

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
 Data File : VW027402.D
 Acq On : 23 Oct 2023 18:02
 Operator : SY/MD
 Sample : 04961-10MSD
 Misc : 5.92g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E0LJ3MSD

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/24/2023
 Supervised By : Mahesh Dadoda 10/24/2023

Quant Time: Oct 24 00:51:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Oct 21 04:25:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	458583	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	258406	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	49683	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	218214	31.179	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 124.720%	
7) Chloroethane-d5	2.899	69	177724	35.366	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 141.480%	
11) 1,1-Dichloroethene-d2	4.015	65	101133	28.839	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 115.360%#	
21) 2-Butanone-d5	7.075	46	141026	60.625	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 121.240%	
24) Chloroform-d	7.648	84	426899	31.233	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 124.920%	
26) 1,2-Dichloroethane-d4	8.307	65	216484	29.485	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 117.960%	
32) Benzene-d6	8.276	84	826473	47.273	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 189.080%#	
36) 1,2-Dichloropropane-d6	9.270	67	266333	49.875	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 199.520%#	
41) Toluene-d8	10.319	98	551840	34.808	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 139.240%#	
43) trans-1,3-Dichloroprop...	10.575	79	70742	29.056	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 116.240%	
47) 2-Hexanone-d5	10.922	63	93280	84.430	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 168.860%#	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	162918	40.892	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 163.560%#	
66) 1,2-Dichlorobenzene-d4	13.849	152	60932	33.843	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 135.360%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	138764m	25.432	ug/L	
3) Chloromethane	2.223	50	181999	29.025	ug/L	99
5) Vinyl chloride	2.375	62	192867	27.536	ug/L	95
6) Bromomethane	2.790	94	104061	26.084	ug/L	99
8) Chloroethane	2.930	64	111313	27.609	ug/L	95
9) Trichlorofluoromethane	3.271	101	146361	29.619	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	150241	24.280	ug/L	97
12) 1,1-Dichloroethene	4.039	96	146258	24.322	ug/L	90
13) Acetone	4.119	43	116684	58.076	ug/L	96
14) Carbon disulfide	4.387	76	403961	21.669	ug/L	98
15) Methyl Acetate	4.667	43	82880	24.152	ug/L	98
16) Methylene chloride	4.917	84	184501	21.979	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	173460	26.840	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	304130	27.276	ug/L	100
19) 1,1-Dichloroethane	6.222	63	386156	29.286	ug/L	96
20) cis-1,2-Dichloroethene	7.167	96	493876	67.670	ug/L	94
22) 2-Butanone	7.167	43	132611	44.096	ug/L	97
23) Bromochloromethane	7.514	128	71630	23.772	ug/L	88
25) Chloroform	7.679	83	313179	25.378	ug/L	97

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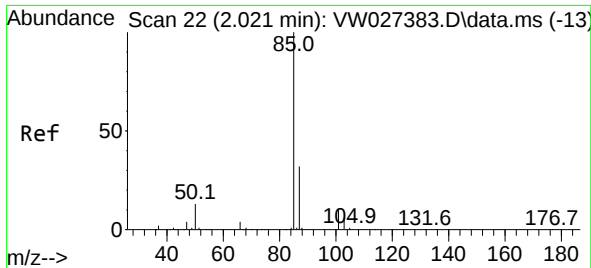
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 Quant Title : SFAM01.0
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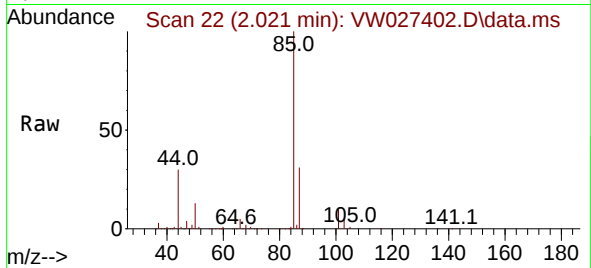
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	196796	23.476	ug/L	98
29) Cyclohexane	7.959	56	240043	30.595	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	259730	41.205	ug/L	98
31) Carbon tetrachloride	8.069	117	195716	34.435	ug/L	100
33) Benzene	8.325	78	647373	38.334	ug/L	100
34) Trichloroethene	9.093	95	203358	45.587	ug/L	97
35) Methylcyclohexane	9.337	83	165604	20.759	ug/L	98
37) 1,2-Dichloropropane	9.368	63	183454	40.176	ug/L	99
38) Bromodichloromethane	9.642	83	197515	35.178	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	218937	29.025	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	231664	73.772	ug/L	98
42) Toluene	10.386	91	521208	29.420	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	152311	23.931	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	105438	33.555	ug/L	93
46) Tetrachloroethene	10.861	164	75113	24.386	ug/L	94
48) 2-Hexanone	10.965	43	162147	69.763	ug/L	98
49) Dibromochloromethane	11.123	129	96954	27.784	ug/L	96
50) 1,2-Dibromoethane	11.233	107	76710	25.180	ug/L	99
51) Chlorobenzene	11.654	112	234305	21.120	ug/L	98
52) Ethylbenzene	11.727	91	424778	20.633	ug/L	95
53) m,p-Xylene	11.837	106	150146	19.229	ug/L	97
54) o-Xylene	12.160	106	185902	24.862	ug/L	97
55) Styrene	12.178	104	214396	16.789	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.709	83	116421	30.351	ug/L	94
59) Bromoform	12.349	173	42986	58.145	ug/L	97
60) Isopropylbenzene	12.459	105	411546	52.729	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	85337	78.665	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	302792	46.509	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	248523	39.015	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	69944	22.099	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	62294	19.709	ug/L	89
67) 1,2-Dichlorobenzene	13.867	146	77035	27.429	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.477	75	15727	58.007	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	28489	13.866	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	13983	7.996	ug/L	94
71) Naphthalene	15.360	128	65959	18.341	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	15973	11.108	ug/L	88

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



#2
Dichlorodifluoromethane
Concen: 25.432 ug/L m
RT: 2.021 min Scan# 21
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

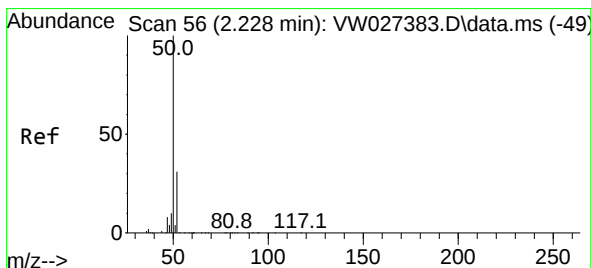
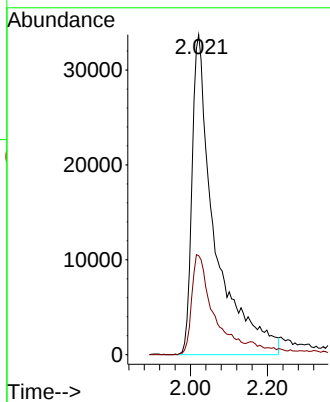
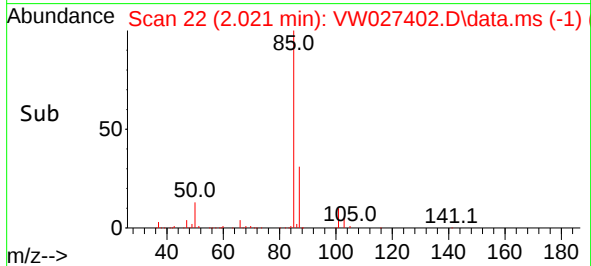
Instrument :
MSVOA_W
ClientSampleId :
E0LJ3MSD



Tgt Ion: 85 Resp: 138764
Ion Ratio Lower Upper
85 100
87 26.8 18.3 27.5

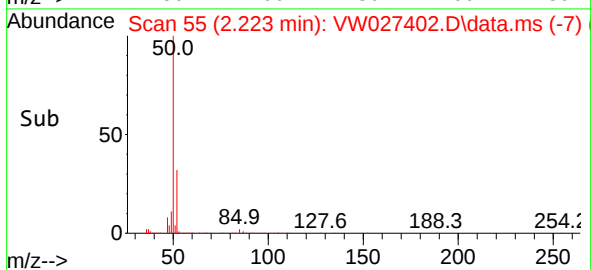
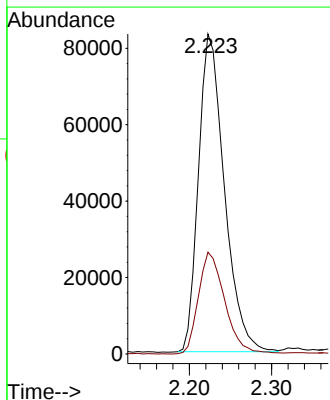
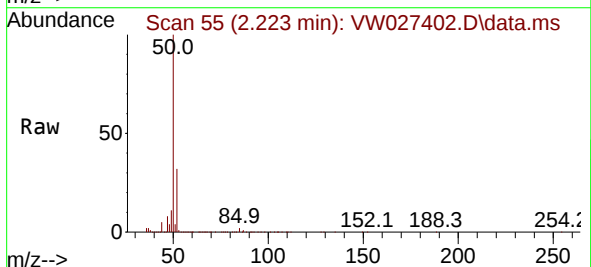
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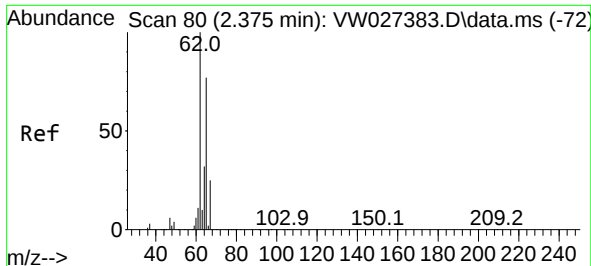
Reviewed By :Semsettin Yesilyurt 10/24/2023
Supervised By :Mahesh Dadoda 10/24/2023



#3
Chloromethane
Concen: 29.025 ug/L
RT: 2.223 min Scan# 55
Delta R.T. -0.006 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

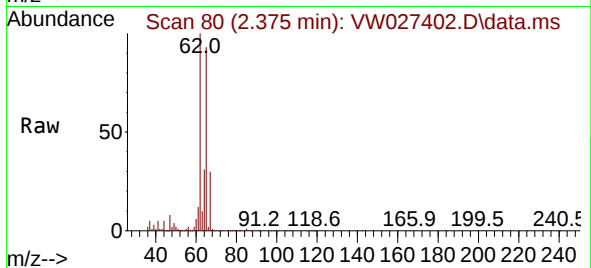
Tgt Ion: 50 Resp: 181999
Ion Ratio Lower Upper
50 100
52 31.8 22.7 42.3





#5
 Vinyl chloride
 Concen: 27.536 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW027402.D
 Acq: 23 Oct 2023 18:02

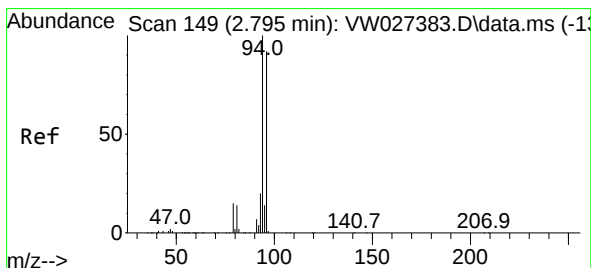
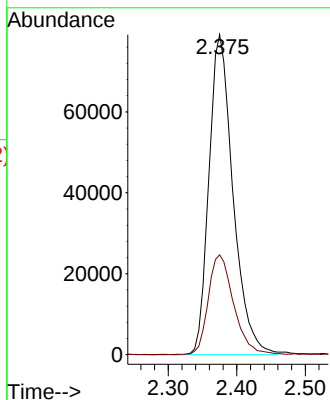
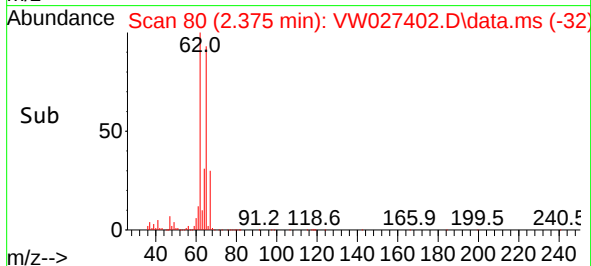
Instrument :
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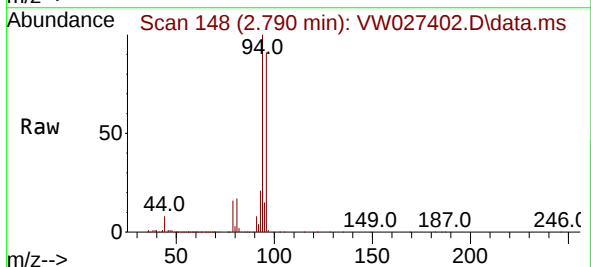
Tgt Ion: 62 Resp: 19286
 Ion Ratio Lower Upper
 62 100
 64 31.2 23.8 44.2

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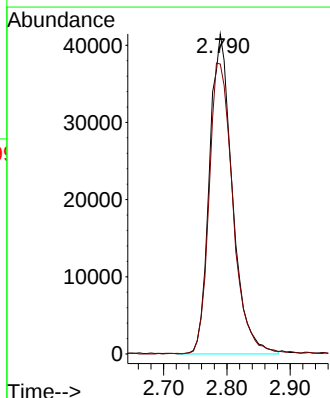
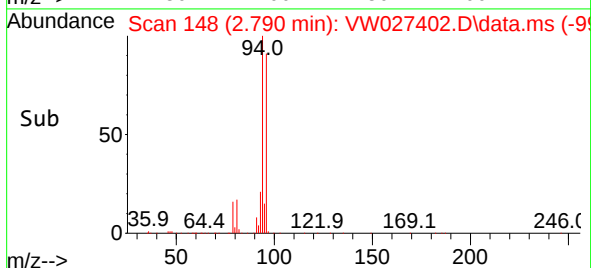
Reviewed By :Semsettin Yesilyurt 10/24/2023
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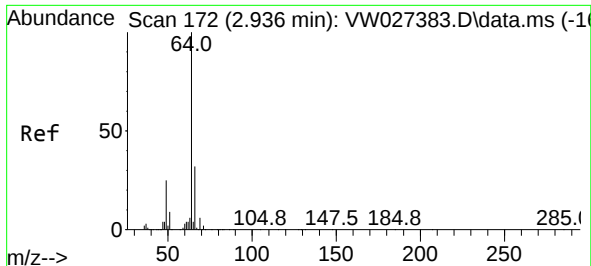


#6
 Bromomethane
 Concen: 26.084 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.001 min
 Lab File: VW027402.D
 Acq: 23 Oct 2023 18:02



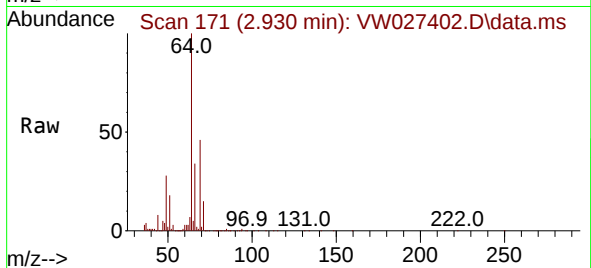
Tgt Ion: 94 Resp: 104061
 Ion Ratio Lower Upper
 94 100
 96 90.6 62.9 116.9





#8
Chloroethane
Concen: 27.609 ug/L
RT: 2.930 min Scan# 172
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

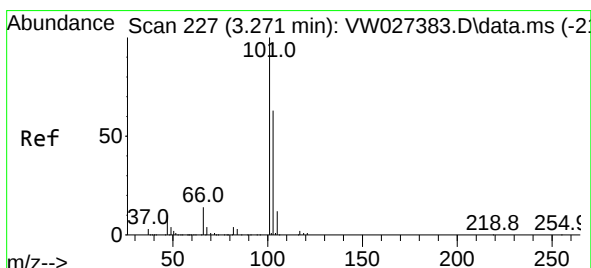
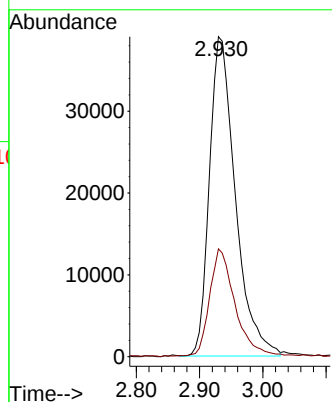
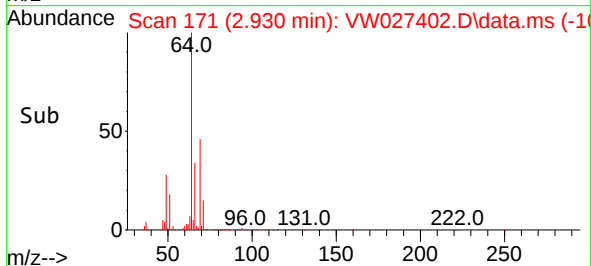
Instrument :
MSVOA_W
ClientSampleId :
E0LJ3MSD



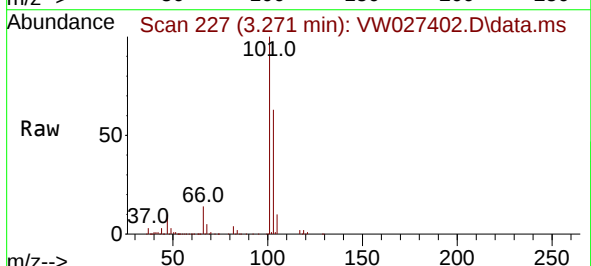
Tgt Ion: 64 Resp: 11131
Ion Ratio Lower Upper
64 100
66 33.7 21.7 40.3

Manual Integrations
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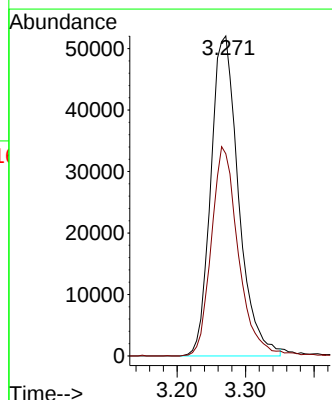
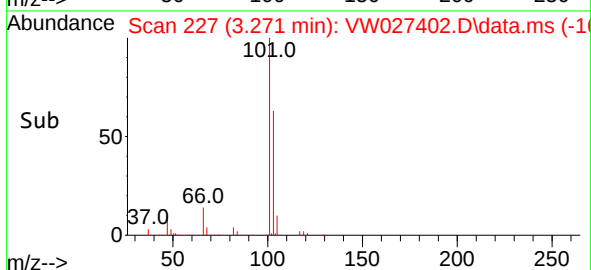
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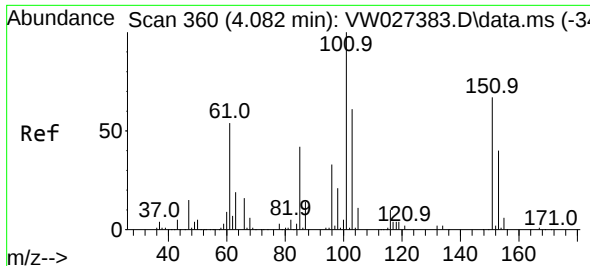


#9
Trichlorofluoromethane
Concen: 29.619 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.007 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02



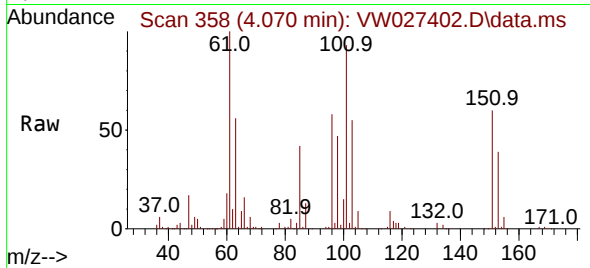
Tgt Ion:101 Resp: 146361
Ion Ratio Lower Upper
101 100
103 63.2 51.6 77.4





#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.280 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. -0.006 min
 Lab File: VW027402.D
 Acq: 23 Oct 2023 18:02

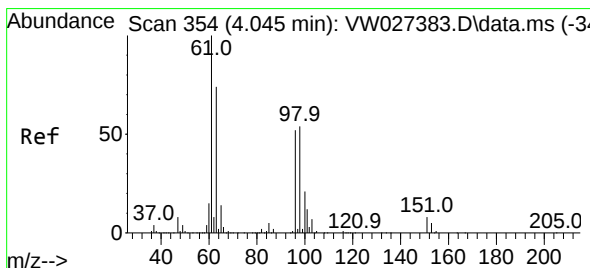
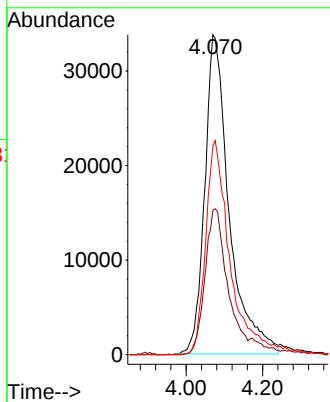
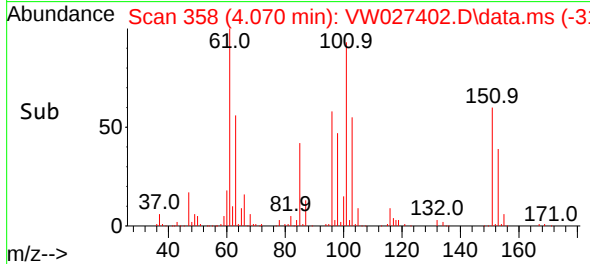
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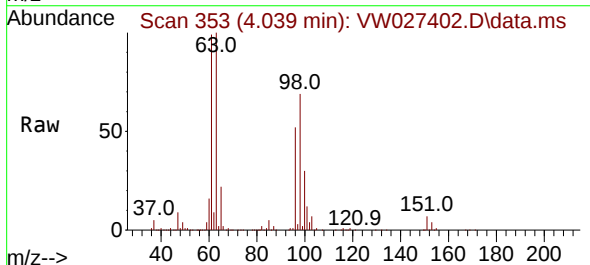
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 Ion Ratio Lower Upper
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 151 65.6 49.5 74.3

Manual Integrations
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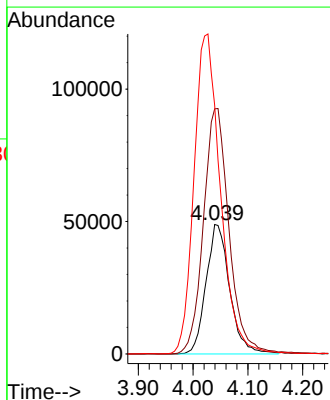
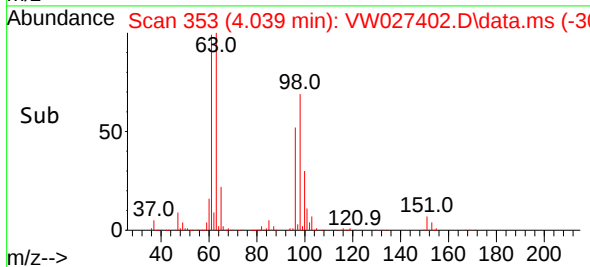
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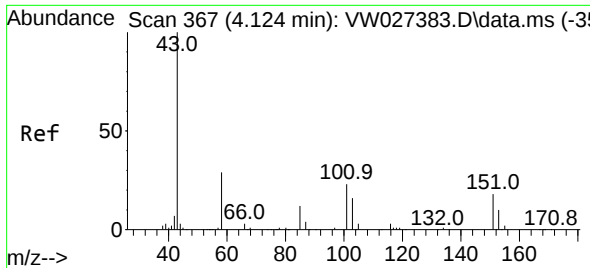


#12
 1,1-Dichloroethene
 Concen: 24.322 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.012 min
 Lab File: VW027402.D
 Acq: 23 Oct 2023 18:02



Tgt Ion: 96 Resp: 146258
 Ion Ratio Lower Upper
 96 100
 61 189.3 133.3 247.5
 63 192.0 115.8 215.2





#13

Acetone

Concen: 58.076 ug/L

RT: 4.119 min Scan# 30

Delta R.T. 0.001 min

Lab File: VW027402.D

Acq: 23 Oct 2023 18:02

Instrument :

MSVOA_W

ClientSampleId :

E0LJ3MSD

Tgt Ion: 43 Resp: 116684

Ion Ratio Lower Upper

43 100

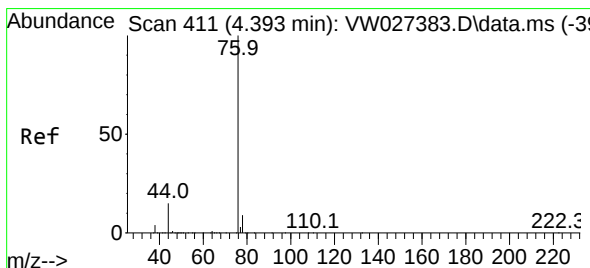
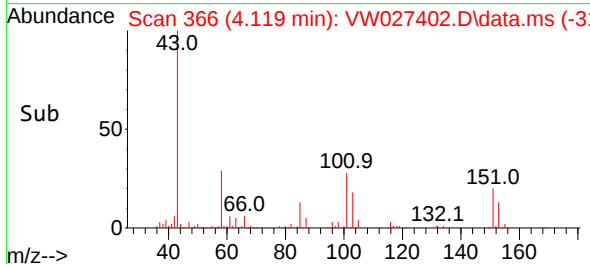
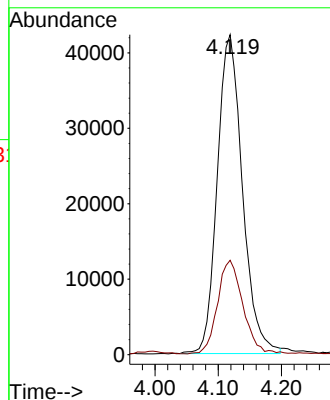
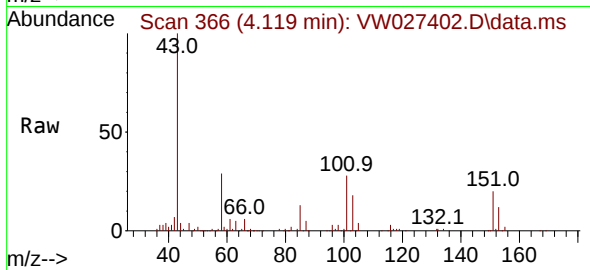
58 28.4 0.0 60.8

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 10/24/2023



#14

Carbon disulfide

Concen: 21.669 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.006 min

Lab File: VW027402.D

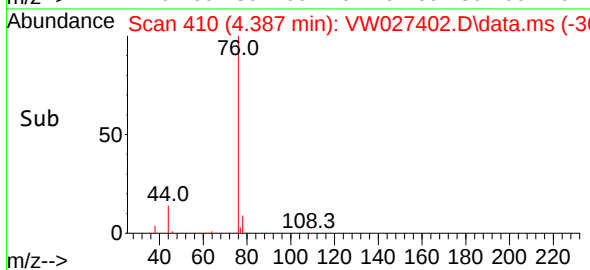
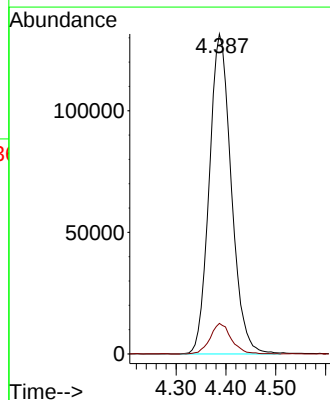
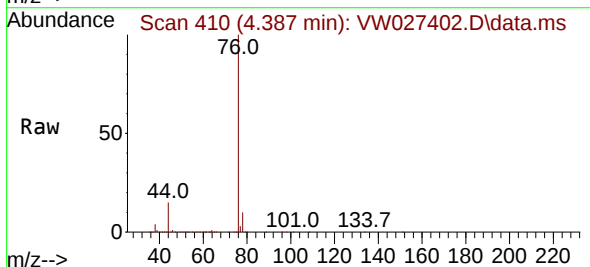
Acq: 23 Oct 2023 18:02

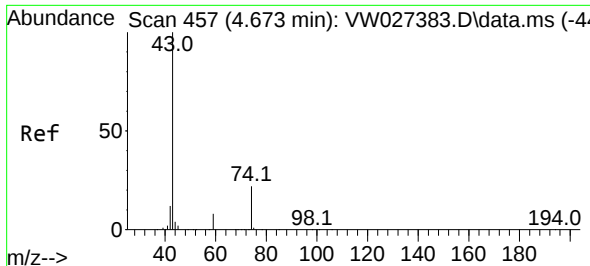
Tgt Ion: 76 Resp: 403961

Ion Ratio Lower Upper

76 100

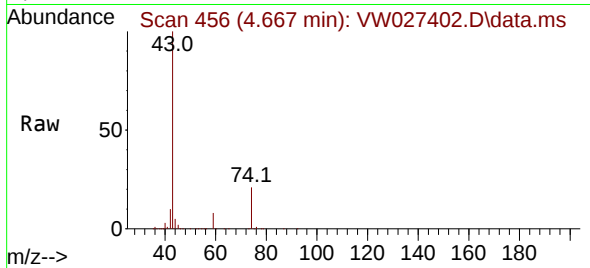
78 9.5 7.2 10.8





#15
Methyl Acetate
Concen: 24.152 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

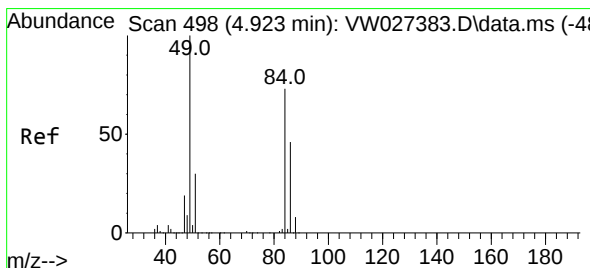
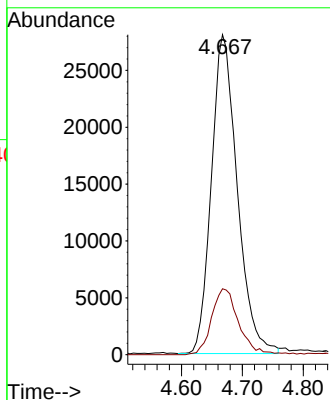
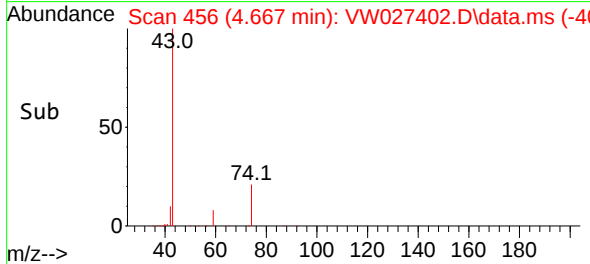
Instrument :
MSVOA_W
ClientSampleId :
E0LJ3MSD



Tgt Ion: 43 Resp: 82880
Ion Ratio Lower Upper
43 100
74 21.1 17.5 26.3

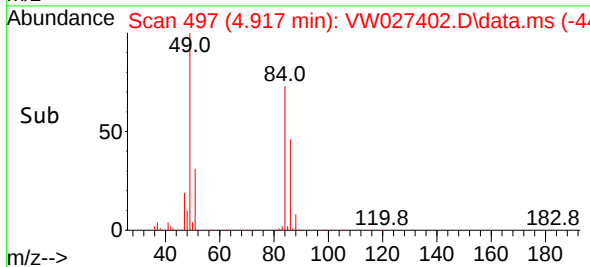
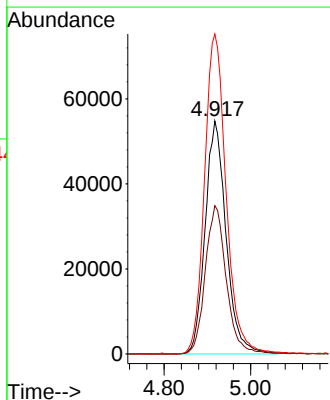
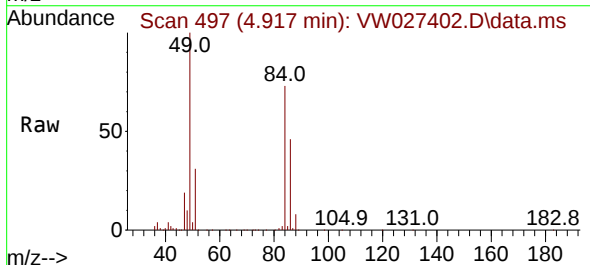
Manual Integrations
APPROVED

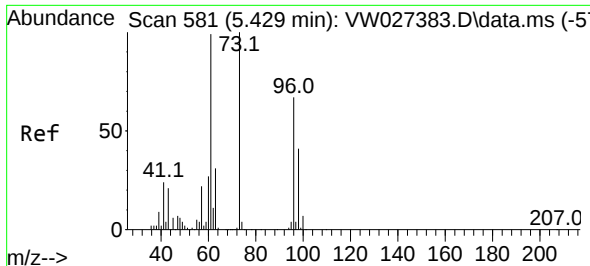
Reviewed By :Semsettin Yesilyurt 10/24/2023
Supervised By :Mahesh Dadoda 10/24/2023



#16
Methylene chloride
Concen: 21.979 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

Tgt Ion: 84 Resp: 184501
Ion Ratio Lower Upper
84 100
86 63.6 41.3 76.7
49 137.3 92.8 172.4





#17

trans-1,2-Dichloroethene

Concen: 26.840 ug/L

RT: 5.423 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW027402.D

Acq: 23 Oct 2023 18:02

Instrument :

MSVOA_W

ClientSampleId :

E0LJ3MSD

Tgt Ion: 96 Resp: 173460

Ion Ratio Lower Upper

96 100

61 148.5 105.6 196.0

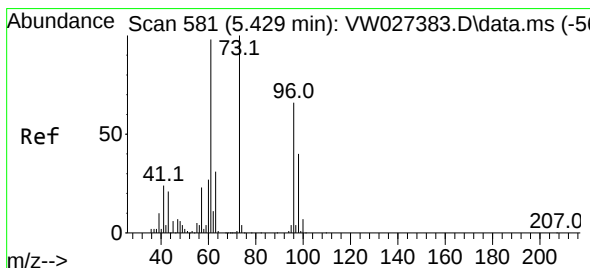
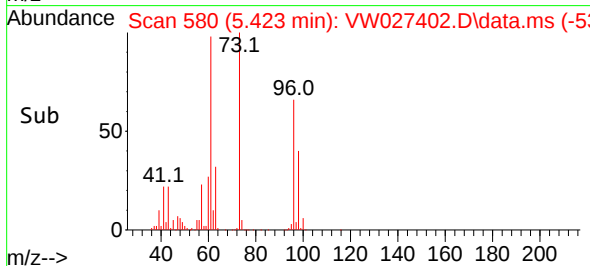
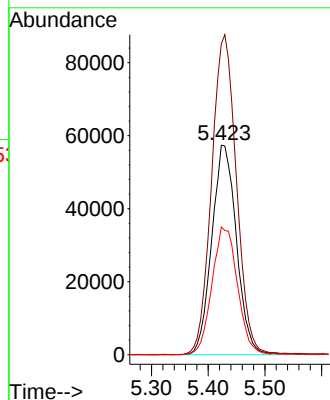
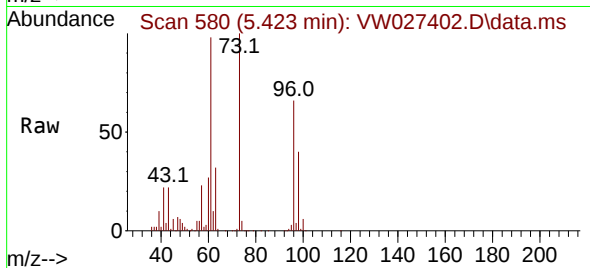
98 61.0 45.0 83.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2023

Supervised By :Mahesh Dadoda 10/24/2023



#18

Methyl tert-butyl Ether

Concen: 27.276 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW027402.D

Acq: 23 Oct 2023 18:02

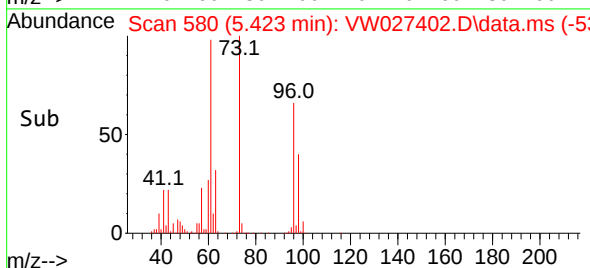
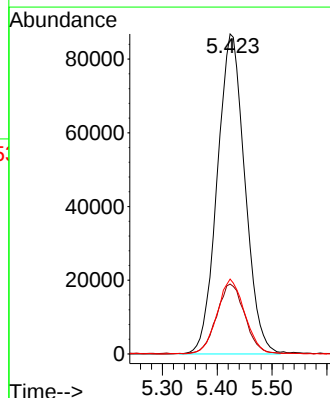
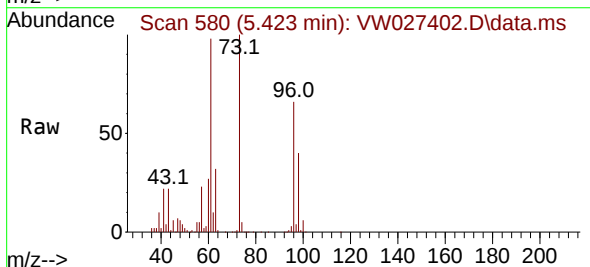
Tgt Ion: 73 Resp: 304130

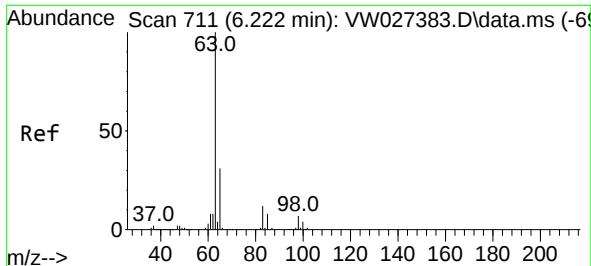
Ion Ratio Lower Upper

73 100

43 21.9 17.7 26.5

57 23.3 18.5 27.7





#19

1,1-Dichloroethane

Concen: 29.286 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.001 min

Lab File: VW027402.D

Acq: 23 Oct 2023 18:02

Instrument :

MSVOA_W

ClientSampleId :

E0LJ3MSD

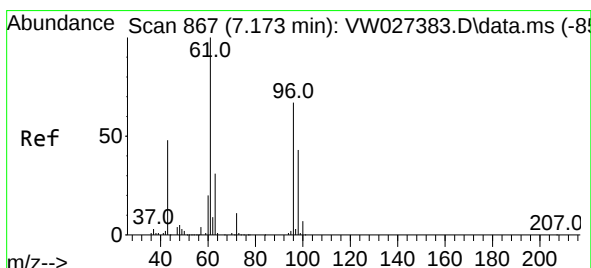
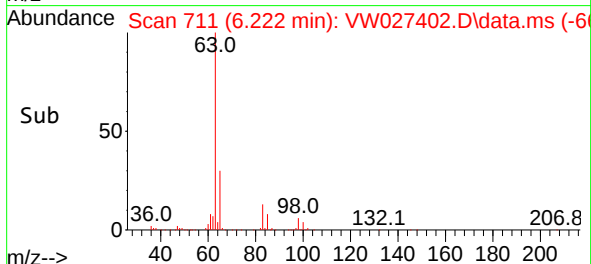
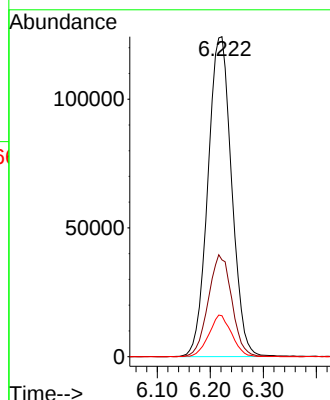
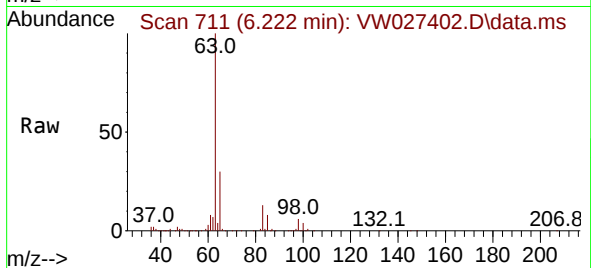
Tgt Ion: 63 Resp: 38615

Ion	Ratio	Lower	Upper
63	100		
65	30.3	22.9	42.5
83	12.8	9.6	17.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2023
Supervised By :Mahesh Dadoda 10/24/2023



#20

cis-1,2-Dichloroethene

Concen: 67.670 ug/L

RT: 7.167 min Scan# 866

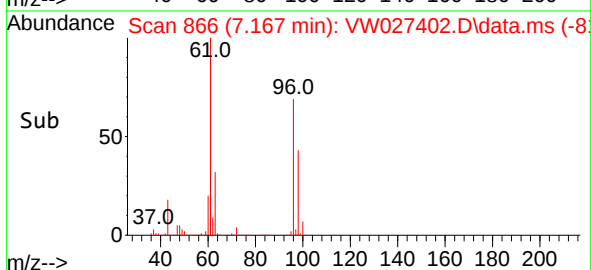
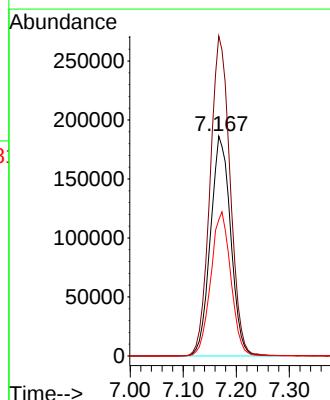
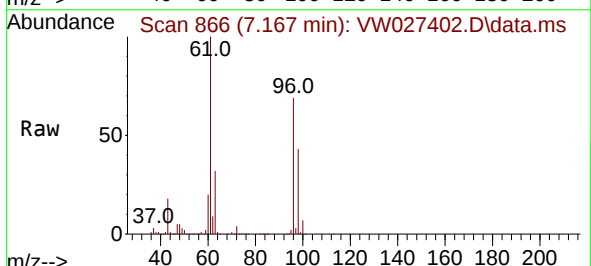
Delta R.T. -0.006 min

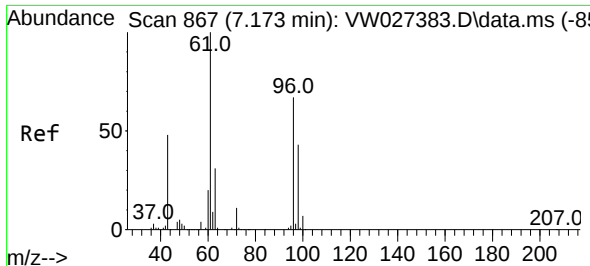
Lab File: VW027402.D

Acq: 23 Oct 2023 18:02

Tgt Ion: 96 Resp: 493876

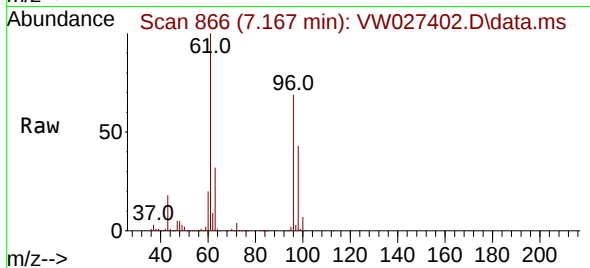
Ion	Ratio	Lower	Upper
96	100		
61	145.5	96.2	178.8
98	61.9	46.0	85.4





#22
2-Butanone
Concen: 44.096 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

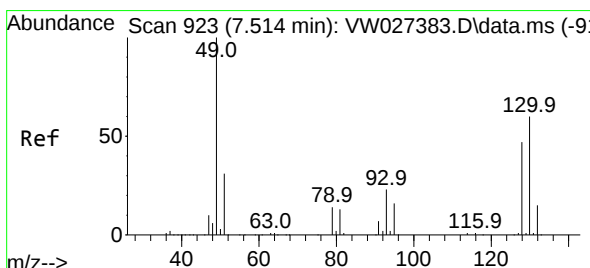
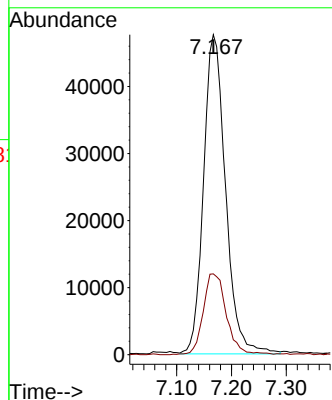
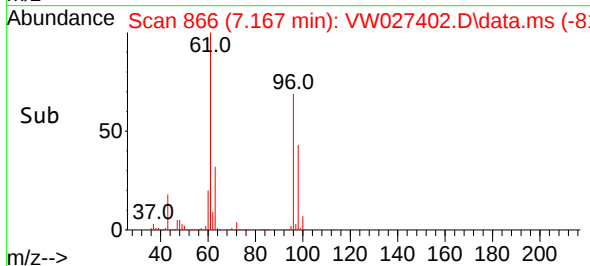
Instrument :
MSVOA_W
ClientSampleId :
E0LJ3MSD



Tgt Ion: 43 Resp: 13261
Ion Ratio Lower Upper
43 100
72 26.2 12.3 36.8

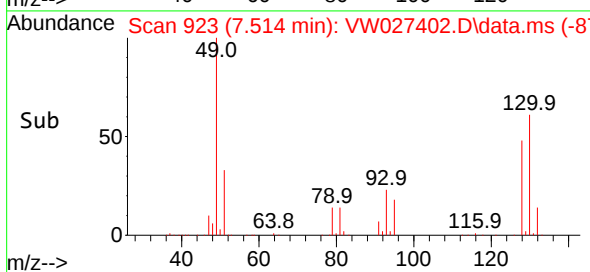
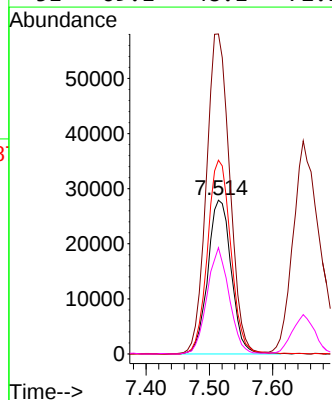
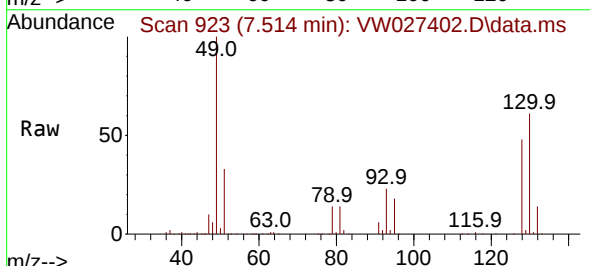
Manual Integrations
APPROVED

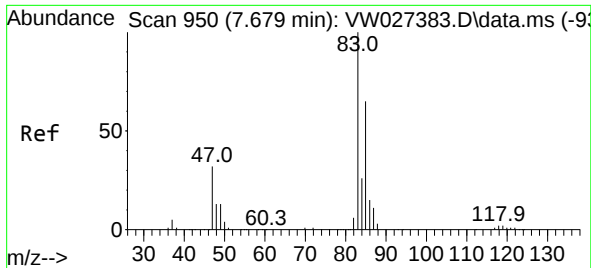
Reviewed By :Semsettin Yesilyurt 10/24/2023
Supervised By :Mahesh Dadoda 10/24/2023



#23
Bromochloromethane
Concen: 23.772 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

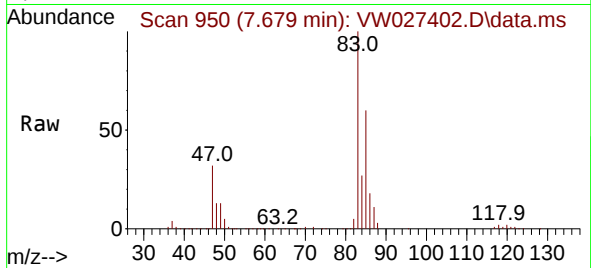
Tgt Ion:128 Resp: 71630
Ion Ratio Lower Upper
128 100
49 208.1 128.9 239.5
130 126.0 85.0 157.8
51 69.1 48.1 72.1





#25
Chloroform
Concen: 25.378 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

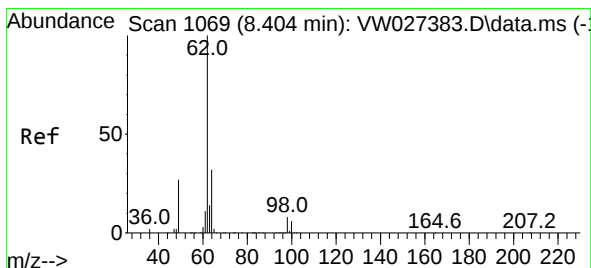
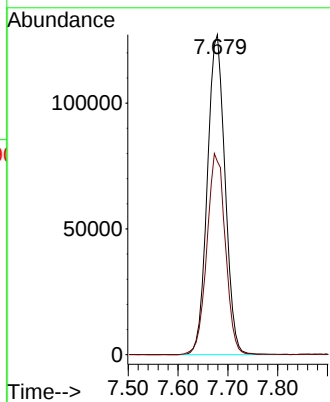
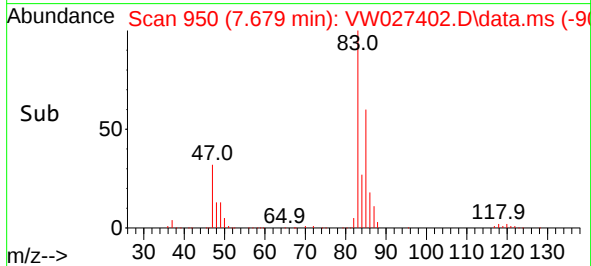
Instrument :
MSVOA_W
ClientSampleId :
E0LJ3MSD



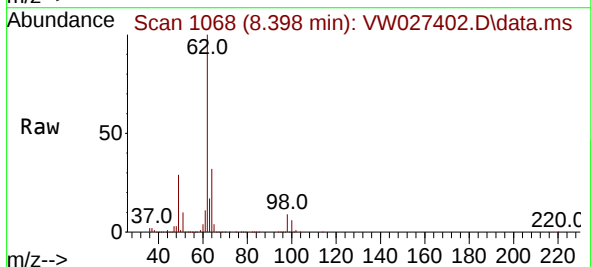
Tgt Ion: 83 Resp: 313179
Ion Ratio Lower Upper
83 100
85 60.4 44.1 81.9

Manual Integrations
APPROVED

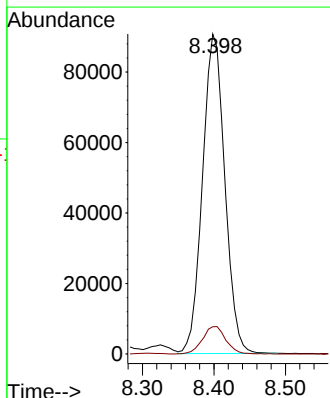
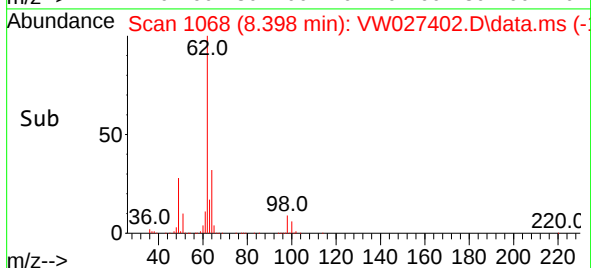
Reviewed By :Semsettin Yesilyurt 10/24/2023
Supervised By :Mahesh Dadoda 10/24/2023

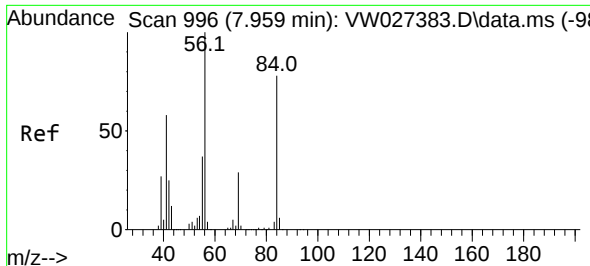


#27
1,2-Dichloroethane
Concen: 23.476 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02



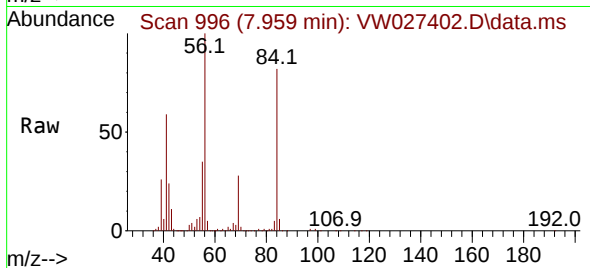
Tgt Ion: 62 Resp: 196796
Ion Ratio Lower Upper
62 100
98 8.5 7.5 11.3





#29
Cyclohexane
Concen: 30.595 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

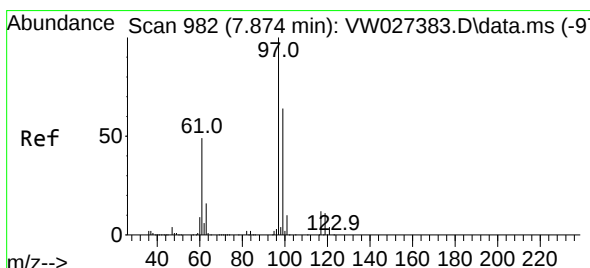
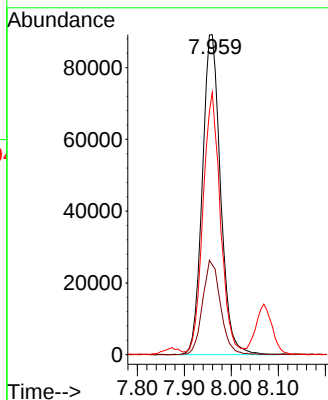
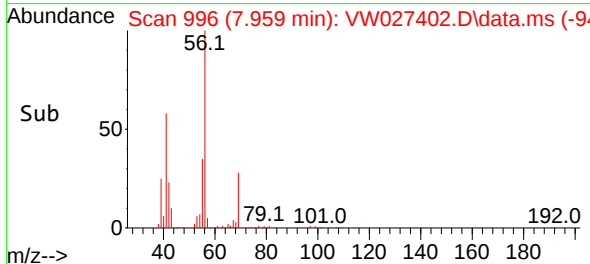
Instrument :
MSVOA_W
ClientSampleId :
E0LJ3MSD



Tgt Ion: 56 Resp: 24004
Ion Ratio Lower Upper
56 100
69 29.0 24.2 36.4
84 78.9 65.1 97.7

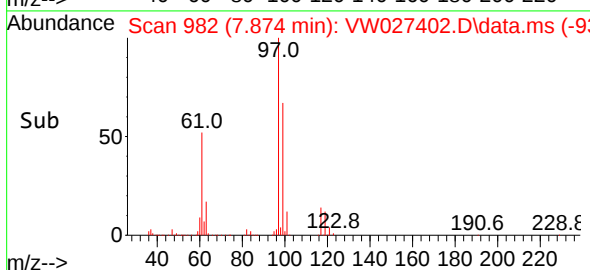
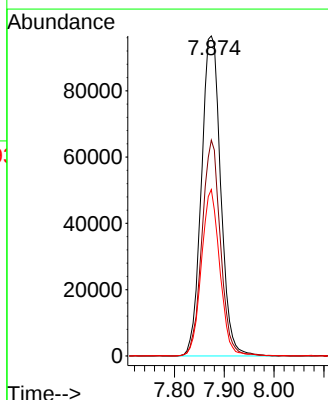
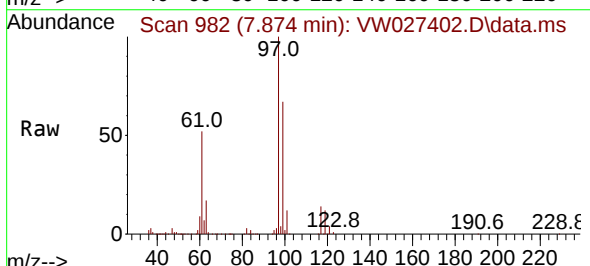
Manual Integrations
APPROVED

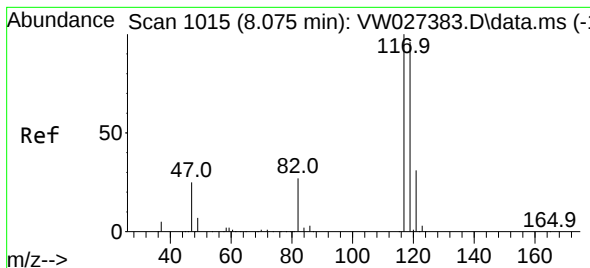
Reviewed By :Semsettin Yesilyurt 10/24/2023
Supervised By :Mahesh Dadoda 10/24/2023



#30
1,1,1-Trichloroethane
Concen: 41.205 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

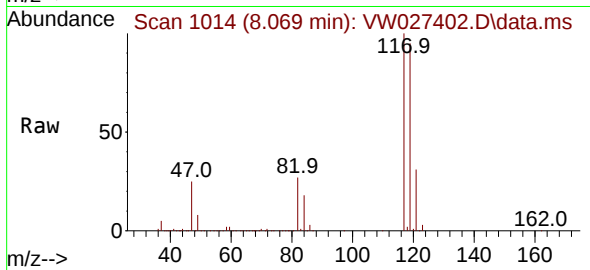
Tgt Ion: 97 Resp: 259730
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.0
61 49.1 37.4 56.0





#31
Carbon tetrachloride
Concen: 34.435 ug/L
RT: 8.069 min Scan# 1015
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

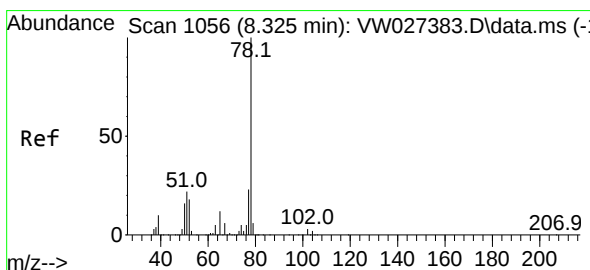
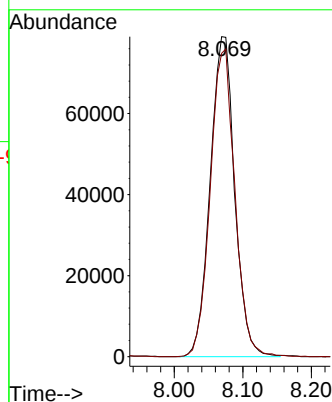
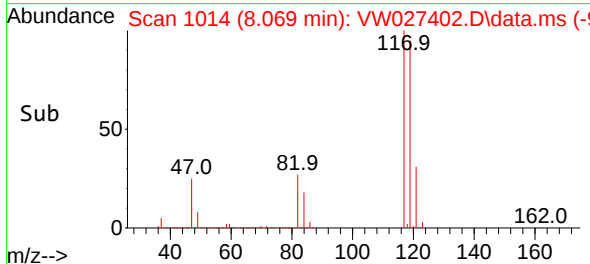
Instrument :
MSVOA_W
ClientSampleId :
E0LJ3MSD



Tgt Ion:117 Resp: 195710
Ion Ratio Lower Upper
117 100
119 96.8 77.1 115.7

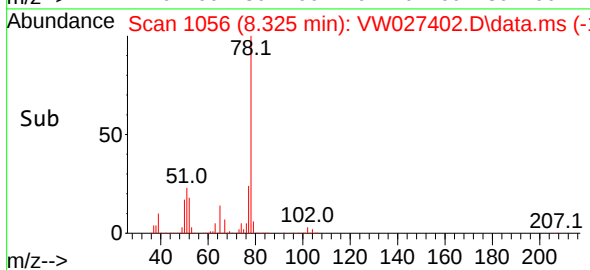
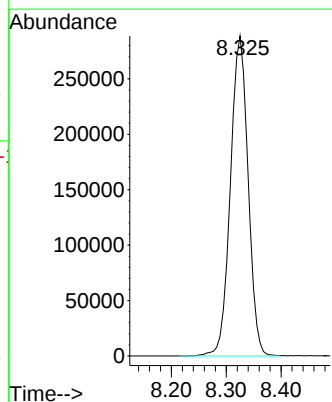
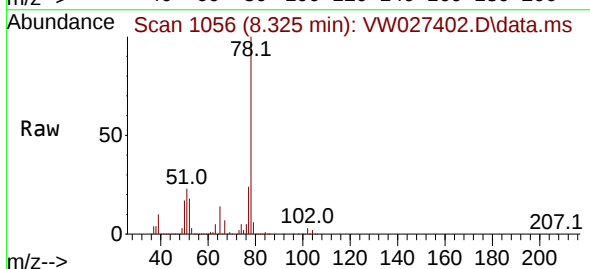
Manual Integrations
APPROVED

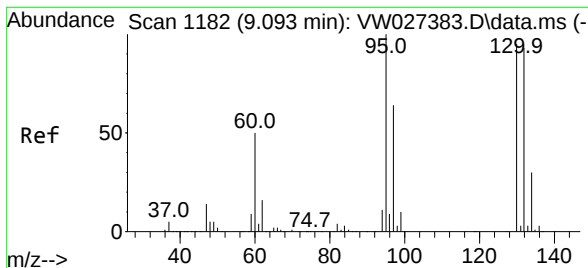
Reviewed By :Semsettin Yesilyurt 10/24/2023
Supervised By :Mahesh Dadoda 10/24/2023



#33
Benzene
Concen: 38.334 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

Tgt Ion: 78 Resp: 647373





#34

Trichloroethene

Concen: 45.587 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.001 min

Lab File: VW027402.D

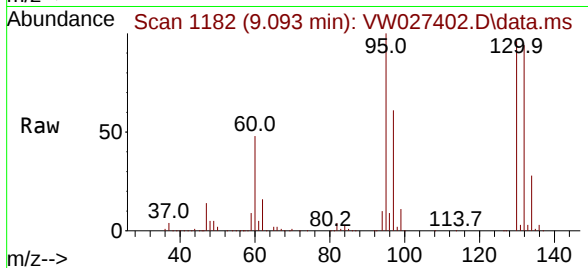
Acq: 23 Oct 2023 18:02

Instrument :

MSVOA_W

ClientSampleId :

E0LJ3MSD



Tgt Ion: 95 Resp: 203358

Ion Ratio Lower Upper

95 100

97 60.5 43.4 80.6

132 94.1 67.6 125.6

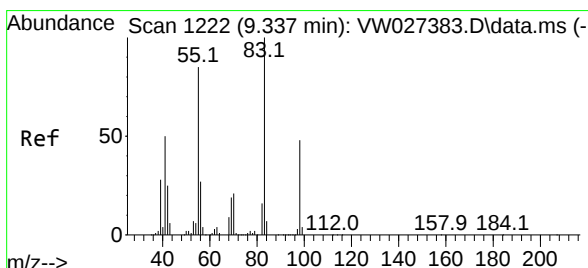
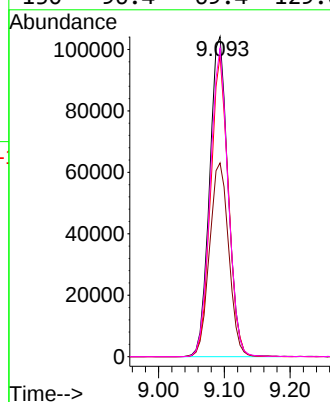
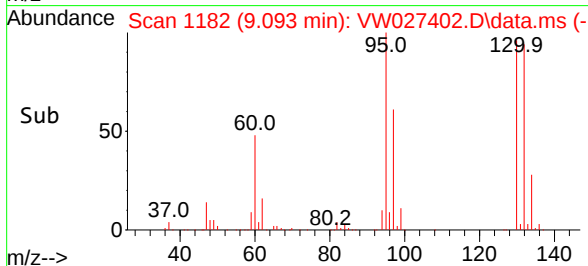
130 96.4 69.4 129.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2023

Supervised By :Mahesh Dadoda 10/24/2023



#35

Methylcyclohexane

Concen: 20.759 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.001 min

Lab File: VW027402.D

Acq: 23 Oct 2023 18:02

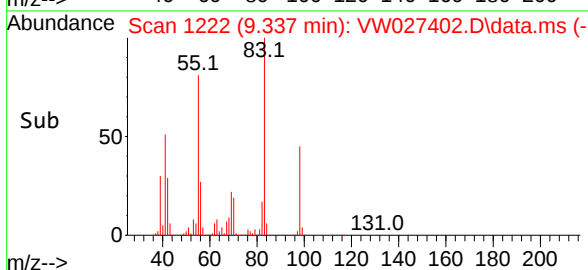
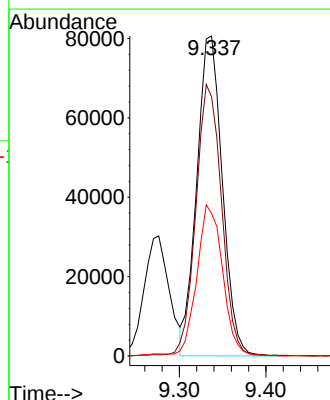
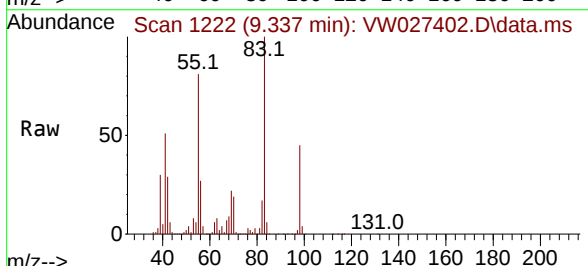
Tgt Ion: 83 Resp: 165604

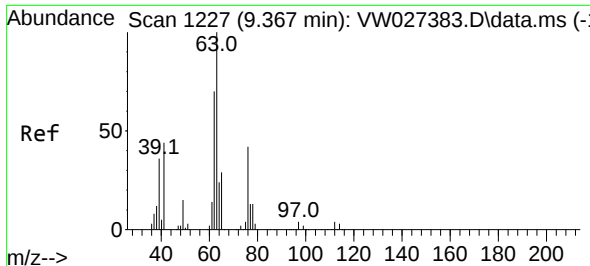
Ion Ratio Lower Upper

83 100

55 84.9 65.8 98.8

98 47.5 38.1 57.1





#37

1,2-Dichloropropane

Concen: 40.176 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.001 min

Lab File: VW027402.D

Acq: 23 Oct 2023 18:02

Instrument :

MSVOA_W

ClientSampleId :

E0LJ3MSD

Tgt Ion: 63 Resp: 183454

Ion Ratio Lower Upper

63 100

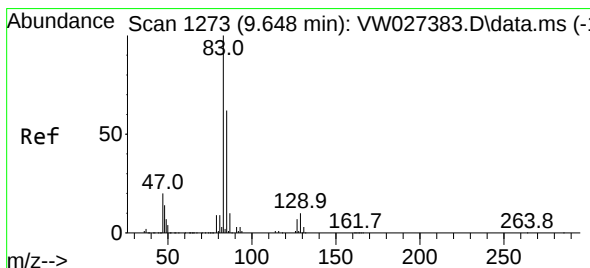
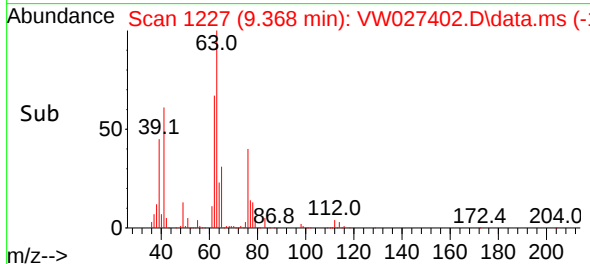
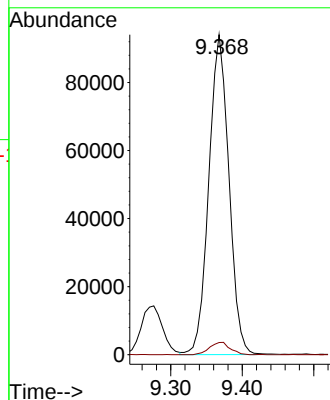
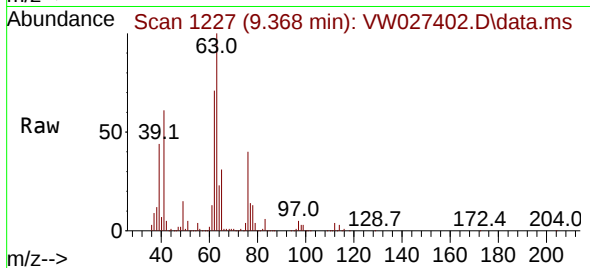
112 3.9 3.5 5.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2023

Supervised By :Mahesh Dadoda 10/24/2023



#38

Bromodichloromethane

Concen: 35.178 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.001 min

Lab File: VW027402.D

Acq: 23 Oct 2023 18:02

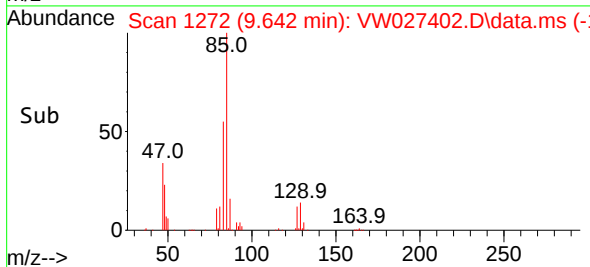
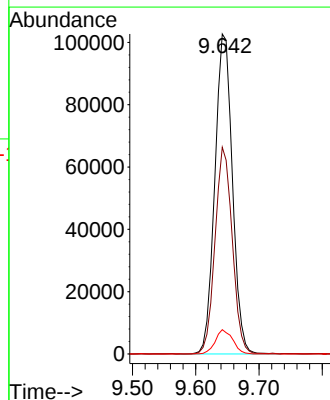
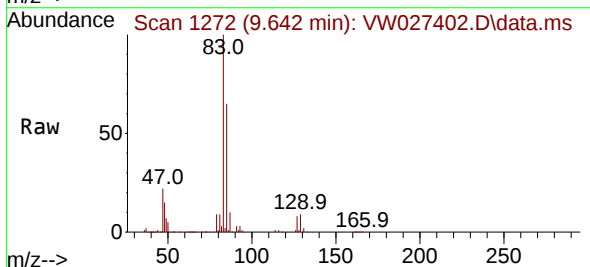
Tgt Ion: 83 Resp: 197515

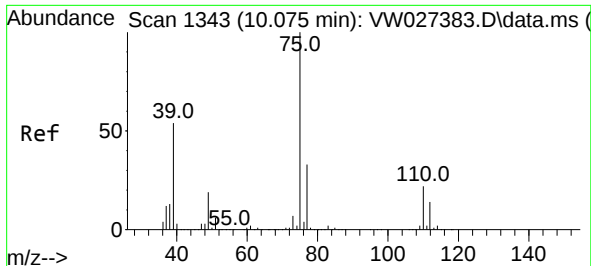
Ion Ratio Lower Upper

83 100

85 64.6 43.9 81.5

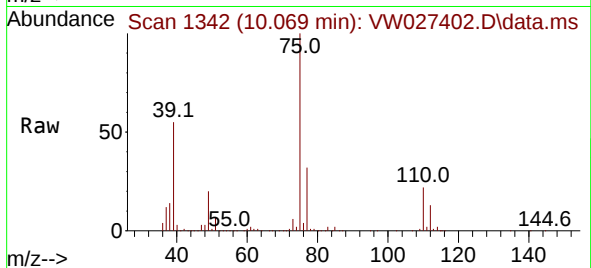
127 7.6 6.2 9.2





#39
cis-1,3-Dichloropropene
Concen: 29.025 ug/L
RT: 10.069 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

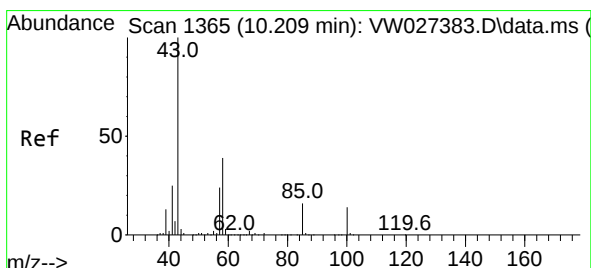
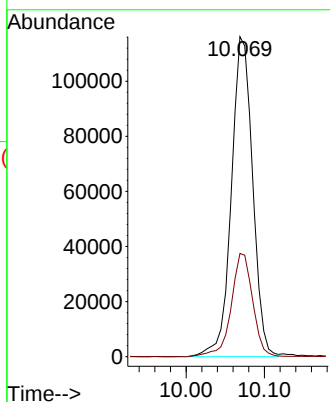
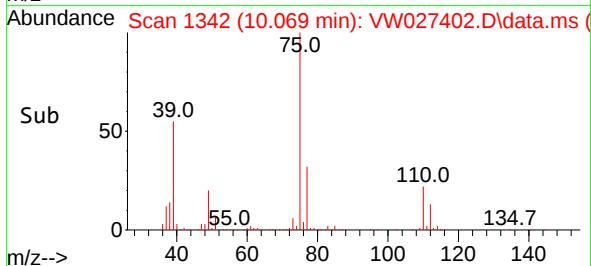
Instrument :
MSVOA_W
ClientSampleId :
E0LJ3MSD



Tgt Ion: 75 Resp: 21893
Ion Ratio Lower Upper
75 100
77 32.3 21.9 40.7

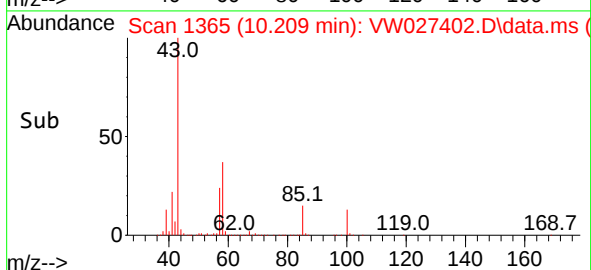
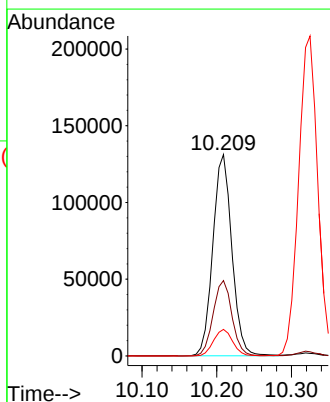
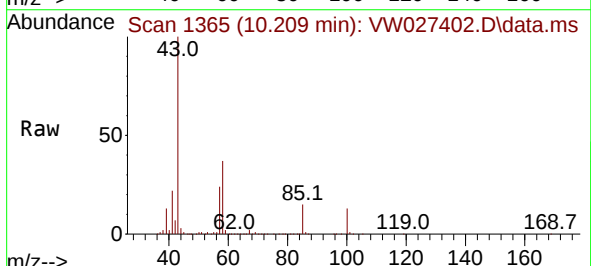
Manual Integrations
APPROVED

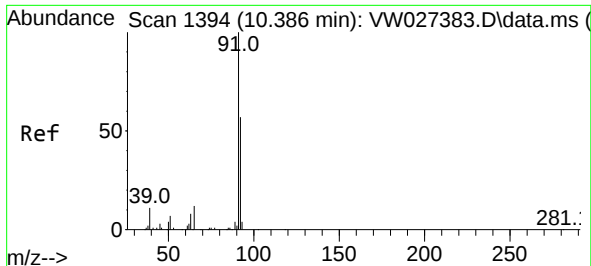
Reviewed By :Semsettin Yesilyurt 10/24/2023
Supervised By :Mahesh Dadoda 10/24/2023



#40
4-Methyl-2-pentanone
Concen: 73.772 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

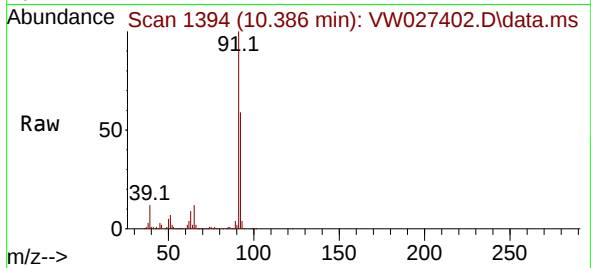
Tgt Ion: 43 Resp: 231664
Ion Ratio Lower Upper
43 100
58 37.2 30.5 45.7
100 13.4 11.5 17.3





#42
Toluene
Concen: 29.420 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

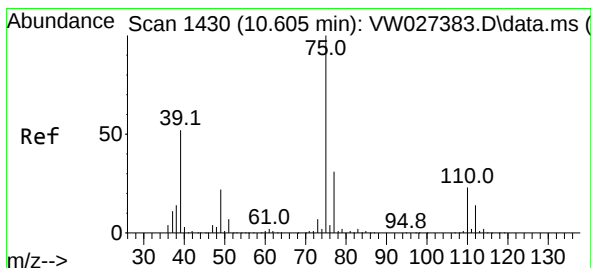
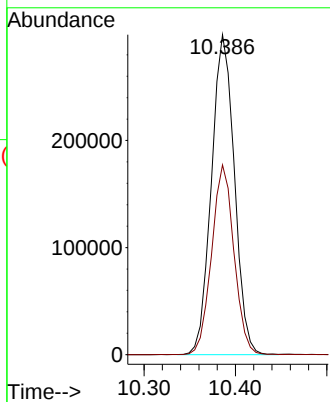
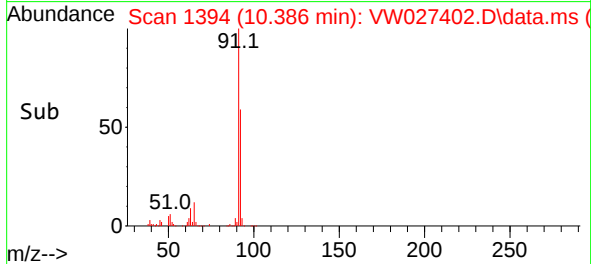
Instrument :
MSVOA_W
ClientSampleId :
E0LJ3MSD



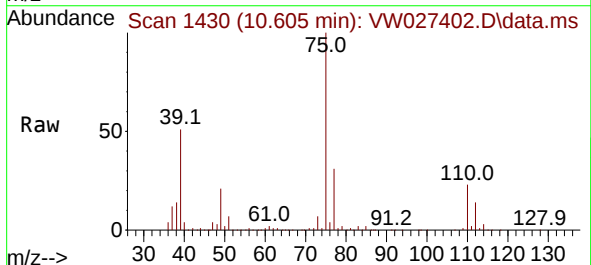
Tgt Ion: 91 Resp: 521208
Ion Ratio Lower Upper
91 100
92 59.3 42.1 78.1

Manual Integrations
APPROVED

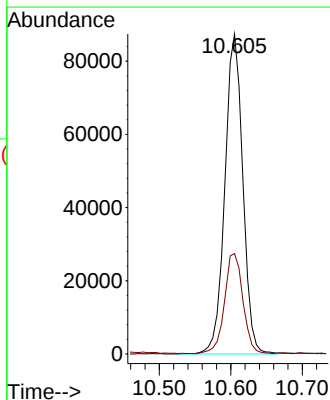
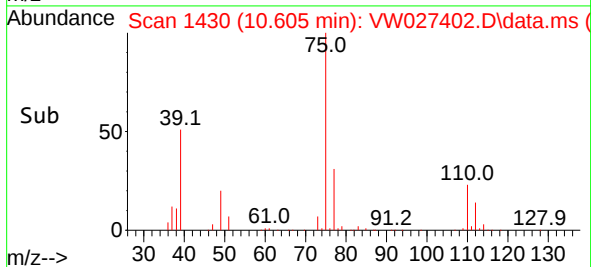
Reviewed By :Semsettin Yesilyurt 10/24/2023
Supervised By :Mahesh Dadoda 10/24/2023

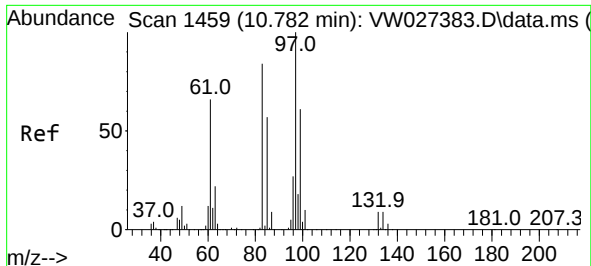


#44
trans-1,3-Dichloropropene
Concen: 23.931 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02



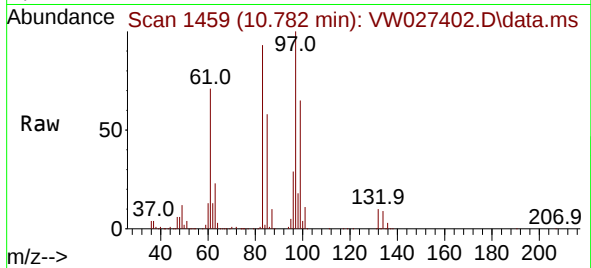
Tgt Ion: 75 Resp: 152311
Ion Ratio Lower Upper
75 100
77 31.4 22.0 41.0





#45
1,1,2-Trichloroethane
Concen: 33.555 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

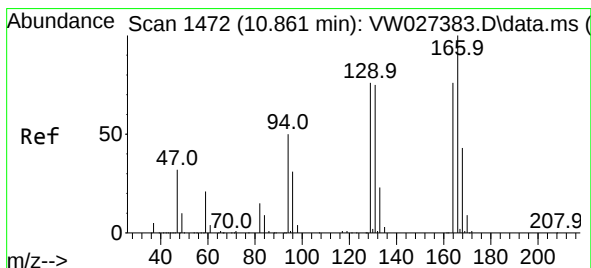
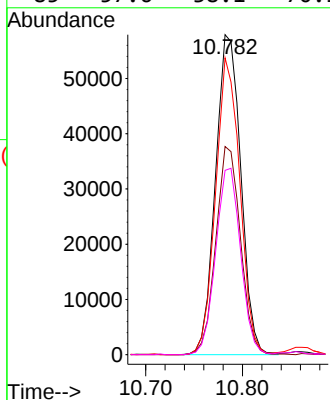
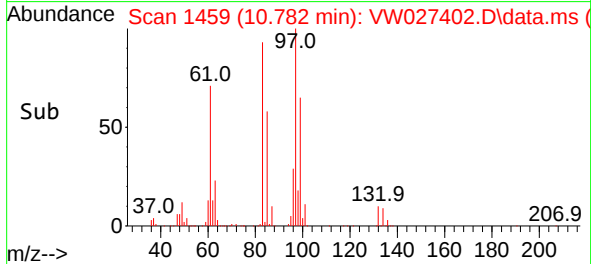
Instrument :
MSVOA_W
ClientSampleId :
E0LJ3MSD



Tgt Ion: 97 Resp: 105438
Ion Ratio Lower Upper
97 100
99 65.0 43.8 81.4
83 92.8 57.5 106.7
85 57.6 38.1 70.9

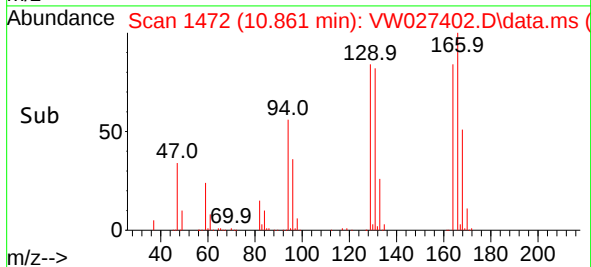
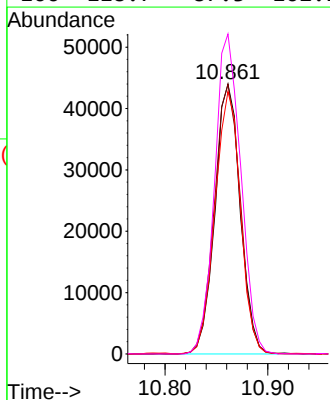
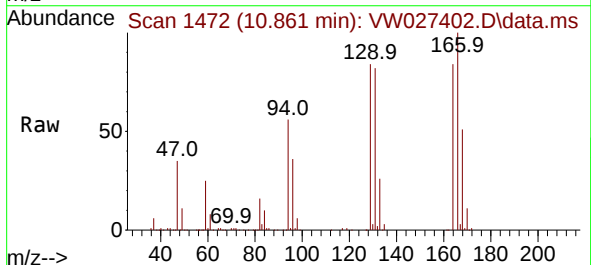
Manual Integrations
APPROVED

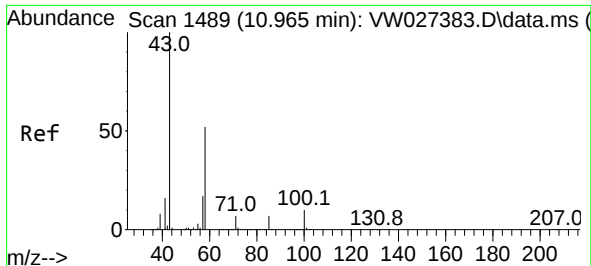
Reviewed By :Semsettin Yesilyurt 10/24/2023
Supervised By :Mahesh Dadoda 10/24/2023



#46
Tetrachloroethene
Concen: 24.386 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

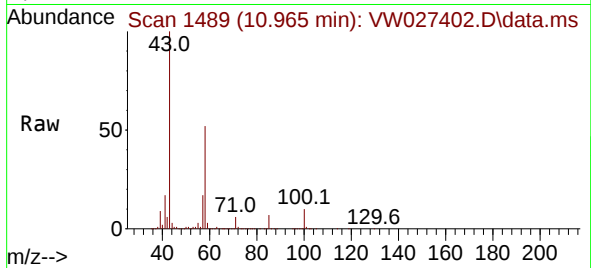
Tgt Ion:164 Resp: 75113
Ion Ratio Lower Upper
164 100
129 100.0 74.7 138.7
131 97.3 73.2 136.0
166 118.7 87.3 162.1





#48
2-Hexanone
Concen: 69.763 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

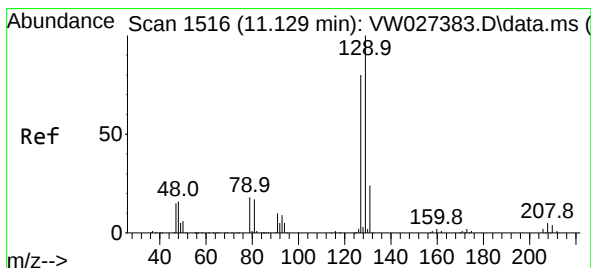
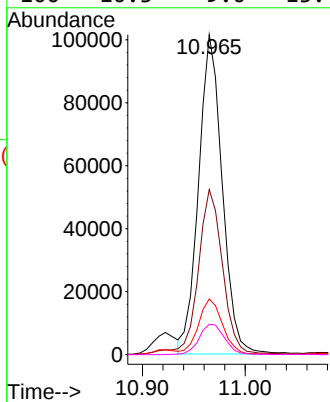
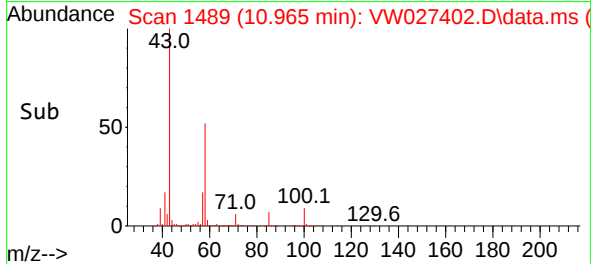
Instrument :
MSVOA_W
ClientSampleId :
E0LJ3MSD



Tgt Ion: 43 Resp: 16214
Ion Ratio Lower Upper
43 100
58 53.8 42.2 63.4
57 18.0 15.1 22.7
100 10.3 9.0 13.4

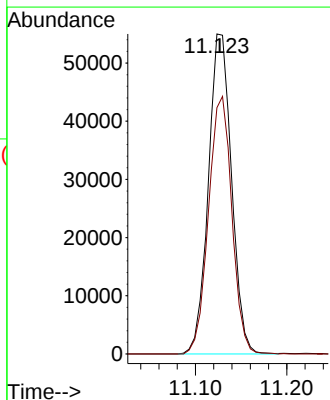
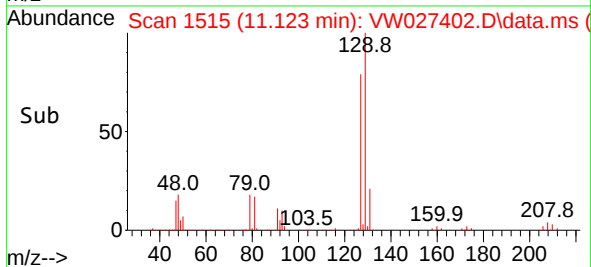
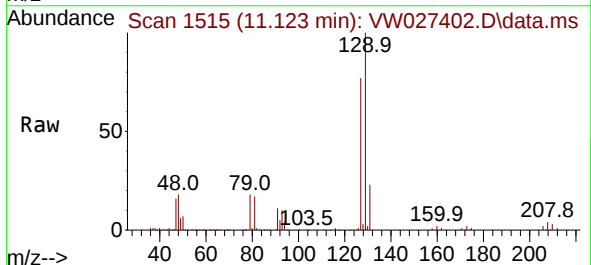
Manual Integrations
APPROVED

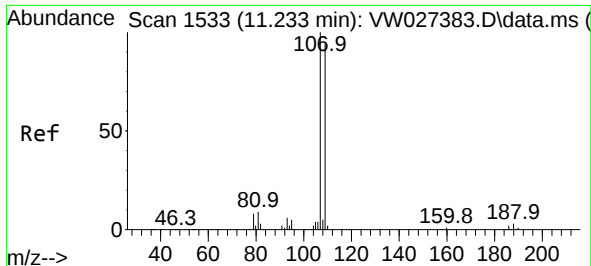
Reviewed By :Semsettin Yesilyurt 10/24/2023
Supervised By :Mahesh Dadoda 10/24/2023



#49
Dibromochloromethane
Concen: 27.784 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

Tgt Ion:129 Resp: 96954
Ion Ratio Lower Upper
129 100
127 77.0 51.7 95.9





#50

1,2-Dibromoethane

Concen: 25.180 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.001 min

Lab File: VW027402.D

Acq: 23 Oct 2023 18:02

Instrument :

MSVOA_W

ClientSampleId :

E0LJ3MSD

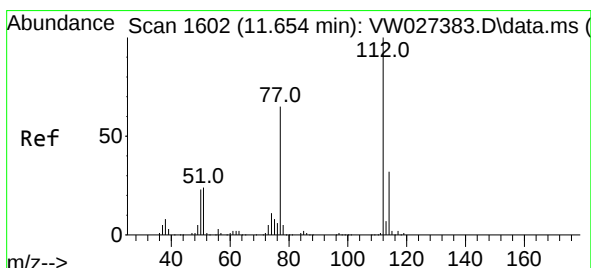
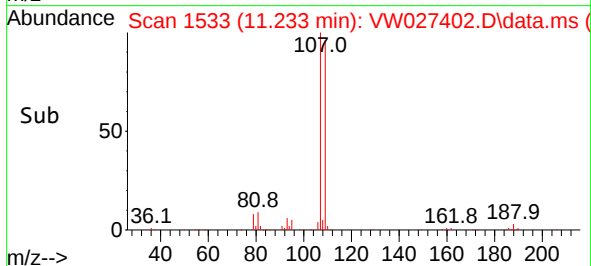
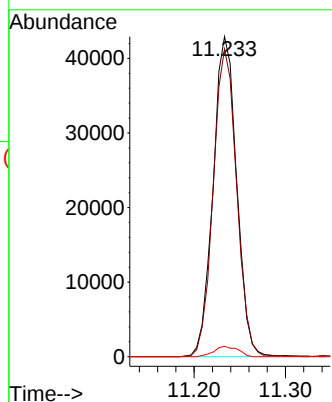
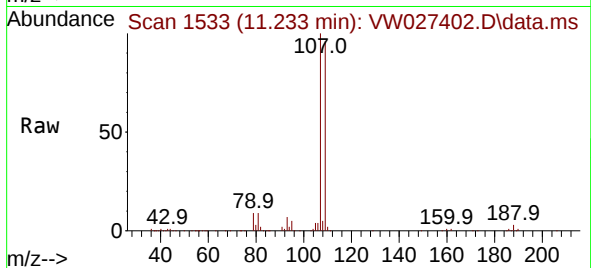
Tgt Ion:	107	Resp:	76710
Ion Ratio	Lower	Upper	
107	100		
109	96.1	66.3	123.1
188	3.3	3.0	4.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2023

Supervised By :Mahesh Dadoda 10/24/2023



#51

Chlorobenzene

Concen: 21.120 ug/L

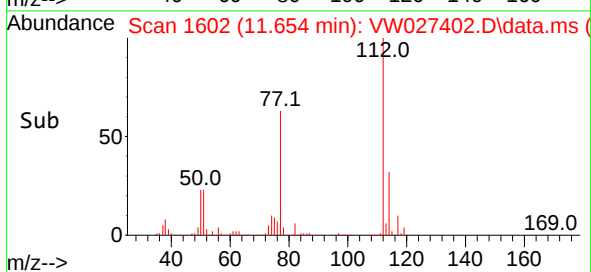
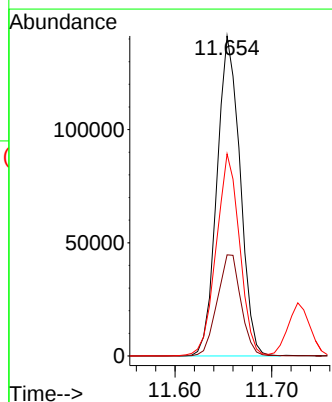
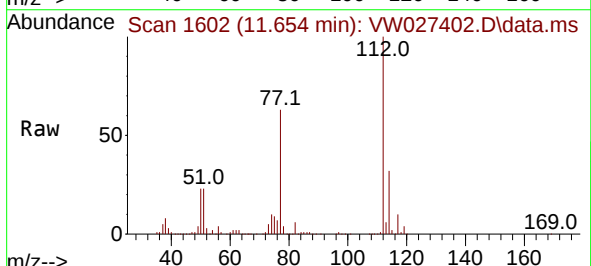
RT: 11.654 min Scan# 1602

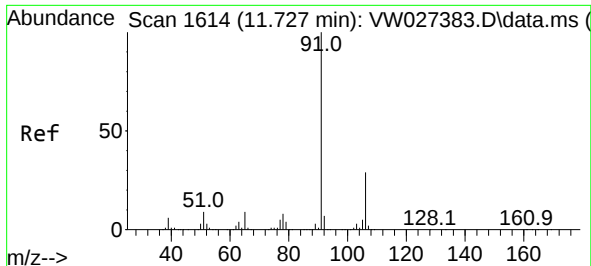
Delta R.T. 0.001 min

Lab File: VW027402.D

Acq: 23 Oct 2023 18:02

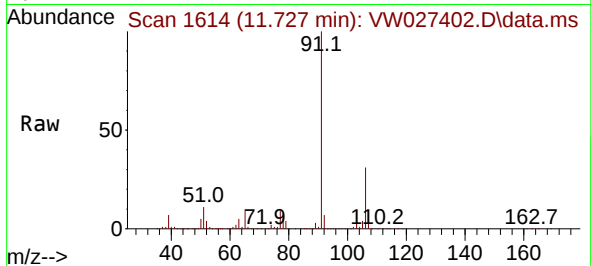
Tgt Ion:	112	Resp:	234305
Ion Ratio	Lower	Upper	
112	100		
114	31.6	21.8	40.6
77	63.2	52.2	78.4





#52
Ethylbenzene
Concen: 20.633 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

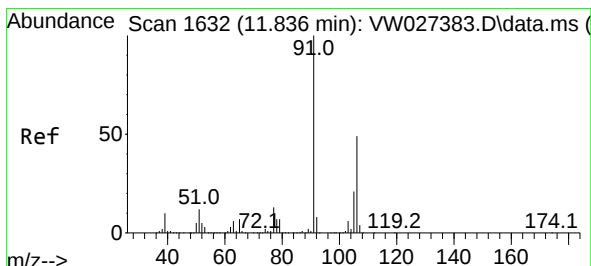
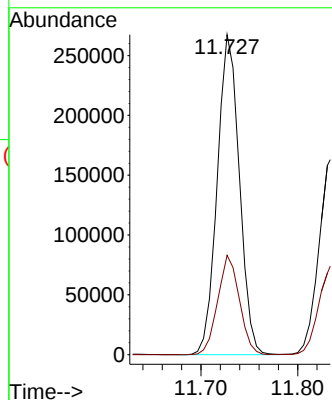
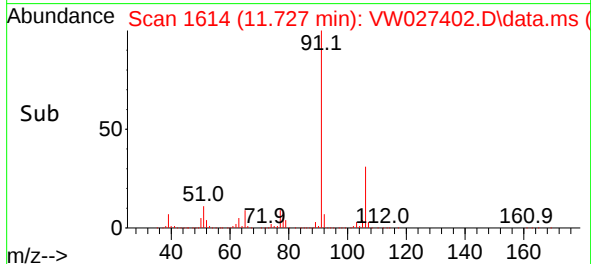
Instrument :
MSVOA_W
ClientSampleId :
E0LJ3MSD



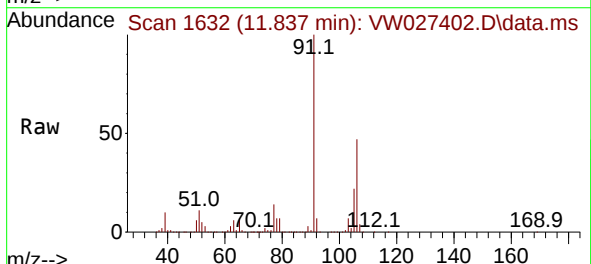
Tgt Ion: 91 Resp: 424778
Ion Ratio Lower Upper
91 100
106 31.1 19.8 36.8

Manual Integrations
APPROVED

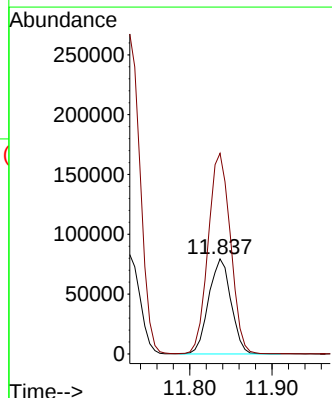
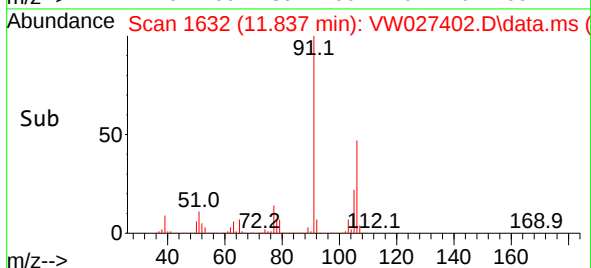
Reviewed By :Semsettin Yesilyurt 10/24/2023
Supervised By :Mahesh Dadoda 10/24/2023

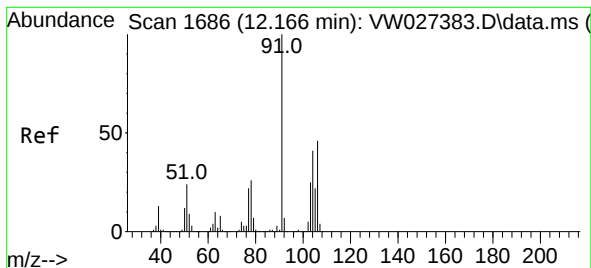


#53
m,p-Xylene
Concen: 19.229 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02



Tgt Ion:106 Resp: 150146
Ion Ratio Lower Upper
106 100
91 211.0 144.5 268.4





#54

o-Xylene

Concen: 24.862 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW027402.D

Acq: 23 Oct 2023 18:02

Instrument :

MSVOA_W

ClientSampleId :

E0LJ3MSD

Tgt Ion:106 Resp: 18590

Ion Ratio Lower Upper

106 100

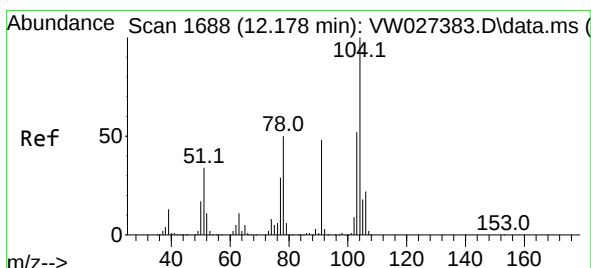
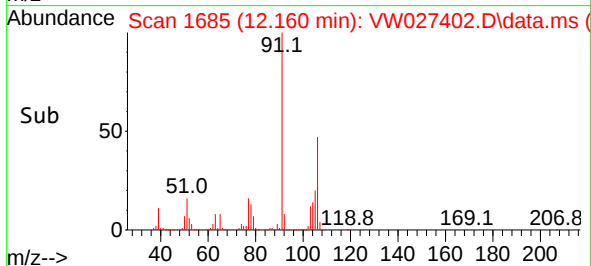
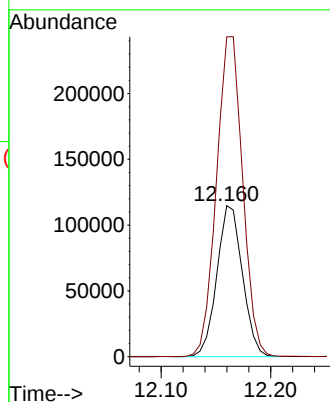
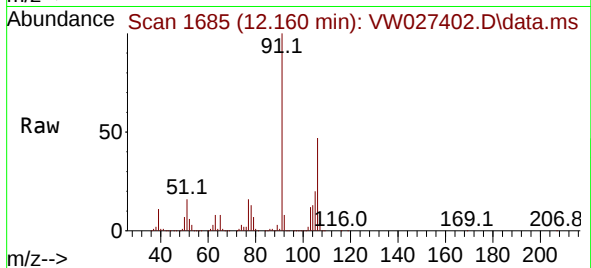
91 211.7 152.0 282.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2023

Supervised By :Mahesh Dadoda 10/24/2023



#55

Styrene

Concen: 16.789 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.001 min

Lab File: VW027402.D

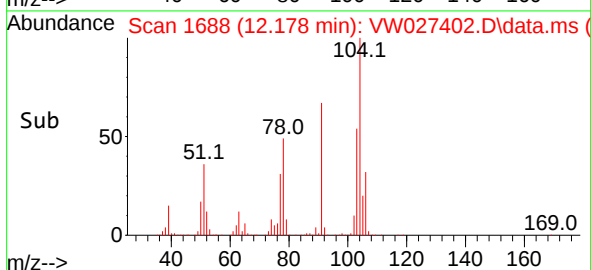
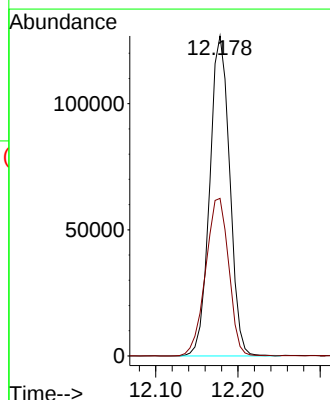
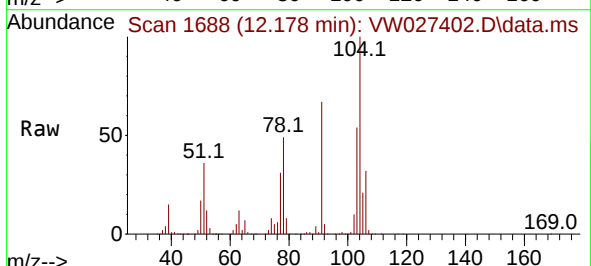
Acq: 23 Oct 2023 18:02

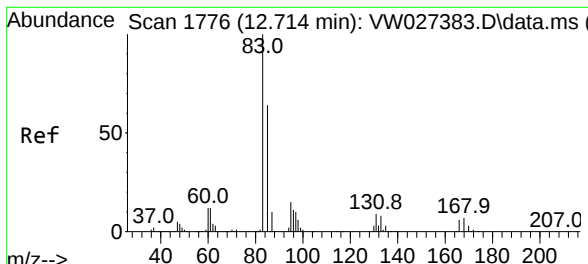
Tgt Ion:104 Resp: 214396

Ion Ratio Lower Upper

104 100

78 49.2 33.2 61.6





#57
1,1,2,2-Tetrachloroethane
Concen: 30.351 ug/L
RT: 12.709 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

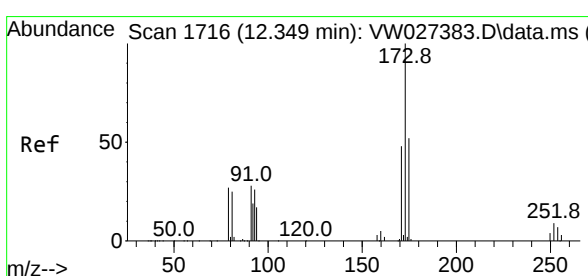
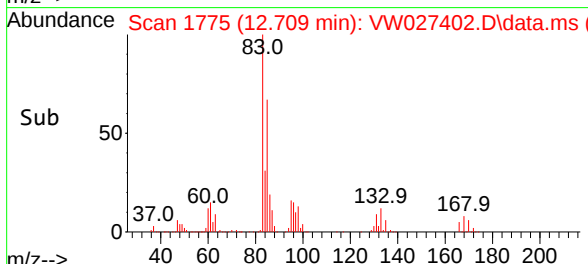
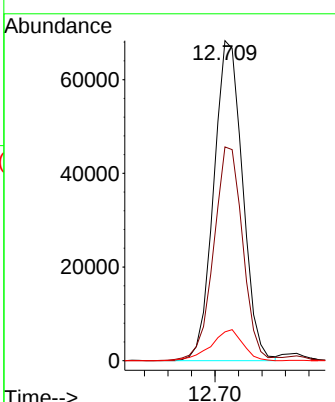
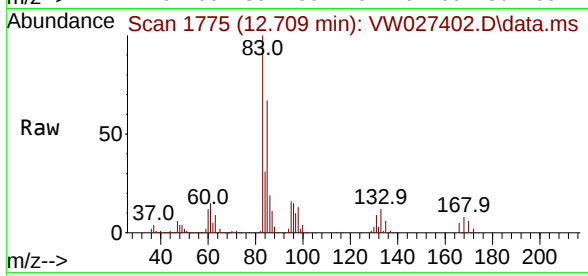
Instrument : MSVOA_W
ClientSampleId : E0LJ3MSD

Tgt Ion: 83 Resp: 11642

Ion	Ratio	Lower	Upper
83	100		
85	66.8	43.2	80.2
131	9.0	7.2	10.8

Manual Integrations
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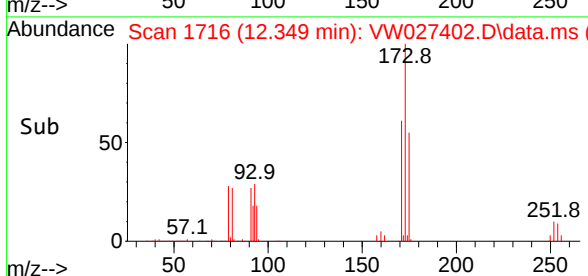
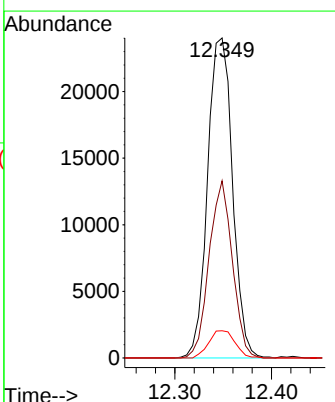
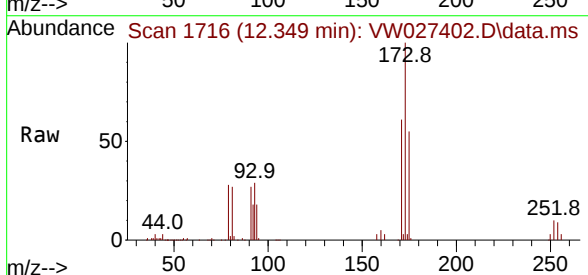
Reviewed By :Semsettin Yesilyurt 10/24/2023
Supervised By :Mahesh Dadoda 10/24/2023

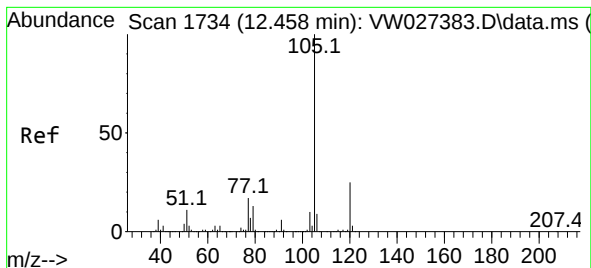


#59
Bromoform
Concen: 58.145 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

Tgt Ion:173 Resp: 42986

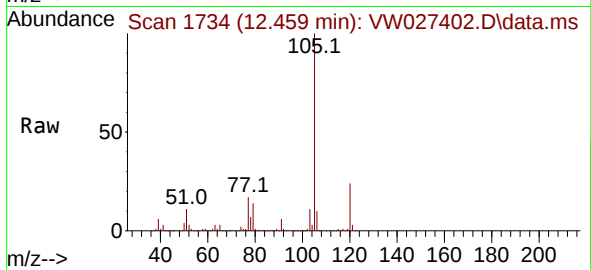
Ion	Ratio	Lower	Upper
173	100		
175	51.5	39.6	59.4
254	9.0	6.6	10.0





#60
Isopropylbenzene
Concen: 52.729 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

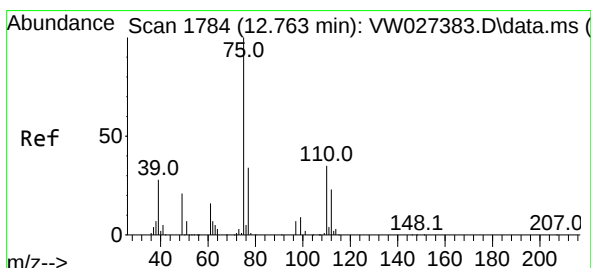
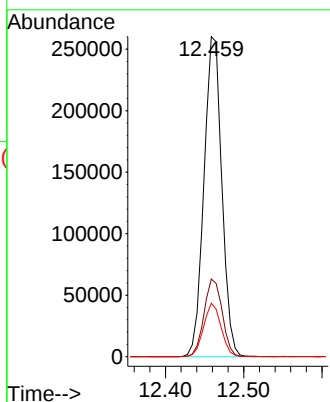
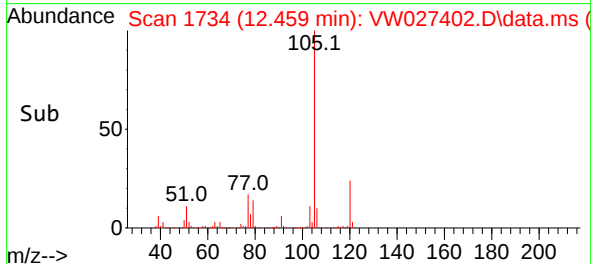
Instrument :
MSVOA_W
ClientSampleId :
E0LJ3MSD



Tgt Ion:105 Resp: 411540
Ion Ratio Lower Upper
105 100
120 24.7 20.1 30.1
77 16.3 12.9 19.3

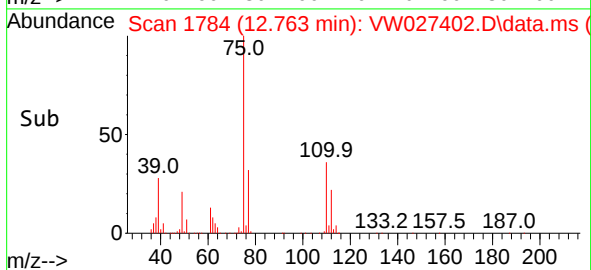
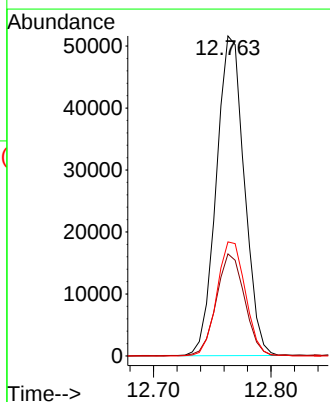
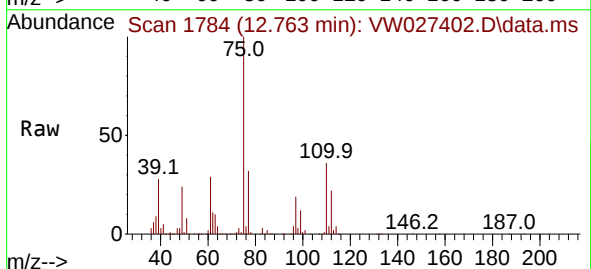
Manual Integrations
APPROVED

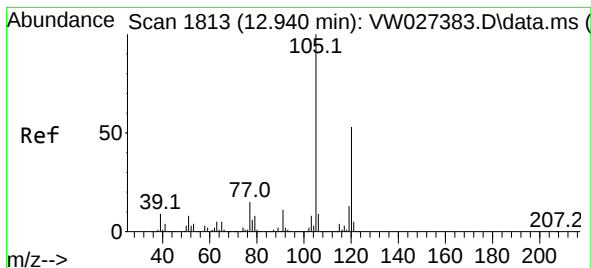
Reviewed By :Semsettin Yesilyurt 10/24/2023
Supervised By :Mahesh Dadoda 10/24/2023



#61
1,2,3-Trichloropropane
Concen: 78.665 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

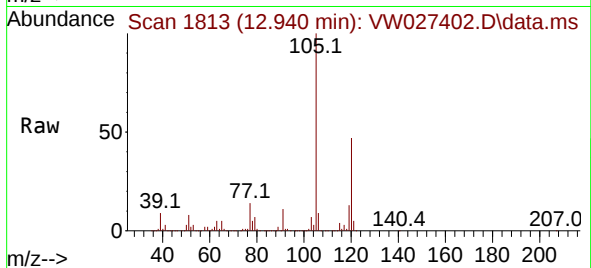
Tgt Ion: 75 Resp: 85337
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0
110 36.3 29.7 44.5





#62
1,3,5-Trimethylbenzene
Concen: 46.509 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

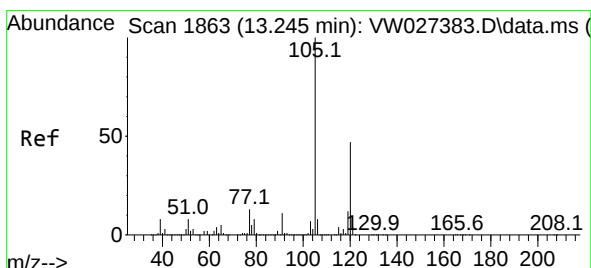
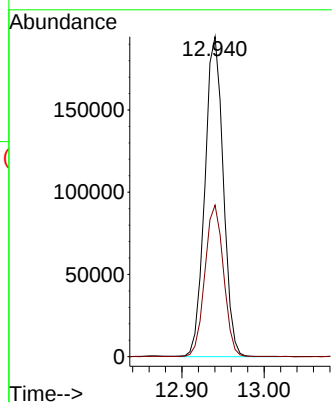
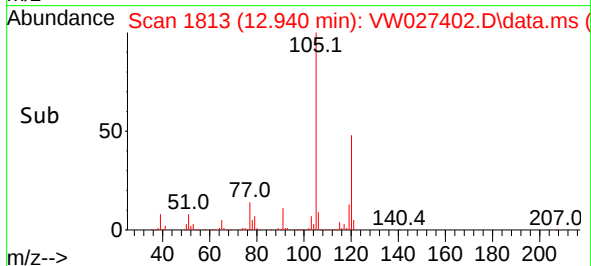
Instrument :
MSVOA_W
ClientSampleId :
E0LJ3MSD



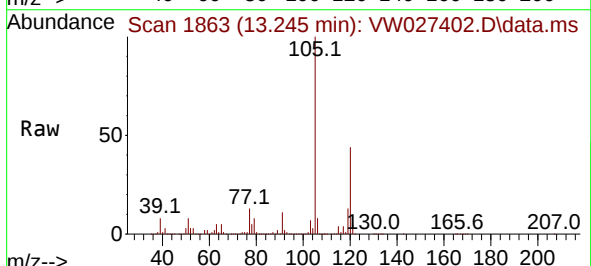
Tgt Ion:105 Resp: 302792
Ion Ratio Lower Upper
105 100
120 47.9 38.8 58.2

Manual Integrations
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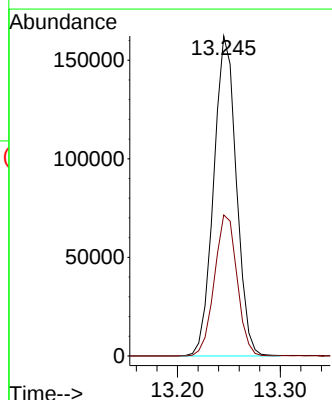
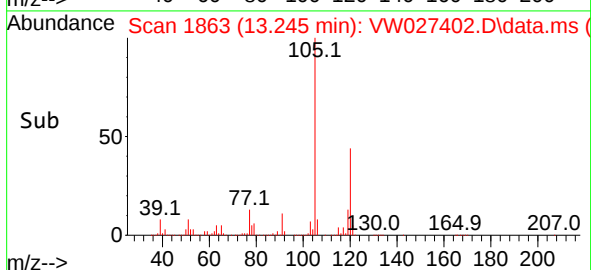
Reviewed By :Semsettin Yesilyurt 10/24/2023
Supervised By :Mahesh Dadoda 10/24/2023

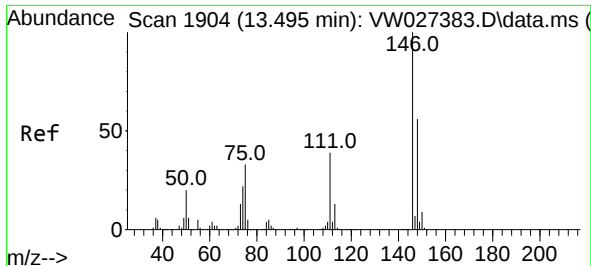


#63
1,2,4-Trimethylbenzene
Concen: 39.015 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02



Tgt Ion:105 Resp: 248523
Ion Ratio Lower Upper
105 100
120 44.0 35.4 53.2





#64

1,3-Dichlorobenzene

Concen: 22.099 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.001 min

Lab File: VW027402.D

Acq: 23 Oct 2023 18:02

Instrument :

MSVOA_W

ClientSampleId :

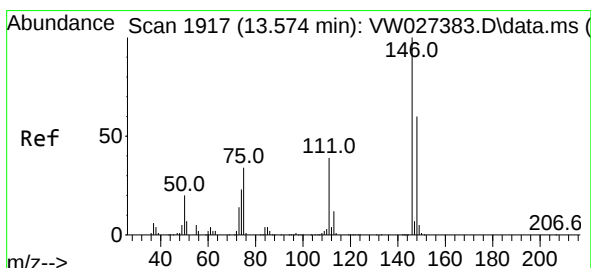
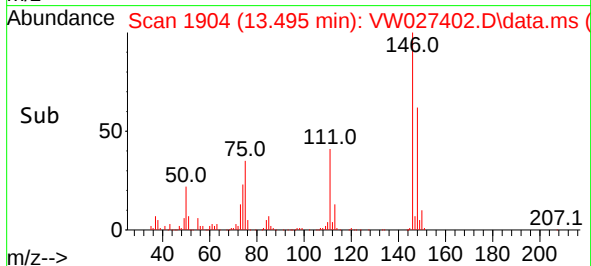
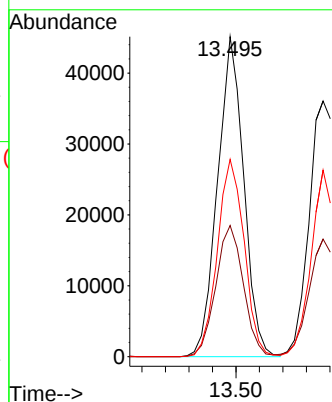
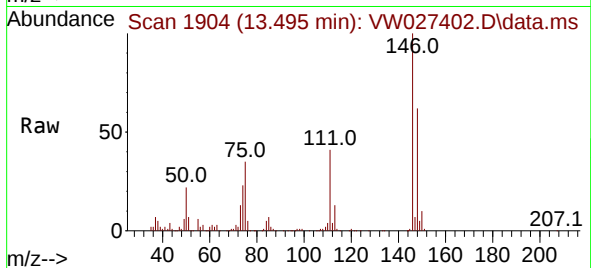
E0LJ3MSD

Tgt Ion:146	Resp:	6994
Ion Ratio	Lower	Upper
146	100	
111	41.0	30.8 57.2
148	61.6	46.3 85.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2023
Supervised By :Mahesh Dadoda 10/24/2023



#65

1,4-Dichlorobenzene

Concen: 19.709 ug/L

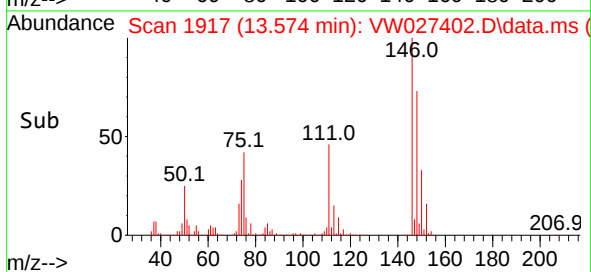
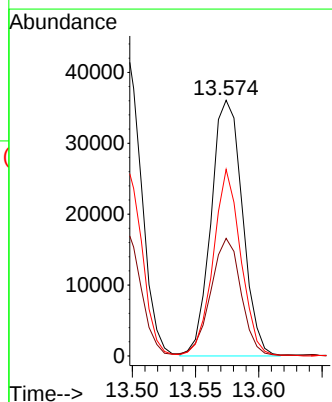
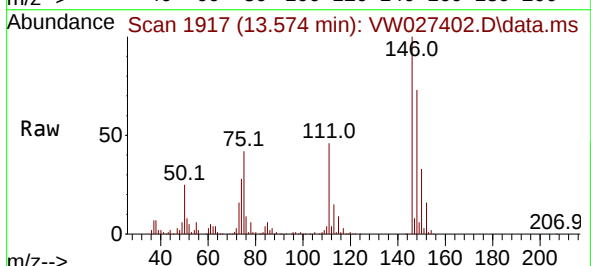
RT: 13.574 min Scan# 1917

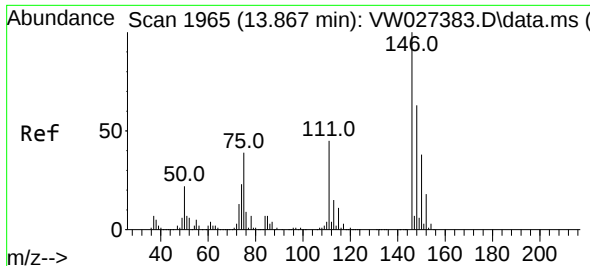
Delta R.T. -0.006 min

Lab File: VW027402.D

Acq: 23 Oct 2023 18:02

Tgt Ion:146	Resp:	62294
Ion Ratio	Lower	Upper
146	100	
111	46.0	29.5 54.9
148	73.0	43.0 79.8





#67

1,2-Dichlorobenzene

Concen: 27.429 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.001 min

Lab File: VW027402.D

Acq: 23 Oct 2023 18:02

Instrument :

MSVOA_W

ClientSampleId :

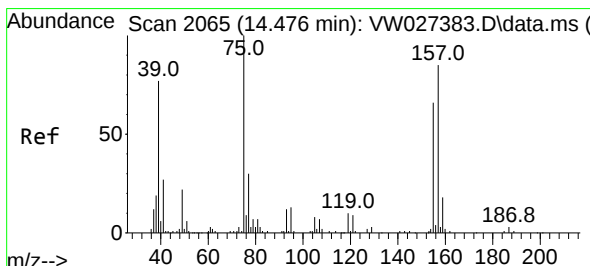
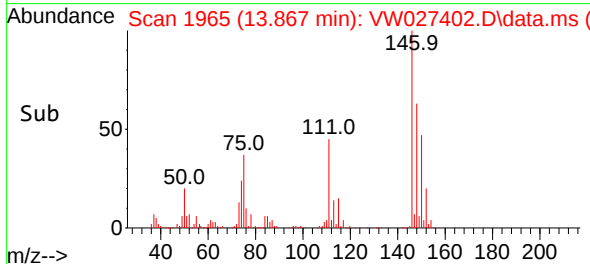
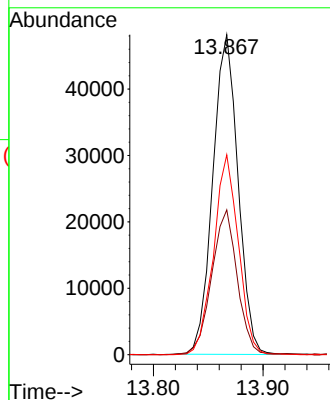
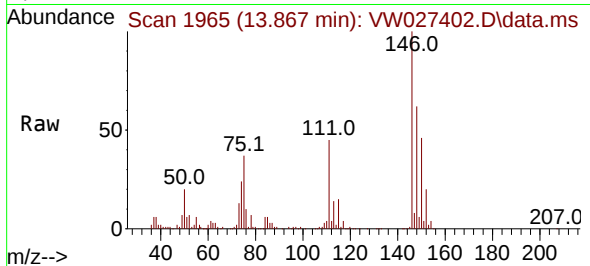
E0LJ3MSD

Tgt Ion:	146	Resp:	7703
Ion Ratio	Lower	Upper	
146	100		
111	45.2	36.8	55.2
148	62.4	52.3	78.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2023
Supervised By :Mahesh Dadoda 10/24/2023



#68

1,2-Dibromo-3-chloropropane

Concen: 58.007 ug/L

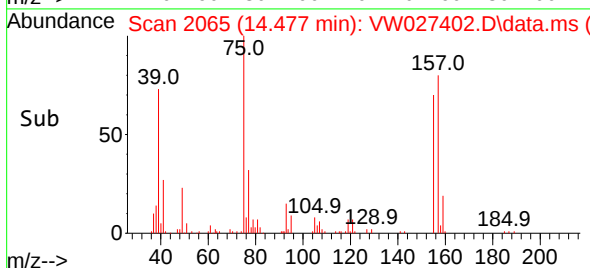
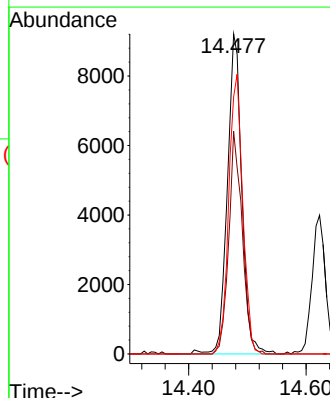
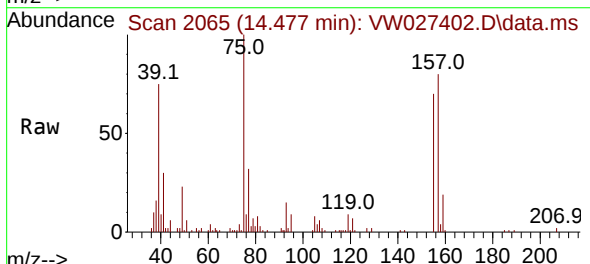
RT: 14.477 min Scan# 2065

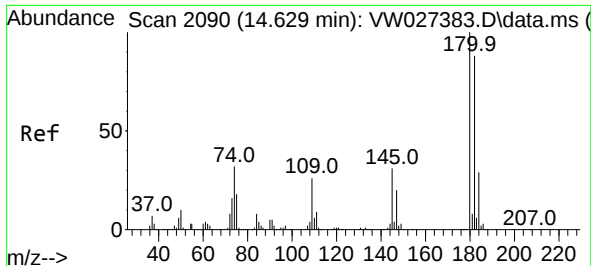
Delta R.T. -0.006 min

Lab File: VW027402.D

Acq: 23 Oct 2023 18:02

Tgt Ion:	75	Resp:	15727
Ion Ratio	Lower	Upper	
75	100		
155	69.5	54.9	82.3
157	80.4	64.7	97.1





#69

1,3,5-Trichlorobenzene

Concen: 13.866 ug/L

RT: 14.623 min Scan# 2090

Delta R.T. 0.001 min

Lab File: VW027402.D

Acq: 23 Oct 2023 18:02

Instrument :

MSVOA_W

ClientSampleId :

E0LJ3MSD

Tgt Ion:180 Resp: 28489

Ion Ratio Lower Upper

180 100

182 92.5 73.4 110.0

184 30.6 23.3 34.9

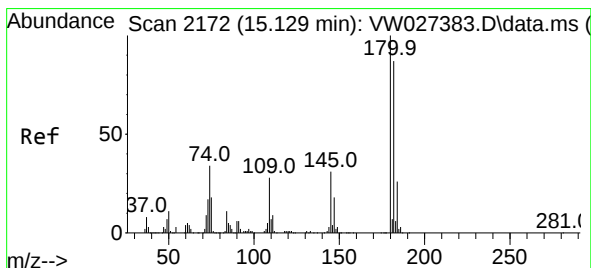
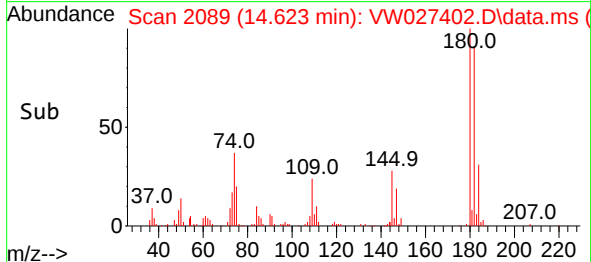
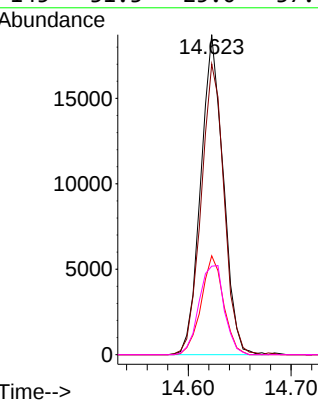
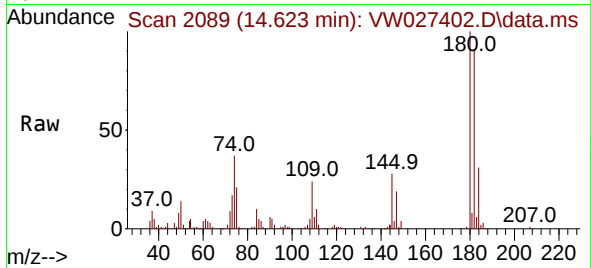
145 31.3 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2023

Supervised By :Mahesh Dadoda 10/24/2023



#70

1,2,4-trichlorobenzene

Concen: 7.996 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.001 min

Lab File: VW027402.D

Acq: 23 Oct 2023 18:02

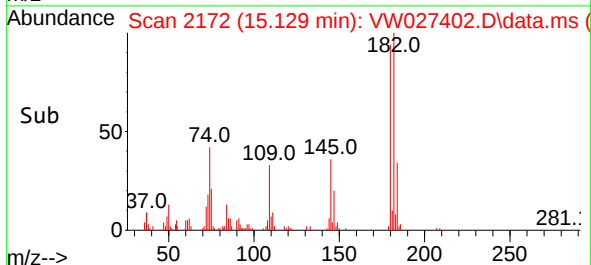
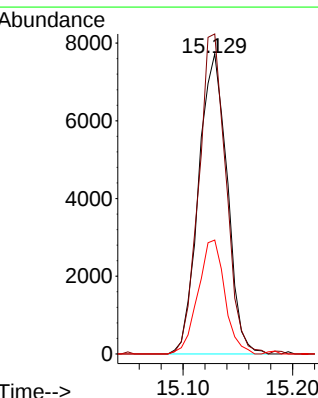
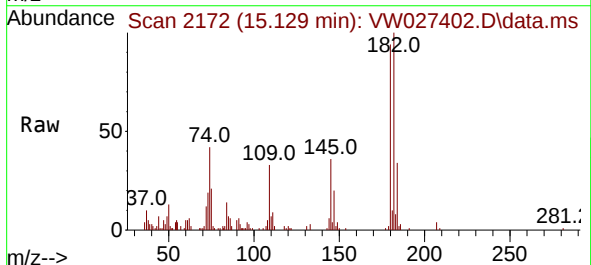
Tgt Ion:180 Resp: 13983

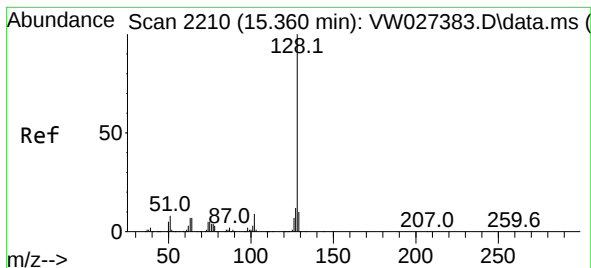
Ion Ratio Lower Upper

180 100

182 101.3 75.5 113.3

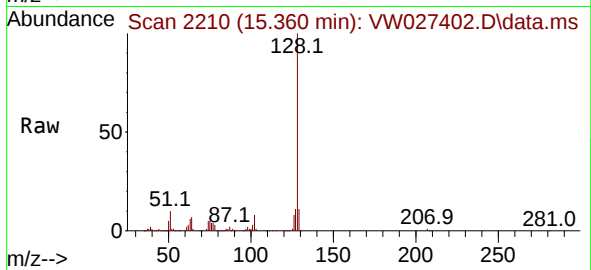
145 35.6 26.4 39.6





#71
Naphthalene
Concen: 18.341 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

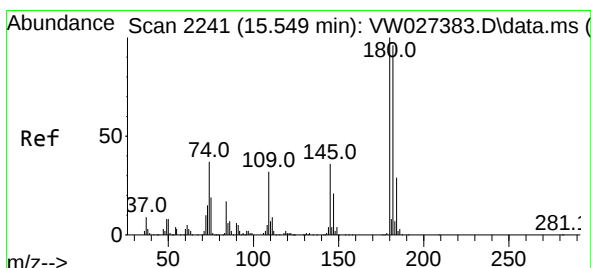
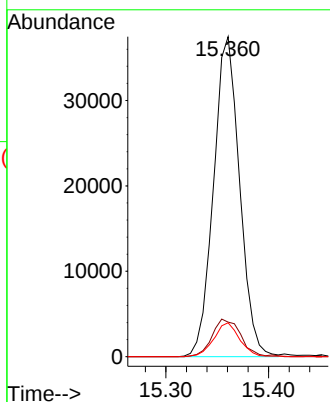
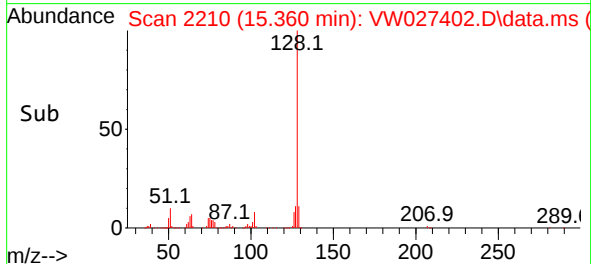
Instrument :
MSVOA_W
ClientSampleId :
E0LJ3MSD



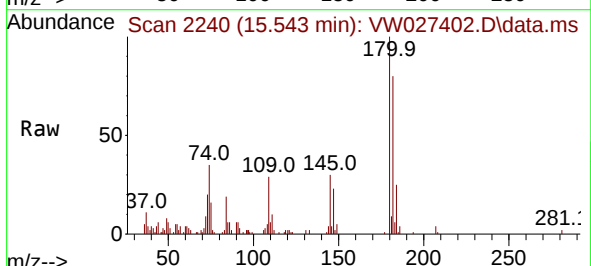
Tgt Ion:128 Resp: 6595
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.5 8.5 12.7

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2023
Supervised By :Mahesh Dadoda 10/24/2023



#72
1,2,3-Trichlorobenzene
Concen: 11.108 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02



Tgt Ion:180 Resp: 15973
Ion Ratio Lower Upper
180 100
182 87.8 81.1 121.7
145 33.9 30.6 45.8

