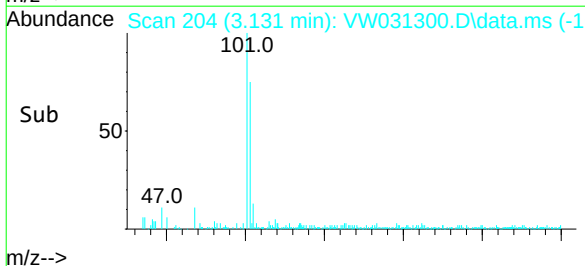
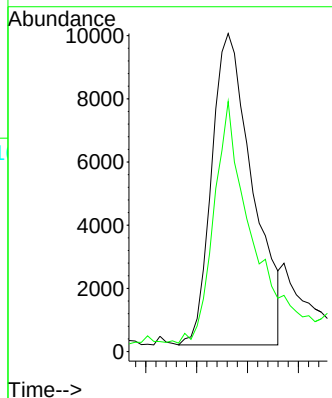
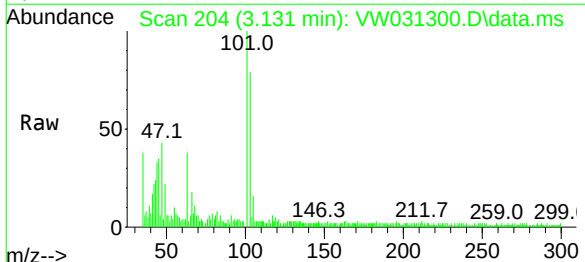
12/18/2024
Supervised By :Semsettin
Yesilyurt

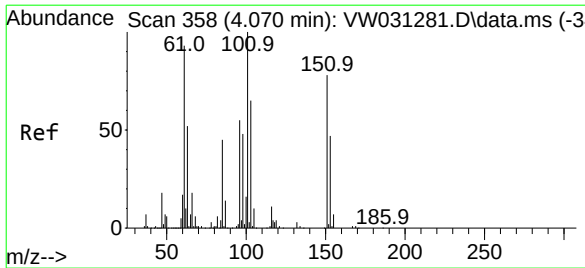
12/18/2024



#9
Trichlorofluoromethane
Concen: 1.554 ug/L
RT: 3.131 min Scan# 204
Delta R.T. -0.134 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Tgt Ion	Ratio	Lower	Upper
101	100		
103	74.5	51.6	77.4





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 7.366 ug/L m
RT: 3.832 min Scan# 31
Delta R.T. -0.238 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Instrument :
MSVOA_W
ClientSampleId :
E28X0MS

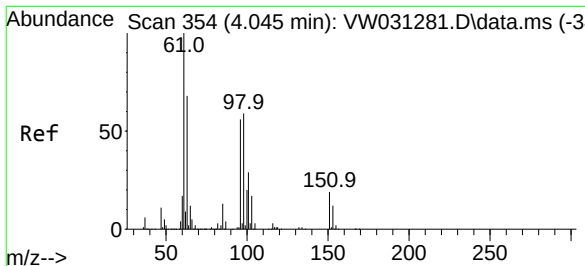
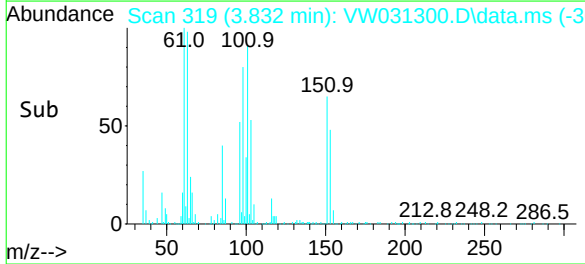
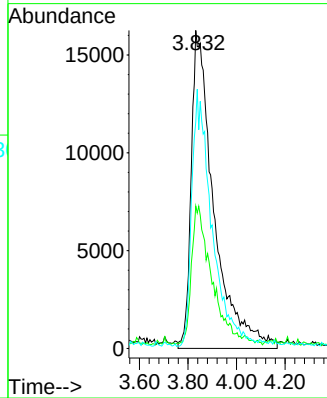
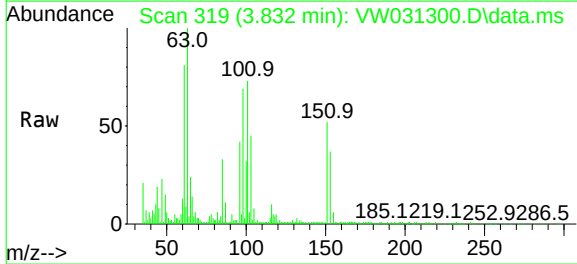
Tgt Ion: 101 Resp: 105387
Ion Ratio Lower Upper
101 100
85 0.1 33.0 49.4#
151 0.0 54.8 82.2#

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

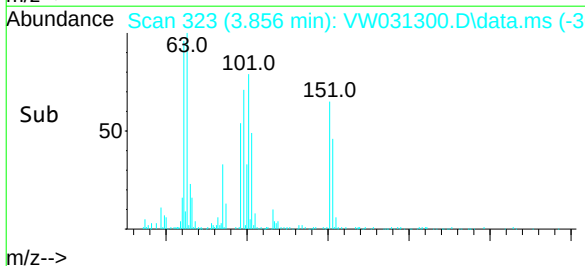
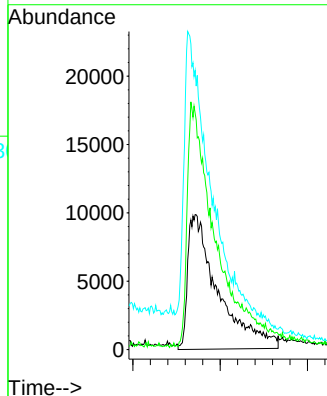
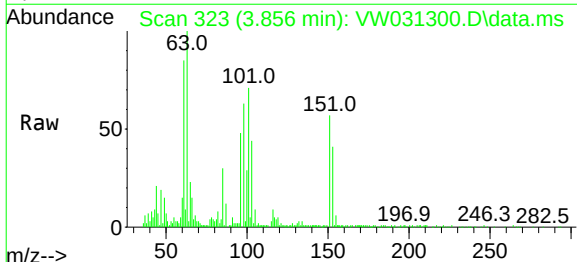
12/18/2024
Supervised By :Semsettin
Yesilyurt

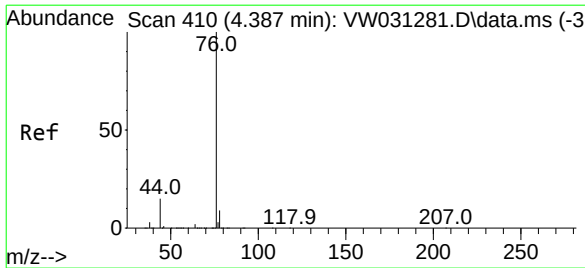
12/18/2024



#12
1,1-Dichloroethene
Concen: 8.241 ug/L m
RT: 3.856 min Scan# 323
Delta R.T. -0.189 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Tgt Ion: 96 Resp: 119428
Ion Ratio Lower Upper
96 100
61 175.1 125.3 232.7
63 206.8 104.6 194.2#





#14

Carbon disulfide

Concen: 8.463 ug/L

RT: 4.167 min Scan# 37

Delta R.T. -0.219 min

Lab File: VW031300.D

Acq: 17 Dec 2024 03:49

Tgt Ion: 76 Resp: 399963

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

Instrument :

MSVOA_W

ClientSampleId :

E28X0MS

Manual Integrations

APPROVED

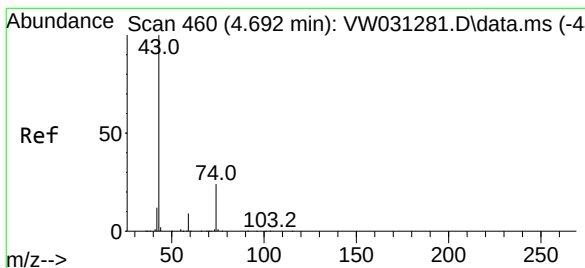
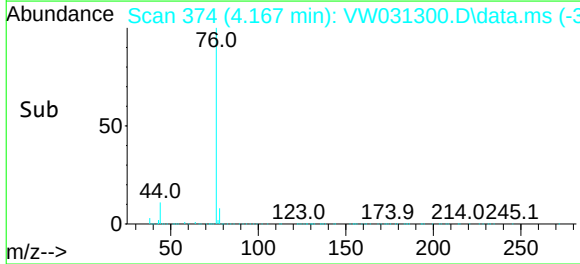
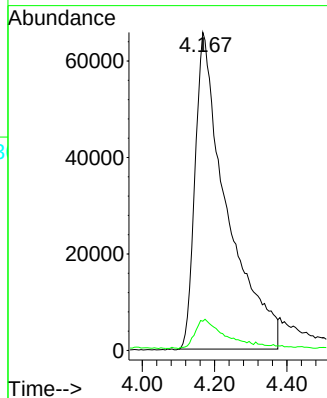
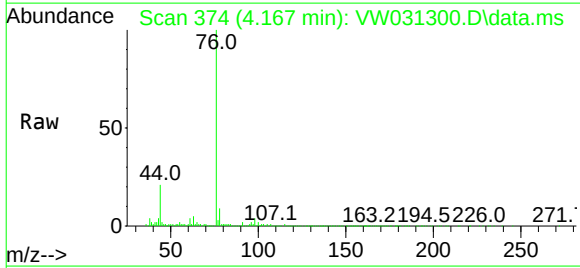
Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024

12/18/2024

Supervised By :Semsettin
Yesilyurt

12/18/2024



#15

Methyl Acetate

Concen: 73.988 ug/L m

RT: 4.673 min Scan# 457

Delta R.T. -0.018 min

Lab File: VW031300.D

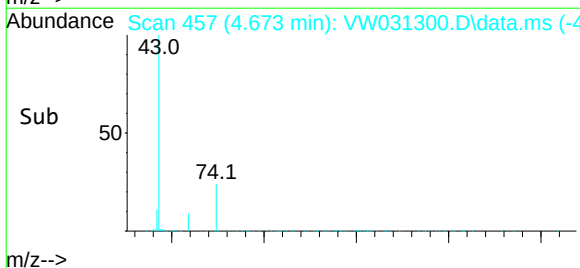
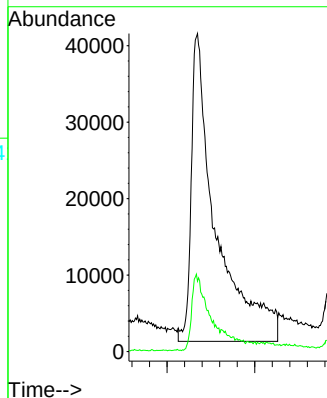
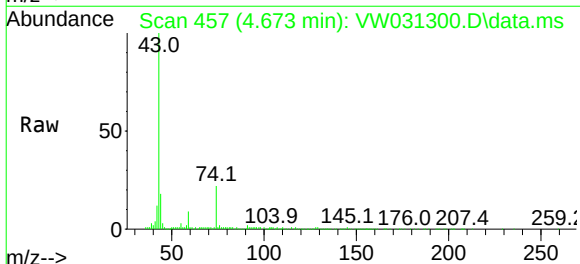
Acq: 17 Dec 2024 03:49

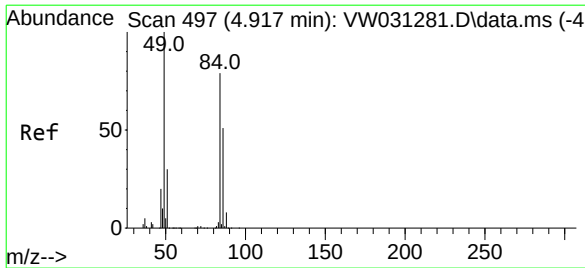
Tgt Ion: 43 Resp: 391994

Ion Ratio Lower Upper

43 100

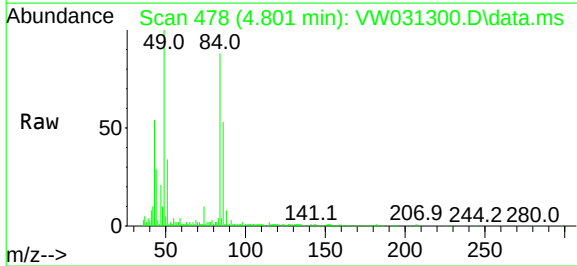
74 0.0 18.9 28.3#





#16
Methylene chloride
Concen: 11.186 ug/L m
RT: 4.801 min Scan# 47
Delta R.T. -0.116 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Instrument :
MSVOA_W
ClientSampleId :
E28X0MS



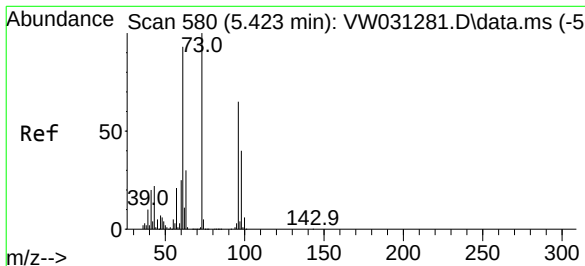
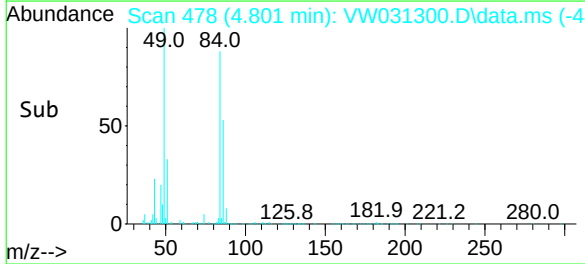
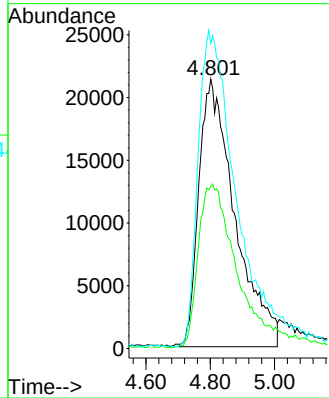
Tgt Ion: 84 Resp: 166365
Ion Ratio Lower Upper
84 100
86 60.1 44.7 82.9
49 113.3 88.3 164.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

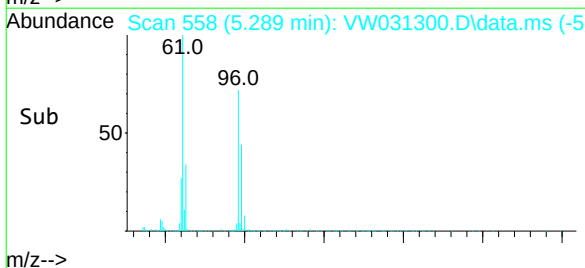
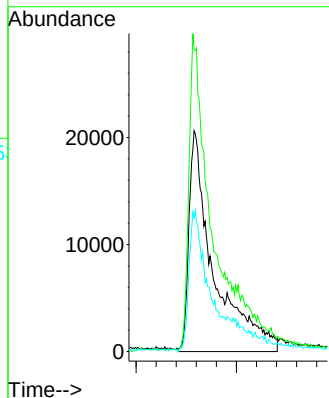
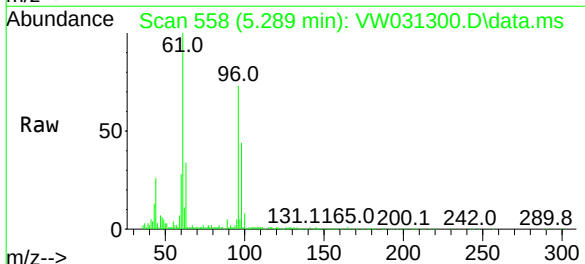
12/18/2024
Supervised By :Semsettin
Yesilyurt

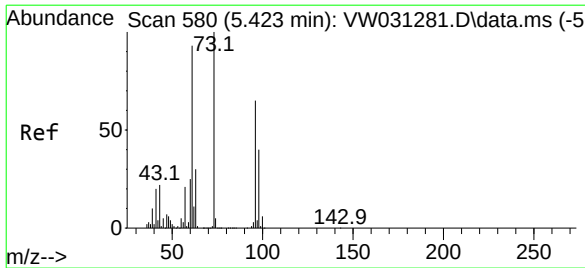
12/18/2024



#17
trans-1,2-Dichloroethene
Concen: 11.329 ug/L m
RT: 5.289 min Scan# 558
Delta R.T. -0.134 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

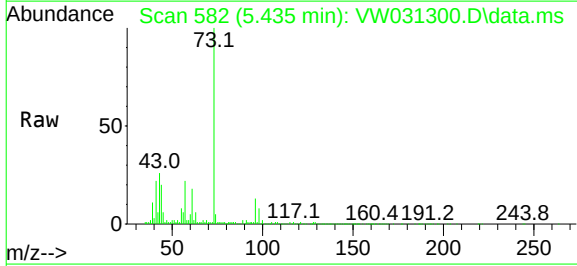
Tgt Ion: 96 Resp: 176960
Ion Ratio Lower Upper
96 100
61 137.0 100.7 187.1
98 60.5 43.8 81.3





#18
Methyl tert-butyl Ether
Concen: 8.120 ug/L
RT: 5.435 min Scan# 580
Delta R.T. 0.012 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Instrument :
MSVOA_W
Client SampleId :
E28X0MS



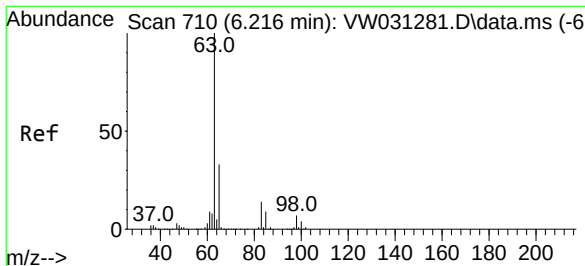
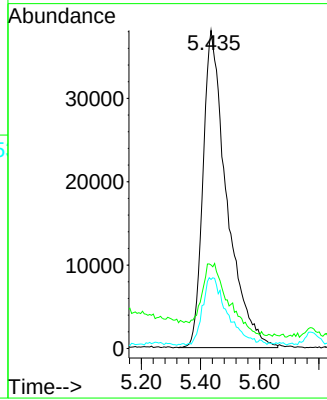
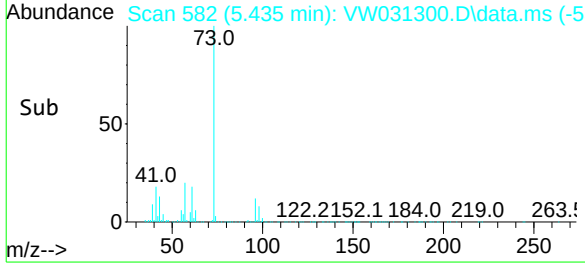
Tgt Ion: 73 Resp: 212036
Ion Ratio Lower Upper
73 100
43 7.6 17.9 26.9#
57 7.9 17.9 26.9#

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

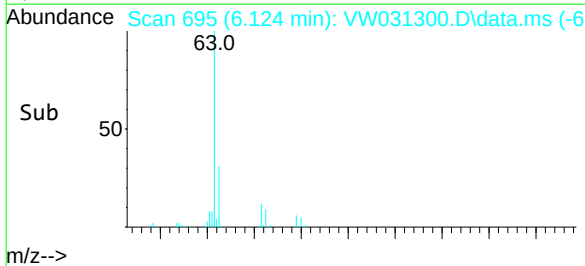
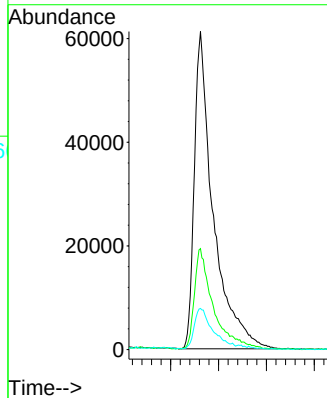
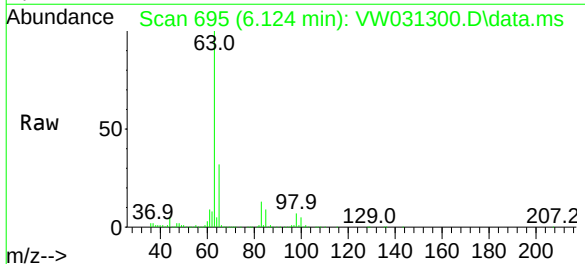
12/18/2024
Supervised By :Semsettin
Yesilyurt

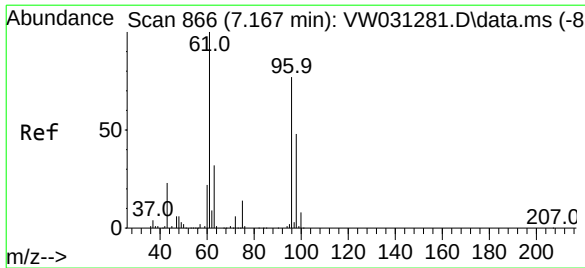
12/18/2024



#19
1,1-Dichloroethane
Concen: 11.474 ug/L
RT: 6.124 min Scan# 695
Delta R.T. -0.091 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

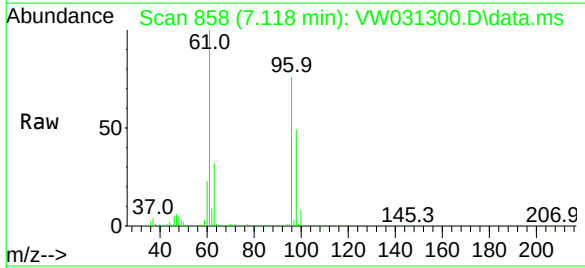
Tgt Ion: 63 Resp: 334908
Ion Ratio Lower Upper
63 100
65 31.7 21.9 40.7
83 12.9 9.3 17.3





#20
cis-1,2-Dichloroethene
Concen: 11.942 ug/L
RT: 7.118 min Scan# 85
Delta R.T. -0.049 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Instrument :
MSVOA_W
ClientSampleId :
E28X0MS



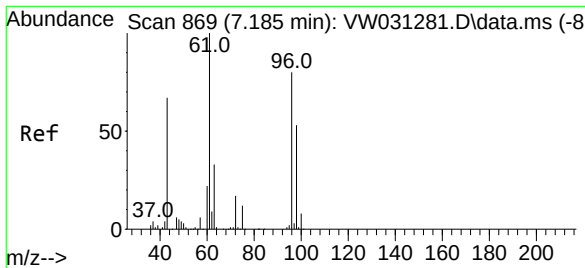
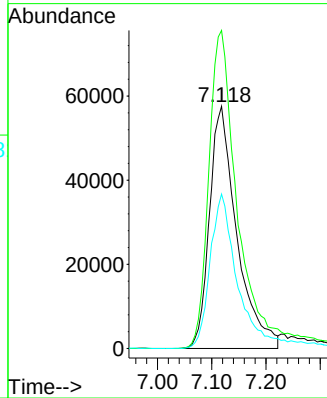
Tgt Ion: 96 Resp: 201819
Ion Ratio Lower Upper
96 100
61 131.3 92.2 171.2
98 63.7 43.7 81.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

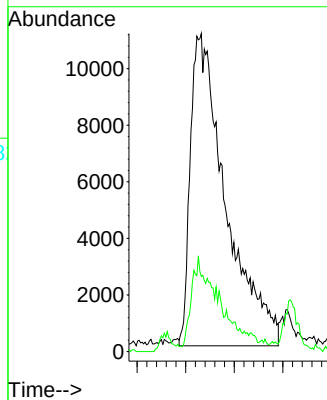
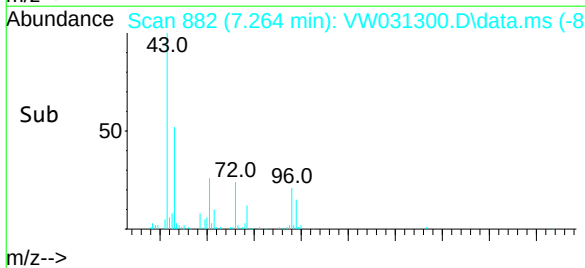
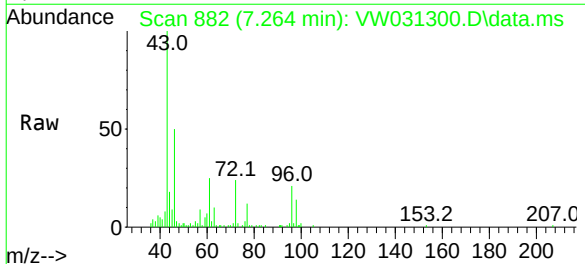
12/18/2024
Supervised By :Semsettin
Yesilyurt

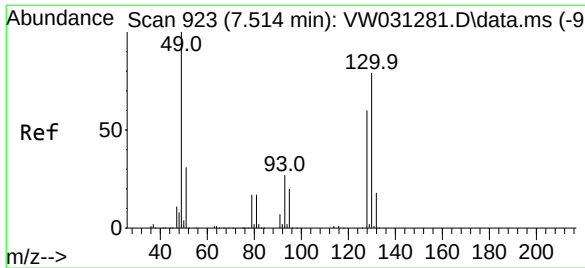
12/18/2024



#22
2-Butanone
Concen: 19.750 ug/L m
RT: 7.264 min Scan# 882
Delta R.T. 0.079 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

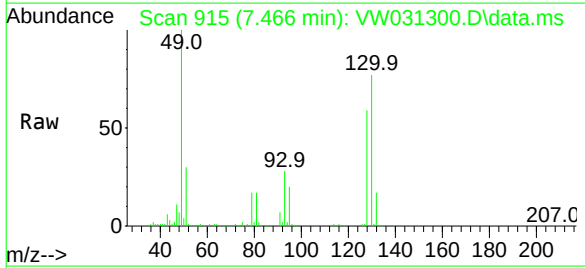
Tgt Ion: 43 Resp: 111629
Ion Ratio Lower Upper
43 100
72 0.0 13.3 39.8#





#23
Bromochloromethane
Concen: 13.018 ug/L
RT: 7.466 min Scan# 911
Delta R.T. -0.049 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Instrument :
MSVOA_W
ClientSampleId :
E28X0MS



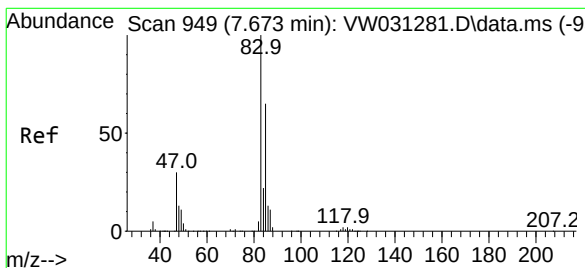
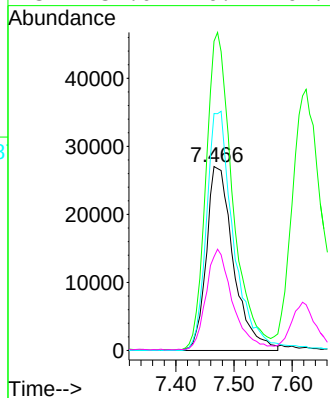
Tgt Ion: 128 Resp: 87741
Ion Ratio Lower Upper
128 100
49 168.2 123.7 229.7
130 128.8 90.3 167.7
51 51.0 46.1 69.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

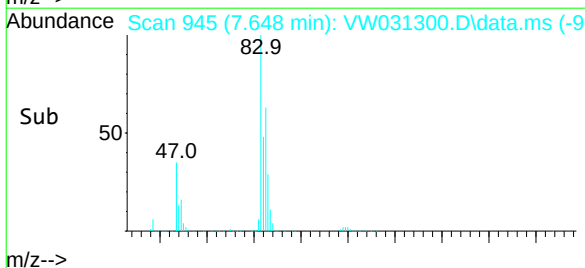
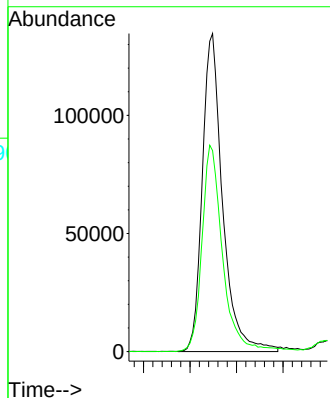
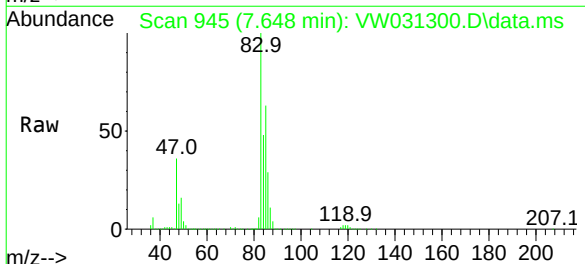
12/18/2024
Supervised By :Semsettin
Yesilyurt

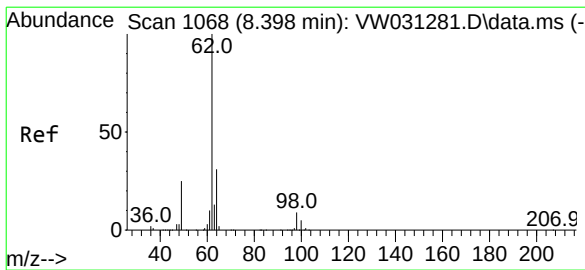
12/18/2024



#25
Chloroform
Concen: 14.170 ug/L
RT: 7.648 min Scan# 945
Delta R.T. -0.024 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

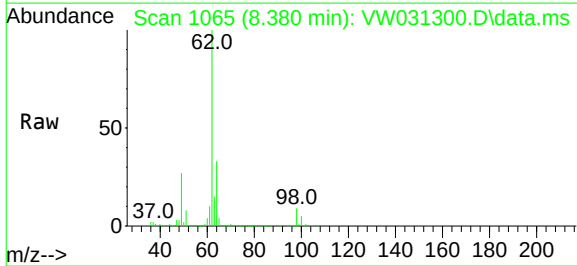
Tgt Ion: 83 Resp: 408218
Ion Ratio Lower Upper
83 100
85 63.2 46.1 85.5





#27
1,2-Dichloroethane
Concen: 13.703 ug/L
RT: 8.380 min Scan# 1068
Delta R.T. -0.018 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Instrument :
MSVOA_W
ClientSampleId :
E28X0MS



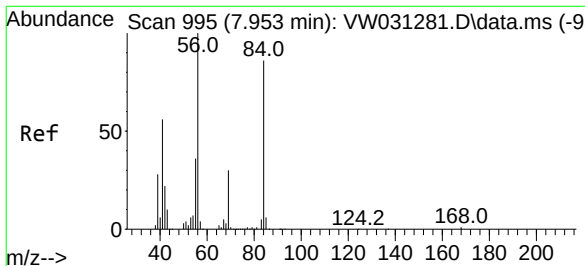
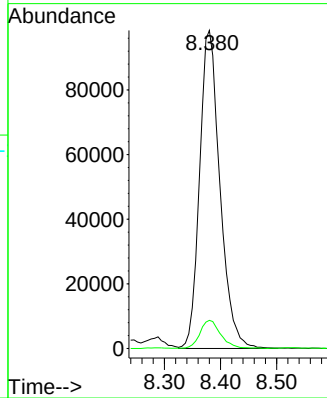
Tgt Ion: 62 Resp: 248172
Ion Ratio Lower Upper
62 100
98 8.8 7.2 10.8

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

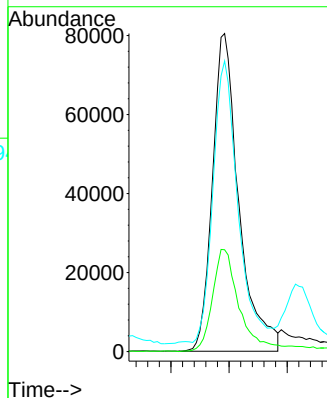
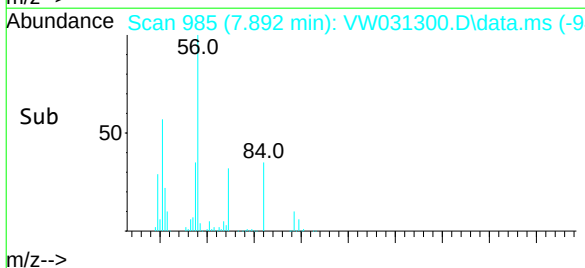
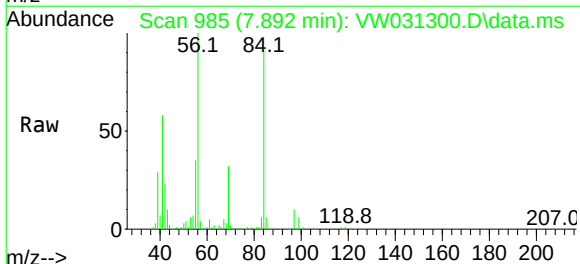
12/18/2024
Supervised By :Semsettin
Yesilyurt

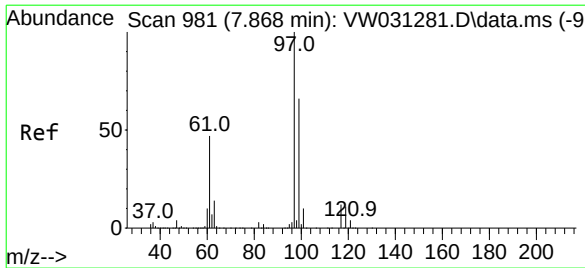
12/18/2024



#29
Cyclohexane
Concen: 10.931 ug/L
RT: 7.892 min Scan# 985
Delta R.T. -0.061 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Tgt Ion: 56 Resp: 253739
Ion Ratio Lower Upper
56 100
69 32.7 25.0 37.4
84 83.9 68.9 103.3





#30
1,1,1-Trichloroethane
Concen: 12.935 ug/L
RT: 7.825 min Scan# 97
Delta R.T. -0.043 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Instrument :
MSVOA_W
ClientSampleId :
E28X0MS

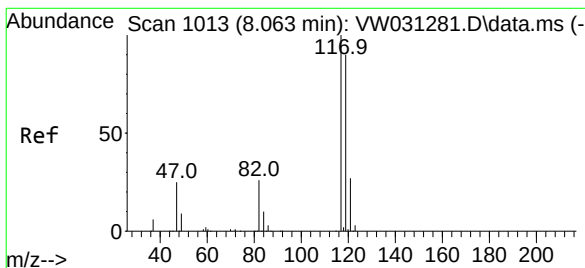
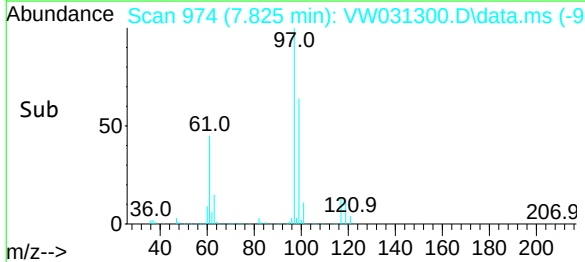
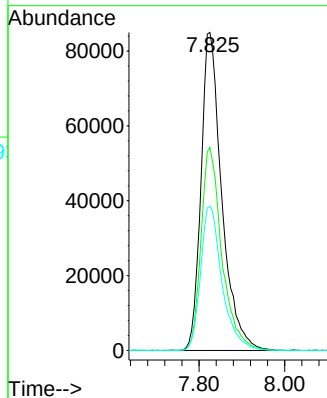
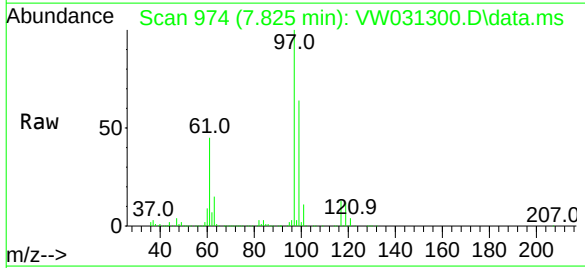
Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.1	76.7
61	46.8	36.3	54.5

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

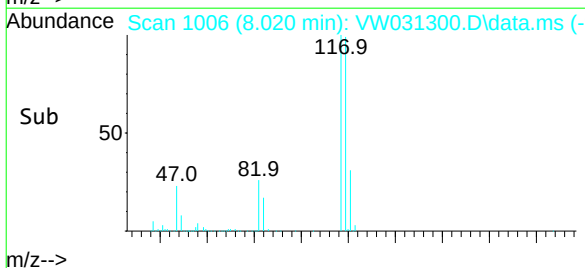
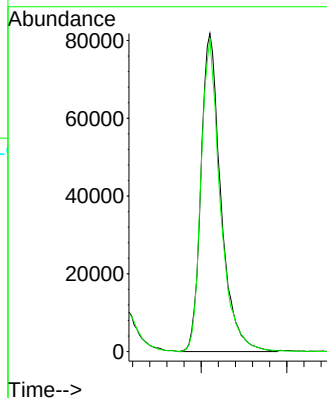
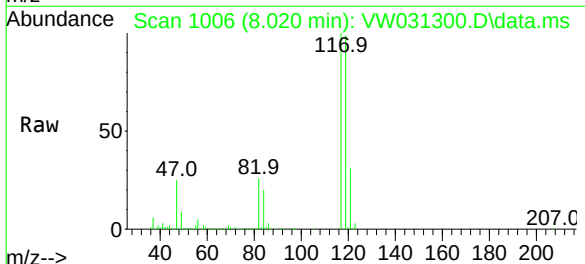
12/18/2024
Supervised By :Semsettin
Yesilyurt

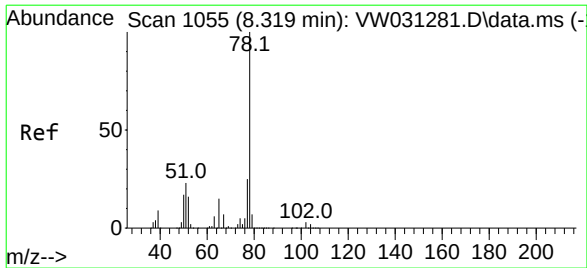
12/18/2024



#31
Carbon tetrachloride
Concen: 13.377 ug/L
RT: 8.020 min Scan# 1006
Delta R.T. -0.043 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.0	114.0





#33

Benzene

Concen: 15.575 ug/L

RT: 8.283 min Scan# 10

Delta R.T. -0.037 min

Lab File: VW031300.D

Acq: 17 Dec 2024 03:49

Tgt Ion: 78 Resp: 823874

Instrument :

MSVOA_W

ClientSampleId :

E28X0MS

Manual Integrations

APPROVED

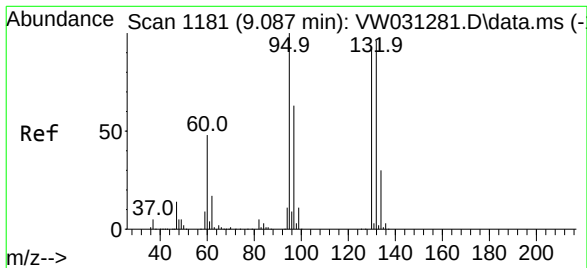
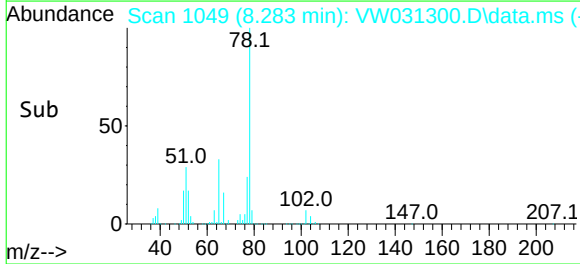
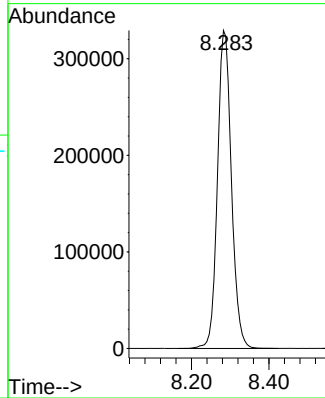
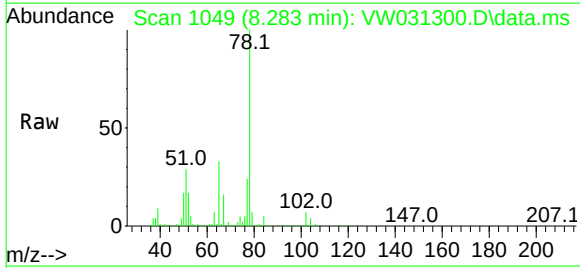
Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024

12/18/2024

Supervised By :Semsettin
Yesilyurt

12/18/2024



#34

Trichloroethene

Concen: 14.491 ug/L

RT: 9.069 min Scan# 1178

Delta R.T. -0.018 min

Lab File: VW031300.D

Acq: 17 Dec 2024 03:49

Tgt Ion: 95 Resp: 216407

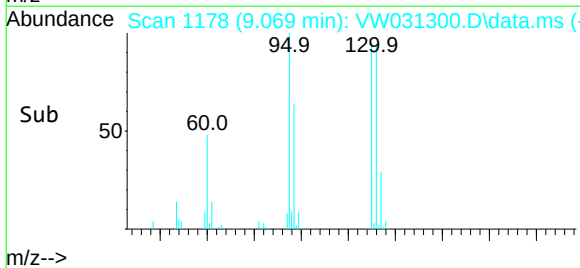
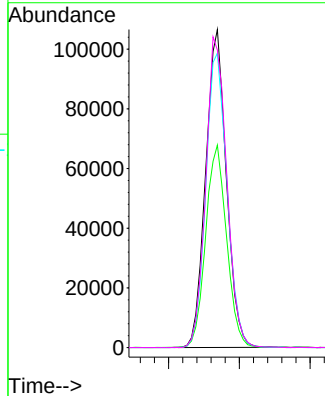
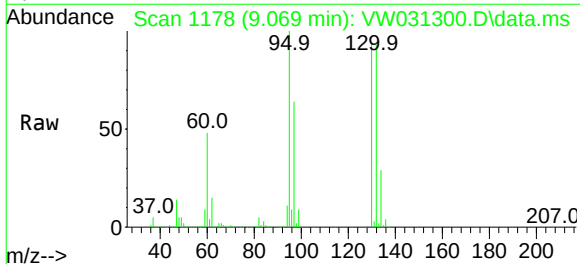
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

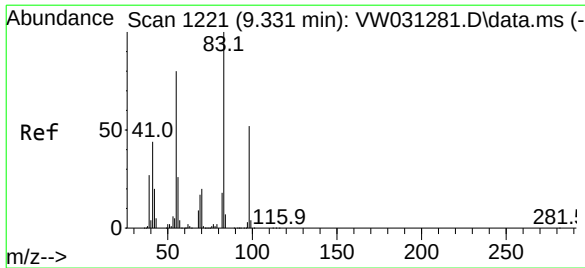
95	100		
----	-----	--	--

97	63.7	46.5	86.3
----	------	------	------

132	92.6	70.3	130.5
-----	------	------	-------

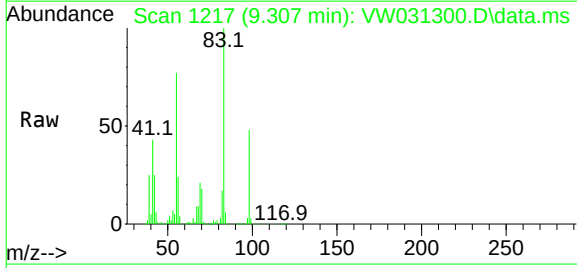
130	93.6	73.6	136.8
-----	------	------	-------





#35
Methylcyclohexane
Concen: 10.023 ug/L
RT: 9.307 min Scan# 1217
Delta R.T. -0.024 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Instrument :
MSVOA_W
ClientSampleId :
E28X0MS



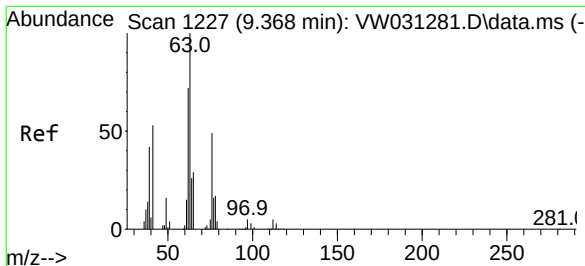
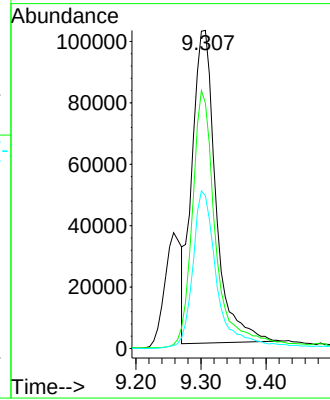
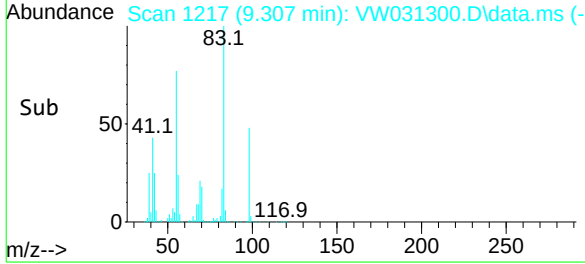
Tgt Ion: 83 Resp: 260655
Ion Ratio Lower Upper
83 100
55 80.8 62.6 93.8
98 51.2 39.8 59.6

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

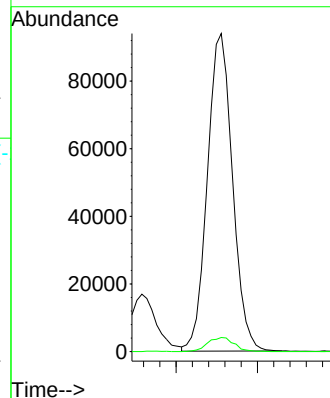
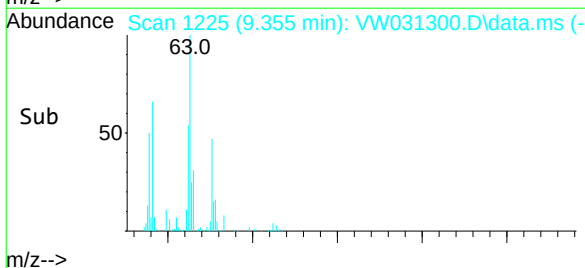
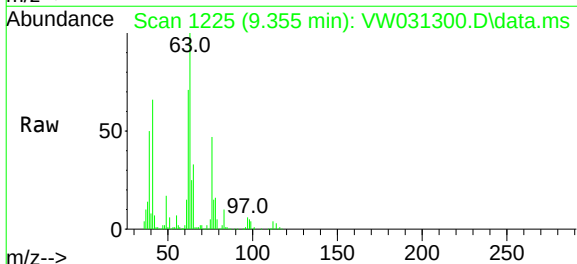
12/18/2024
Supervised By :Semsettin
Yesilyurt

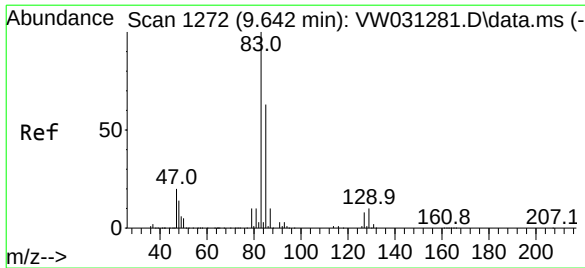
12/18/2024



#37
1,2-Dichloropropane
Concen: 15.284 ug/L
RT: 9.355 min Scan# 1225
Delta R.T. -0.012 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Tgt Ion: 63 Resp: 201685
Ion Ratio Lower Upper
63 100
112 4.7 3.8 5.8





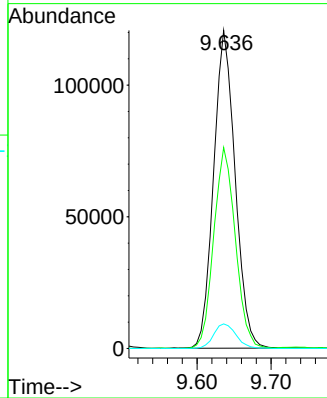
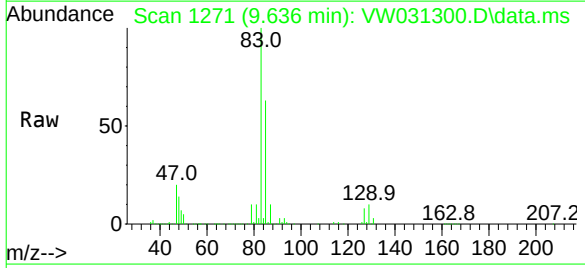
#38
Bromodichloromethane
Concen: 14.228 ug/L
RT: 9.636 min Scan# 1272
Delta R.T. -0.006 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Instrument :
MSVOA_W
ClientSampleId :
E28X0MS

Tgt Ion: 83 Resp: 244075
Ion Ratio Lower Upper
83 100
85 63.2 46.5 86.5
127 7.7 6.2 9.4

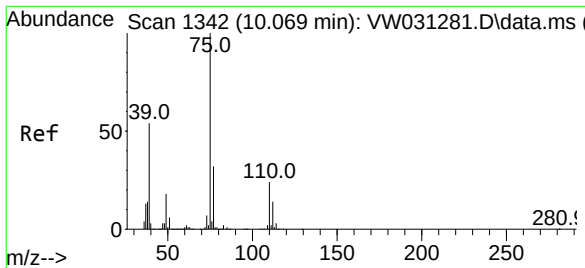
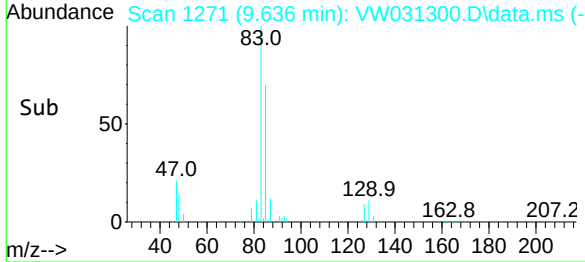
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



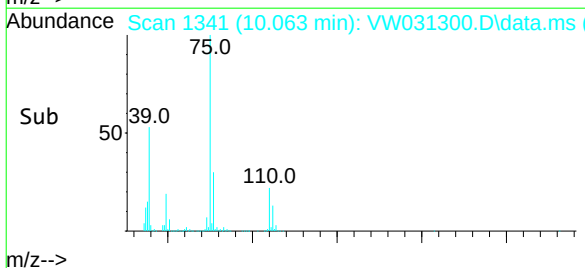
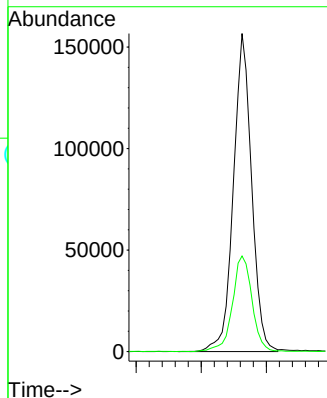
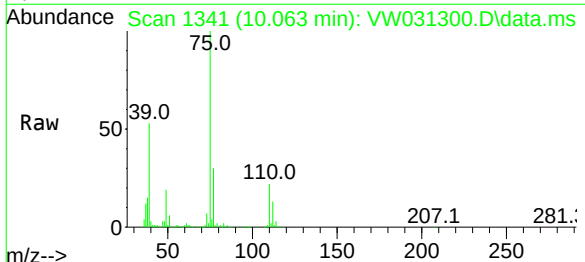
12/18/2024
Supervised By :Semsettin
Yesilyurt

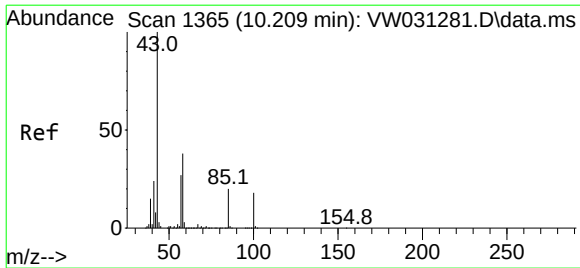
12/18/2024



#39
cis-1,3-Dichloropropene
Concen: 13.642 ug/L
RT: 10.063 min Scan# 1341
Delta R.T. -0.006 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Tgt Ion: 75 Resp: 304200
Ion Ratio Lower Upper
75 100
77 30.1 21.8 40.4





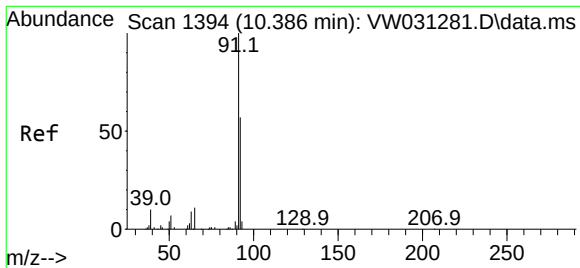
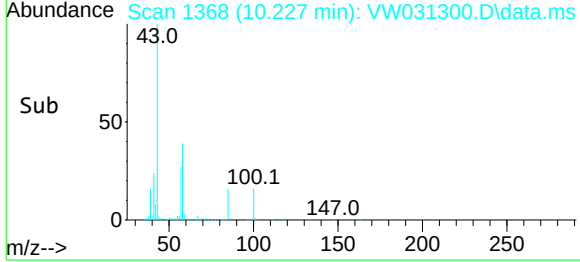
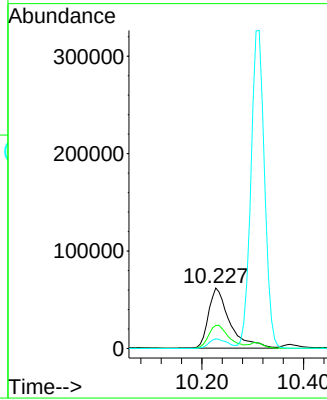
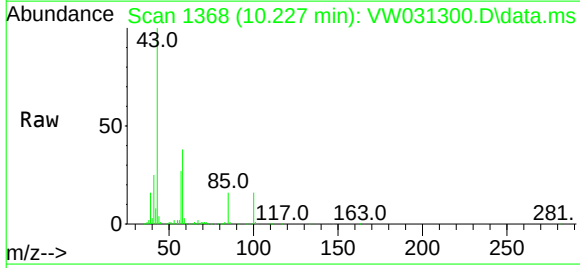
#40
4-Methyl-2-pentanone
Concen: 25.559 ug/L
RT: 10.227 min Scan# 1365
Delta R.T. 0.018 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Instrument :
MSVOA_W
ClientSampleId :
E28X0MS

Tgt Ion: 43 Resp: 178937
Ion Ratio Lower Upper
43 100
58 36.8 31.1 46.7
100 14.0 13.0 19.6

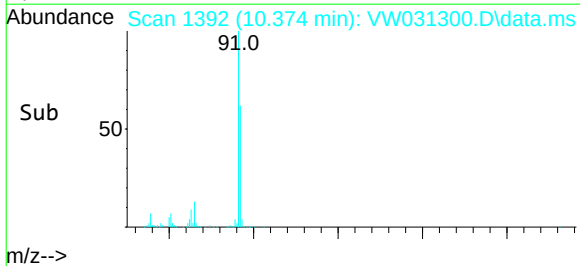
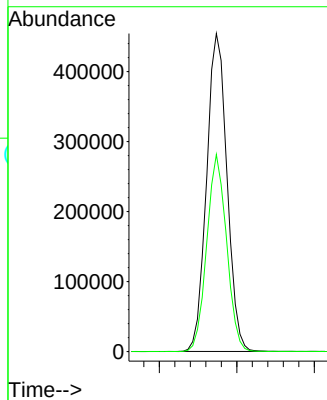
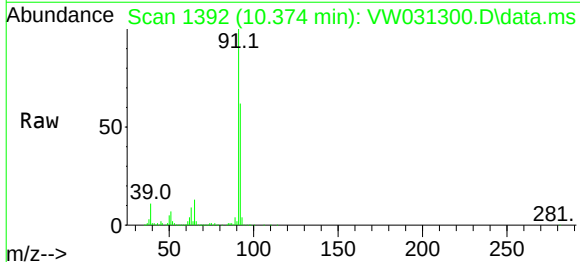
Manual Integrations
APPROVED

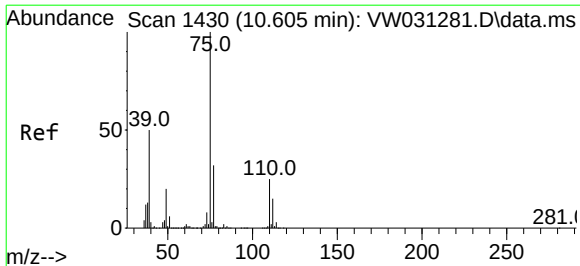
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#42
Toluene
Concen: 14.418 ug/L
RT: 10.374 min Scan# 1392
Delta R.T. -0.012 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

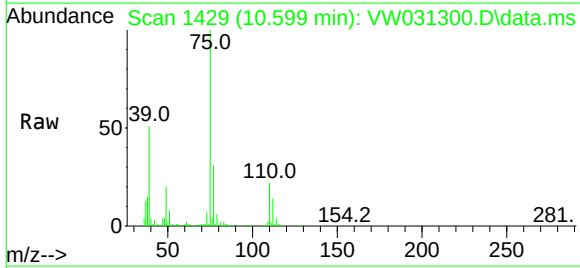
Tgt Ion: 91 Resp: 830305
Ion Ratio Lower Upper
91 100
92 62.0 40.3 74.9





#44
trans-1,3-Dichloropropene
Concen: 13.061 ug/L
RT: 10.599 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

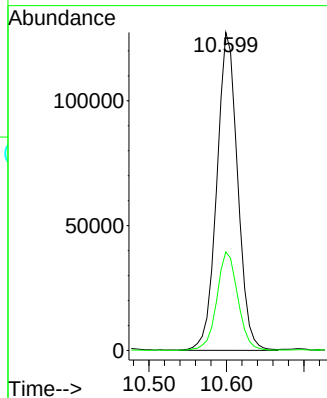
Instrument :
MSVOA_W
ClientSampleId :
E28X0MS



Tgt Ion: 75 Resp: 237804
Ion Ratio Lower Upper
75 100
77 31.0 21.2 39.4

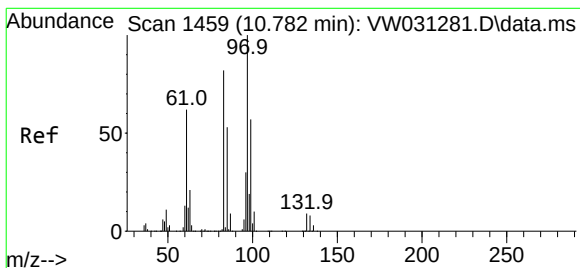
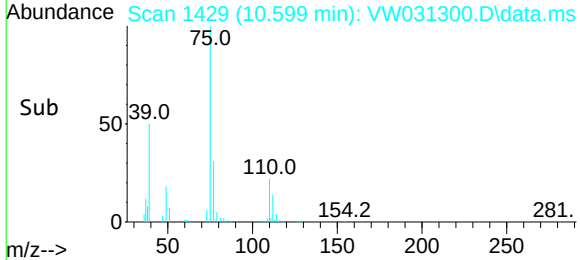
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



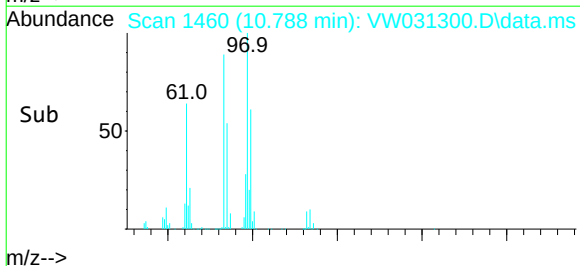
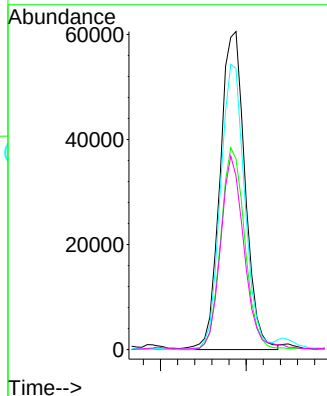
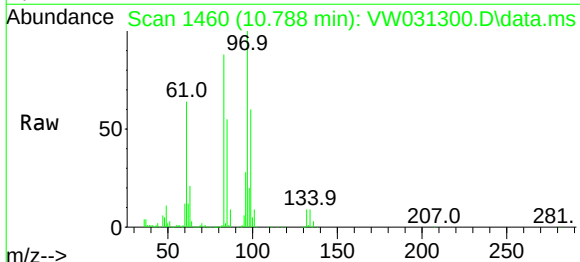
12/18/2024
Supervised By :Semsettin
Yesilyurt

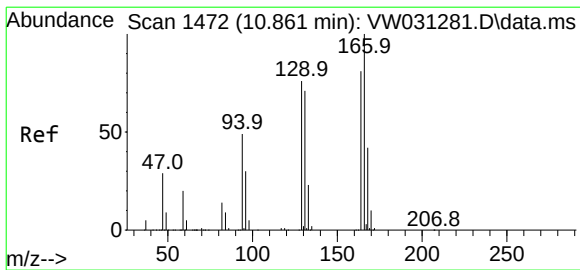
12/18/2024



#45
1,1,2-Trichloroethane
Concen: 14.021 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Tgt Ion: 97 Resp: 123061
Ion Ratio Lower Upper
97 100
99 59.9 43.0 80.0
83 88.4 56.4 104.7
85 54.6 37.9 70.3





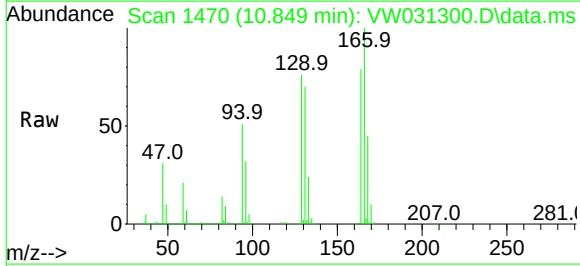
#46
Tetrachloroethene
Concen: 12.251 ug/L
RT: 10.849 min Scan# 1470
Delta R.T. -0.012 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Instrument :

MSVOA_W

ClientSampleId :

E28X0MS



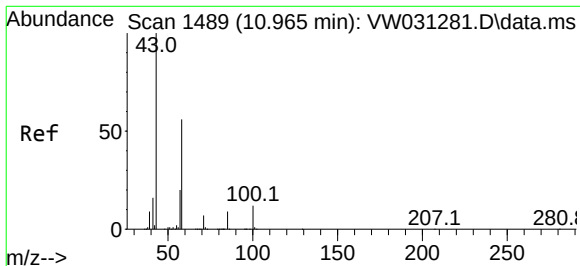
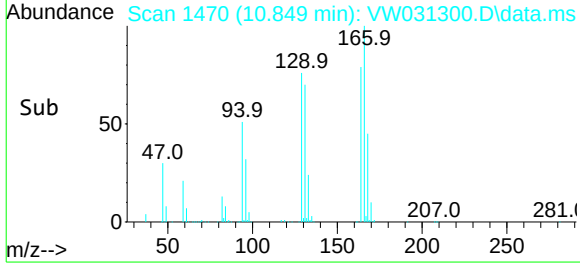
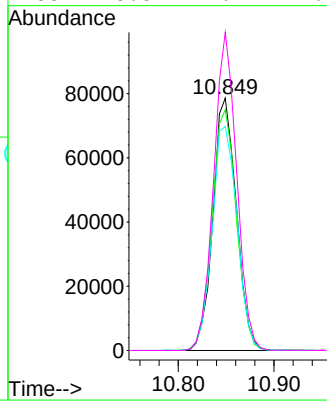
Tgt Ion	Ratio	Lower	Upper
164	100		
129	95.4	73.5	136.5
131	88.8	66.6	123.8
166	126.0	92.7	172.3

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

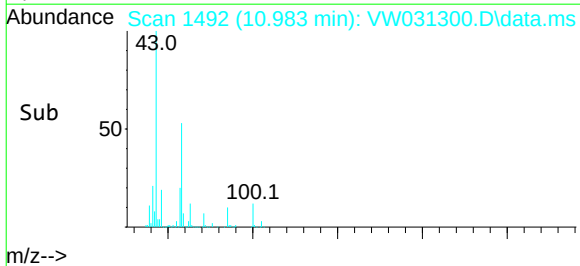
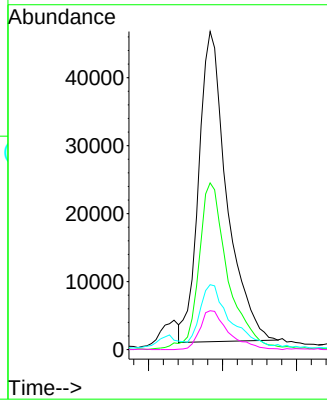
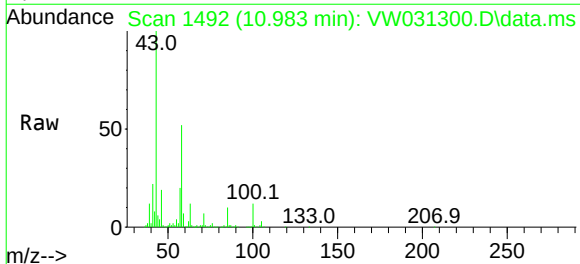
12/18/2024
Supervised By :Semsettin Yesilyurt

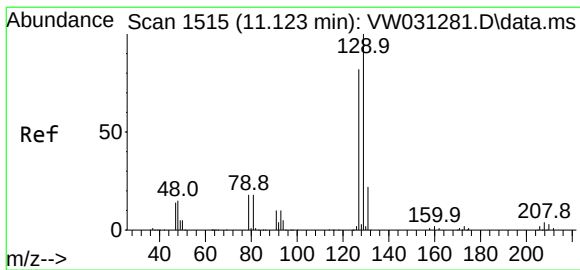
12/18/2024



#48
2-Hexanone
Concen: 20.221 ug/L
RT: 10.983 min Scan# 1492
Delta R.T. 0.018 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

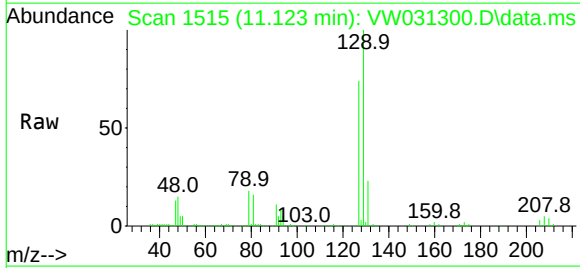
Tgt Ion	Ratio	Lower	Upper
43	100		
58	54.3	43.0	64.6
57	21.6	15.7	23.5
100	12.7	10.3	15.5





#49
Dibromochloromethane
Concen: 12.544 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Instrument :
MSVOA_W
ClientSampleId :
E28X0MS



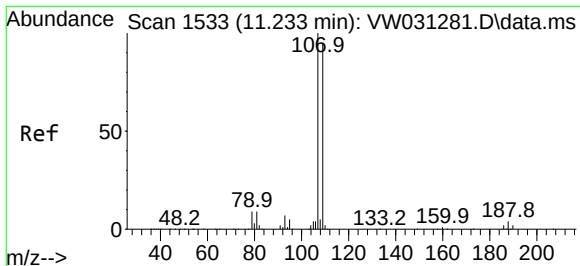
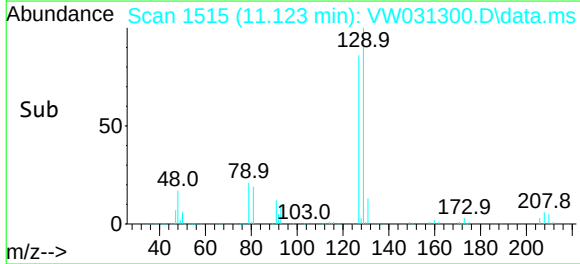
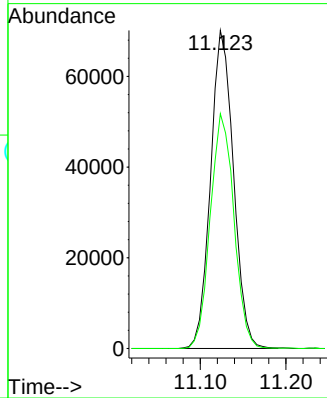
Tgt Ion:129 Resp: 130506
Ion Ratio Lower Upper
129 100
127 73.8 57.6 107.0

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

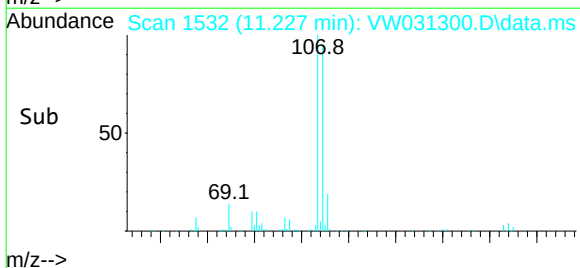
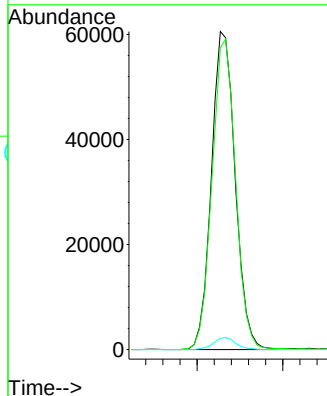
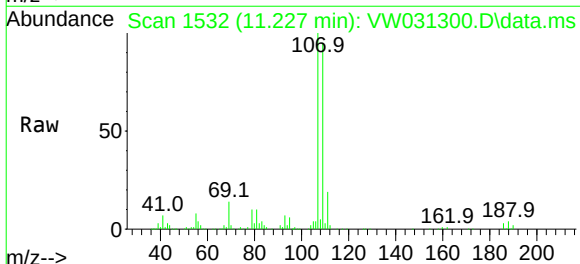
12/18/2024
Supervised By :Semsettin
Yesilyurt

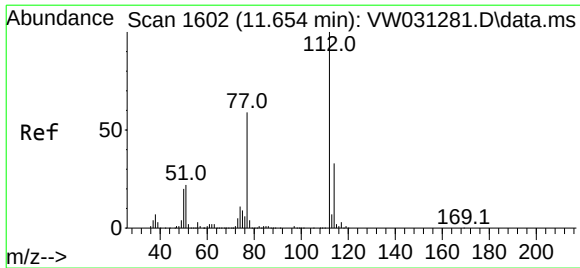
12/18/2024



#50
1,2-Dibromoethane
Concen: 14.002 ug/L
RT: 11.227 min Scan# 1532
Delta R.T. -0.006 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Tgt Ion:107 Resp: 116421
Ion Ratio Lower Upper
107 100
109 94.9 63.2 117.4
188 3.6 2.6 4.0





#51
Chlorobenzene
Concen: 12.907 ug/L
RT: 11.648 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Instrument :
MSVOA_W
ClientSampleId :
E28X0MS

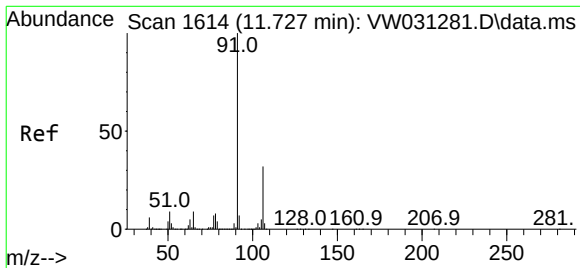
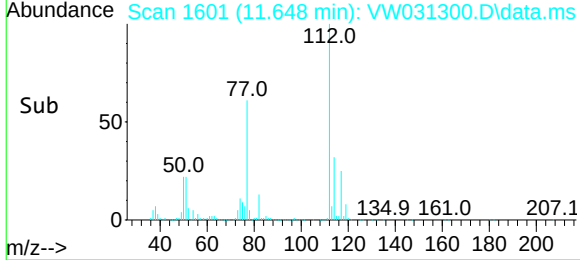
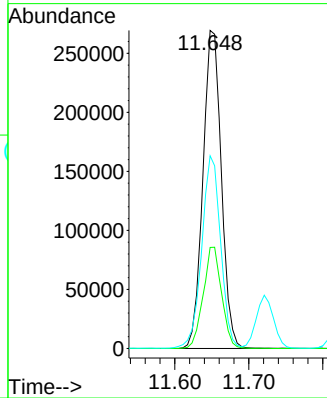
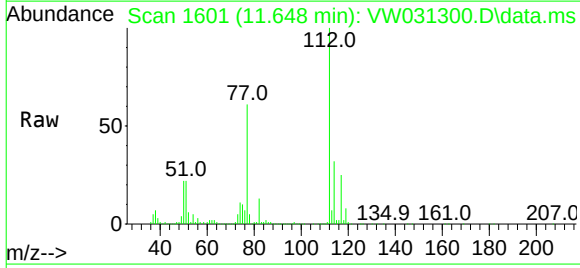
Tgt Ion:	112	Resp:	466047
Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.7	42.3
77	60.6	50.2	75.4

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

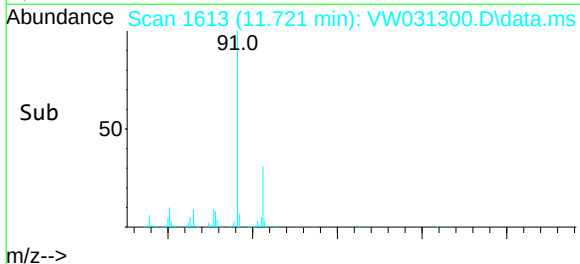
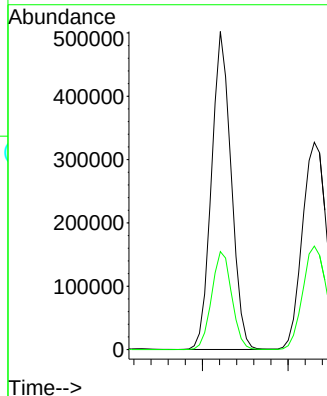
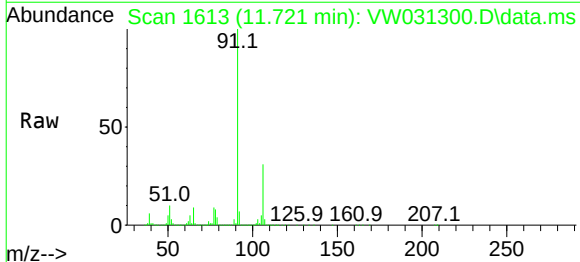
12/18/2024
Supervised By :Semsettin
Yesilyurt

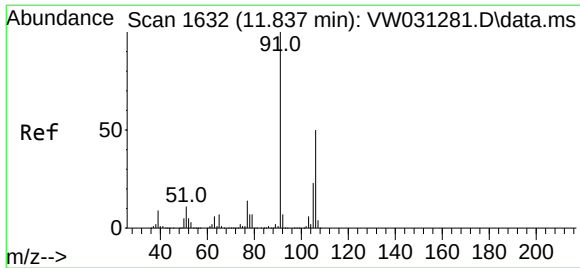
12/18/2024



#52
Ethylbenzene
Concen: 11.992 ug/L
RT: 11.721 min Scan# 1613
Delta R.T. -0.006 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Tgt Ion:	91	Resp:	800436
Ion	Ratio	Lower	Upper
91	100		
106	30.8	20.7	38.5





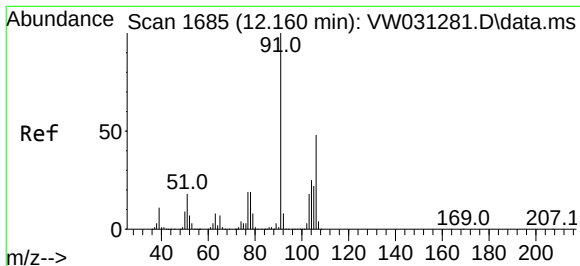
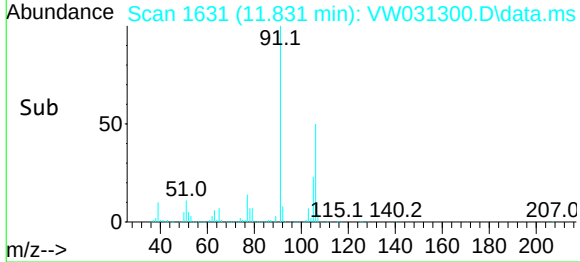
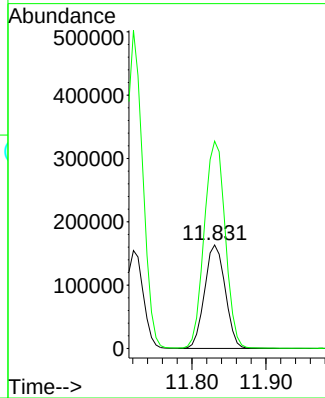
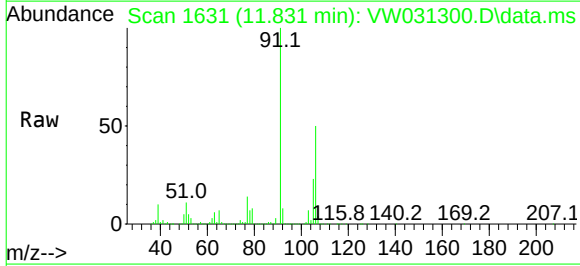
#53
m,p-Xylene
Concen: 12.430 ug/L
RT: 11.831 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Instrument :
MSVOA_W
ClientSampleId :
E28X0MS

Tgt Ion:106 Resp: 315841
Ion Ratio Lower Upper
106 100
91 200.3 139.9 259.7

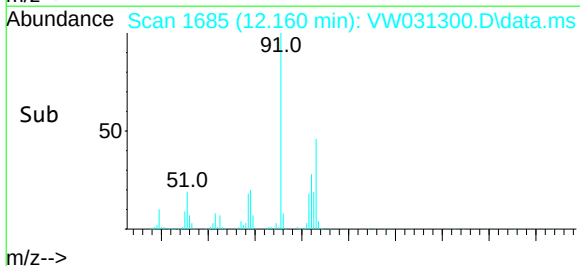
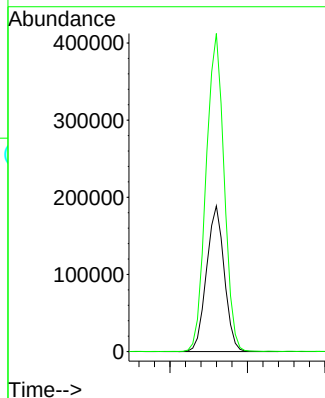
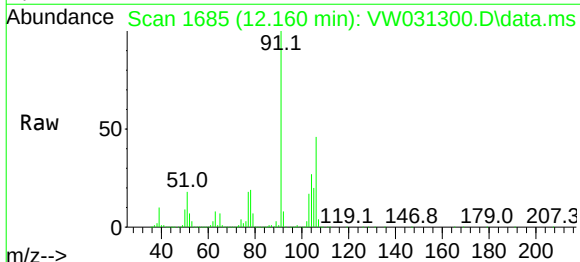
Manual Integrations
APPROVED

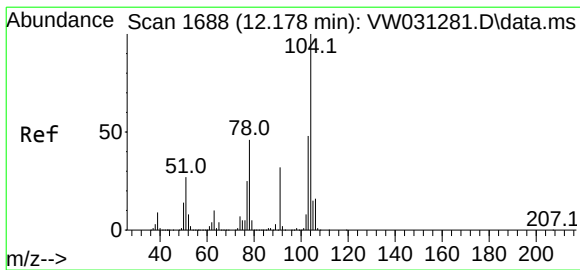
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#54
o-Xylene
Concen: 12.553 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Tgt Ion:106 Resp: 300604
Ion Ratio Lower Upper
106 100
91 218.4 153.1 284.3





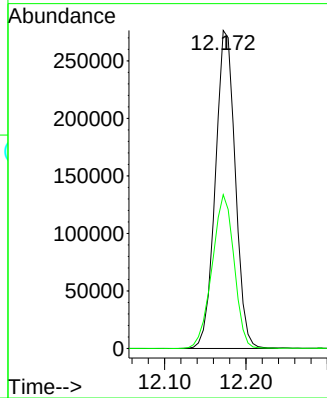
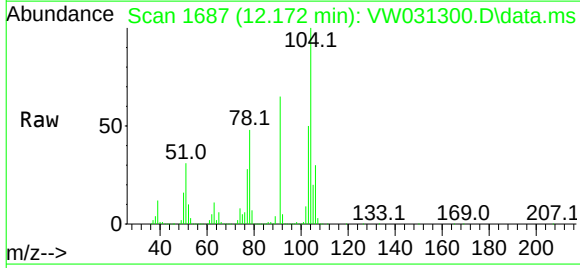
#55
Styrene
Concen: 11.808 ug/L
RT: 12.172 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Instrument :
MSVOA_W
ClientSampleId :
E28X0MS

Tgt Ion: 104 Resp: 470331
Ion Ratio Lower Upper
104 100
78 48.4 31.4 58.4

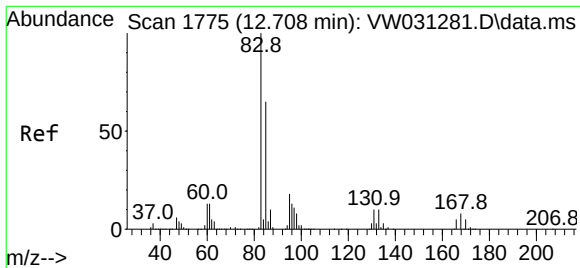
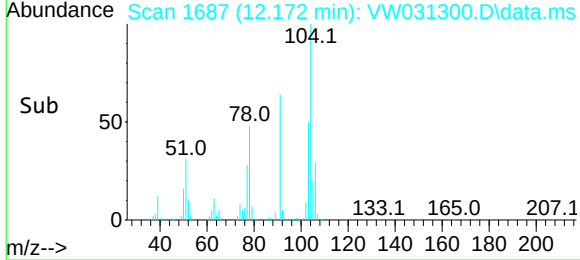
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



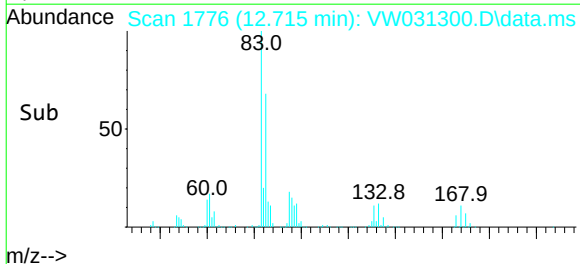
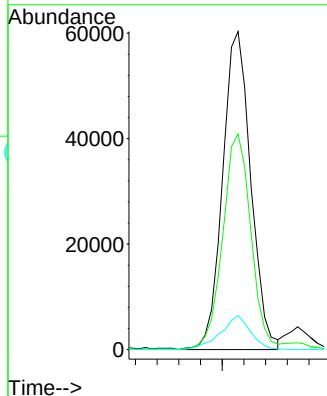
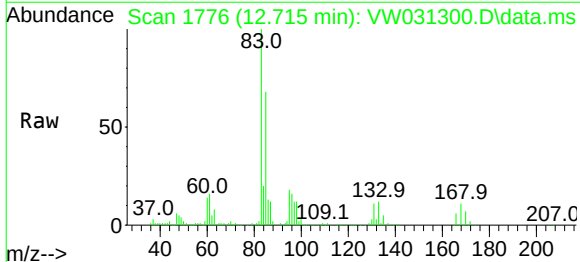
12/18/2024
Supervised By :Semsettin
Yesilyurt

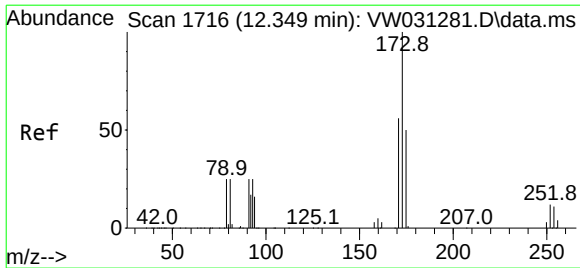
12/18/2024



#57
1,1,2,2-Tetrachloroethane
Concen: 11.483 ug/L
RT: 12.715 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

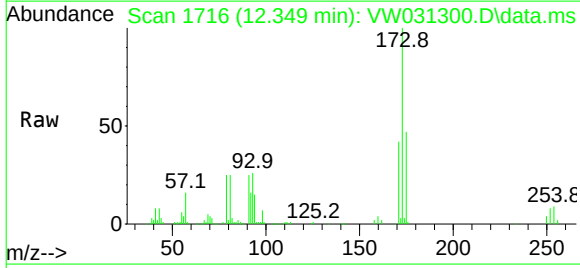
Tgt Ion: 83 Resp: 108650
Ion Ratio Lower Upper
83 100
85 67.8 44.1 81.9
131 10.7 7.9 11.9





#59
Bromoform
Concen: 14.402 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Instrument :
MSVOA_W
ClientSampleId :
E28X0MS



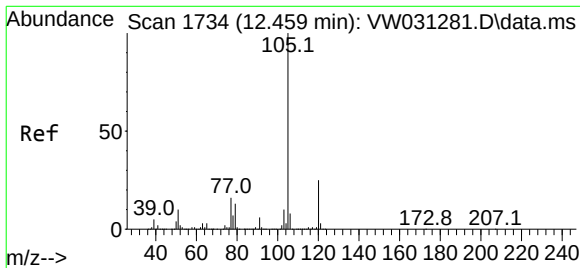
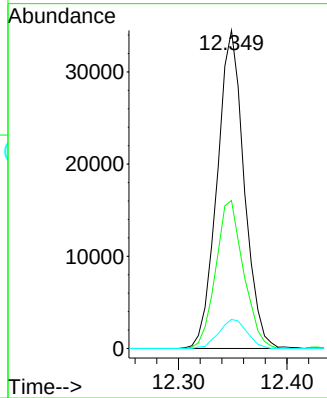
Tgt Ion:173 Resp: 59638
Ion Ratio Lower Upper
173 100
175 47.8 38.6 57.8
254 9.6 7.6 11.4

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

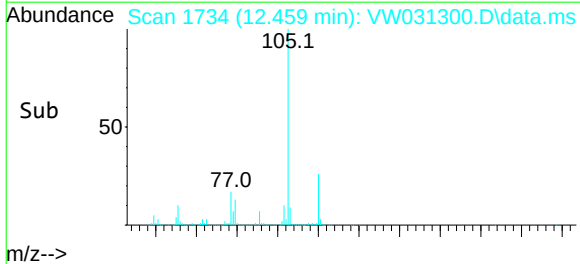
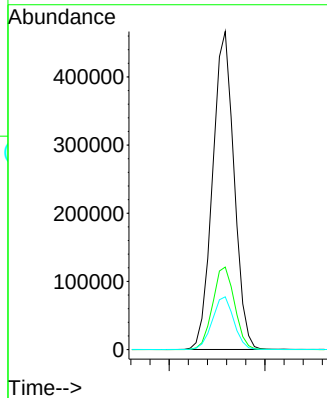
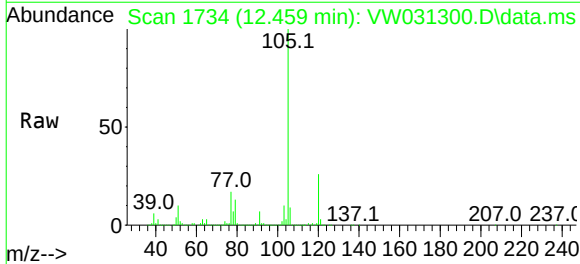
12/18/2024
Supervised By :Semsettin
Yesilyurt

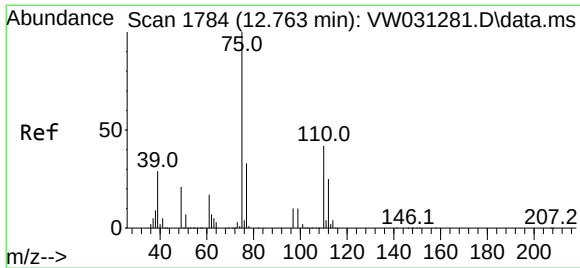
12/18/2024



#60
Isopropylbenzene
Concen: 15.072 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Tgt Ion:105 Resp: 727038
Ion Ratio Lower Upper
105 100
120 26.5 20.6 31.0
77 16.6 12.8 19.2





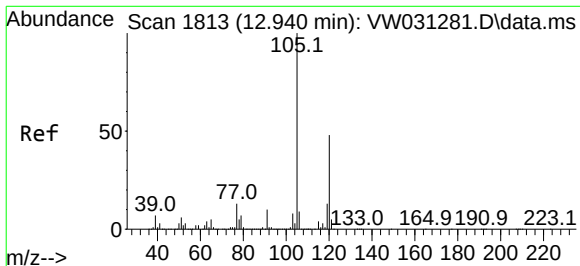
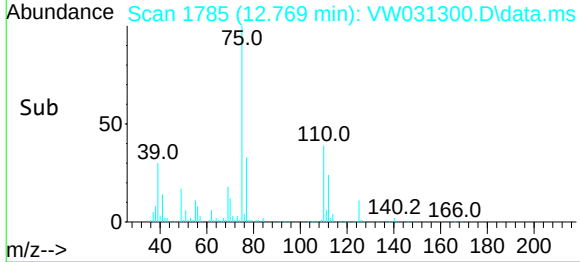
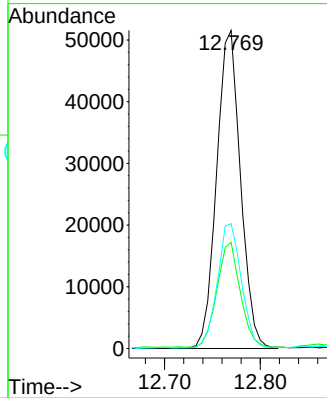
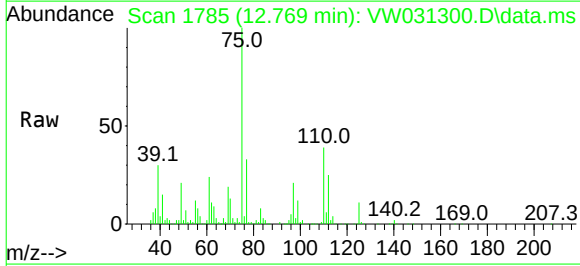
#61
1,2,3-Trichloropropane
Concen: 17.728 ug/L
RT: 12.769 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Instrument :
MSVOA_W
ClientSampleId :
E28X0MS

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.3	37.9
110	39.5	31.2	46.8

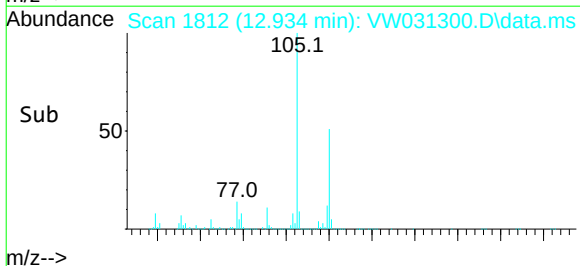
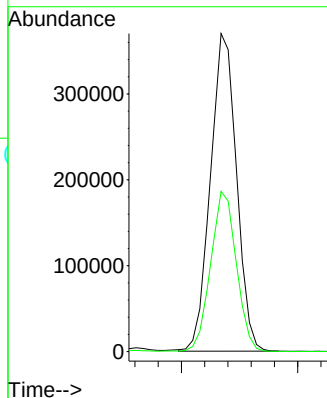
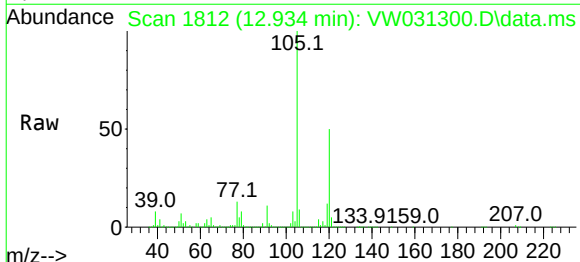
Manual Integrations
APPROVED

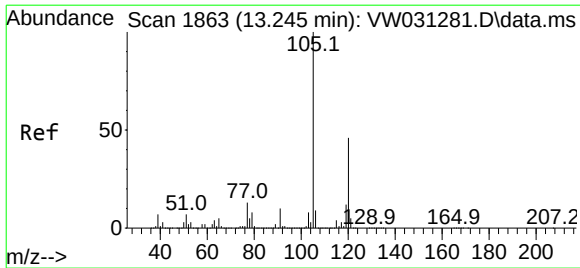
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#62
1,3,5-Trimethylbenzene
Concen: 14.080 ug/L
RT: 12.934 min Scan# 1812
Delta R.T. -0.006 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

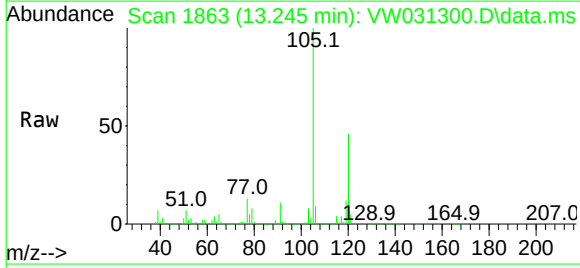
Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.7	37.3	55.9





#63
1,2,4-Trimethylbenzene
Concen: 14.079 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

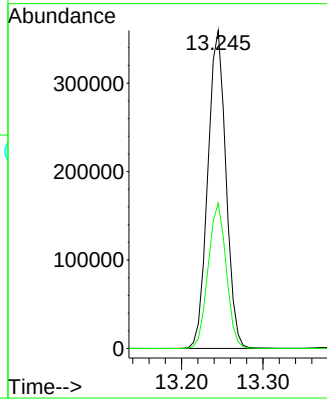
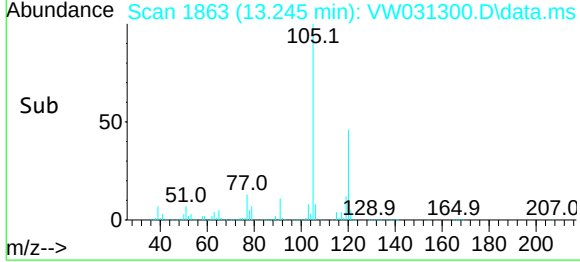
Instrument :
MSVOA_W
ClientSampleId :
E28X0MS



Tgt Ion:105 Resp: 556489
Ion Ratio Lower Upper
105 100
120 45.5 35.0 52.4

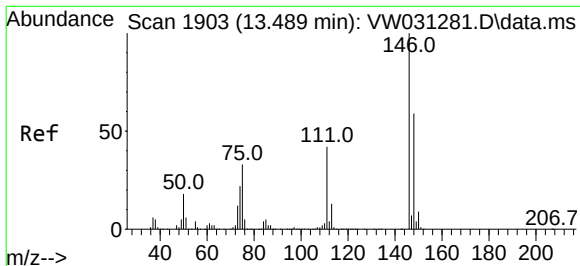
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

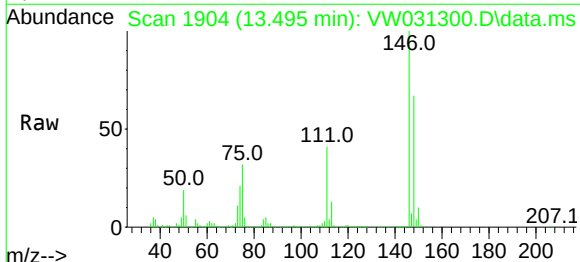


12/18/2024
Supervised By :Semsettin
Yesilyurt

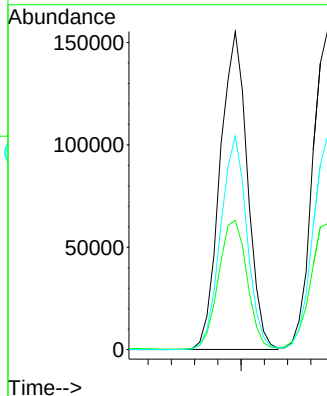
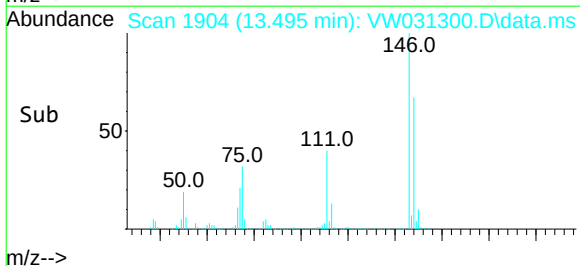
12/18/2024

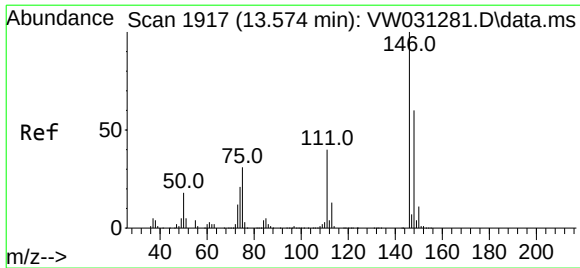


#64
1,3-Dichlorobenzene
Concen: 12.972 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49



Tgt Ion:146 Resp: 253511
Ion Ratio Lower Upper
146 100
111 40.7 27.6 51.2
148 67.2 41.0 76.2





#65
1,4-Dichlorobenzene
Concen: 12.888 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Instrument :
MSVOA_W
ClientSampleId :
E28X0MS

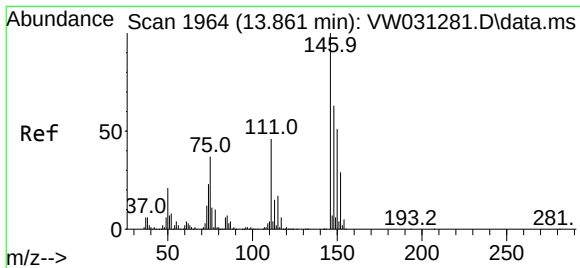
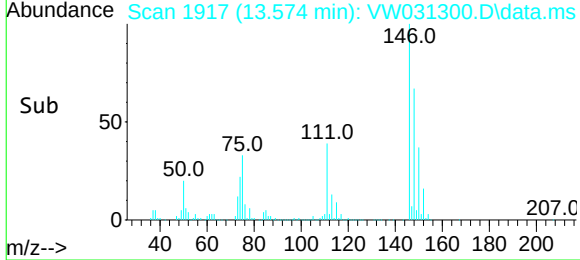
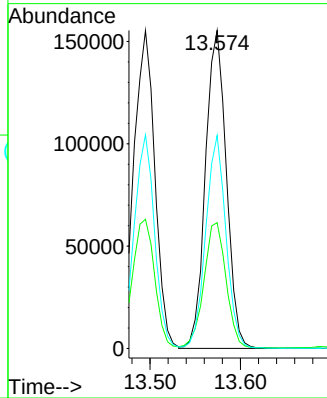
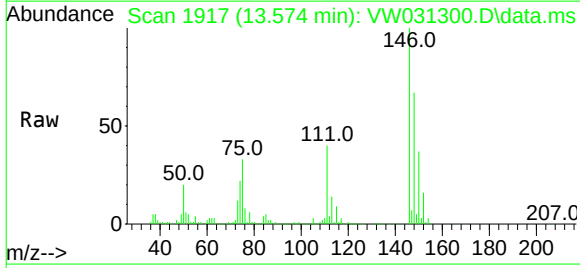
Tgt Ion:	146	Resp:	249552
Ion Ratio	Lower	Upper	
146	100		
111	39.6	30.7	56.9
148	67.0	46.5	86.3

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

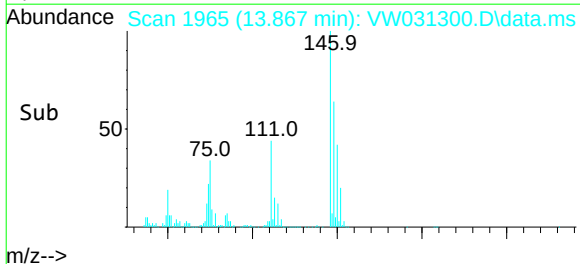
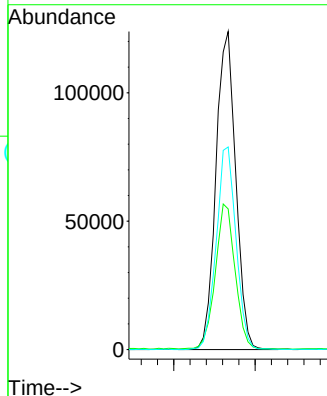
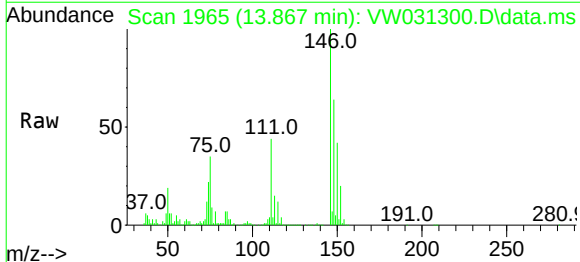
12/18/2024
Supervised By :Semsettin
Yesilyurt

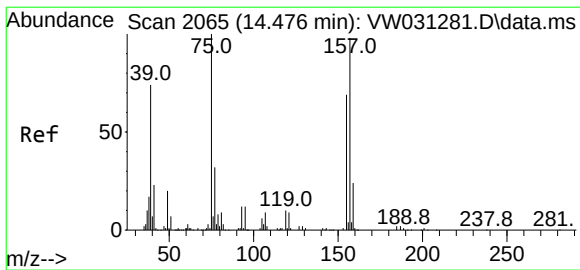
12/18/2024



#67
1,2-Dichlorobenzene
Concen: 12.456 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.006 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

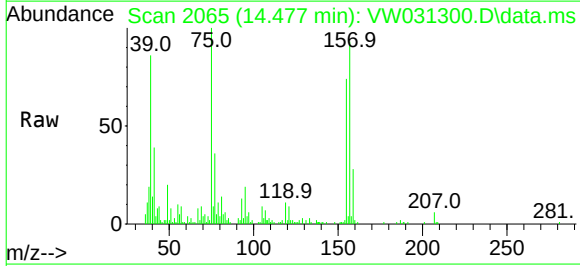
Tgt Ion:	146	Resp:	209749
Ion Ratio	Lower	Upper	
146	100		
111	44.2	38.6	58.0
148	63.7	53.6	80.4





#68
 1,2-Dibromo-3-chloropropane
 Concen: 12.799 ug/L
 RT: 14.477 min Scan# 2065
 Delta R.T. 0.000 min
 Lab File: VW031300.D
 Acq: 17 Dec 2024 03:49

Instrument :
 MSVOA_W
 ClientSampleId :
 E28X0MS



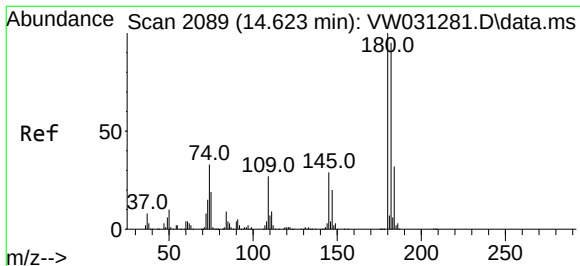
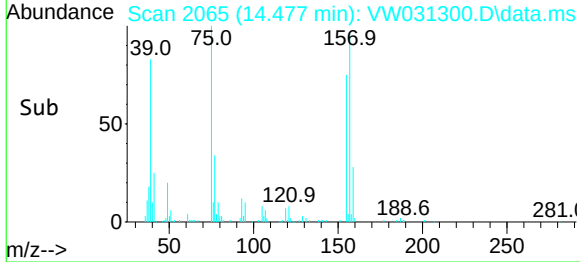
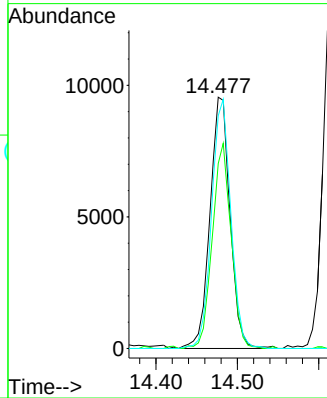
Tgt Ion:	75	Resp:	16382
Ion	Ratio	Lower	Upper
75	100		
155	73.6	56.6	85.0
157	92.6	71.2	106.8

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024

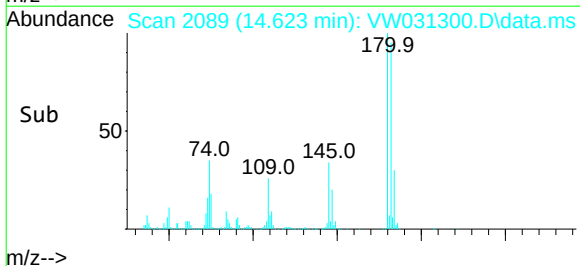
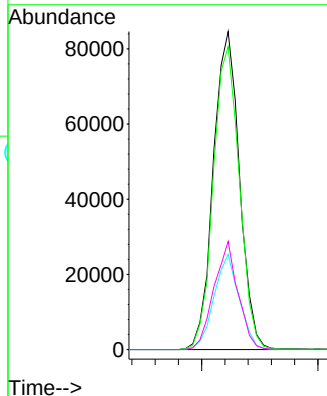
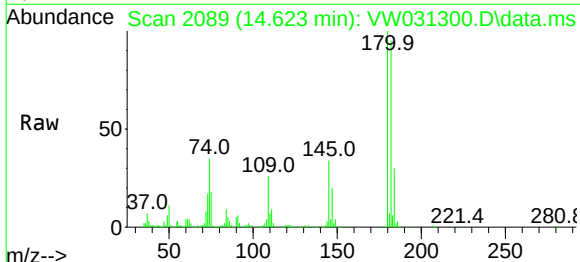
12/18/2024
 Supervised By :Semsettin
 Yesilyurt

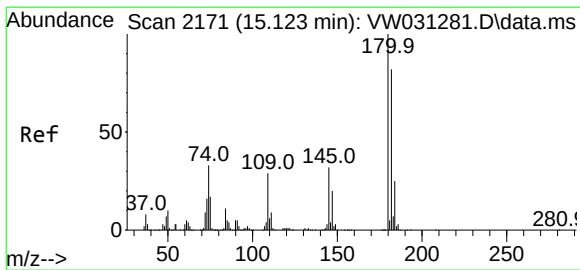
12/18/2024



#69
 1,3,5-Trichlorobenzene
 Concen: 9.691 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW031300.D
 Acq: 17 Dec 2024 03:49

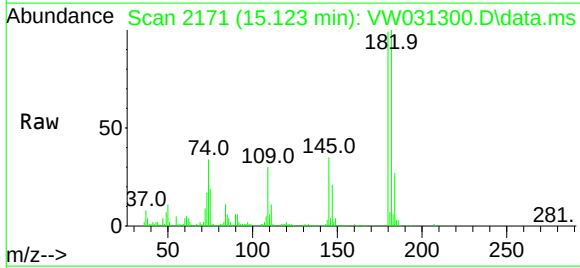
Tgt Ion:	180	Resp:	132646
Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.0	112.4
184	28.8	24.6	36.8
145	31.4	25.7	38.5





#70
1,2,4-trichlorobenzene
Concen: 8.495 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Instrument :
MSVOA_W
ClientSampleId :
E28X0MS



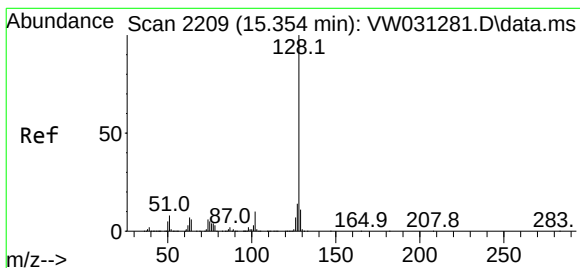
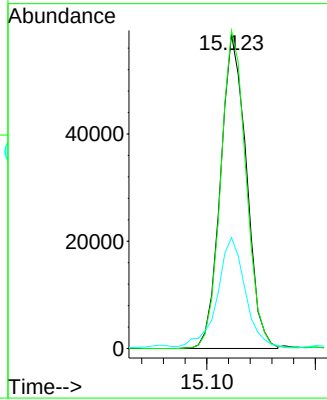
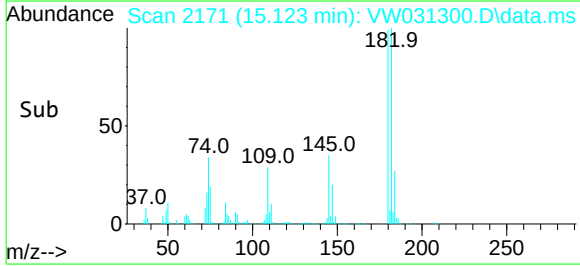
Tgt Ion:180 Resp: 96718
Ion Ratio Lower Upper
180 100
182 98.9 78.2 117.2
145 38.6 26.7 40.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

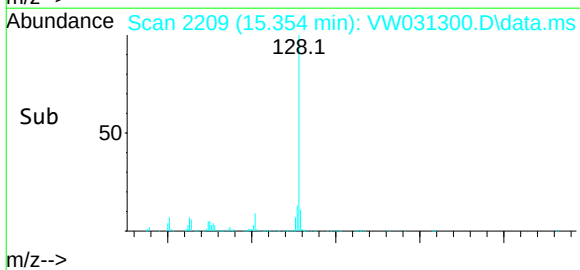
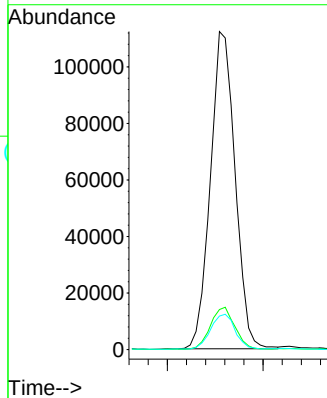
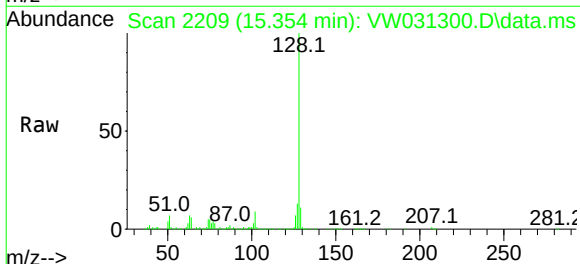
12/18/2024
Supervised By :Semsettin
Yesilyurt

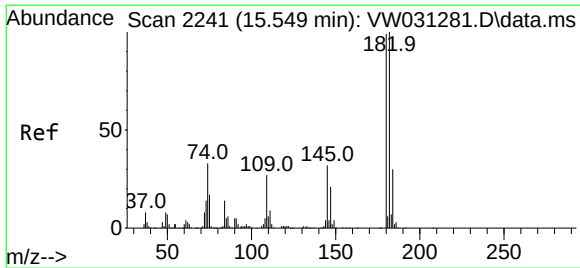
12/18/2024



#71
Naphthalene
Concen: 10.085 ug/L
RT: 15.354 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Tgt Ion:128 Resp: 201309
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 11.1 8.6 13.0





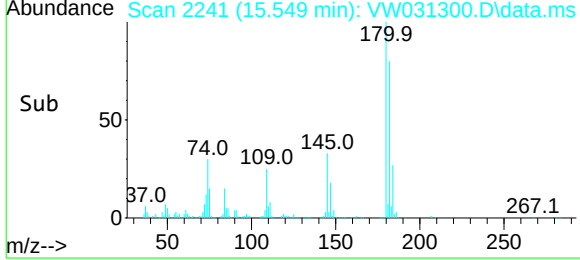
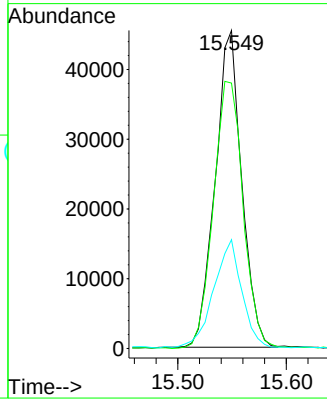
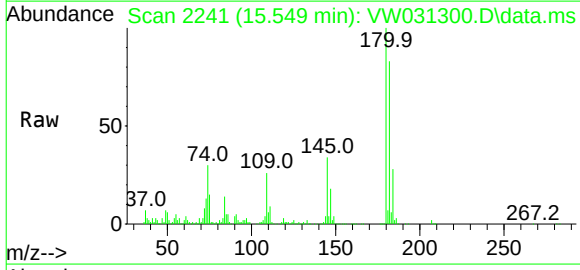
#72
 1,2,3-Trichlorobenzene
 Concen: 8.414 ug/L
 RT: 15.549 min Scan# 2241
 Delta R.T. 0.000 min
 Lab File: VW031300.D
 Acq: 17 Dec 2024 03:49

Instrument :
 MSVOA_W
 ClientSampleId :
 E28X0MS

Tgt Ion:	180	Resp:	77186
Ion Ratio	Lower	Upper	
180	100		
182	94.3	75.0	112.4
145	36.1	27.8	41.6

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024



12/18/2024
 Supervised By :Semsettin
 Yesilyurt
 12/18/2024