

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101923\
 Data File : VW027359.D
 Acq On : 19 Oct 2023 19:36
 Operator : SY/MD
 Sample : 04953-10MSD
 Misc : 4.25g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EOAT5MSD

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/20/2023
 Supervised By : Mahesh Dadoda 10/20/2023

Quant Time: Oct 20 02:53:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 20 02:46:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	410562	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	299266	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	100278	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	122646	19.574	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	78.280%		
7) Chloroethane-d5	2.899	69	94586	21.024	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	84.080%		
11) 1,1-Dichloroethene-d2	4.027	65	56448	17.979	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	71.920%		
21) 2-Butanone-d5	7.081	46	54951	26.386	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	52.780%		
24) Chloroform-d	7.654	84	236441	19.322	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	77.280%		
26) 1,2-Dichloroethane-d4	8.306	65	135717	20.647	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	82.600%		
32) Benzene-d6	8.276	84	468417	23.135	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	92.520%		
36) 1,2-Dichloropropane-d6	9.276	67	150967	24.411	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	97.640%		
41) Toluene-d8	10.324	98	357561	19.474	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	77.880%		
43) trans-1,3-Dichloroprop...	10.574	79	50427	17.884	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	71.520%		
47) 2-Hexanone-d5	10.922	63	44017	34.401	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	68.800%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	104751	22.702	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	90.800%		
66) 1,2-Dichlorobenzene-d4	13.848	152	60575	16.669	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	66.680%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.021	85	97350	19.928	ug/L	98
3) Chloromethane	2.228	50	128014	22.803	ug/L	100
5) Vinyl chloride	2.381	62	141223	22.521	ug/L	99
6) Bromomethane	2.795	94	66353	18.577	ug/L	97
8) Chloroethane	2.935	64	82942	22.978	ug/L	96
9) Trichlorofluoromethane	3.271	101	102154	23.091	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	97548	17.609	ug/L	96
12) 1,1-Dichloroethene	4.039	96	108092	20.078	ug/L	98
13) Acetone	4.130	43	77223	42.931	ug/L	96
14) Carbon disulfide	4.393	76	276393	16.561	ug/L	99
15) Methyl Acetate	4.673	43	61605m	20.052	ug/L	
16) Methylene chloride	4.917	84	147643	19.646	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	113210	19.566	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	248471	24.891	ug/L	99
19) 1,1-Dichloroethane	6.221	63	258134	21.867	ug/L	97
20) cis-1,2-Dichloroethene	7.172	96	133945	20.499	ug/L	96
22) 2-Butanone	7.179	43	104027	38.637	ug/L	95
23) Bromochloromethane	7.514	128	58827	21.807	ug/L	90
25) Chloroform	7.678	83	240117	21.733	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	168837	22.496	ug/L	99
29) Cyclohexane	7.959	56	161359	17.758	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	187091	25.629	ug/L	98
31) Carbon tetrachloride	8.069	117	137475	20.885	ug/L	98
33) Benzene	8.325	78	500395	25.585	ug/L	100
34) Trichloroethene	9.093	95	112252	21.728	ug/L	95
35) Methylcyclohexane	9.337	83	118599	12.837	ug/L	99
37) 1,2-Dichloropropane	9.367	63	141613	26.779	ug/L	99
38) Bromodichloromethane	9.648	83	153699	23.636	ug/L	98
39) cis-1,3-Dichloropropene	10.074	75	166780	19.092	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	203445	55.940	ug/L	100
42) Toluene	10.385	91	451159	21.989	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	152450	20.683	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	97402	26.766	ug/L	96
46) Tetrachloroethene	10.861	164	60090	16.845	ug/L	87
48) 2-Hexanone	10.964	43	142409	52.905	ug/L	93
49) Dibromochloromethane	11.123	129	87002	21.528	ug/L	95
50) 1,2-Dibromoethane	11.233	107	83435	23.648	ug/L	98
51) Chlorobenzene	11.653	112	242258	18.856	ug/L	99
52) Ethylbenzene	11.727	91	481861	20.211	ug/L	98
53) m,p-Xylene	11.836	106	158895	17.571	ug/L	99
54) o-Xylene	12.166	106	155866	17.999	ug/L	97
55) Styrene	12.178	104	255500	17.276	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	108811	24.494	ug/L	96
59) Bromoform	12.342	173	41462	27.787	ug/L	99
60) Isopropylbenzene	12.458	105	381136	24.194	ug/L #	96
61) 1,2,3-Trichloropropane	12.769	75	86652	39.575	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	277590	21.125	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	268671	20.897	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	112171	17.559	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	117827	18.470	ug/L	100
67) 1,2-Dichlorobenzene	13.866	146	109047	19.237	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	16835	30.764	ug/L	92
69) 1,3,5-Trichlorobenzene	14.622	180	46666	11.253	ug/L	99
70) 1,2,4-trichlorobenzene	15.122	180	35690	10.112	ug/L	97
71) Naphthalene	15.360	128	123735	17.047	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	29765	10.255	ug/L	93

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

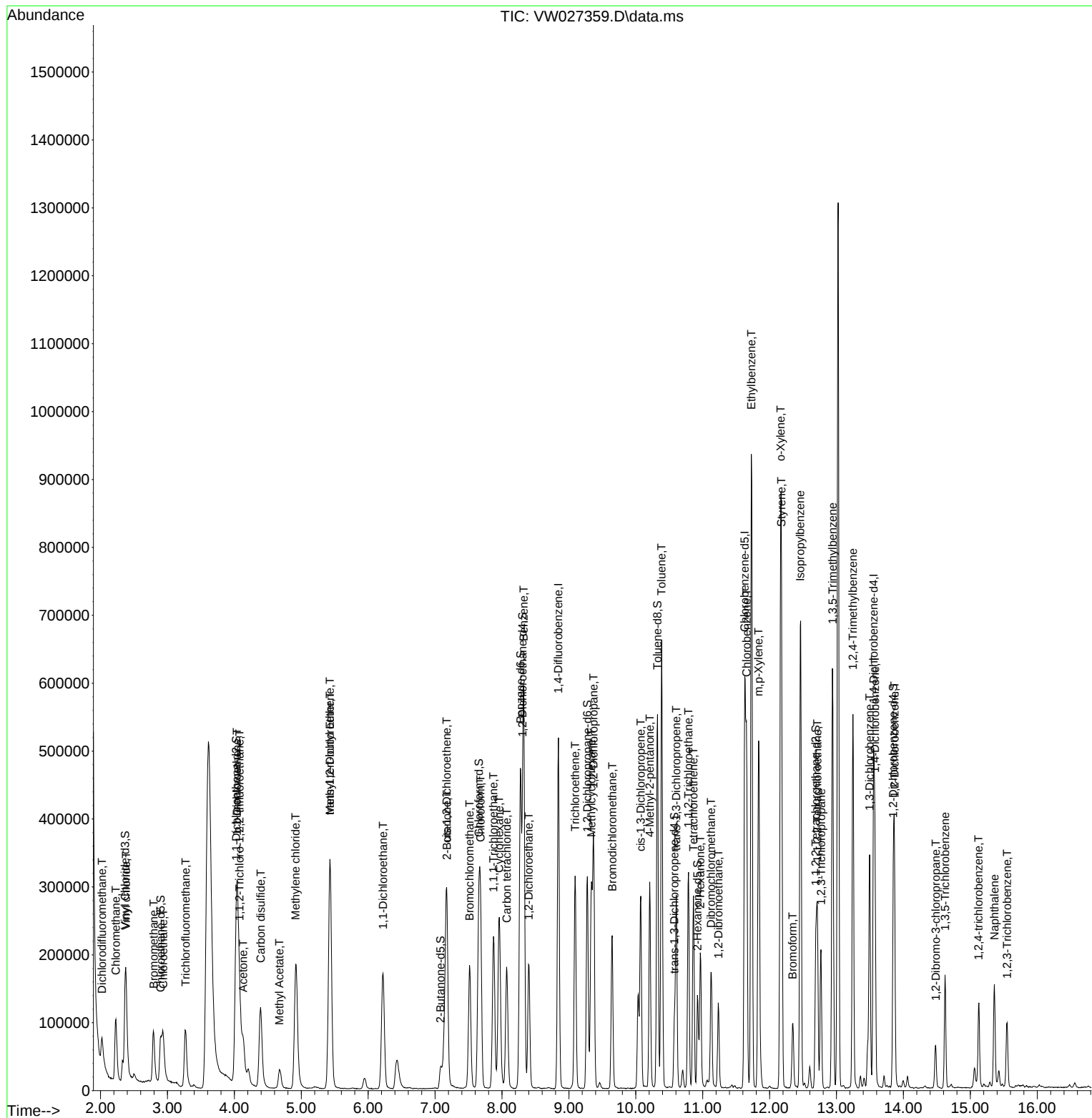
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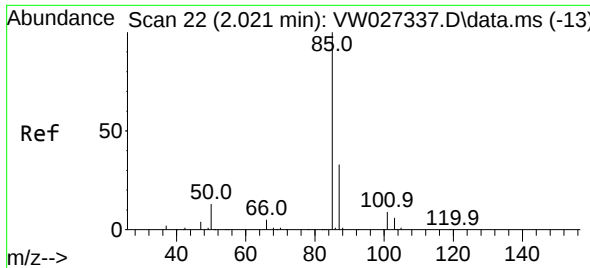
Instrument :
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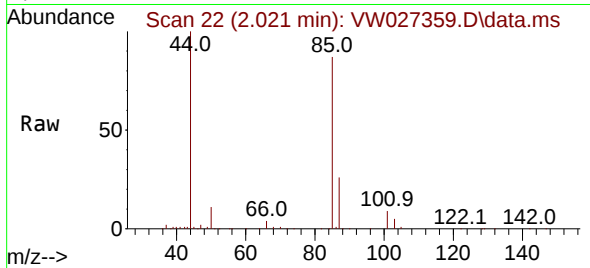
Reviewed By : Semsettin Yesilyurt 10/20/2023
 Supervised By : Mahesh Dadoda 10/20/2023





#2
Dichlorodifluoromethane
Concen: 19.928 ug/L
RT: 2.021 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

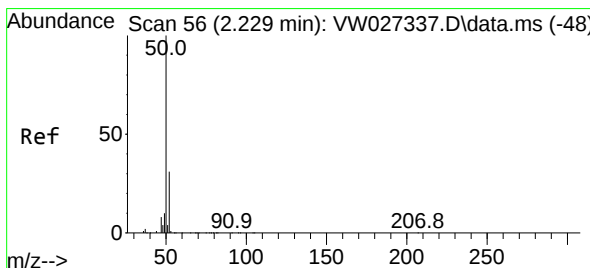
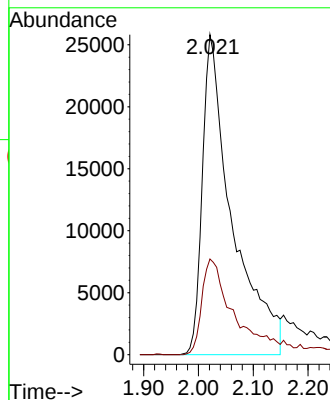
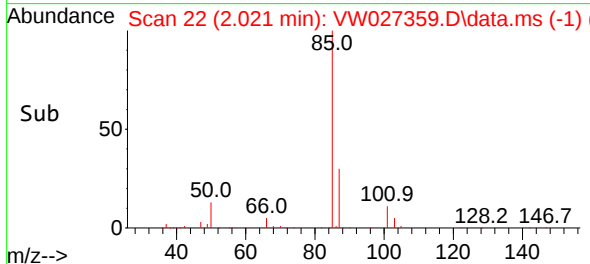
Instrument :
MSVOA_W
ClientSampleId :
EOAT5MSD



Tgt Ion: 85 Resp: 97350
Ion Ratio Lower Upper
85 100
87 21.8 18.3 27.5

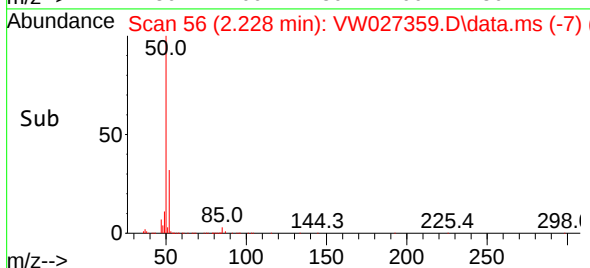
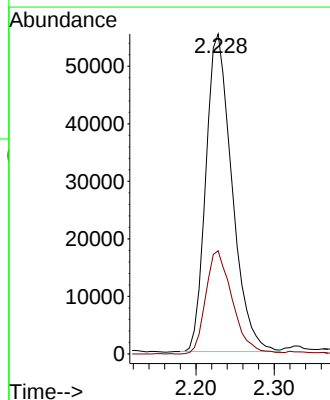
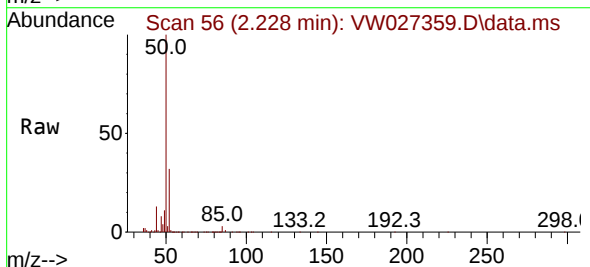
Manual Integrations
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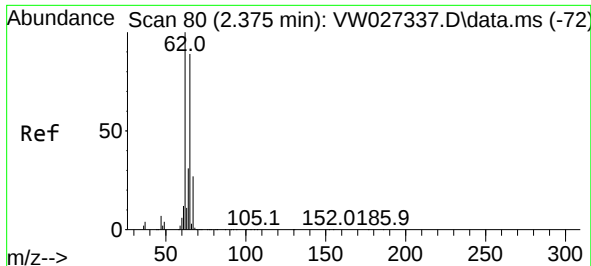
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#3
Chloromethane
Concen: 22.803 ug/L
RT: 2.228 min Scan# 56
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

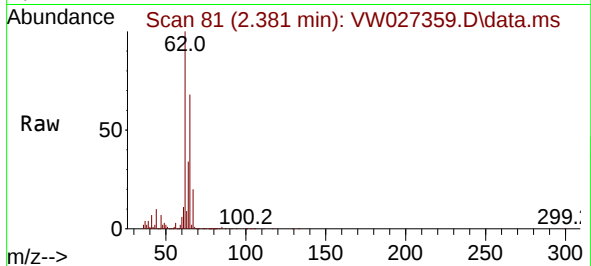
Tgt Ion: 50 Resp: 128014
Ion Ratio Lower Upper
50 100
52 32.2 22.7 42.3





#5
 Vinyl chloride
 Concen: 22.521 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW027359.D
 Acq: 19 Oct 2023 19:36

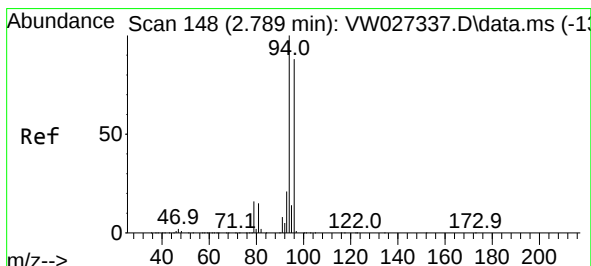
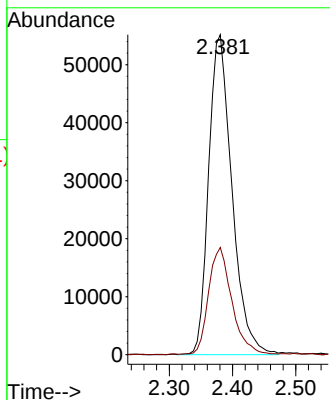
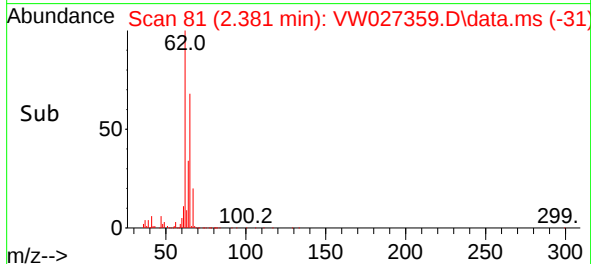
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 ClientSampleId :
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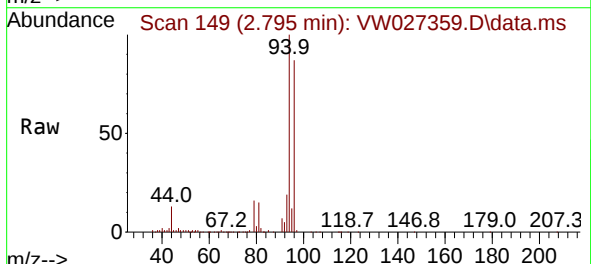
Tgt Ion: 62 Resp: 14122
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.8 44.2

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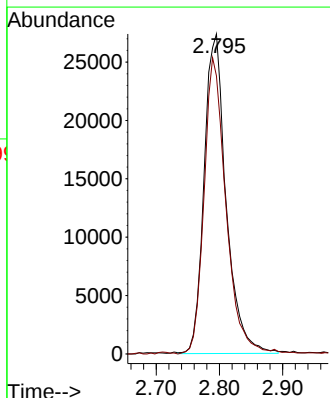
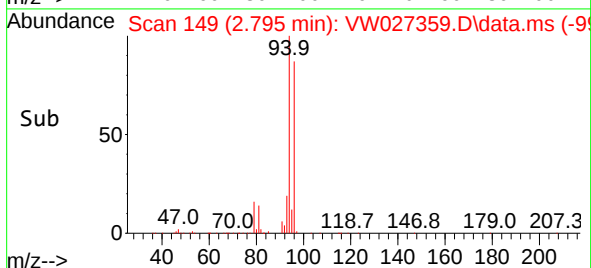
Reviewed By :Semsettin Yesilyurt 10/20/2023
 Supervised By :Mahesh Dadoda 10/20/2023

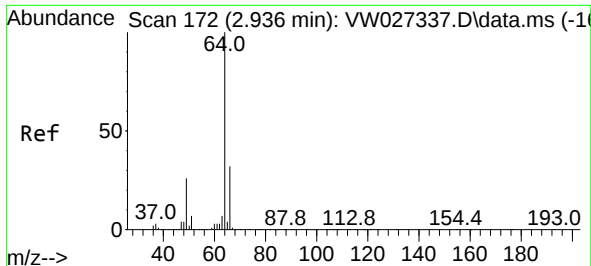


#6
 Bromomethane
 Concen: 18.577 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW027359.D
 Acq: 19 Oct 2023 19:36



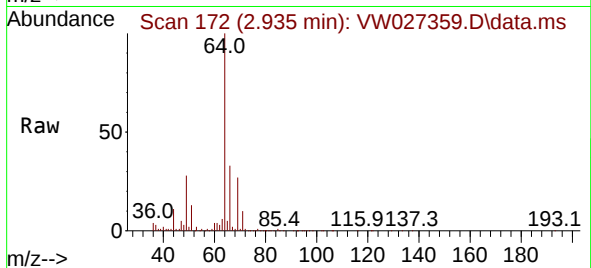
Tgt Ion: 94 Resp: 66353
 Ion Ratio Lower Upper
 94 100
 96 86.9 62.9 116.9





#8
Chloroethane
Concen: 22.978 ug/L
RT: 2.935 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

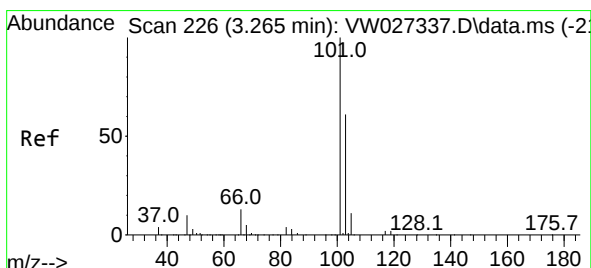
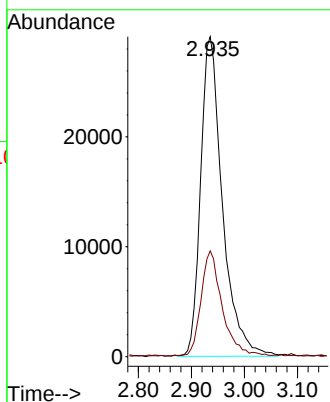
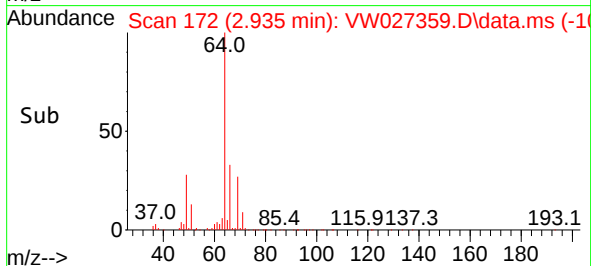
Instrument :
MSVOA_W
ClientSampleId :
EOAT5MSD



Tgt Ion: 64 Resp: 8294
Ion Ratio Lower Upper
64 100
66 33.1 21.7 40.3

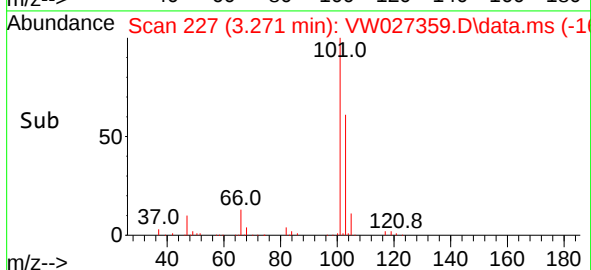
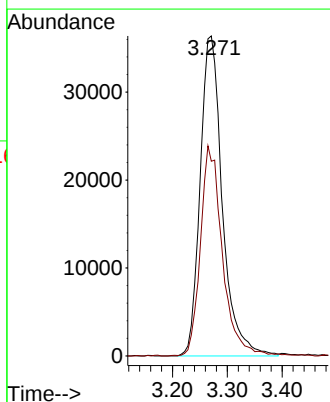
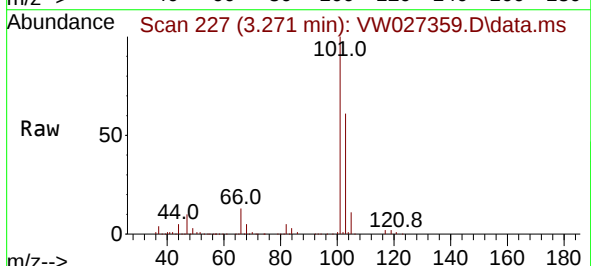
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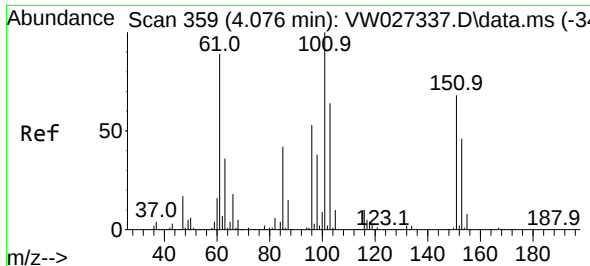
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#9
Trichlorofluoromethane
Concen: 23.091 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

Tgt Ion:101 Resp: 102154
Ion Ratio Lower Upper
101 100
103 63.4 51.6 77.4





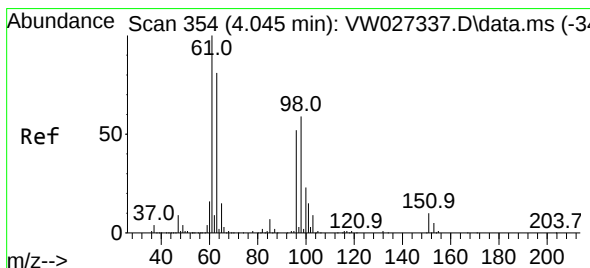
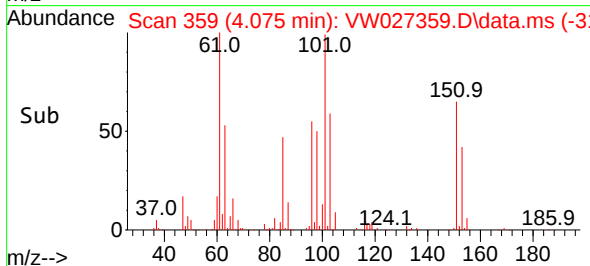
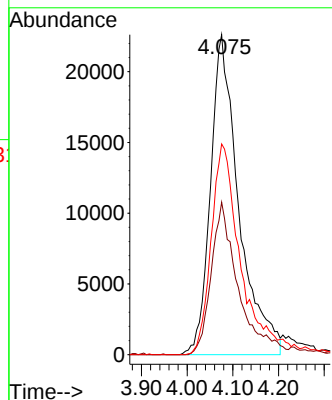
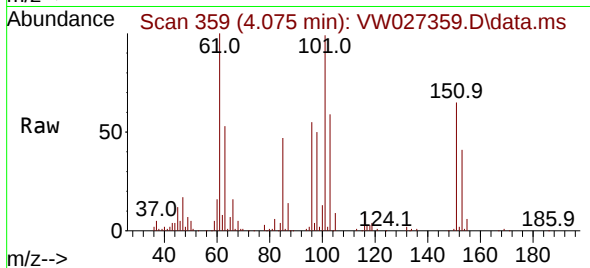
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 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 17.609 ug/L
 RT: 4.075 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: VW027359.D
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Tgt Ion: 101 Resp: 97548
 Ion Ratio Lower Upper
 101 100
 85 43.9 34.1 51.1
 151 57.4 49.5 74.3

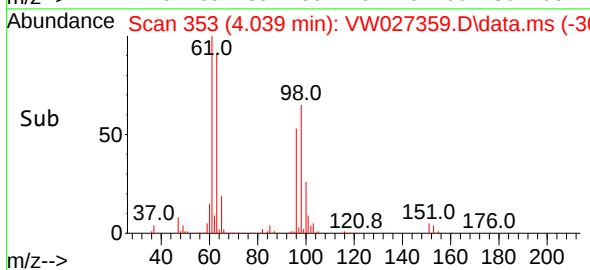
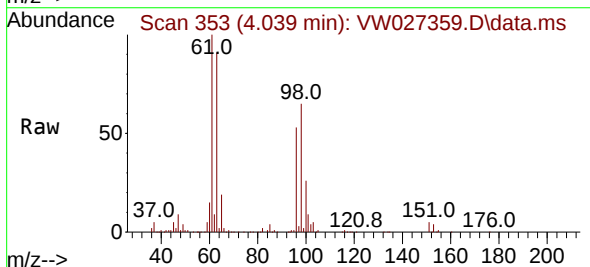
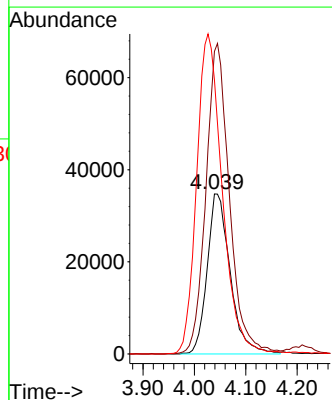
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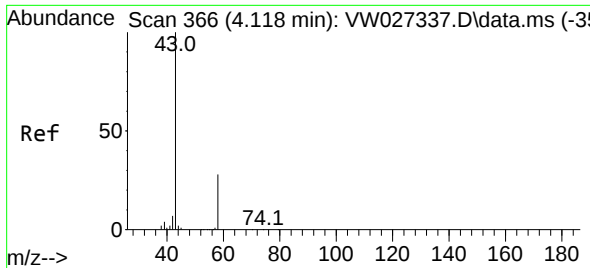
Reviewed By : Semsettin Yesilyurt 10/20/2023
 Supervised By : Mahesh Dadoda 10/20/2023



#12
 1,1-Dichloroethene
 Concen: 20.078 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW027359.D
 Acq: 19 Oct 2023 19:36

Tgt Ion: 96 Resp: 108092
 Ion Ratio Lower Upper
 96 100
 61 189.1 133.3 247.5
 63 171.3 115.8 215.2





#13

Acetone

Concen: 42.931 ug/L

RT: 4.130 min Scan# 368

Delta R.T. 0.012 min

Lab File: VW027359.D

Acq: 19 Oct 2023 19:36

Instrument :

MSVOA_W

ClientSampleId :

EOAT5MSD

Tgt Ion: 43 Resp: 7722

Ion Ratio Lower Upper

43 100

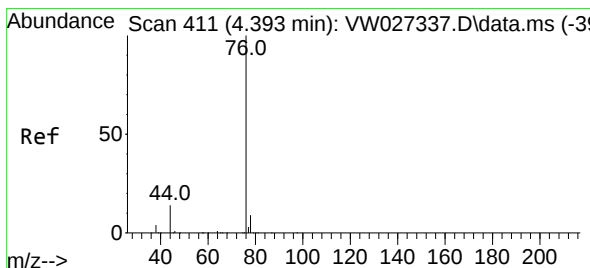
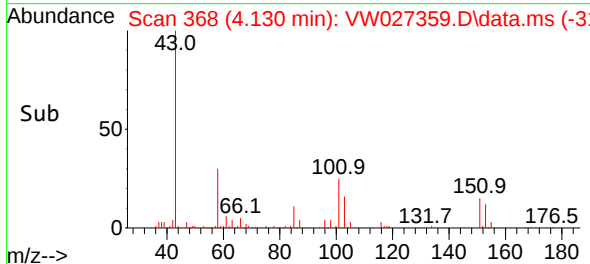
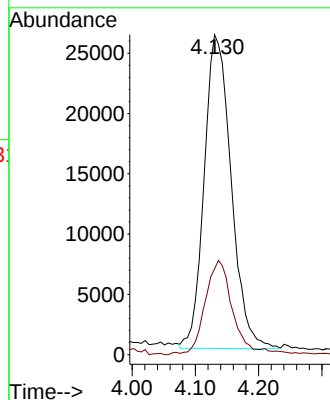
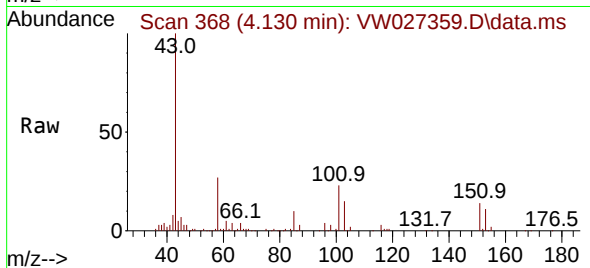
58 28.5 0.0 60.8

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Supervised By :Mahesh Dadoda 10/20/2023



#14

Carbon disulfide

Concen: 16.561 ug/L

RT: 4.393 min Scan# 411

Delta R.T. -0.000 min

Lab File: VW027359.D

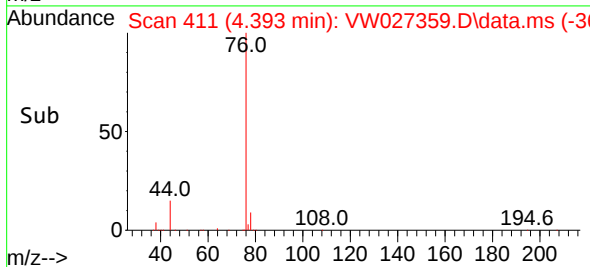
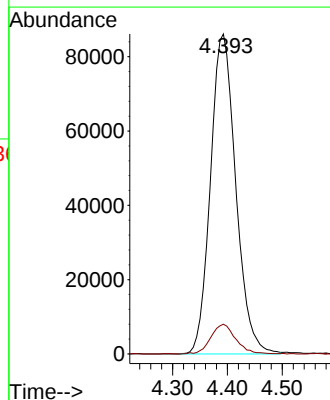
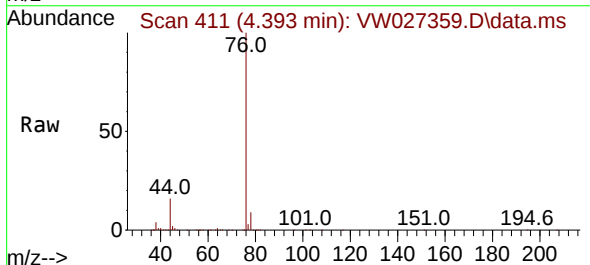
Acq: 19 Oct 2023 19:36

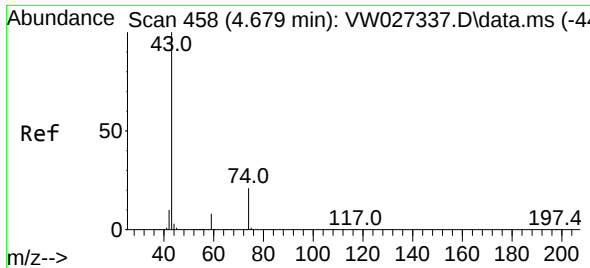
Tgt Ion: 76 Resp: 276393

Ion Ratio Lower Upper

76 100

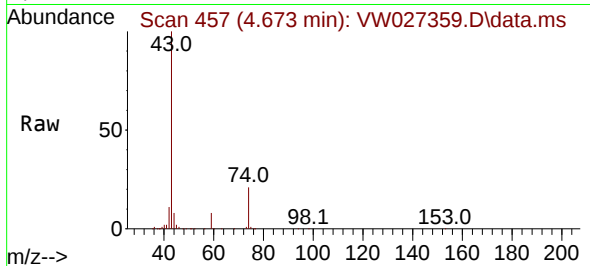
78 9.3 7.2 10.8





#15
Methyl Acetate
Concen: 20.052 ug/L m
RT: 4.673 min Scan# 4
Delta R.T. -0.006 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

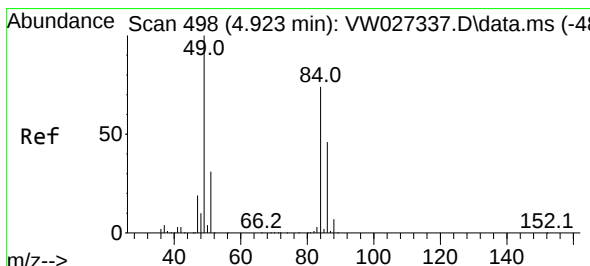
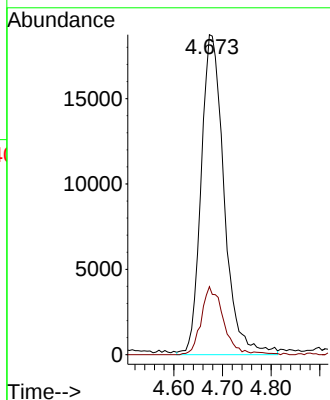
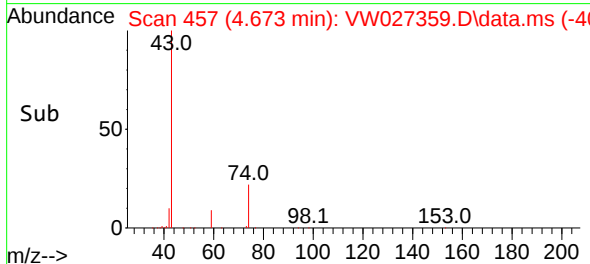
Instrument :
MSVOA_W
ClientSampleId :
EOAT5MSD



Tgt Ion: 43 Resp: 6160
Ion Ratio Lower Upper
43 100
74 0.2 17.5 26.3

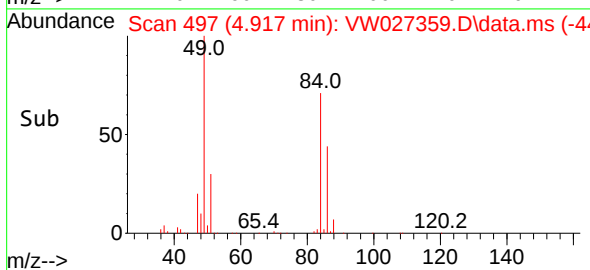
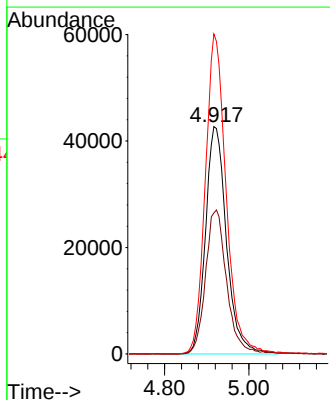
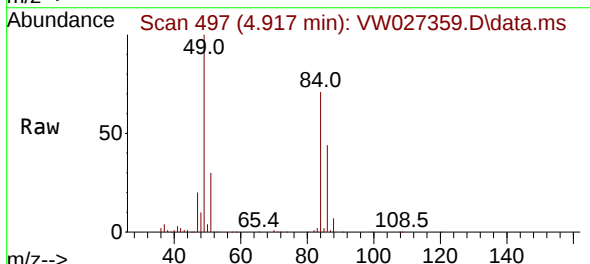
Manual Integrations
APPROVED

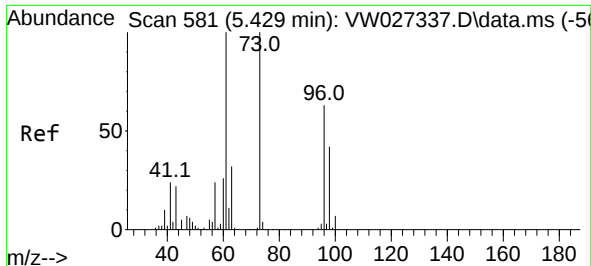
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#16
Methylene chloride
Concen: 19.646 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

Tgt Ion: 84 Resp: 147643
Ion Ratio Lower Upper
84 100
86 62.0 41.3 76.7
49 140.8 92.8 172.4





#17

trans-1,2-Dichloroethene

Concen: 19.566 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW027359.D

Acq: 19 Oct 2023 19:36

Instrument :

MSVOA_W

ClientSampleId :

EOAT5MSD

Tgt Ion: 96 Resp: 113210

Ion Ratio Lower Upper

96 100

61 152.6 105.6 196.0

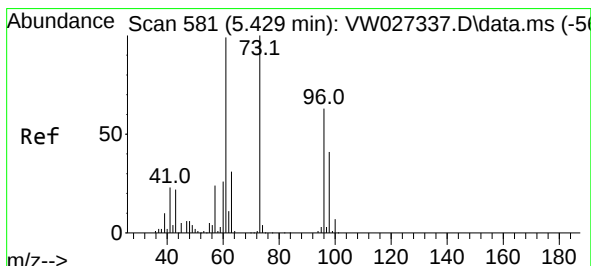
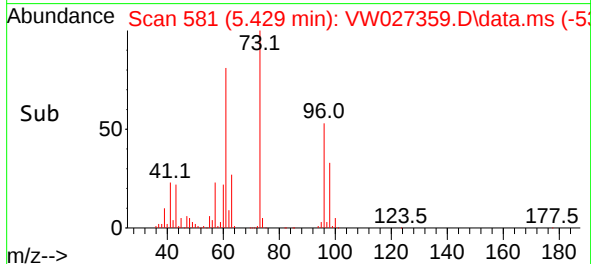
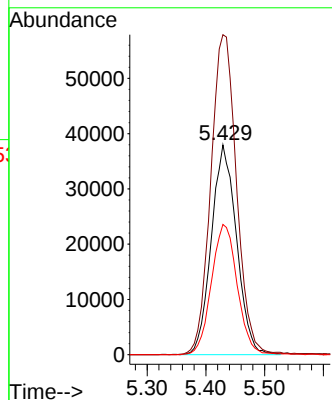
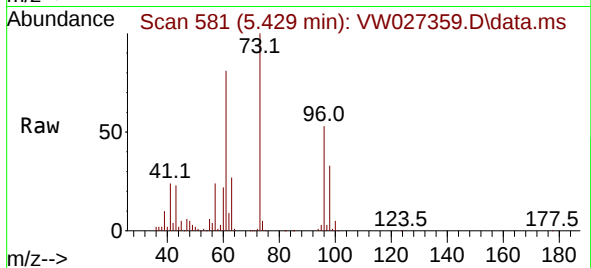
98 62.1 45.0 83.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023

Supervised By :Mahesh Dadoda 10/20/2023



#18

Methyl tert-butyl Ether

Concen: 24.891 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW027359.D

Acq: 19 Oct 2023 19:36

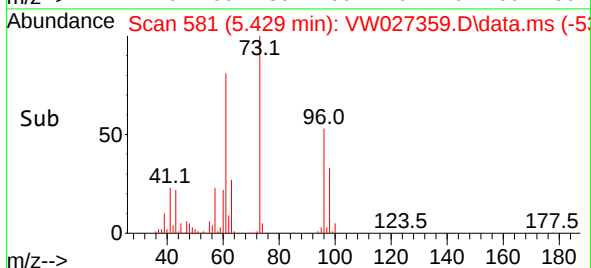
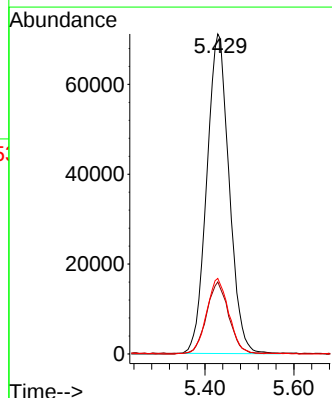
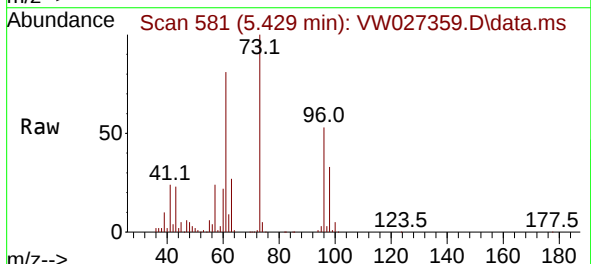
Tgt Ion: 73 Resp: 248471

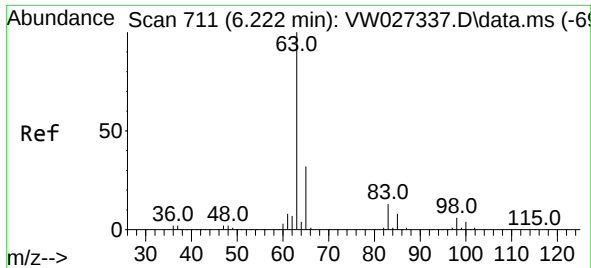
Ion Ratio Lower Upper

73 100

43 22.0 17.7 26.5

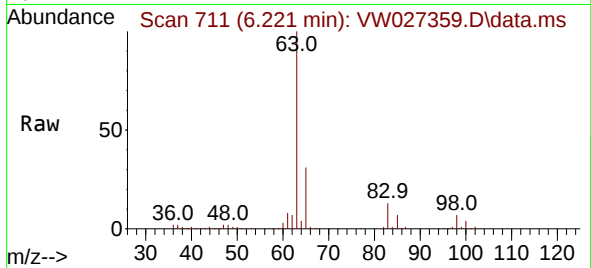
57 23.6 18.5 27.7





#19
1,1-Dichloroethane
Concen: 21.867 ug/L
RT: 6.221 min Scan# 711
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

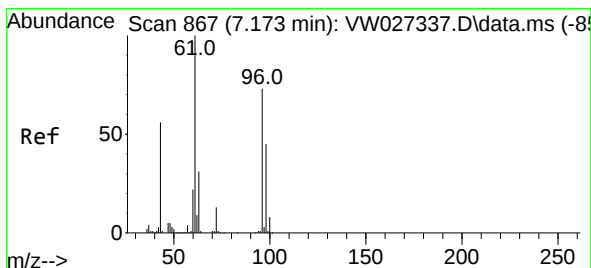
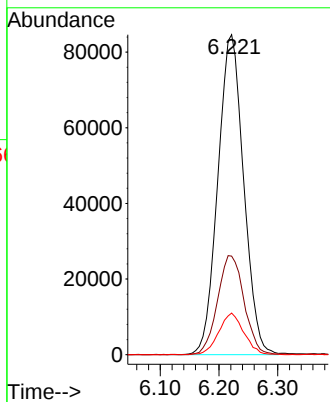
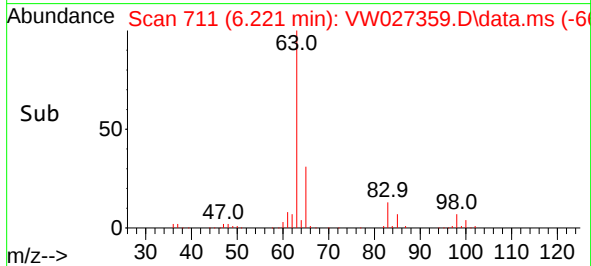
Instrument :
MSVOA_W
ClientSampleId :
EOAT5MSD



Tgt Ion: 63 Resp: 258134
Ion Ratio Lower Upper
63 100
65 30.8 22.9 42.5
83 13.0 9.6 17.8

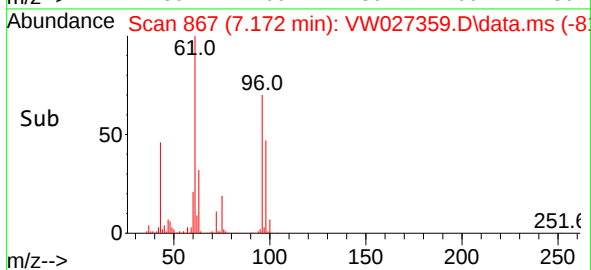
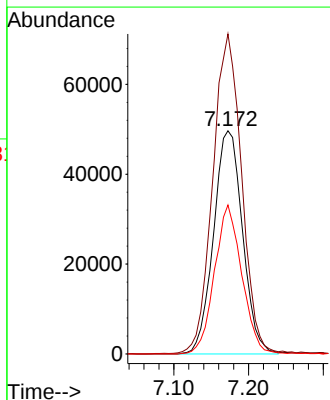
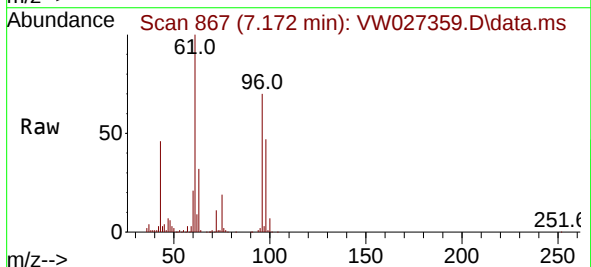
Manual Integrations
APPROVED

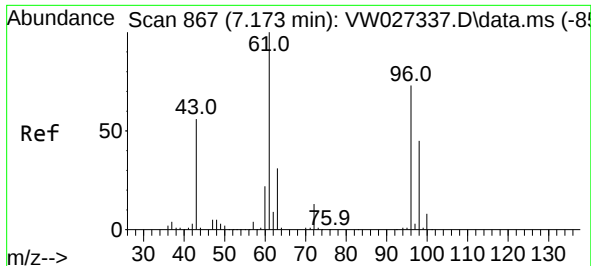
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#20
cis-1,2-Dichloroethene
Concen: 20.499 ug/L
RT: 7.172 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

Tgt Ion: 96 Resp: 133945
Ion Ratio Lower Upper
96 100
61 143.3 96.2 178.8
98 66.7 46.0 85.4





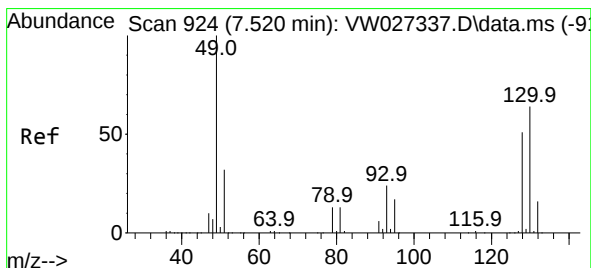
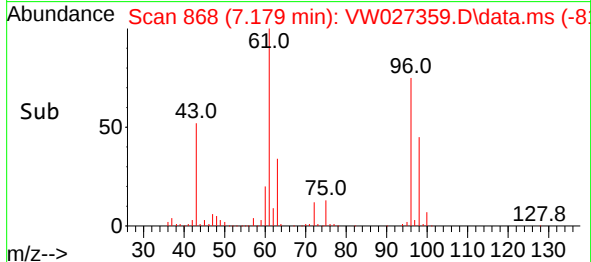
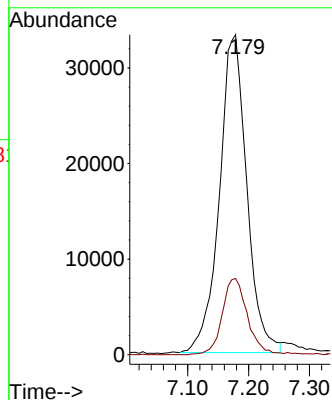
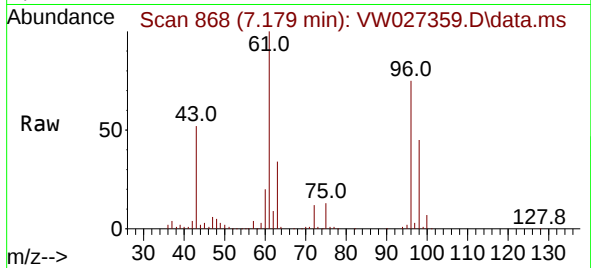
#22
2-Butanone
Concen: 38.637 ug/L
RT: 7.179 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

Instrument :
MSVOA_W
ClientSampleId :
EOAT5MSD

Tgt Ion: 43 Resp: 10402
Ion Ratio Lower Upper
43 100
72 21.8 12.3 36.8

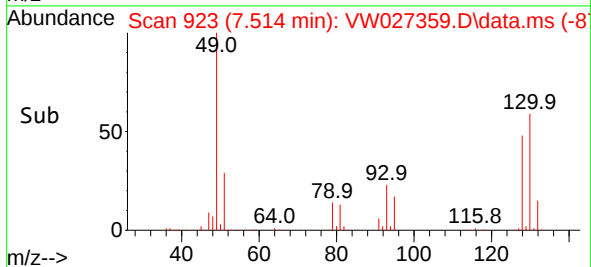
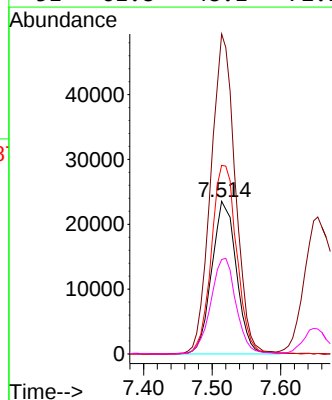
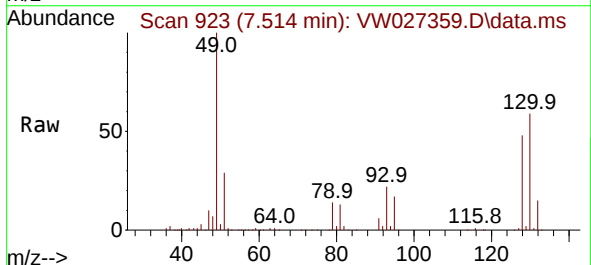
Manual Integrations
APPROVED

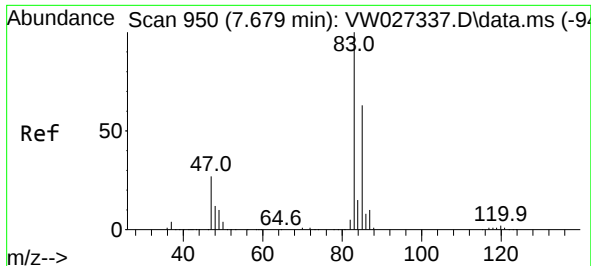
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#23
Bromochloromethane
Concen: 21.807 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

Tgt Ion:128 Resp: 58827
Ion Ratio Lower Upper
128 100
49 209.7 128.9 239.5
130 123.6 85.0 157.8
51 61.8 48.1 72.1





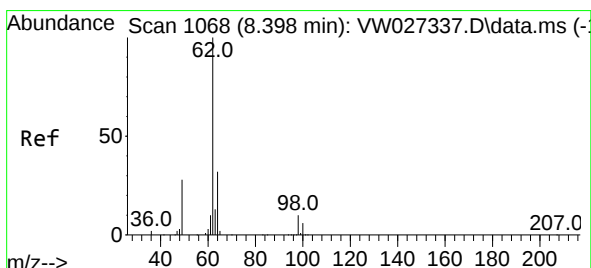
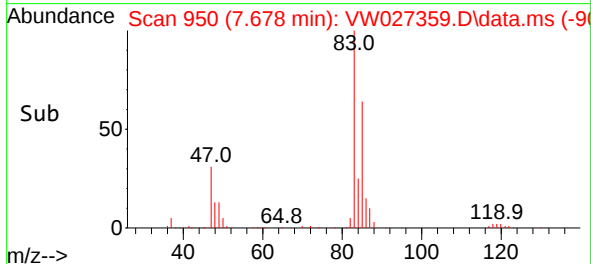
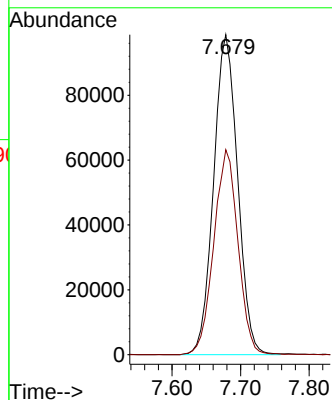
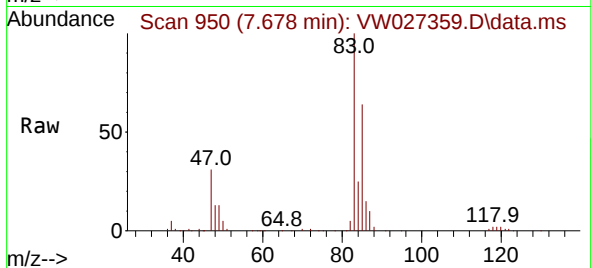
#25
Chloroform
Concen: 21.733 ug/L
RT: 7.678 min Scan# 911
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

Instrument :
MSVOA_W
ClientSampleId :
EOAT5MSD

Tgt Ion: 83 Resp: 240117
Ion Ratio Lower Upper
83 100
85 64.1 44.1 81.9

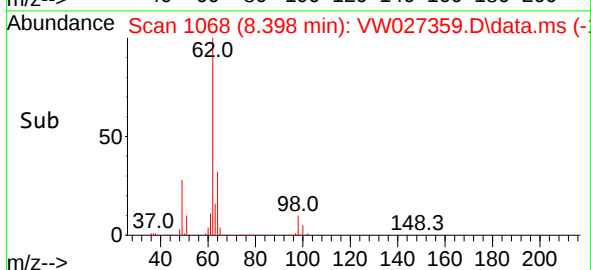
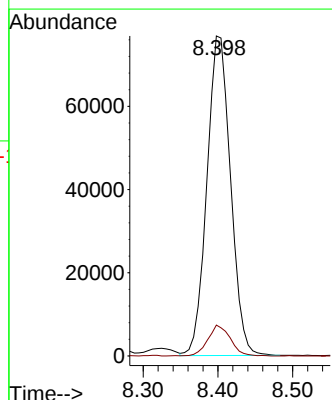
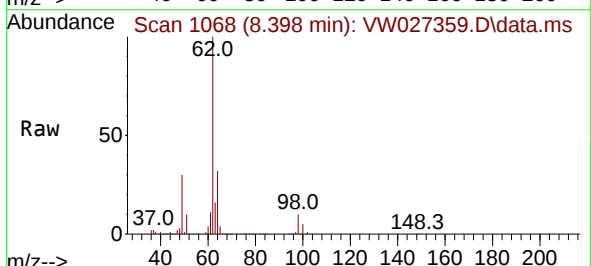
Manual Integrations
APPROVED

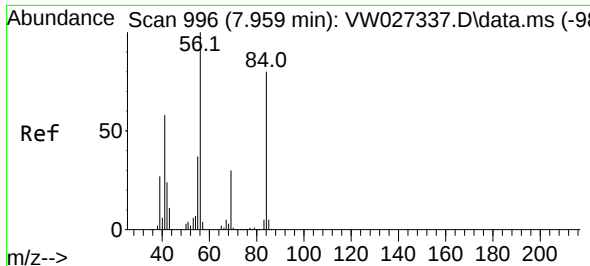
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#27
1,2-Dichloroethane
Concen: 22.496 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

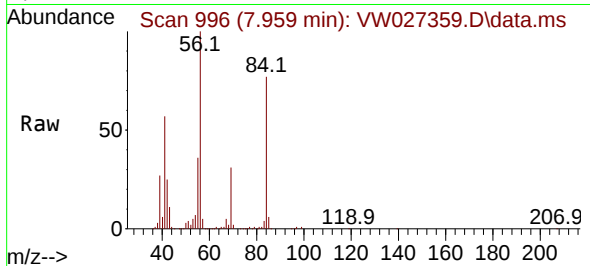
Tgt Ion: 62 Resp: 168837
Ion Ratio Lower Upper
62 100
98 9.6 7.5 11.3





#29
Cyclohexane
Concen: 17.758 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

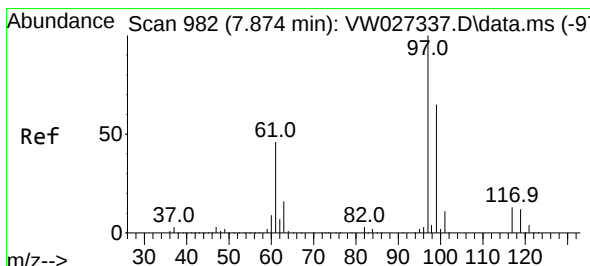
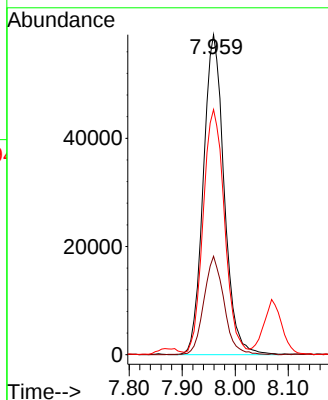
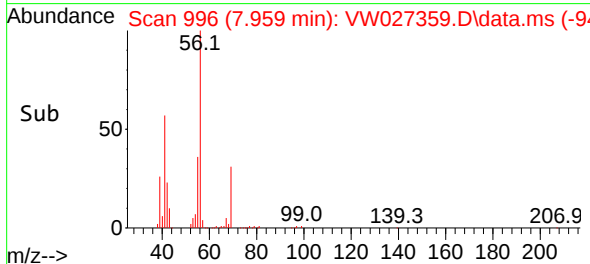
Instrument :
MSVOA_W
ClientSampleId :
EOAT5MSD



Tgt Ion: 56 Resp: 161359
Ion Ratio Lower Upper
56 100
69 29.5 24.2 36.4
84 78.8 65.1 97.7

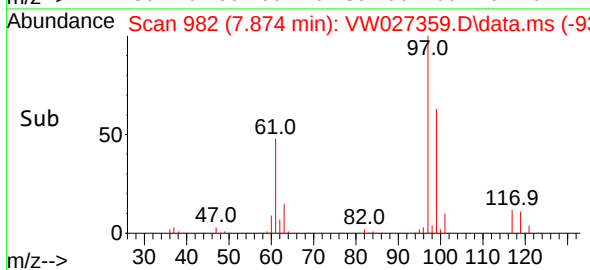
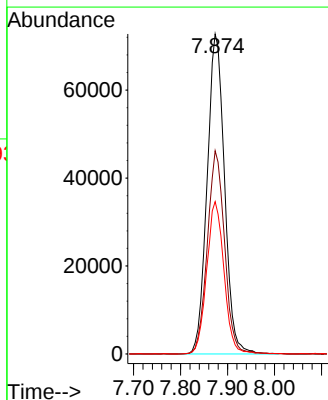
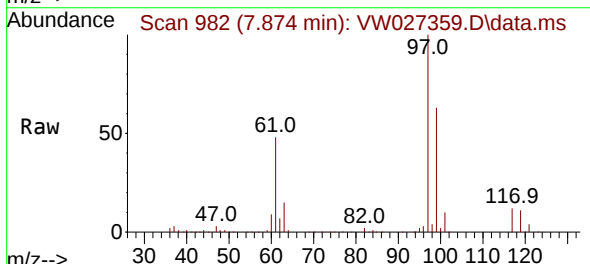
Manual Integrations
APPROVED

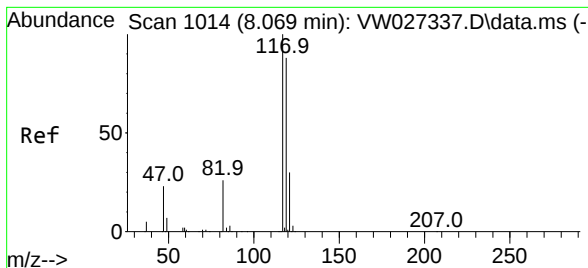
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#30
1,1,1-Trichloroethane
Concen: 25.629 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

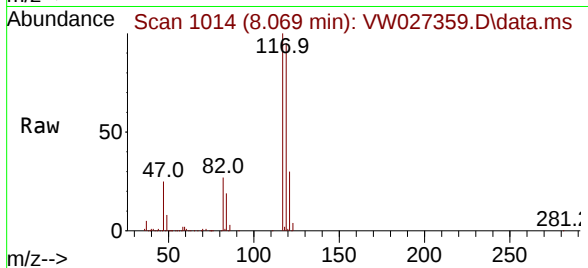
Tgt Ion: 97 Resp: 187091
Ion Ratio Lower Upper
97 100
99 62.6 51.4 77.0
61 47.3 37.4 56.0





#31
Carbon tetrachloride
Concen: 20.885 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

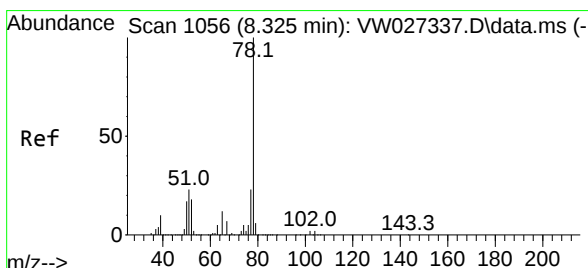
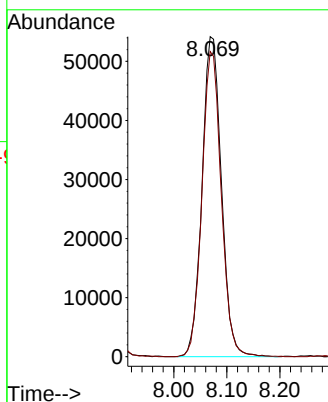
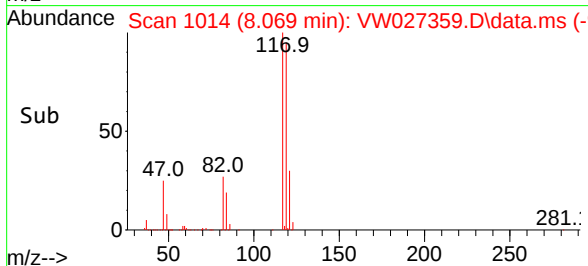
Instrument :
MSVOA_W
ClientSampleId :
EOAT5MSD



Tgt Ion:117 Resp: 137475
Ion Ratio Lower Upper
117 100
119 94.9 77.1 115.7

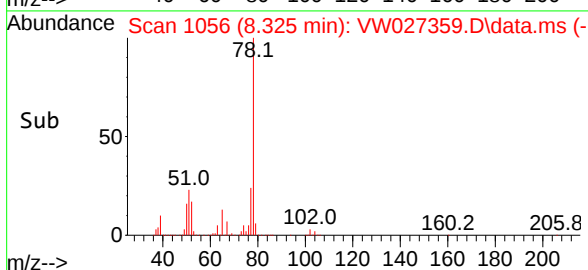
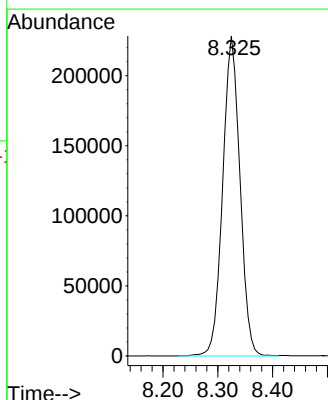
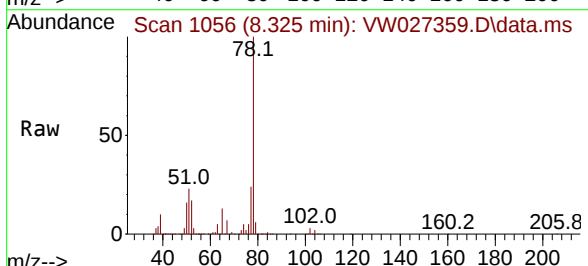
Manual Integrations
APPROVED

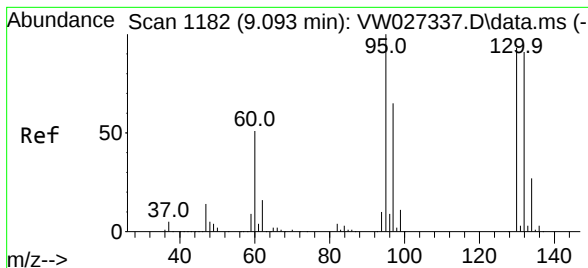
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#33
Benzene
Concen: 25.585 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

Tgt Ion: 78 Resp: 500395





#34

Trichloroethene

Concen: 21.728 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW027359.D

Acq: 19 Oct 2023 19:36

Instrument :

MSVOA_W

ClientSampleId :

EOAT5MSD

Tgt Ion: 95 Resp: 11225

Ion Ratio Lower Upper

95 100

97 65.4 43.4 80.6

132 91.0 67.6 125.6

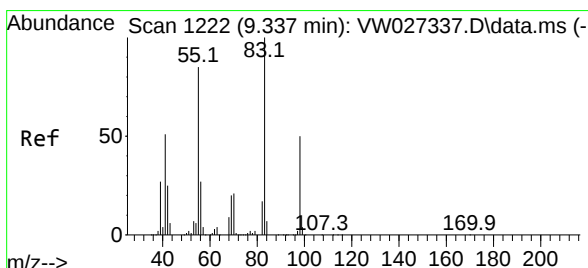
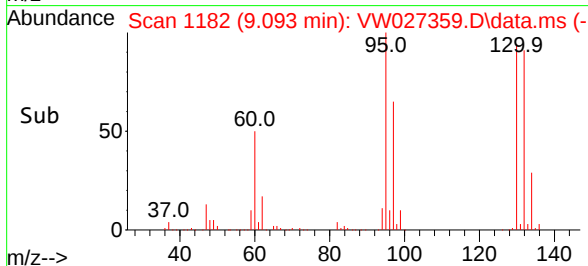
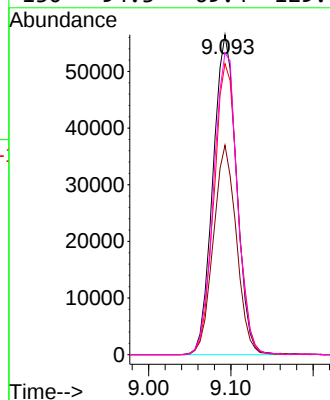
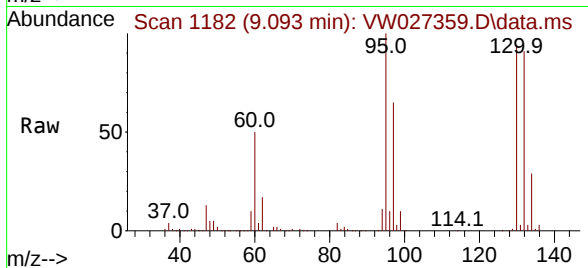
130 94.3 69.4 129.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023

Supervised By :Mahesh Dadoda 10/20/2023



#35

Methylcyclohexane

Concen: 12.837 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW027359.D

Acq: 19 Oct 2023 19:36

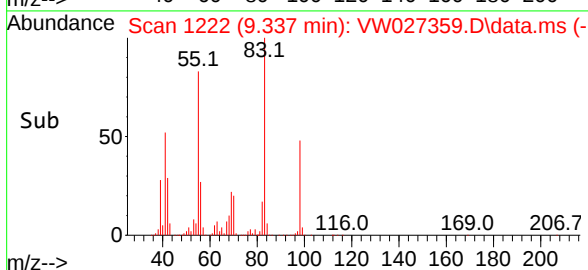
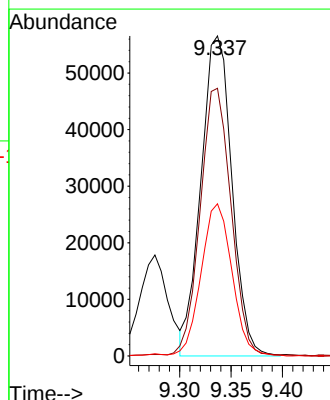
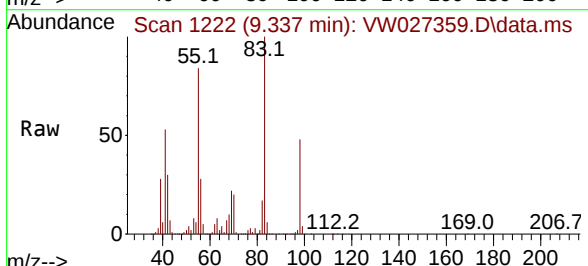
Tgt Ion: 83 Resp: 118599

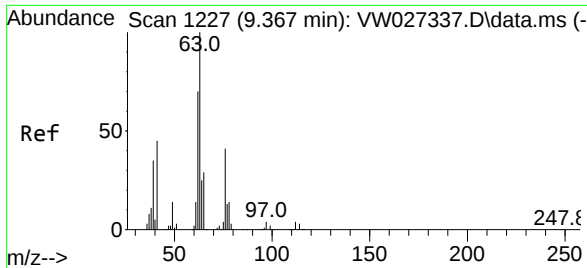
Ion Ratio Lower Upper

83 100

55 83.2 65.8 98.8

98 47.4 38.1 57.1





#37

1,2-Dichloropropane

Concen: 26.779 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW027359.D

Acq: 19 Oct 2023 19:36

Instrument :

MSVOA_W

ClientSampleId :

EOAT5MSD

Tgt Ion: 63 Resp: 14161

Ion Ratio Lower Upper

63 100

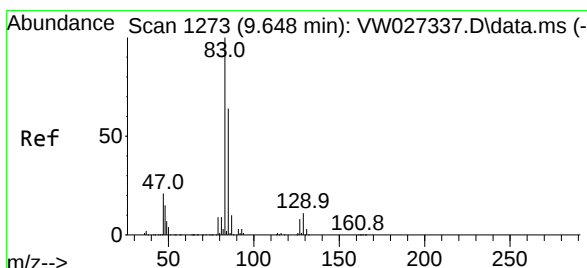
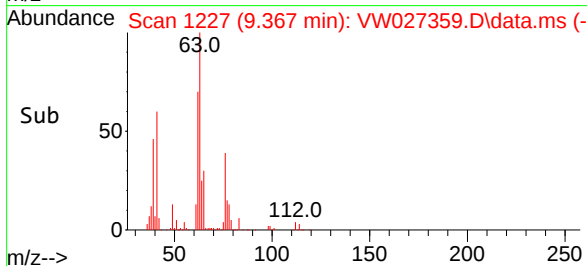
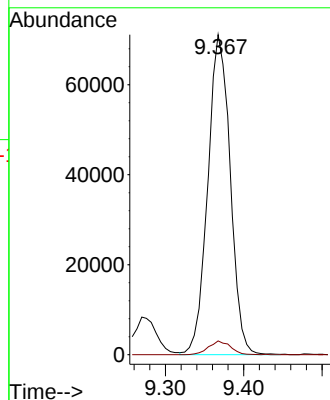
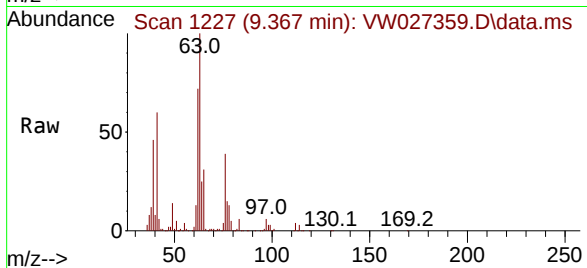
112 4.2 3.5 5.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023

Supervised By :Mahesh Dadoda 10/20/2023



#38

Bromodichloromethane

Concen: 23.636 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VW027359.D

Acq: 19 Oct 2023 19:36

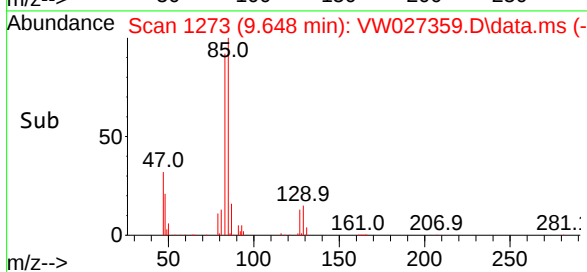
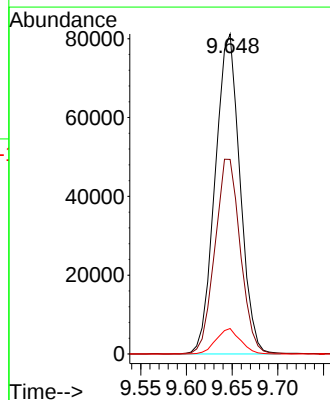
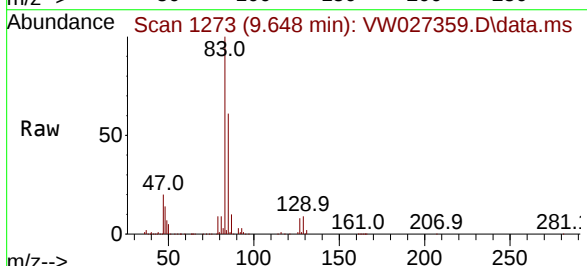
Tgt Ion: 83 Resp: 153699

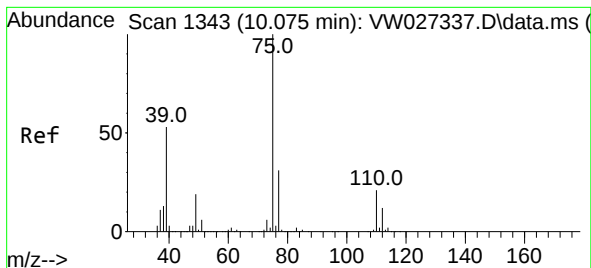
Ion Ratio Lower Upper

83 100

85 60.8 43.9 81.5

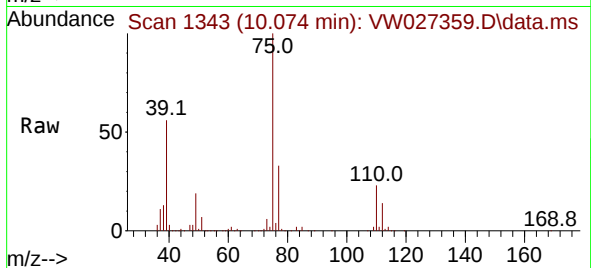
127 7.9 6.2 9.2





#39
cis-1,3-Dichloropropene
Concen: 19.092 ug/L
RT: 10.074 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

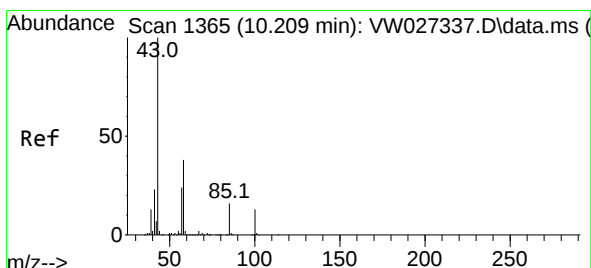
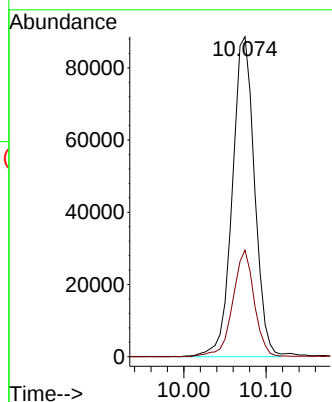
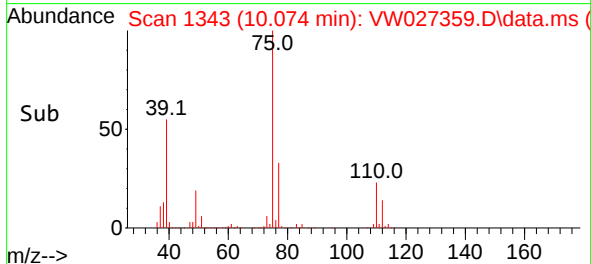
Instrument :
MSVOA_W
ClientSampleId :
EOAT5MSD



Tgt Ion: 75 Resp: 166780
Ion Ratio Lower Upper
75 100
77 33.3 21.9 40.7

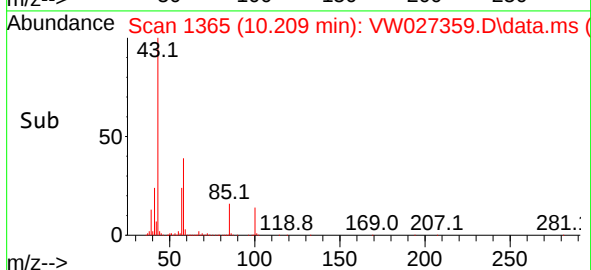
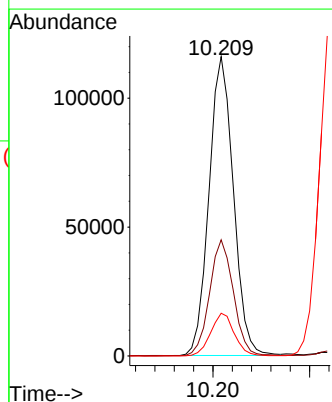
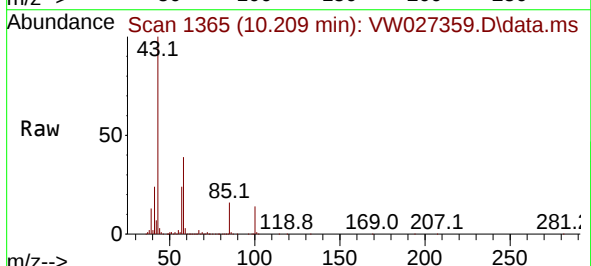
Manual Integrations
APPROVED

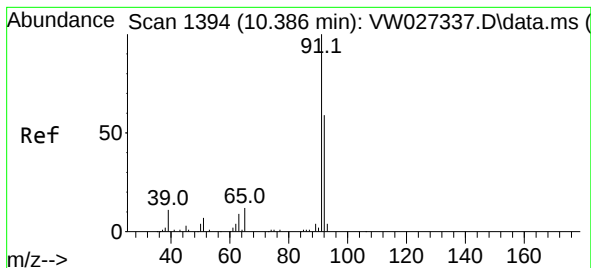
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#40
4-Methyl-2-pentanone
Concen: 55.940 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

Tgt Ion: 43 Resp: 203445
Ion Ratio Lower Upper
43 100
58 38.0 30.5 45.7
100 13.9 11.5 17.3





#42

Toluene

Concen: 21.989 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW027359.D

Acq: 19 Oct 2023 19:36

Instrument :

MSVOA_W

ClientSampleId :

EOAT5MSD

Tgt Ion: 91 Resp: 451159

Ion Ratio Lower Upper

91 100

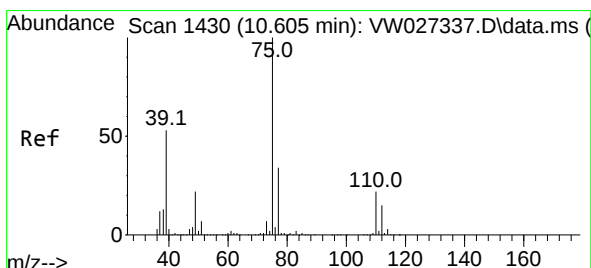
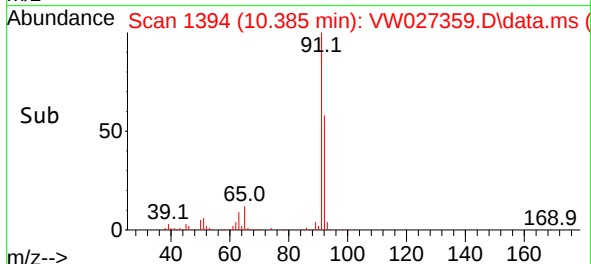
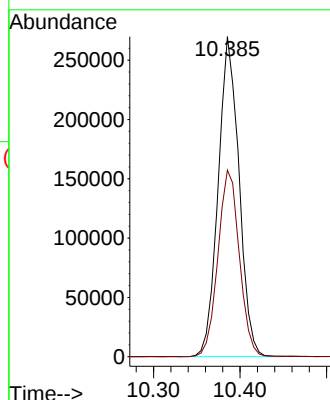
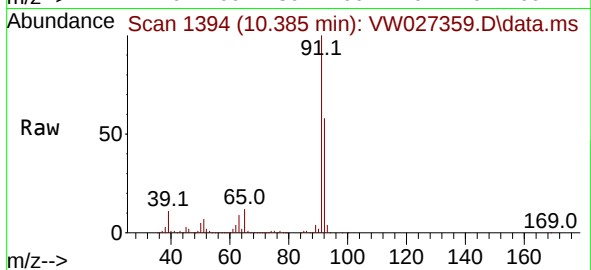
92 58.3 42.1 78.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023

Supervised By :Mahesh Dadoda 10/20/2023



#44

trans-1,3-Dichloropropene

Concen: 20.683 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW027359.D

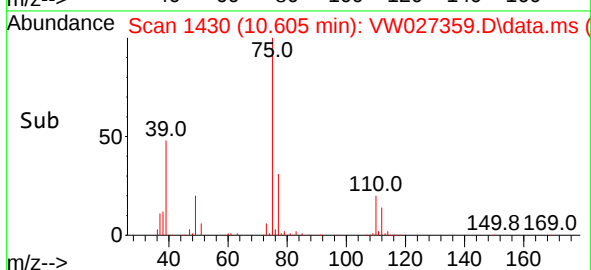
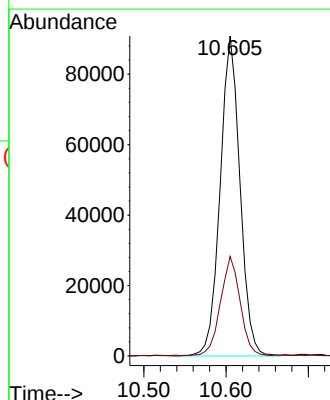
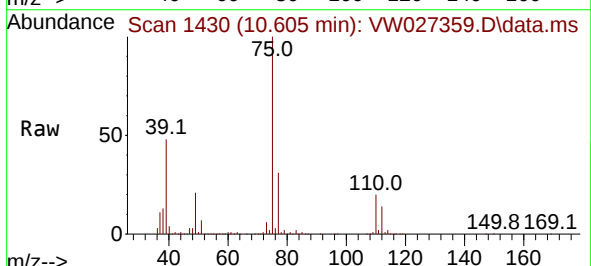
Acq: 19 Oct 2023 19:36

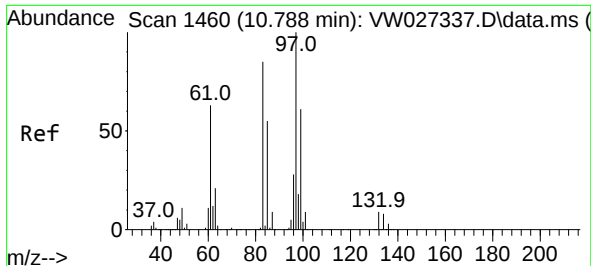
Tgt Ion: 75 Resp: 152450

Ion Ratio Lower Upper

75 100

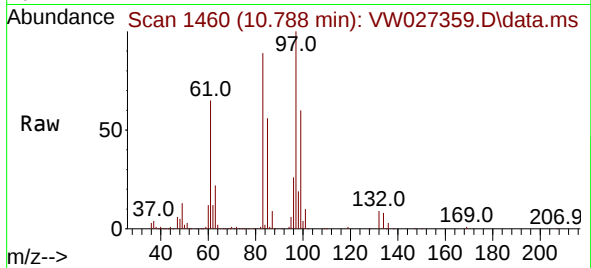
77 31.1 22.0 41.0





#45
1,1,2-Trichloroethane
Concen: 26.766 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

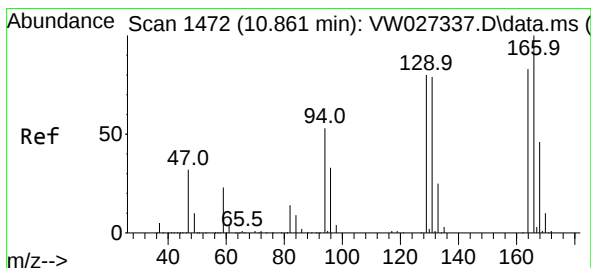
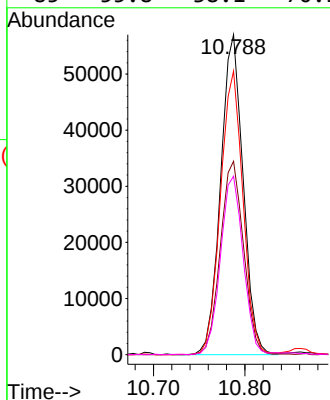
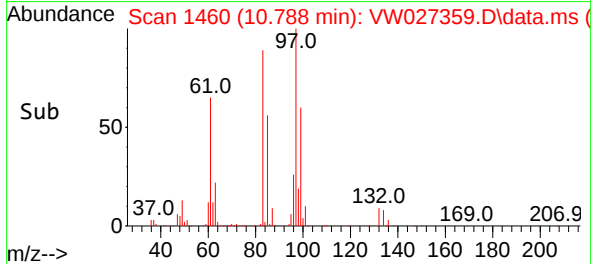
Instrument :
MSVOA_W
ClientSampleId :
EOAT5MSD



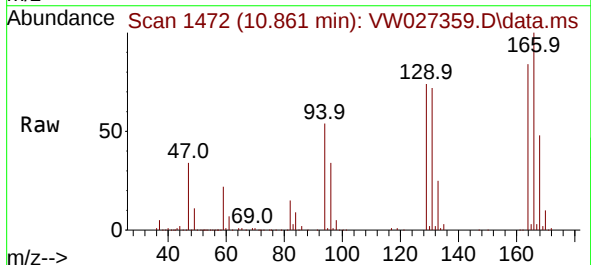
Tgt Ion:	97	Resp:	9740
Ion Ratio	100	Lower	Upper
97	100		
99	60.4	43.8	81.4
83	88.7	57.5	106.7
85	55.8	38.1	70.9

Manual Integrations
APPROVED

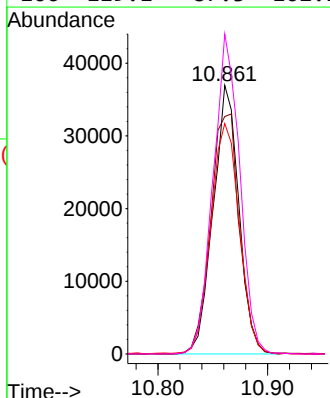
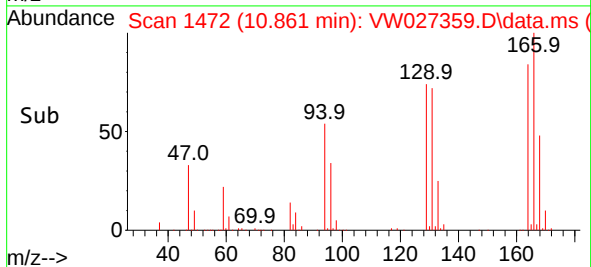
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023

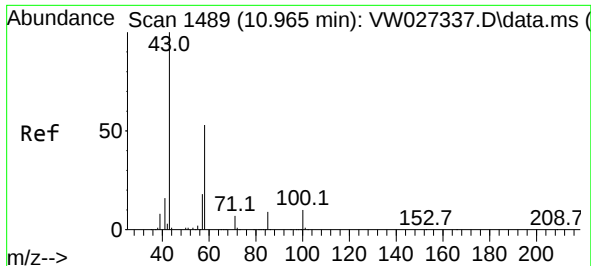


#46
Tetrachloroethene
Concen: 16.845 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36



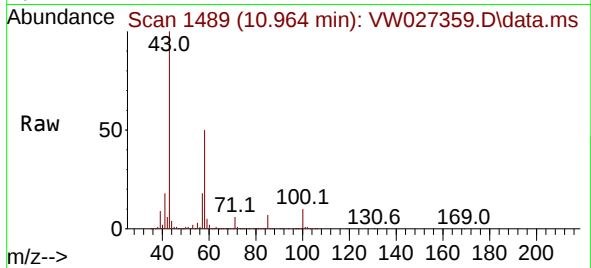
Tgt Ion:	164	Resp:	60090
Ion Ratio	100	Lower	Upper
164	100		
129	88.4	74.7	138.7
131	85.8	73.2	136.0
166	119.1	87.3	162.1





#48
2-Hexanone
Concen: 52.905 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

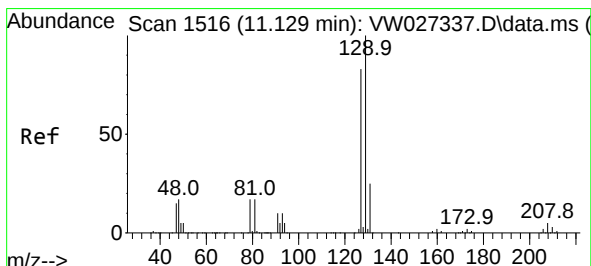
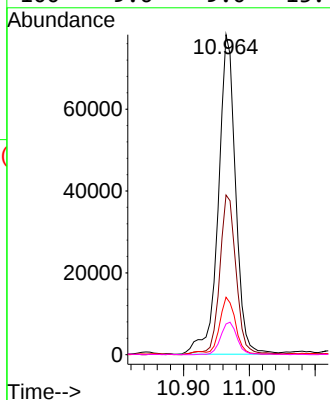
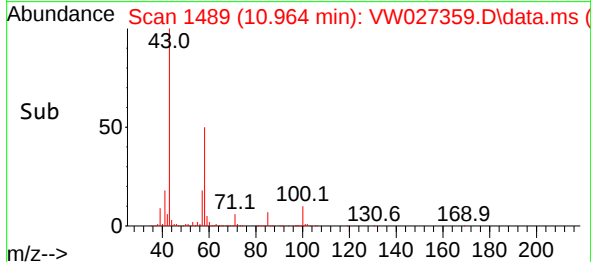
Instrument :
MSVOA_W
ClientSampleId :
EOAT5MSD



Tgt Ion: 43 Resp: 142409
Ion Ratio Lower Upper
43 100
58 47.4 42.2 63.4
57 16.4 15.1 22.7
100 9.6 9.0 13.4

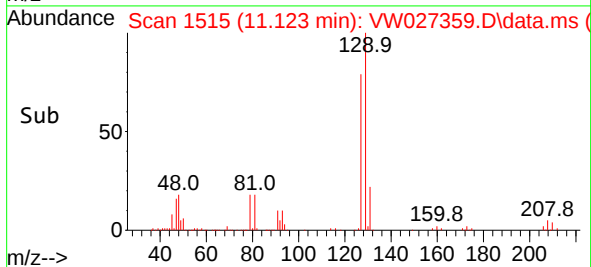
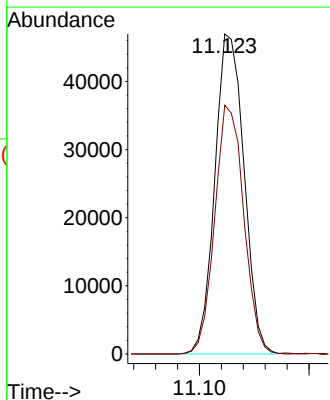
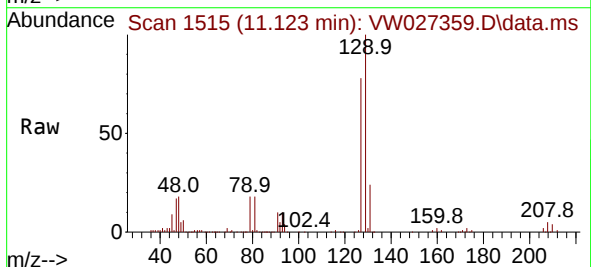
Manual Integrations
APPROVED

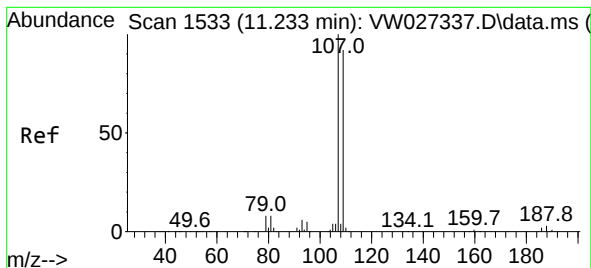
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#49
Dibromochloromethane
Concen: 21.528 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

Tgt Ion:129 Resp: 87002
Ion Ratio Lower Upper
129 100
127 77.7 51.7 95.9





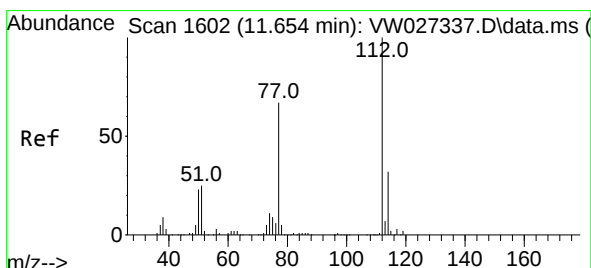
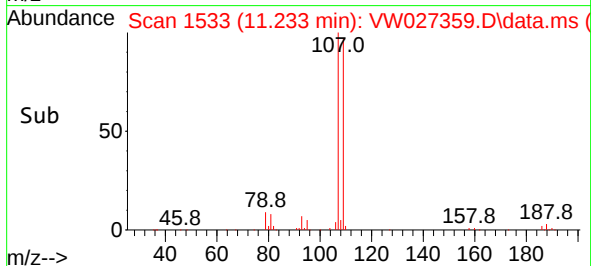
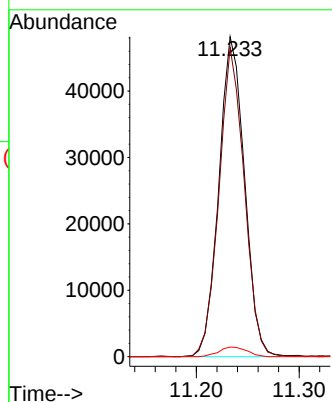
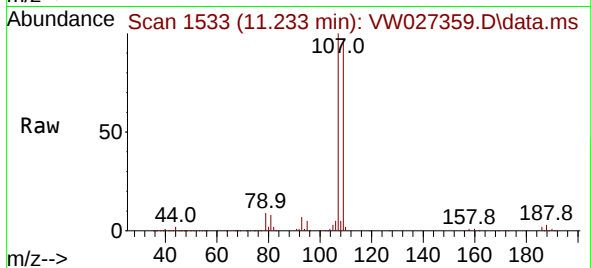
#50
1,2-Dibromoethane
Concen: 23.648 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

Instrument :
MSVOA_W
ClientSampleId :
EOAT5MSD

Tgt Ion:107 Resp: 83435
Ion Ratio Lower Upper
107 100
109 96.6 66.3 123.1
188 3.1 3.0 4.4

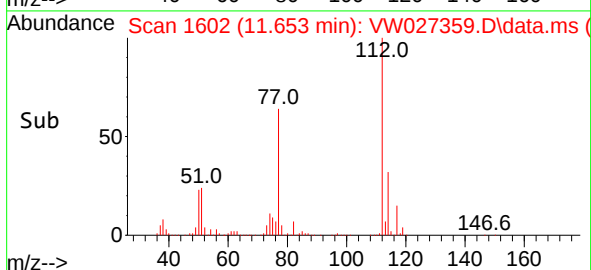
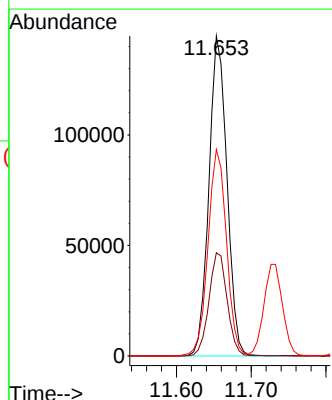
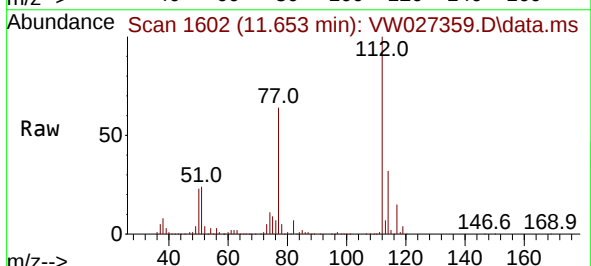
Manual Integrations
APPROVED

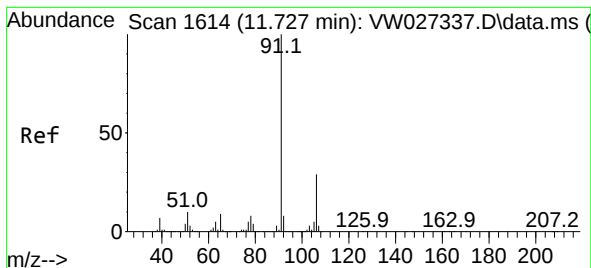
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#51
Chlorobenzene
Concen: 18.856 ug/L
RT: 11.653 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

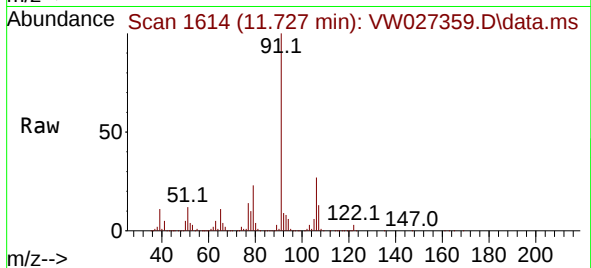
Tgt Ion:112 Resp: 242258
Ion Ratio Lower Upper
112 100
114 32.3 21.8 40.6
77 64.5 52.2 78.4





#52
Ethylbenzene
Concen: 20.211 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

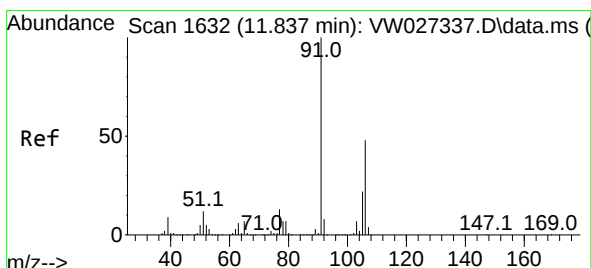
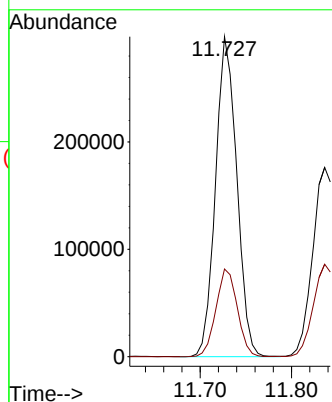
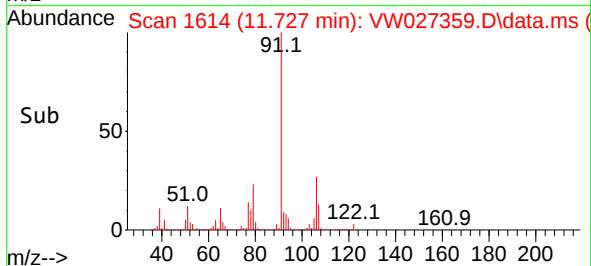
Instrument :
MSVOA_W
ClientSampleId :
EOAT5MSD



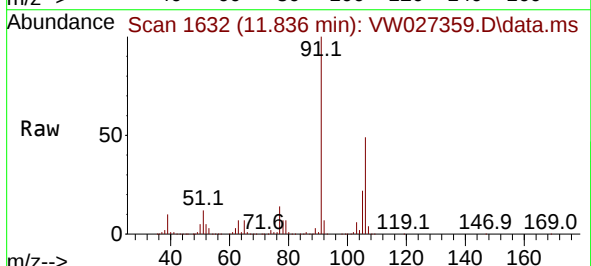
Tgt Ion: 91 Resp: 48186
Ion Ratio Lower Upper
91 100
106 27.4 19.8 36.8

Manual Integrations
APPROVED

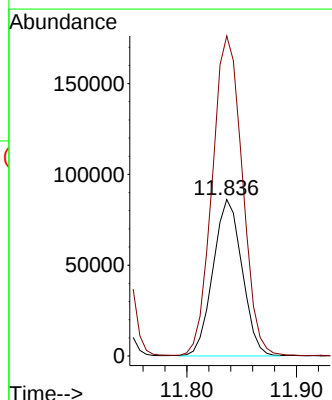
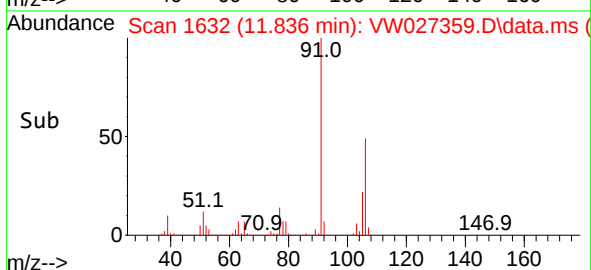
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023

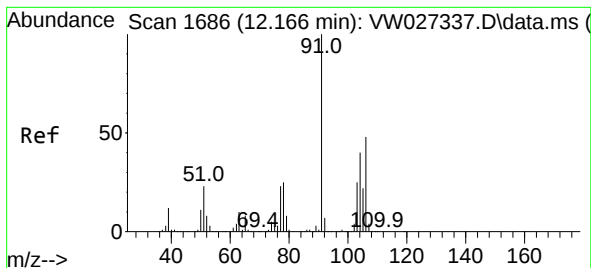


#53
m,p-Xylene
Concen: 17.571 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36



Tgt Ion:106 Resp: 158895
Ion Ratio Lower Upper
106 100
91 204.5 144.5 268.4





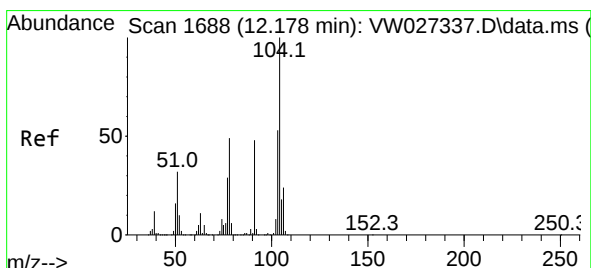
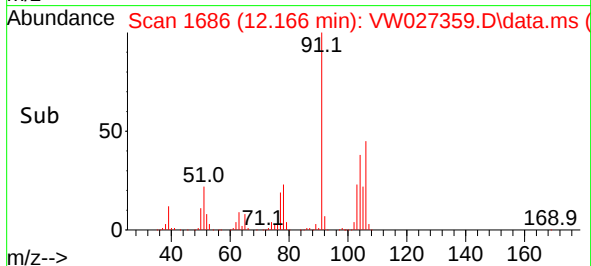
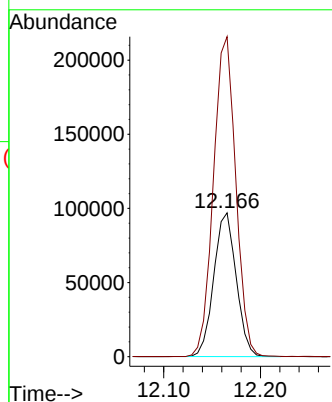
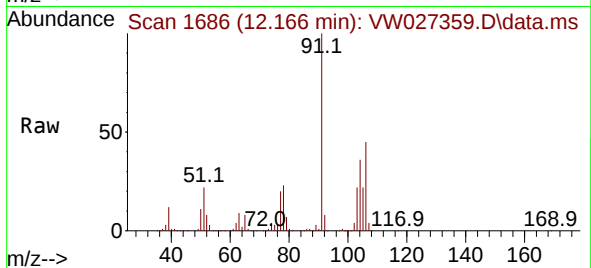
#54
o-Xylene
Concen: 17.999 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

Instrument :
MSVOA_W
ClientSampleId :
EOAT5MSD

Tgt Ion:106 Resp: 155860
Ion Ratio Lower Upper
106 100
91 222.4 152.0 282.2

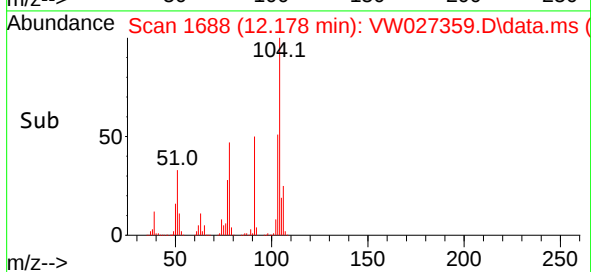
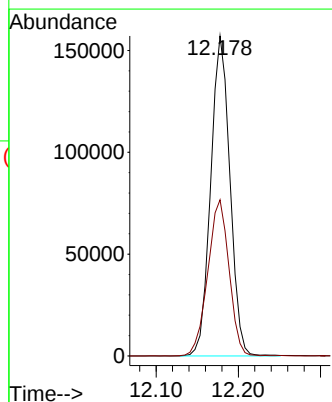
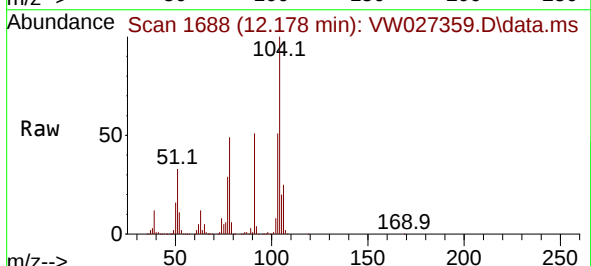
Manual Integrations
APPROVED

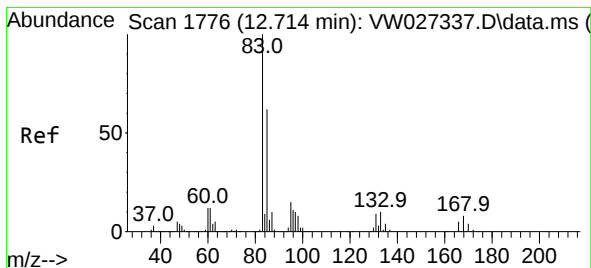
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#55
Styrene
Concen: 17.276 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

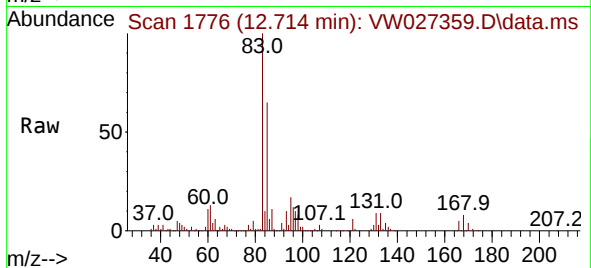
Tgt Ion:104 Resp: 255500
Ion Ratio Lower Upper
104 100
78 48.8 33.2 61.6





#57
1,1,2,2-Tetrachloroethane
Concen: 24.494 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

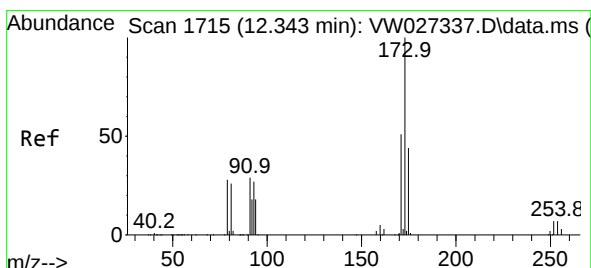
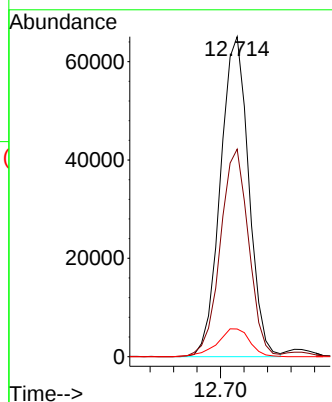
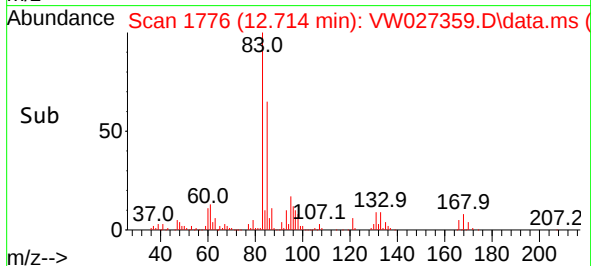
Instrument :
MSVOA_W
ClientSampleId :
EOAT5MSD



Tgt Ion: 83 Resp: 10881
Ion Ratio Lower Upper
83 100
85 64.9 43.2 80.2
131 8.6 7.2 10.8

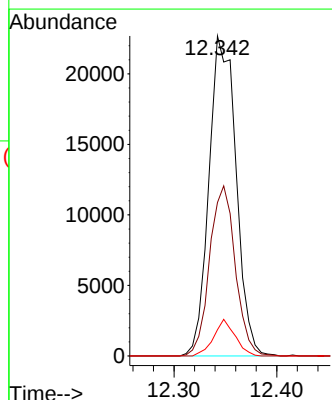
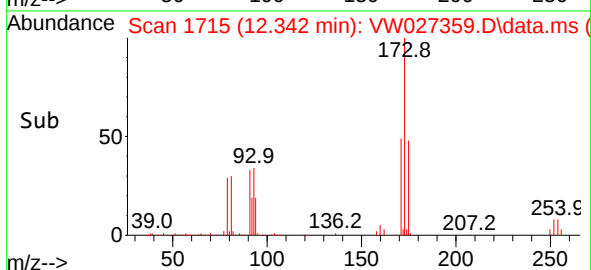
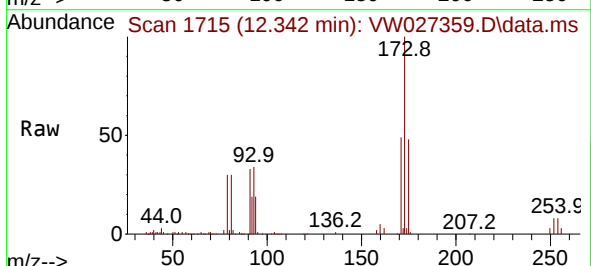
Manual Integrations
APPROVED

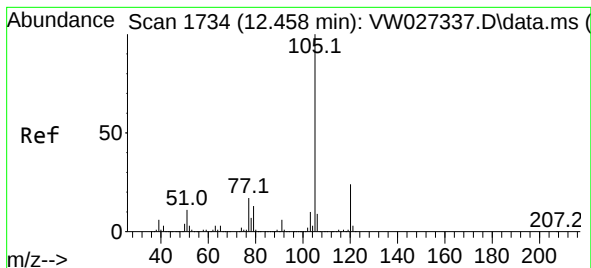
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#59
Bromoform
Concen: 27.787 ug/L
RT: 12.342 min Scan# 1715
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

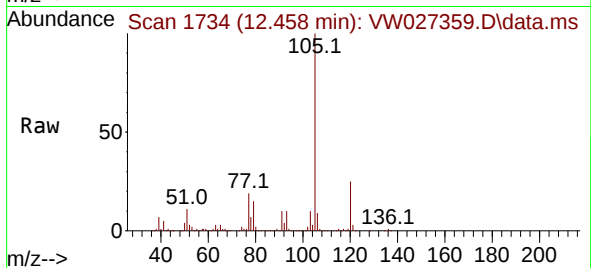
Tgt Ion:173 Resp: 41462
Ion Ratio Lower Upper
173 100
175 50.4 39.6 59.4
254 9.1 6.6 10.0





#60
Isopropylbenzene
Concen: 24.194 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

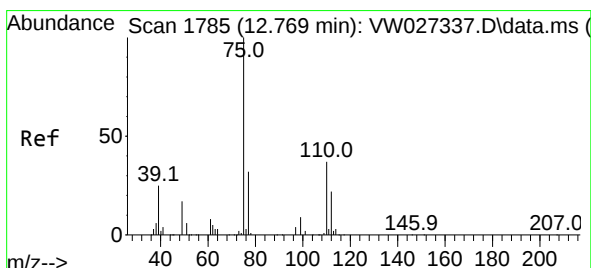
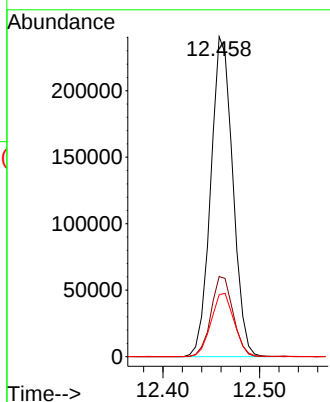
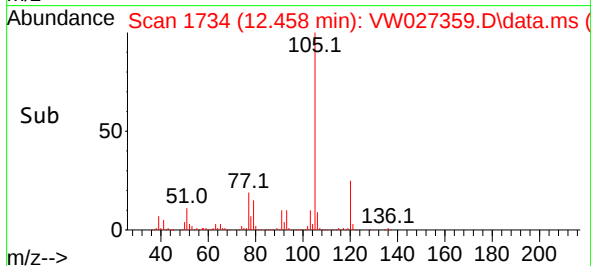
Instrument :
MSVOA_W
ClientSampleId :
EOAT5MSD



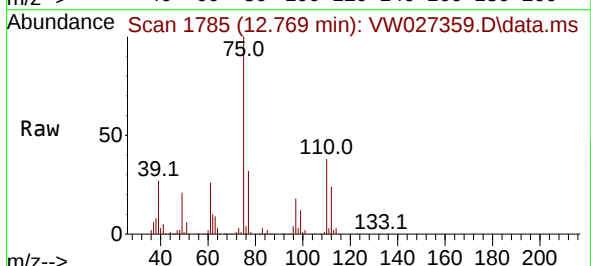
Tgt Ion:105 Resp: 381130
Ion Ratio Lower Upper
105 100
120 25.0 20.1 30.1
77 20.8 12.9 19.3

Manual Integrations
APPROVED

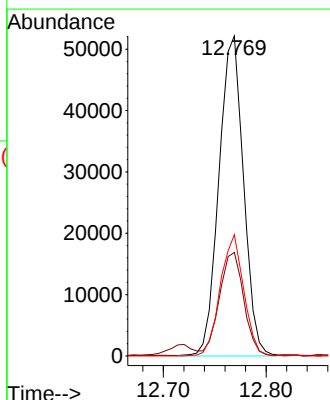
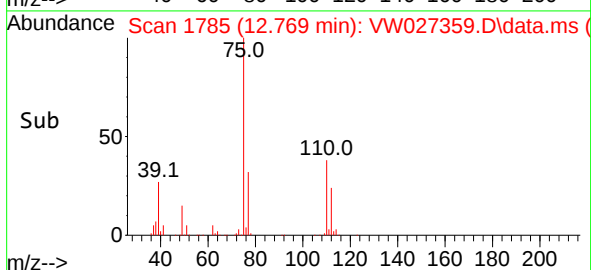
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023

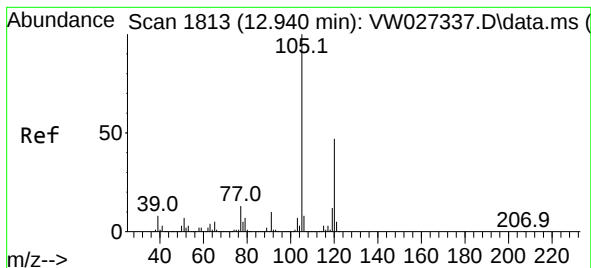


#61
1,2,3-Trichloropropane
Concen: 39.575 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36



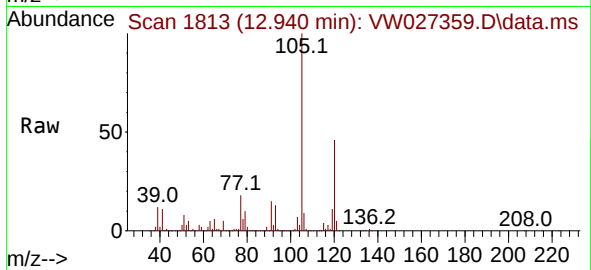
Tgt Ion: 75 Resp: 86652
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0
110 36.3 29.7 44.5





#62
1,3,5-Trimethylbenzene
Concen: 21.125 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

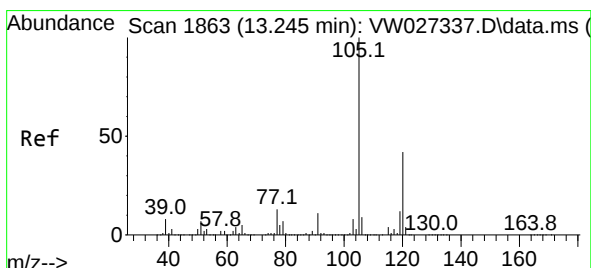
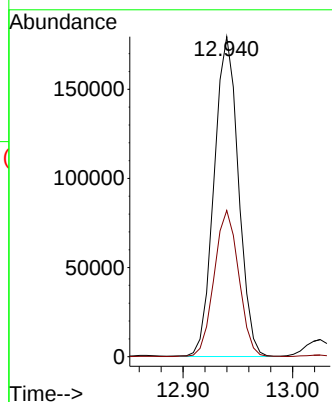
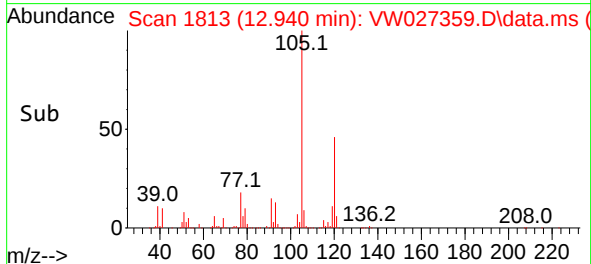
Instrument :
MSVOA_W
ClientSampleId :
EOAT5MSD



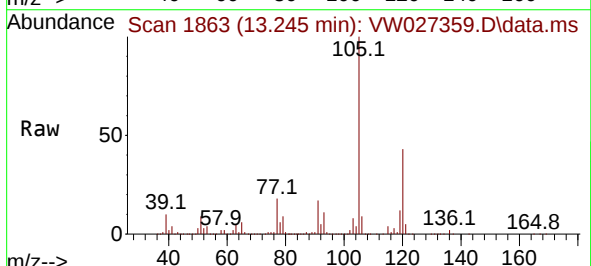
Tgt Ion:105 Resp: 277590
Ion Ratio Lower Upper
105 100
120 46.1 38.8 58.2

Manual Integrations
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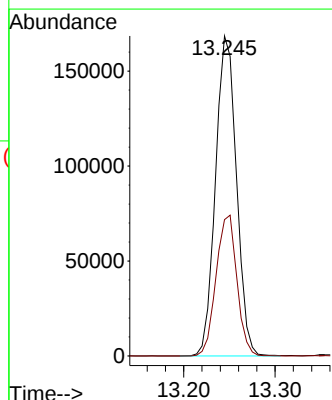
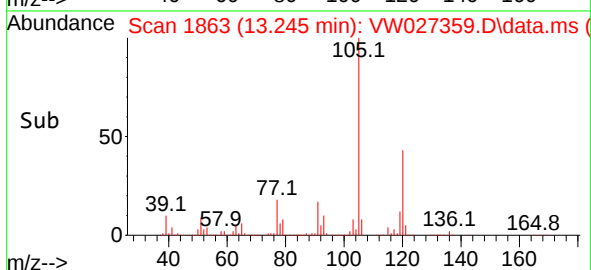
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023

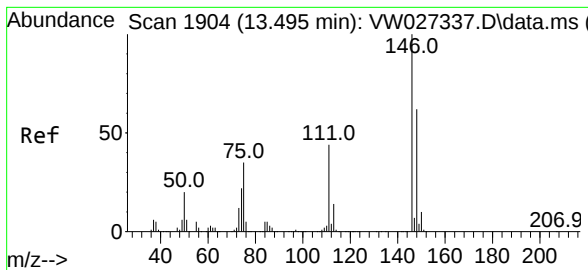


#63
1,2,4-Trimethylbenzene
Concen: 20.897 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36



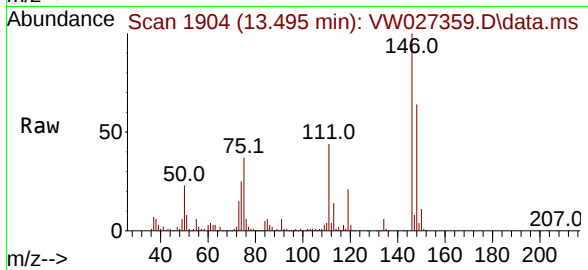
Tgt Ion:105 Resp: 268671
Ion Ratio Lower Upper
105 100
120 43.7 35.4 53.2





#64
1,3-Dichlorobenzene
Concen: 17.559 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

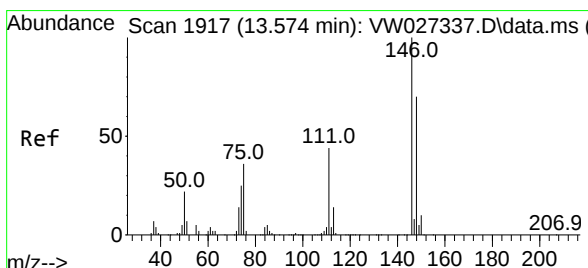
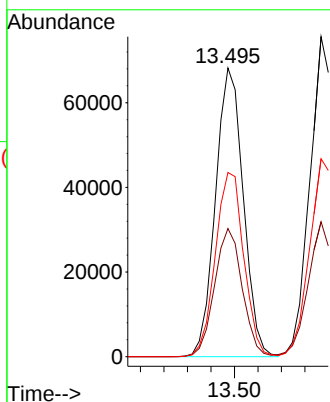
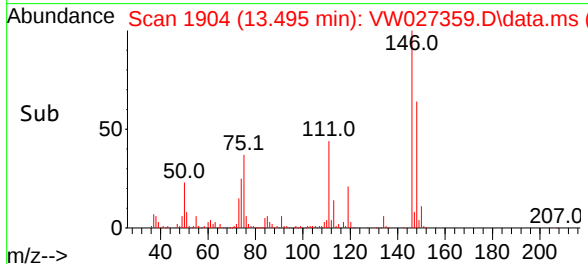
Instrument :
MSVOA_W
ClientSampleId :
EOAT5MSD



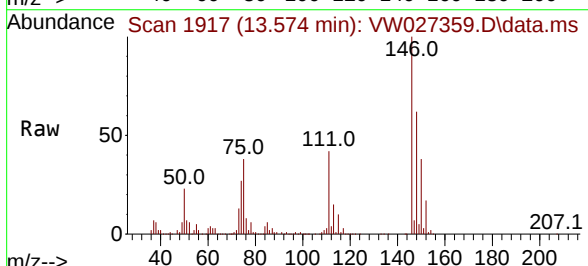
Tgt Ion:146 Resp: 11217
Ion Ratio Lower Upper
146 100
111 44.4 30.8 57.2
148 63.8 46.3 85.9

Manual Integrations
APPROVED

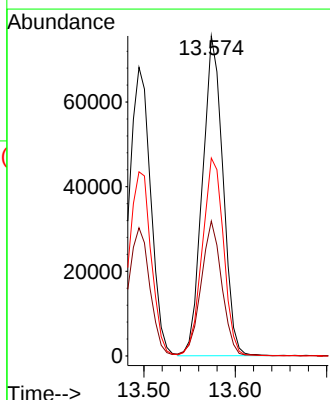
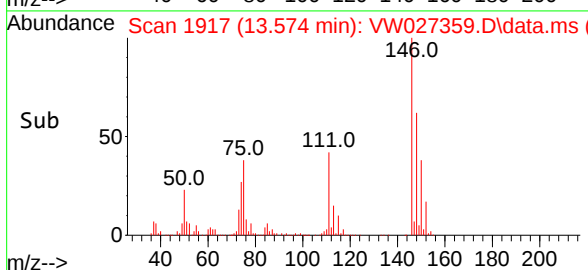
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023

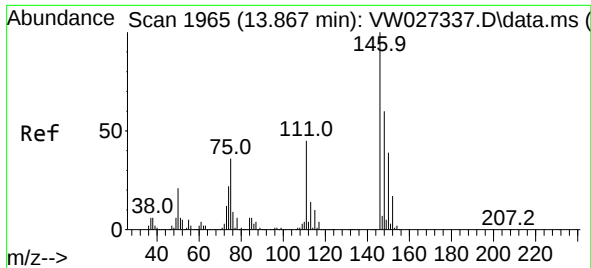


#65
1,4-Dichlorobenzene
Concen: 18.470 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36



Tgt Ion:146 Resp: 117827
Ion Ratio Lower Upper
146 100
111 42.1 29.5 54.9
148 61.9 43.0 79.8





#67

1,2-Dichlorobenzene

Concen: 19.237 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027359.D

Acq: 19 Oct 2023 19:36

Instrument :

MSVOA_W

ClientSampleId :

EOAT5MSD

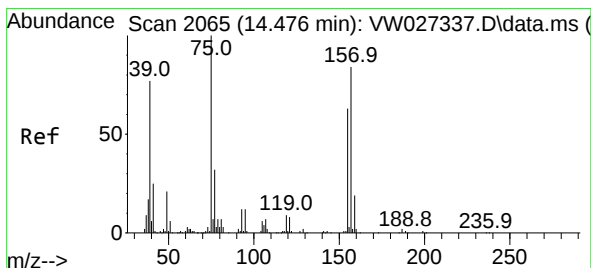
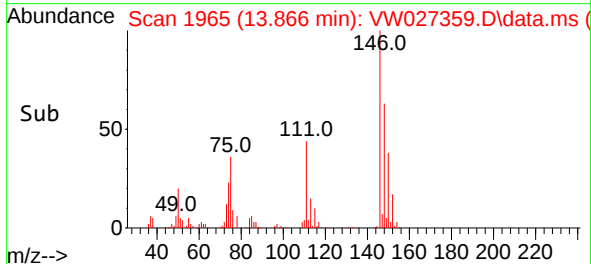
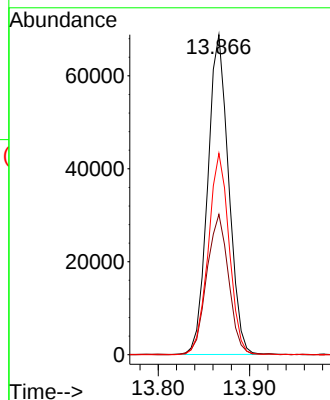
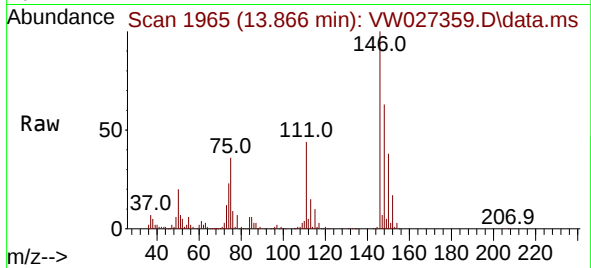
Tgt Ion:146 Resp: 10904

Ion	Ratio	Lower	Upper
146	100		
111	43.9	36.8	55.2
148	62.9	52.3	78.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#68

1,2-Dibromo-3-chloropropane

Concen: 30.764 ug/L

RT: 14.482 min Scan# 2066

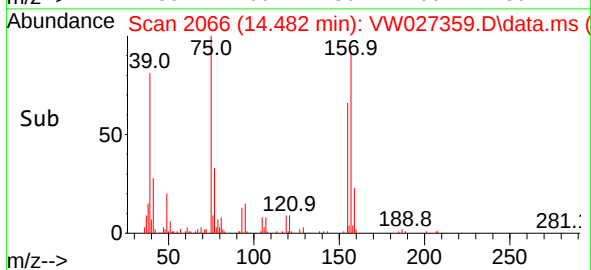
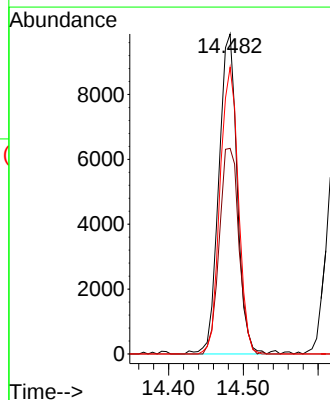
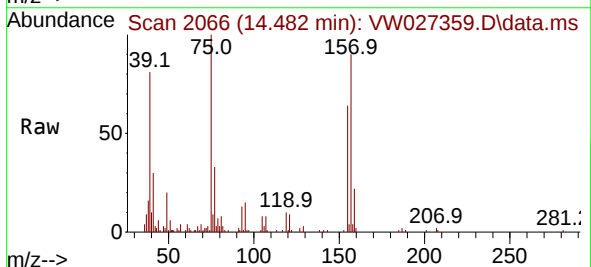
Delta R.T. 0.006 min

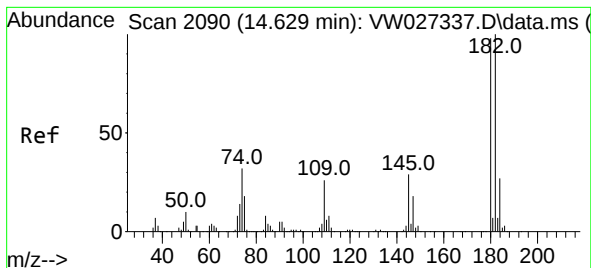
Lab File: VW027359.D

Acq: 19 Oct 2023 19:36

Tgt Ion: 75 Resp: 16835

Ion	Ratio	Lower	Upper
75	100		
155	64.2	54.9	82.3
157	89.6	64.7	97.1





#69

1,3,5-Trichlorobenzene

Concen: 11.253 ug/L

RT: 14.622 min Scan# 2090

Delta R.T. -0.006 min

Lab File: VW027359.D

Acq: 19 Oct 2023 19:36

Instrument :

MSVOA_W

ClientSampleId :

EOAT5MSD

Tgt Ion:180 Resp: 46660

Ion Ratio Lower Upper

180 100

182 89.9 73.4 110.0

184 28.9 23.3 34.9

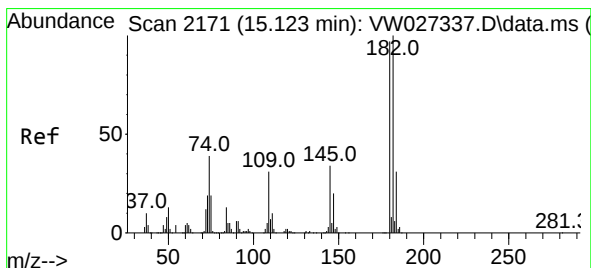
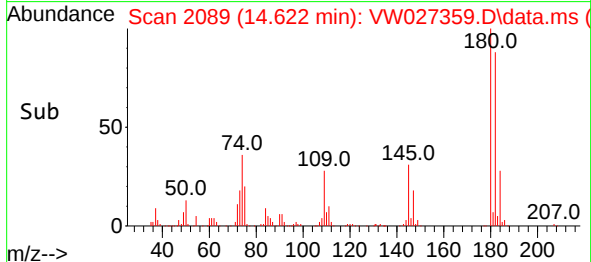
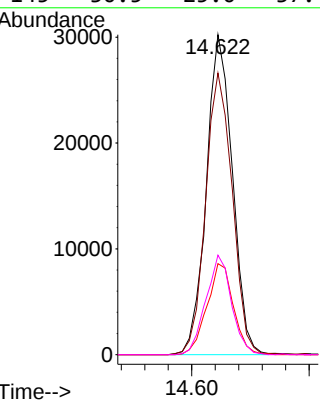
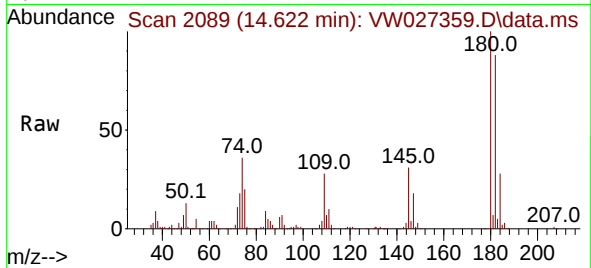
145 30.5 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023

Supervised By :Mahesh Dadoda 10/20/2023



#70

1,2,4-trichlorobenzene

Concen: 10.112 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW027359.D

Acq: 19 Oct 2023 19:36

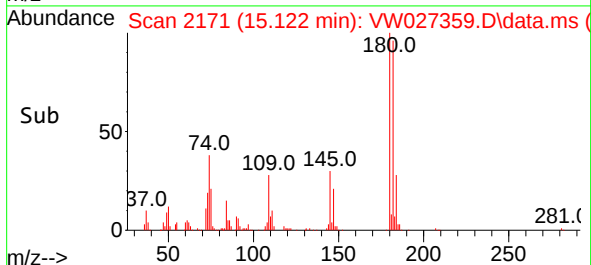
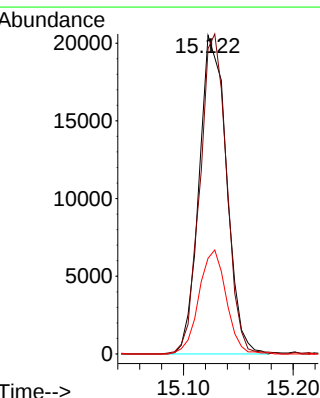
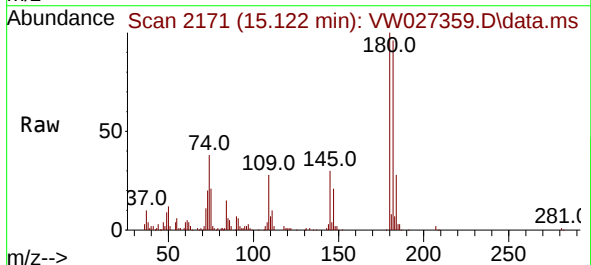
Tgt Ion:180 Resp: 35690

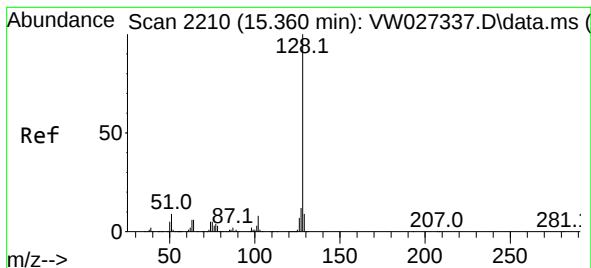
Ion Ratio Lower Upper

180 100

182 97.6 75.5 113.3

145 32.4 26.4 39.6





#71

Naphthalene

Concen: 17.047 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW027359.D

Acq: 19 Oct 2023 19:36

Instrument :

MSVOA_W

ClientSampleId :

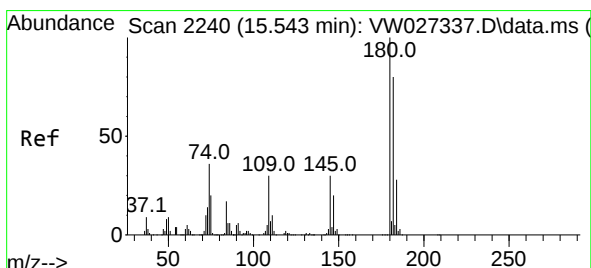
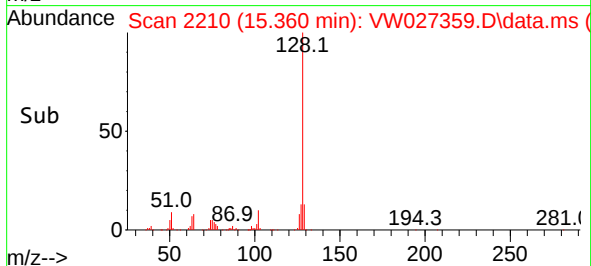
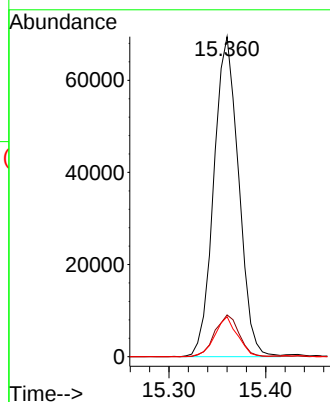
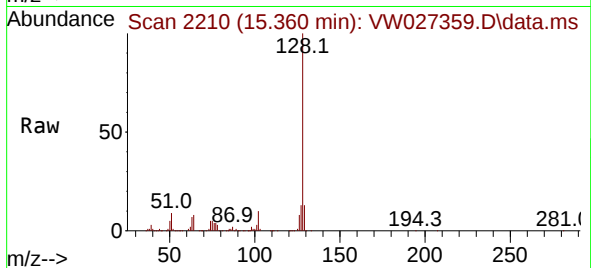
EOAT5MSD

Tgt Ion:128	Resp:	12373
Ion Ratio	Lower	Upper
128	100	
127	12.9	10.0 15.0
129	11.5	8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#72

1,2,3-Trichlorobenzene

Concen: 10.255 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW027359.D

Acq: 19 Oct 2023 19:36

Tgt Ion:180	Resp:	29765
Ion Ratio	Lower	Upper
180	100	
182	93.9	81.1 121.7
145	35.8	30.6 45.8

