

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121024\
 Data File : VW031201.D
 Acq On : 10 Dec 2024 19:06
 Operator : SY/MD
 Sample : P5153-19MSD
 Misc : 5.99g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E28Q4MSD

Quant Time: Dec 11 00:34:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 11 00:26:57 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/11/2024
 Supervised By :Semsettin Yesilyurt 12/11/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.831	114	384156	25.000	ug/L	#-0.01
28) Chlorobenzene-d5	11.629	117	211130	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	43386	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.344	65	89383	15.119	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.480%
7) Chloroethane-d5	2.832	69	33939	7.400	ug/L	-0.06
Spiked Amount	25.000	Range	30 - 150	Recovery	=	29.600%#
11) 1,1-Dichloroethene-d2	4.027	65	316	0.117	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.480%#
21) 2-Butanone-d5	7.234	46	50344m	48.693	ug/L	0.13
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.380%
24) Chloroform-d	7.630	84	139440m	12.393	ug/L	-0.02
Spiked Amount	25.000	Range	40 - 150	Recovery	=	49.560%
26) 1,2-Dichloroethane-d4	8.289	65	105804	19.110	ug/L	-0.01
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.440%
32) Benzene-d6	8.234	84	362878	27.964	ug/L	-0.04
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.840%
36) 1,2-Dichloropropane-d6	9.264	67	131459	34.584	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	138.320%#
41) Toluene-d8	10.313	98	262996	22.458	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.840%
43) trans-1,3-Dichloroprop...	10.575	79	34937	22.830	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.320%
47) 2-Hexanone-d5	10.947	63	18619	41.809	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.620%
56) 1,1,2,2-Tetrachloroeth...	12.696	84	38793	15.122	ug/L	0.01
Spiked Amount	25.000	Range	45 - 120	Recovery	=	60.480%
66) 1,2-Dichlorobenzene-d4	13.849	152	27343	17.743	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	70.960%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	83012	17.112	ug/L	98
3) Chloromethane	2.204	50	121969	21.318	ug/L	99
5) Vinyl chloride	2.357	62	97919	14.247	ug/L	99
6) Bromomethane	2.753	94	35968	8.230	ug/L	100
8) Chloroethane	2.857	64	33649m	8.185	ug/L	
9) Trichlorofluoromethane	3.113	101	32512m	4.496	ug/L	
15) Methyl Acetate	4.667	43	136100m	69.680	ug/L	
16) Methylene chloride	4.771	84	67806m	12.195	ug/L	
17) trans-1,2-Dichloroethene	5.277	96	45270m	7.806	ug/L	
18) Methyl tert-butyl Ether	5.496	73	56890m	7.012	ug/L	
19) 1,1-Dichloroethane	6.124	63	122700m	11.503	ug/L	
20) cis-1,2-Dichloroethene	7.124	96	41573	6.825	ug/L	83
22) 2-Butanone	7.325	43	62054m	35.473	ug/L	
23) Bromochloromethane	7.478	128	22223m	8.592	ug/L	
25) Chloroform	7.667	83	100892	9.094	ug/L	90
27) 1,2-Dichloroethane	8.386	62	101571	14.863	ug/L	98
29) Cyclohexane	7.880	56	75927	14.287	ug/L	86
30) 1,1,1-Trichloroethane	7.825	97	90873	15.979	ug/L #	93
31) Carbon tetrachloride	8.020	117	78728	15.150	ug/L	95

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) Benzene	8.289	78	358372	25.101	ug/L	100
34) Trichloroethene	9.069	95	76866	19.518	ug/L	90
35) Methylcyclohexane	9.301	83	110543	17.639	ug/L #	89
37) 1,2-Dichloropropane	9.355	63	86587	24.380	ug/L #	90
38) Bromodichloromethane	9.642	83	83964	18.061	ug/L #	89
39) cis-1,3-Dichloropropene	10.069	75	95516	17.812	ug/L	97
40) 4-Methyl-2-pentanone	10.239	43	51068	32.110	ug/L #	80
42) Toluene	10.374	91	588830	39.151	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	68430	15.522	ug/L	91
45) 1,1,2-Trichloroethane	10.788	97	42313	17.335	ug/L	89
46) Tetrachloroethene	10.849	164	40728	13.950	ug/L	90
48) 2-Hexanone	10.989	43	42790m	29.738	ug/L	
49) Dibromochloromethane	11.129	129	34154	12.702	ug/L	85
50) 1,2-Dibromoethane	11.233	107	36026	15.794	ug/L #	86
51) Chlorobenzene	11.654	112	125442	13.066	ug/L	91
52) Ethylbenzene	11.727	91	235991	13.847	ug/L	94
53) m,p-Xylene	11.831	106	95706	15.088	ug/L	90
54) o-Xylene	12.160	106	75995	12.878	ug/L	86
55) Styrene	12.178	104	111009	11.175	ug/L	86
57) 1,1,2,2-Tetrachloroethane	12.721	83	28186	10.660	ug/L #	96
59) Bromoform	12.349	173	11723m	18.491	ug/L	
60) Isopropylbenzene	12.459	105	150161	21.440	ug/L #	94
61) 1,2,3-Trichloropropane	12.769	75	26338	32.489	ug/L	92
62) 1,3,5-Trimethylbenzene	12.940	105	92175	16.713	ug/L	93
63) 1,2,4-Trimethylbenzene	13.245	105	91066	16.809	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	39825	13.039	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	43791	14.194	ug/L #	75
67) 1,2-Dichlorobenzene	13.861	146	36905	13.813	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.483	75	3146	17.872	ug/L #	56
69) 1,3,5-Trichlorobenzene	14.623	180	14506	6.990	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	8509	5.229	ug/L	94
71) Naphthalene	15.360	128	20394	7.779	ug/L	94
72) 1,2,3-Trichlorobenzene	15.543	180	5299	3.804	ug/L #	83

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

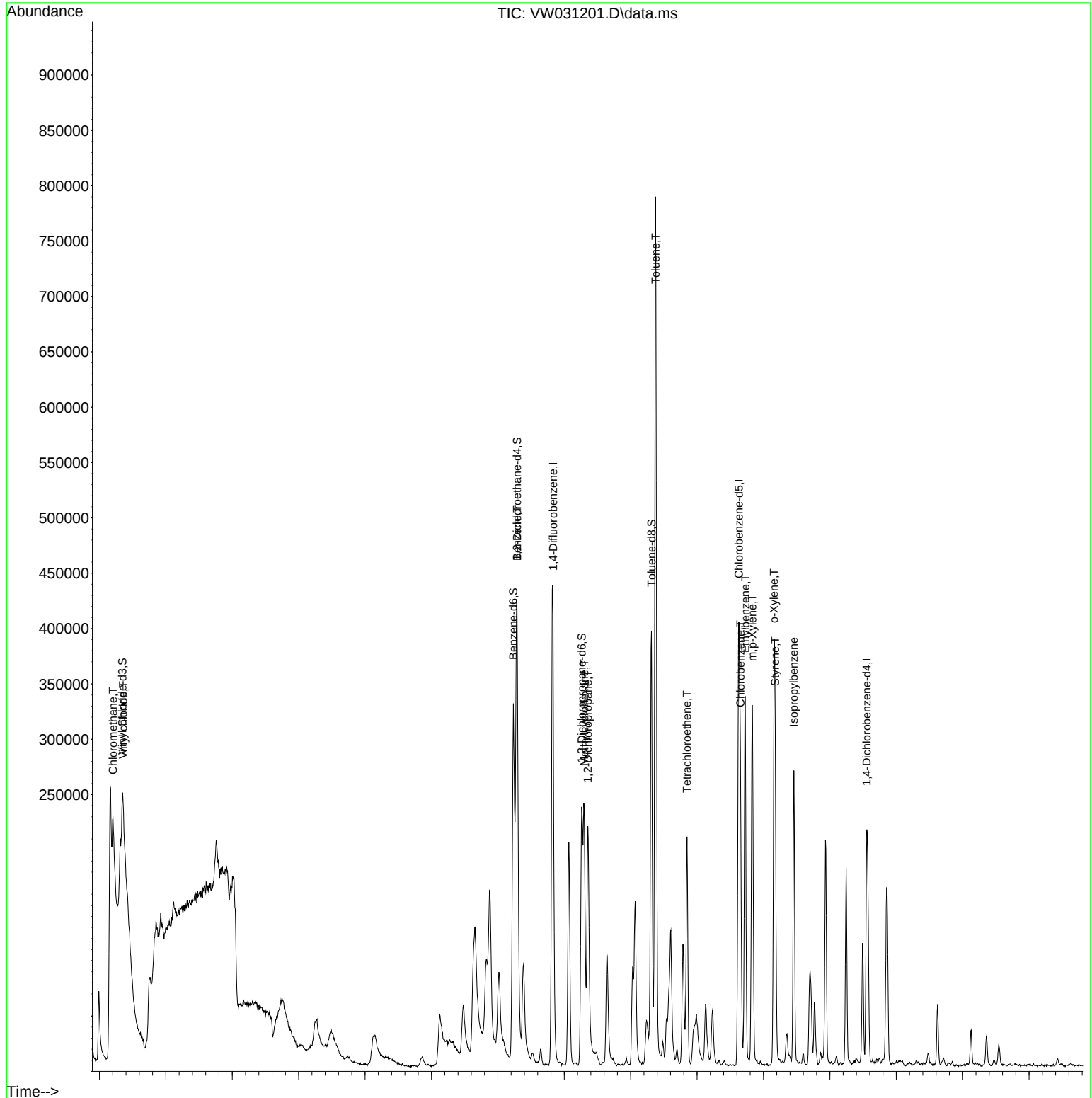
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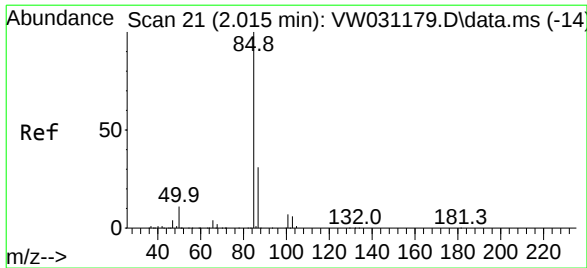
Instrument :
MSVOA_W
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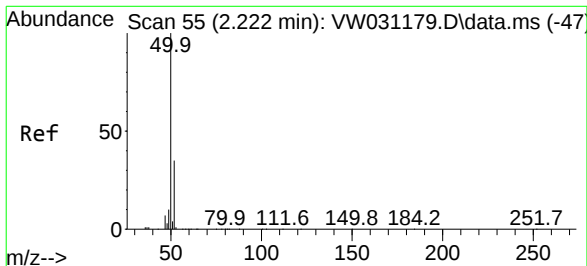
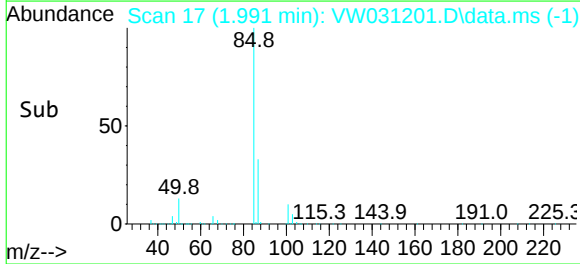
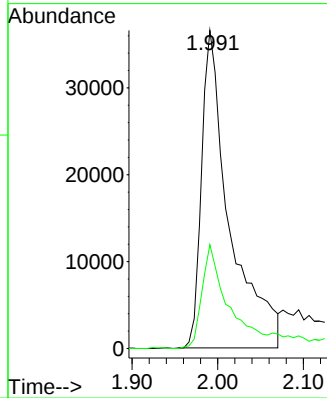
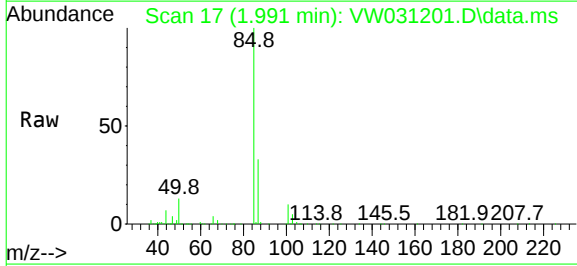
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Dichlorodifluoromethane
Concen: 17.112 ug/L
RT: 1.991 min Scan# 17
Delta R.T. -0.024 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

Instrument :
MSVOA_W
ClientSampleId :
E28Q4MSD

Tgt Ion: 85 Resp: 83012
Ion Ratio Lower Upper
85 100
87 30.9 23.8 35.6

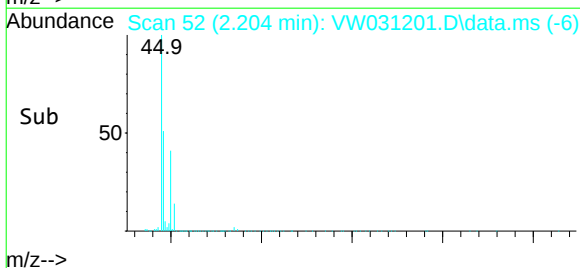
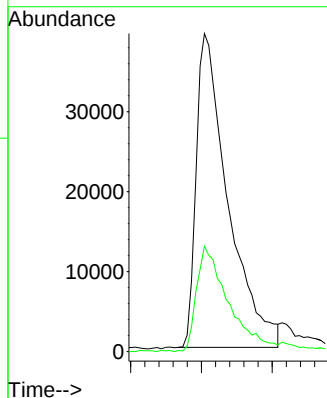
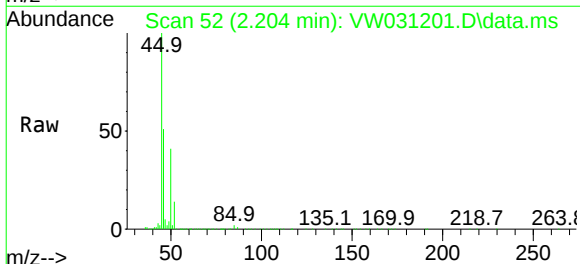
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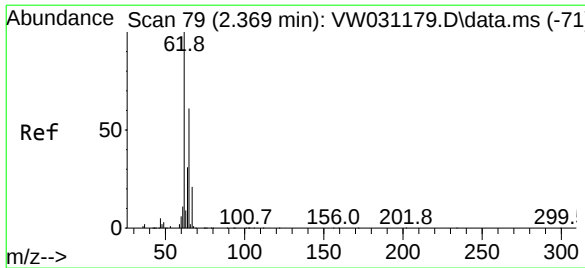
Reviewed By :Mahesh Dadoda 12/11/2024
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#3
Chloromethane
Concen: 21.318 ug/L
RT: 2.204 min Scan# 52
Delta R.T. -0.018 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

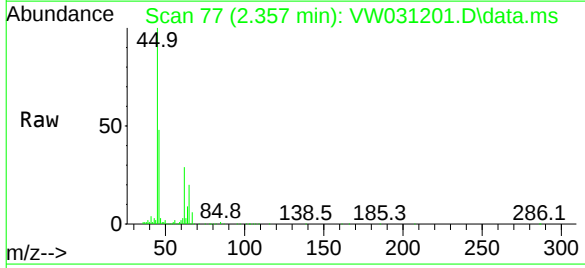
Tgt Ion: 50 Resp: 121969
Ion Ratio Lower Upper
50 100
52 33.2 23.4 43.6





#5
 Vinyl chloride
 Concen: 14.247 ug/L
 RT: 2.357 min Scan# 77
 Delta R.T. -0.012 min
 Lab File: VW031201.D
 Acq: 10 Dec 2024 19:06

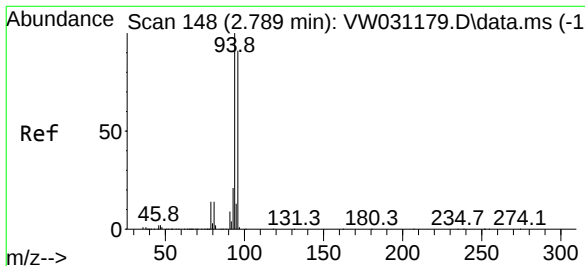
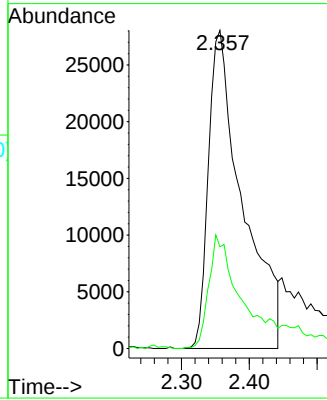
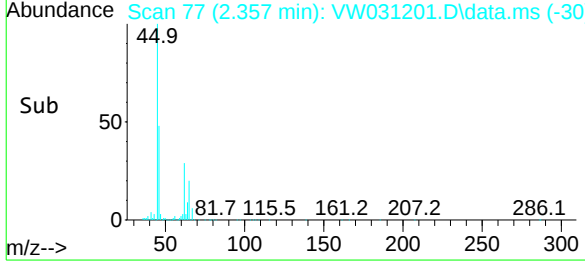
Instrument :
 MSVOA_W
 ClientSampleId :
 E28Q4MSD



Tgt Ion: 62 Resp: 97919
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.7 42.1

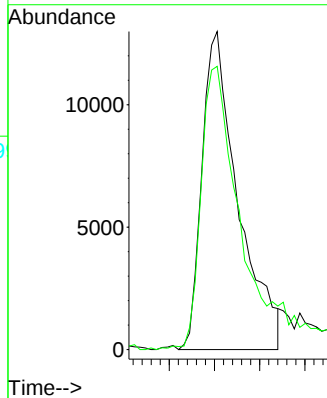
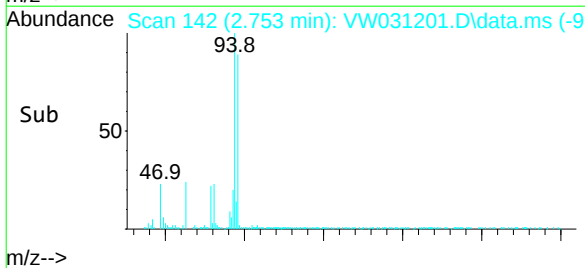
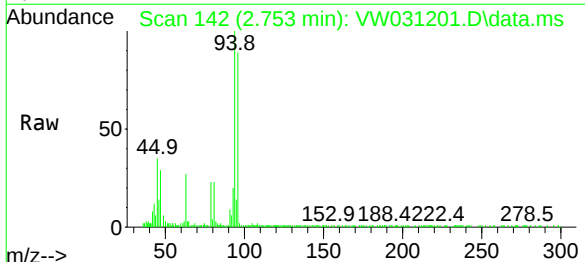
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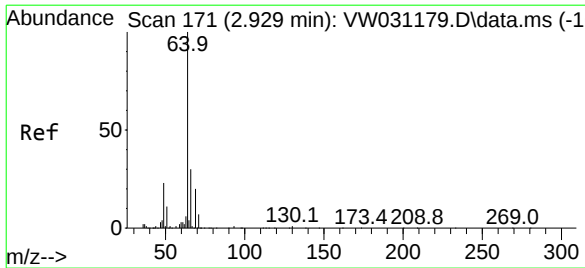
Reviewed By :Mahesh Dadoda 12/11/2024
 Supervised By :Semsettin Yesilyurt 12/11/2024



#6
 Bromomethane
 Concen: 8.230 ug/L
 RT: 2.753 min Scan# 142
 Delta R.T. -0.036 min
 Lab File: VW031201.D
 Acq: 10 Dec 2024 19:06

Tgt Ion: 94 Resp: 35968
 Ion Ratio Lower Upper
 94 100
 96 89.1 62.6 116.3





#8

Chloroethane

Concen: 8.185 ug/L m

RT: 2.857 min Scan# 15

Delta R.T. -0.073 min

Lab File: VW031201.D

Acq: 10 Dec 2024 19:06

Instrument :

MSVOA_W

ClientSampleId :

E28Q4MSD

Tgt Ion: 64 Resp: 33649

Ion Ratio Lower Upper

64 100

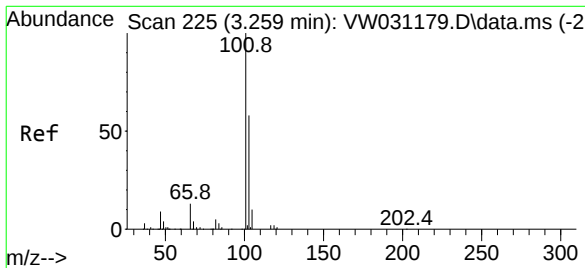
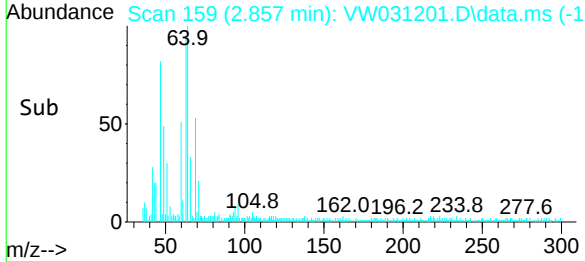
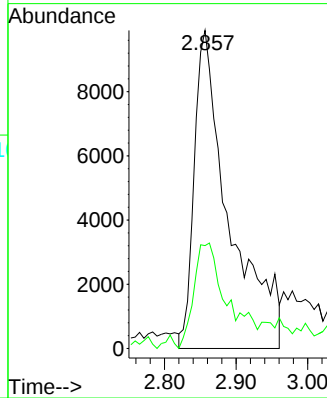
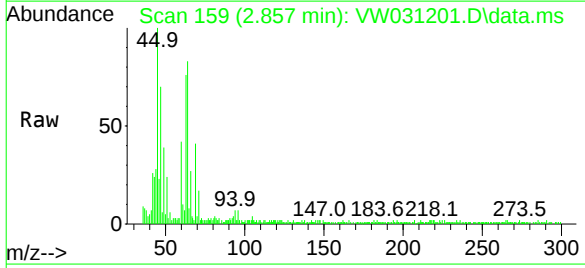
66 32.3 23.2 43.2

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#9

Trichlorofluoromethane

Concen: 4.496 ug/L m

RT: 3.113 min Scan# 201

Delta R.T. -0.146 min

Lab File: VW031201.D

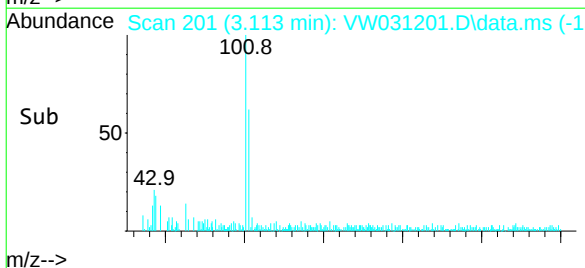
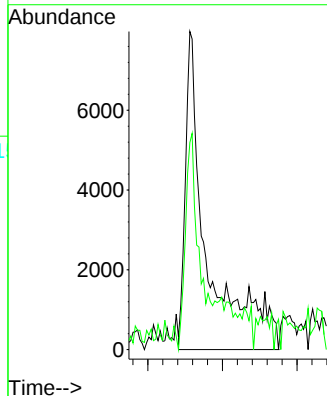
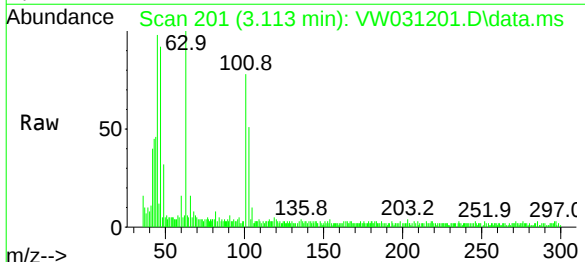
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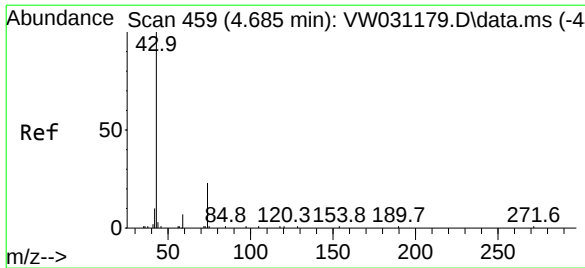
Tgt Ion:101 Resp: 32512

Ion Ratio Lower Upper

101 100

103 0.5 50.7 76.1#





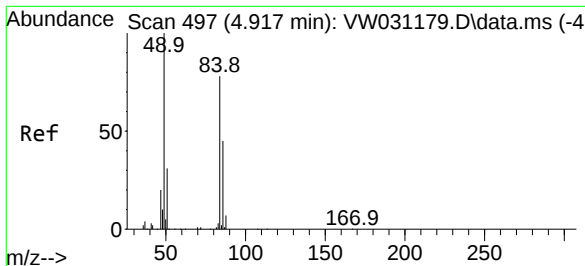
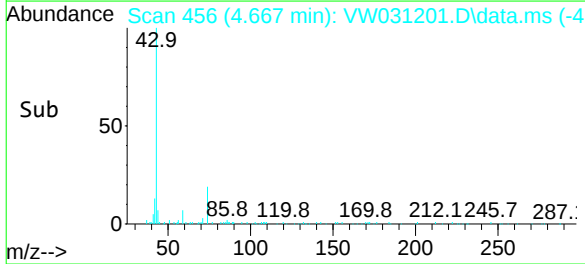
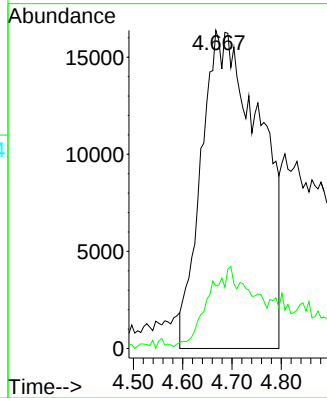
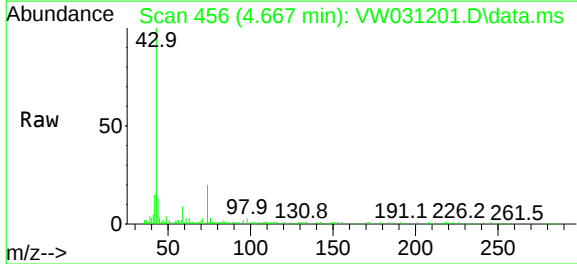
#15
Methyl Acetate
Concen: 69.680 ug/L m
RT: 4.667 min Scan# 459
Delta R.T. -0.018 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

Instrument :
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ClientSampleId :
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Tgt Ion: 43 Resp: 136100
Ion Ratio Lower Upper
43 100
74 5.1 20.8 31.2#

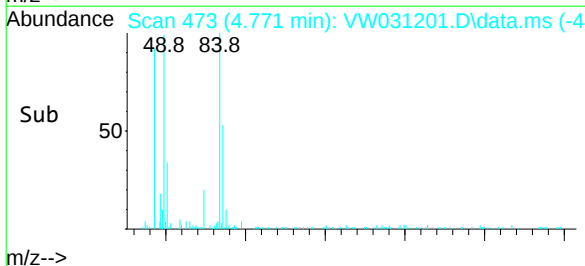
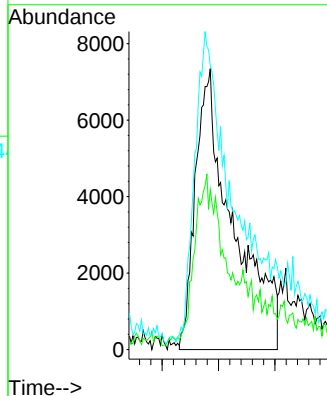
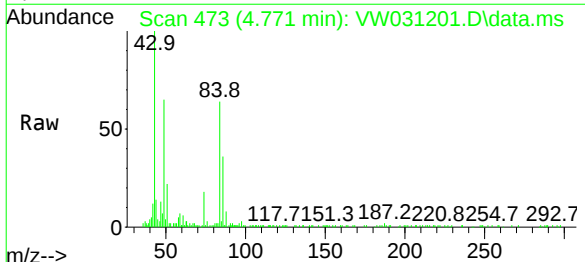
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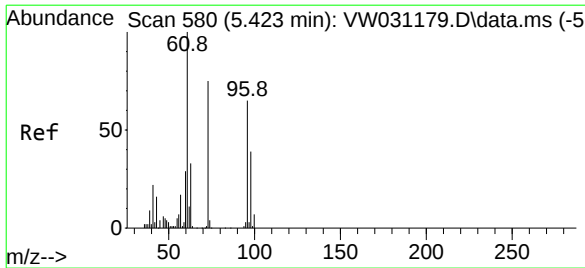
Reviewed By :Mahesh Dadoda 12/11/2024
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#16
Methylene chloride
Concen: 12.195 ug/L m
RT: 4.771 min Scan# 473
Delta R.T. -0.146 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

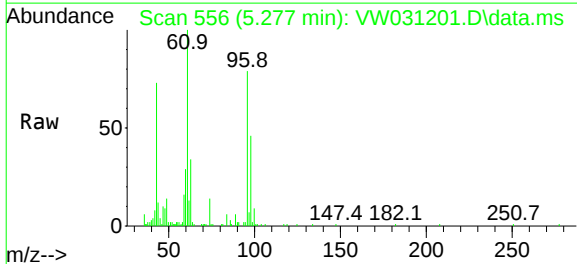
Tgt Ion: 84 Resp: 67806
Ion Ratio Lower Upper
84 100
86 55.9 44.9 83.5
49 101.1 79.9 148.5





#17
trans-1,2-Dichloroethene
Concen: 7.806 ug/L m
RT: 5.277 min Scan# 551
Delta R.T. -0.146 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

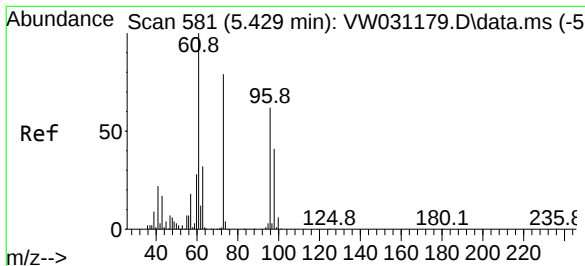
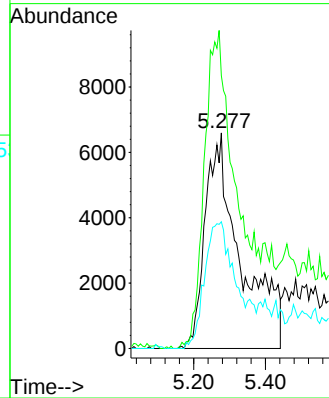
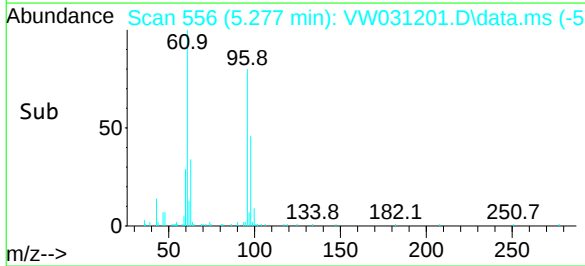
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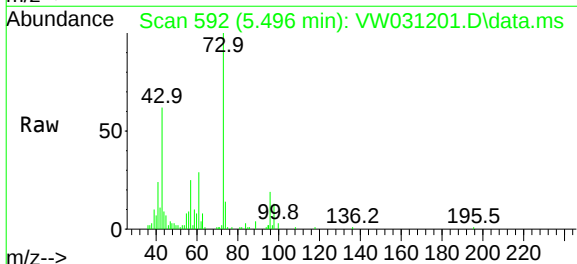
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Ion Ratio Lower Upper
96 100
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98 58.8 44.4 82.4

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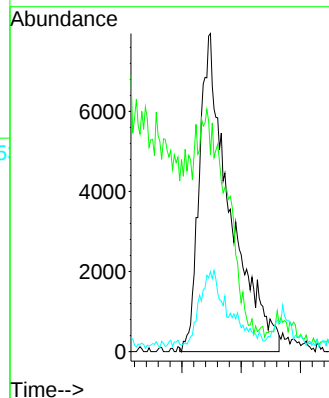
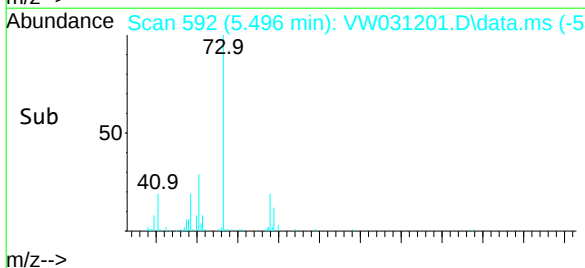
Reviewed By :Mahesh Dadoda 12/11/2024
Supervised By :Semsettin Yesilyurt 12/11/2024

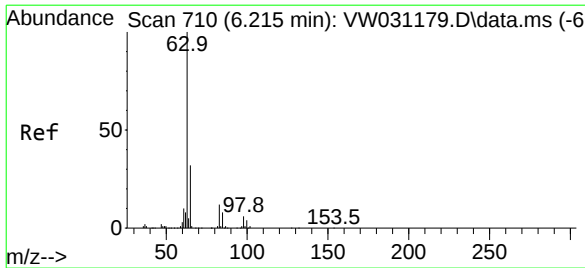


#18
Methyl tert-butyl Ether
Concen: 7.012 ug/L m
RT: 5.496 min Scan# 592
Delta R.T. 0.067 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06



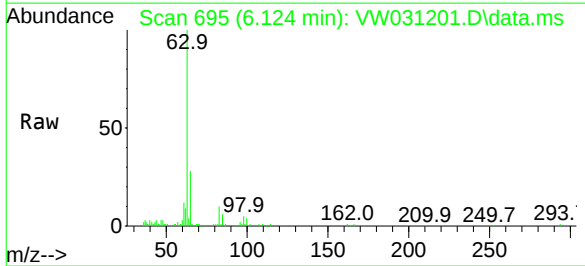
Tgt Ion: 73 Resp: 56890
Ion Ratio Lower Upper
73 100
43 0.0 15.4 23.0#
57 0.3 17.6 26.4#





#19
1,1-Dichloroethane
Concen: 11.503 ug/L m
RT: 6.124 min Scan# 69
Delta R.T. -0.091 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

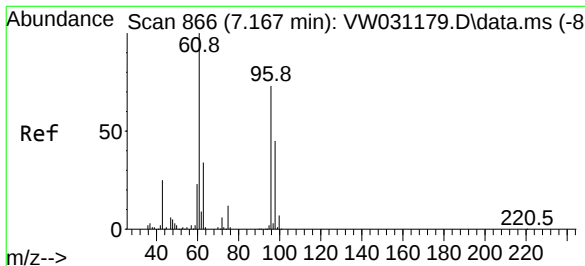
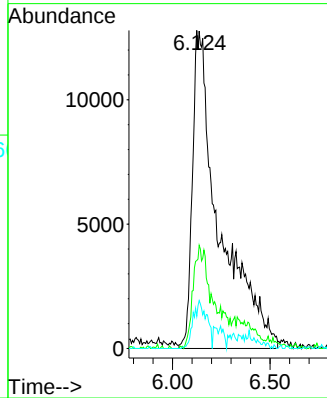
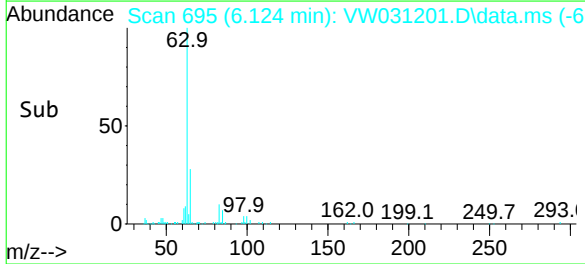
Instrument :
MSVOA_W
ClientSampleId :
E28Q4MSD



Tgt Ion: 63 Resp: 122700
Ion Ratio Lower Upper
63 100
65 27.7 21.7 40.3
83 10.1 8.9 16.5

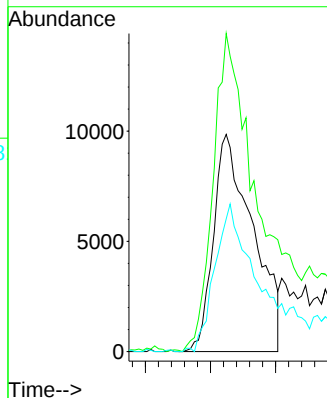
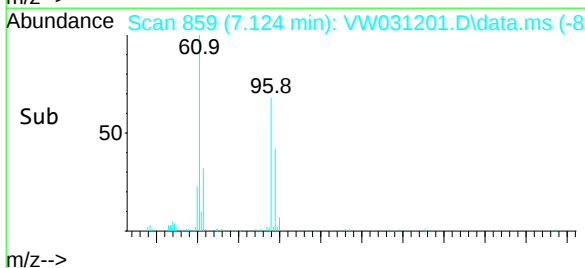
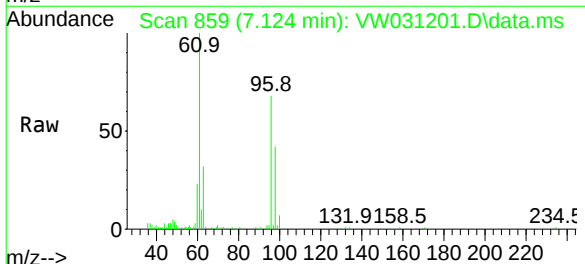
Manual Integrations
APPROVED

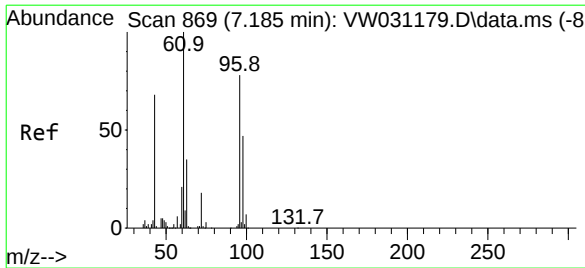
Reviewed By :Mahesh Dadoda 12/11/2024
Supervised By :Semsettin Yesilyurt 12/11/2024



#20
cis-1,2-Dichloroethene
Concen: 6.825 ug/L
RT: 7.124 min Scan# 859
Delta R.T. -0.042 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

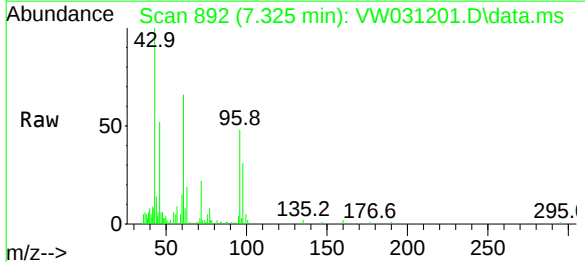
Tgt Ion: 96 Resp: 41573
Ion Ratio Lower Upper
96 100
61 146.5 83.7 155.5
98 61.1 43.9 81.5





#22
2-Butanone
Concen: 35.473 ug/L m
RT: 7.325 min Scan# 89
Delta R.T. 0.140 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

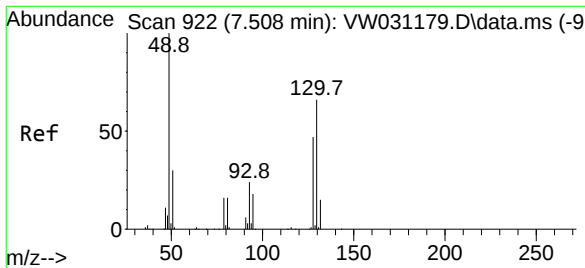
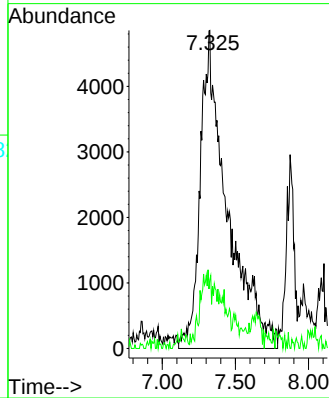
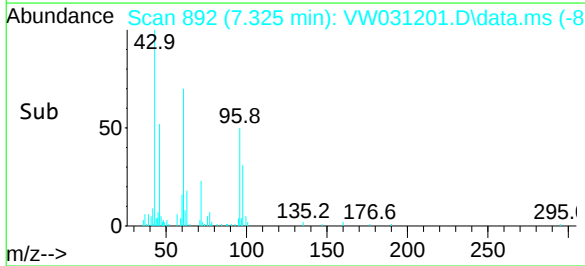
Instrument :
MSVOA_W
ClientSampleId :
E28Q4MSD



Tgt Ion: 43 Resp: 62054
Ion Ratio Lower Upper
43 100
72 0.1 14.9 44.7#

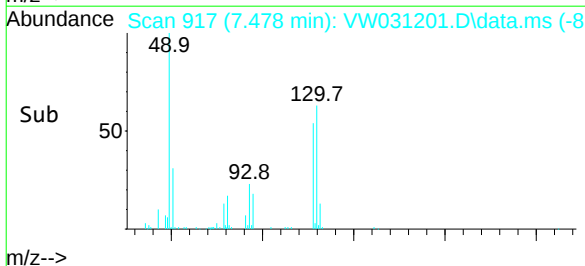
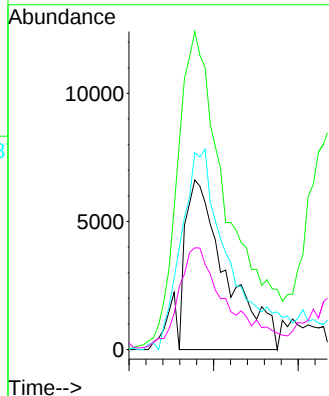
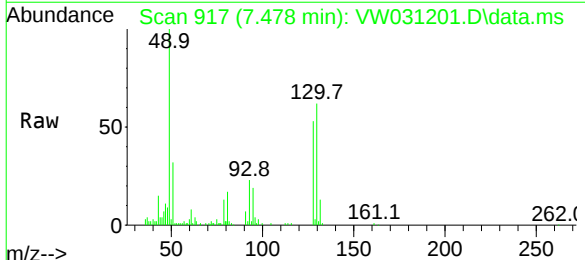
Manual Integrations
APPROVED

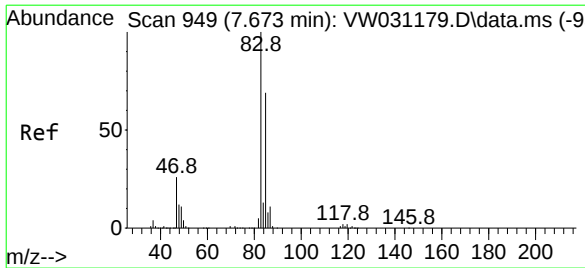
Reviewed By :Mahesh Dadoda 12/11/2024
Supervised By :Semsettin Yesilyurt 12/11/2024



#23
Bromochloromethane
Concen: 8.592 ug/L m
RT: 7.478 min Scan# 917
Delta R.T. -0.030 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

Tgt Ion:128 Resp: 22223
Ion Ratio Lower Upper
128 100
49 187.5 110.9 206.1
130 116.0 93.7 173.9
51 60.0 40.6 60.8





#25

Chloroform

Concen: 9.094 ug/L

RT: 7.667 min Scan# 94

Delta R.T. -0.006 min

Lab File: VW031201.D

Acq: 10 Dec 2024 19:06

Instrument :

MSVOA_W

ClientSampleId :

E28Q4MSD

Tgt Ion: 83 Resp: 100892

Ion Ratio Lower Upper

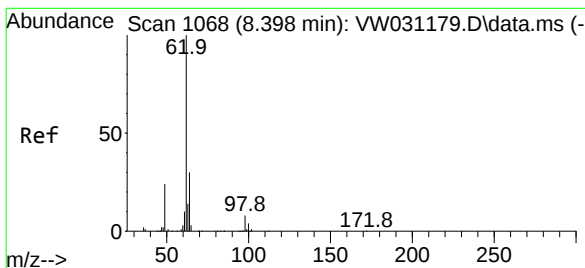
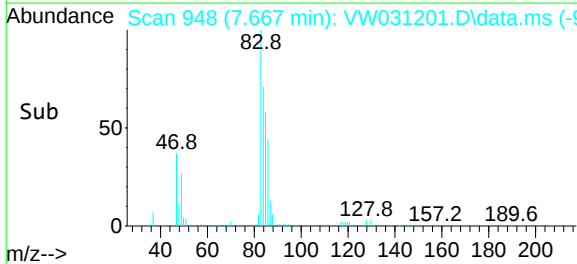
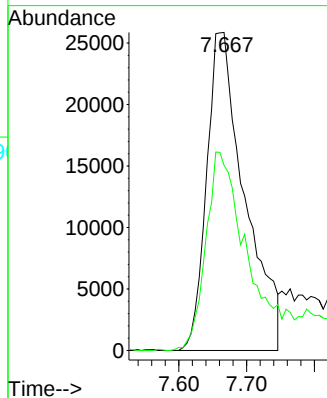
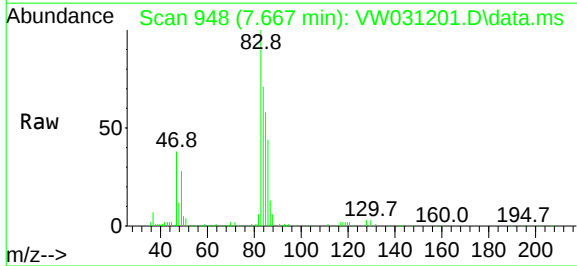
83 100

85 58.2 46.5 86.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/11/2024
Supervised By :Semsettin Yesilyurt 12/11/2024



#27

1,2-Dichloroethane

Concen: 14.863 ug/L

RT: 8.386 min Scan# 1066

Delta R.T. -0.012 min

Lab File: VW031201.D

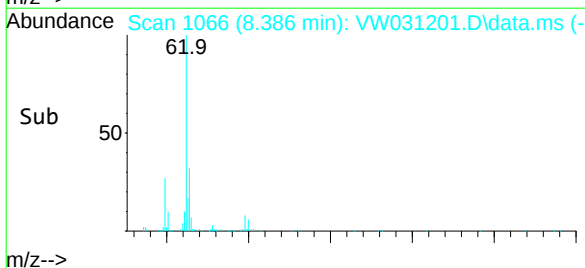
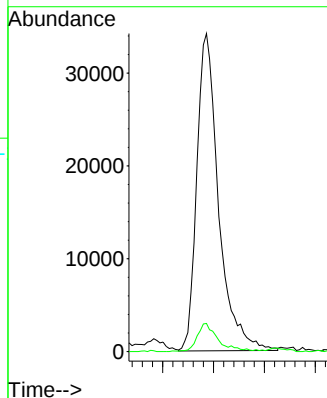
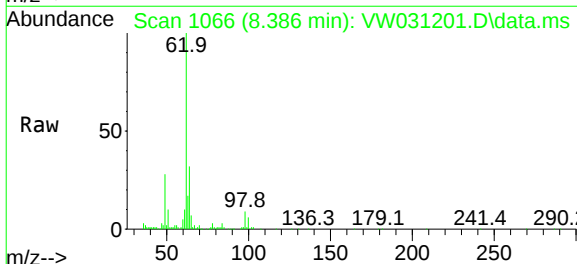
Acq: 10 Dec 2024 19:06

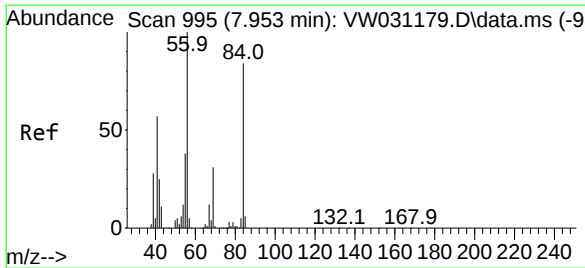
Tgt Ion: 62 Resp: 101571

Ion Ratio Lower Upper

62 100

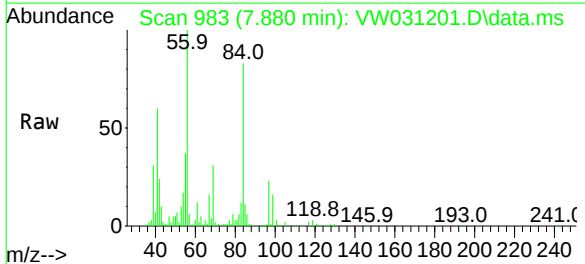
98 8.9 7.7 11.5





#29
Cyclohexane
Concen: 14.287 ug/L
RT: 7.880 min Scan# 98
Delta R.T. -0.073 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

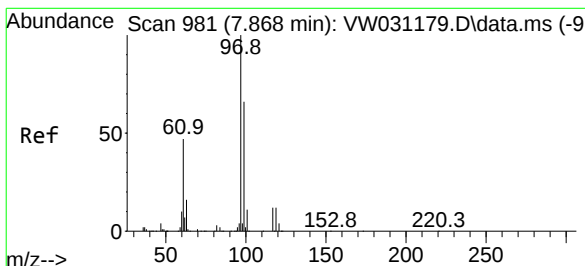
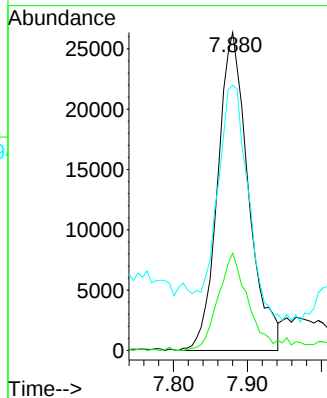
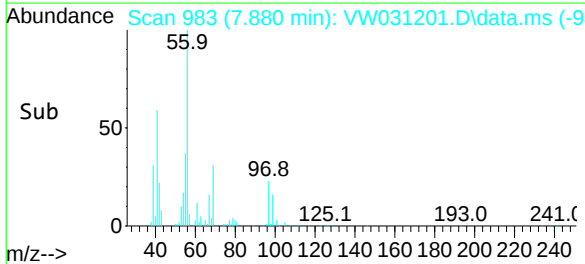
Instrument :
MSVOA_W
ClientSampleId :
E28Q4MSD



Tgt Ion: 56 Resp: 75927
Ion Ratio Lower Upper
56 100
69 29.4 25.4 38.2
84 72.4 71.1 106.7

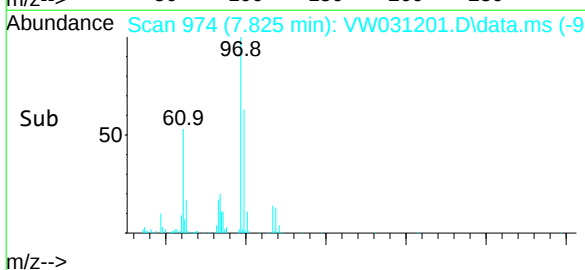
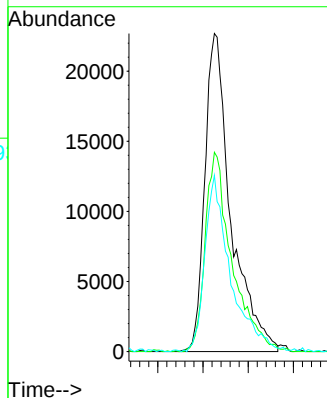
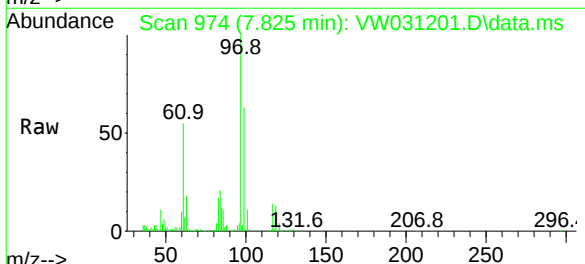
Manual Integrations
APPROVED

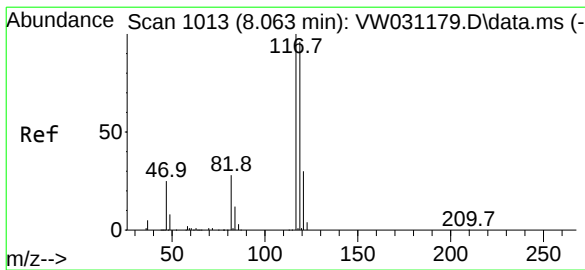
Reviewed By :Mahesh Dadoda 12/11/2024
Supervised By :Semsettin Yesilyurt 12/11/2024



#30
1,1,1-Trichloroethane
Concen: 15.979 ug/L
RT: 7.825 min Scan# 974
Delta R.T. -0.042 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

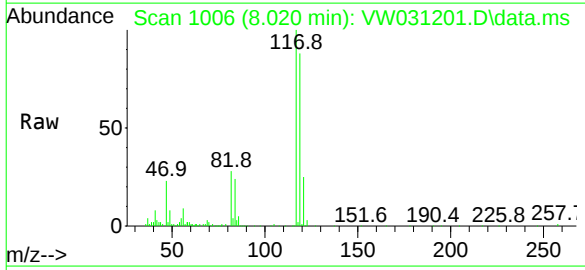
Tgt Ion: 97 Resp: 90873
Ion Ratio Lower Upper
97 100
99 63.7 51.6 77.4
61 52.0 33.8 50.6#





#31
Carbon tetrachloride
Concen: 15.150 ug/L
RT: 8.020 min Scan# 1013
Delta R.T. -0.042 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

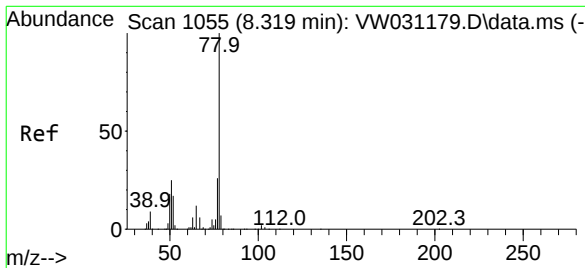
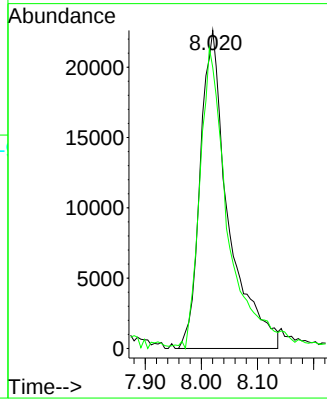
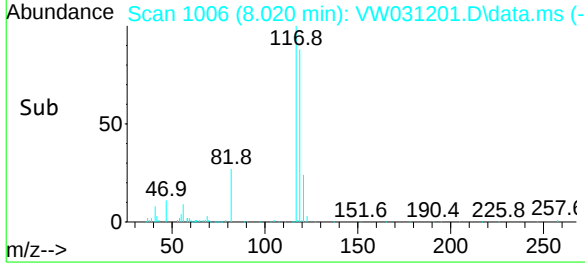
Instrument :
MSVOA_W
ClientSampleId :
E28Q4MSD



Tgt Ion: 117 Resp: 78728
Ion Ratio Lower Upper
117 100
119 90.0 75.8 113.8

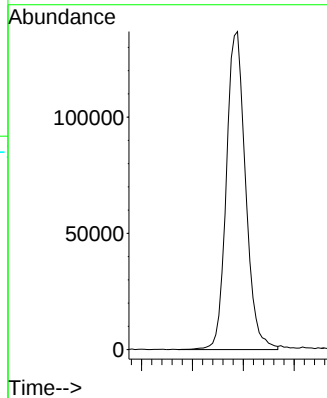
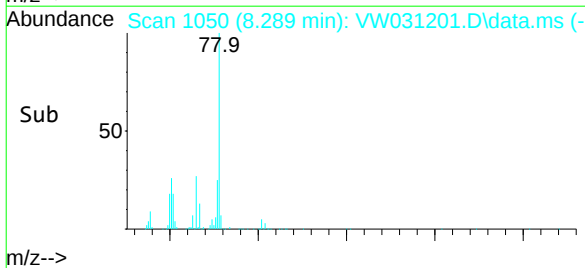
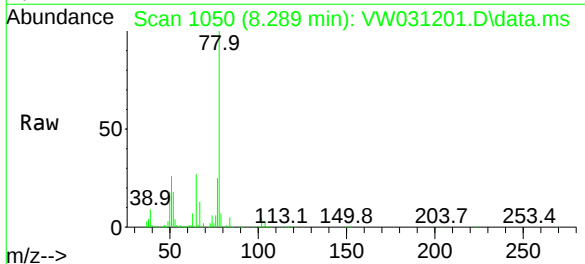
Manual Integrations
APPROVED

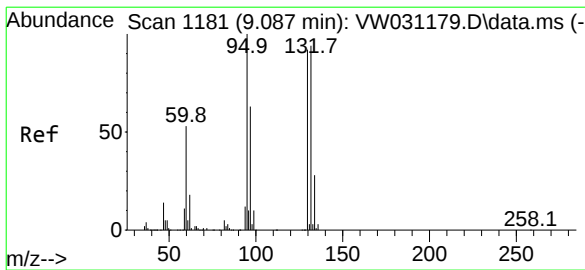
Reviewed By :Mahesh Dadoda 12/11/2024
Supervised By :Semsettin Yesilyurt 12/11/2024



#33
Benzene
Concen: 25.101 ug/L
RT: 8.289 min Scan# 1050
Delta R.T. -0.030 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

Tgt Ion: 78 Resp: 358372





#34

Trichloroethene

Concen: 19.518 ug/L

RT: 9.069 min Scan# 11

Delta R.T. -0.018 min

Lab File: VW031201.D

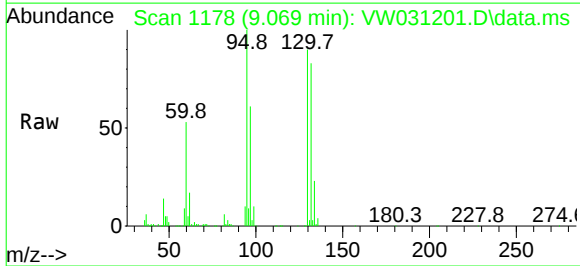
Acq: 10 Dec 2024 19:06

Instrument :

MSVOA_W

ClientSampleId :

E28Q4MSD



Tgt Ion: 95 Resp: 76866

Ion Ratio Lower Upper

95 100

97 61.2 48.0 89.2

132 86.4 67.4 125.2

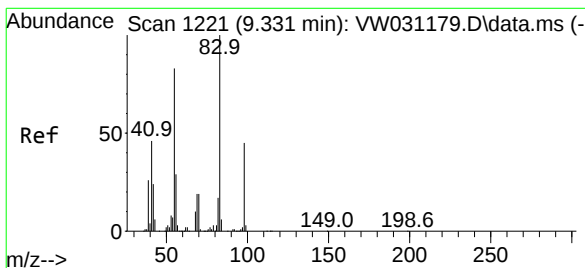
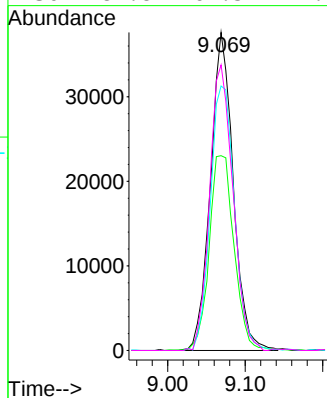
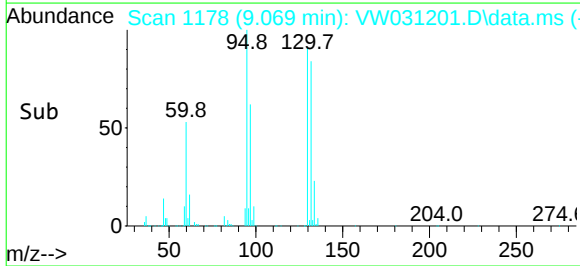
130 89.8 69.5 129.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/11/2024

Supervised By :Semsettin Yesilyurt 12/11/2024



#35

Methylcyclohexane

Concen: 17.639 ug/L

RT: 9.301 min Scan# 1216

Delta R.T. -0.030 min

Lab File: VW031201.D

Acq: 10 Dec 2024 19:06

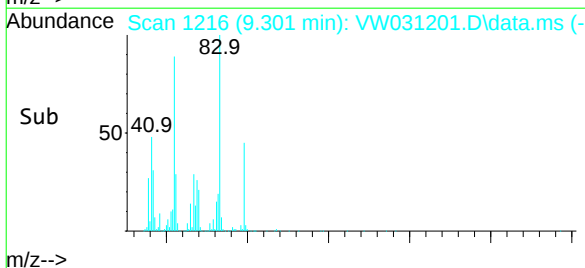
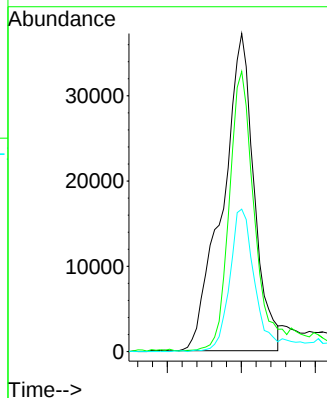
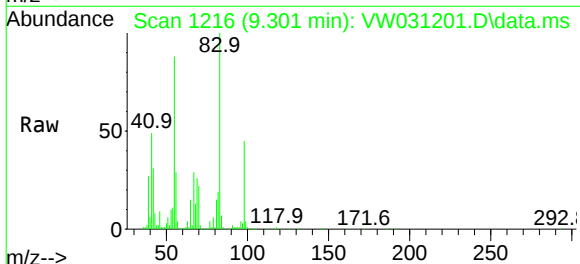
Tgt Ion: 83 Resp: 110543

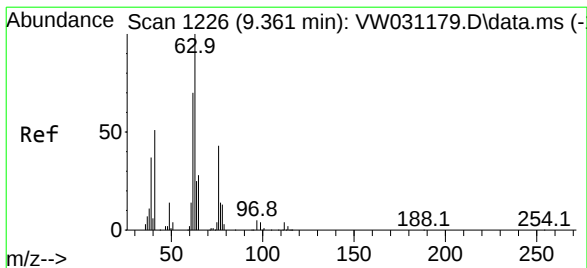
Ion Ratio Lower Upper

83 100

55 70.0 59.5 89.3

98 34.3 38.7 58.1#





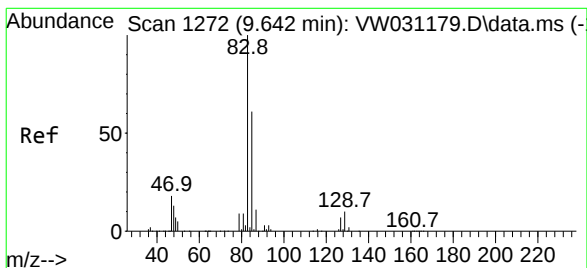
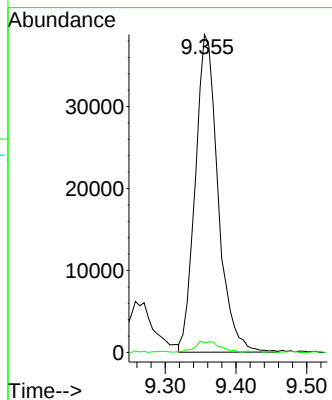
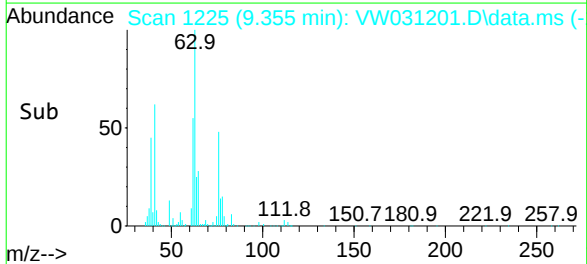
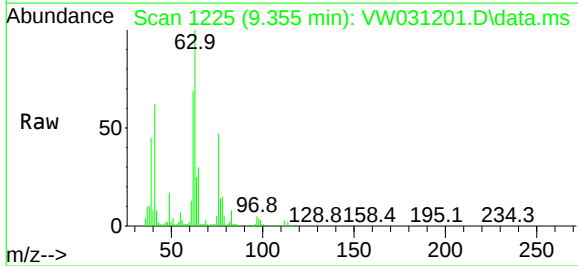
#37
1,2-Dichloropropane
Concen: 24.380 ug/L
RT: 9.355 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

Instrument :
MSVOA_W
ClientSampleId :
E28Q4MSD

Tgt Ion: 63 Resp: 86587
Ion Ratio Lower Upper
63 100
112 1.6 3.9 5.9#

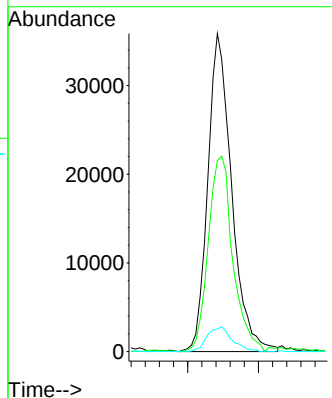
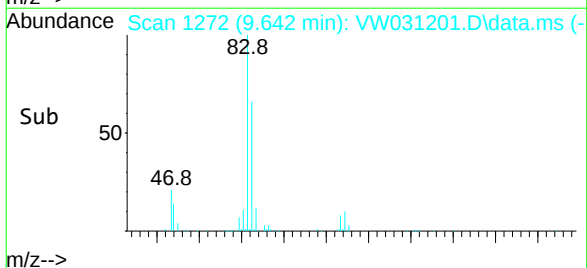
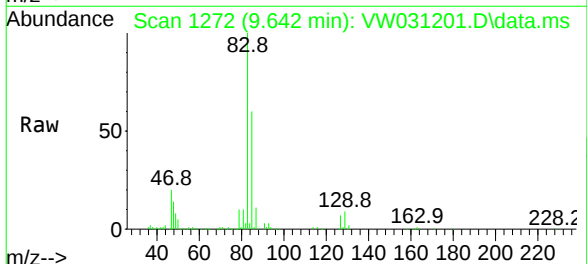
Manual Integrations
APPROVED

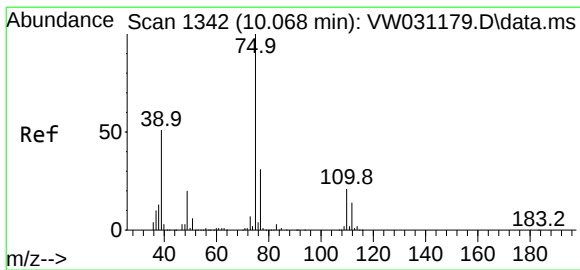
Reviewed By :Mahesh Dadoda 12/11/2024
Supervised By :Semsettin Yesilyurt 12/11/2024



#38
Bromodichloromethane
Concen: 18.061 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

Tgt Ion: 83 Resp: 83964
Ion Ratio Lower Upper
83 100
85 60.0 48.7 90.5
127 7.1 7.2 10.8#





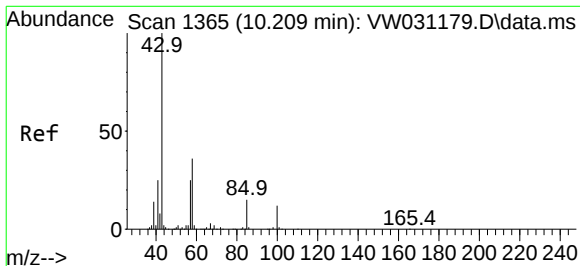
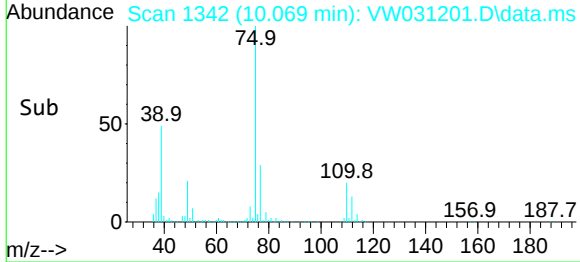
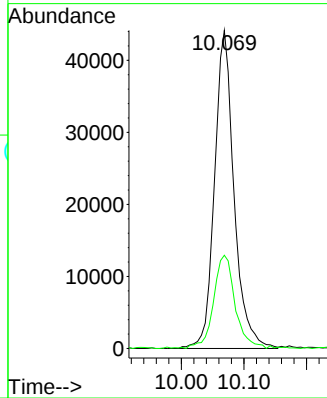
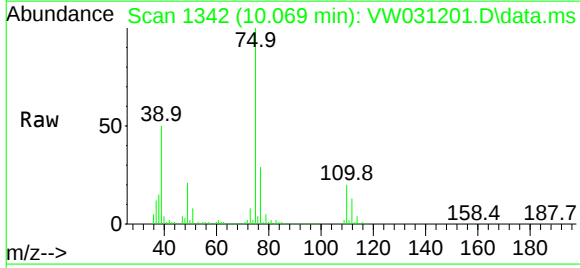
#39
cis-1,3-Dichloropropene
Concen: 17.812 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

Instrument :
MSVOA_W
ClientSampleId :
E28Q4MSD

Tgt Ion: 75 Resp: 95516
Ion Ratio Lower Upper
75 100
77 29.3 21.6 40.2

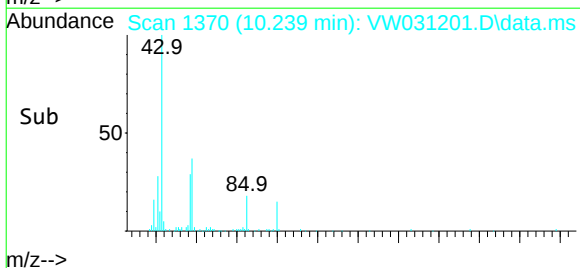
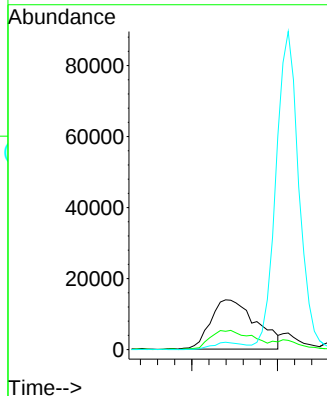
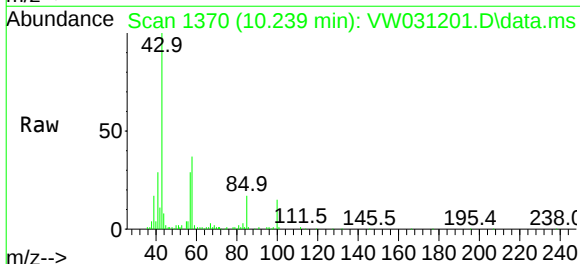
Manual Integrations
APPROVED

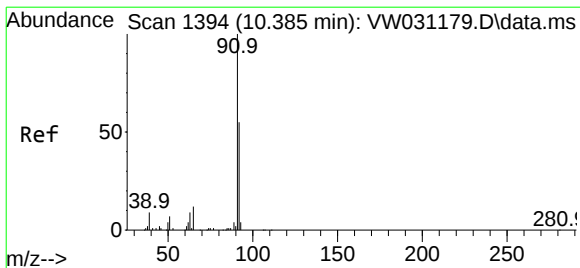
Reviewed By :Mahesh Dadoda 12/11/2024
Supervised By :Semsettin Yesilyurt 12/11/2024



#40
4-Methyl-2-pentanone
Concen: 32.110 ug/L
RT: 10.239 min Scan# 1370
Delta R.T. 0.031 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

Tgt Ion: 43 Resp: 51068
Ion Ratio Lower Upper
43 100
58 28.4 33.7 50.5#
100 10.7 14.2 21.2#





#42

Toluene

Concen: 39.151 ug/L

RT: 10.374 min Scan# 13

Delta R.T. -0.012 min

Lab File: VW031201.D

Acq: 10 Dec 2024 19:06

Instrument :

MSVOA_W

ClientSampleId :

E28Q4MSD

Tgt Ion: 91 Resp: 588830

Ion Ratio Lower Upper

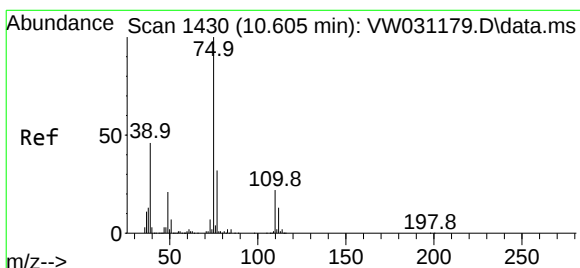
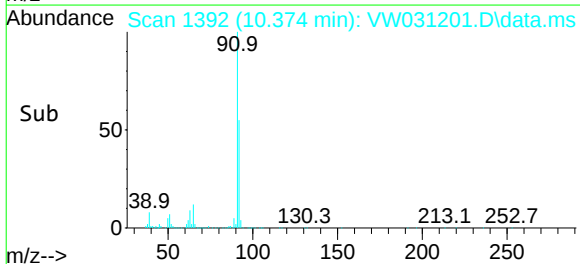
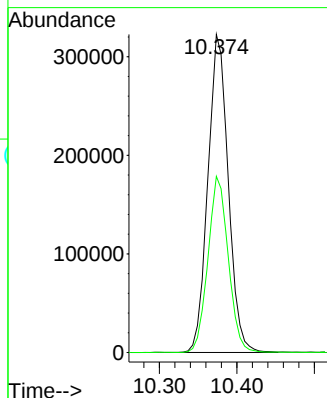
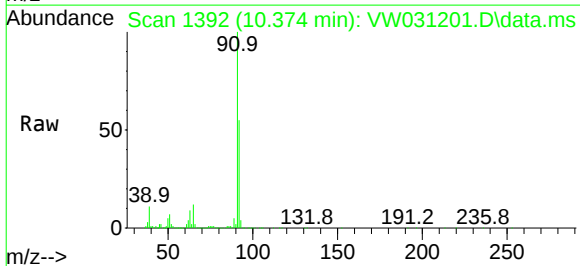
91 100

92 55.4 40.8 75.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/11/2024
Supervised By :Semsettin Yesilyurt 12/11/2024



#44

trans-1,3-Dichloropropene

Concen: 15.522 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031201.D

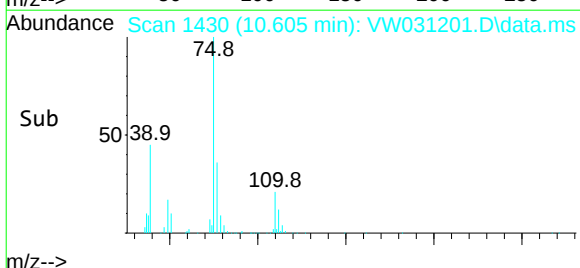
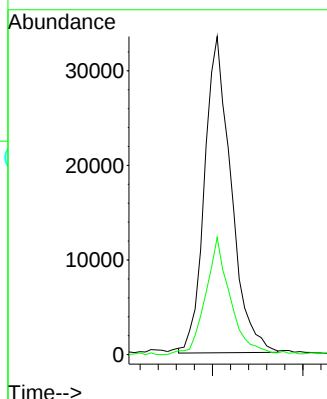
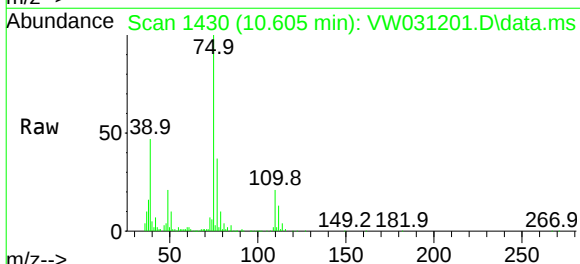
Acq: 10 Dec 2024 19:06

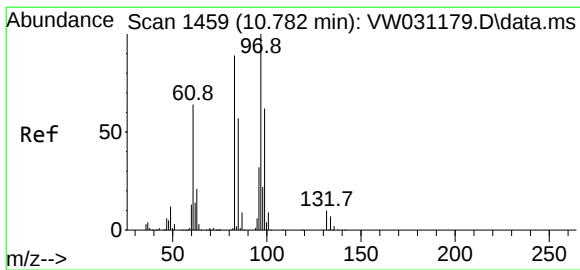
Tgt Ion: 75 Resp: 68430

Ion Ratio Lower Upper

75 100

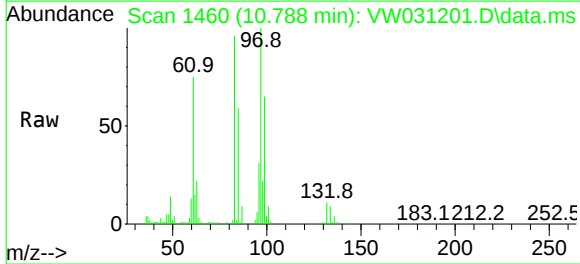
77 36.8 22.1 41.1





#45
1,1,2-Trichloroethane
Concen: 17.335 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

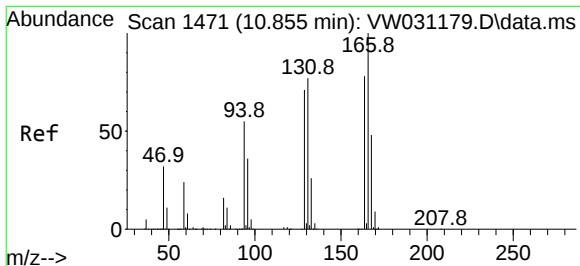
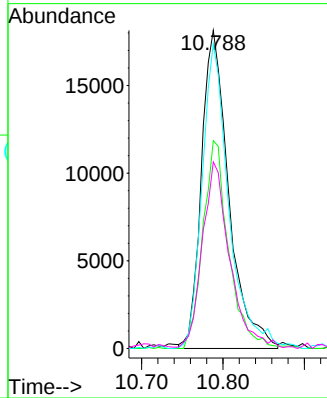
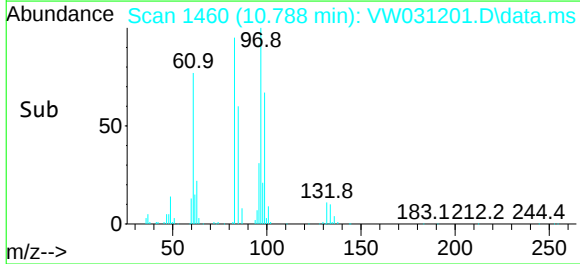
Instrument :
MSVOA_W
ClientSampleId :
E28Q4MSD



Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	42.4	78.8
83	95.8	57.8	107.4
85	58.7	36.6	68.0

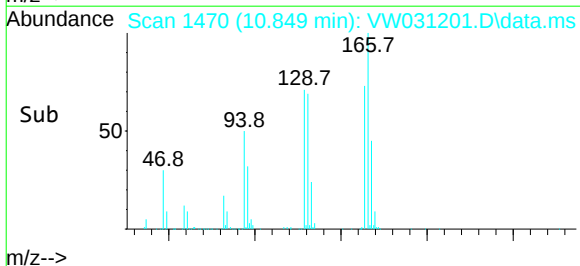
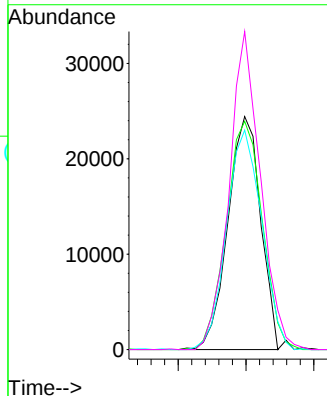
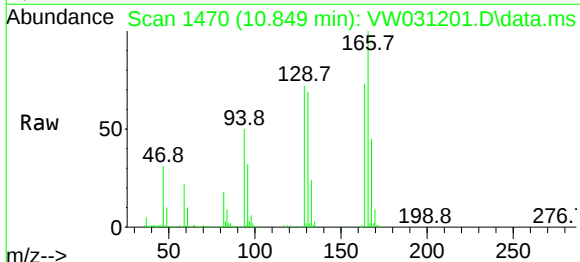
Manual Integrations
APPROVED

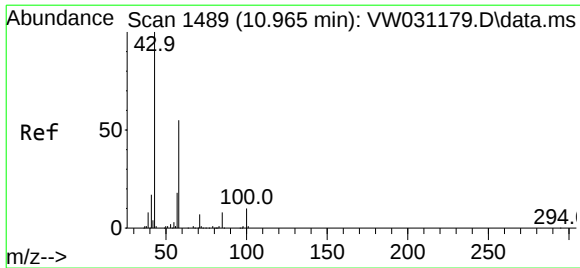
Reviewed By :Mahesh Dadoda 12/11/2024
Supervised By :Semsettin Yesilyurt 12/11/2024



#46
Tetrachloroethene
Concen: 13.950 ug/L
RT: 10.849 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

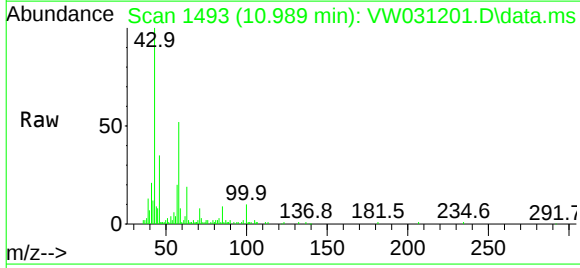
Tgt Ion	Ratio	Lower	Upper
164	100		
129	100.7	61.9	114.9
131	94.2	67.9	126.1
166	136.5	85.8	159.3





#48
2-Hexanone
Concen: 29.738 ug/L m
RT: 10.989 min Scan# 1489
Delta R.T. 0.025 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

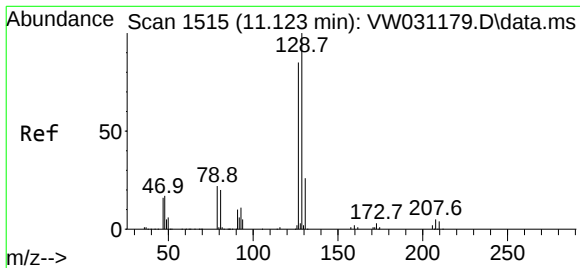
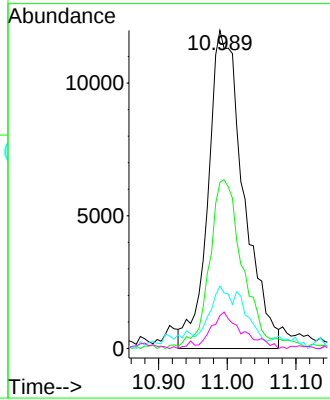
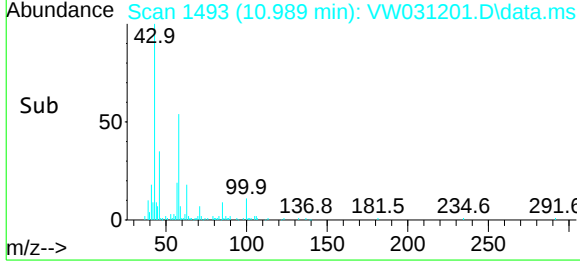
Instrument :
MSVOA_W
ClientSampleId :
E28Q4MSD



Tgt Ion: 43 Resp: 42790
Ion Ratio Lower Upper
43 100
58 47.3 49.8 74.6#
57 10.7 16.6 24.8#
100 7.2 11.4 17.2#

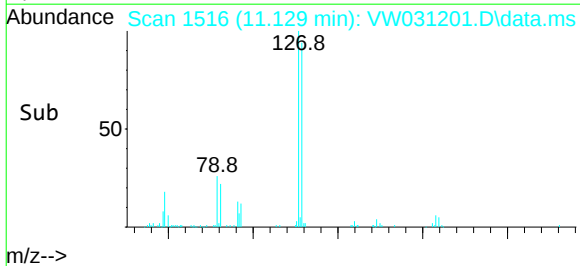
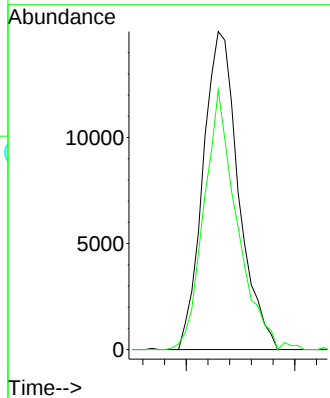
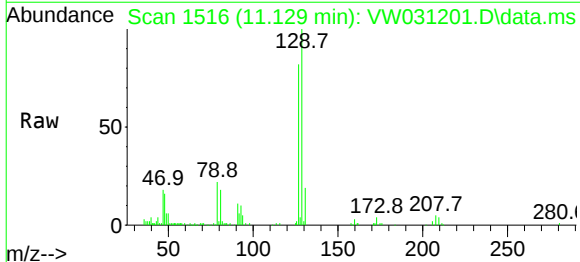
Manual Integrations
APPROVED

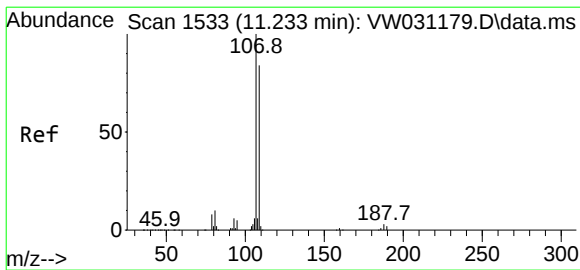
Reviewed By :Mahesh Dadoda 12/11/2024
Supervised By :Semsettin Yesilyurt 12/11/2024



#49
Dibromochloromethane
Concen: 12.702 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

Tgt Ion:129 Resp: 34154
Ion Ratio Lower Upper
129 100
127 85.8 51.4 95.4





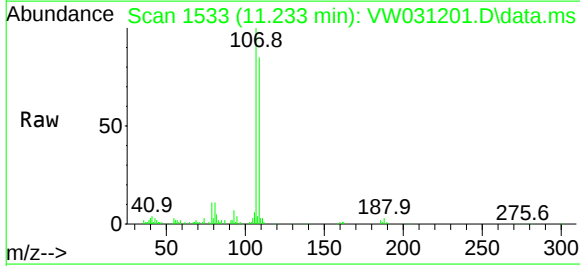
#50
1,2-Dibromoethane
Concen: 15.794 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

Instrument :

MSVOA_W

ClientSampleId :

E28Q4MSD

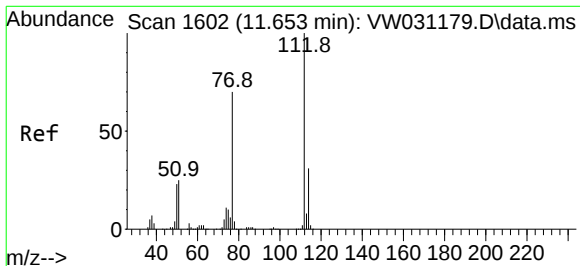
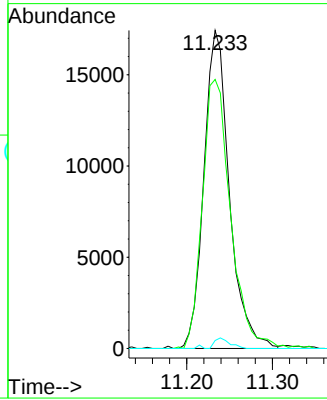
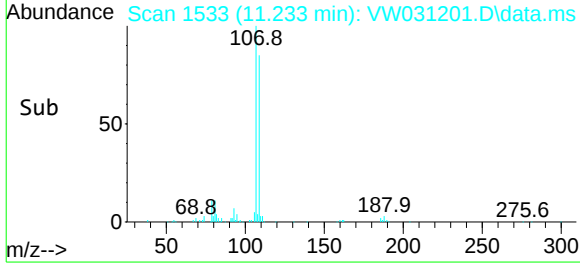


Tgt Ion:	107	Resp:	36026
Ion Ratio	Lower	Upper	
107	100		
109	87.4	71.0	131.9
188	2.5	3.0	4.4

Manual Integrations

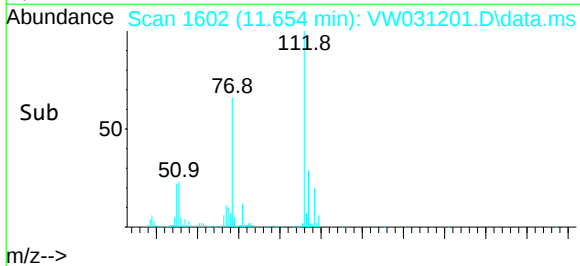
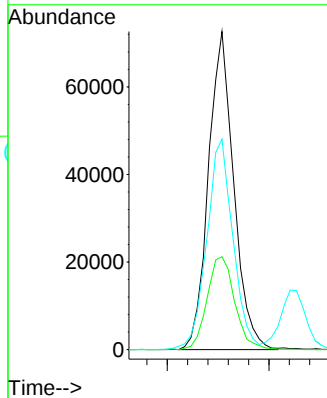
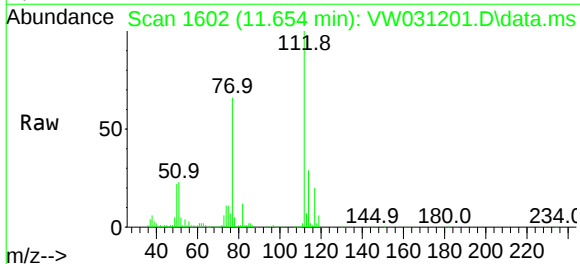
APPROVED

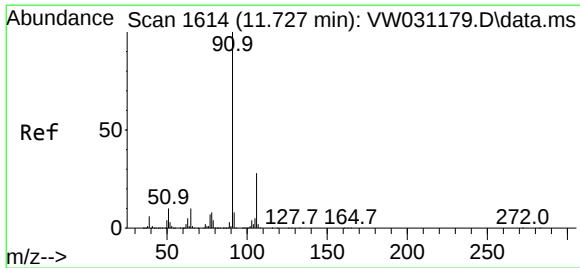
Reviewed By :Mahesh Dadoda 12/11/2024
Supervised By :Semsettin Yesilyurt 12/11/2024



#51
Chlorobenzene
Concen: 13.066 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

Tgt Ion:	112	Resp:	125442
Ion Ratio	Lower	Upper	
112	100		
114	29.2	21.2	39.4
77	66.1	45.4	68.0





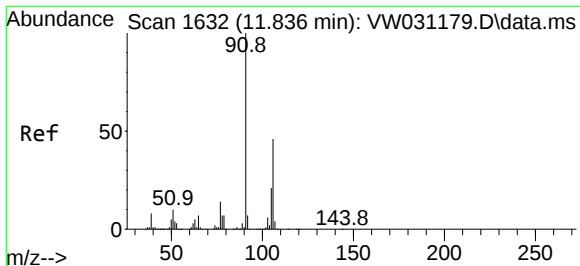
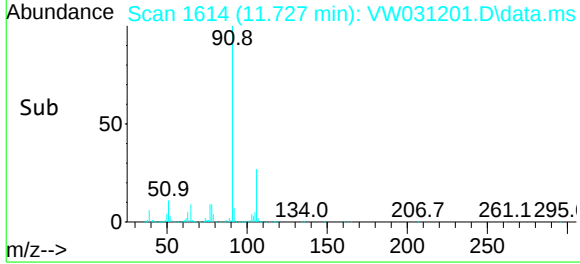
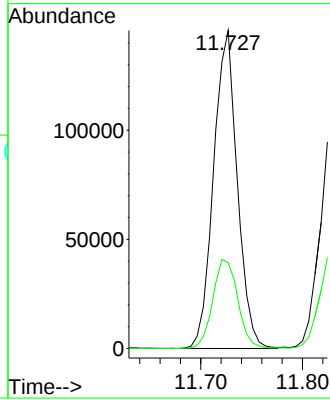
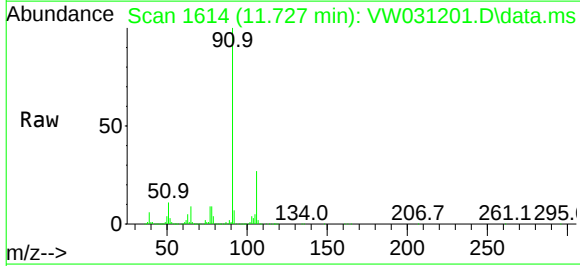
#52
Ethylbenzene
Concen: 13.847 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

Instrument :
MSVOA_W
ClientSampleId :
E28Q4MSD

Tgt Ion: 91 Resp: 235991
Ion Ratio Lower Upper
91 100
106 27.0 21.3 39.5

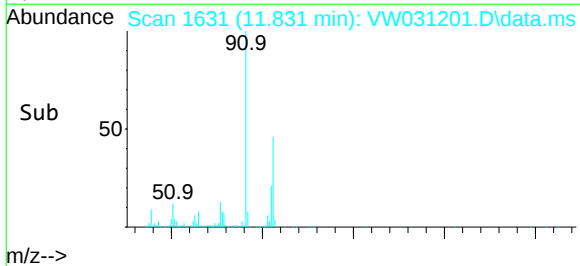
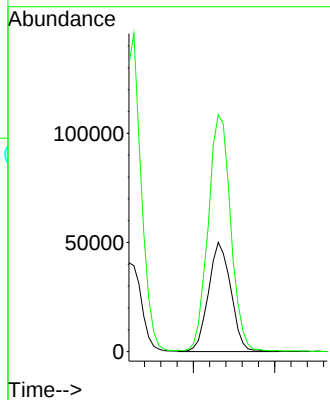
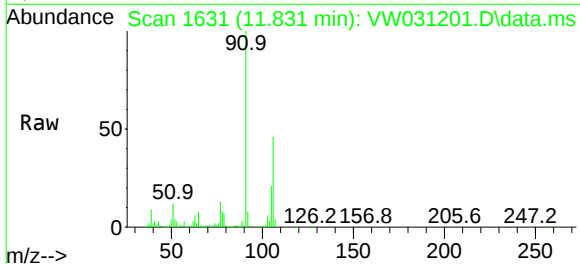
Manual Integrations
APPROVED

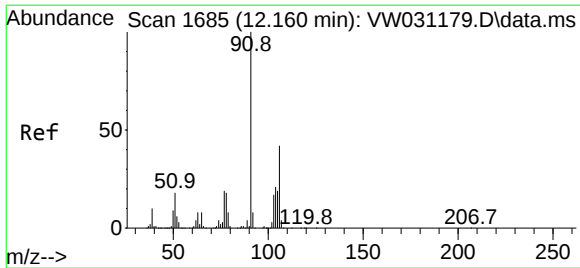
Reviewed By :Mahesh Dadoda 12/11/2024
Supervised By :Semsettin Yesilyurt 12/11/2024



#53
m,p-Xylene
Concen: 15.088 ug/L
RT: 11.831 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

Tgt Ion:106 Resp: 95706
Ion Ratio Lower Upper
106 100
91 216.8 140.9 261.7





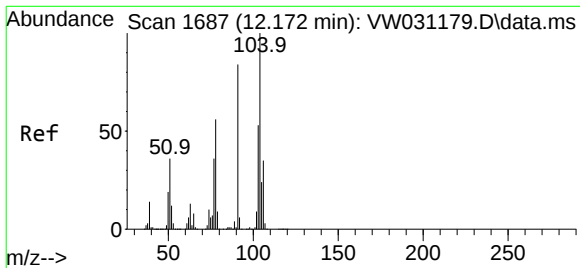
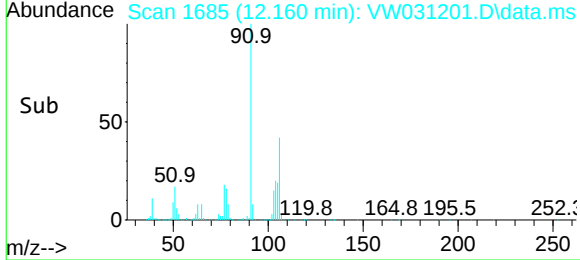
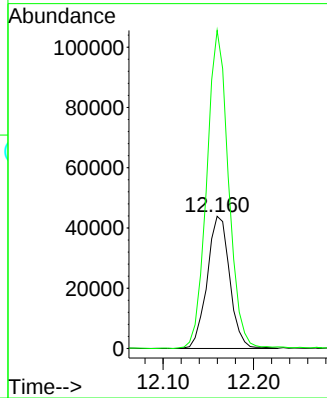
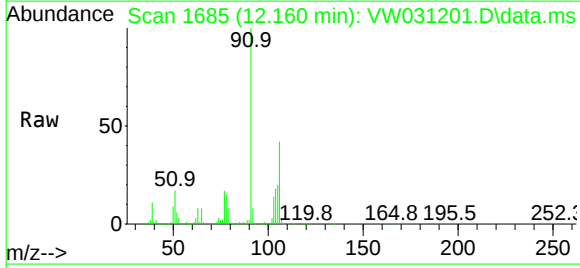
#54
o-Xylene
Concen: 12.878 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

Instrument :
MSVOA_W
ClientSampleId :
E28Q4MSD

Tgt Ion:106 Resp: 75995
Ion Ratio Lower Upper
106 100
91 240.6 152.7 283.5

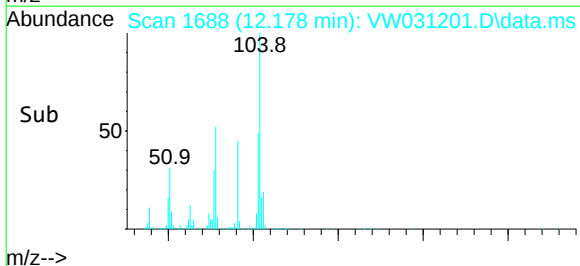
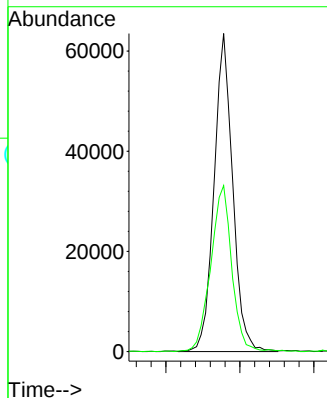
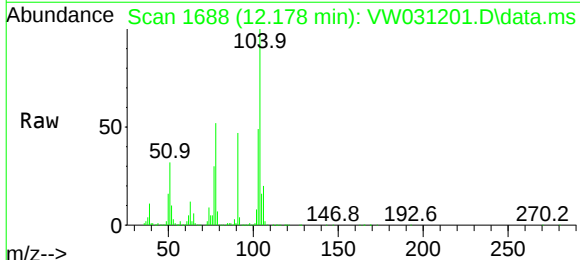
Manual Integrations
APPROVED

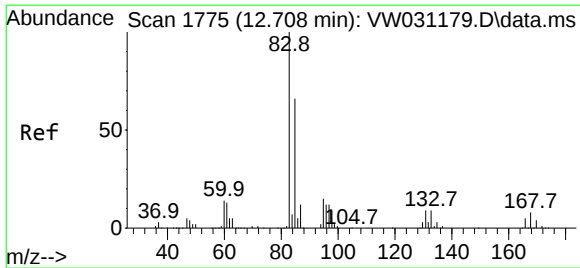
Reviewed By :Mahesh Dadoda 12/11/2024
Supervised By :Semsettin Yesilyurt 12/11/2024



#55
Styrene
Concen: 11.175 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

Tgt Ion:104 Resp: 111009
Ion Ratio Lower Upper
104 100
78 52.2 30.2 56.0





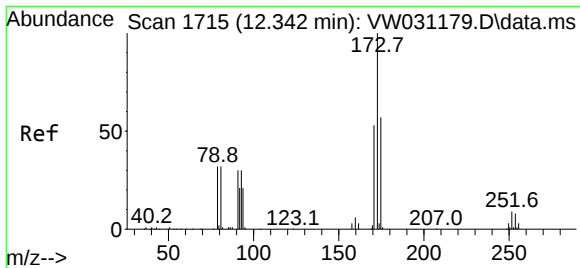
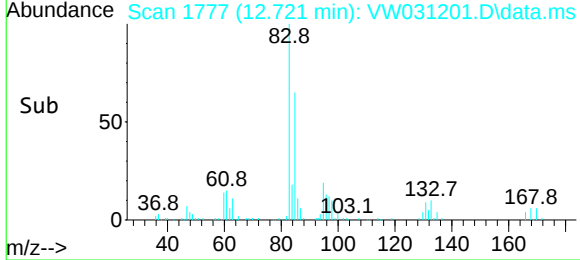
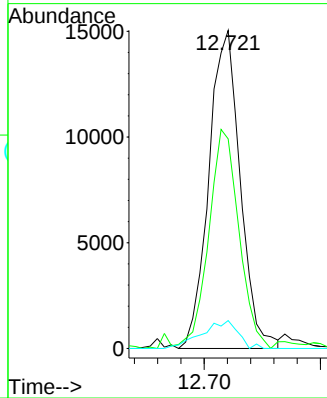
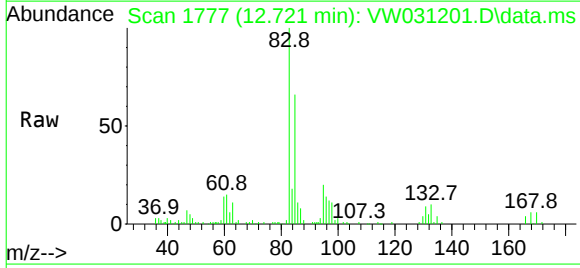
#57
1,1,2,2-Tetrachloroethane
Concen: 10.660 ug/L
RT: 12.721 min Scan# 1777
Delta R.T. 0.012 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

Instrument : MSVOA_W
ClientSampleId : E28Q4MSD

Tgt Ion	83	Resp	28186
Ion Ratio	Lower	Upper	
83	100		
85	65.9	48.3	89.7
131	8.8	8.9	13.3

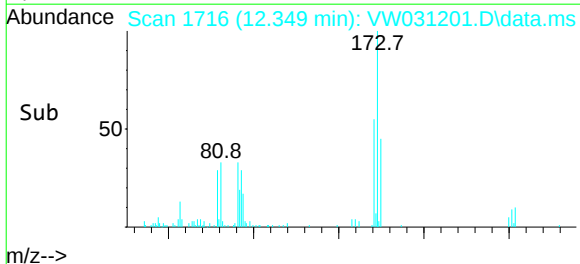
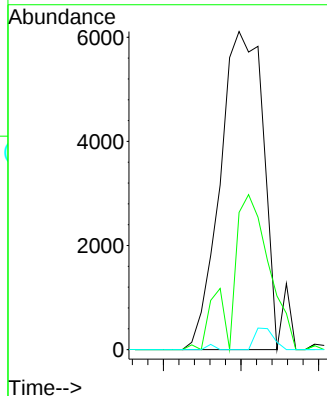
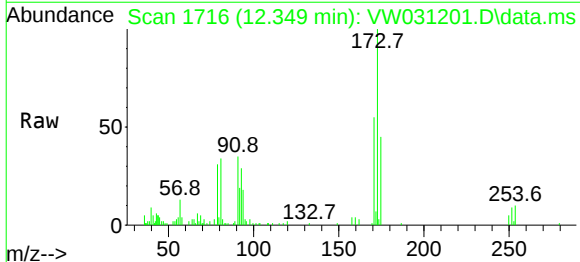
Manual Integrations
APPROVED

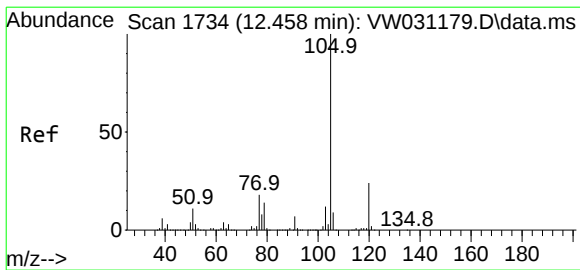
Reviewed By :Mahesh Dadoda 12/11/2024
Supervised By :Semsettin Yesilyurt 12/11/2024



#59
Bromoform
Concen: 18.491 ug/L m
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

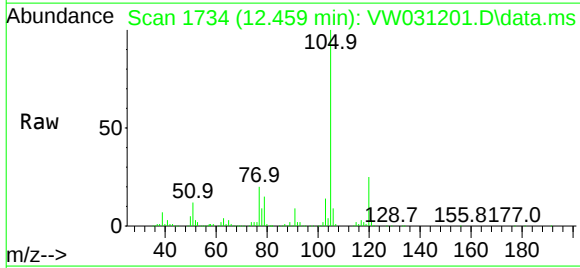
Tgt Ion	173	Resp	11723
Ion Ratio	Lower	Upper	
173	100		
175	36.2	36.6	54.8
254	3.0	7.7	11.5





#60
Isopropylbenzene
Concen: 21.440 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

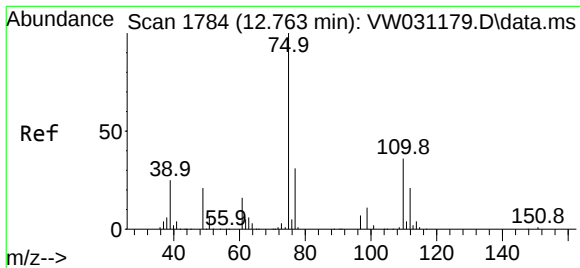
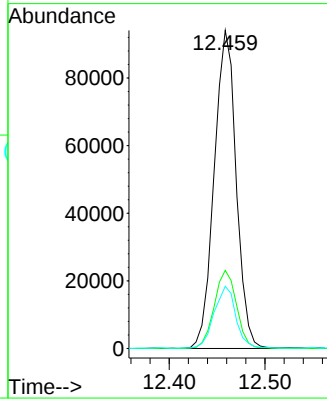
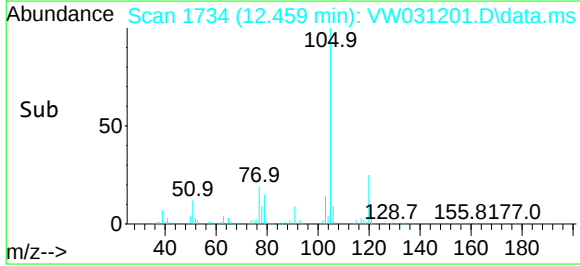
Instrument :
MSVOA_W
ClientSampleId :
E28Q4MSD



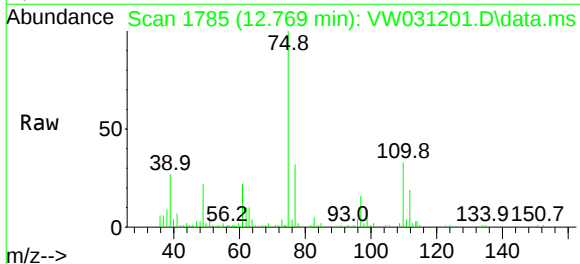
Tgt Ion:	105	Resp:	150161
Ion Ratio	Lower	Upper	
105	100		
120	24.9	21.5	32.3
77	19.5	12.3	18.5

Manual Integrations APPROVED

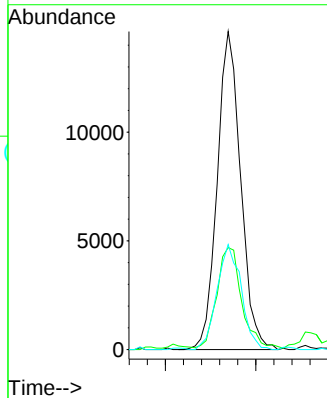
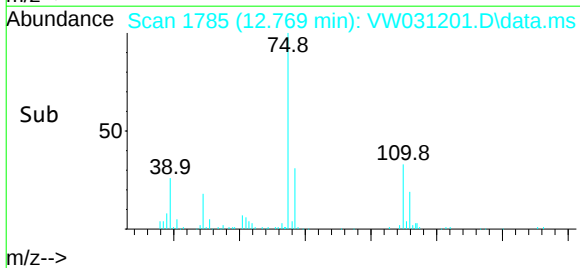
Reviewed By :Mahesh Dadoda 12/11/2024
Supervised By :Semsettin Yesilyurt 12/11/2024

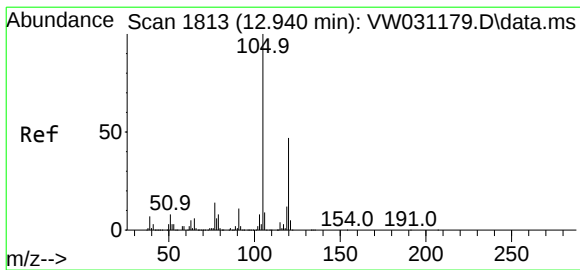


#61
1,2,3-Trichloropropane
Concen: 32.489 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06



Tgt Ion:	75	Resp:	26338
Ion Ratio	Lower	Upper	
75	100		
77	33.5	25.4	38.2
110	34.1	33.1	49.7





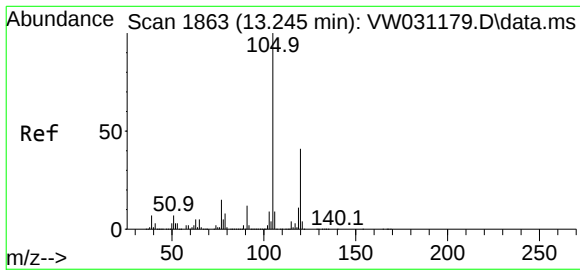
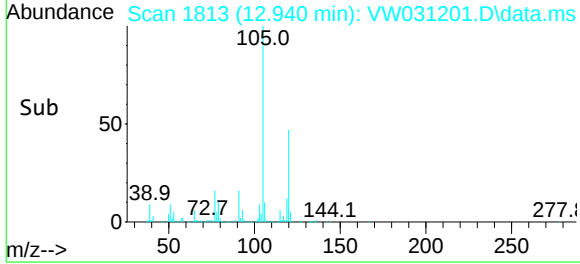
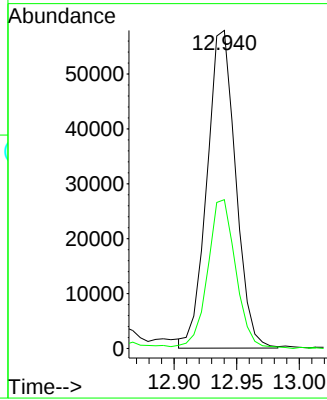
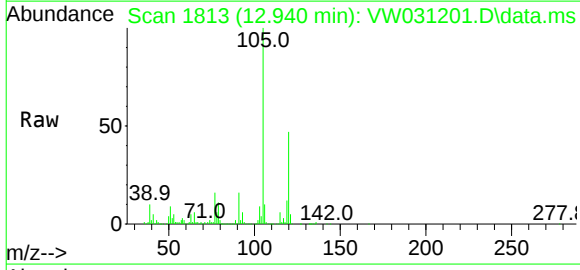
#62
1,3,5-Trimethylbenzene
Concen: 16.713 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

Instrument :
MSVOA_W
ClientSampleId :
E28Q4MSD

Tgt Ion:105 Resp: 92175
Ion Ratio Lower Upper
105 100
120 46.0 40.5 60.7

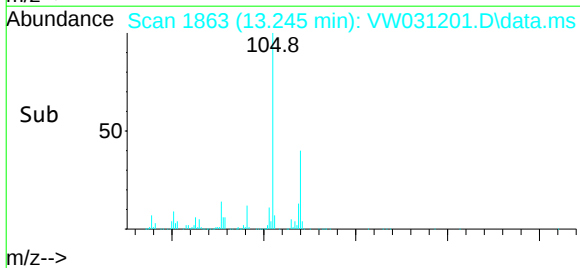
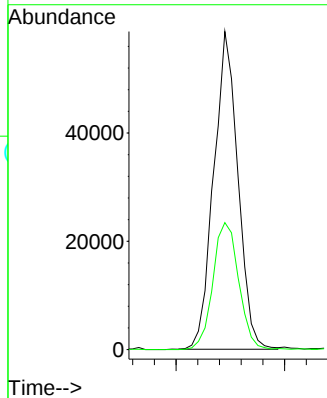
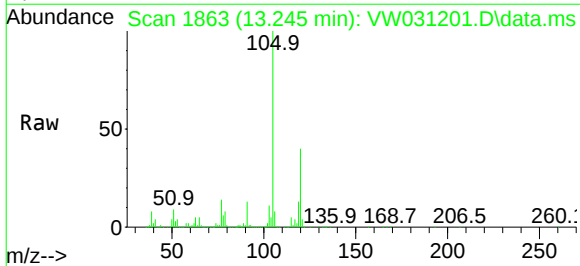
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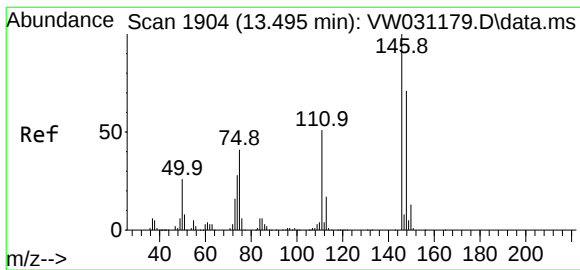
Reviewed By :Mahesh Dadoda 12/11/2024
Supervised By :Semsettin Yesilyurt 12/11/2024



#63
1,2,4-Trimethylbenzene
Concen: 16.809 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

Tgt Ion:105 Resp: 91066
Ion Ratio Lower Upper
105 100
120 42.5 35.4 53.0





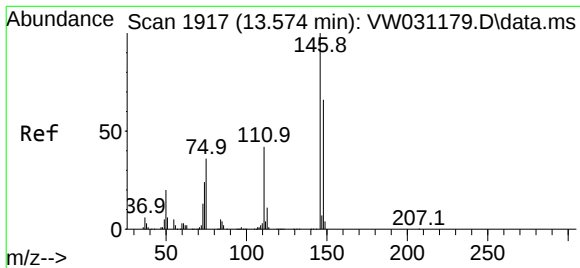
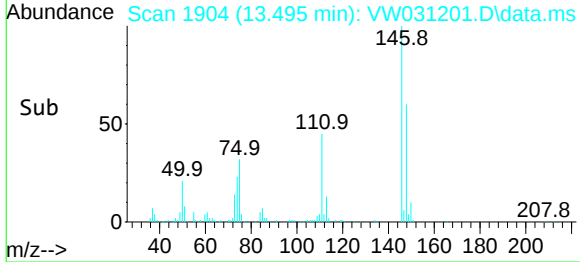
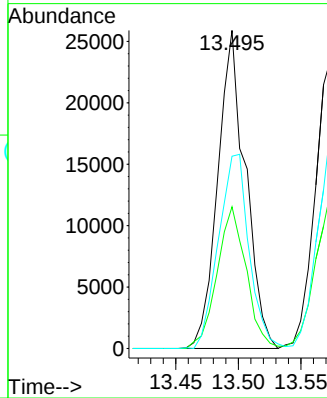
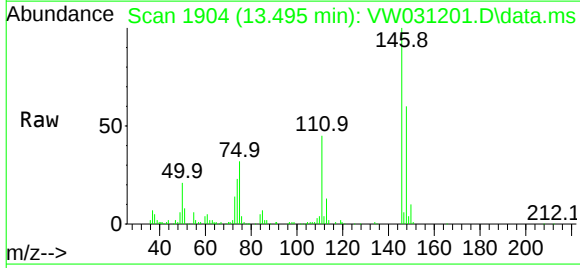
#64
1,3-Dichlorobenzene
Concen: 13.039 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

Instrument :
MSVOA_W
ClientSampleId :
E28Q4MSD

Tgt Ion:	146	Resp:	39825
Ion	Ratio	Lower	Upper
146	100		
111	41.9	28.5	52.9
148	56.8	44.1	81.9

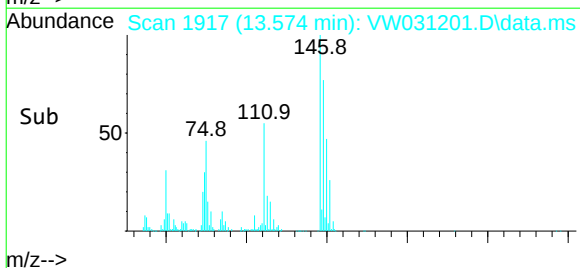
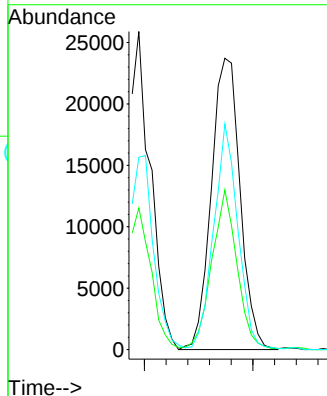
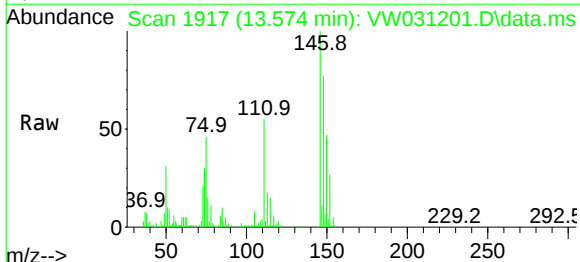
Manual Integrations
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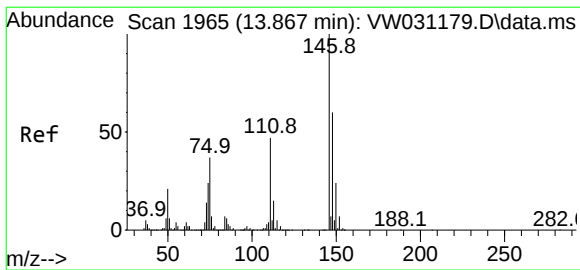
Reviewed By :Mahesh Dadoda 12/11/2024
Supervised By :Semsettin Yesilyurt 12/11/2024



#65
1,4-Dichlorobenzene
Concen: 14.194 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

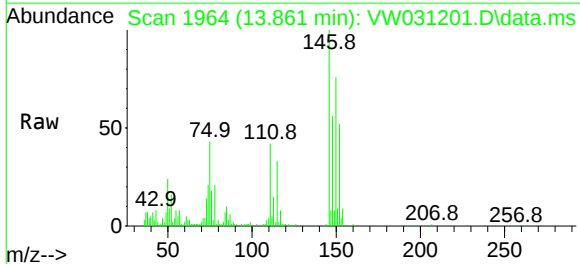
Tgt Ion:	146	Resp:	43791
Ion	Ratio	Lower	Upper
146	100		
111	54.8	26.6	49.4
148	77.4	42.1	78.1





#67
 1,2-Dichlorobenzene
 Concen: 13.813 ug/L
 RT: 13.861 min Scan# 1964
 Delta R.T. -0.006 min
 Lab File: VW031201.D
 Acq: 10 Dec 2024 19:06

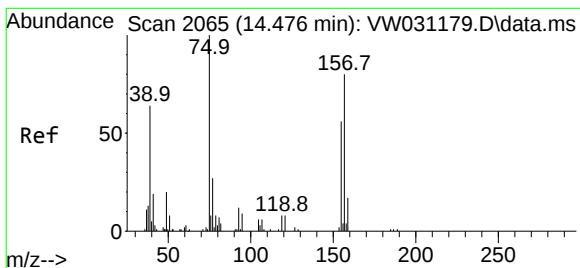
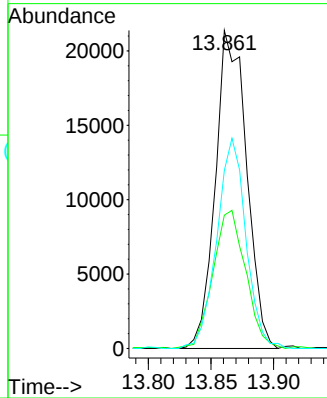
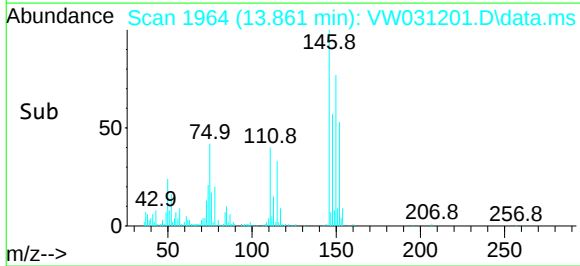
Instrument : MSVOA_W
 ClientSampleId : E28Q4MSD



Tgt Ion:	146	Resp:	36905
Ion Ratio	Lower	Upper	
146	100		
111	41.9	30.9	46.3
148	56.0	50.0	75.0

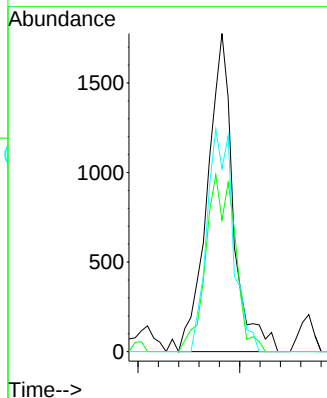
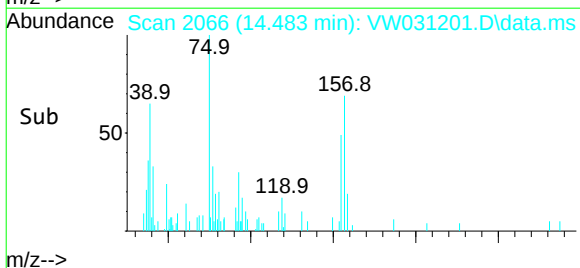
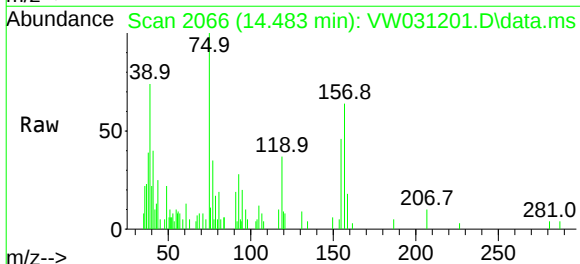
Manual Integrations
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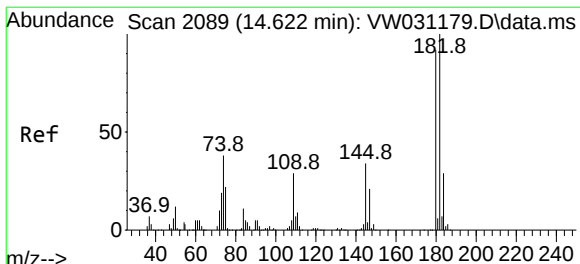
Reviewed By :Mahesh Dadoda 12/11/2024
 Supervised By :Semsettin Yesilyurt 12/11/2024



#68
 1,2-Dibromo-3-chloropropane
 Concen: 17.872 ug/L
 RT: 14.483 min Scan# 2066
 Delta R.T. 0.006 min
 Lab File: VW031201.D
 Acq: 10 Dec 2024 19:06

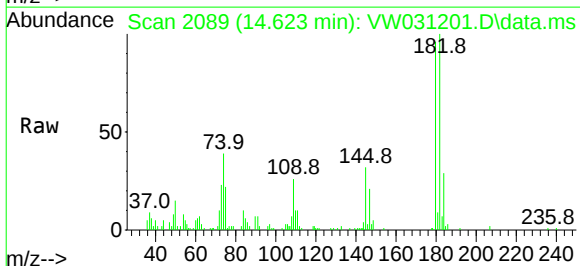
Tgt Ion:	75	Resp:	3146
Ion Ratio	Lower	Upper	
75	100		
155	41.3	63.1	94.7#
157	57.5	82.1	123.1#





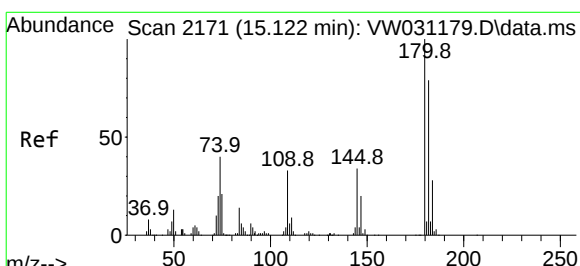
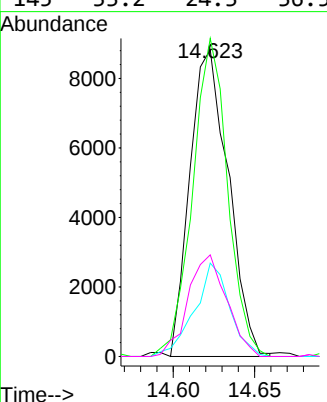
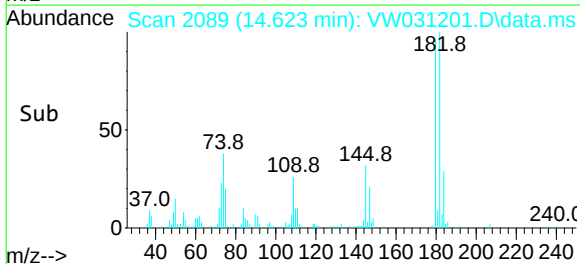
#69
 1,3,5-Trichlorobenzene
 Concen: 6.990 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW031201.D
 Acq: 10 Dec 2024 19:06

Instrument : MSVOA_W
 ClientSampleId : E28Q4MSD

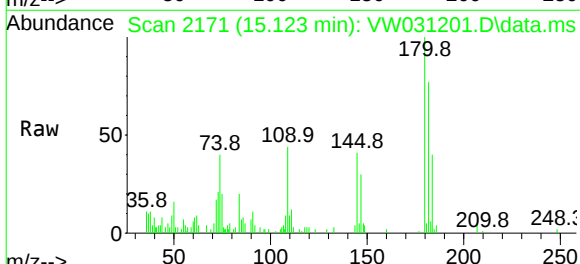


Tgt Ion:	180	Resp:	14506
Ion Ratio	Lower	Upper	
180	100		
182	94.3	78.2	117.2
184	27.9	24.0	36.0
145	33.2	24.3	36.5

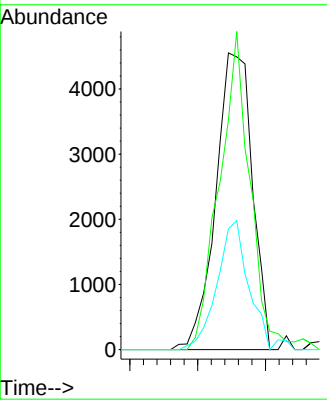
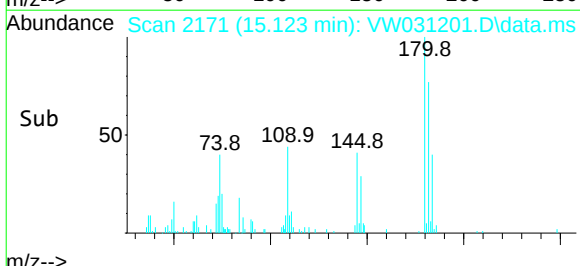
Manual Integrations
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 Reviewed By :Mahesh Dadoda 12/11/2024
 Supervised By :Semsettin Yesilyurt 12/11/2024

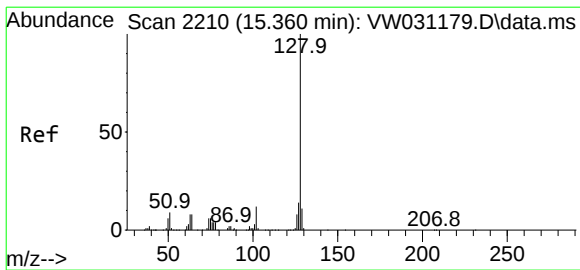


#70
 1,2,4-trichlorobenzene
 Concen: 5.229 ug/L
 RT: 15.123 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VW031201.D
 Acq: 10 Dec 2024 19:06



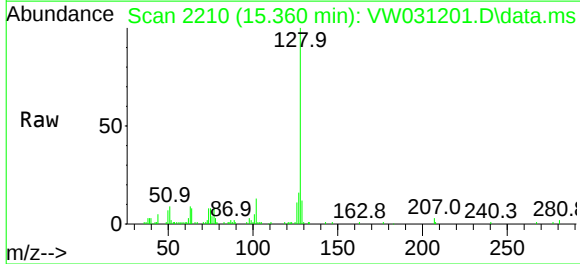
Tgt Ion:	180	Resp:	8509
Ion Ratio	Lower	Upper	
180	100		
182	89.7	76.1	114.1
145	37.2	25.7	38.5





#71
Naphthalene
Concen: 7.779 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

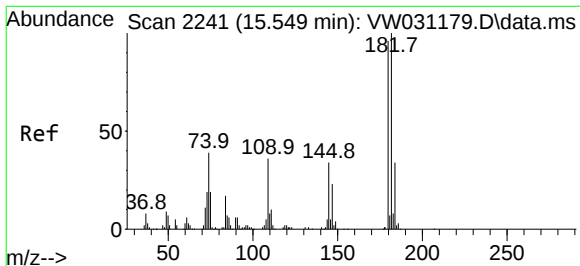
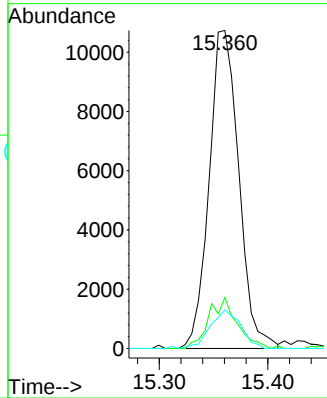
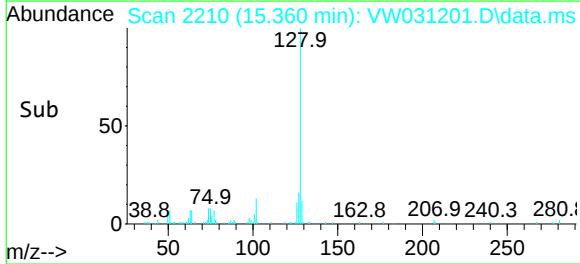
Instrument :
MSVOA_W
ClientSampleId :
E28Q4MSD



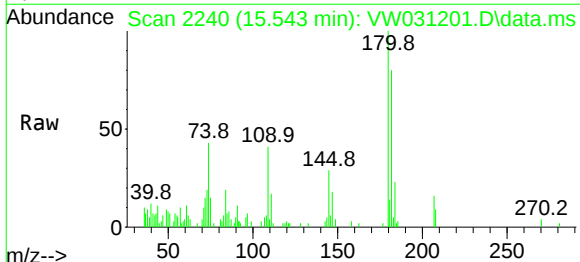
Tgt Ion	128	Resp	20394
Ratio	100		
Lower	10.4		
Upper	15.6		
127	15.2	8.3	12.5
129	12.5		

Manual Integrations
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Reviewed By :Mahesh Dadoda 12/11/2024
Supervised By :Semsettin Yesilyurt 12/11/2024



#72
1,2,3-Trichlorobenzene
Concen: 3.804 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06



Tgt Ion	180	Resp	5299
Ratio	100		
Lower	78.7		
Upper	118.1		
182	77.0	26.3	39.5
145	31.2		

