

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122023\
 Data File : VD078004.D
 Acq On : 20 Dec 2023 19:03
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

12/21/2023
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Dec 21 05:28:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	104917	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	182823	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	172818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	96726	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.228	65	70212	56.792	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.580%	
35) Dibromofluoromethane	7.805	113	76028	59.369	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.740%	
50) Toluene-d8	10.269	98	287520	56.057	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.120%	
62) 4-Bromofluorobenzene	12.569	95	87507	57.066	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 114.140%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	48299	36.853	ug/l	95
3) Chloromethane	2.152	50	82963	46.441	ug/l	97
4) Vinyl Chloride	2.287	62	120188	49.559	ug/l	99
5) Bromomethane	2.693	94	90806	66.729	ug/l	100
6) Chloroethane	2.840	64	90848	54.946	ug/l	99
7) Trichlorofluoromethane	3.181	101	100576	45.029	ug/l	95
8) Diethyl Ether	3.593	74	31927	50.905	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.975	101	63708	49.858	ug/l	95
10) Methyl Iodide	4.169	142	68327	59.527	ug/l	# 90
11) Tert butyl alcohol	5.052	59	14672	246.275	ug/l	# 92
12) 1,1-Dichloroethene	3.946	96	59525	47.199	ug/l	# 83
13) Acrolein	3.799	56	19389	148.260	ug/l	92
14) Allyl chloride	4.569	41	78816	45.440	ug/l	88
15) Acrylonitrile	5.252	53	71757	267.217	ug/l	99
16) Acetone	4.017	43	58880	216.090	ug/l	91
17) Carbon Disulfide	4.269	76	173755	40.724	ug/l	96
18) Methyl Acetate	4.564	43	56174	57.694	ug/l	94
19) Methyl tert-butyl Ether	5.316	73	142473	53.247	ug/l	97
20) Methylene Chloride	4.805	84	75410	51.667	ug/l	# 87
21) trans-1,2-Dichloroethene	5.316	96	72107	50.479	ug/l	98
22) Diisopropyl ether	6.216	45	184599	50.929	ug/l	97
23) Vinyl Acetate	6.152	43	423136	239.053	ug/l	93
24) 1,1-Dichloroethane	6.116	63	127068	51.767	ug/l	96
25) 2-Butanone	7.081	43	82428	242.075	ug/l	90
26) 2,2-Dichloropropane	7.081	77	97866	47.487	ug/l	97
27) cis-1,2-Dichloroethene	7.087	96	84174	54.764	ug/l	93
28) Bromochloromethane	7.422	49	57689	58.163	ug/l	82
29) Tetrahydrofuran	7.446	42	50705	257.558	ug/l	89
30) Chloroform	7.599	83	135005	54.956	ug/l	99
31) Cyclohexane	7.881	56	92392	42.016	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	107357	49.573	ug/l	98
36) 1,1-Dichloropropene	8.010	75	96347	47.035	ug/l	96
37) Ethyl Acetate	7.163	43	37142	46.502	ug/l	96
38) Carbon Tetrachloride	7.993	117	96973	47.486	ug/l	96
39) Methylcyclohexane	9.275	83	107919	44.441	ug/l	96
40) Benzene	8.252	78	290062	49.892	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.399	41	20619	50.791	ug/l	#	89
42) 1,2-Dichloroethane	8.328	62	78824	52.305	ug/l		94
43) Isopropyl Acetate	8.357	43	70115	49.383	ug/l		93
44) Trichloroethene	9.028	130	74747	49.336	ug/l		95
45) 1,2-Dichloropropane	9.304	63	74892	52.990	ug/l		97
46) Dibromomethane	9.393	93	40262	53.840	ug/l		92
47) Bromodichloromethane	9.587	83	104100	54.921	ug/l		100
48) Methyl methacrylate	9.381	41	40737	50.473	ug/l	#	79
49) 1,4-Dioxane	9.387	88	7859	1058.381	ug/l		94
51) 4-Methyl-2-Pentanone	10.157	43	181776	250.856	ug/l		91
52) Toluene	10.334	92	186969	51.844	ug/l		99
53) t-1,3-Dichloropropene	10.551	75	93922	51.600	ug/l		98
54) cis-1,3-Dichloropropene	10.016	75	115195	52.345	ug/l	#	93
55) 1,1,2-Trichloroethane	10.734	97	58208	56.906	ug/l		94
56) Ethyl methacrylate	10.599	69	48548	53.841	ug/l		90
57) 1,3-Dichloropropane	10.881	76	94911	53.830	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.869	63	136174	264.817	ug/l		96
59) 2-Hexanone	10.922	43	125137	208.152	ug/l		92
60) Dibromochloromethane	11.075	129	71371	57.953	ug/l		97
61) 1,2-Dibromoethane	11.175	107	53969	56.050	ug/l		98
64) Tetrachloroethene	10.810	164	60405	47.556	ug/l		93
65) Chlorobenzene	11.610	112	199531	48.939	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.681	131	74859	52.090	ug/l		99
67) Ethyl Benzene	11.687	91	363700	50.549	ug/l		96
68) m/p-Xylenes	11.793	106	287503	104.467	ug/l		94
69) o-Xylene	12.122	106	133600	52.673	ug/l		95
70) Styrene	12.134	104	204245	54.155	ug/l		96
71) Bromoform	12.298	173	41543	55.325	ug/l	#	99
73) Isopropylbenzene	12.422	105	345483	47.126	ug/l		97
74) N-amyl acetate	12.234	43	60526	42.001	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.669	83	64711	50.625	ug/l		99
76) 1,2,3-Trichloropropane	12.728	75	35308m	42.030	ug/l		
77) Bromobenzene	12.698	156	83001	48.135	ug/l		90
78) n-propylbenzene	12.763	91	428449	47.962	ug/l		96
79) 2-Chlorotoluene	12.851	91	227922	47.610	ug/l		98
80) 1,3,5-Trimethylbenzene	12.904	105	294246	48.124	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.469	75	20214	48.752	ug/l		95
82) 4-Chlorotoluene	12.945	91	247391	49.431	ug/l		96
83) tert-Butylbenzene	13.163	119	255683	49.533	ug/l		98
84) 1,2,4-Trimethylbenzene	13.210	105	303082	49.560	ug/l		97
85) sec-Butylbenzene	13.345	105	376284	49.316	ug/l		95
86) p-Isopropyltoluene	13.463	119	335817	49.158	ug/l		97
87) 1,3-Dichlorobenzene	13.457	146	173613	49.234	ug/l		98
88) 1,4-Dichlorobenzene	13.540	146	170077	48.266	ug/l		98
89) n-Butylbenzene	13.787	91	307838	47.890	ug/l		97
90) Hexachloroethane	14.051	117	66135	52.641	ug/l		94
91) 1,2-Dichlorobenzene	13.834	146	149050	49.700	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9366	50.594	ug/l		96
93) 1,2,4-Trichlorobenzene	15.098	180	89984	43.927	ug/l		99
94) Hexachlorobutadiene	15.204	225	49603	44.904	ug/l		96
95) Naphthalene	15.334	128	171584	50.413	ug/l		96
96) 1,2,3-Trichlorobenzene	15.522	180	80570	47.708	ug/l		99

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Instrument :
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ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

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Dadoda

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Supervised By :Semsettin
Yesilyurt

12/21/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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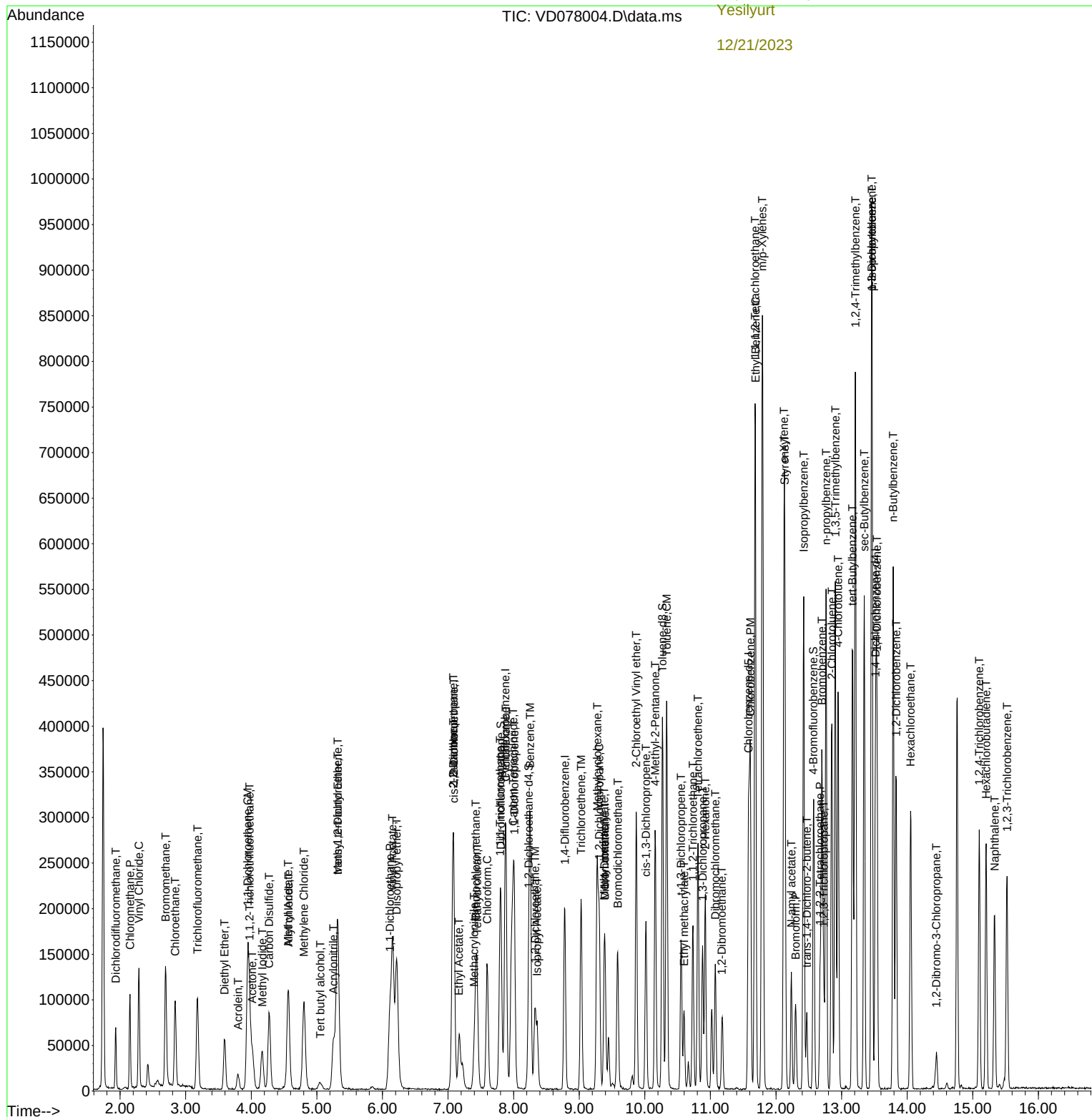
Instrument :
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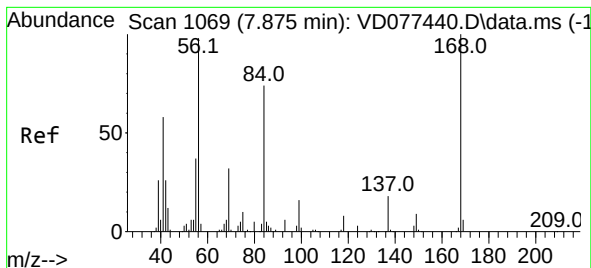
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD078004.D

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Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:168 Resp: 10491

Ion Ratio Lower Upper

168 100

99 55.6 36.7 55.1

Manual Integrations

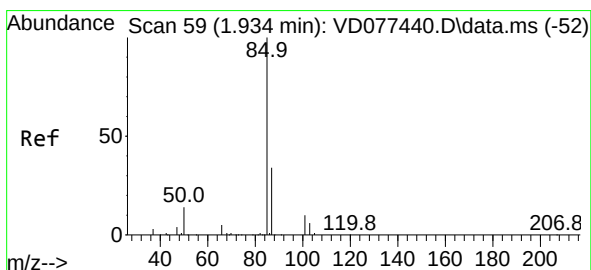
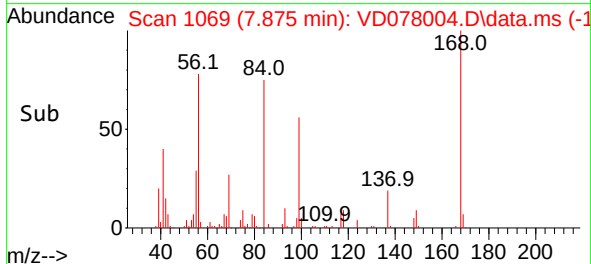
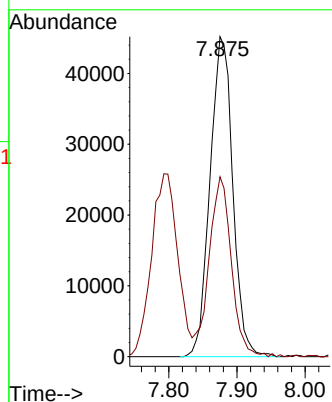
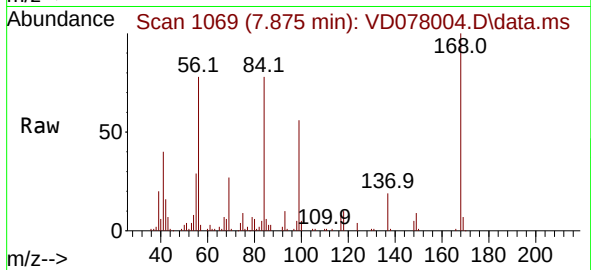
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#2

Dichlorodifluoromethane

Concen: 36.853 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078004.D

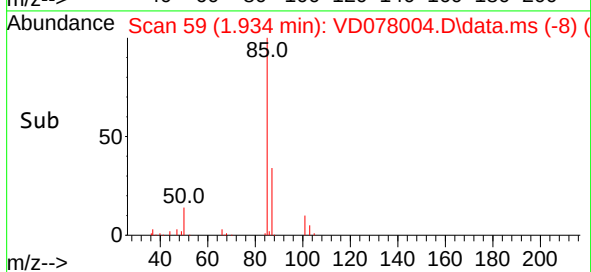
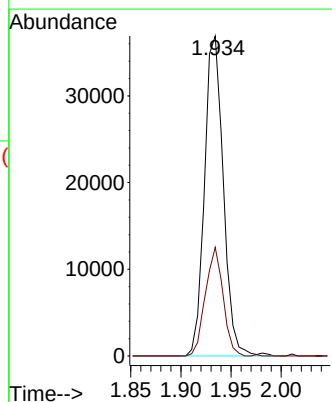
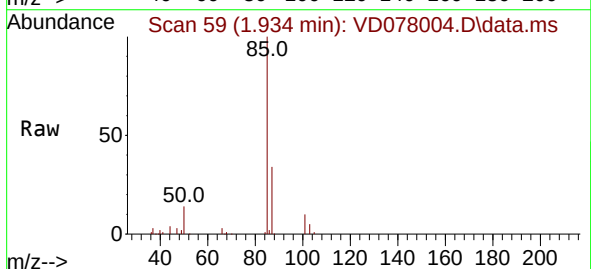
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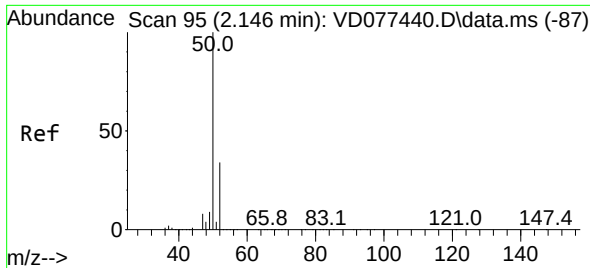
Tgt Ion: 85 Resp: 48299

Ion Ratio Lower Upper

85 100

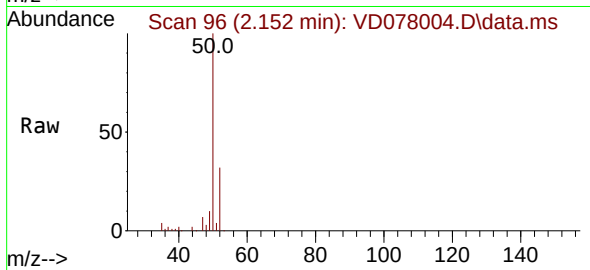
87 34.0 15.7 47.0





#3
Chloromethane
Concen: 46.441 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :
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ClientSampleId :
VSTDCCC050EC



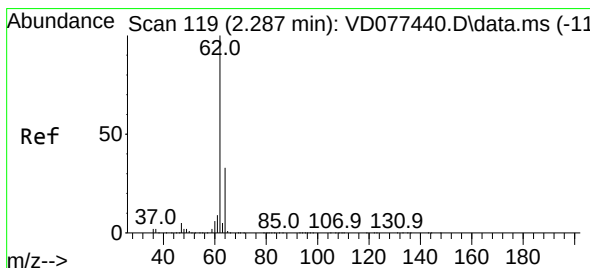
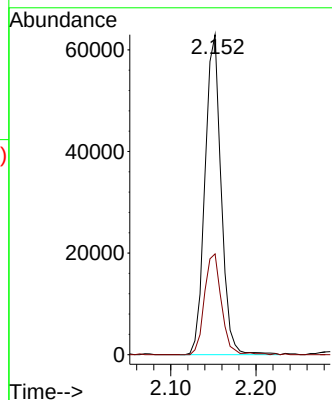
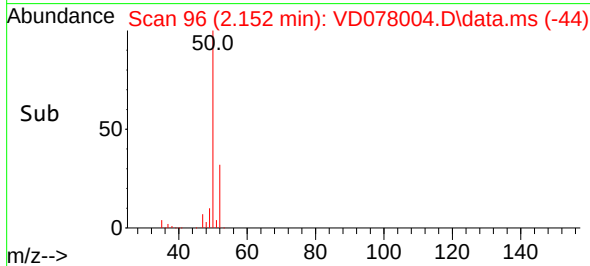
Tgt Ion: 50 Resp: 82963
Ion Ratio Lower Upper
50 100
52 31.5 26.6 40.0

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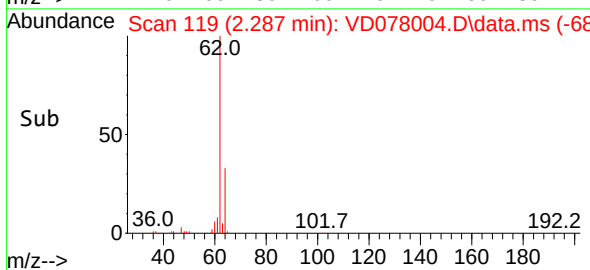
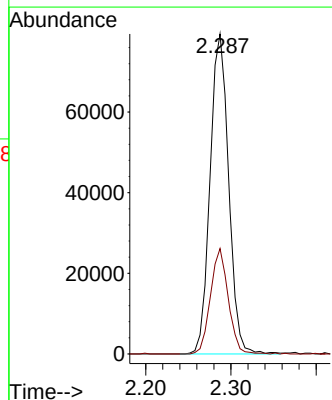
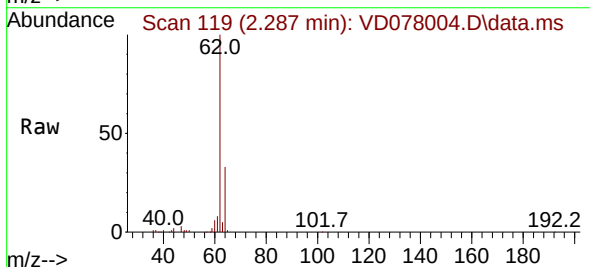
12/21/2023
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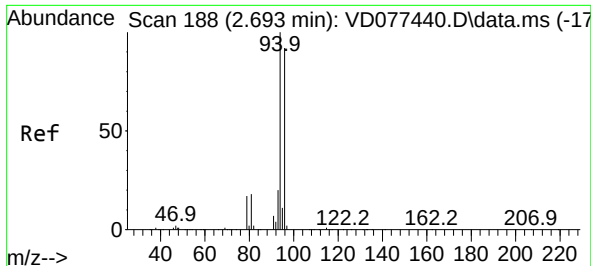
12/21/2023



#4
Vinyl Chloride
Concen: 49.559 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

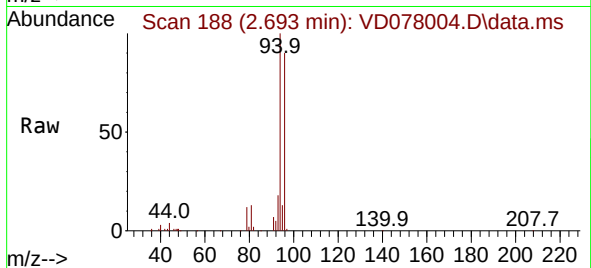
Tgt Ion: 62 Resp: 120188
Ion Ratio Lower Upper
62 100
64 33.0 26.0 39.0





#5
Bromomethane
Concen: 66.729 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

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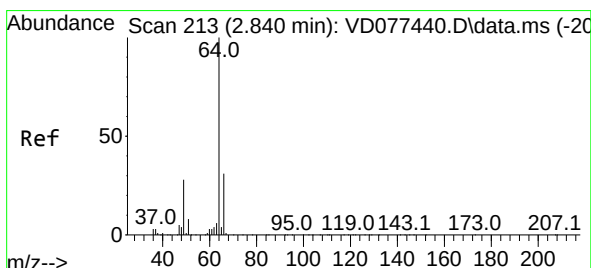
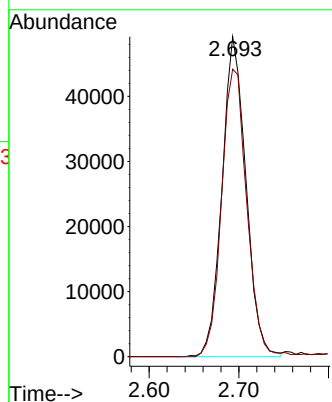
Tgt Ion: 94 Resp: 90800
Ion Ratio Lower Upper
94 100
96 95.0 75.8 113.8

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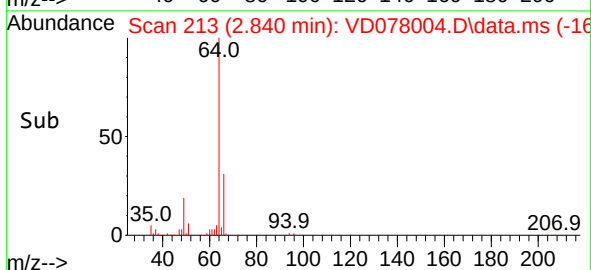
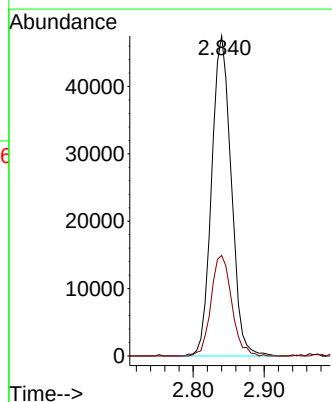
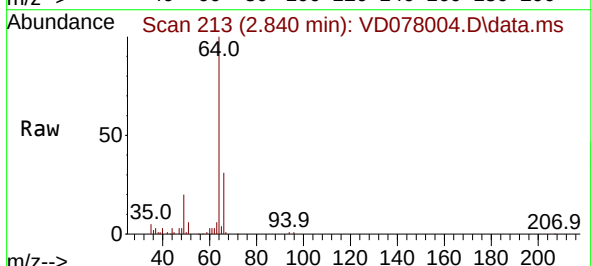
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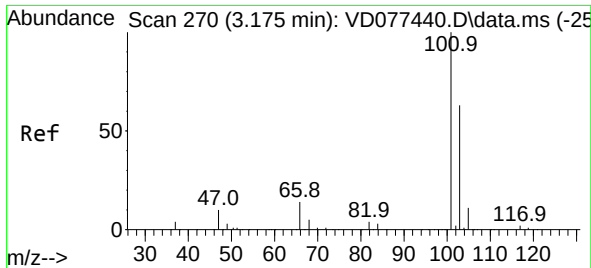
12/21/2023



#6
Chloroethane
Concen: 54.946 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Tgt Ion: 64 Resp: 90848
Ion Ratio Lower Upper
64 100
66 31.4 25.5 38.3





#7
Trichlorofluoromethane
Concen: 45.029 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

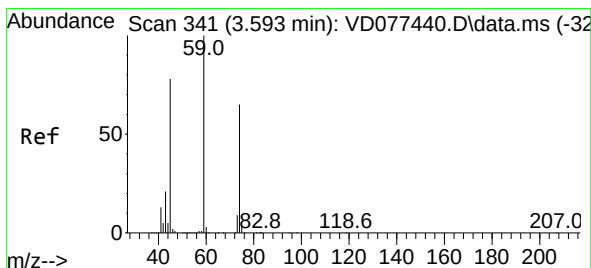
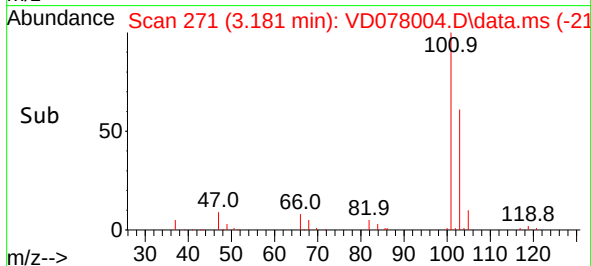
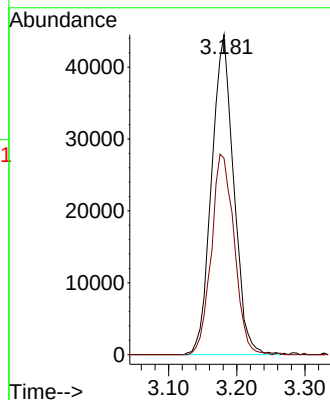
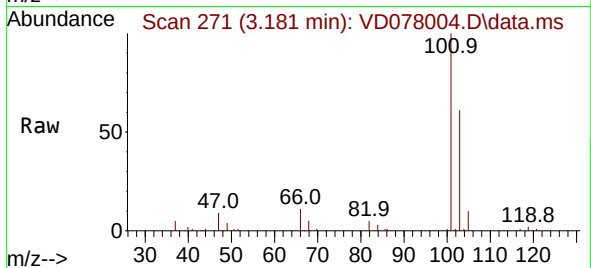
Tgt Ion:101 Resp: 100570
Ion Ratio Lower Upper
101 100
103 61.4 52.3 78.5

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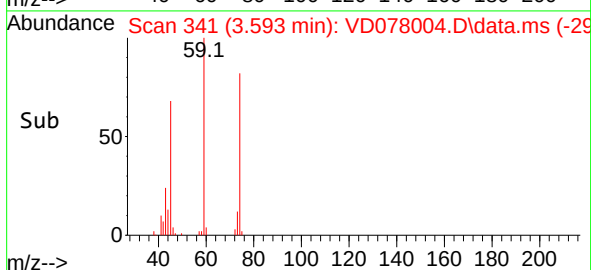
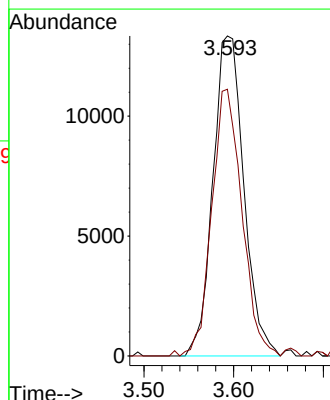
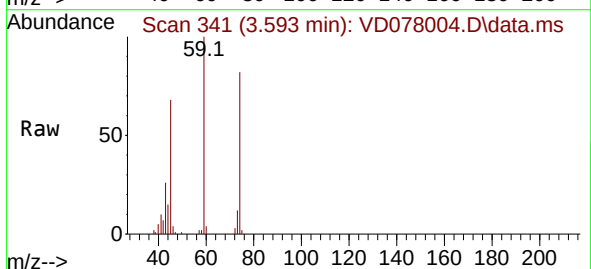
12/21/2023
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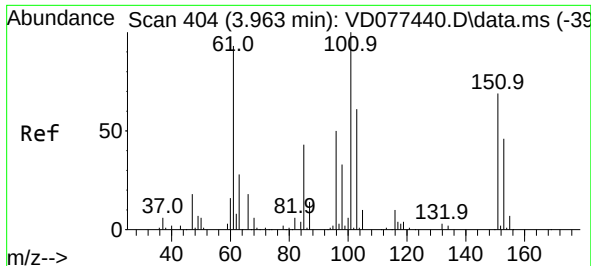
12/21/2023



#8
Diethyl Ether
Concen: 50.905 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Tgt Ion: 74 Resp: 31927
Ion Ratio Lower Upper
74 100
45 81.4 37.5 112.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.858 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

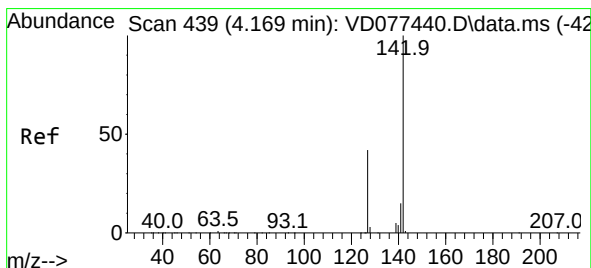
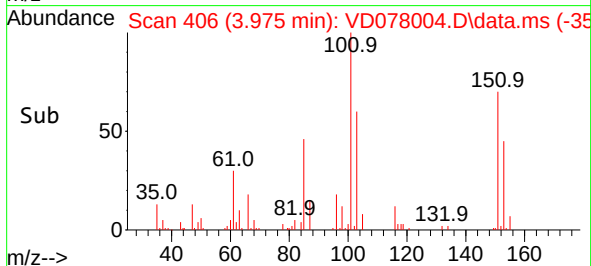
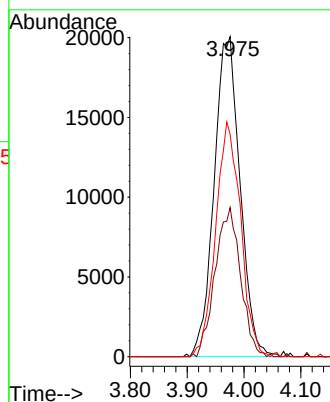
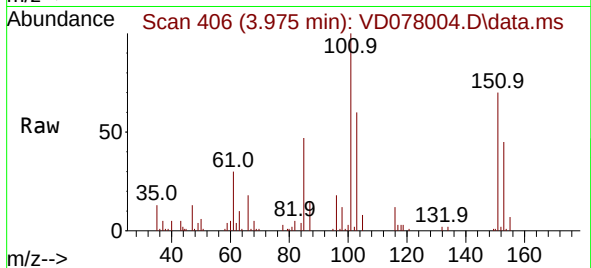
Tgt Ion:101 Resp: 63708
Ion Ratio Lower Upper
101 100
85 45.7 33.8 50.6
151 70.6 59.8 89.6

Manual Integrations
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Reviewed By :Mahesh
Dadoda

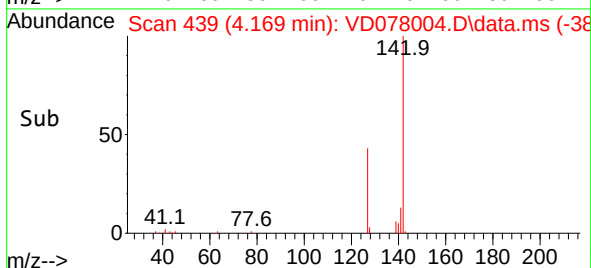
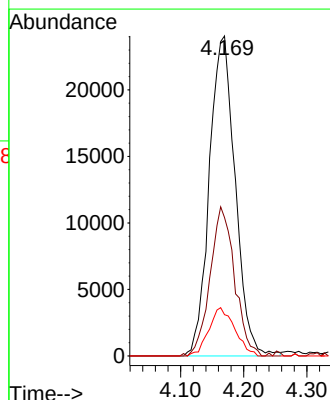
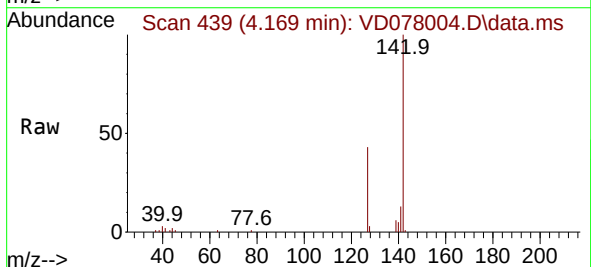
12/21/2023
Supervised By :Semsettin
Yesilyurt

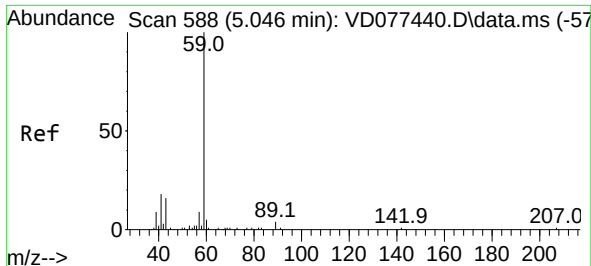
12/21/2023



#10
Methyl Iodide
Concen: 59.527 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

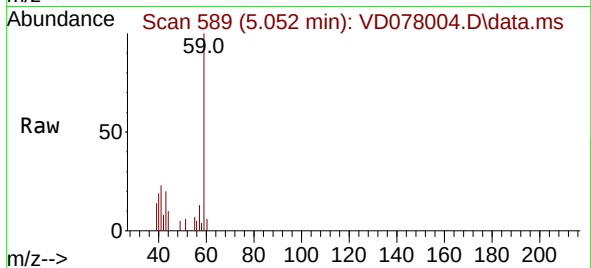
Tgt Ion:142 Resp: 68327
Ion Ratio Lower Upper
142 100
127 44.1 29.4 44.0#
141 15.2 11.1 16.7





#11
Tert butyl alcohol
Concen: 246.275 ug/l
RT: 5.052 min Scan# 589
Delta R.T. 0.006 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



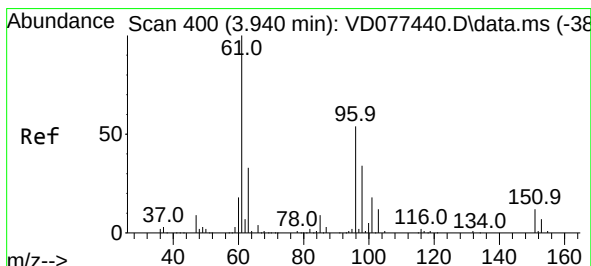
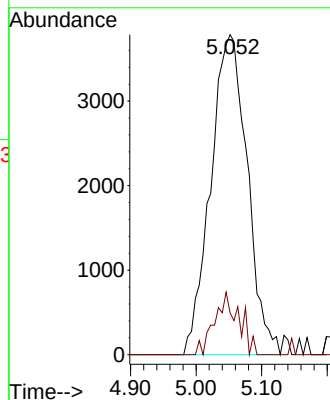
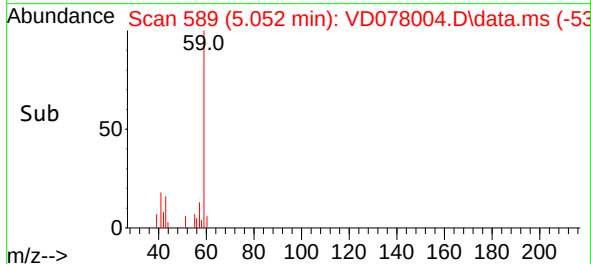
Tgt Ion: 59 Resp: 14672
Ion Ratio Lower Upper
59 100
57 12.9 7.8 11.8

Manual Integrations
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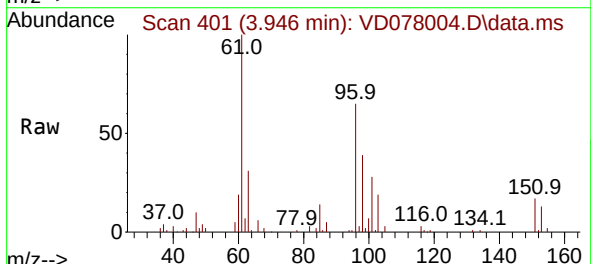
Reviewed By :Mahesh
Dadoda

12/21/2023
Supervised By :Semsettin
Yesilyurt

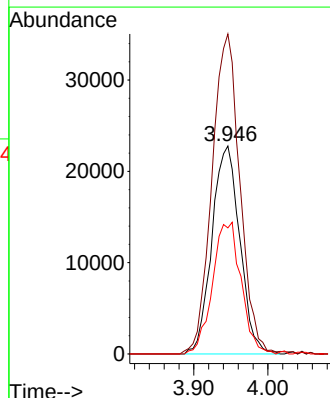
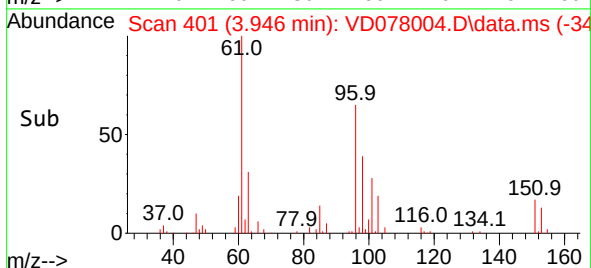
12/21/2023

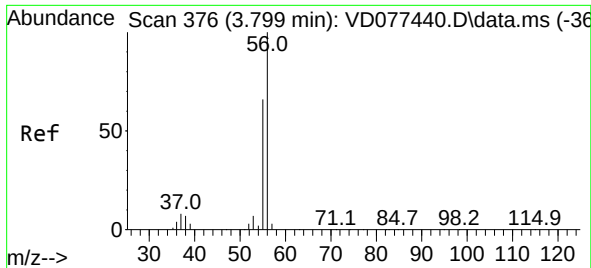


#12
1,1-Dichloroethene
Concen: 47.199 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03



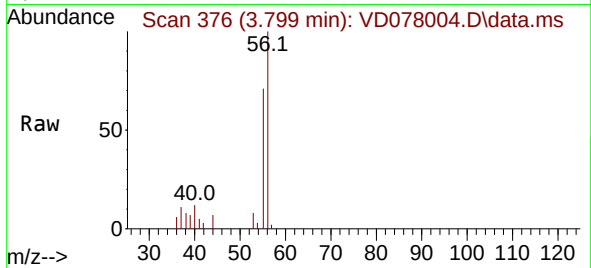
Tgt Ion: 96 Resp: 59525
Ion Ratio Lower Upper
96 100
61 153.8 100.6 150.8#
98 60.6 50.2 75.2





#13
Acrolein
Concen: 148.260 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



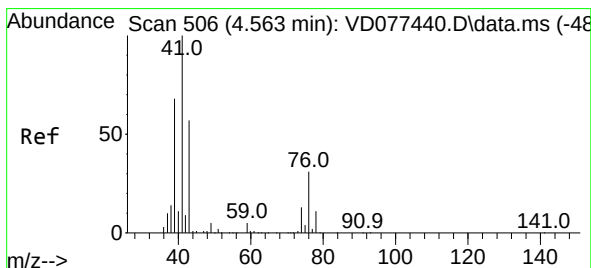
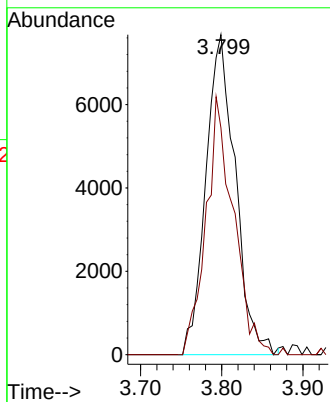
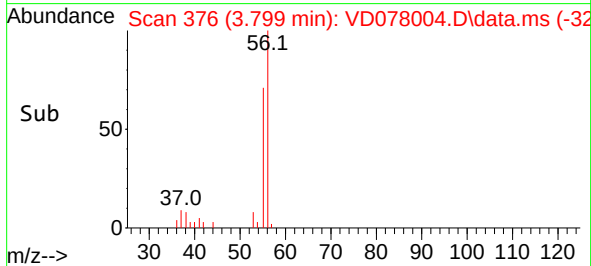
Tgt Ion: 56 Resp: 19389
Ion Ratio Lower Upper
56 100
55 75.0 55.1 82.7

Manual Integrations
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Reviewed By :Mahesh
Dadoda

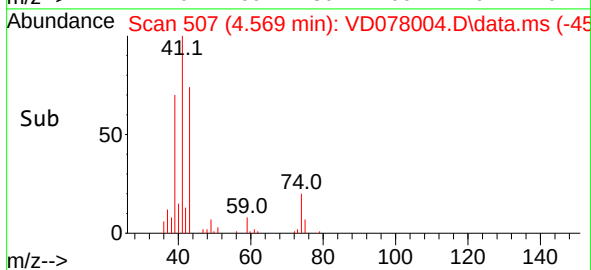
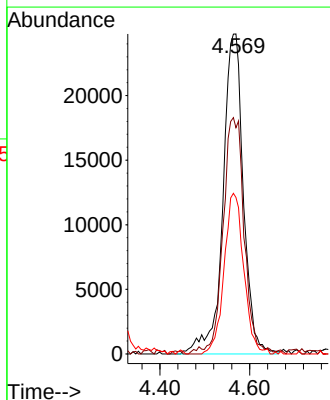
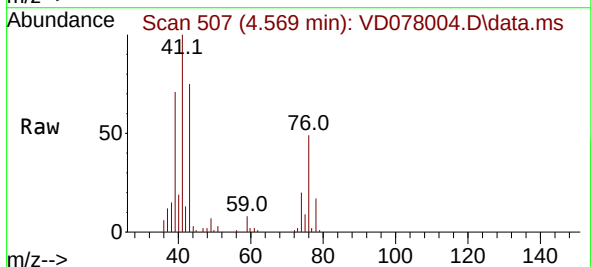
12/21/2023
Supervised By :Semsettin
Yesilyurt

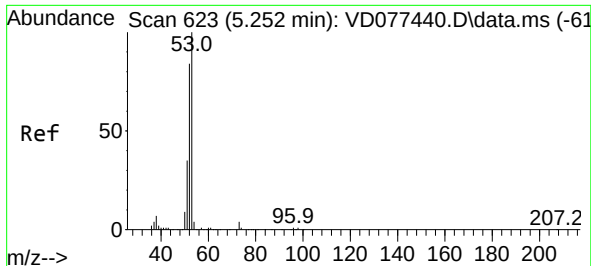
12/21/2023



#14
Allyl chloride
Concen: 45.440 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

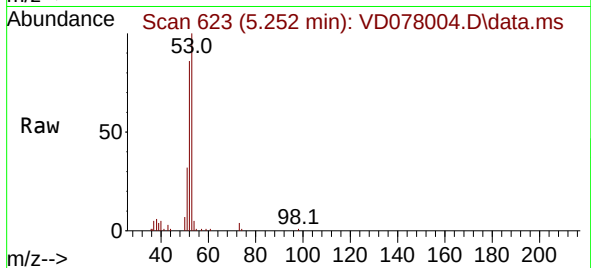
Tgt Ion: 41 Resp: 78816
Ion Ratio Lower Upper
41 100
39 76.1 53.8 80.6
76 48.1 45.8 68.8





#15
Acrylonitrile
Concen: 267.217 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



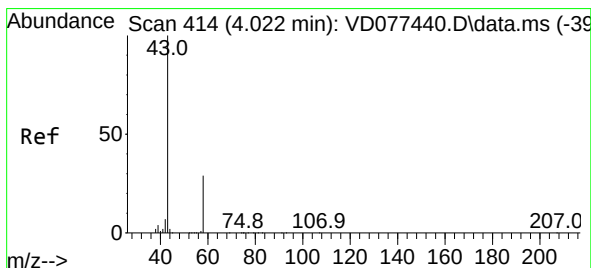
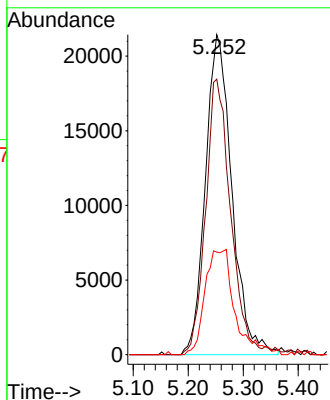
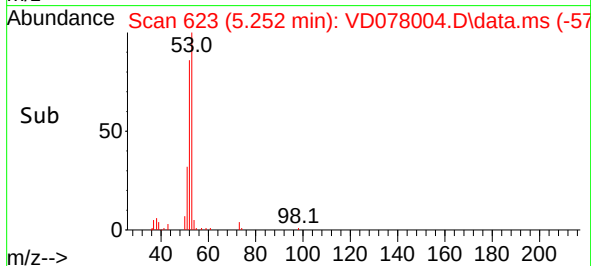
Tgt Ion: 53 Resp: 7175
Ion Ratio Lower Upper
53 100
52 80.9 65.0 97.4
51 36.7 28.3 42.5

Manual Integrations
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Reviewed By :Mahesh
Dadoda

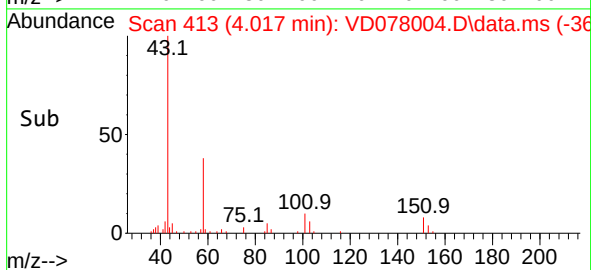
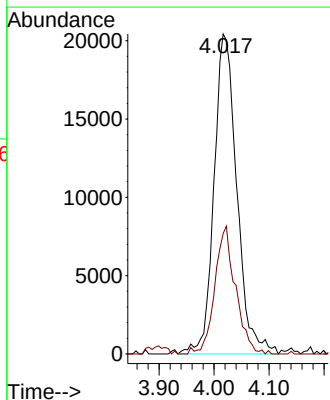
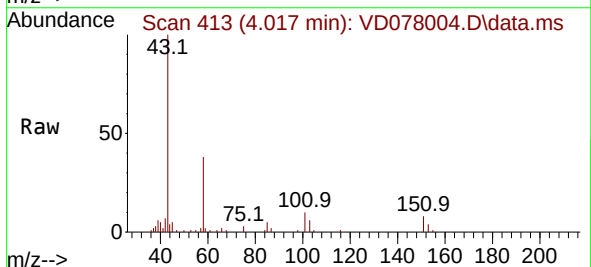
12/21/2023
Supervised By :Semsettin
Yesilyurt

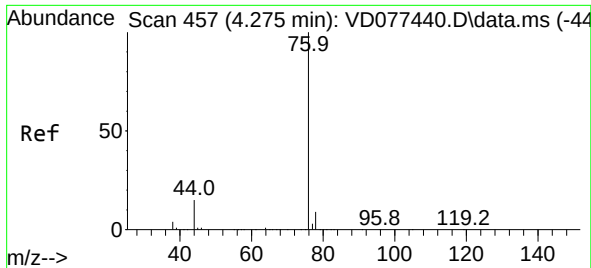
12/21/2023



#16
Acetone
Concen: 216.090 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.005 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Tgt Ion: 43 Resp: 58880
Ion Ratio Lower Upper
43 100
58 37.7 34.7 52.1





#17
Carbon Disulfide
Concen: 40.724 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

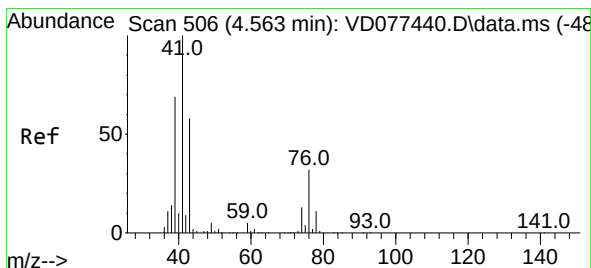
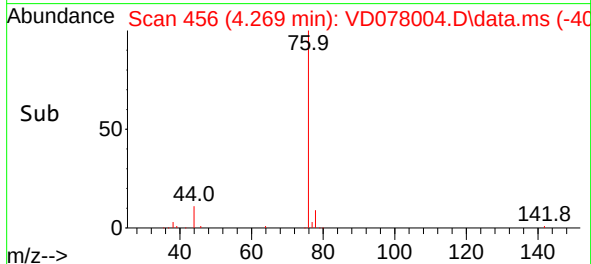
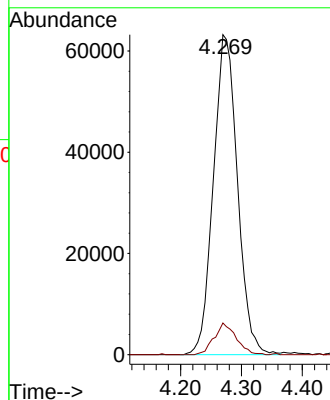
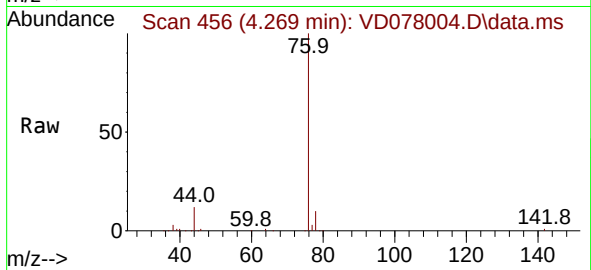
Tgt Ion: 76 Resp: 17375
Ion Ratio Lower Upper
76 100
78 9.9 6.8 10.2

Manual Integrations
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Reviewed By :Mahesh
Dadoda

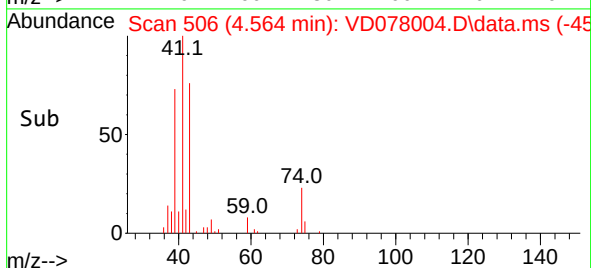
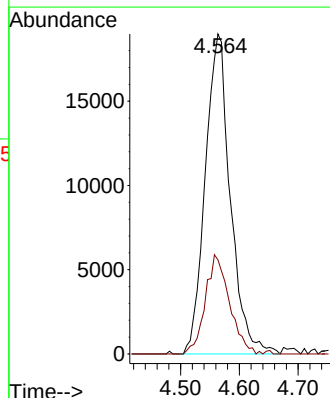
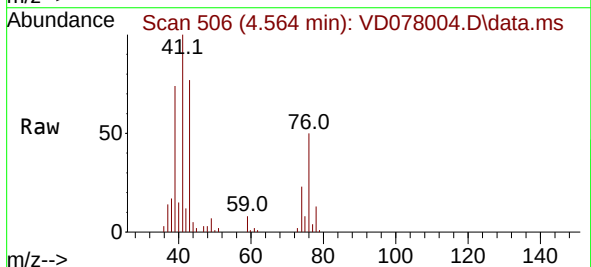
12/21/2023
Supervised By :Semsettin
Yesilyurt

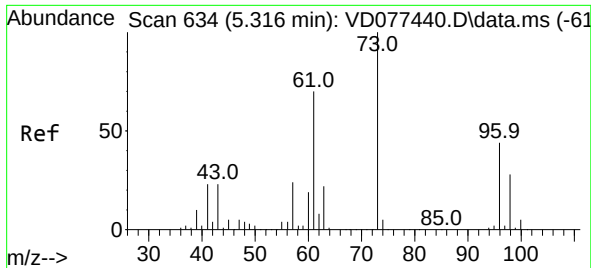
12/21/2023



#18
Methyl Acetate
Concen: 57.694 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

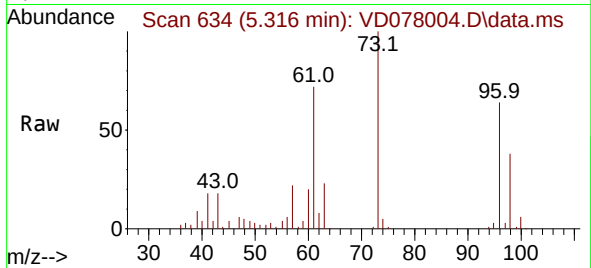
Tgt Ion: 43 Resp: 56174
Ion Ratio Lower Upper
43 100
74 29.9 26.4 39.6





#19
Methyl tert-butyl Ether
Concen: 53.247 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



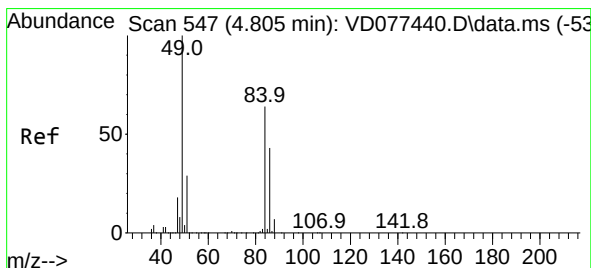
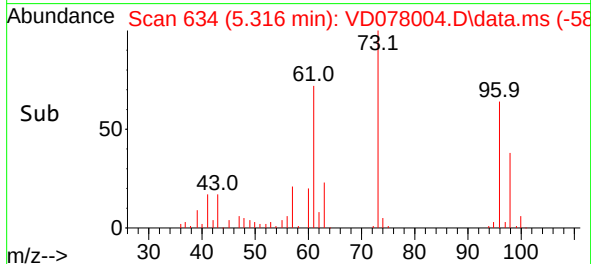
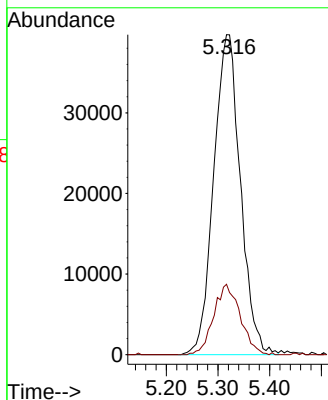
Tgt Ion: 73 Resp: 14247
Ion Ratio Lower Upper
73 100
57 22.0 16.6 25.0

Manual Integrations
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Reviewed By :Mahesh
Dadoda

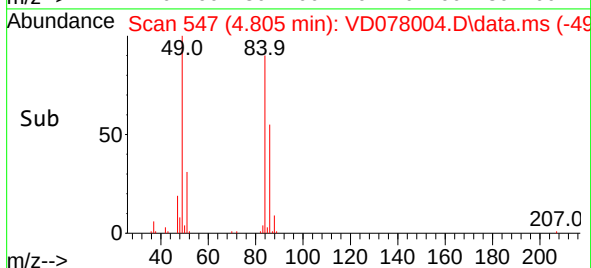
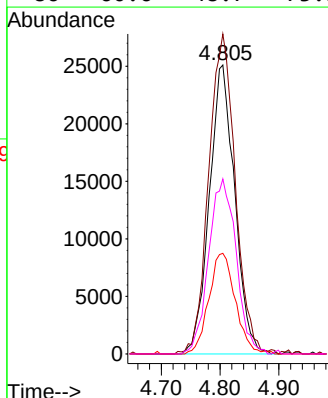
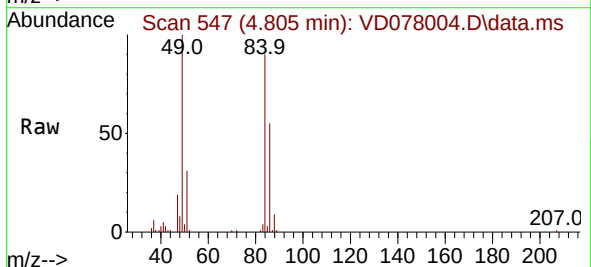
12/21/2023
Supervised By :Semsettin
Yesilyurt

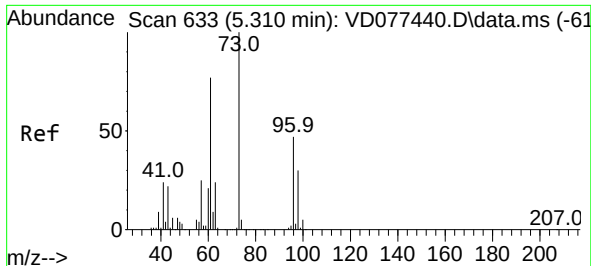
12/21/2023



#20
Methylene Chloride
Concen: 51.667 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

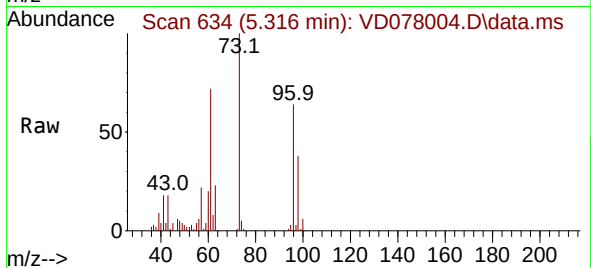
Tgt Ion: 84 Resp: 75410
Ion Ratio Lower Upper
84 100
49 110.7 71.4 107.2#
51 34.8 24.5 36.7
86 60.6 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 50.479 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



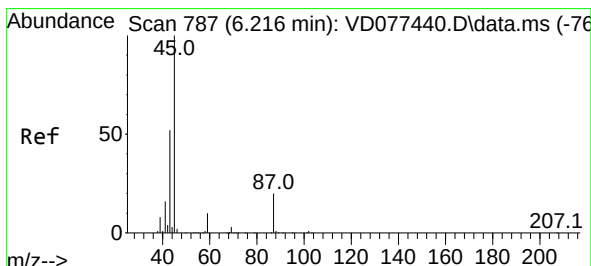
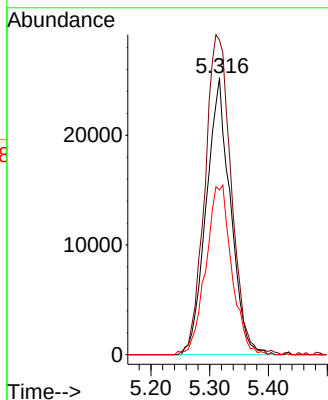
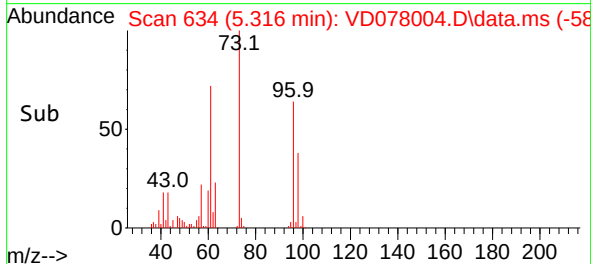
Tgt Ion: 96 Resp: 7210
Ion Ratio Lower Upper
96 100
61 113.6 89.3 133.9
98 59.5 48.6 73.0

Manual Integrations
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Reviewed By :Mahesh
Dadoda

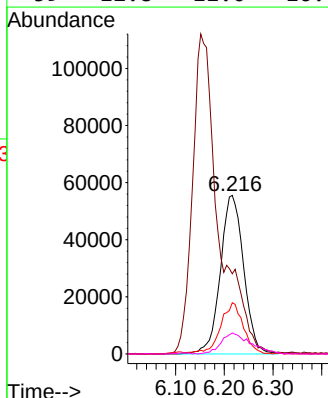
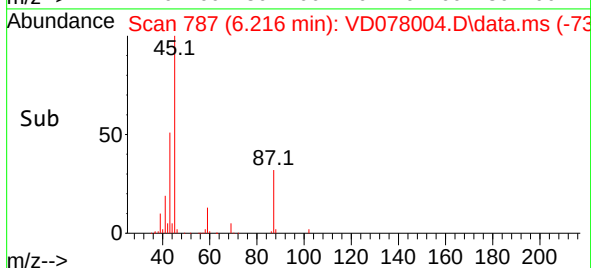
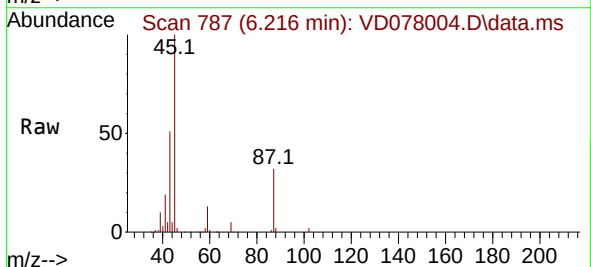
12/21/2023
Supervised By :Semsettin
Yesilyurt

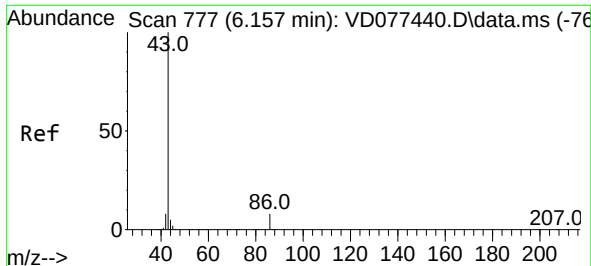
12/21/2023



#22
Diisopropyl ether
Concen: 50.929 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

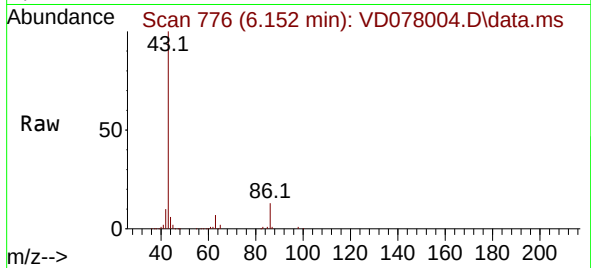
Tgt Ion: 45 Resp: 184599
Ion Ratio Lower Upper
45 100
43 49.3 40.0 60.0
87 31.8 28.2 42.4
59 12.8 11.0 16.4





#23
 Vinyl Acetate
 Concen: 239.053 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: VD078004.D
 Acq: 20 Dec 2023 19:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



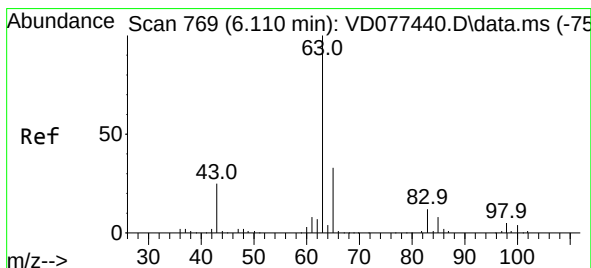
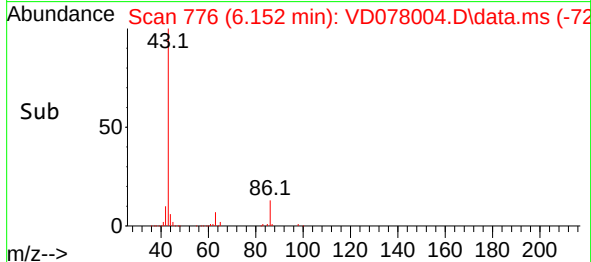
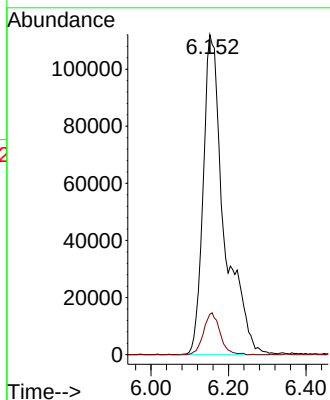
Tgt Ion: 43 Resp: 423130
 Ion Ratio Lower Upper
 43 100
 86 12.7 12.5 18.7

Manual Integrations
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Reviewed By :Mahesh
 Dadoda

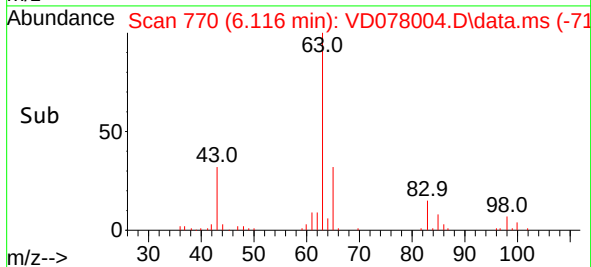
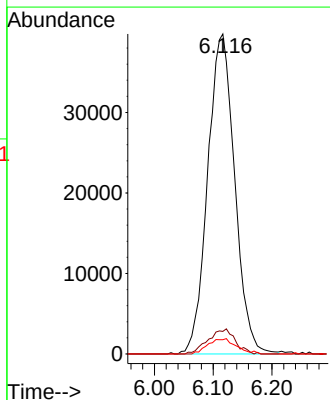
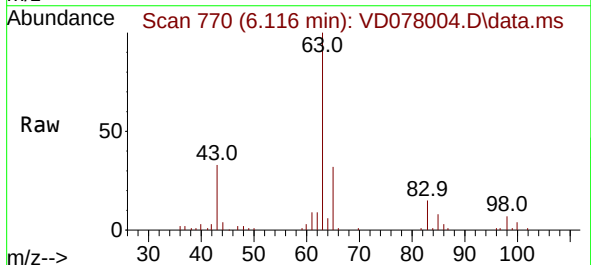
12/21/2023
 Supervised By :Semsettin
 Yesilyurt

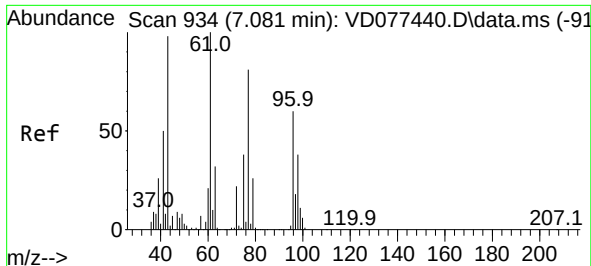
12/21/2023



#24
 1,1-Dichloroethane
 Concen: 51.767 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD078004.D
 Acq: 20 Dec 2023 19:03

Tgt Ion: 63 Resp: 127068
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.5 13.7
 100 4.4 2.5 7.5





#25

2-Butanone

Concen: 242.075 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078004.D

Acq: 20 Dec 2023 19:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 82428

Ion Ratio Lower Upper

43 100

72 32.1 30.7 46.1

Manual Integrations

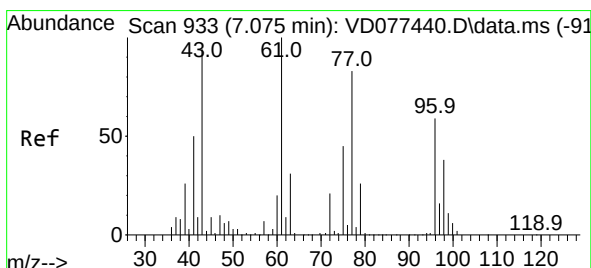
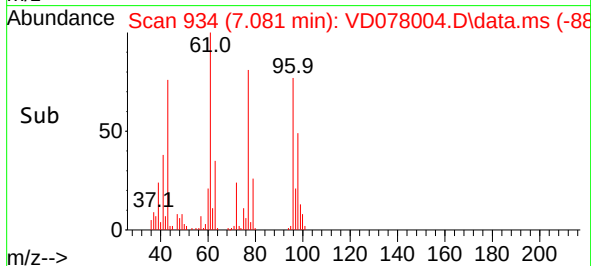
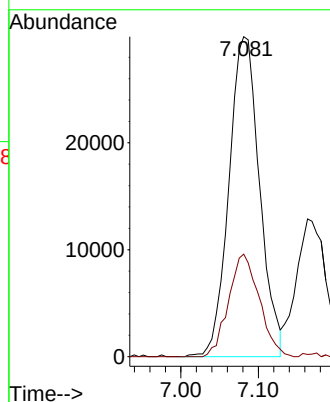
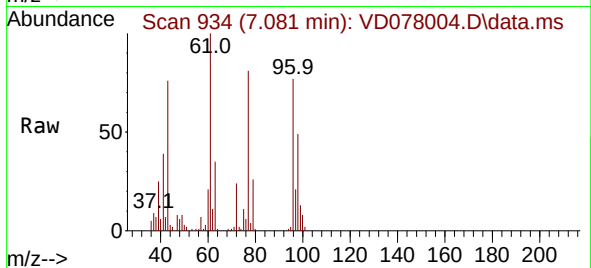
APPROVED

Reviewed By :Mahesh
Dadoda

12/21/2023

Supervised By :Semsettin
Yesilyurt

12/21/2023



#26

2,2-Dichloropropane

Concen: 47.487 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD078004.D

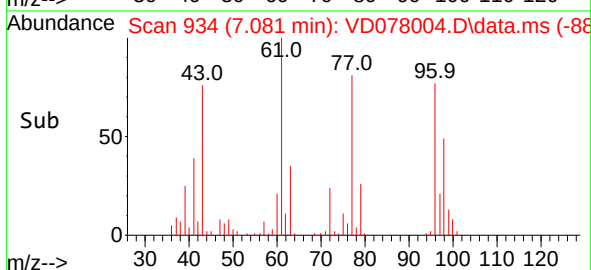
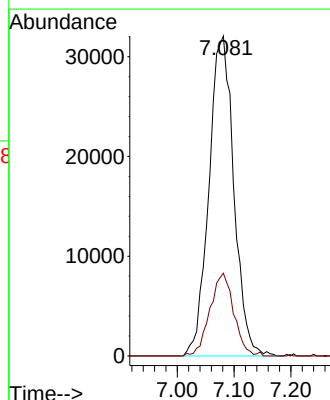
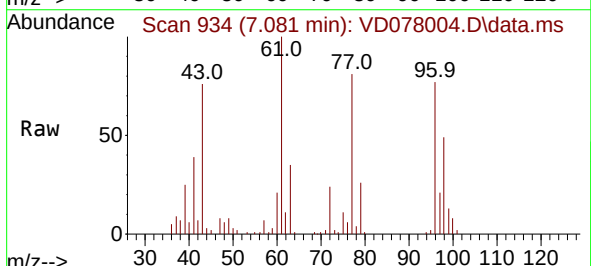
Acq: 20 Dec 2023 19:03

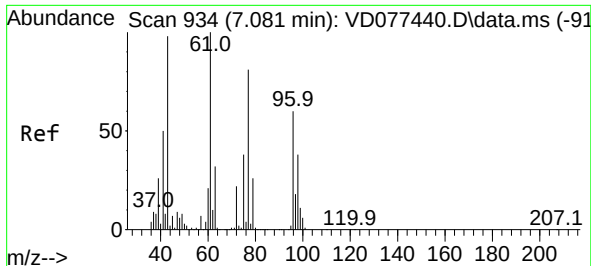
Tgt Ion: 77 Resp: 97866

Ion Ratio Lower Upper

77 100

97 24.8 13.2 39.6





#27
cis-1,2-Dichloroethene
Concen: 54.764 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

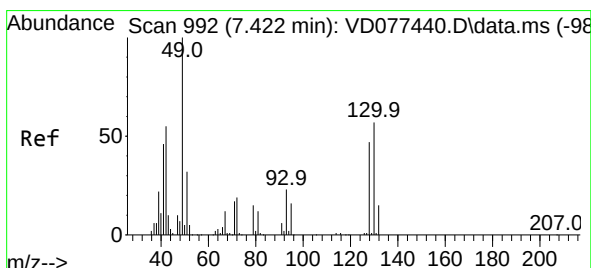
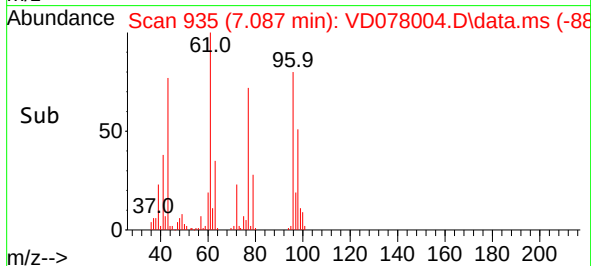
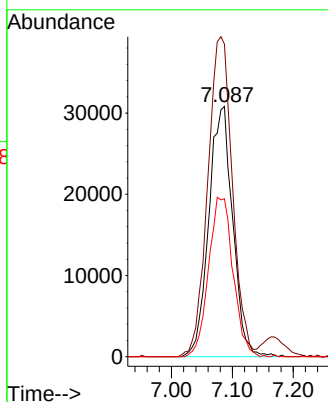
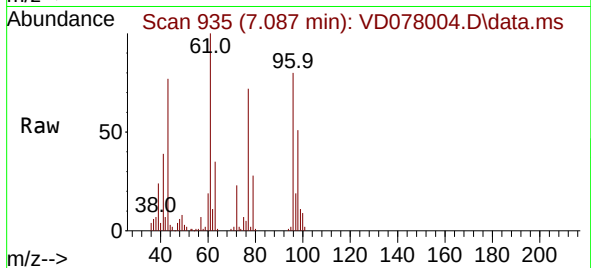
Tgt Ion: 96 Resp: 84174
Ion Ratio Lower Upper
96 100
61 131.7 0.0 239.2
98 65.1 0.0 128.6

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

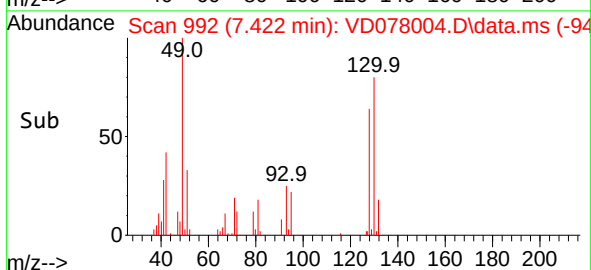
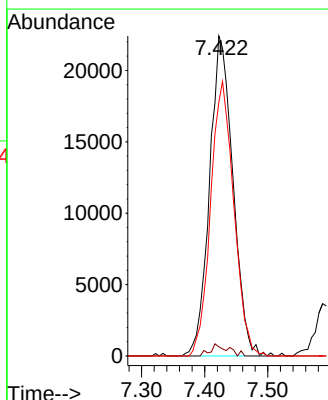
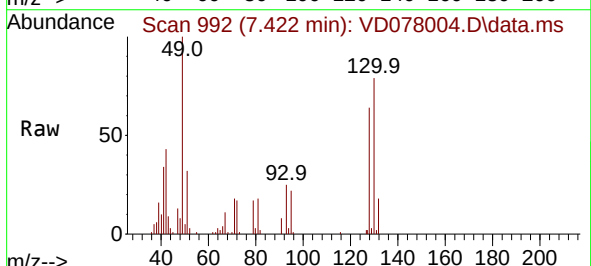
12/21/2023
Supervised By :Semsettin
Yesilyurt

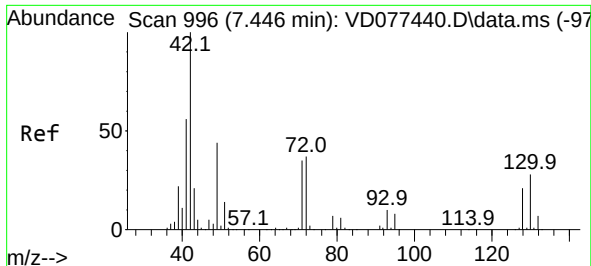
12/21/2023



#28
Bromochloromethane
Concen: 58.163 ug/l
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Tgt Ion: 49 Resp: 57689
Ion Ratio Lower Upper
49 100
129 2.8 0.0 6.0
130 85.1 83.2 124.8





#29

Tetrahydrofuran

Concen: 257.558 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD078004.D

Acq: 20 Dec 2023 19:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:	42	Resp:	5070
Ion Ratio	Lower	Upper	
42	100		
72	50.6	46.5	69.7
71	47.0	44.5	66.7

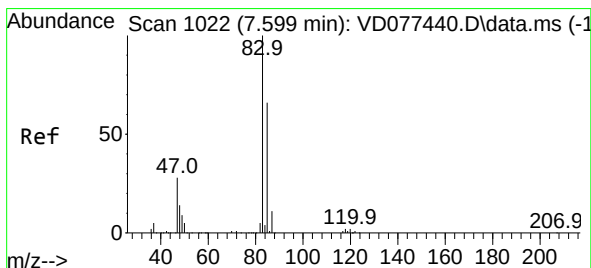
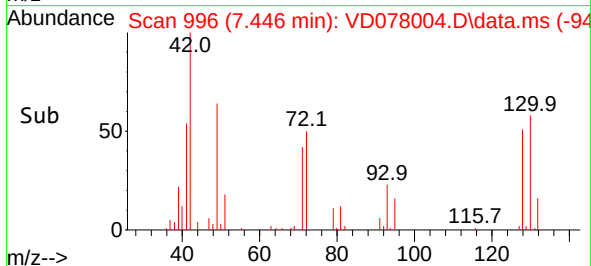
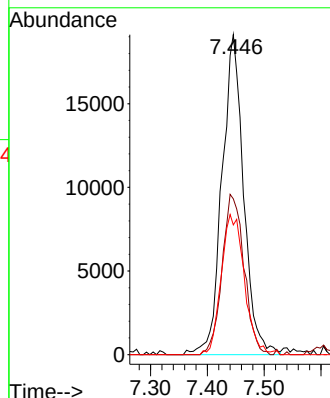
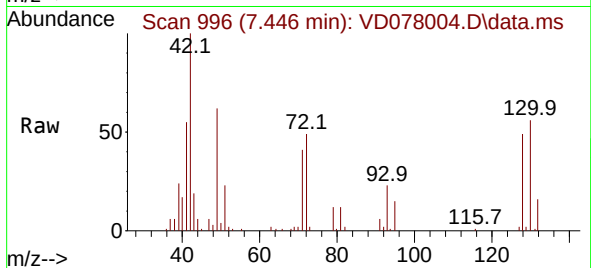
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

12/21/2023

Supervised By :Semsettin
Yesilyurt

12/21/2023



#30

Chloroform

Concen: 54.956 ug/l

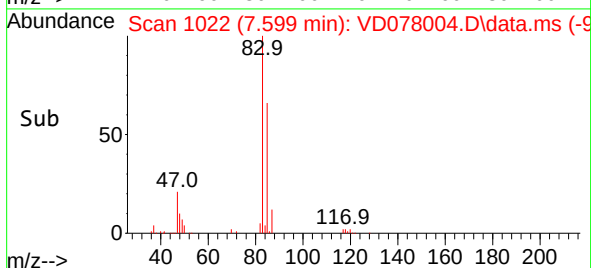
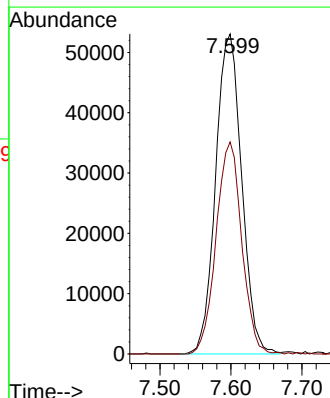
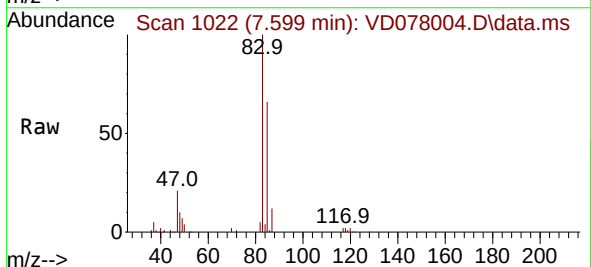
RT: 7.599 min Scan# 1022

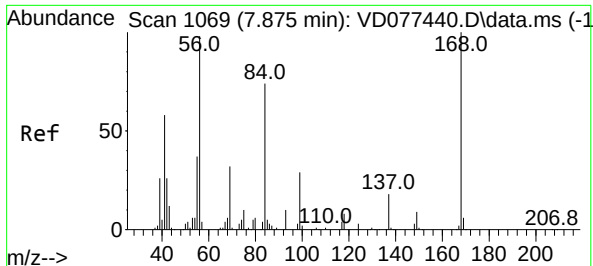
Delta R.T. -0.000 min

Lab File: VD078004.D

Acq: 20 Dec 2023 19:03

Tgt Ion:	83	Resp:	135005
Ion Ratio	Lower	Upper	
83	100		
85	66.2	53.4	80.2





#31

Cyclohexane

Concen: 42.016 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD078004.D

Acq: 20 Dec 2023 19:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 92392

Ion	Ratio	Lower	Upper
56	100		
69	33.8	28.6	43.0
84	103.6	84.8	127.2

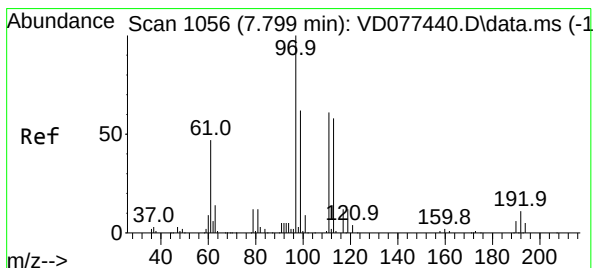
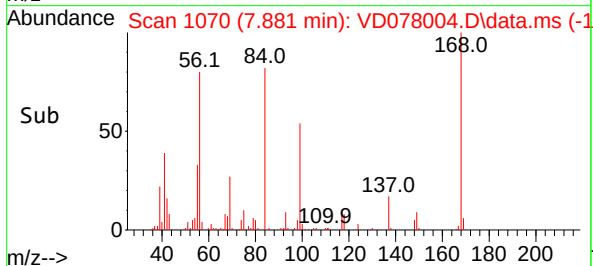
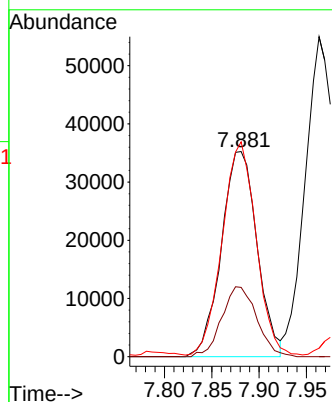
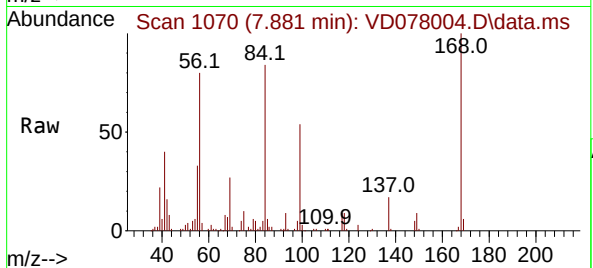
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

12/21/2023

Supervised By :Semsettin
Yesilyurt

12/21/2023



#32

1,1,1-Trichloroethane

Concen: 49.573 ug/l

RT: 7.793 min Scan# 1055

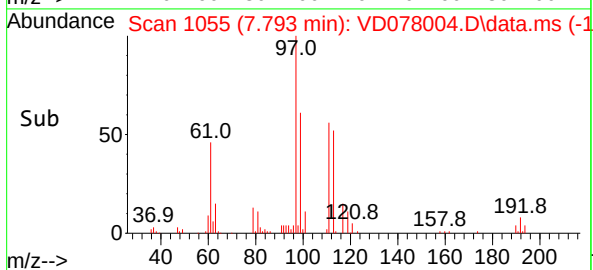
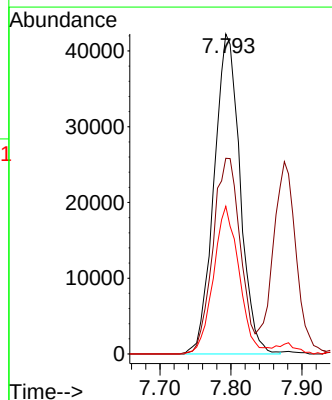
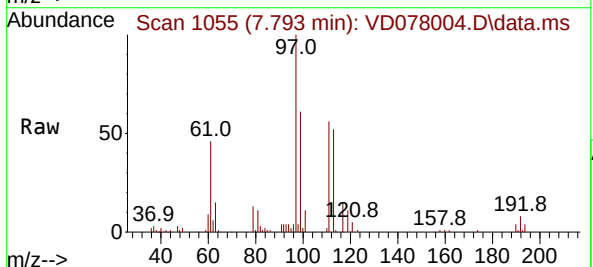
Delta R.T. -0.006 min

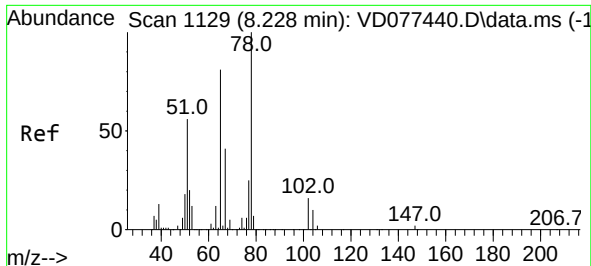
Lab File: VD078004.D

Acq: 20 Dec 2023 19:03

Tgt Ion: 97 Resp: 107357

Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.0	78.0
61	45.3	33.8	50.8





#33

1,2-Dichloroethane-d4

Concen: 56.792 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD078004.D

Acq: 20 Dec 2023 19:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 7021

Ion Ratio Lower Upper

65 100

67 54.3 0.0 115.0

Manual Integrations

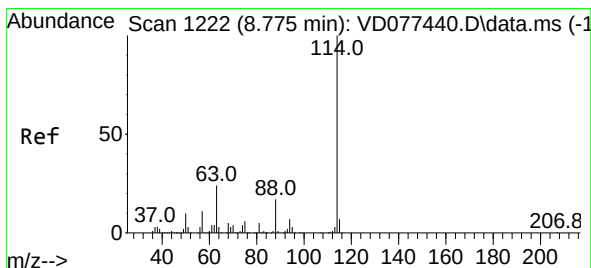
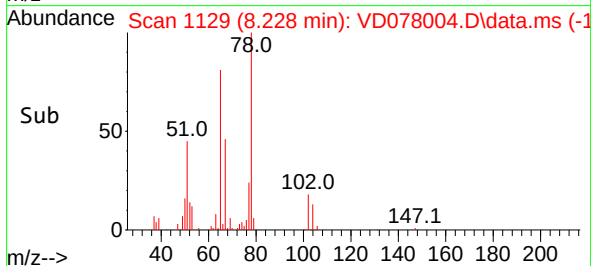
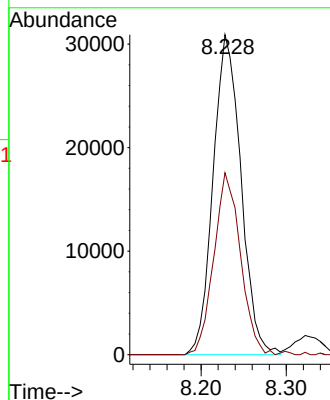
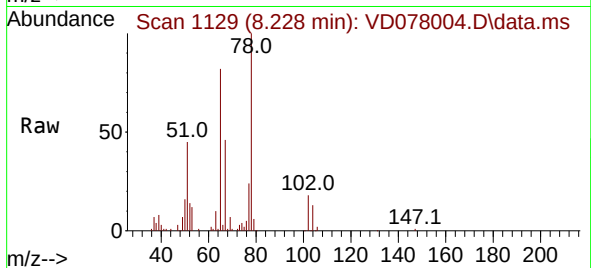
APPROVED

Reviewed By :Mahesh
Dadoda

12/21/2023

Supervised By :Semsettin
Yesilyurt

12/21/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078004.D

Acq: 20 Dec 2023 19:03

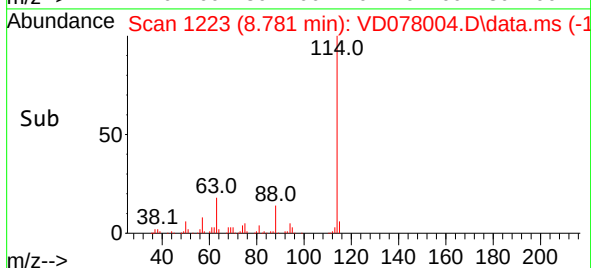
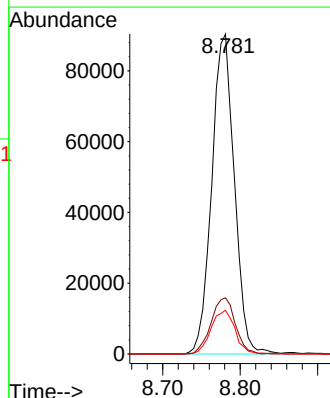
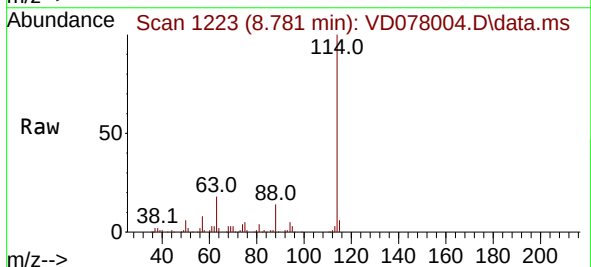
Tgt Ion:114 Resp: 182823

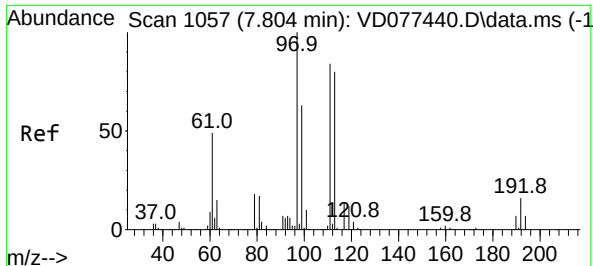
Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.4

88 13.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 59.369 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD078004.D

Acq: 20 Dec 2023 19:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 76028

Ion	Ratio	Lower	Upper
113	100		
111	103.1	84.7	127.1
192	17.9	16.8	25.2

Manual Integrations

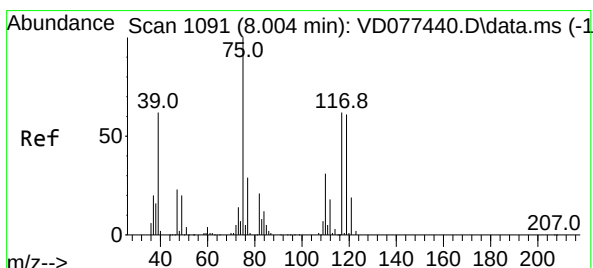
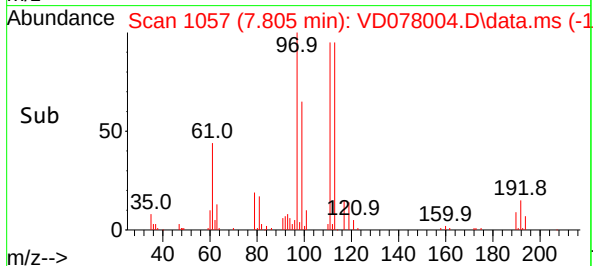
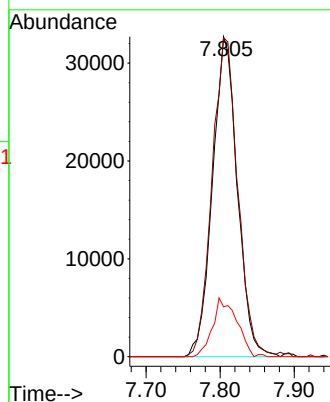
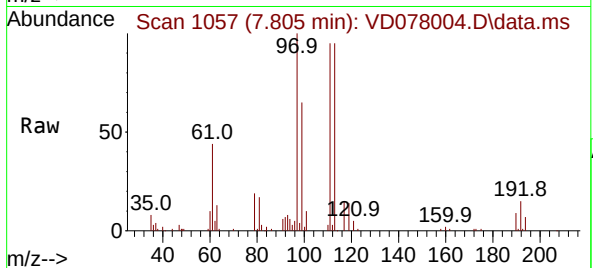
APPROVED

Reviewed By :Mahesh
Dadoda

12/21/2023

Supervised By :Semsettin
Yesilyurt

12/21/2023



#36

1,1-Dichloropropene

Concen: 47.035 ug/l

RT: 8.010 min Scan# 1092

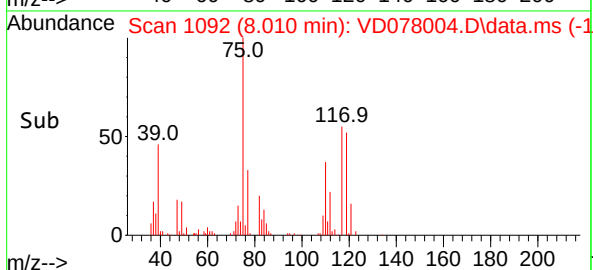
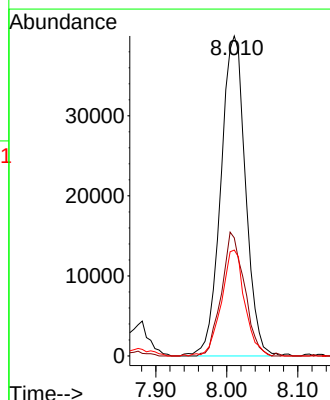
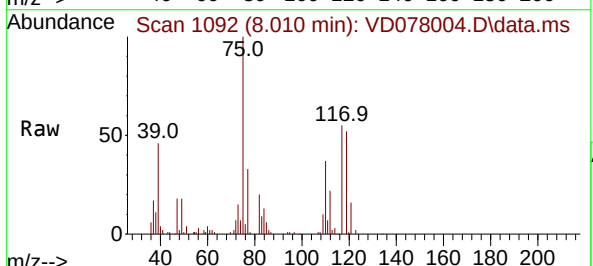
Delta R.T. 0.006 min

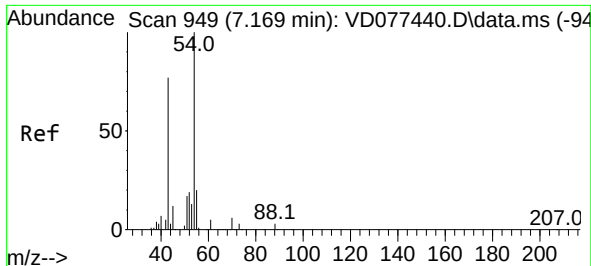
Lab File: VD078004.D

Acq: 20 Dec 2023 19:03

Tgt Ion: 75 Resp: 96347

Ion	Ratio	Lower	Upper
75	100		
110	35.9	19.9	59.6
77	31.3	24.7	37.1





#37

Ethyl Acetate

Concen: 46.502 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD078004.D

Acq: 20 Dec 2023 19:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	3714
Ion	Ratio	Lower	Upper
43	100		
61	16.7	14.9	22.3
70	11.3	10.0	15.0

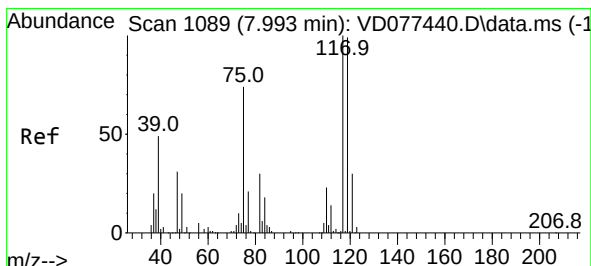
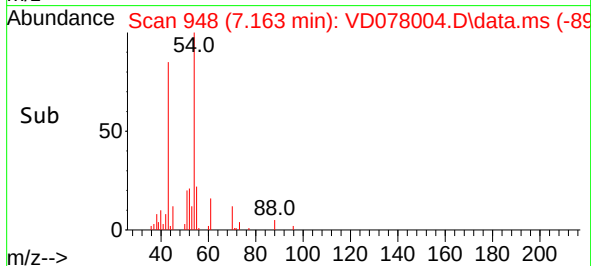
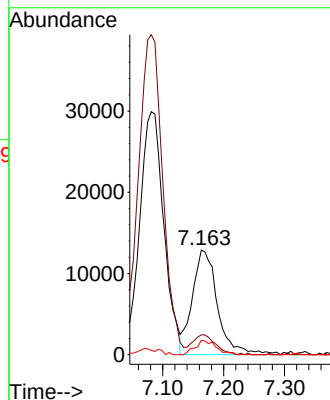
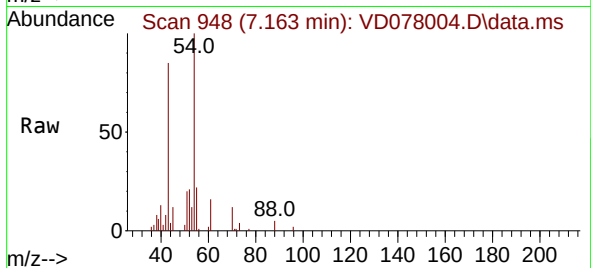
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

12/21/2023

Supervised By :Semsettin
Yesilyurt

12/21/2023



#38

Carbon Tetrachloride

Concen: 47.486 ug/l

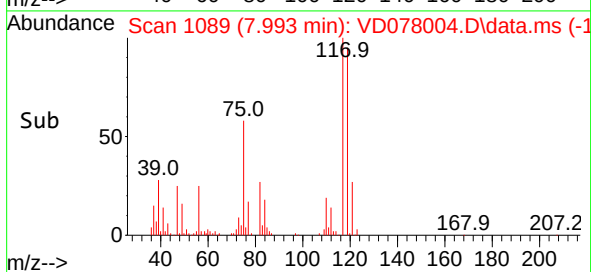
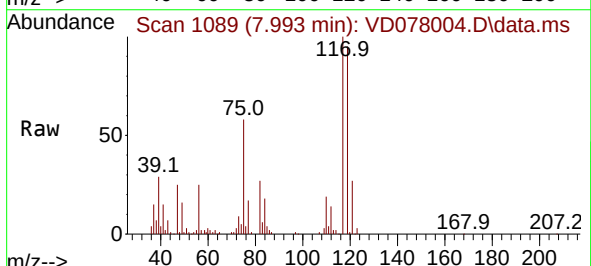
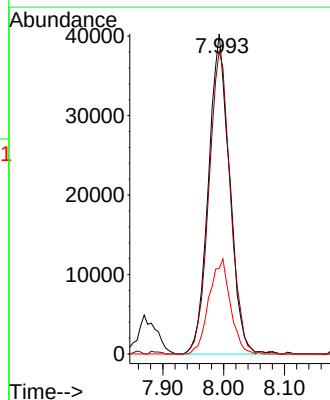
RT: 7.993 min Scan# 1089

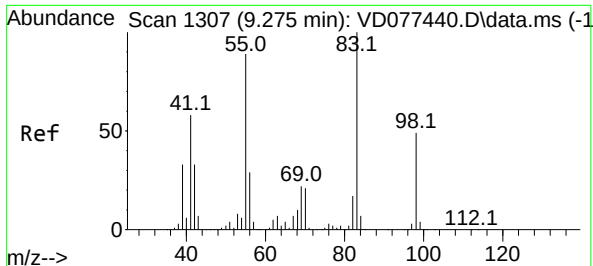
Delta R.T. -0.000 min

Lab File: VD078004.D

Acq: 20 Dec 2023 19:03

Tgt Ion:	117	Resp:	96973
Ion	Ratio	Lower	Upper
117	100		
119	94.7	78.0	117.0
121	26.8	24.2	36.2





#39

Methylcyclohexane

Concen: 44.441 ug/l

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD078004.D

Acq: 20 Dec 2023 19:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 107919

Ion	Ratio	Lower	Upper
83	100		
55	65.7	49.4	74.0
98	47.0	38.4	57.6

Manual Integrations

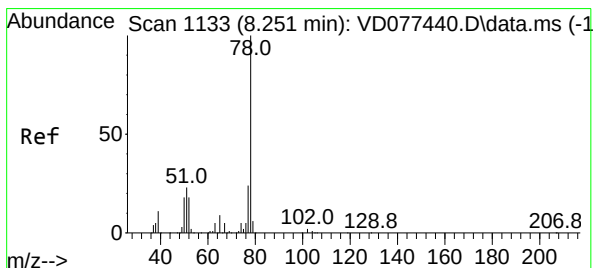
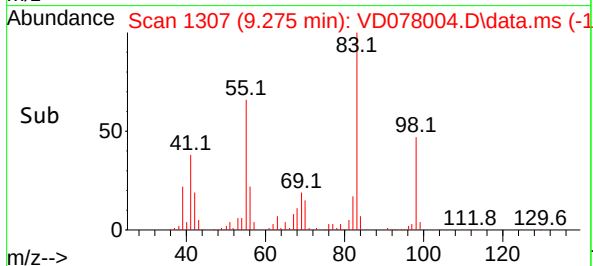
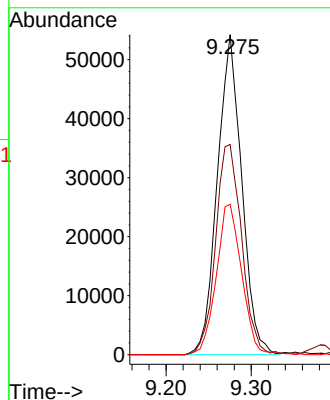
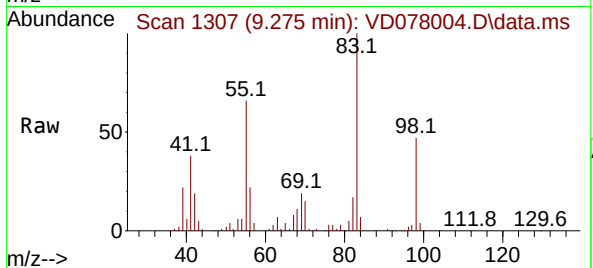
APPROVED

Reviewed By :Mahesh
Dadoda

12/21/2023

Supervised By :Semsettin
Yesilyurt

12/21/2023



#40

Benzene

Concen: 49.892 ug/l

RT: 8.252 min Scan# 1133

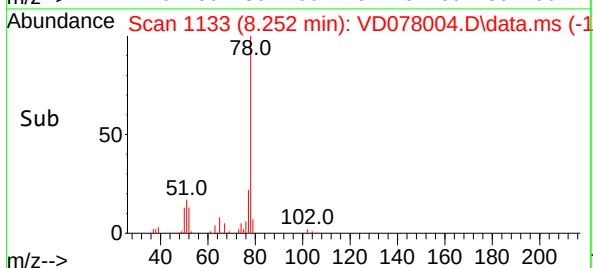
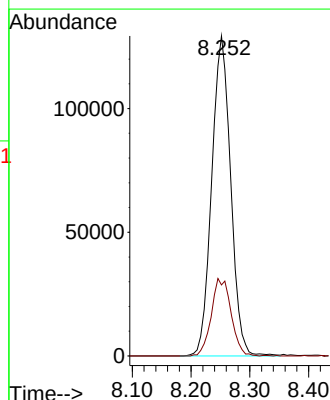
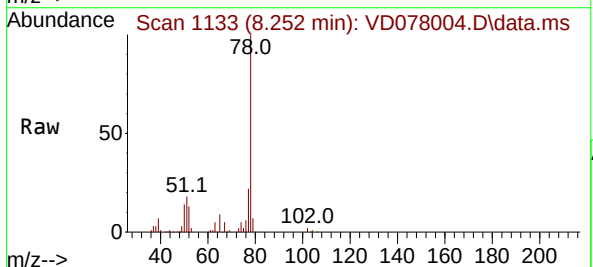
Delta R.T. 0.001 min

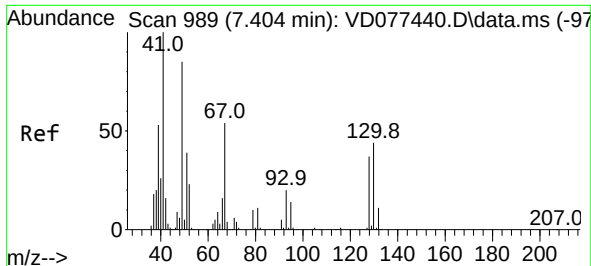
Lab File: VD078004.D

Acq: 20 Dec 2023 19:03

Tgt Ion: 78 Resp: 290062

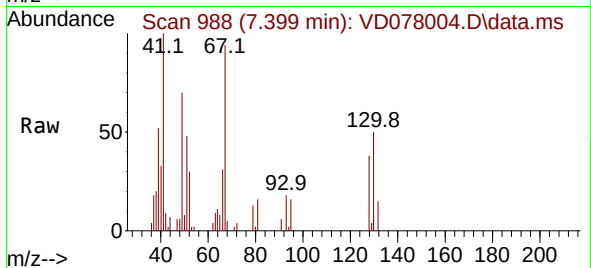
Ion	Ratio	Lower	Upper
78	100		
77	22.2	19.4	29.0





#41
Methacrylonitrile
Concen: 50.791 ug/l
RT: 7.399 min Scan# 989
Delta R.T. -0.005 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



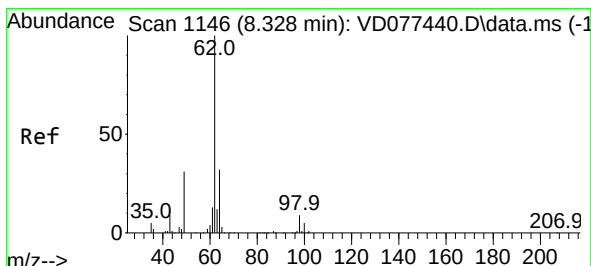
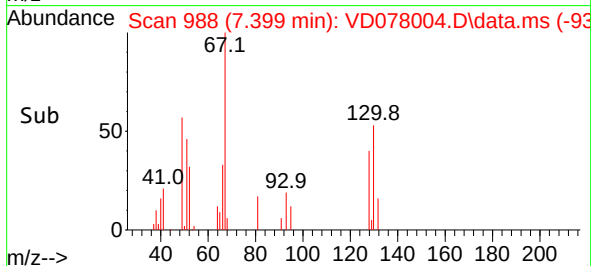
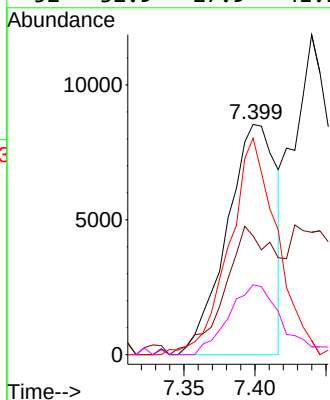
Tgt Ion: 41 Resp: 20619
Ion Ratio Lower Upper
41 100
39 61.3 34.0 51.0
67 91.4 77.0 115.4
52 32.9 27.9 41.9

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

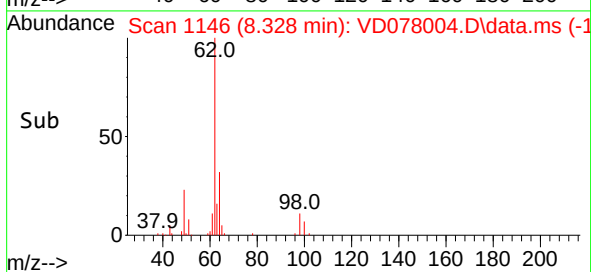
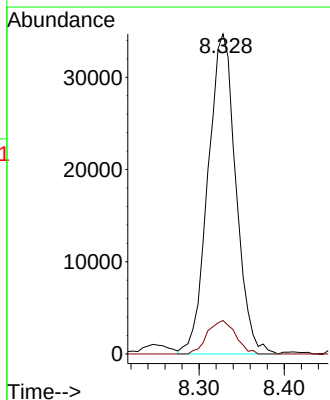
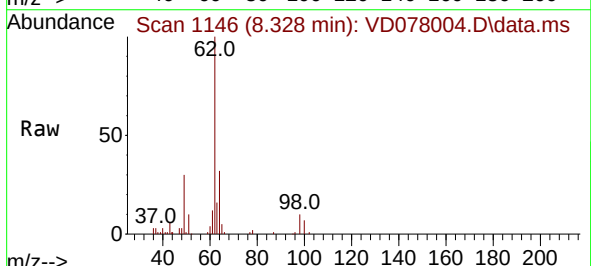
12/21/2023
Supervised By :Semsettin
Yesilyurt

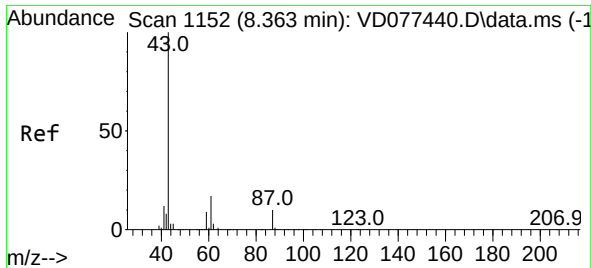
12/21/2023



#42
1,2-Dichloroethane
Concen: 52.305 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

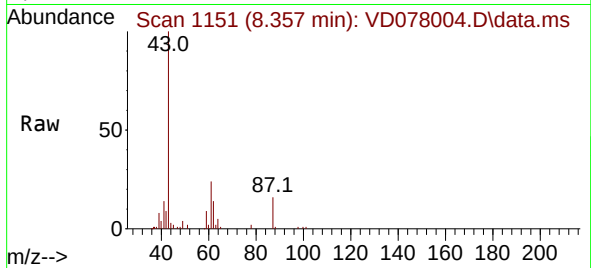
Tgt Ion: 62 Resp: 78824
Ion Ratio Lower Upper
62 100
98 10.5 0.0 25.4





#43
Isopropyl Acetate
Concen: 49.383 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



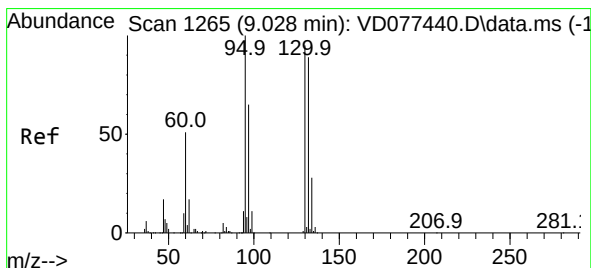
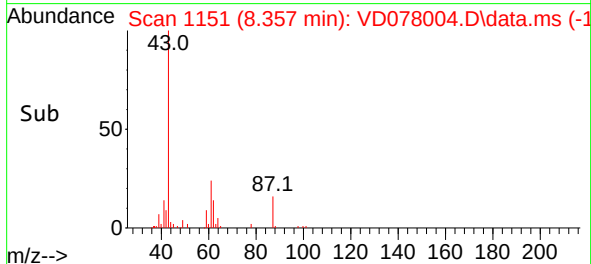
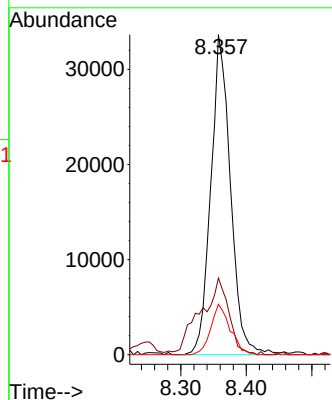
Tgt Ion: 43 Resp: 7011
Ion Ratio Lower Upper
43 100
61 34.7 31.4 47.0
87 15.6 14.9 22.3

Manual Integrations
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Reviewed By :Mahesh
Dadoda

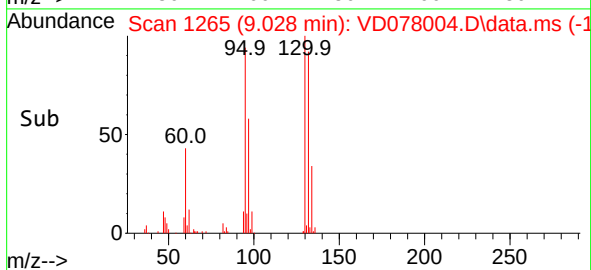
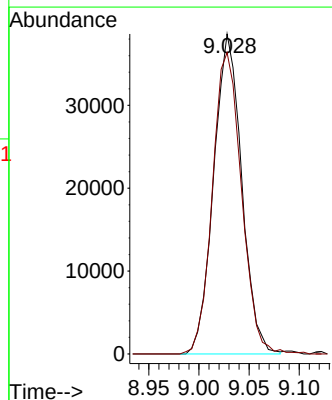
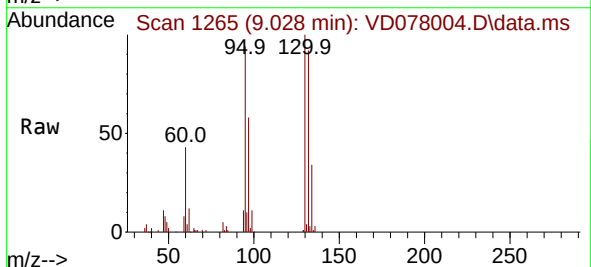
12/21/2023
Supervised By :Semsettin
Yesilyurt

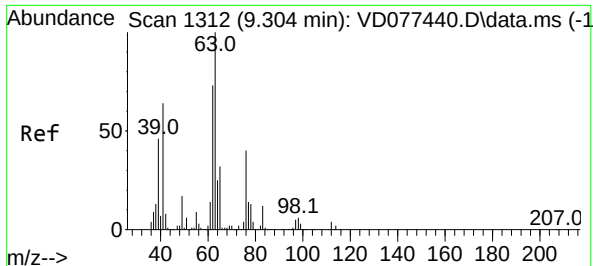
12/21/2023



#44
Trichloroethene
Concen: 49.336 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Tgt Ion:130 Resp: 74747
Ion Ratio Lower Upper
130 100
95 94.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 52.990 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078004.D

Acq: 20 Dec 2023 19:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 7489

Ion Ratio Lower Upper

63 100

65 29.0 24.5 36.7

Manual Integrations

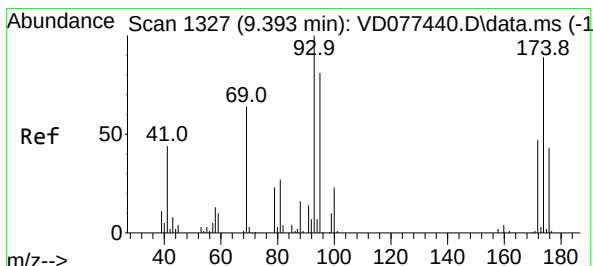
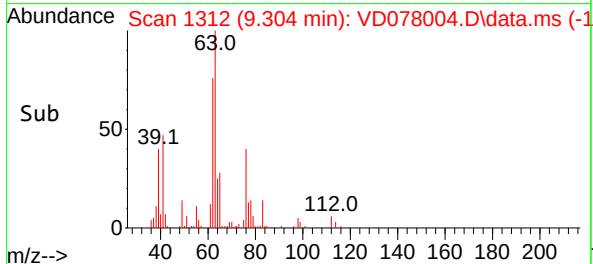
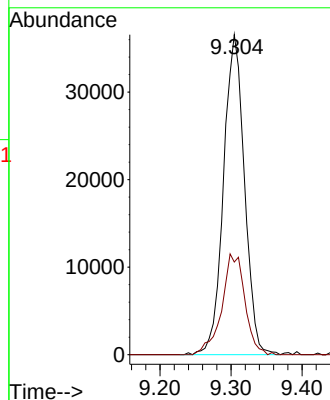
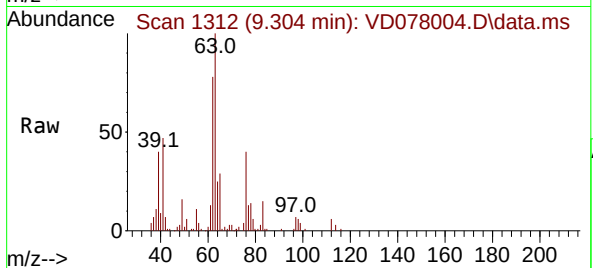
APPROVED

Reviewed By :Mahesh
Dadoda

12/21/2023

Supervised By :Semsettin
Yesilyurt

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#46

Dibromomethane

Concen: 53.840 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD078004.D

Acq: 20 Dec 2023 19:03

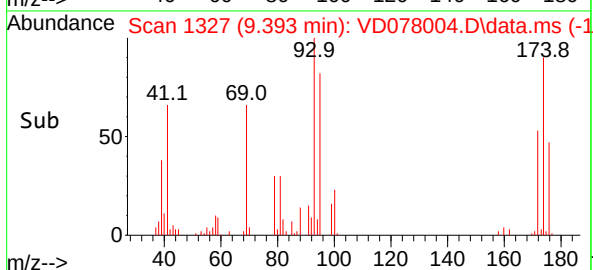
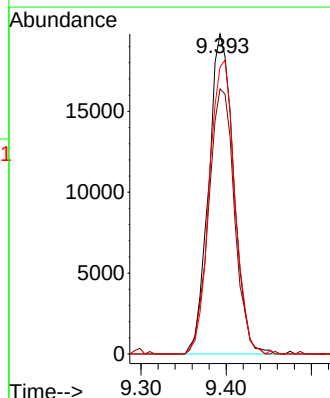
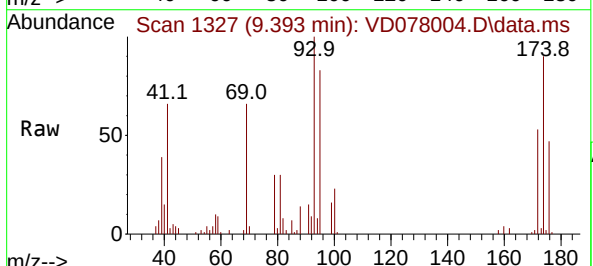
Tgt Ion: 93 Resp: 40262

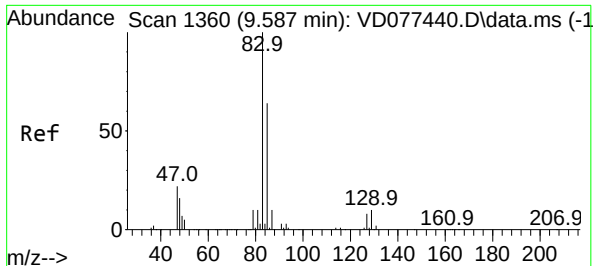
Ion Ratio Lower Upper

93 100

95 85.3 67.7 101.5

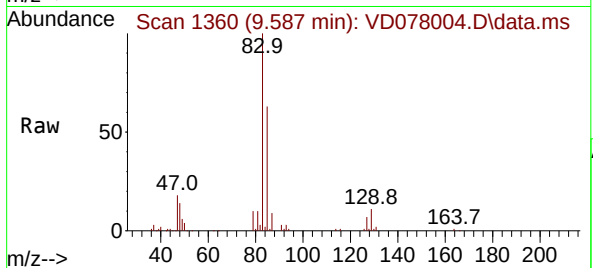
174 93.3 85.4 128.2





#47
Bromodichloromethane
Concen: 54.921 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



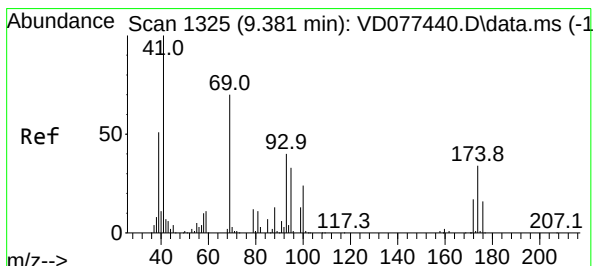
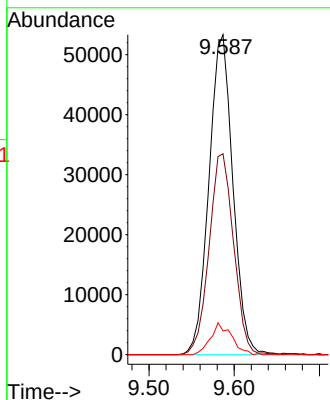
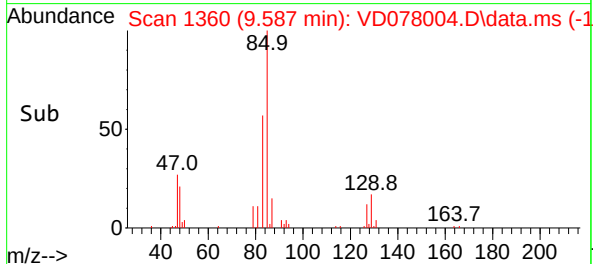
Tgt Ion: 83 Resp: 104100
Ion Ratio Lower Upper
83 100
85 62.8 50.2 75.4
127 7.5 6.3 9.5

Manual Integrations
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Reviewed By :Mahesh
Dadoda

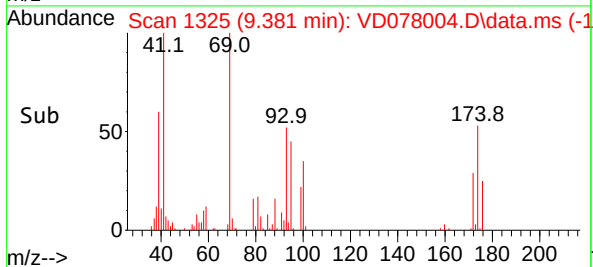
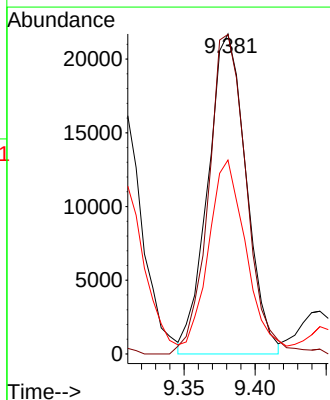
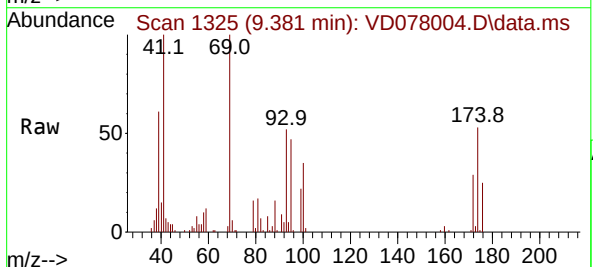
12/21/2023
Supervised By :Semsettin
Yesilyurt

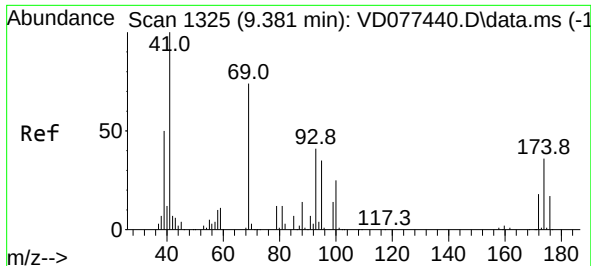
12/21/2023



#48
Methyl methacrylate
Concen: 50.473 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

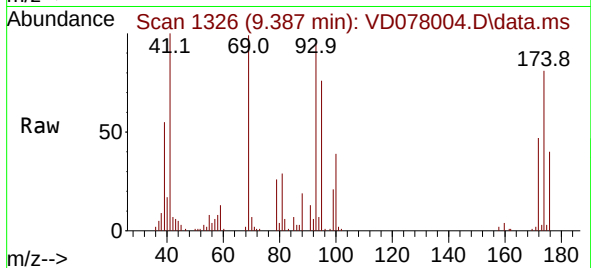
Tgt Ion: 41 Resp: 40737
Ion Ratio Lower Upper
41 100
69 98.7 102.2 153.2#
39 58.9 41.4 62.2





#49
1,4-Dioxane
Concen: 1058.381 ug/l
RT: 9.387 min Scan# 1325
Delta R.T. 0.006 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



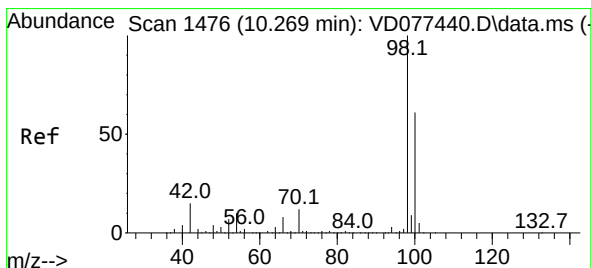
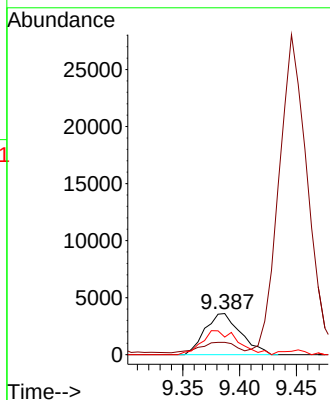
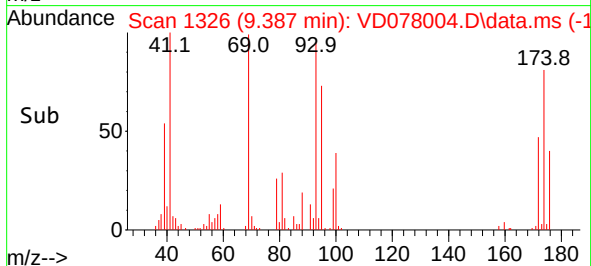
Tgt Ion: 88 Resp: 7859
Ion Ratio Lower Upper
88 100
43 25.5 19.0 28.6
58 59.4 43.5 65.3

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

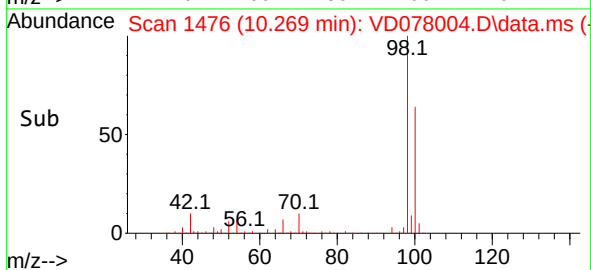
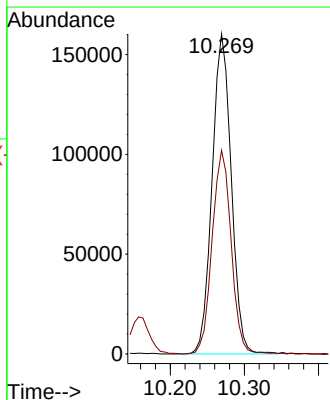
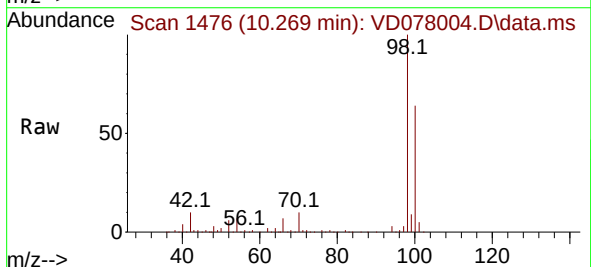
12/21/2023
Supervised By :Semsettin
Yesilyurt

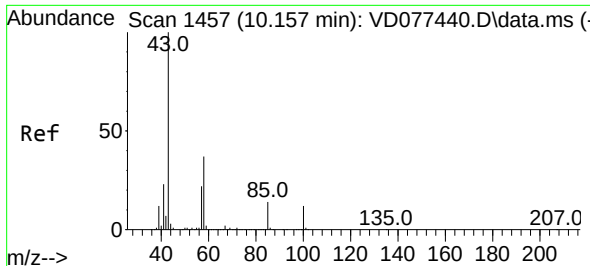
12/21/2023



#50
Toluene-d8
Concen: 56.057 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

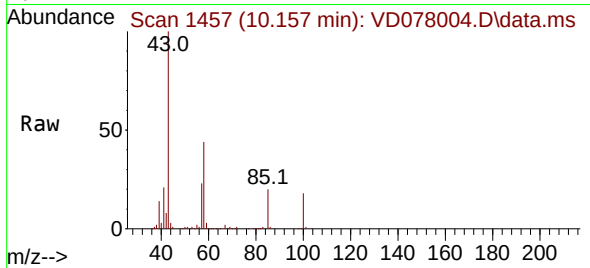
Tgt Ion: 98 Resp: 287520
Ion Ratio Lower Upper
98 100
100 63.2 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 250.856 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



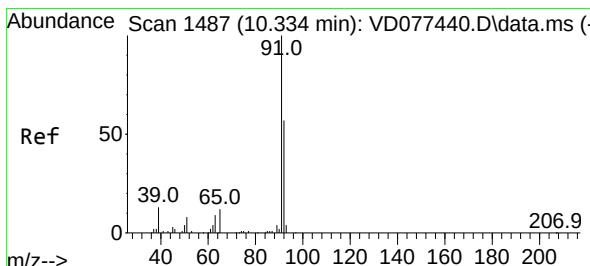
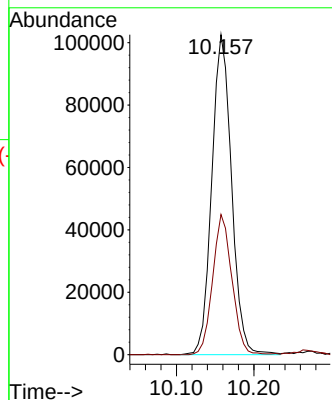
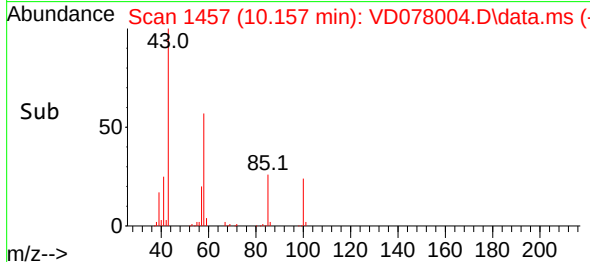
Tgt Ion: 43 Resp: 181776
Ion Ratio Lower Upper
43 100
58 42.6 38.9 58.3

Manual Integrations
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Reviewed By :Mahesh
Dadoda

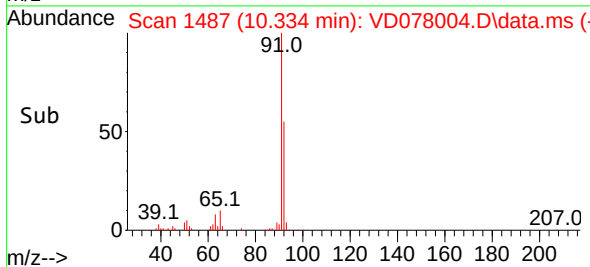
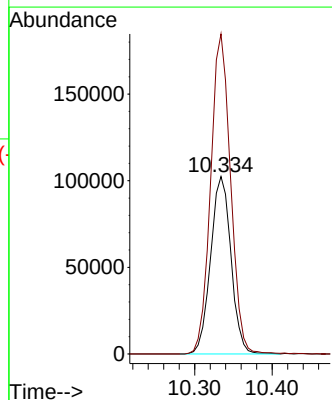
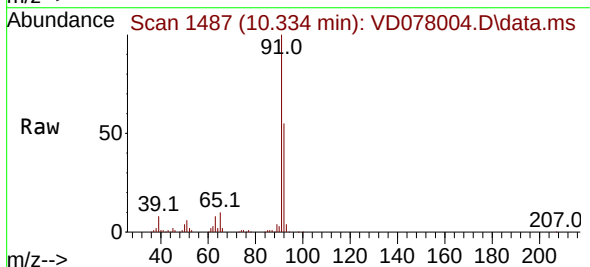
12/21/2023
Supervised By :Semsettin
Yesilyurt

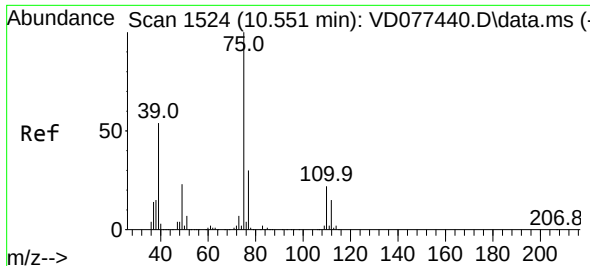
12/21/2023



#52
Toluene
Concen: 51.844 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Tgt Ion: 92 Resp: 186969
Ion Ratio Lower Upper
92 100
91 176.9 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 51.600 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

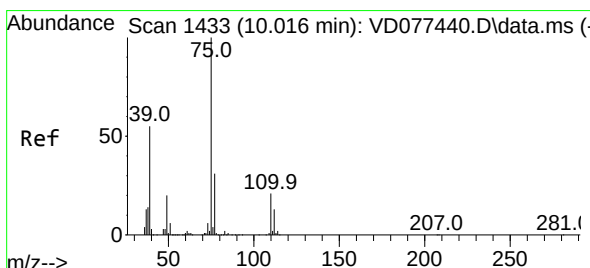
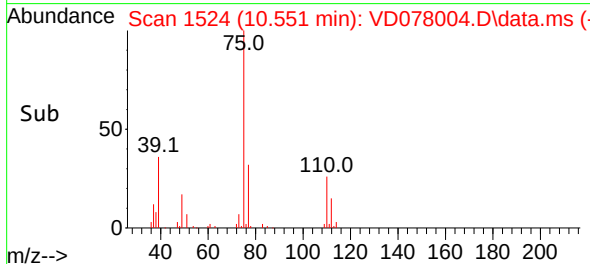
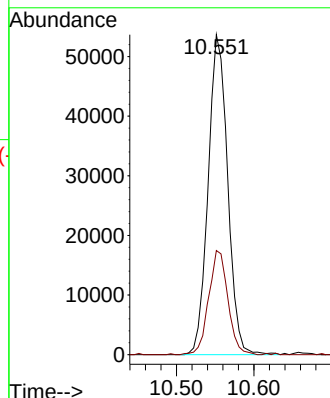
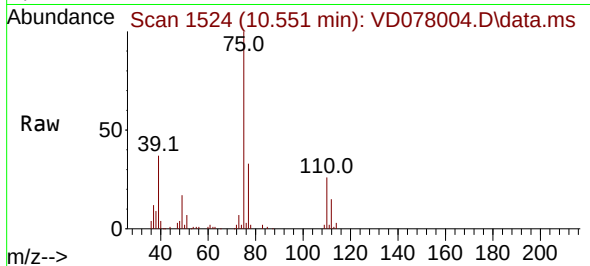
Tgt Ion: 75 Resp: 9392
Ion Ratio Lower Upper
75 100
77 32.6 25.3 37.9

Manual Integrations
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Reviewed By :Mahesh
Dadoda

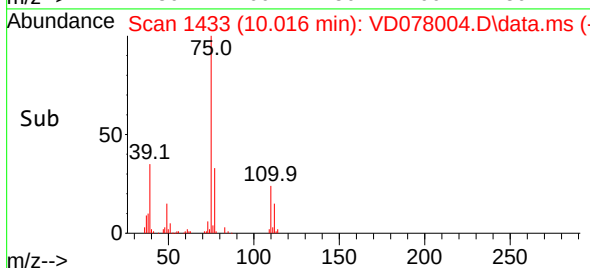
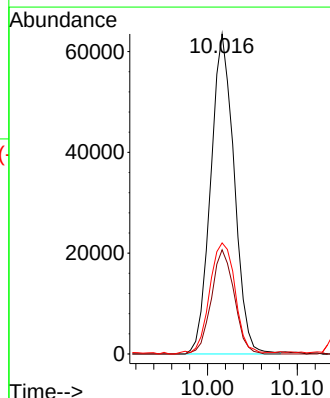
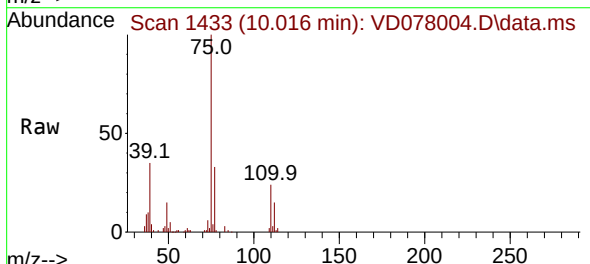
12/21/2023
Supervised By :Semsettin
Yesilyurt

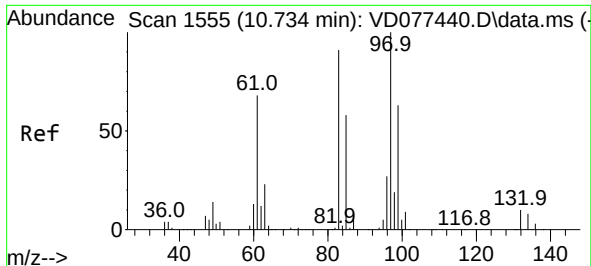
12/21/2023



#54
cis-1,3-Dichloropropene
Concen: 52.345 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

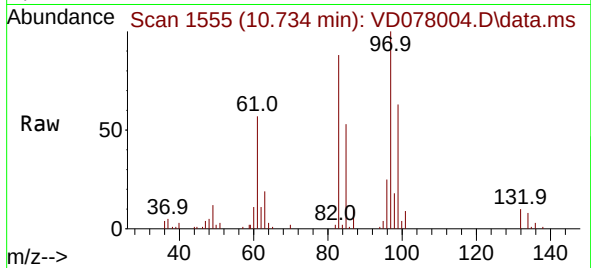
Tgt Ion: 75 Resp: 115195
Ion Ratio Lower Upper
75 100
77 32.5 25.5 38.3
39 34.3 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 56.906 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



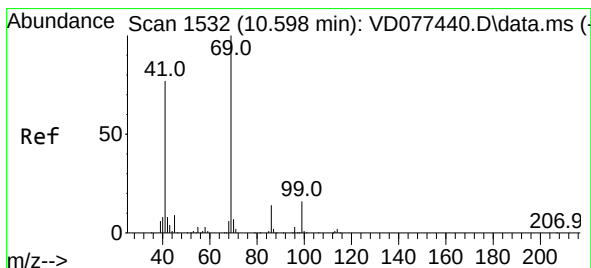
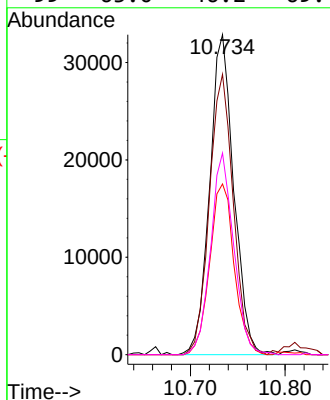
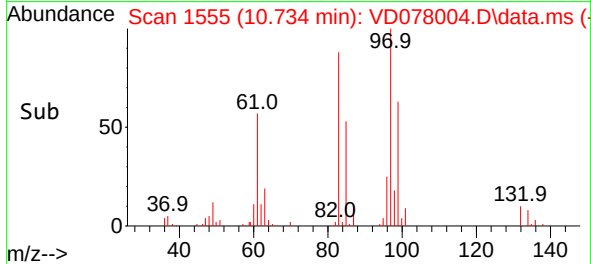
Tgt Ion:	97	Resp:	58208
Ion	Ratio	Lower	Upper
97	100		
83	87.6	65.8	98.6
85	53.4	45.7	68.5
99	63.0	46.2	69.4

Manual Integrations
APPROVED

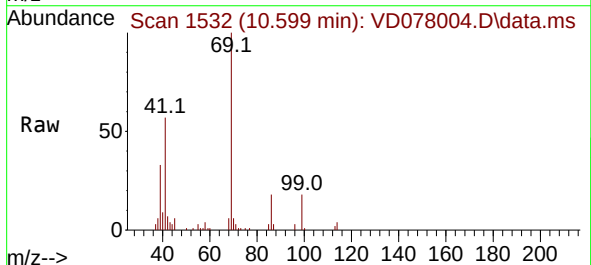
Reviewed By :Mahesh
Dadoda

12/21/2023
Supervised By :Semsettin
Yesilyurt

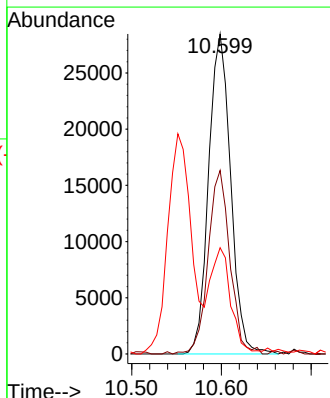
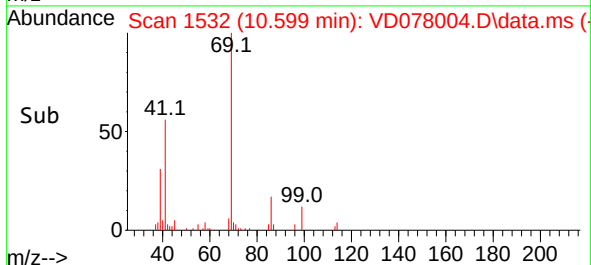
12/21/2023

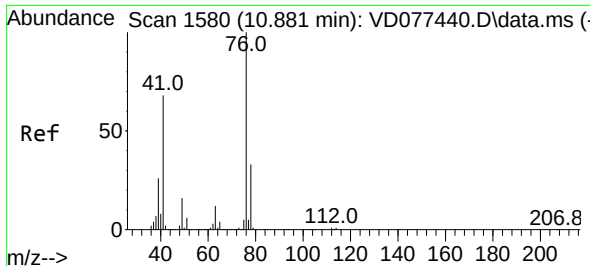


#56
Ethyl methacrylate
Concen: 53.841 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.001 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03



Tgt Ion:	69	Resp:	48548
Ion	Ratio	Lower	Upper
69	100		
41	56.7	39.1	58.7
39	29.3	20.0	30.0





#57

1,3-Dichloropropane

Concen: 53.830 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078004.D

Acq: 20 Dec 2023 19:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 9491

Ion Ratio Lower Upper

76 100

78 33.1 26.4 39.6

Manual Integrations

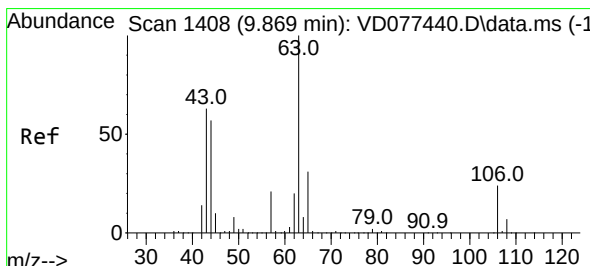
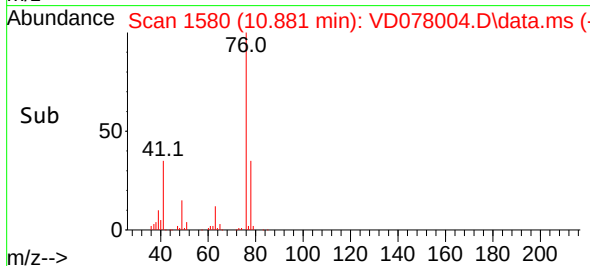
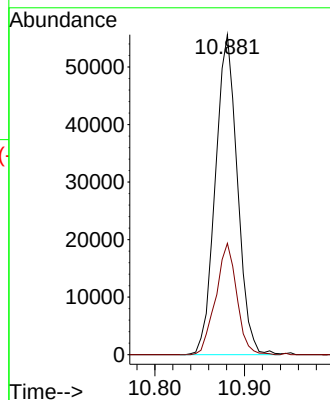
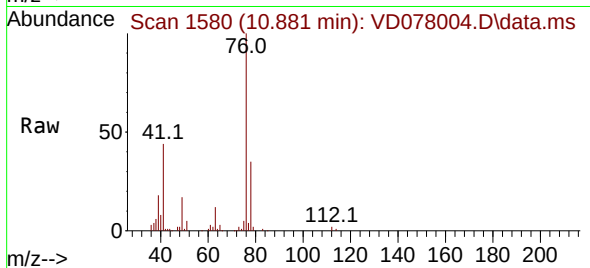
APPROVED

Reviewed By :Mahesh
Dadoda

12/21/2023

Supervised By :Semsettin
Yesilyurt

12/21/2023



#58

2-Chloroethyl Vinyl ether

Concen: 264.817 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078004.D

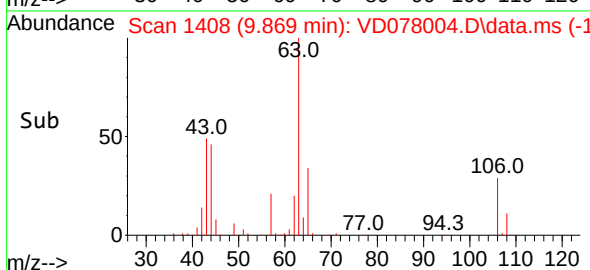
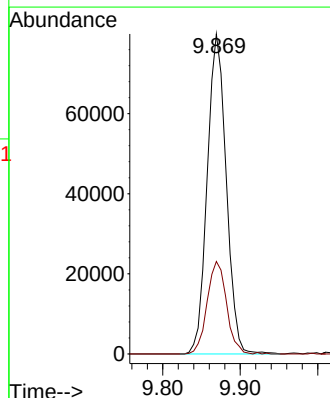
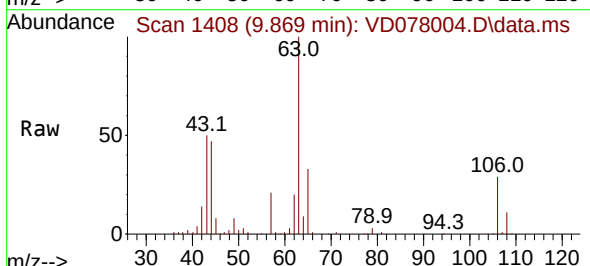
Acq: 20 Dec 2023 19:03

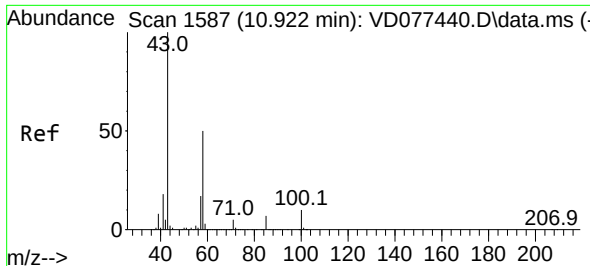
Tgt Ion: 63 Resp: 136174

Ion Ratio Lower Upper

63 100

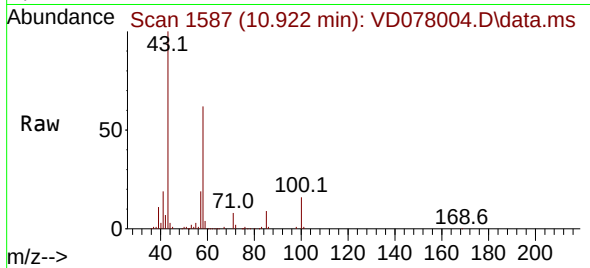
106 29.5 25.3 37.9





#59
2-Hexanone
Concen: 208.152 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



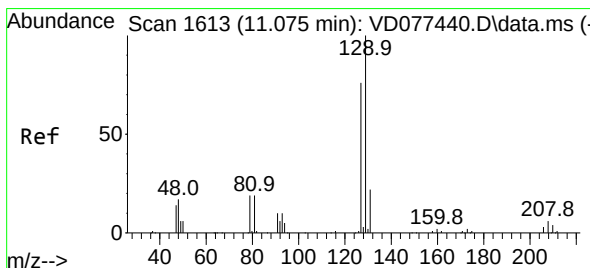
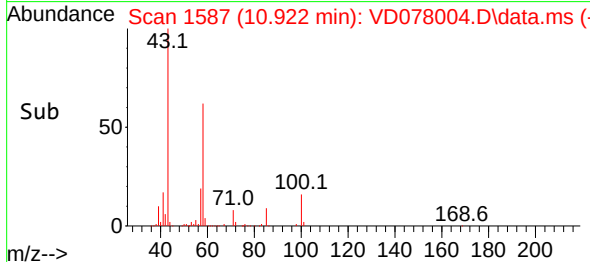
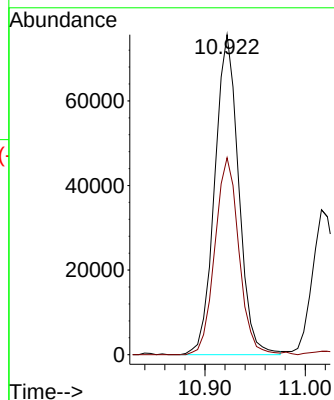
Tgt Ion: 43 Resp: 12513
Ion Ratio Lower Upper
43 100
58 61.9 34.1 102.2

Manual Integrations
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Reviewed By :Mahesh
Dadoda

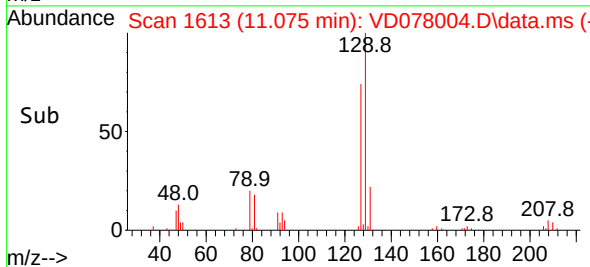
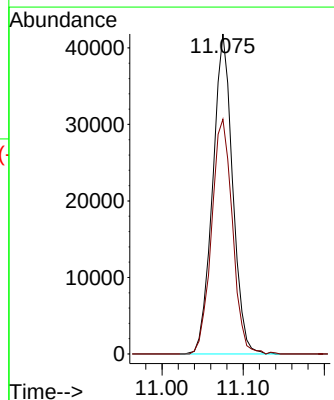
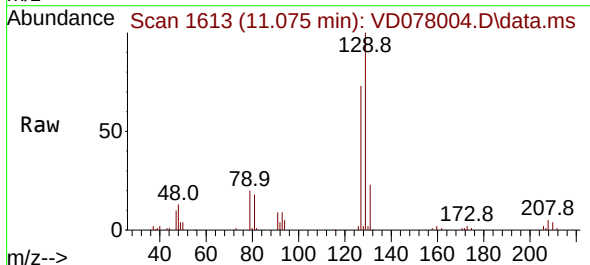
12/21/2023
Supervised By :Semsettin
Yesilyurt

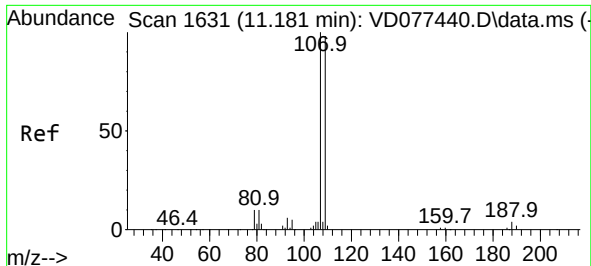
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#60
Dibromochloromethane
Concen: 57.953 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

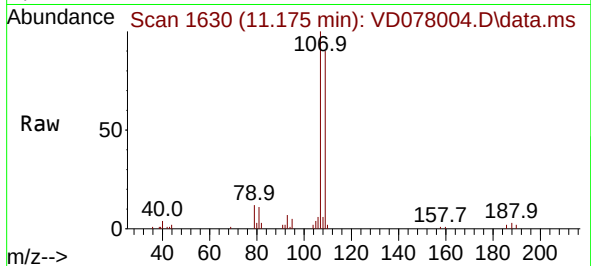
Tgt Ion:129 Resp: 71371
Ion Ratio Lower Upper
129 100
127 76.6 37.1 111.5





#61
1,2-Dibromoethane
Concen: 56.050 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



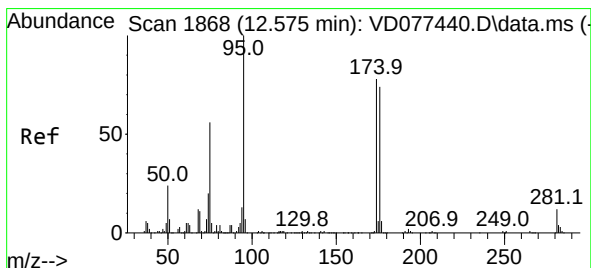
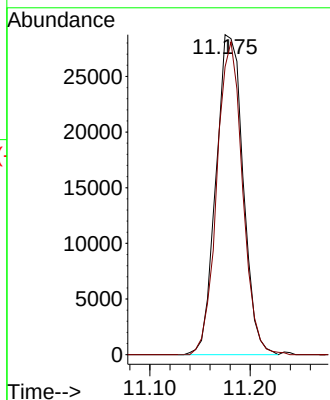
Tgt Ion:107 Resp: 5396
Ion Ratio Lower Upper
107 100
109 92.8 75.6 113.4

Manual Integrations
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Reviewed By :Mahesh
Dadoda

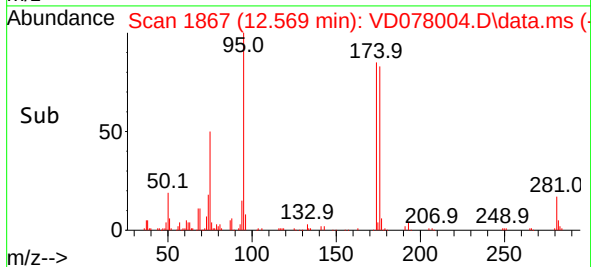
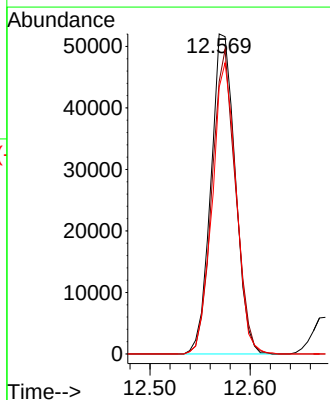
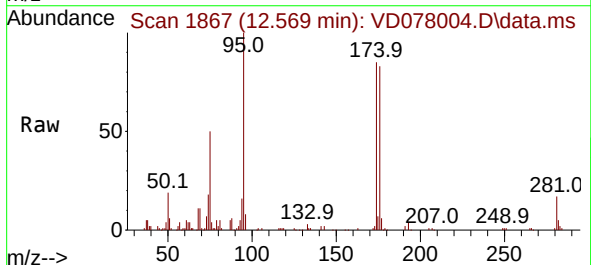
12/21/2023
Supervised By :Semsettin
Yesilyurt

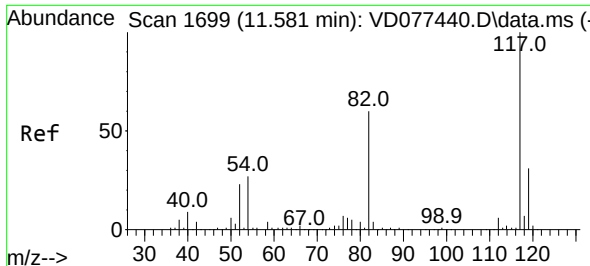
12/21/2023



#62
4-Bromofluorobenzene
Concen: 57.066 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

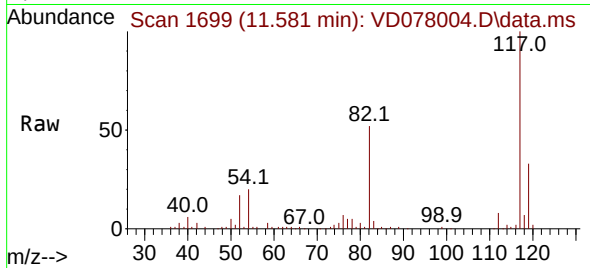
Tgt Ion: 95 Resp: 87507
Ion Ratio Lower Upper
95 100
174 91.7 0.0 201.8
176 89.2 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



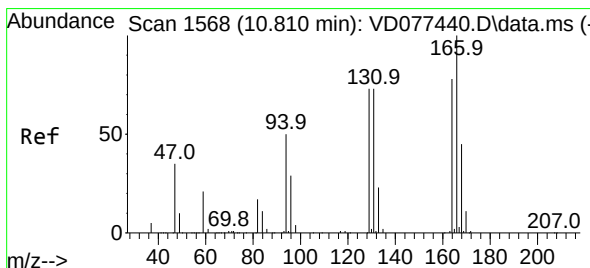
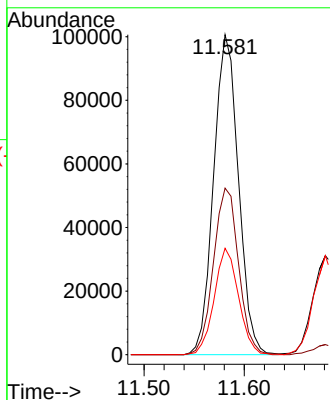
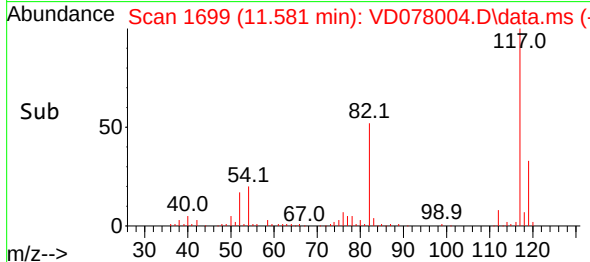
Tgt Ion:117 Resp: 172818
Ion Ratio Lower Upper
117 100
82 52.1 38.3 57.5
119 33.3 25.0 37.4

Manual Integrations
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Reviewed By :Mahesh
Dadoda

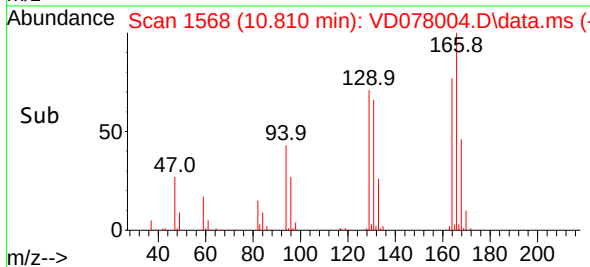
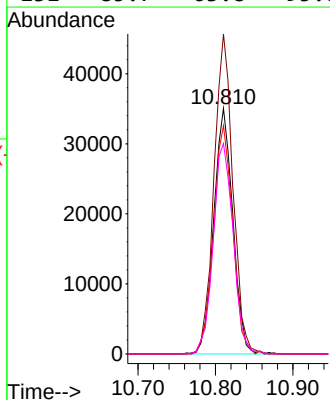
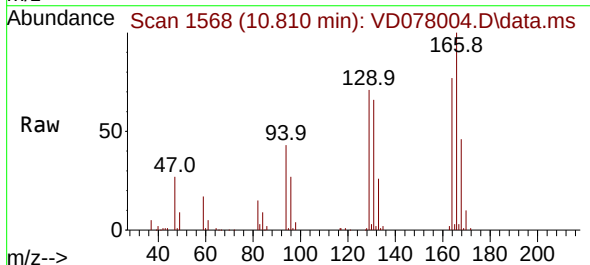
12/21/2023
Supervised By :Semsettin
Yesilyurt

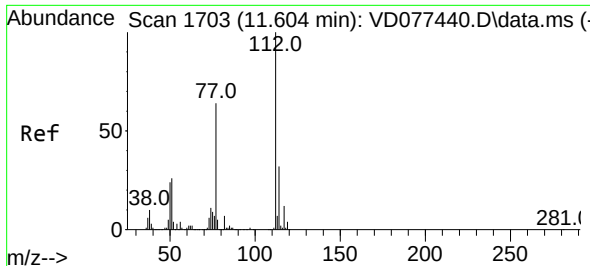
12/21/2023



#64
Tetrachloroethene
Concen: 47.556 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

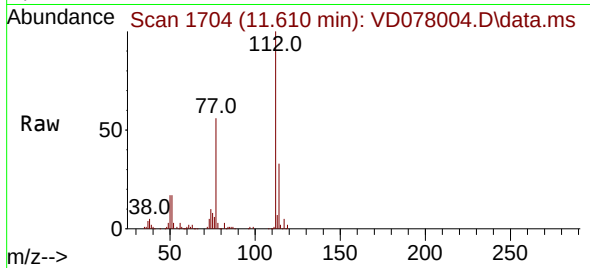
Tgt Ion:164 Resp: 60405
Ion Ratio Lower Upper
164 100
166 130.3 99.2 148.8
129 93.0 68.4 102.6
131 85.7 63.8 95.8





#65
Chlorobenzene
Concen: 48.939 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



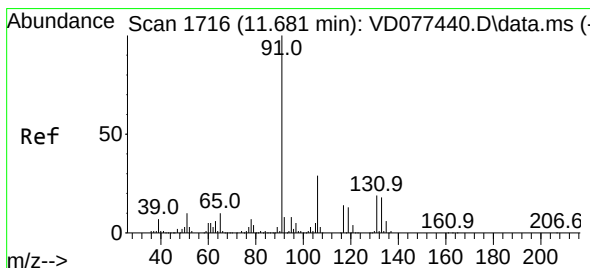
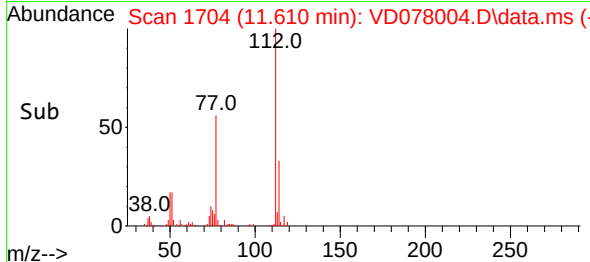
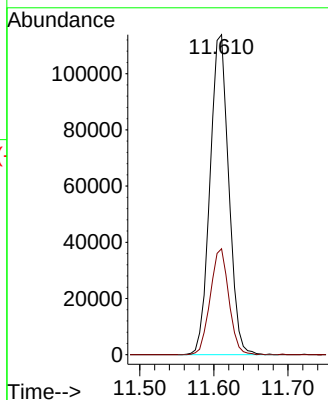
Tgt Ion:112 Resp: 19953
Ion Ratio Lower Upper
112 100
114 33.1 25.1 37.7

Manual Integrations
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Reviewed By :Mahesh
Dadoda

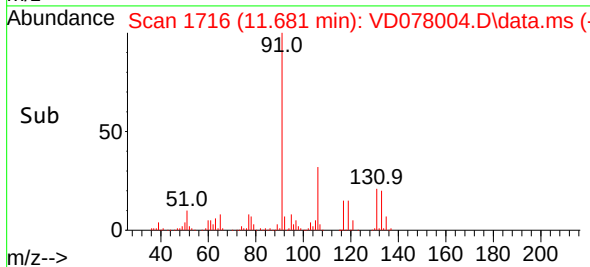
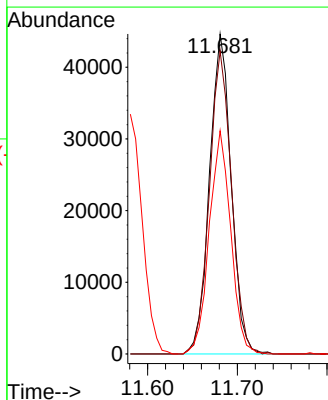
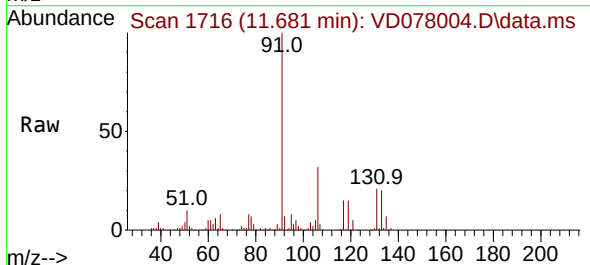
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Supervised By :Semsettin
Yesilyurt

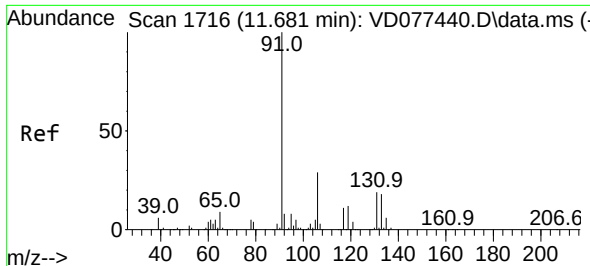
12/21/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 52.090 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Tgt Ion:131 Resp: 74859
Ion Ratio Lower Upper
131 100
133 96.7 48.5 145.5
119 69.1 35.6 106.9





#67

Ethyl Benzene

Concen: 50.549 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD078004.D

Acq: 20 Dec 2023 19:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 363700

Ion Ratio Lower Upper

91 100

106 30.8 26.5 39.7

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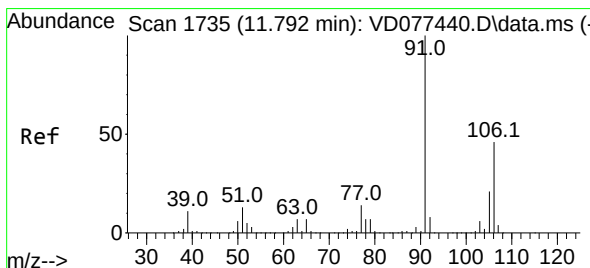
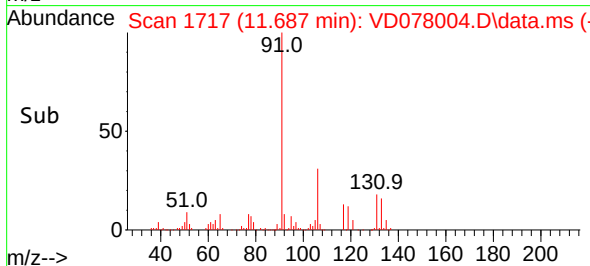
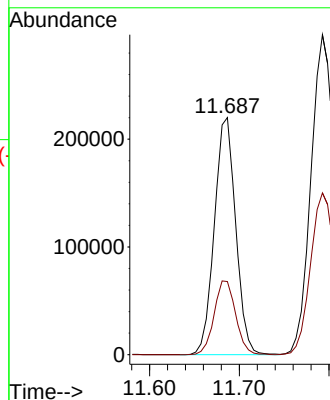
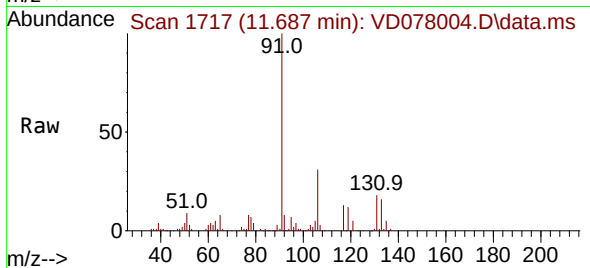
APPROVED

Reviewed By :Mahesh
Dadoda

12/21/2023

Supervised By :Semsettin
Yesilyurt

12/21/2023



#68

m/p-Xylenes

Concen: 104.467 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.001 min

Lab File: VD078004.D

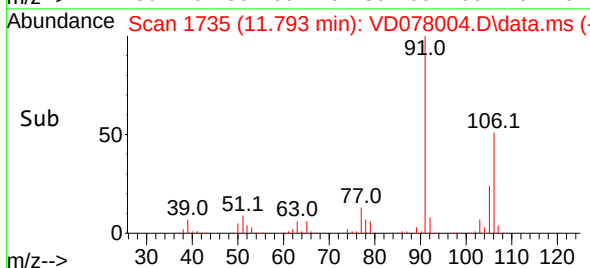
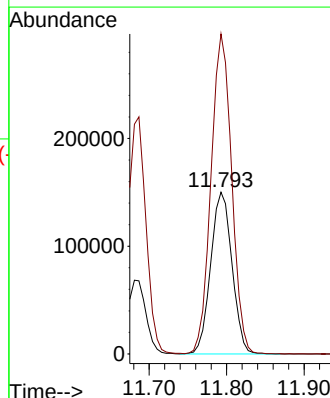
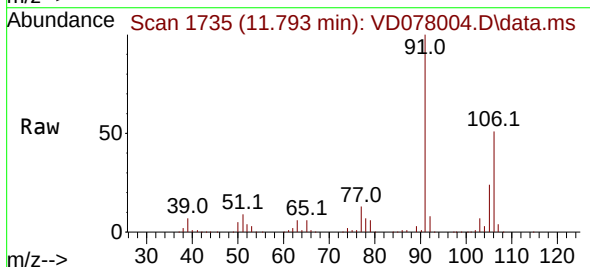
Acq: 20 Dec 2023 19:03

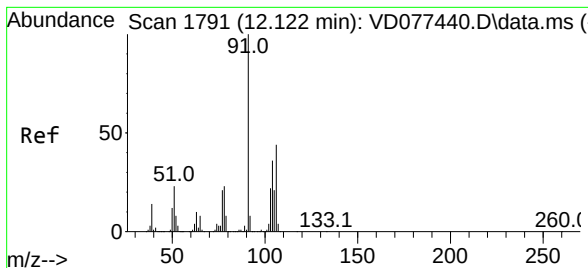
Tgt Ion:106 Resp: 287503

Ion Ratio Lower Upper

106 100

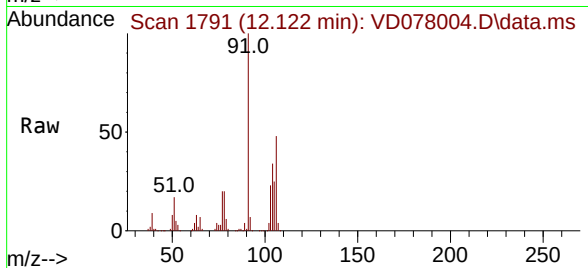
91 192.1 147.0 220.6





#69
o-Xylene
Concen: 52.673 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



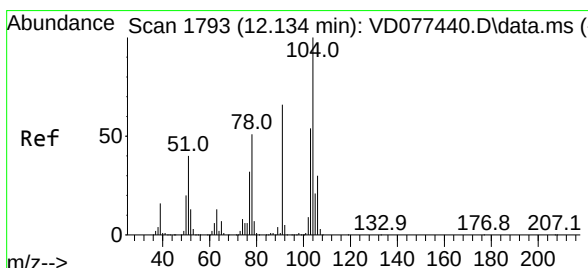
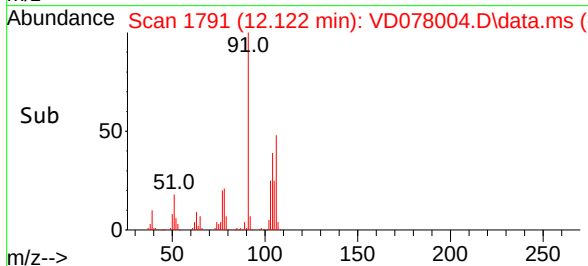
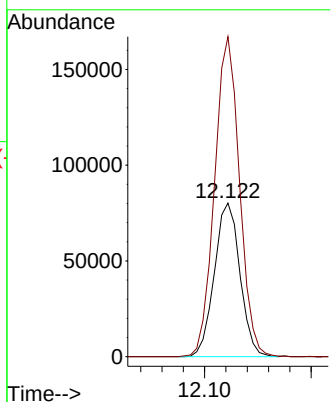
Tgt Ion:106 Resp: 133600
Ion Ratio Lower Upper
106 100
91 203.0 97.9 293.6

Manual Integrations
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Reviewed By :Mahesh
Dadoda

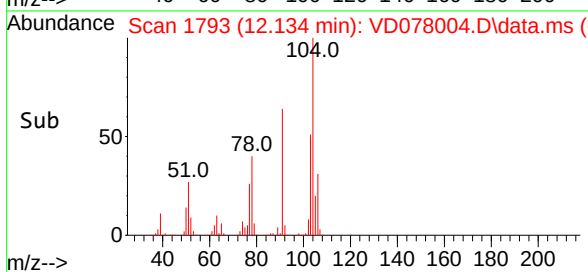
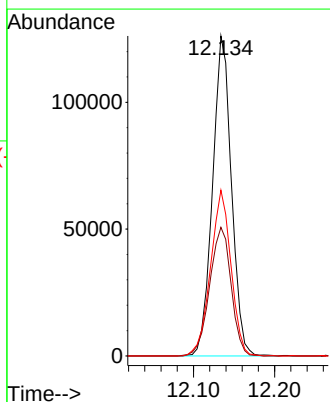
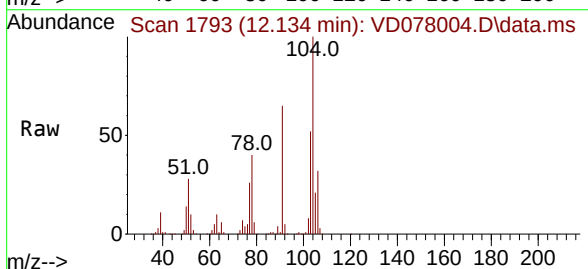
12/21/2023
Supervised By :Semsettin
Yesilyurt

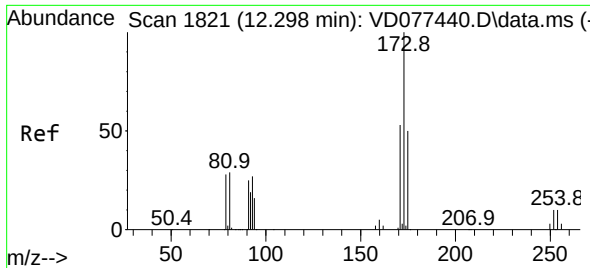
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#70
Styrene
Concen: 54.155 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

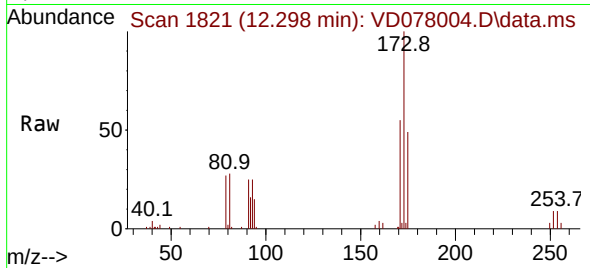
Tgt Ion:104 Resp: 204245
Ion Ratio Lower Upper
104 100
78 45.6 33.2 49.8
103 55.9 43.6 65.4





#71
Bromoform
Concen: 55.325 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



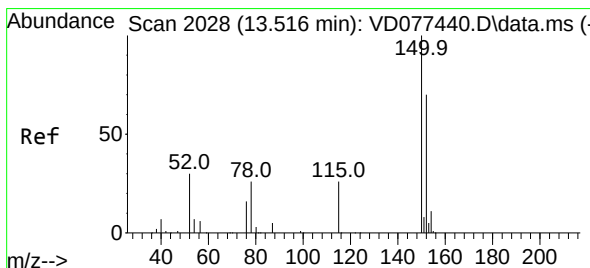
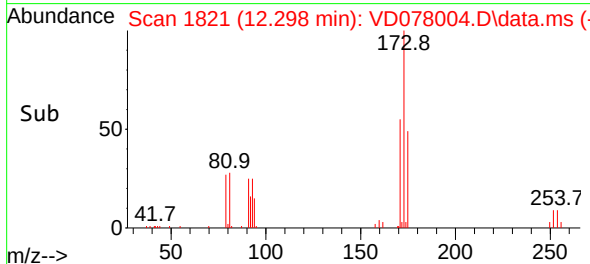
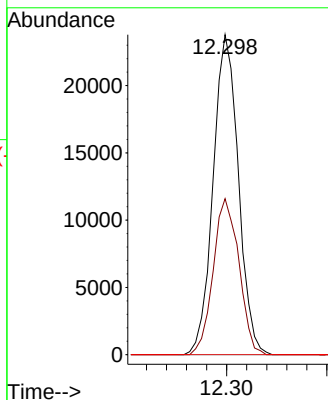
Tgt Ion:173 Resp: 4154
Ion Ratio Lower Upper
173 100
175 49.6 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
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Reviewed By :Mahesh
Dadoda

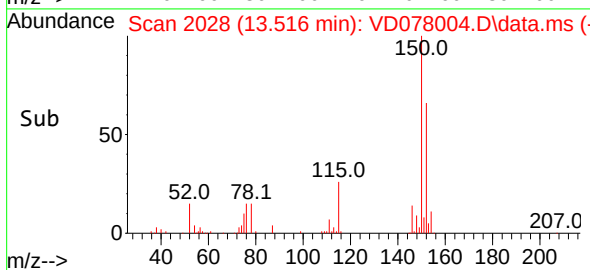
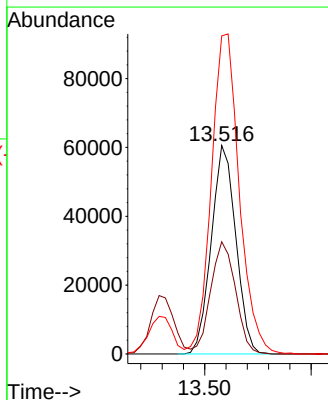
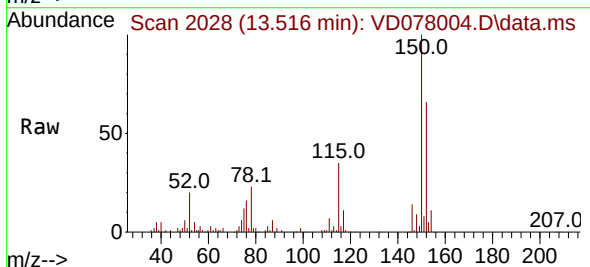
12/21/2023
Supervised By :Semsettin
Yesilyurt

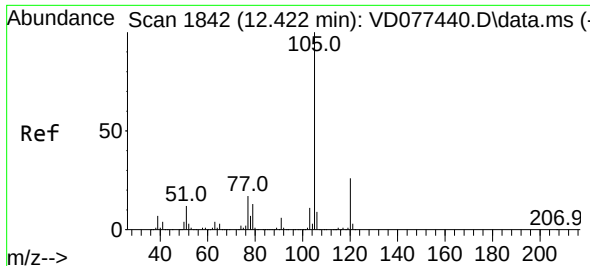
12/21/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

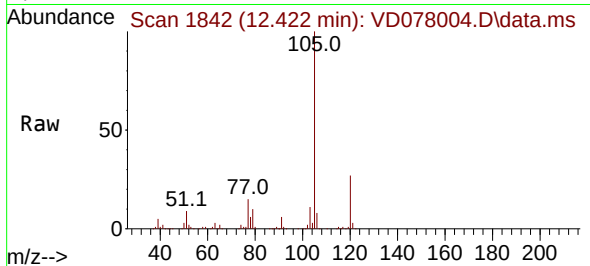
Tgt Ion:152 Resp: 96726
Ion Ratio Lower Upper
152 100
115 54.6 27.1 81.3
150 174.8 0.0 353.6





#73
Isopropylbenzene
Concen: 47.126 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



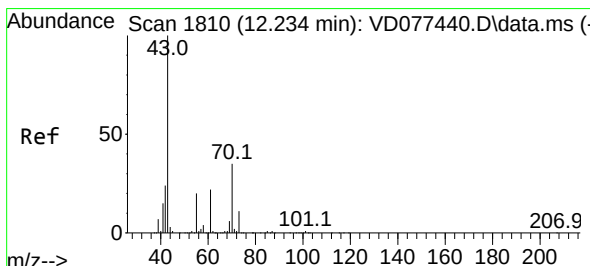
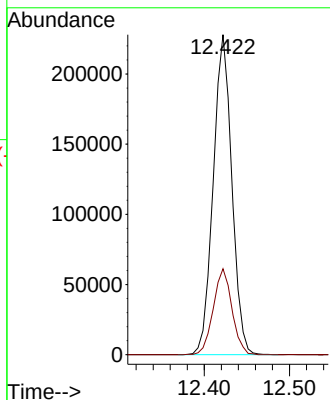
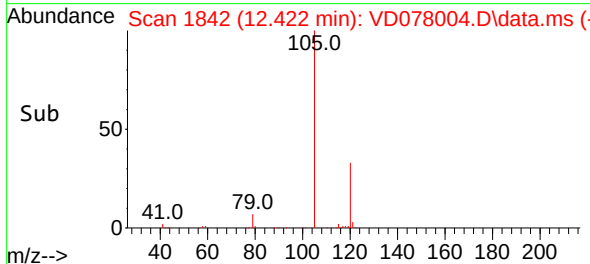
Tgt Ion:105 Resp: 34548
Ion Ratio Lower Upper
105 100
120 26.9 14.3 42.9

Manual Integrations
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Reviewed By :Mahesh
Dadoda

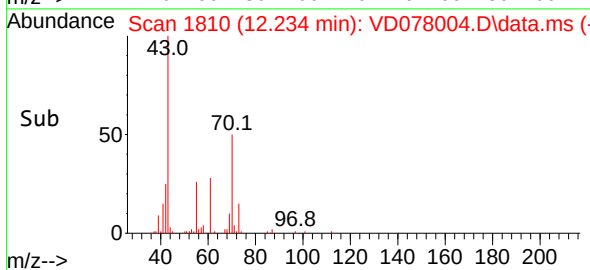
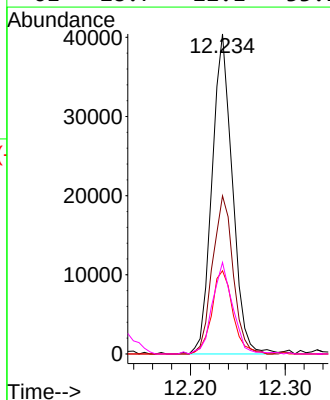
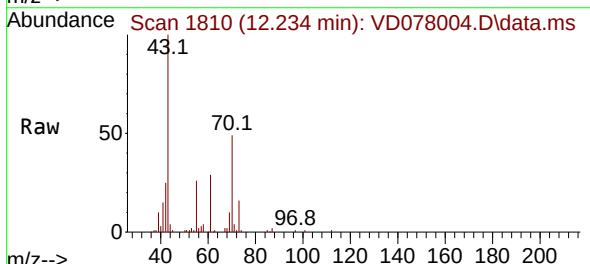
12/21/2023
Supervised By :Semsettin
Yesilyurt

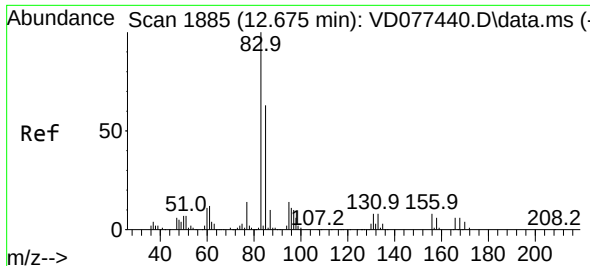
12/21/2023



#74
N-ethyl acetate
Concen: 42.001 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

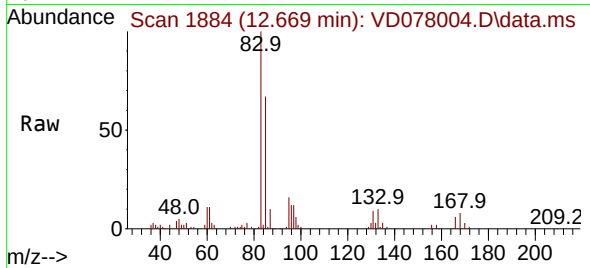
Tgt Ion: 43 Resp: 60526
Ion Ratio Lower Upper
43 100
70 50.1 45.0 67.4
55 26.7 23.8 35.6
61 28.7 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 50.625 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



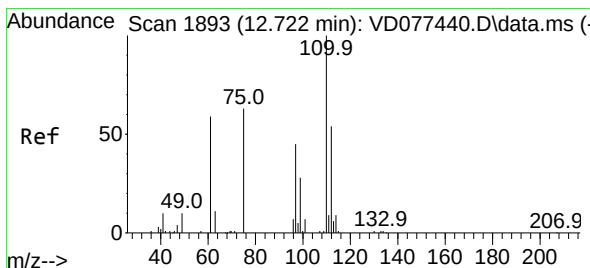
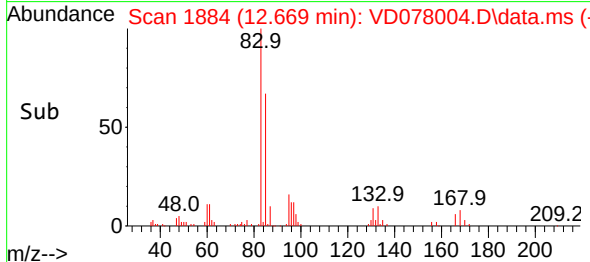
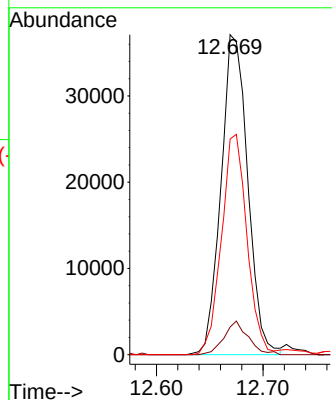
Tgt Ion: 83 Resp: 6471
Ion Ratio Lower Upper
83 100
131 9.5 5.1 15.3
85 65.6 32.6 97.8

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Reviewed By :Mahesh
Dadoda

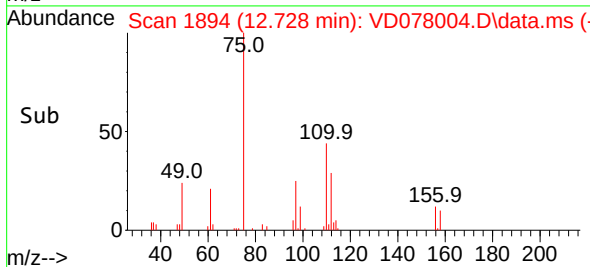
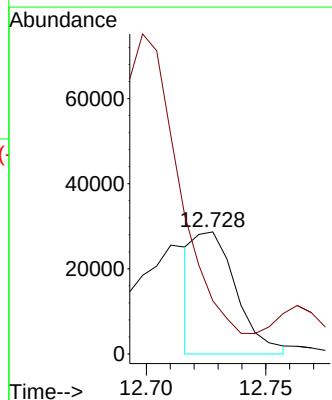
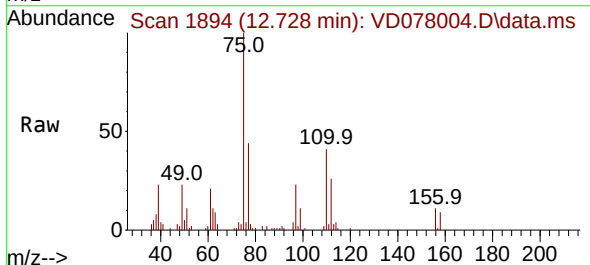
12/21/2023
Supervised By :Semsettin
Yesilyurt

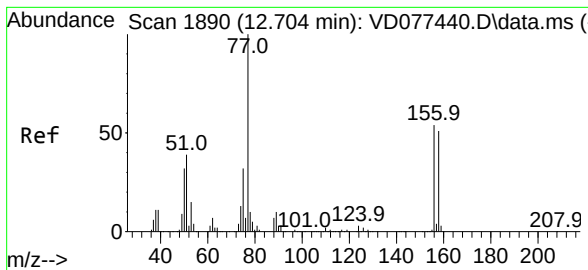
12/21/2023



#76
1,2,3-Trichloropropane
Concen: 42.030 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Tgt Ion: 75 Resp: 35308
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 48.135 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument : MSVOA_D
ClientSampleId : VSTDCCC050EC

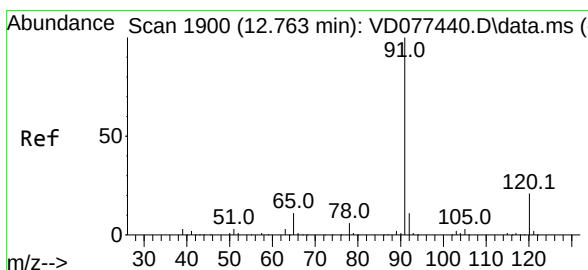
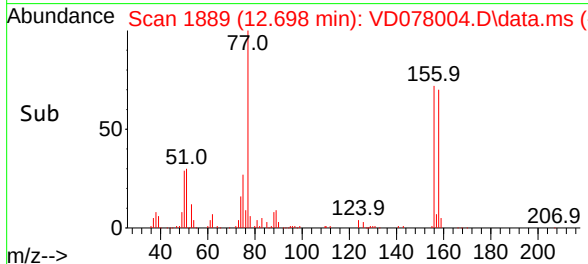
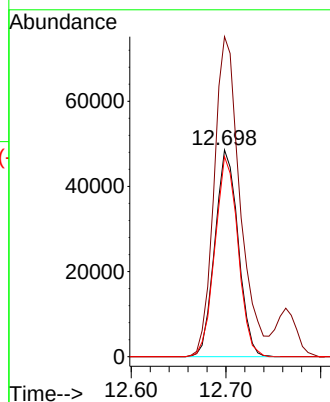
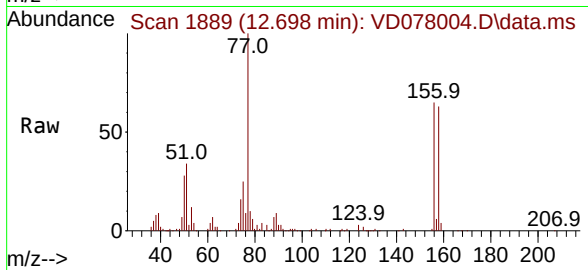
Tgt Ion:156 Resp: 83000
Ion Ratio Lower Upper
156 100
77 172.9 76.8 230.4
158 95.7 48.6 145.9

Manual Integrations
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Reviewed By :Mahesh
Dadoda

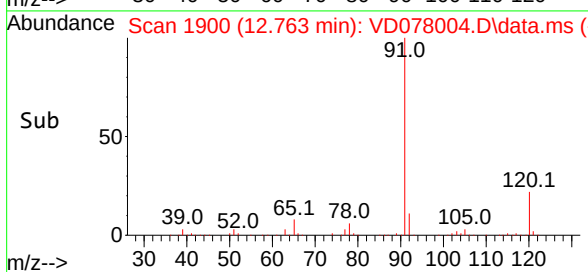
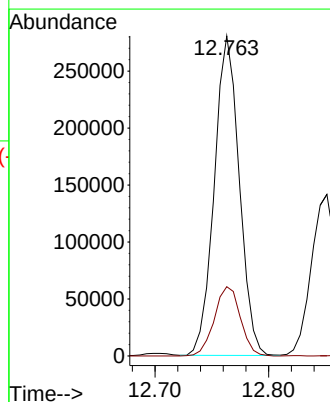
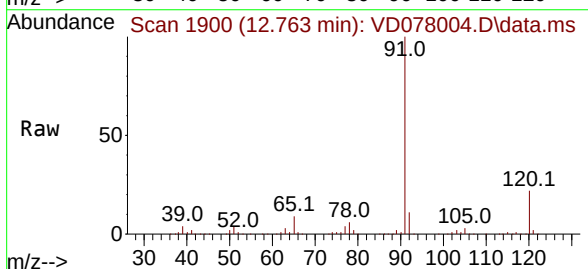
12/21/2023
Supervised By :Semsettin
Yesilyurt

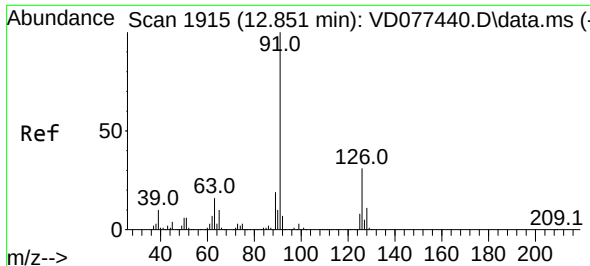
12/21/2023



#78
n-propylbenzene
Concen: 47.962 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Tgt Ion: 91 Resp: 428449
Ion Ratio Lower Upper
91 100
120 22.7 12.4 37.2





#79
2-Chlorotoluene
Concen: 47.610 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

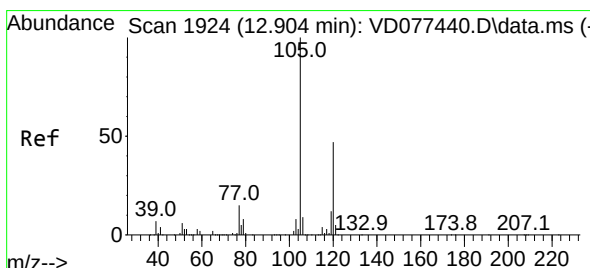
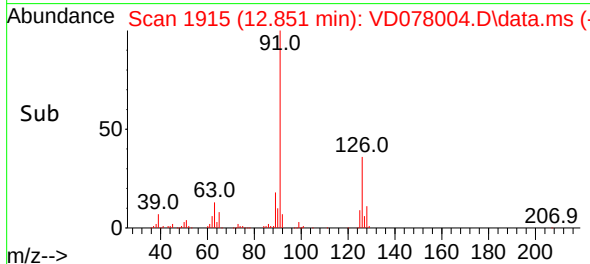
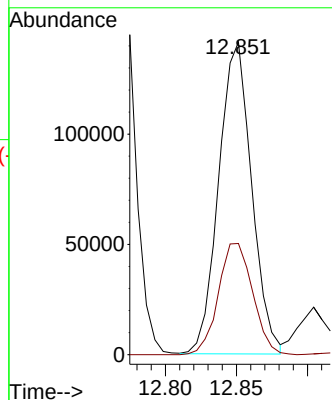
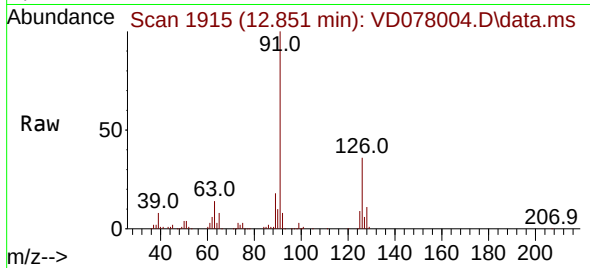
Tgt Ion: 91 Resp: 227922
Ion Ratio Lower Upper
91 100
126 37.3 19.4 58.1

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Reviewed By :Mahesh
Dadoda

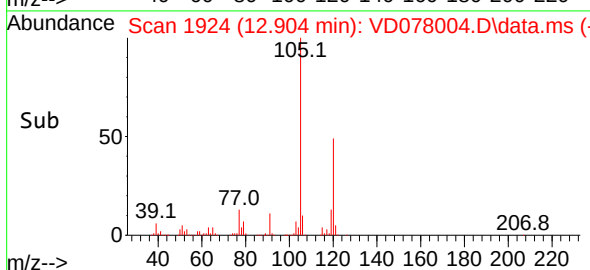
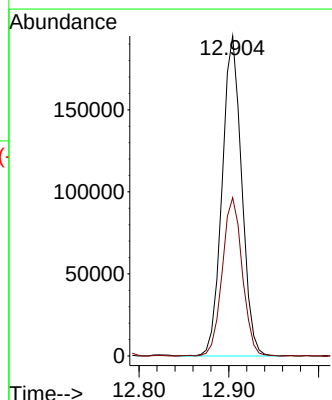
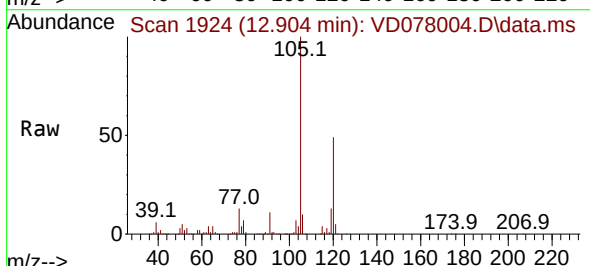
12/21/2023
Supervised By :Semsettin
Yesilyurt

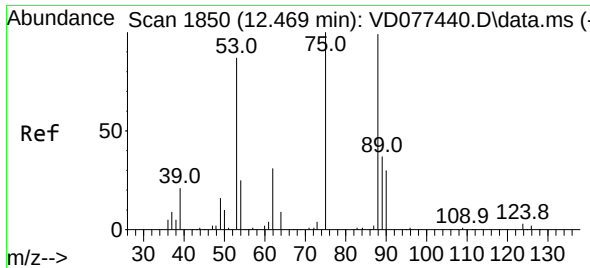
12/21/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.124 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Tgt Ion:105 Resp: 294246
Ion Ratio Lower Upper
105 100
120 50.6 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 48.752 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

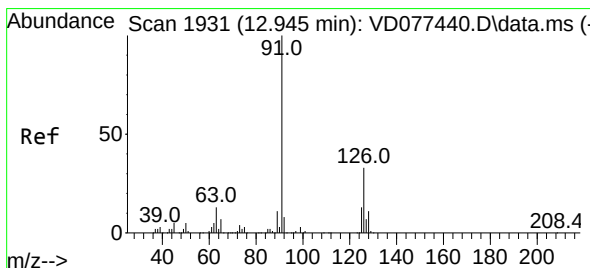
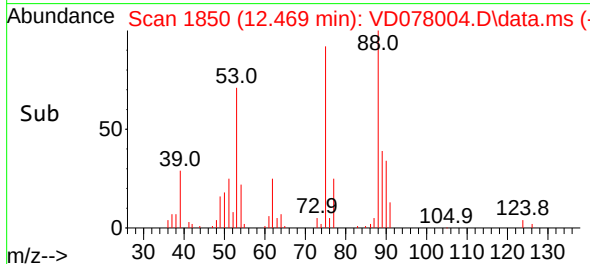
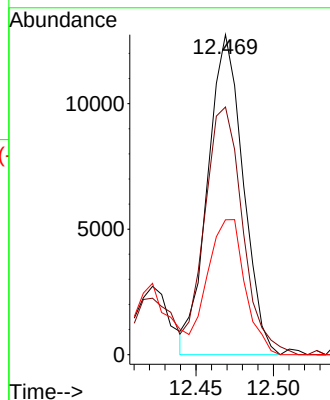
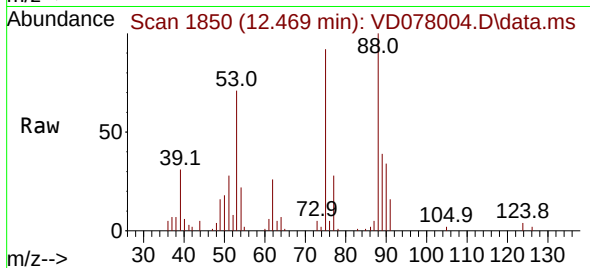
Tgt Ion: 75 Resp: 20214
Ion Ratio Lower Upper
75 100
53 83.1 63.0 94.4
89 44.4 37.9 56.9

Manual Integrations
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Reviewed By :Mahesh
Dadoda

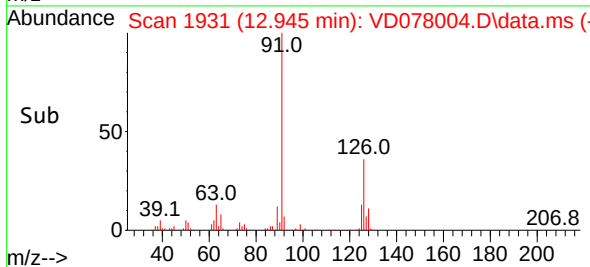
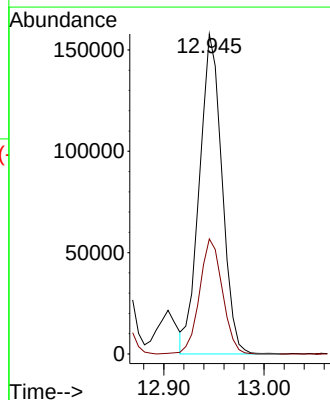
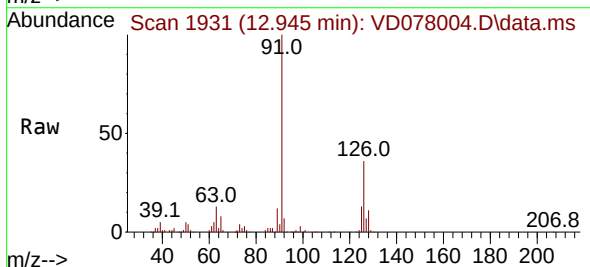
12/21/2023
Supervised By :Semsettin
Yesilyurt

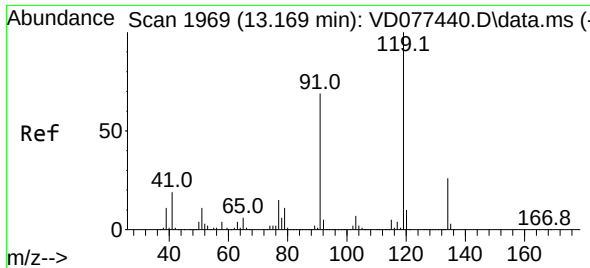
12/21/2023



#82
4-Chlorotoluene
Concen: 49.431 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Tgt Ion: 91 Resp: 247391
Ion Ratio Lower Upper
91 100
126 36.4 19.4 58.4





#83
tert-Butylbenzene
Concen: 49.533 ug/l
RT: 13.163 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

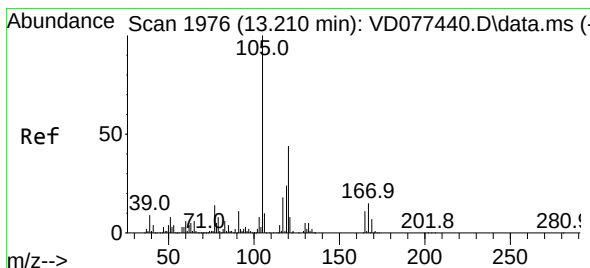
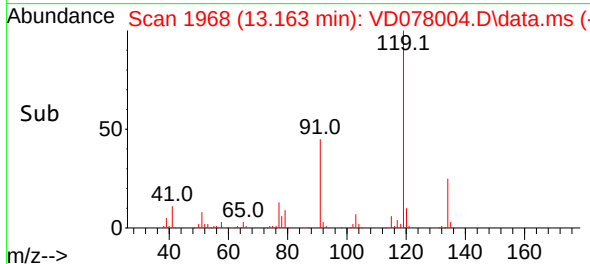
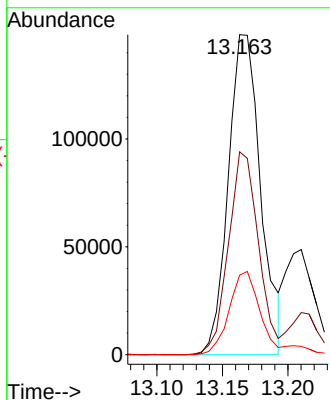
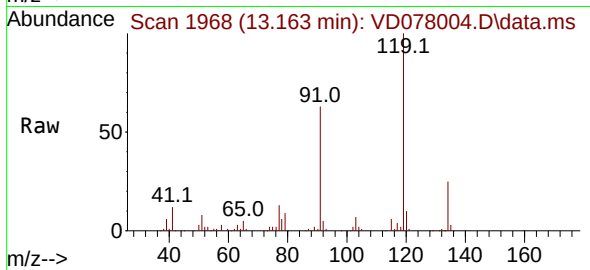
Tgt Ion:119 Resp: 25568
Ion Ratio Lower Upper
119 100
91 58.8 29.3 87.8
134 24.8 14.1 42.3

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Reviewed By :Mahesh
Dadoda

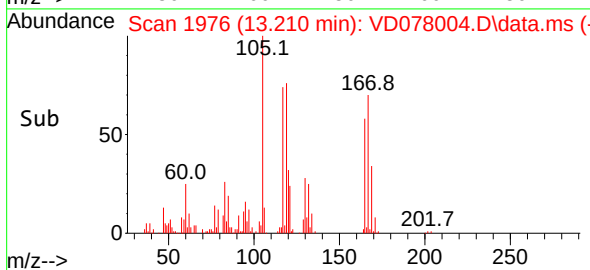
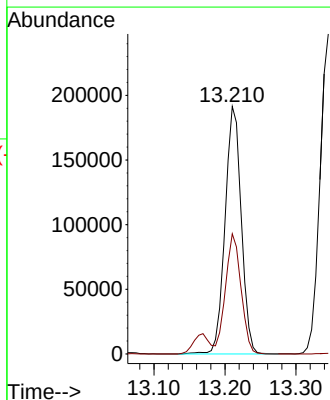
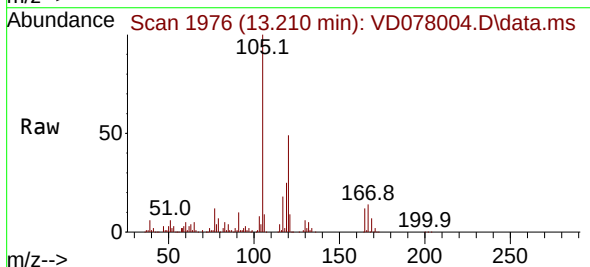
12/21/2023
Supervised By :Semsettin
Yesilyurt

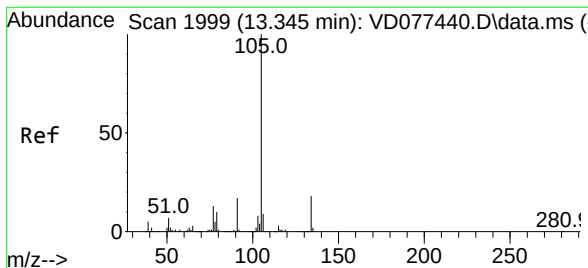
12/21/2023



#84
1,2,4-Trimethylbenzene
Concen: 49.560 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

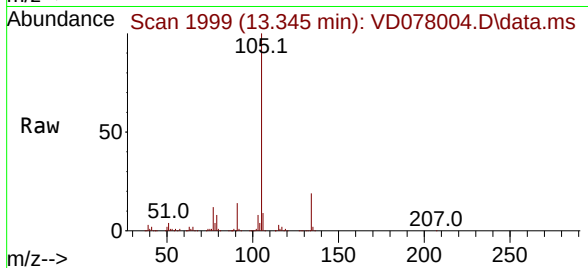
Tgt Ion:105 Resp: 303082
Ion Ratio Lower Upper
105 100
120 46.3 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 49.316 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078004.D
 Acq: 20 Dec 2023 19:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



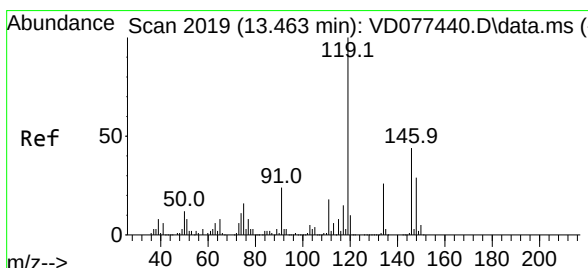
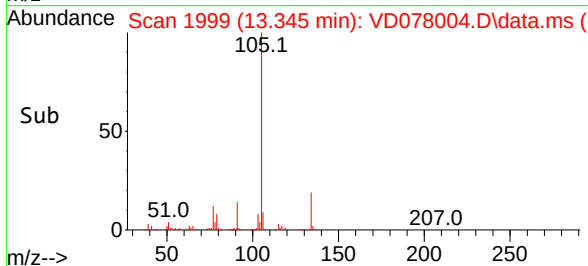
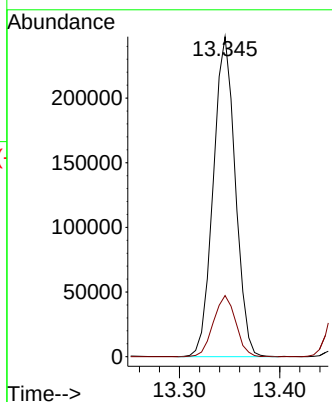
Tgt Ion:105 Resp: 376284
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.9 32.9

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 Dadoda

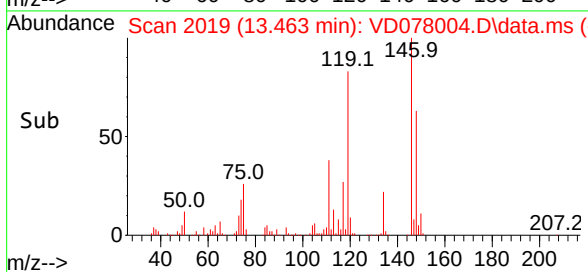
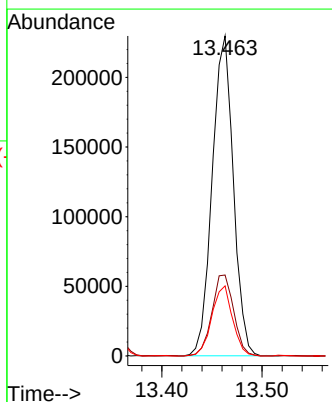
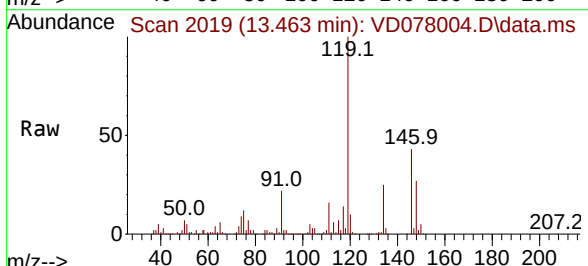
12/21/2023
 Supervised By :Semsettin
 Yesilyurt

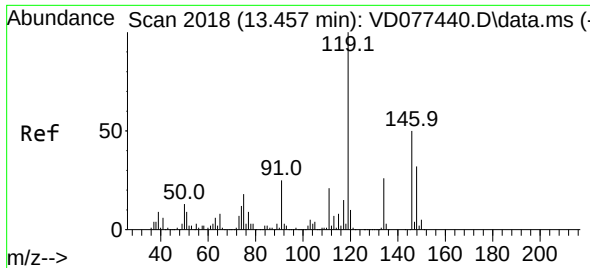
12/21/2023



#86
 p-Isopropyltoluene
 Concen: 49.158 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD078004.D
 Acq: 20 Dec 2023 19:03

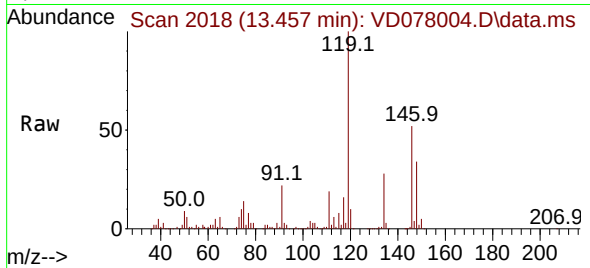
Tgt Ion:119 Resp: 335817
 Ion Ratio Lower Upper
 119 100
 134 26.1 14.2 42.6
 91 21.6 10.5 31.5





#87
1,3-Dichlorobenzene
Concen: 49.234 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



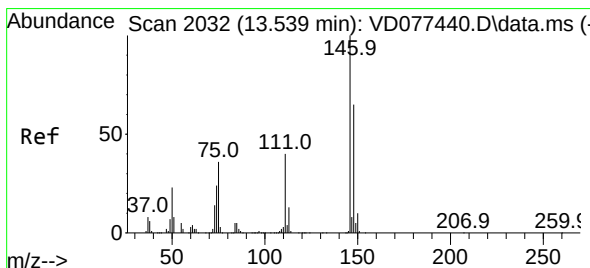
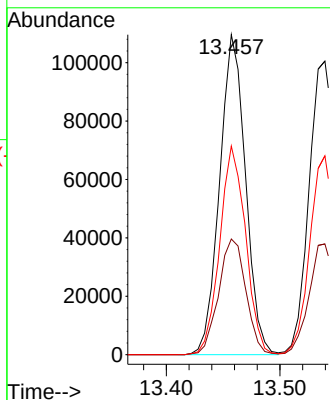
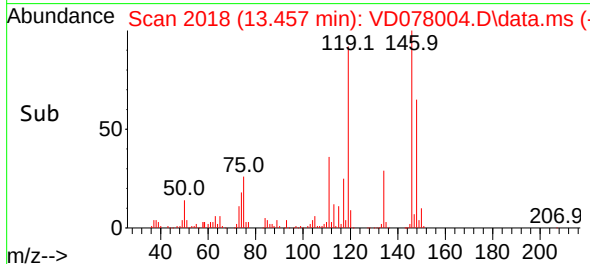
Tgt Ion:146 Resp: 17361
Ion Ratio Lower Upper
146 100
111 38.1 17.9 53.8
148 65.1 32.3 96.8

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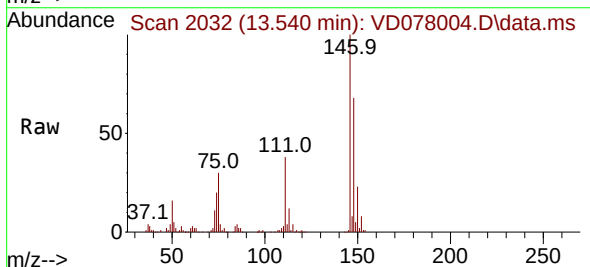
Reviewed By :Mahesh
Dadoda

12/21/2023
Supervised By :Semsettin
Yesilyurt

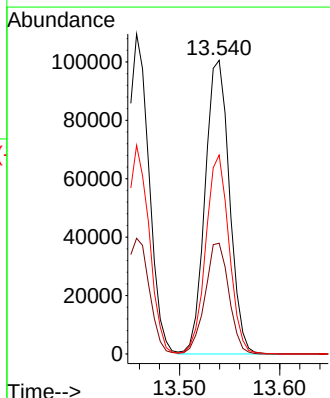
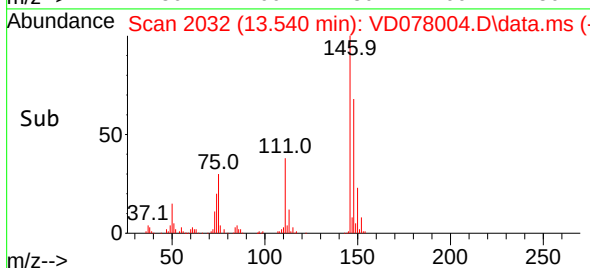
12/21/2023

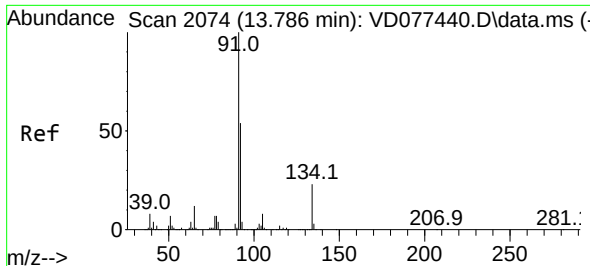


#88
1,4-Dichlorobenzene
Concen: 48.266 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.001 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03



Tgt Ion:146 Resp: 170077
Ion Ratio Lower Upper
146 100
111 36.9 17.4 52.3
148 64.9 31.7 95.1





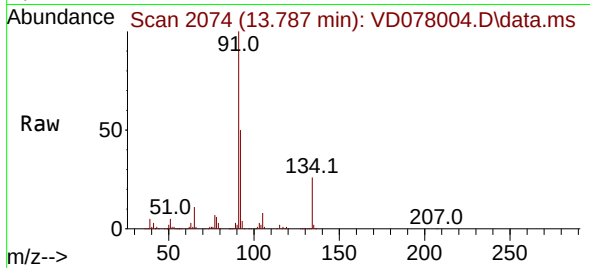
#89
n-Butylbenzene
Concen: 47.890 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.001 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 91 Resp: 307838
Ion Ratio Lower Upper
91 100
92 51.1 26.5 79.5
134 26.1 13.8 41.3

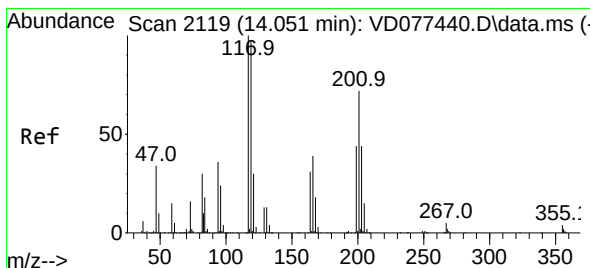
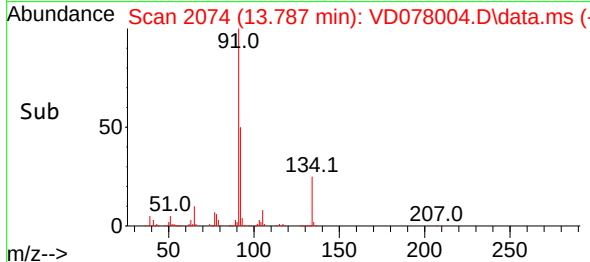
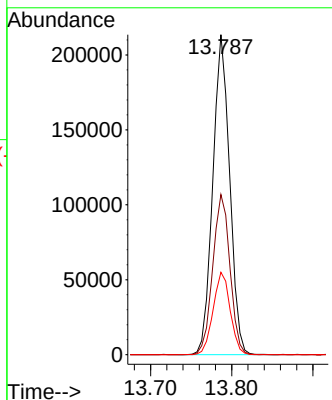
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Dadoda

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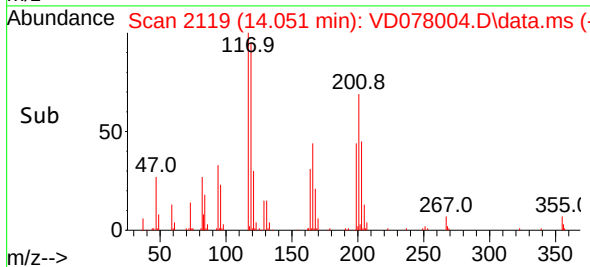
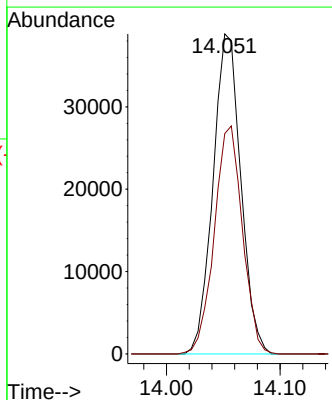
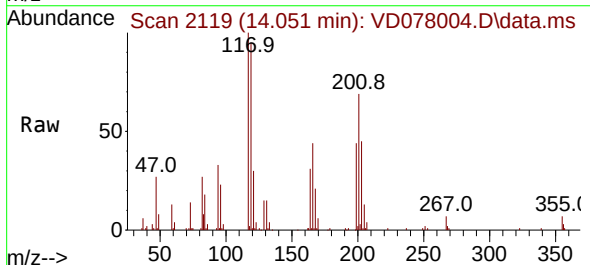
Supervised By :Semsettin
Yesilyurt

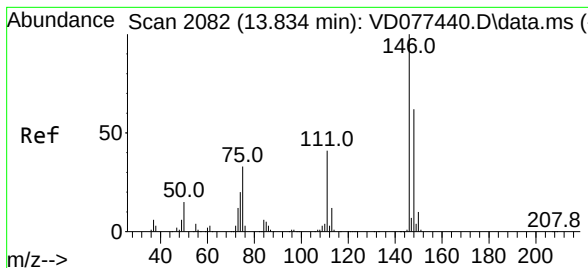
12/21/2023



#90
Hexachloroethane
Concen: 52.641 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

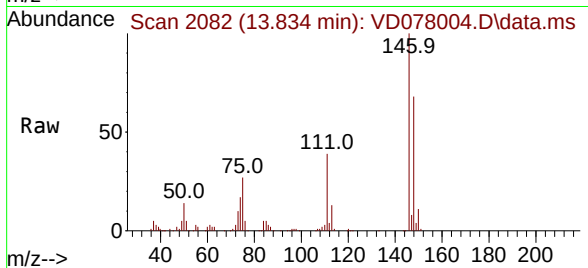
Tgt Ion:117 Resp: 66135
Ion Ratio Lower Upper
117 100
201 72.1 38.5 115.5





#91
1,2-Dichlorobenzene
Concen: 49.700 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



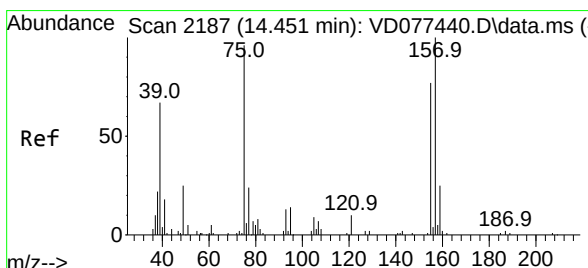
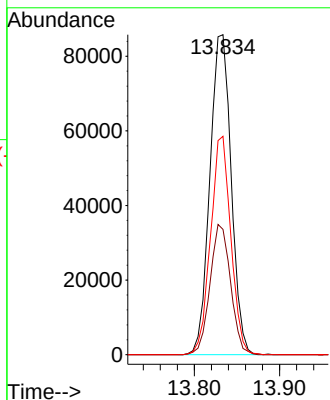
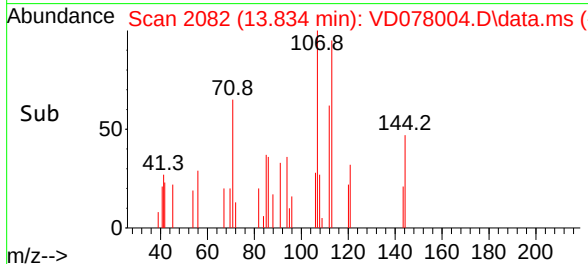
Tgt Ion:146 Resp: 149050
Ion Ratio Lower Upper
146 100
111 39.3 18.3 54.8
148 65.1 31.6 94.7

Manual Integrations
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Reviewed By :Mahesh
Dadoda

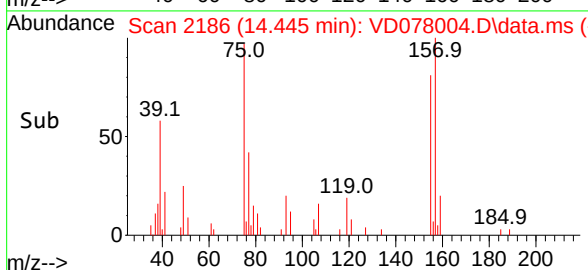
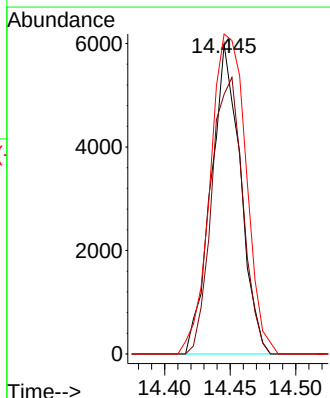
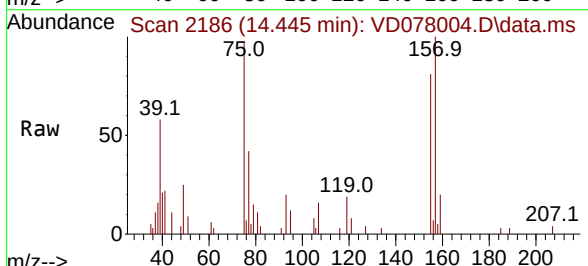
12/21/2023
Supervised By :Semsettin
Yesilyurt

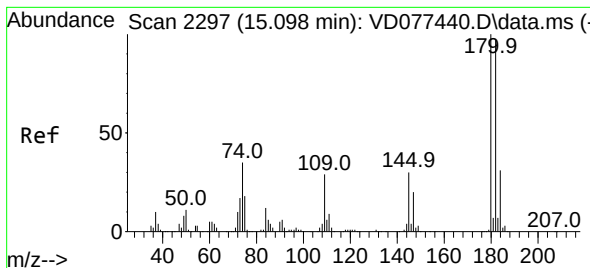
12/21/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.594 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

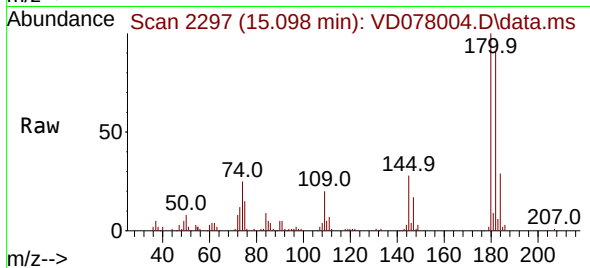
Tgt Ion: 75 Resp: 9366
Ion Ratio Lower Upper
75 100
155 93.8 47.9 143.8
157 125.3 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 43.927 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



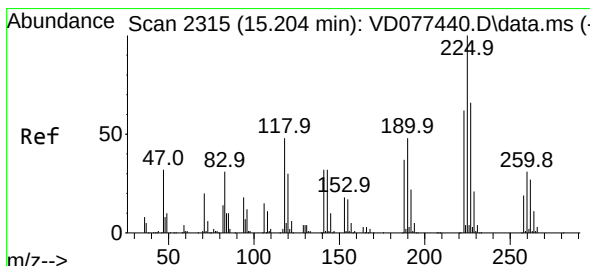
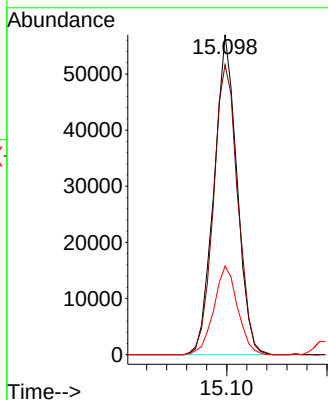
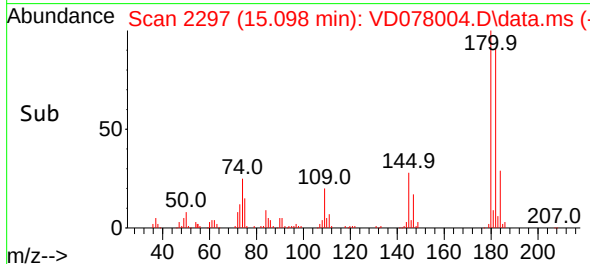
Tgt Ion:180 Resp: 89984
Ion Ratio Lower Upper
180 100
182 96.2 48.5 145.6
145 28.7 14.2 42.6

Manual Integrations
APPROVED

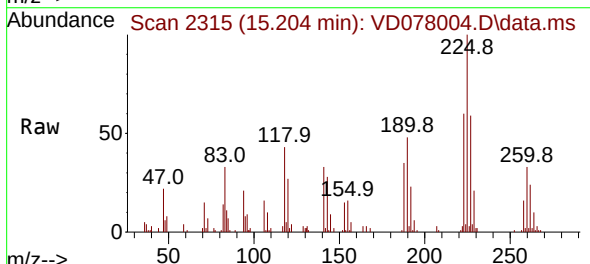
Reviewed By :Mahesh
Dadoda

12/21/2023
Supervised By :Semsettin
Yesilyurt

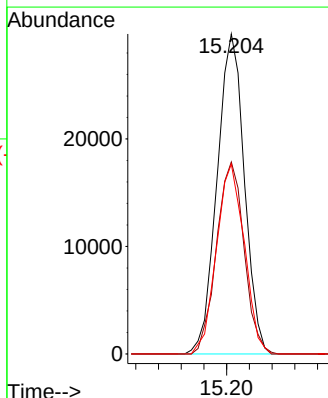
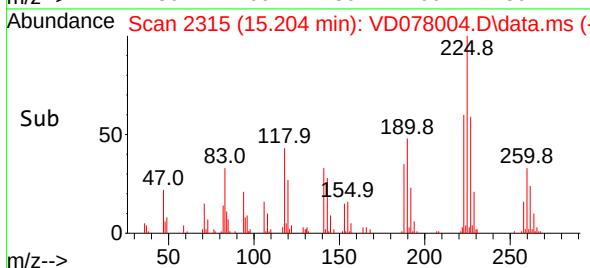
12/21/2023

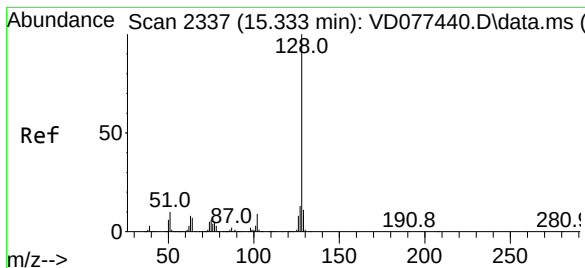


#94
Hexachlorobutadiene
Concen: 44.904 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03



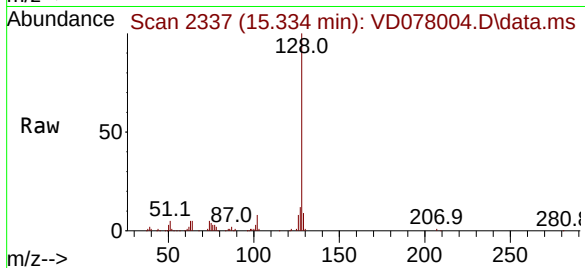
Tgt Ion:225 Resp: 49603
Ion Ratio Lower Upper
225 100
223 60.7 31.6 94.8
227 60.4 31.7 95.1





#95
Naphthalene
Concen: 50.413 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.001 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



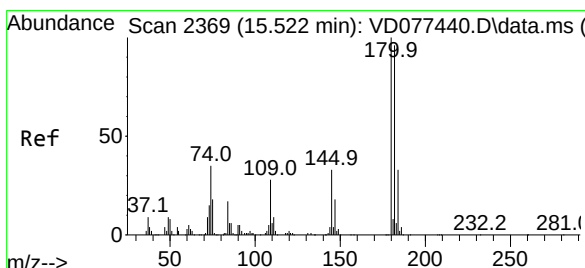
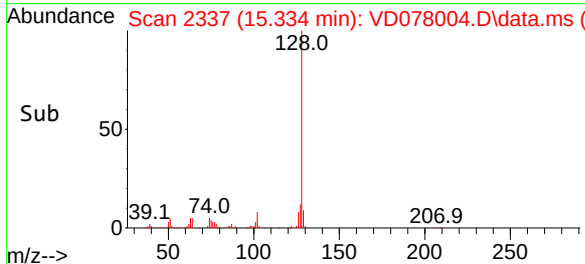
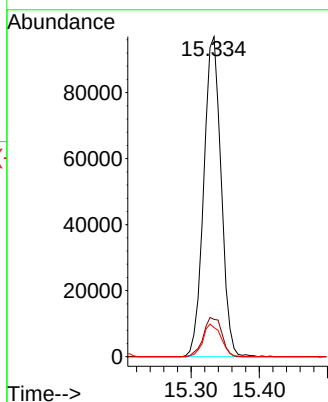
Tgt Ion:128 Resp: 171584
Ion Ratio Lower Upper
128 100
127 11.6 10.5 15.7
129 9.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

12/21/2023
Supervised By :Semsettin
Yesilyurt

12/21/2023



#96
1,2,3-Trichlorobenzene
Concen: 47.708 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Tgt Ion:180 Resp: 80570
Ion Ratio Lower Upper
180 100
182 93.1 47.3 141.9
145 30.4 15.1 45.3

