

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072223\
 Data File : VU054846.D
 Acq On : 21 Jul 2023 18:57
 Operator : MD/SY
 Sample : VSTDIC015
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/31/2023
 Supervised By : Mahesh Dadoda 07/31/2023

Quant Time: Jul 24 09:36:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072123DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Jul 24 08:47:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.113	96	27004	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	7979	0.978	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	10152	1.075	ug/l	0.00
Spiked Amount 1.000			Recovery	=	108.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	83489	15.538	ug/l	99
3) Chloromethane	1.518	50	91155	14.608	ug/l	98
4) Vinyl Chloride	1.602	62	126596	15.804	ug/l	97
5) Bromomethane	1.856	94	91865	16.159	ug/l	99
6) Chloroethane	1.930	64	123875	16.365	ug/l	100
7) Trichlorofluoromethane	2.132	101	328512	16.921	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	88151	15.848	ug/l	98
9) 1,1-Dichloroethene	2.573	96	74148	15.961	ug/l	97
10) Iodomethane	2.714	142	118112	15.784	ug/l	98
11) Allyl Chloride	2.920	41	87378	16.034	ug/l	98
12) Acrylonitrile	3.322	53	36930	33.185	ug/l	95
13) Acetone	2.650	43	62010	63.249	ug/l	96
14) Carbon Disulfide	2.788	76	125670	16.047	ug/l	100
15) Methylene Chloride	3.039	84	99846	15.086	ug/l	99
16) trans-1,2-Dichloroethene	3.348	96	80966	15.684	ug/l	97
17) 1,1-Dichloroethane	3.862	63	176807	16.185	ug/l	96
18) 2-Butanone	4.708	43	110849	79.769	ug/l	100
19) Cyclohexane	5.383	56	98068	13.731	ug/l	88
20) Methylcyclohexane	6.759	83	138057	16.435	ug/l	99
21) 2,2-Dichloropropane	4.660	77	148193	15.553	ug/l	98
22) cis-1,2-Dichloroethene	4.663	96	107189	16.399	ug/l	99
23) Diethyl Ether	2.374	59	108578	15.212	ug/l	97
24) tert-Butyl Alcohol	3.245	59	90685m	136.356	ug/l	
25) Methyl tert-Butyl Ether	3.361	73	235749	16.631	ug/l	99
26) Bromochloromethane	4.968	128	43700	17.538	ug/l	99
27) Chloroform	5.084	83	192774	16.059	ug/l	96
28) 1,1,1-Trichloroethane	5.312	97	164847	16.341	ug/l	99
29) 1,1-Dichloropropene	5.521	75	120408	16.781	ug/l	97
30) Carbon Tetrachloride	5.521	117	139167	16.599	ug/l	98
31) Isopropyl Ether	3.988	45	267913	16.572	ug/l	99
32) Ethyl-t-butyl ether	4.499	59	269119	16.201	ug/l	98
33) Tert-Amyl methyl ether	5.936	73	254316	16.267	ug/l	99
34) Propionitrile	4.795	54	38029	83.415	ug/l #	94
35) Benzene	5.769	78	382562	16.407	ug/l	98
36) 1,2-Dichloroethane	5.788	62	110739	16.532	ug/l	99
37) Trichloroethene	6.537	130	100362	15.927	ug/l	93
38) 1,2-Dichloropropane	6.785	63	108882	16.176	ug/l	100
39) Methacrylonitrile	4.972	41	27075	16.304	ug/l	96
40) Methyl acrylate	4.846	55	41526	14.684	ug/l #	92
41) Tetrahydrofuran	5.055	42	27699	28.636	ug/l	92
42) 1-Chlorobutane	5.454	56	158125	16.291	ug/l	100
43) Dibromomethane	6.914	93	53728	17.158	ug/l	97
44) Bromodichloromethane	7.100	83	142852	16.652	ug/l #	99

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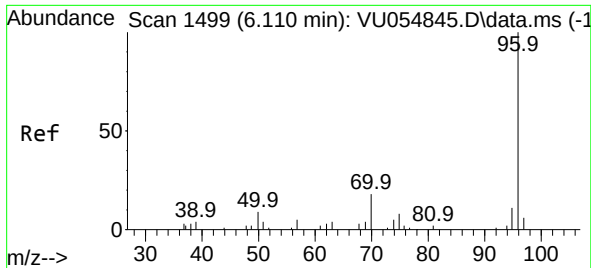
Manual Integrations
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	312390	84.299	ug/l	99
46) t-1,4-Dichloro-2-butene	10.833	75	54503m	34.983	ug/l	
47) Methyl methacrylate	6.955	69	98116	33.356	ug/l	96
48) Ethyl methacrylate	8.328	69	101417	16.971	ug/l	99
49) Toluene	7.965	92	250935	16.866	ug/l	98
50) t-1,3-Dichloropropene	8.206	75	132579	17.435	ug/l	98
51) cis-1,3-Dichloropropene	7.602	75	160183	17.324	ug/l	99
52) 1,1,2-Trichloroethane	8.396	97	78934	16.708	ug/l	93
53) 1,3-Dichloropropane	8.570	76	133331	16.746	ug/l	96
54) 2-Hexanone	8.682	43	216609	83.841	ug/l	99
55) Dibromochloromethane	8.804	129	96415	17.081	ug/l	97
56) 1,2-Dibromoethane	8.920	107	70312	17.016	ug/l	100
58) Tetrachloroethene	8.550	164	89899	16.371	ug/l	98
59) Chlorobenzene	9.441	112	298675	16.841	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.531	131	106819	17.062	ug/l	96
61) Pentachloroethane	11.425	117	88459	17.947	ug/l	97
62) Hexachloroethane	12.470	117	93502	18.469	ug/l	97
63) Ethyl Benzene	9.566	91	513281	16.978	ug/l	99
64) m/p-Xylenes	9.688	106	389433	34.070	ug/l	98
65) o-Xylene	10.097	106	196640	17.079	ug/l	97
66) Styrene	10.110	104	325044	17.572	ug/l	99
67) Bromoform	10.287	173	54231	17.830	ug/l	99
69) Isopropylbenzene	10.479	105	528000	16.902	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.778	83	102949	17.476	ug/l	98
71) 1,2,3-Trichloropropane	10.823	75	73086m	18.055	ug/l	
72) Bromobenzene	10.778	156	119769	16.619	ug/l	99
73) n-propylbenzene	10.901	120	144473	17.214	ug/l	96
74) 2-Chlorotoluene	10.981	126	122707	16.790	ug/l	99
75) 1,3,5-Trimethylbenzene	11.084	105	442105	17.373	ug/l	99
76) 4-Chlorotoluene	11.094	126	128909	17.158	ug/l	97
77) tert-Butylbenzene	11.415	119	454444	17.340	ug/l	99
78) 1,2,4-Trimethylbenzene	11.463	105	453753	17.731	ug/l	99
79) sec-Butylbenzene	11.640	105	593849	17.463	ug/l	100
80) Nitrobenzene	13.203	77	17183	78.237	ug/l #	94
81) p-Isopropyltoluene	11.788	119	496032	17.908	ug/l	99
82) 1,3-Dichlorobenzene	11.740	146	249622	17.303	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	245018	16.933	ug/l	100
84) n-Butylbenzene	12.206	91	484621	19.016	ug/l	99
85) 1,2-Dichlorobenzene	12.206	146	237625	17.294	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.991	75	15763	15.058	ug/l	95
87) 1,2,4-Trichlorobenzene	13.836	180	161912	18.379	ug/l	97
88) Hexachlorobutadiene	14.016	225	81318	17.280	ug/l	97
89) Naphthalene	14.081	128	263314	18.481	ug/l	99
90) 1,2,3-Trichlorobenzene	14.325	180	142303	18.691	ug/l	99

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

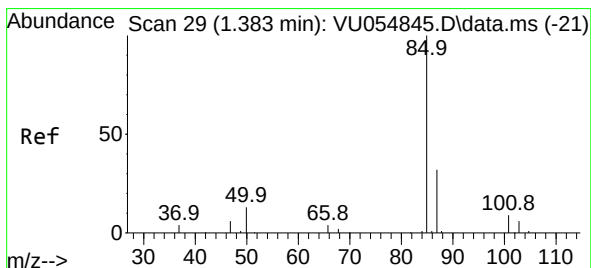
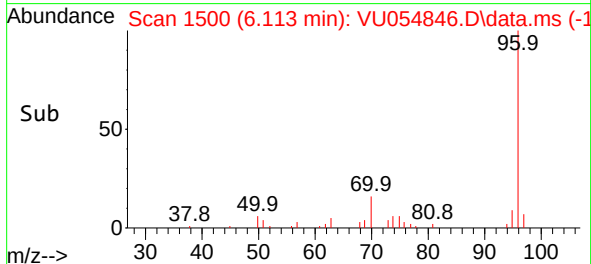
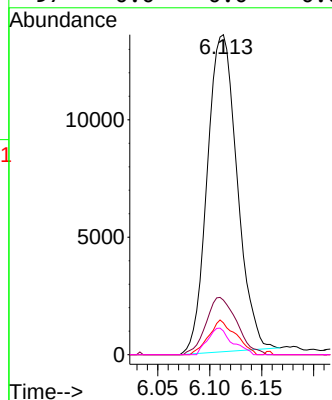
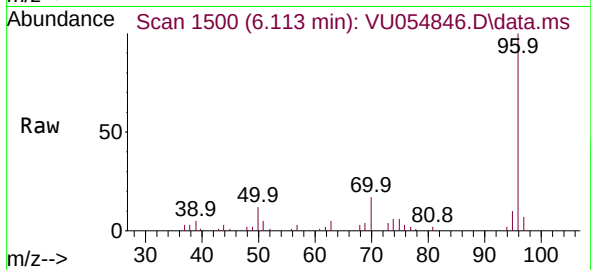
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

Tgt Ion: 96 Resp: 27004

Ion	Ratio	Lower	Upper
96	100		
70	18.5	14.0	21.0
95	9.9	8.7	13.1
97	0.0	0.0	0.0

Manual Integrations
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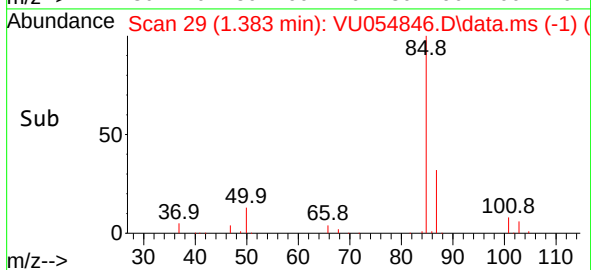
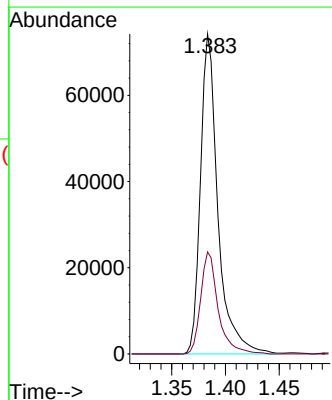
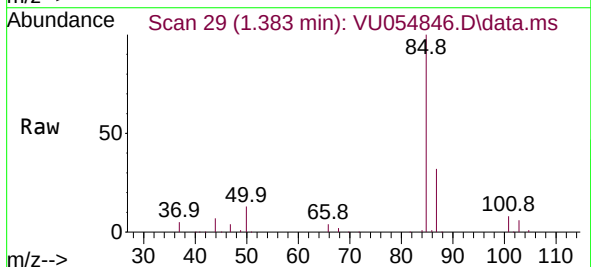
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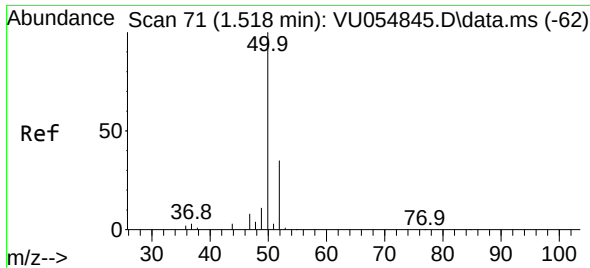


#2
Dichlorodifluoromethane
Concen: 15.538 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

Tgt Ion: 85 Resp: 83489

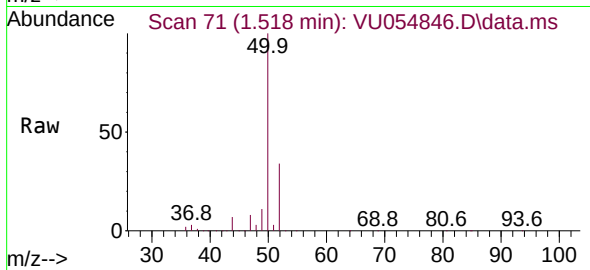
Ion	Ratio	Lower	Upper
85	100		
87	31.9	16.2	48.6





#3
Chloromethane
Concen: 14.608 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

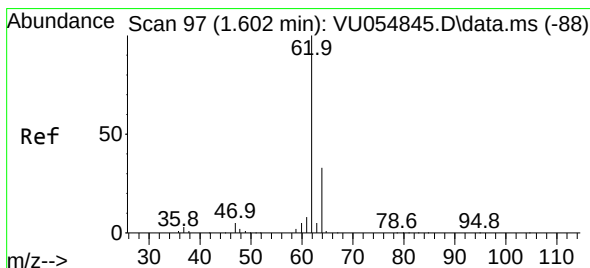
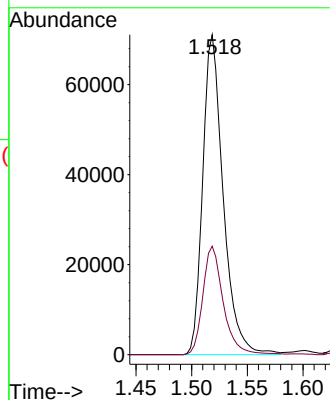
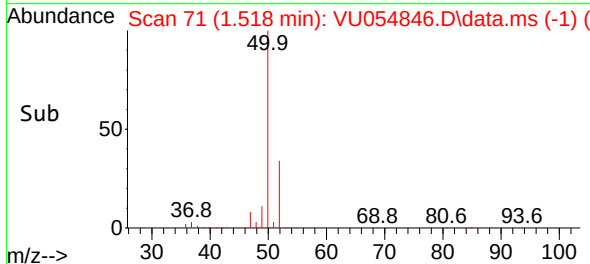
Instrument :
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ClientSampleId :
VSTDIC015



Tgt Ion: 50 Resp: 9115
Ion Ratio Lower Upper
50 100
52 33.9 28.2 42.2

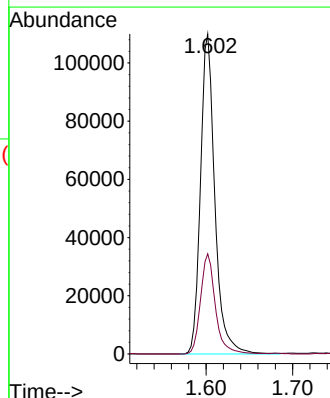
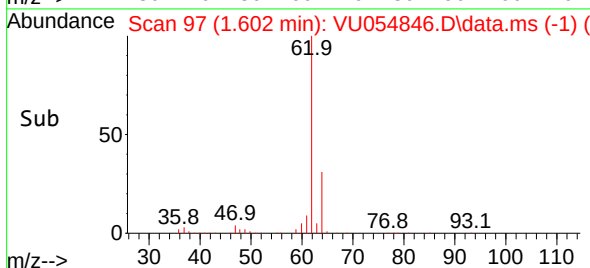
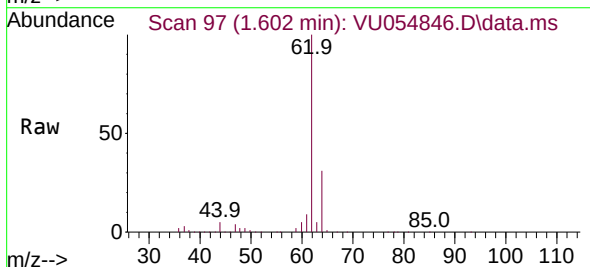
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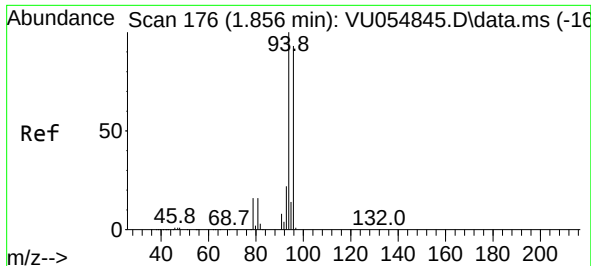
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#4
Vinyl Chloride
Concen: 15.804 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

Tgt Ion: 62 Resp: 126596
Ion Ratio Lower Upper
62 100
64 31.3 26.4 39.6





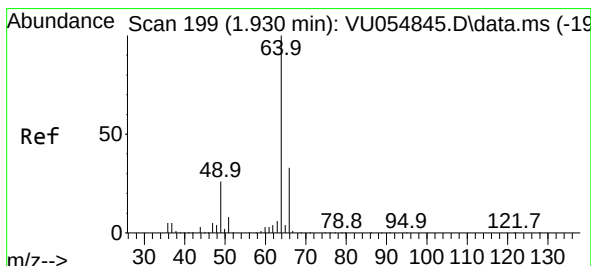
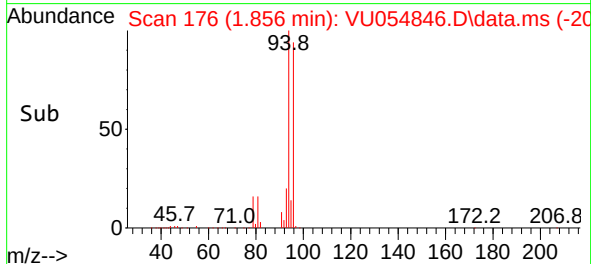
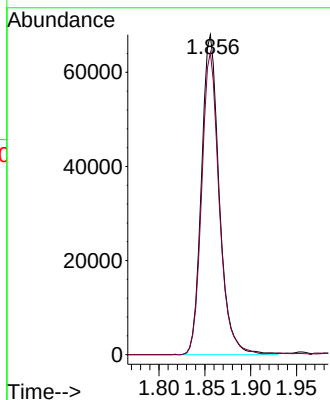
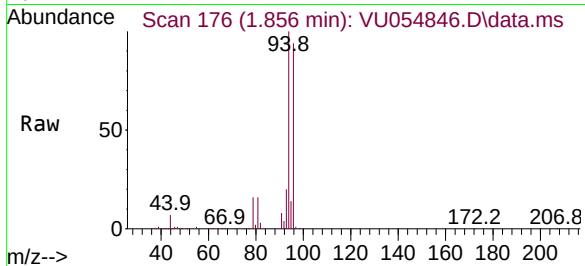
#5
Bromomethane
Concen: 16.159 ug/l
RT: 1.856 min Scan# 176
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 9186
Ion Ratio Lower Upper
94 100
96 94.4 74.6 111.8

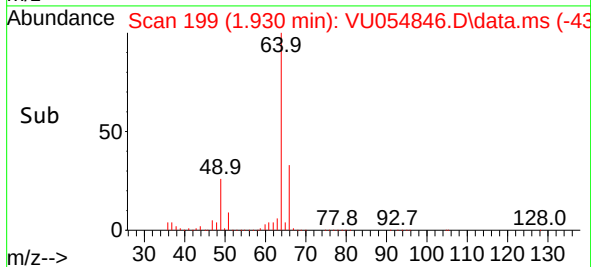
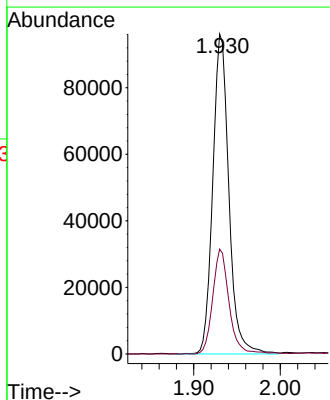
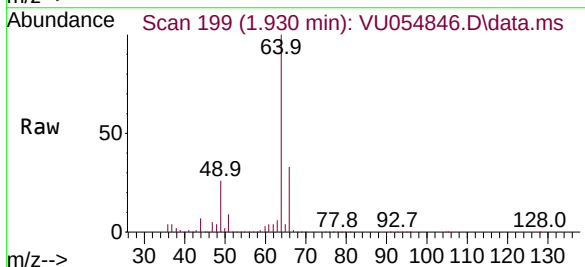
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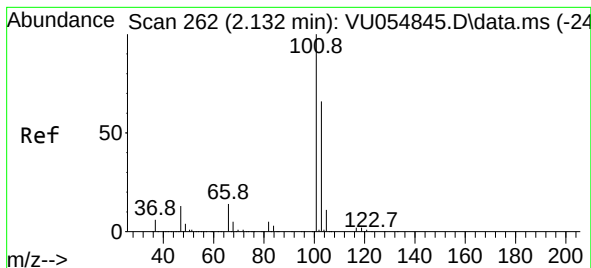
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#6
Chloroethane
Concen: 16.365 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

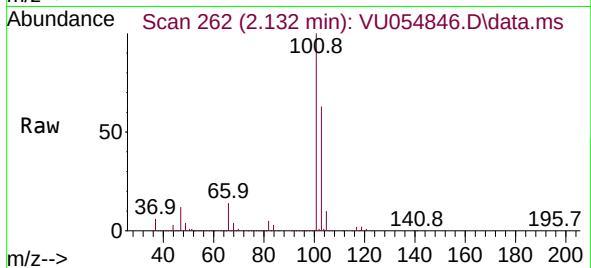
Tgt Ion: 64 Resp: 123875
Ion Ratio Lower Upper
64 100
66 32.8 26.2 39.4





#7
Trichlorofluoromethane
Concen: 16.921 ug/l
RT: 2.132 min Scan# 20
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

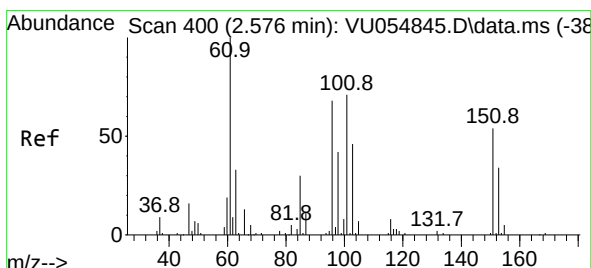
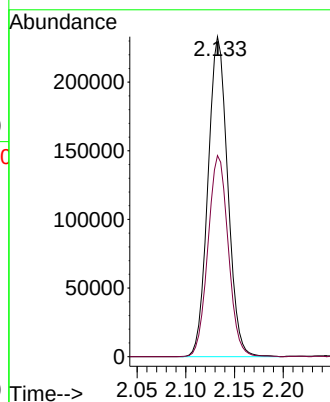
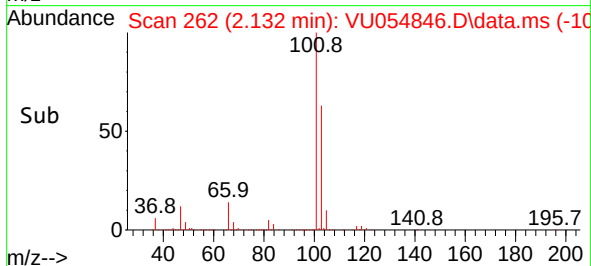
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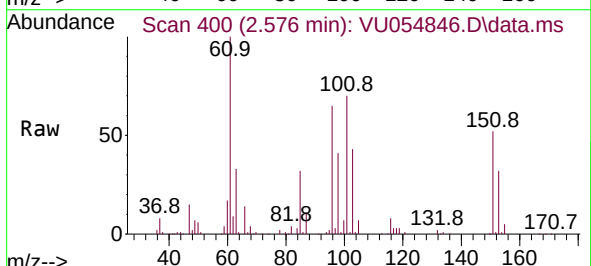
Tgt Ion:101 Resp: 32851
Ion Ratio Lower Upper
101 100
103 62.9 52.9 79.3

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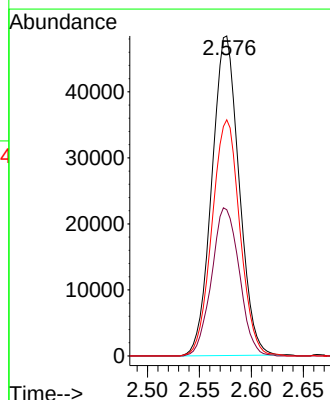
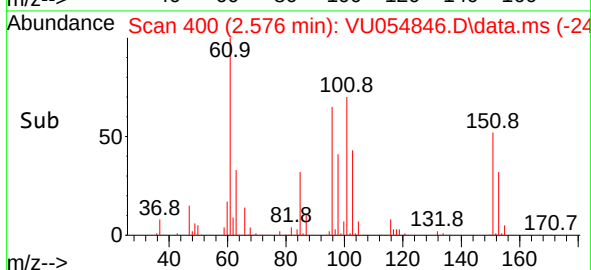
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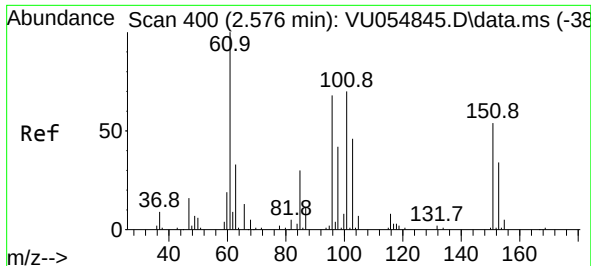


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 15.848 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57



Tgt Ion:101 Resp: 88151
Ion Ratio Lower Upper
101 100
85 47.1 34.8 52.2
151 75.7 60.5 90.7





#9
1,1-Dichloroethene
Concen: 15.961 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

Instrument :

MSVOA_U

ClientSampleId :

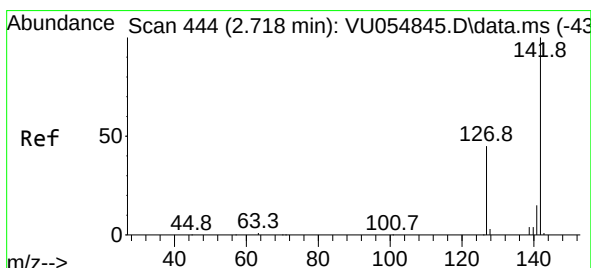
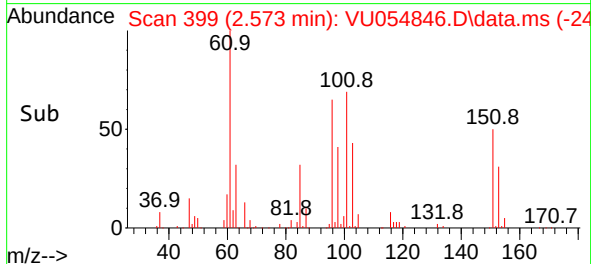
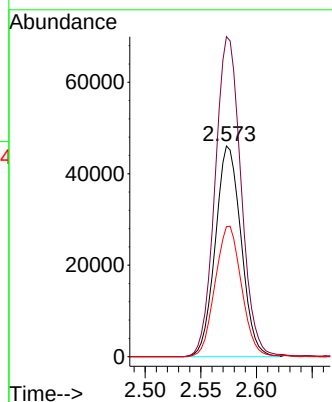
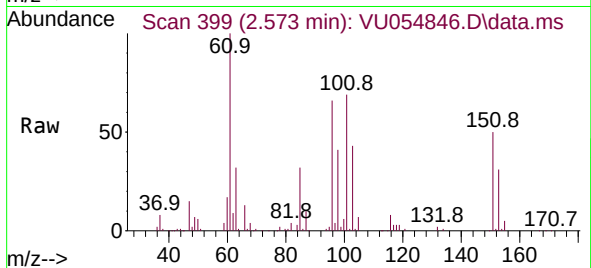
VSTDIC015

Tgt Ion: 96 Resp: 74148
Ion Ratio Lower Upper
96 100
61 151.8 0.0 440.1
98 61.7 0.0 121.8

Manual Integrations

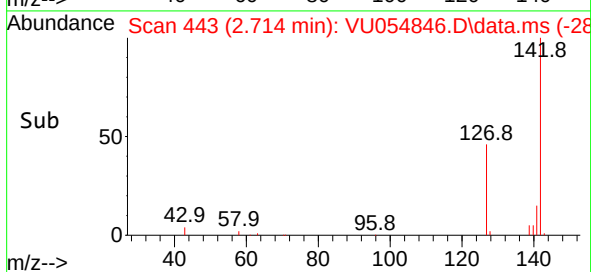
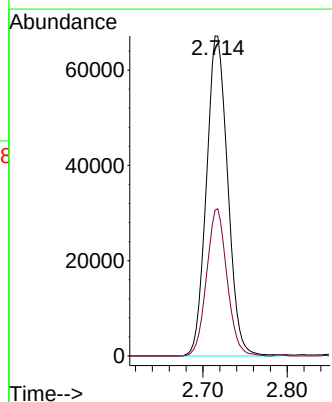
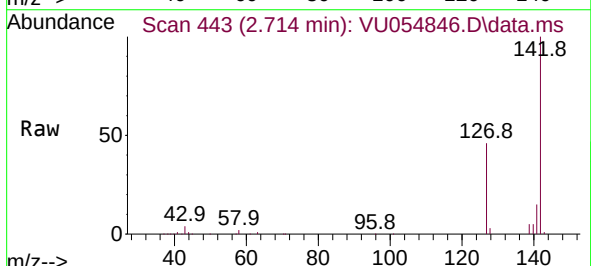
APPROVED

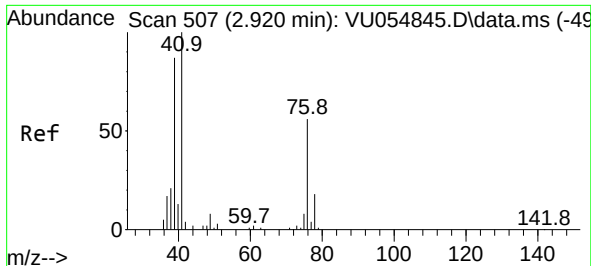
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#10
Iodomethane
Concen: 15.784 ug/l
RT: 2.714 min Scan# 443
Delta R.T. -0.004 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

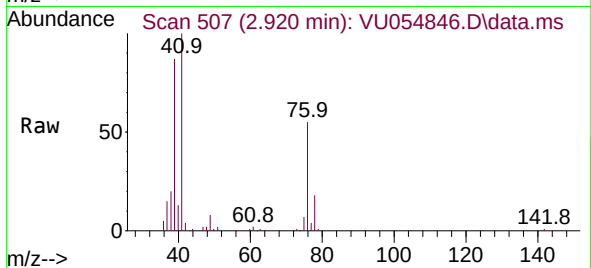
Tgt Ion:142 Resp: 118112
Ion Ratio Lower Upper
142 100
127 44.3 34.3 51.5





#11
 Allyl Chloride
 Concen: 16.034 ug/l
 RT: 2.920 min Scan# 507
 Delta R.T. 0.000 min
 Lab File: VU054846.D
 Acq: 21 Jul 2023 18:57

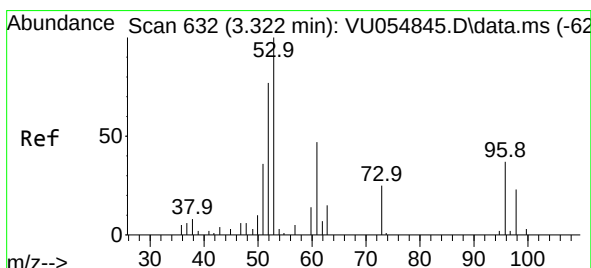
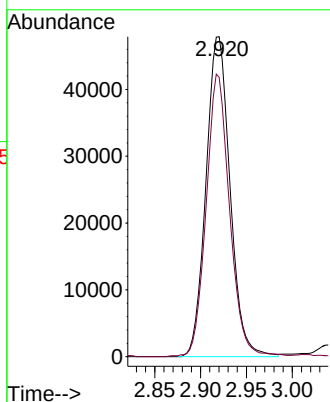
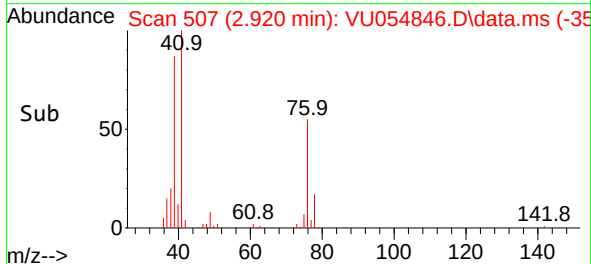
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015



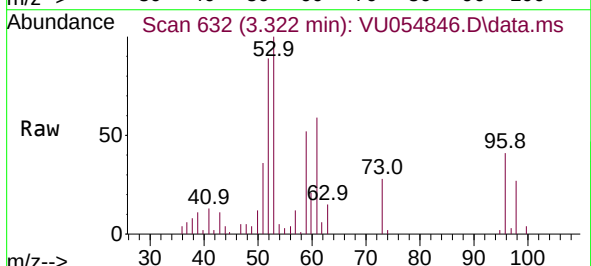
Tgt Ion: 41 Resp: 87378
 Ion Ratio Lower Upper
 41 100
 39 86.0 70.2 105.2

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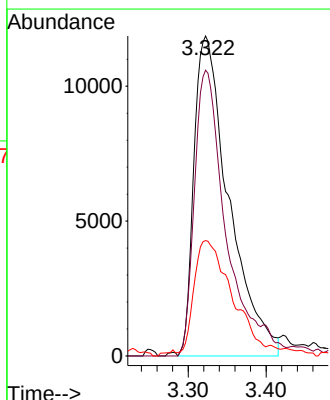
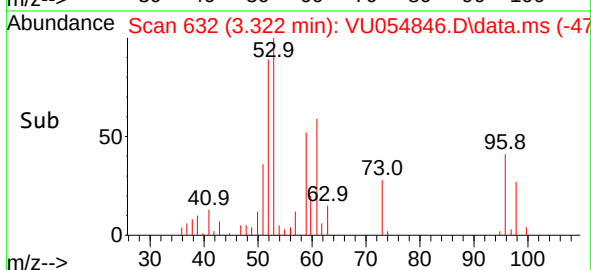
Reviewed By :Semsettin Yesilyurt 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023

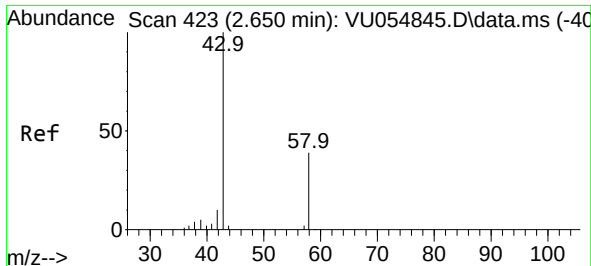


#12
 Acrylonitrile
 Concen: 33.185 ug/l
 RT: 3.322 min Scan# 632
 Delta R.T. 0.000 min
 Lab File: VU054846.D
 Acq: 21 Jul 2023 18:57



Tgt Ion: 53 Resp: 36930
 Ion Ratio Lower Upper
 53 100
 52 77.8 64.2 96.4
 51 36.9 33.6 50.4





#13

Acetone

Concen: 63.249 ug/l

RT: 2.650 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU054846.D

Acq: 21 Jul 2023 18:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 43 Resp: 62010

Ion Ratio Lower Upper

43 100

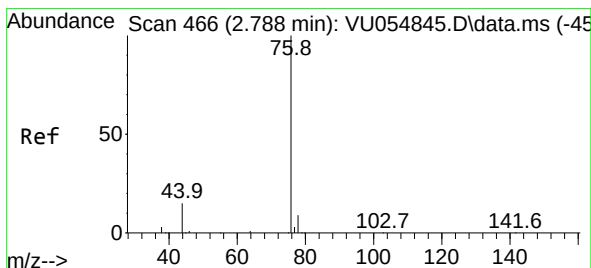
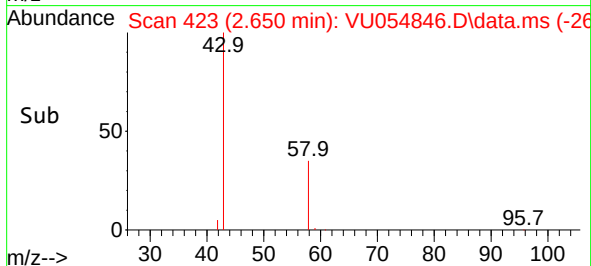
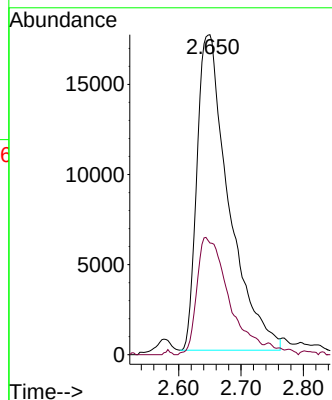
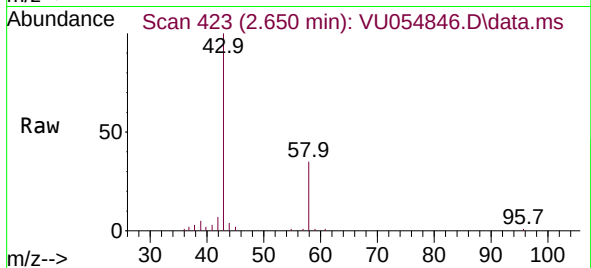
58 36.1 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#14

Carbon Disulfide

Concen: 16.047 ug/l

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU054846.D

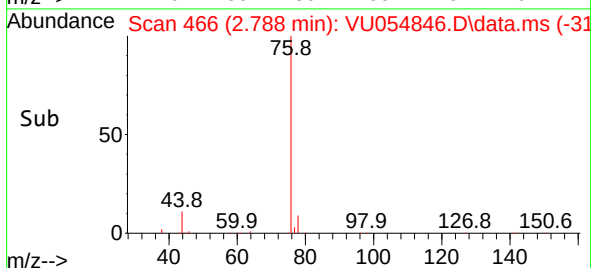
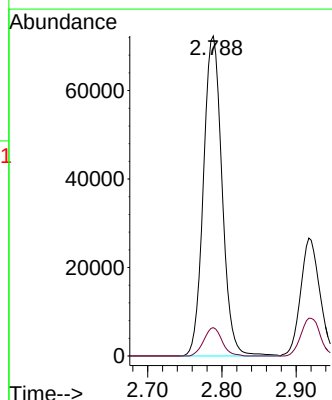
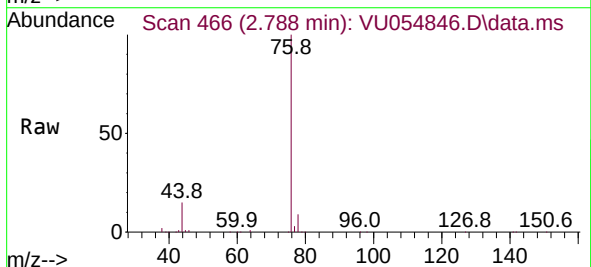
Acq: 21 Jul 2023 18:57

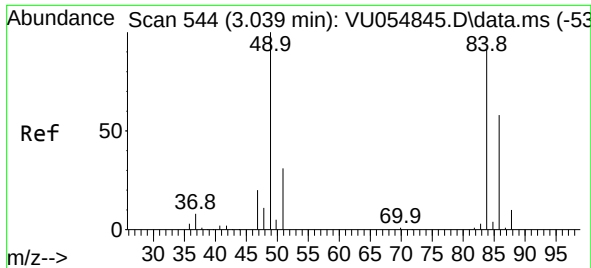
Tgt Ion: 76 Resp: 125670

Ion Ratio Lower Upper

76 100

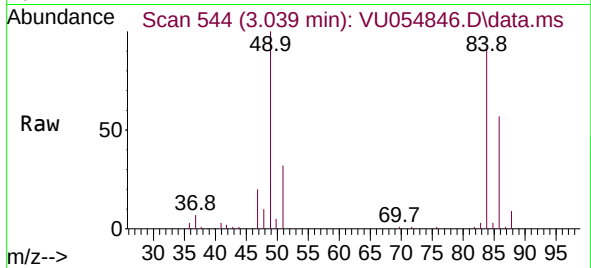
78 8.9 7.1 10.7





#15
Methylene Chloride
Concen: 15.086 ug/l
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

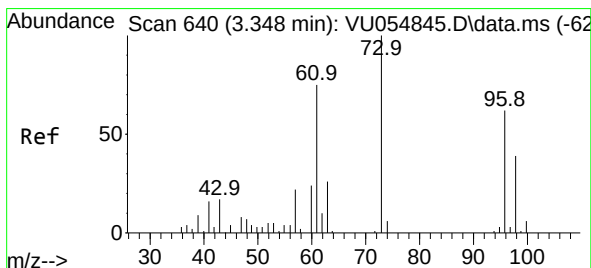
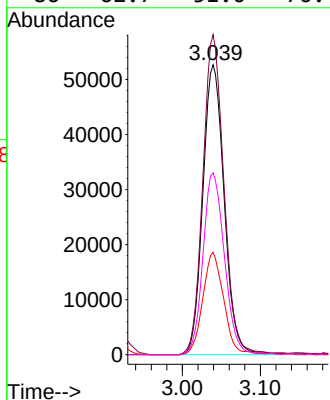
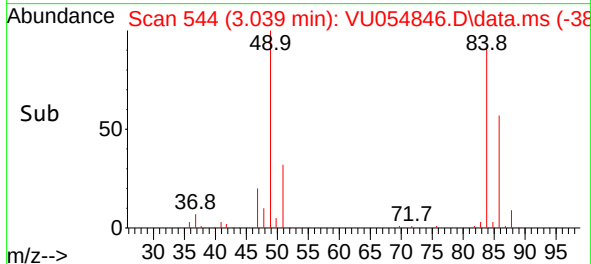
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion:	84	Resp:	99840
Ion	Ratio	Lower	Upper
84	100		
49	110.4	87.8	131.6
51	35.3	0.0	68.2
86	62.7	51.0	76.4

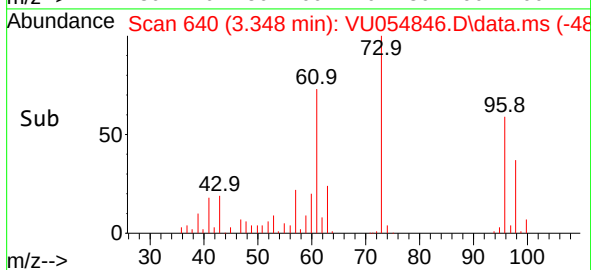
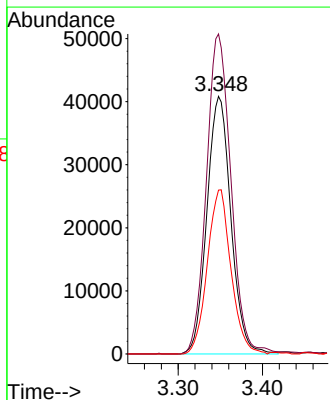
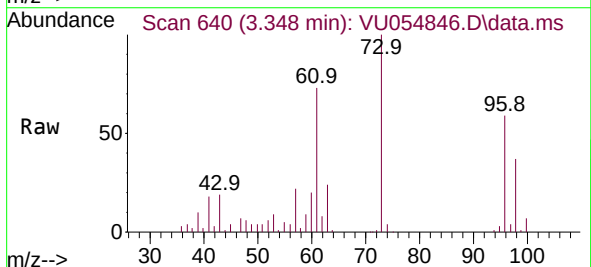
Manual Integrations
APPROVED

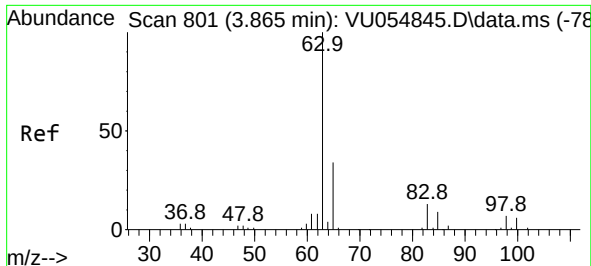
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#16
trans-1,2-Dichloroethene
Concen: 15.684 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

Tgt Ion:	96	Resp:	80966
Ion	Ratio	Lower	Upper
96	100		
61	124.2	96.4	144.6
98	63.6	49.3	73.9





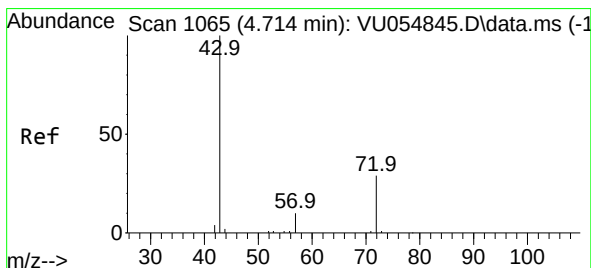
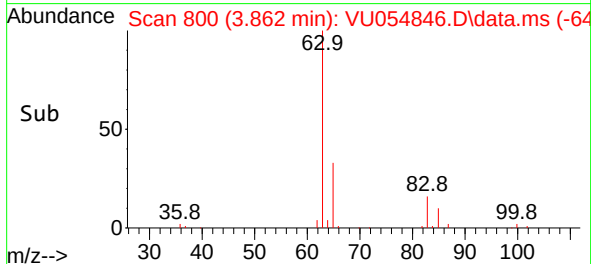
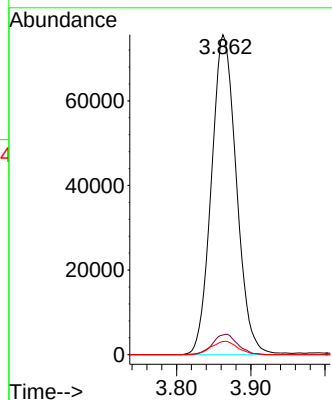
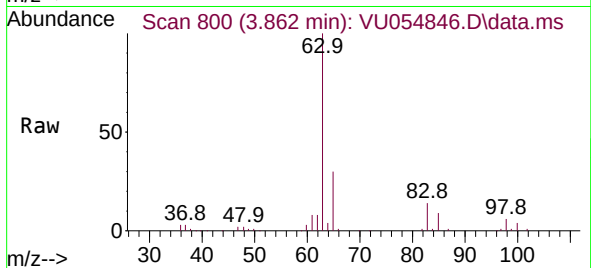
#17
1,1-Dichloroethane
Concen: 16.185 ug/l
RT: 3.862 min Scan# 801
Delta R.T. -0.003 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 63 Resp: 17680
Ion Ratio Lower Upper
63 100
98 6.2 3.6 10.8
100 4.1 2.8 8.4

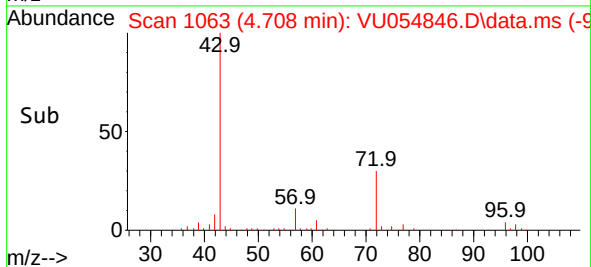
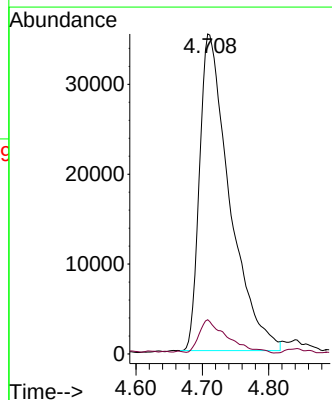
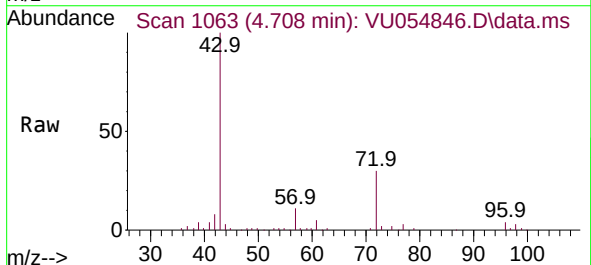
Manual Integrations
APPROVED

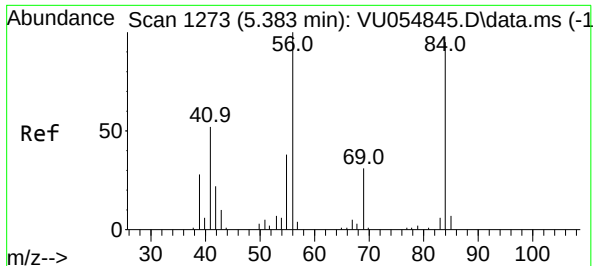
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#18
2-Butanone
Concen: 79.769 ug/l
RT: 4.708 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

Tgt Ion: 43 Resp: 110849
Ion Ratio Lower Upper
43 100
57 10.4 0.0 20.8





#19

Cyclohexane

Concen: 13.731 ug/l

RT: 5.383 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU054846.D

Acq: 21 Jul 2023 18:57

Instrument :

MSVOA_U

ClientSampleId :

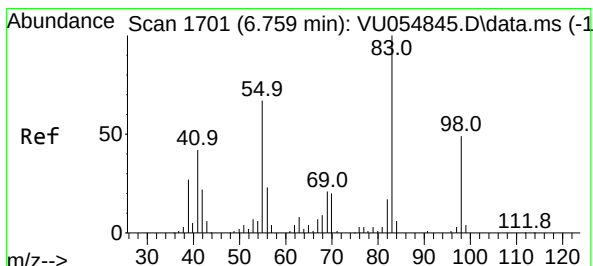
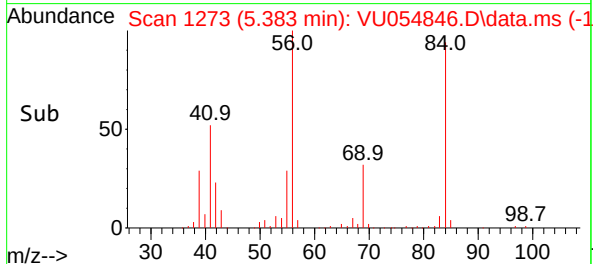
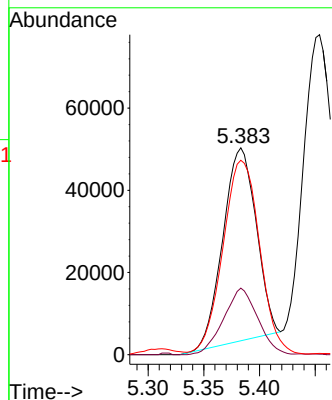
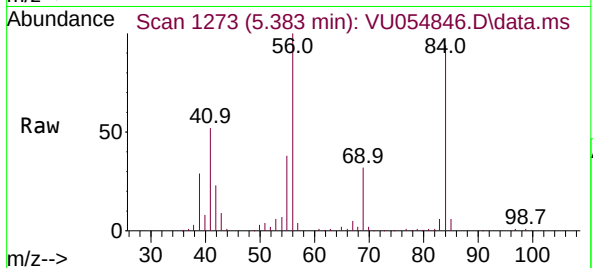
VSTDICC015

Tgt Ion:	56	Resp:	9806
Ion Ratio	Lower	Upper	
56	100		
69	34.8	24.7	37.1
84	108.8	76.5	114.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#20

Methylcyclohexane

Concen: 16.435 ug/l

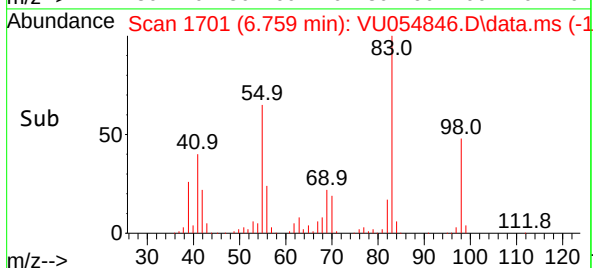
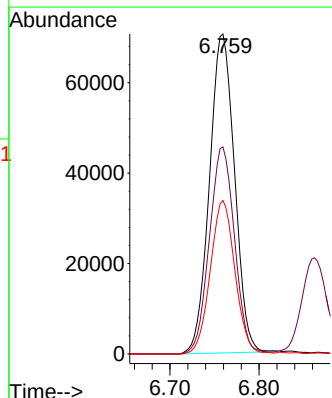
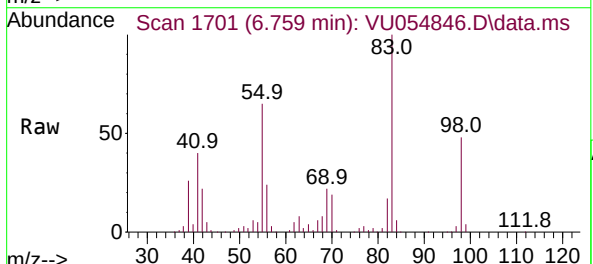
RT: 6.759 min Scan# 1701

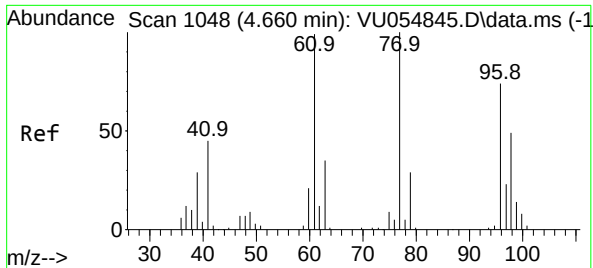
Delta R.T. 0.000 min

Lab File: VU054846.D

Acq: 21 Jul 2023 18:57

Tgt Ion:	83	Resp:	138057
Ion Ratio	Lower	Upper	
83	100		
55	64.4	51.6	77.4
98	46.9	38.2	57.2





#21

2,2-Dichloropropane

Concen: 15.553 ug/l

RT: 4.660 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU054846.D

Acq: 21 Jul 2023 18:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 77 Resp: 14819

Ion Ratio Lower Upper

77 100

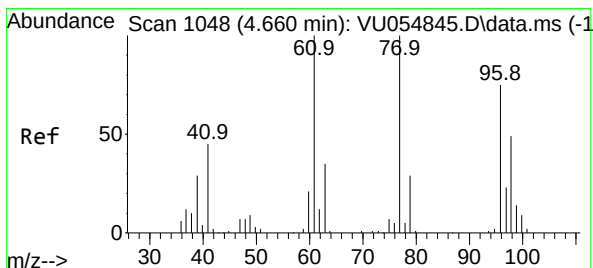
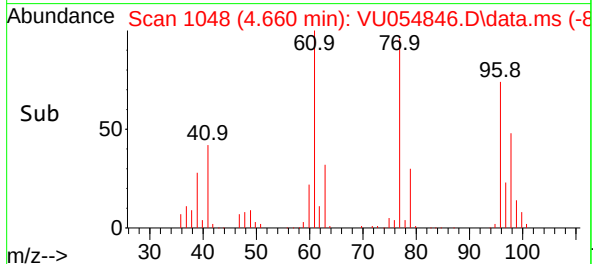
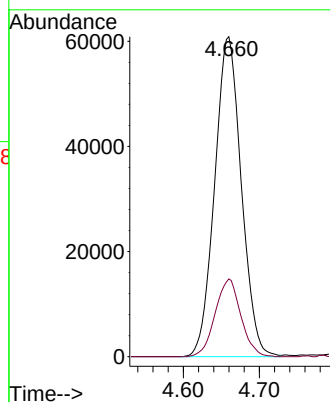
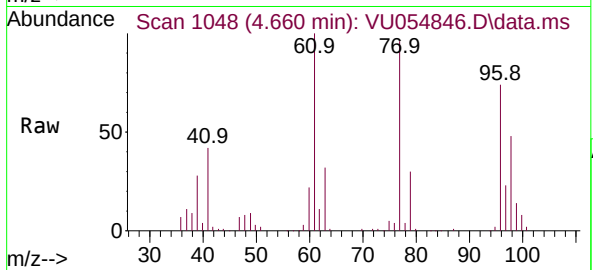
97 23.4 18.0 27.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#22

cis-1,2-Dichloroethene

Concen: 16.399 ug/l

RT: 4.663 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU054846.D

Acq: 21 Jul 2023 18:57

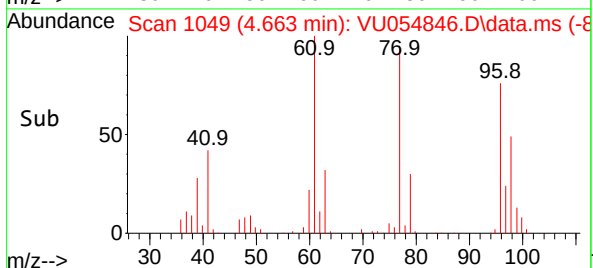
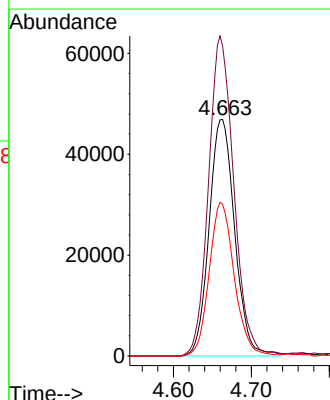
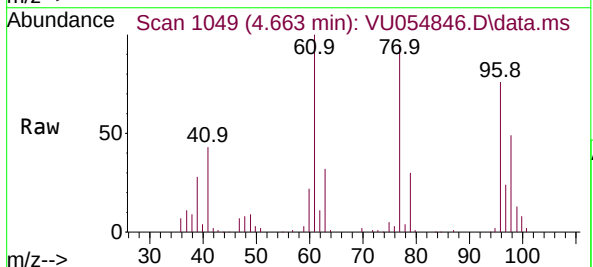
Tgt Ion: 96 Resp: 107189

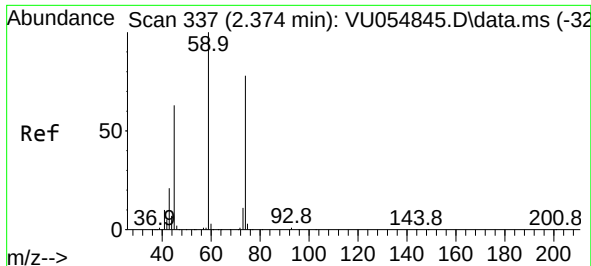
Ion Ratio Lower Upper

96 100

61 133.4 0.0 332.0

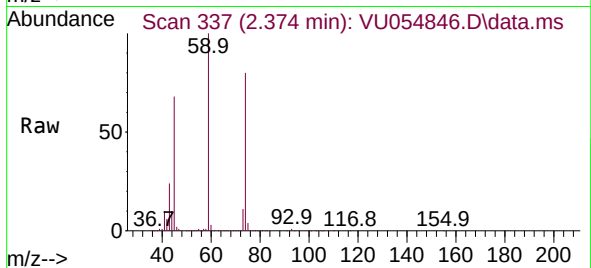
98 63.3 32.5 97.5





#23
Diethyl Ether
Concen: 15.212 ug/l
RT: 2.374 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

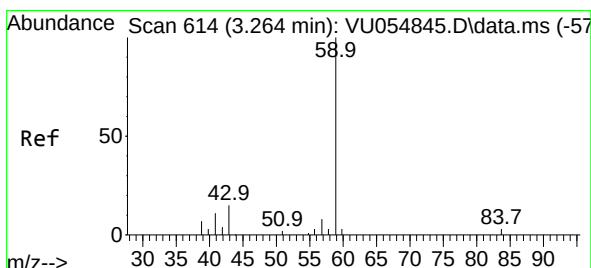
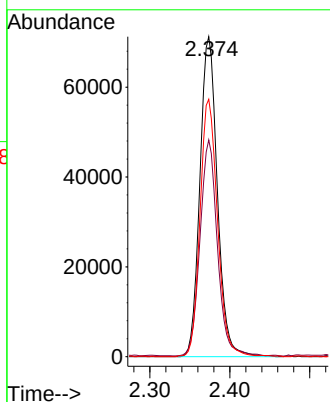
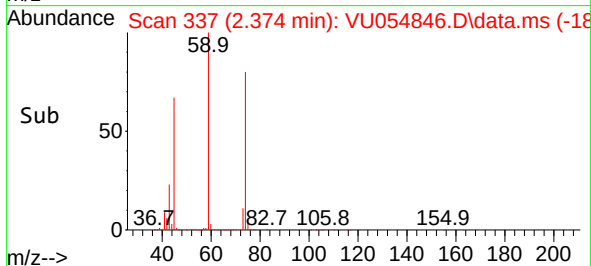
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 59 Resp: 108578
Ion Ratio Lower Upper
59 100
45 67.0 51.4 77.0
74 80.6 63.1 94.7

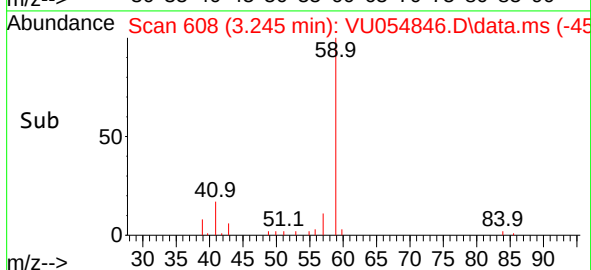
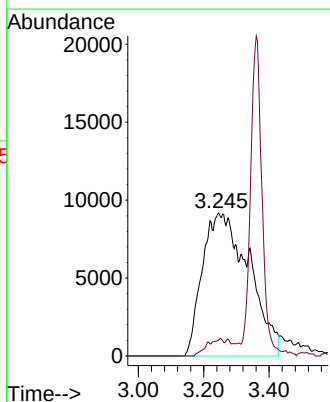
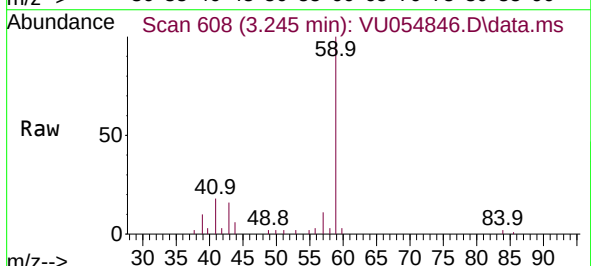
Manual Integrations
APPROVED

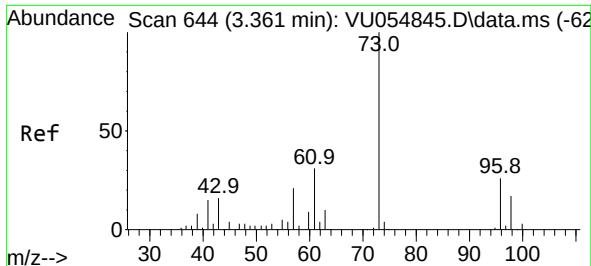
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#24
tert-Butyl Alcohol
Concen: 136.356 ug/l m
RT: 3.245 min Scan# 608
Delta R.T. -0.019 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

Tgt Ion: 59 Resp: 90685
Ion Ratio Lower Upper
59 100
57 52.7 2.2 3.2#





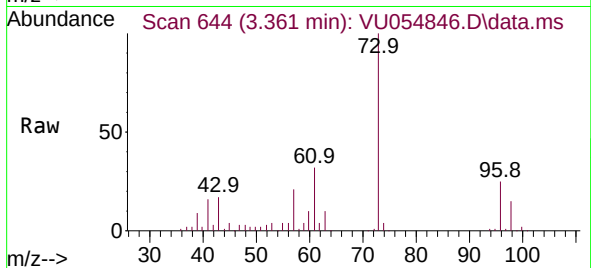
#25
Methyl tert-Butyl Ether
Concen: 16.631 ug/l
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

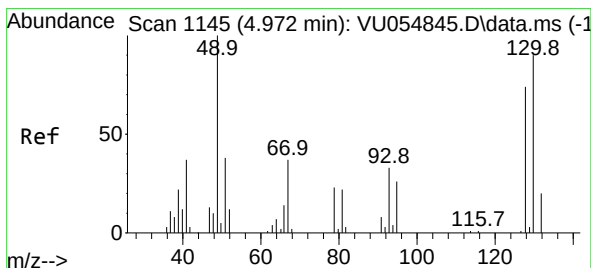
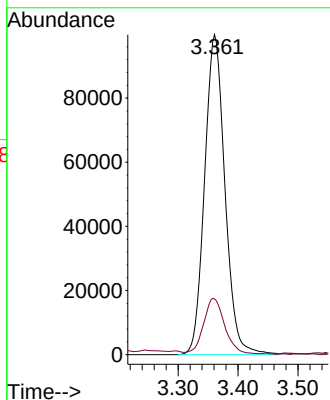
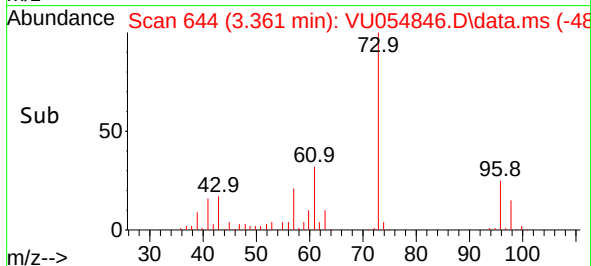


Tgt Ion: 73 Resp: 235749
Ion Ratio Lower Upper
73 100
43 17.8 14.6 22.0

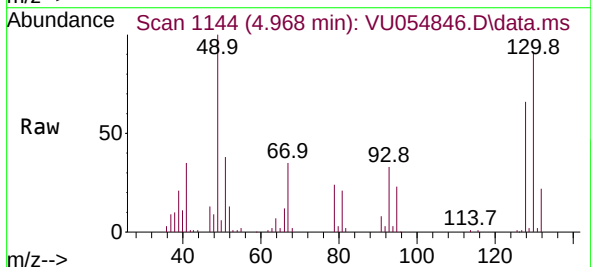
Manual Integrations

APPROVED

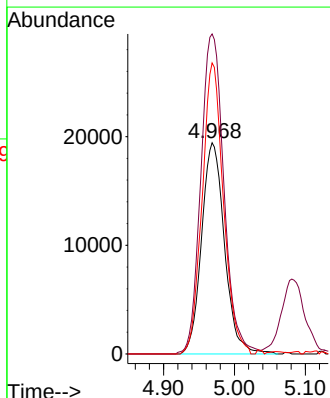
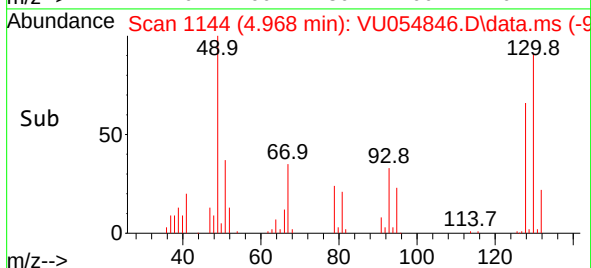
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

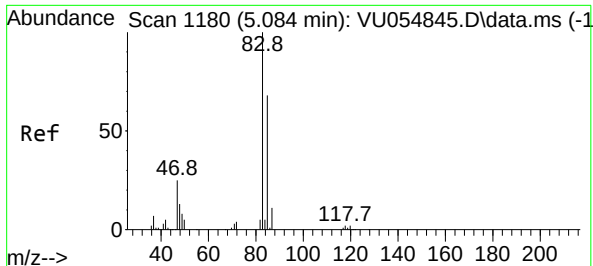


#26
Bromochloromethane
Concen: 17.538 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. -0.003 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57



Tgt Ion:128 Resp: 43700
Ion Ratio Lower Upper
128 100
49 152.6 0.0 304.0
130 128.3 104.3 156.5





#27

Chloroform

Concen: 16.059 ug/l

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU054846.D

Acq: 21 Jul 2023 18:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 83 Resp: 192774

Ion Ratio Lower Upper

83 100

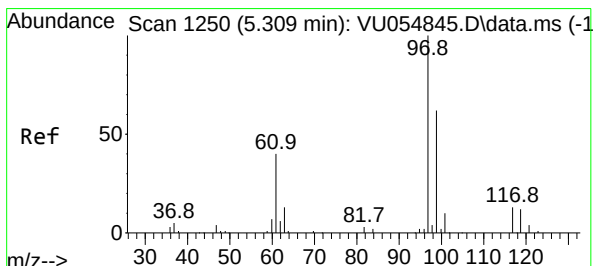
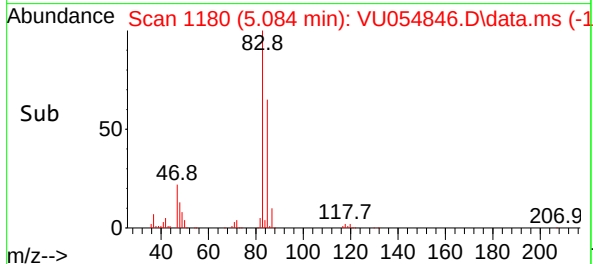
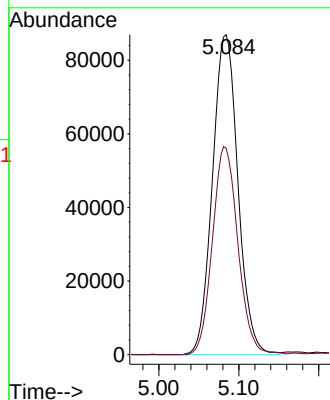
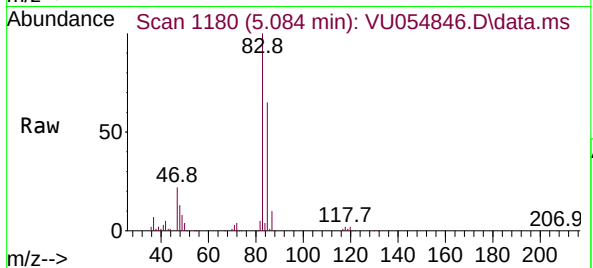
85 64.5 0.0 135.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#28

1,1,1-Trichloroethane

Concen: 16.341 ug/l

RT: 5.312 min Scan# 1251

Delta R.T. 0.003 min

Lab File: VU054846.D

Acq: 21 Jul 2023 18:57

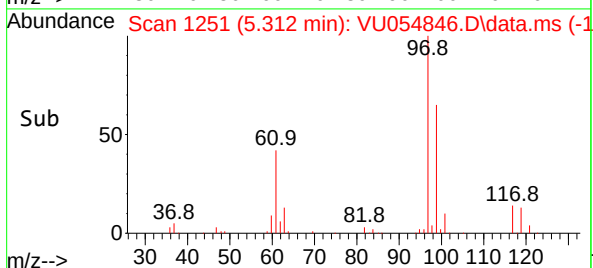
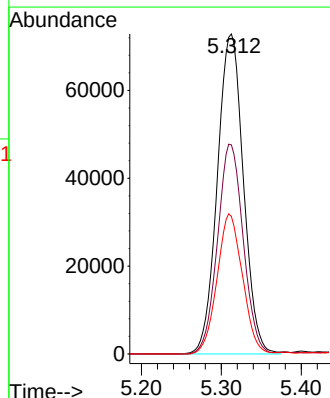
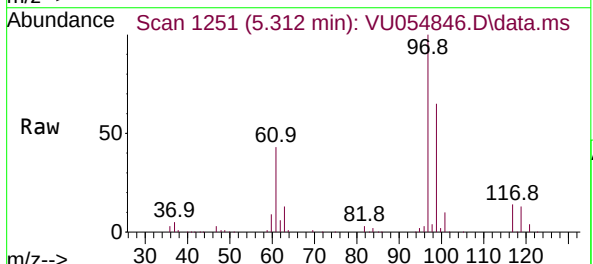
Tgt Ion: 97 Resp: 164847

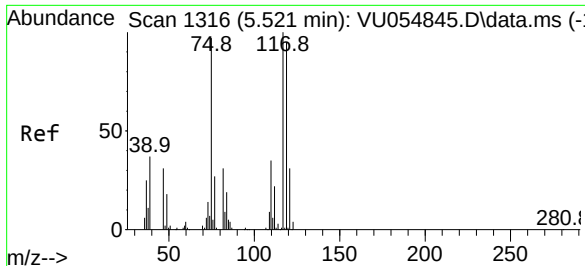
Ion Ratio Lower Upper

97 100

99 64.7 32.0 96.2

61 42.7 21.0 63.0





#29

1,1-Dichloropropene

Concen: 16.781 ug/l

RT: 5.521 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VU054846.D

Acq: 21 Jul 2023 18:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 75 Resp: 120408

Ion Ratio Lower Upper

75 100

110 35.2 18.5 55.5

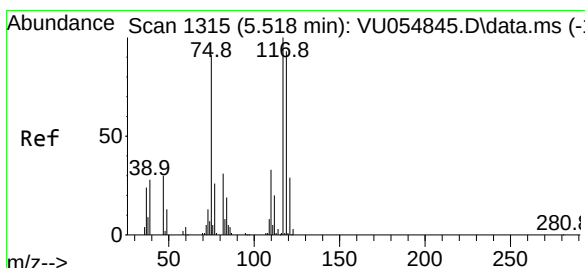
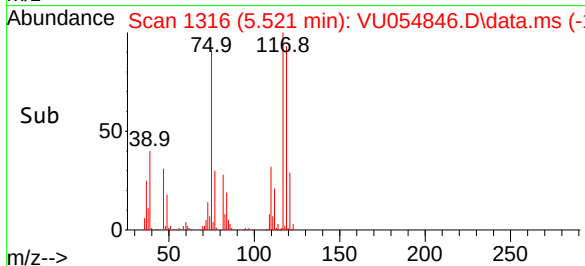
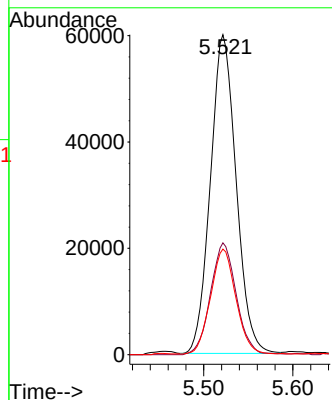
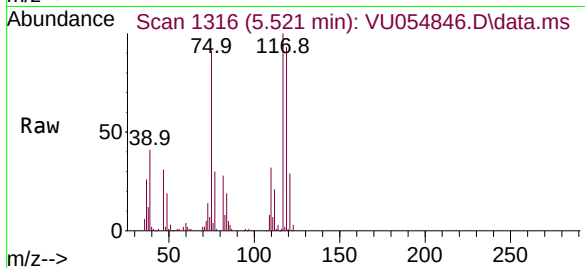
77 32.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#30

Carbon Tetrachloride

Concen: 16.599 ug/l

RT: 5.521 min Scan# 1316

Delta R.T. 0.003 min

Lab File: VU054846.D

Acq: 21 Jul 2023 18:57

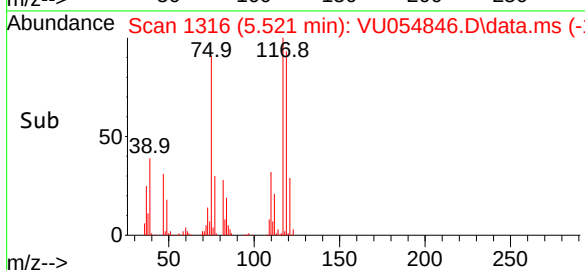
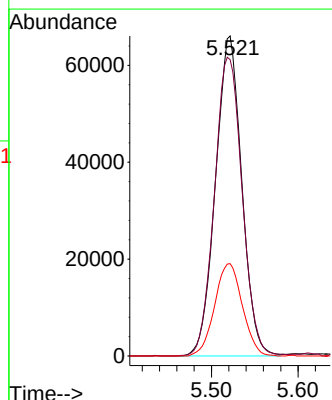
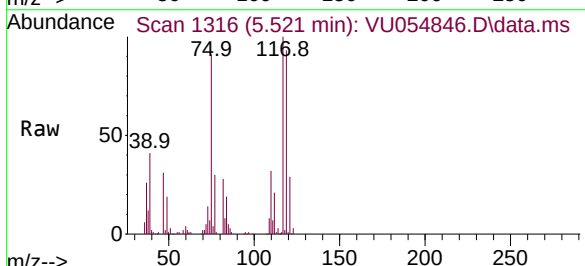
Tgt Ion:117 Resp: 139167

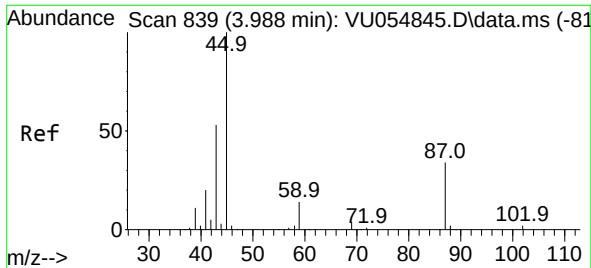
Ion Ratio Lower Upper

117 100

119 92.5 75.6 113.4

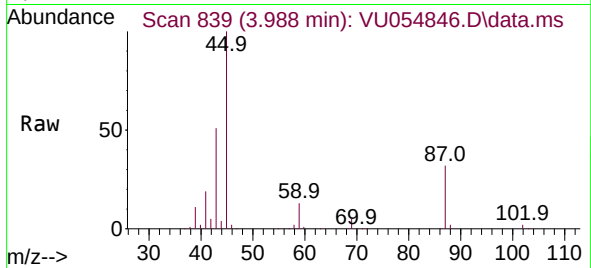
121 29.2 23.4 35.0





#31
Isopropyl Ether
Concen: 16.572 ug/l
RT: 3.988 min Scan# 839
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

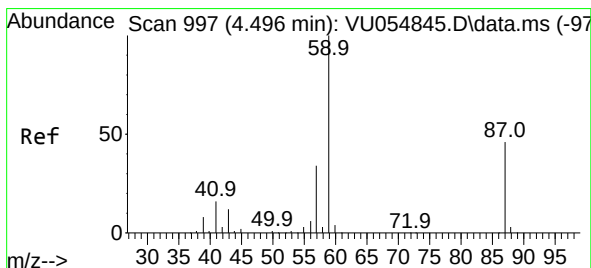
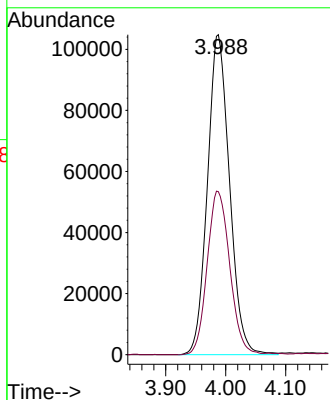
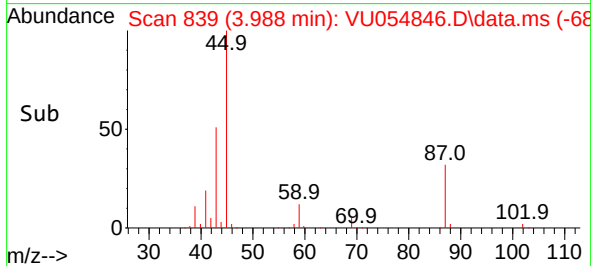
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



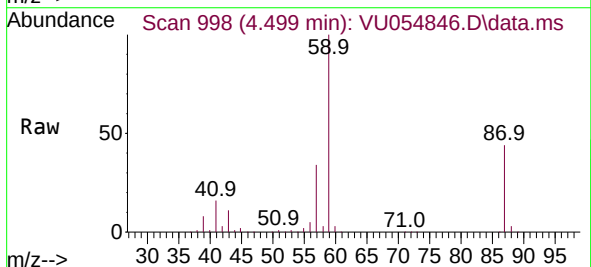
Tgt Ion: 45 Resp: 26791
Ion Ratio Lower Upper
45 100
43 52.3 26.4 79.2

Manual Integrations
APPROVED

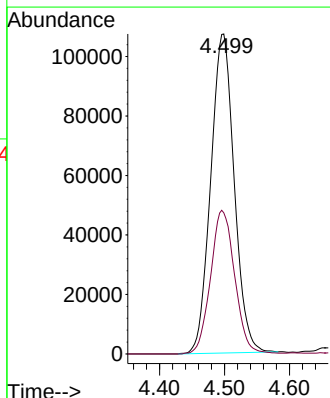
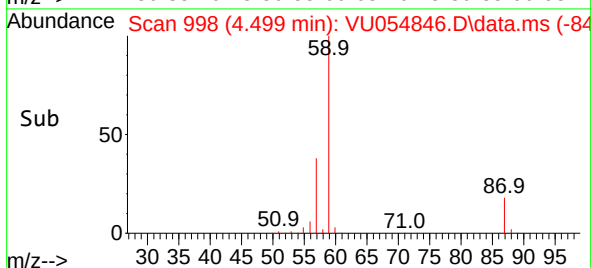
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

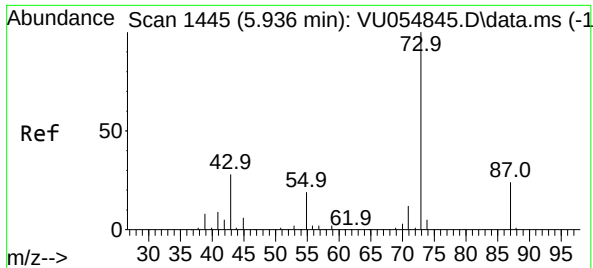


#32
Ethyl-t-butyl ether
Concen: 16.201 ug/l
RT: 4.499 min Scan# 998
Delta R.T. 0.003 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57



Tgt Ion: 59 Resp: 269119
Ion Ratio Lower Upper
59 100
87 46.0 35.7 53.5





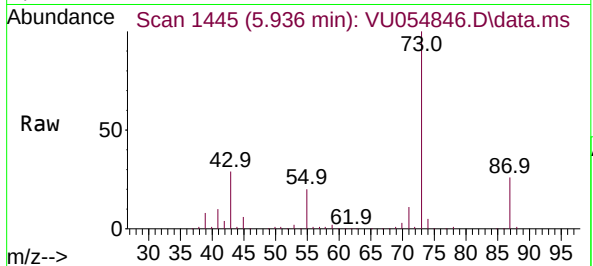
#33
Tert-Amyl methyl ether
Concen: 16.267 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

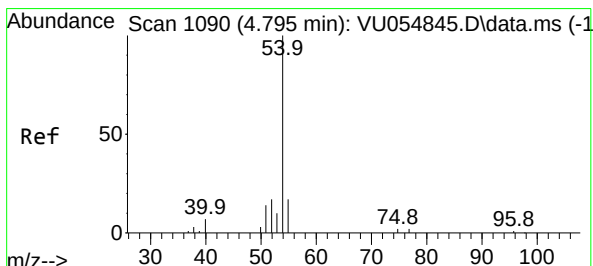
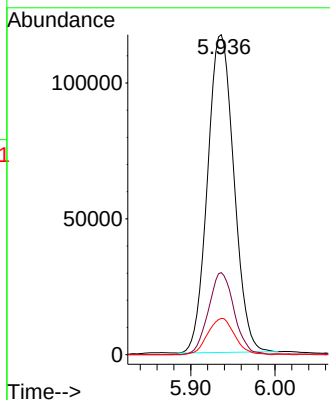
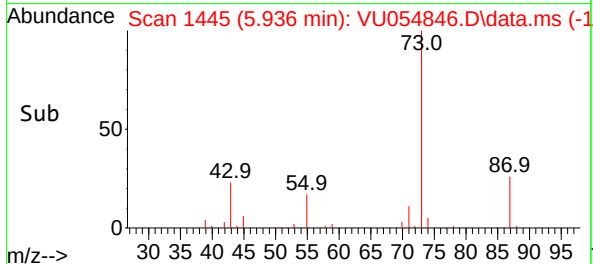


Tgt Ion: 73 Resp: 254310
Ion Ratio Lower Upper
73 100
87 24.9 19.6 29.4
71 11.7 9.1 13.7

Manual Integrations

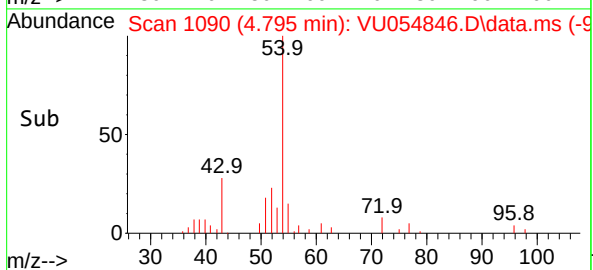
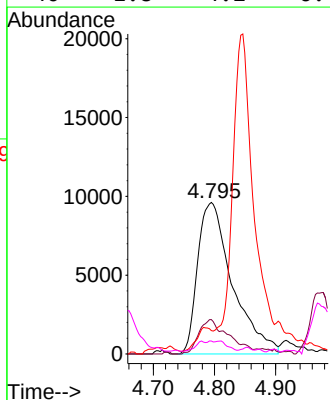
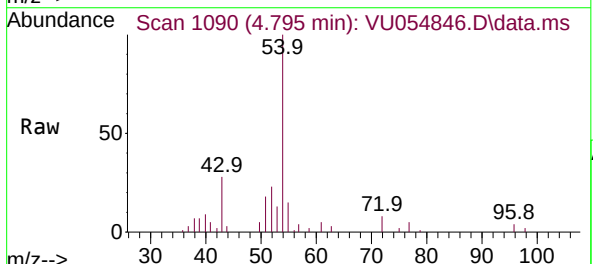
APPROVED

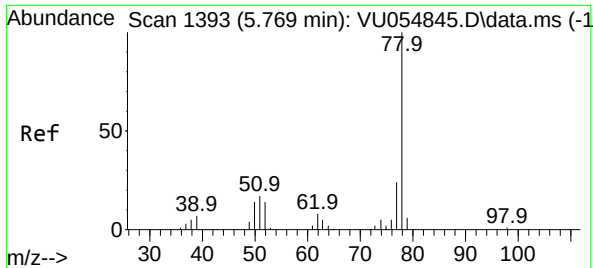
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#34
Propionitrile
Concen: 83.415 ug/l
RT: 4.795 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

Tgt Ion: 54 Resp: 38029
Ion Ratio Lower Upper
54 100
52 19.6 13.8 20.8
55 7.1 4.8 7.2
40 1.8 4.2 6.4





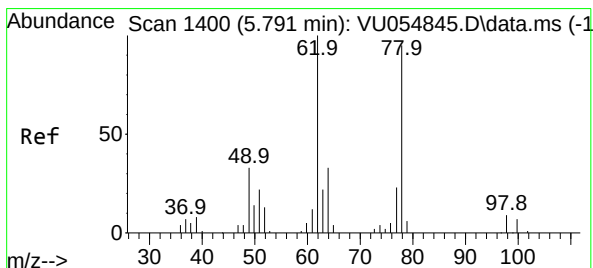
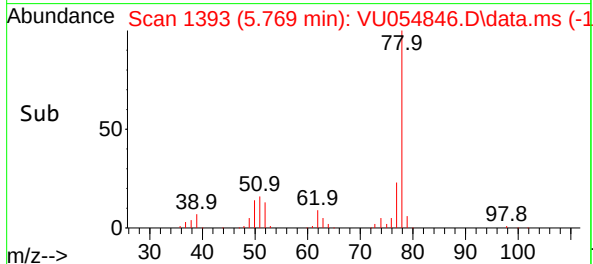
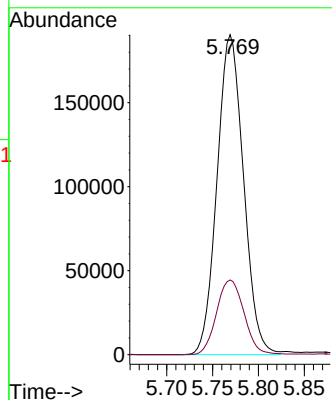
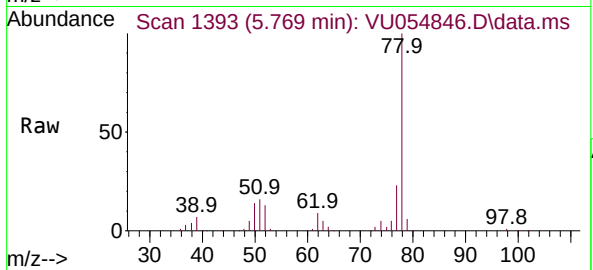
#35
Benzene
Concen: 16.407 ug/l
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 78 Resp: 382562
Ion Ratio Lower Upper
78 100
77 23.3 19.4 29.2

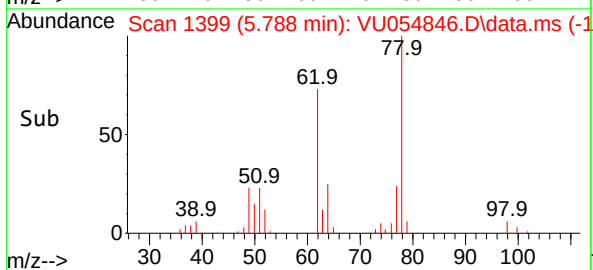
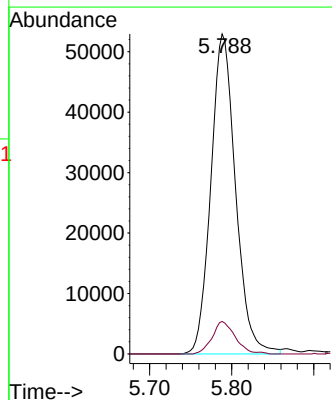
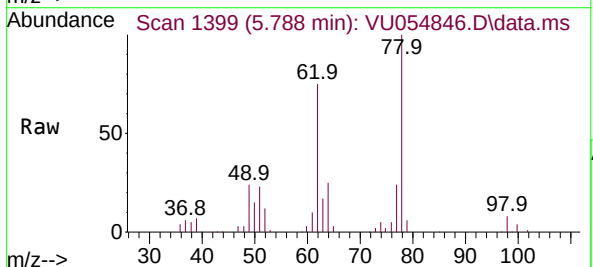
Manual Integrations
APPROVED

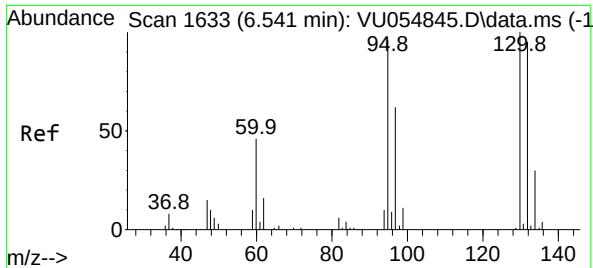
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#36
1,2-Dichloroethane
Concen: 16.532 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. -0.003 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

Tgt Ion: 62 Resp: 110739
Ion Ratio Lower Upper
62 100
98 9.4 7.8 11.8





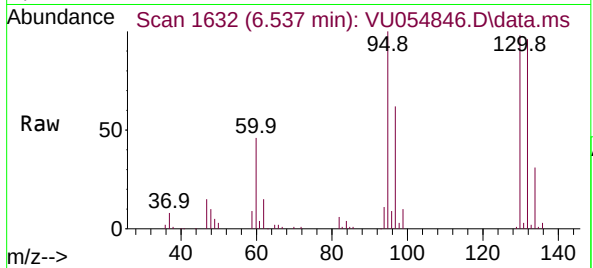
#37
Trichloroethene
Concen: 15.927 ug/l
RT: 6.537 min Scan# 1632
Delta R.T. -0.003 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

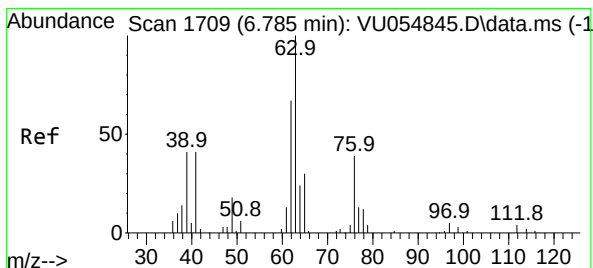
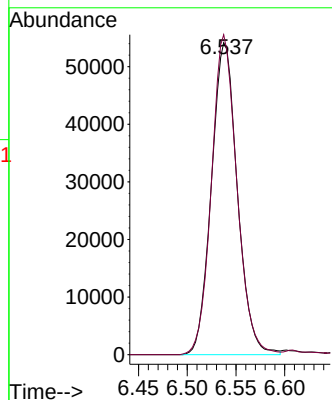


Tgt Ion:130 Resp: 100362
Ion Ratio Lower Upper
130 100
95 102.5 76.8 115.2

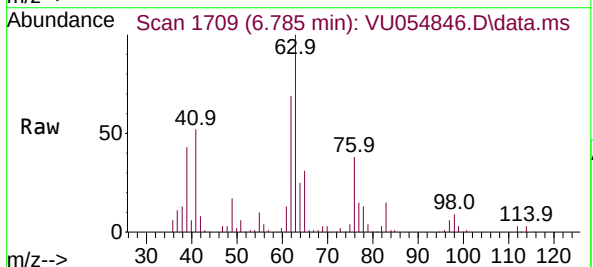
Manual Integrations

APPROVED

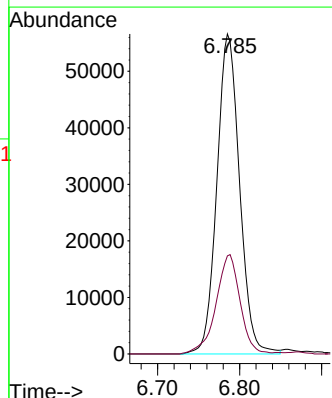
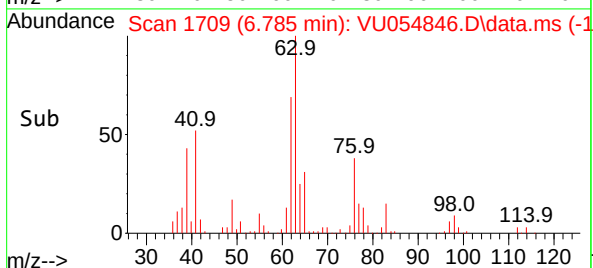
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

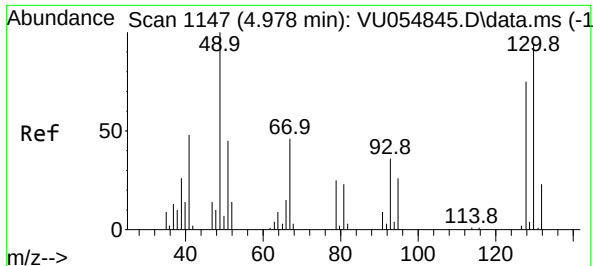


#38
1,2-Dichloropropane
Concen: 16.176 ug/l
RT: 6.785 min Scan# 1709
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57



Tgt Ion: 63 Resp: 108882
Ion Ratio Lower Upper
63 100
65 30.7 24.3 36.5





#39

Methacrylonitrile

Concen: 16.304 ug/l

RT: 4.972 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VU054846.D

Acq: 21 Jul 2023 18:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 41 Resp: 2707

Ion Ratio Lower Upper

41 100

67 98.3 77.0 115.4

39 59.3 50.4 75.6

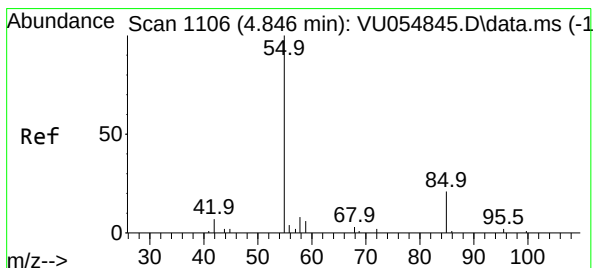
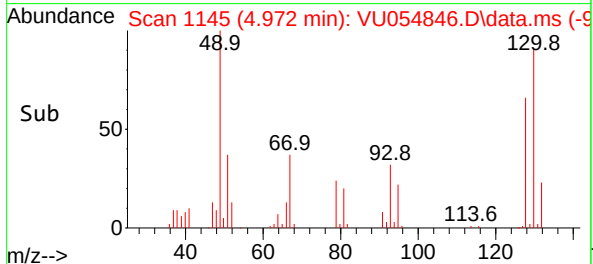
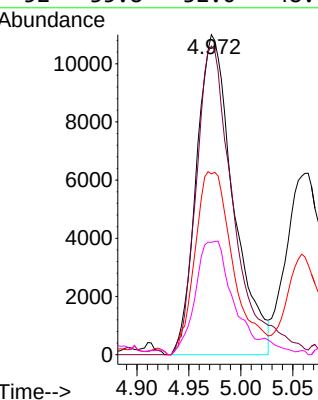
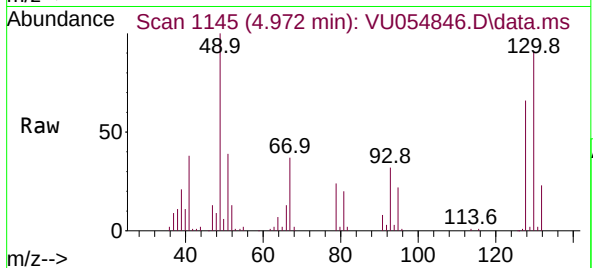
52 35.8 32.0 48.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#40

Methyl acrylate

Concen: 14.684 ug/l

RT: 4.846 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VU054846.D

Acq: 21 Jul 2023 18:57

Tgt Ion: 55 Resp: 41526

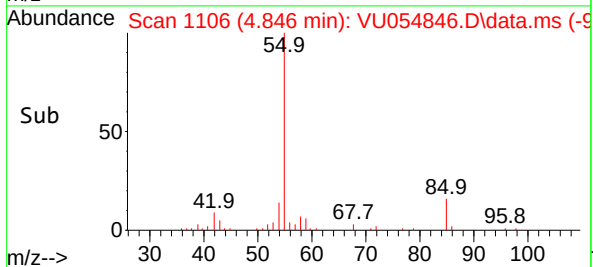
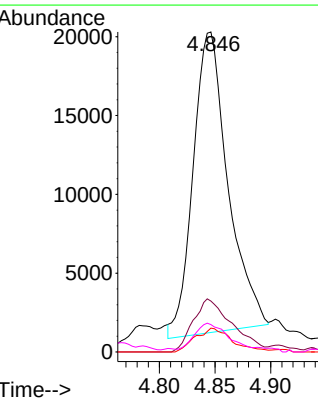
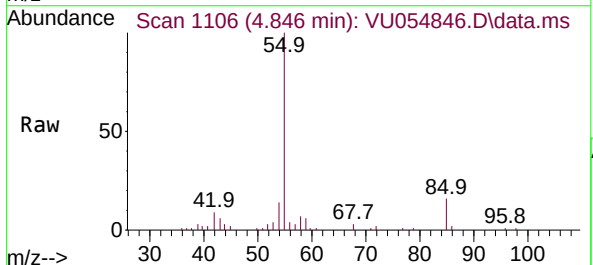
Ion Ratio Lower Upper

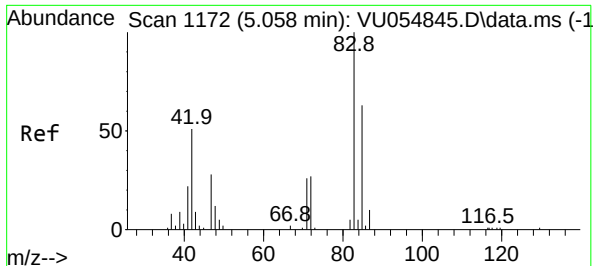
55 100

85 19.7 13.0 19.6#

58 8.3 5.7 8.5

42 10.4 4.6 7.0#





#41

Tetrahydrofuran

Concen: 28.636 ug/l

RT: 5.055 min Scan# 1172

Delta R.T. -0.003 min

Lab File: VU054846.D

Acq: 21 Jul 2023 18:57

Instrument :

MSVOA_U

ClientSampleId :

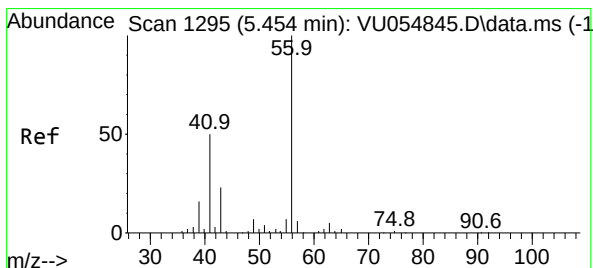
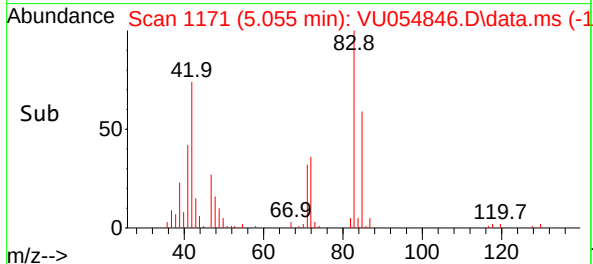
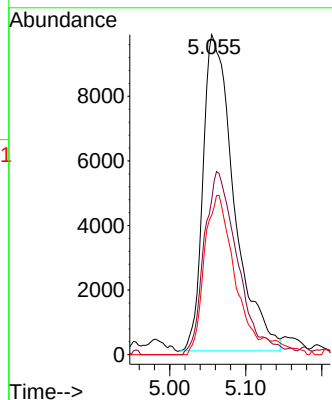
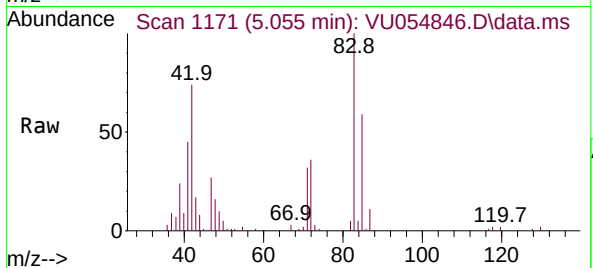
VSTDICC015

Tgt Ion:	42	Resp:	2769
Ion Ratio	Lower	Upper	
42	100		
72	62.2	42.1	63.1
71	48.6	39.7	59.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#42

1-Chlorobutane

Concen: 16.291 ug/l

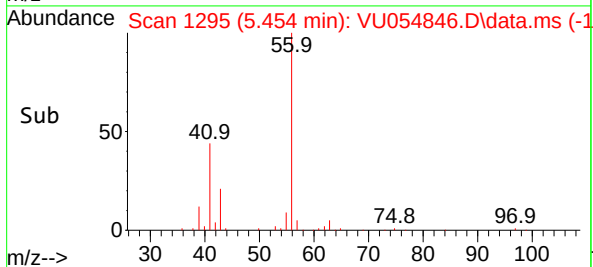
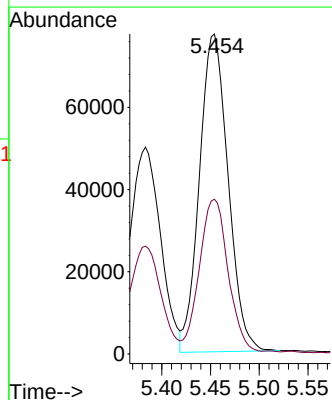
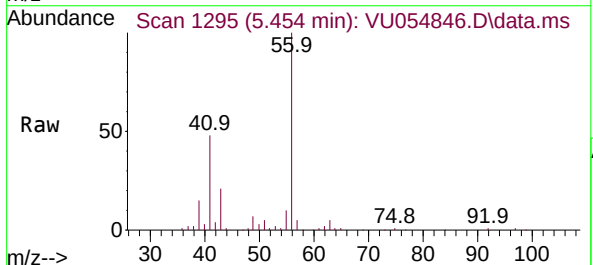
RT: 5.454 min Scan# 1295

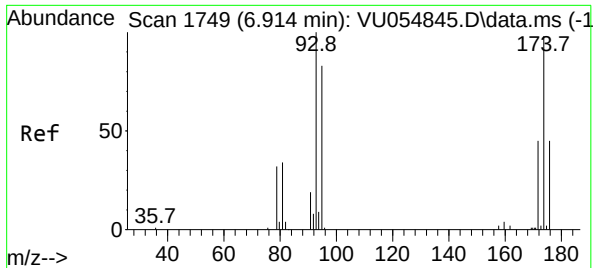
Delta R.T. 0.000 min

Lab File: VU054846.D

Acq: 21 Jul 2023 18:57

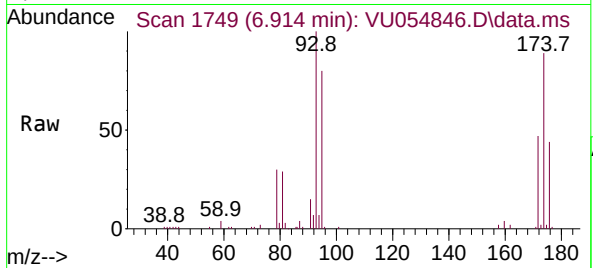
Tgt Ion:	56	Resp:	158125
Ion Ratio	Lower	Upper	
56	100		
41	48.0	23.9	71.7





#43
Dibromomethane
Concen: 17.158 ug/l
RT: 6.914 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

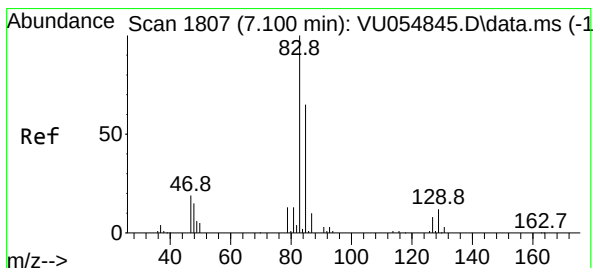
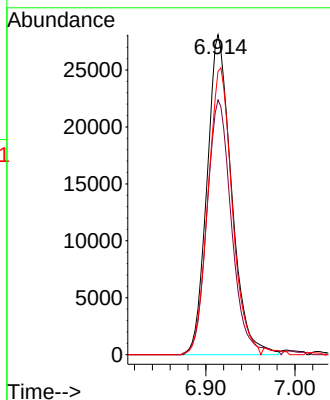
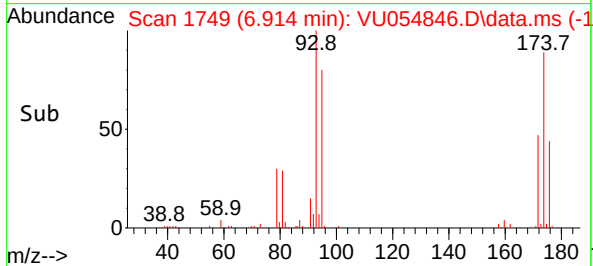
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



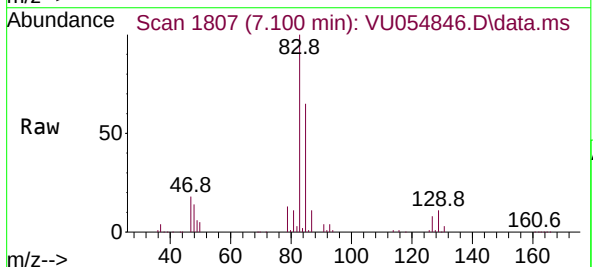
Tgt Ion: 93 Resp: 53728
Ion Ratio Lower Upper
93 100
95 79.6 64.7 97.1
174 88.3 74.4 111.6

Manual Integrations
APPROVED

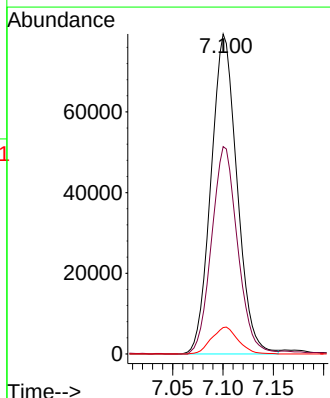
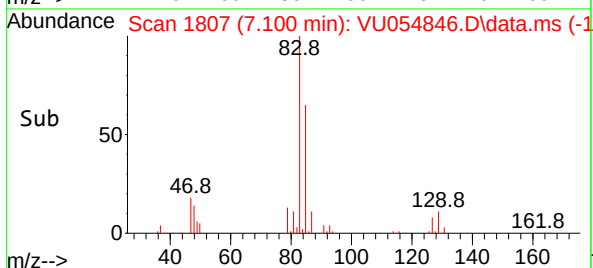
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

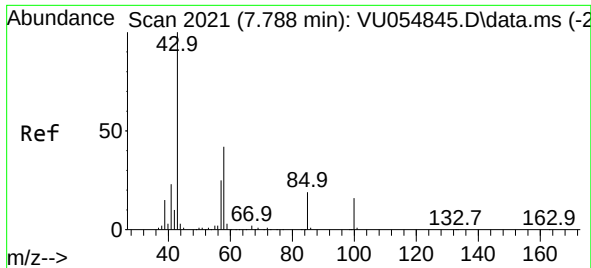


#44
Bromodichloromethane
Concen: 16.652 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57



Tgt Ion: 83 Resp: 142852
Ion Ratio Lower Upper
83 100
85 64.8 52.2 78.2
127 9.2 6.1 9.1#





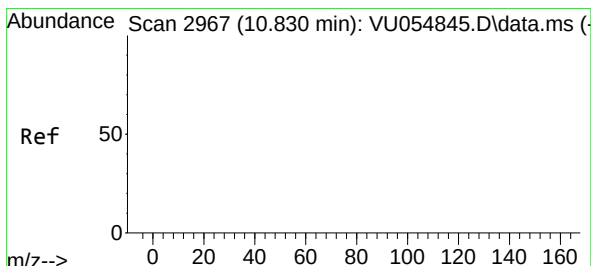
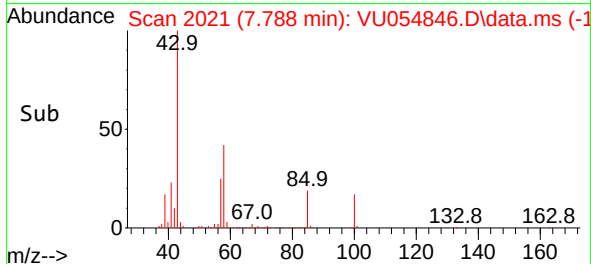
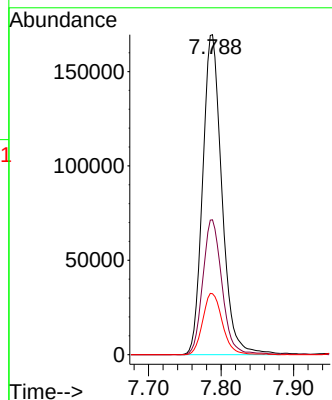
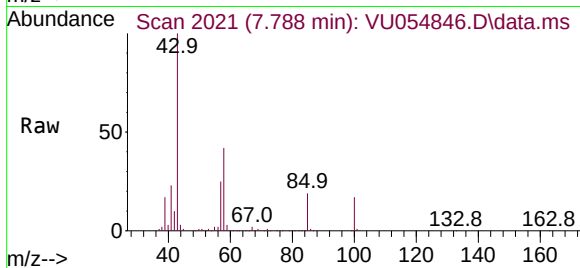
#45
4-Methyl-2-Pentanone
Concen: 84.299 ug/l
RT: 7.788 min Scan# 2021
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

Tgt Ion: 43 Resp: 312390
Ion Ratio Lower Upper
43 100
58 42.3 21.3 63.7
85 19.6 15.3 22.9

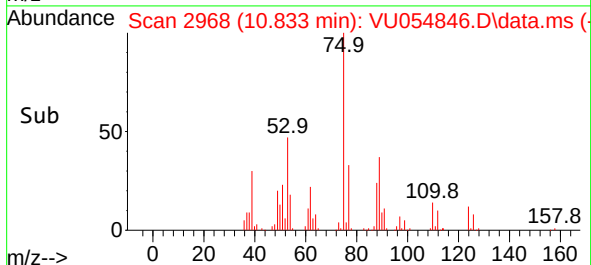
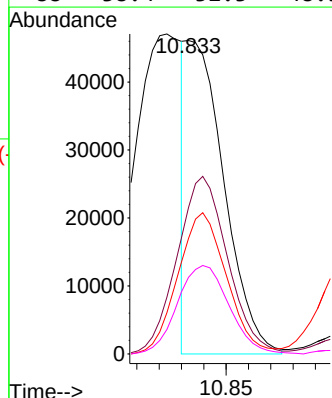
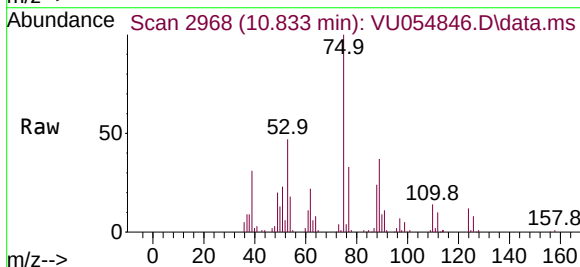
Manual Integrations
APPROVED

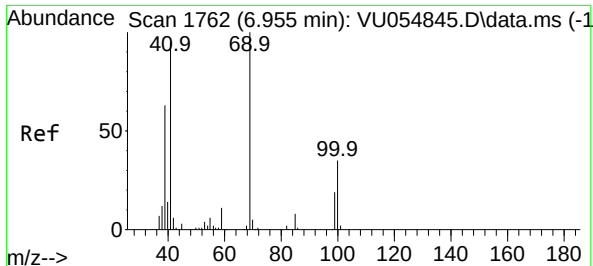
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#46
t-1,4-Dichloro-2-butene
Concen: 34.983 ug/l m
RT: 10.833 min Scan# 2968
Delta R.T. 0.003 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

Tgt Ion: 75 Resp: 54503
Ion Ratio Lower Upper
75 100
53 75.5 62.9 94.3
89 57.7 47.8 71.8
88 38.4 32.3 48.5





#47

Methyl methacrylate

Concen: 33.356 ug/l

RT: 6.955 min Scan# 1762

Delta R.T. 0.000 min

Lab File: VU054846.D

Acq: 21 Jul 2023 18:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 69 Resp: 98110

Ion Ratio Lower Upper

69 100

41 100.0 0.0 193.0

39 67.1 50.4 75.6

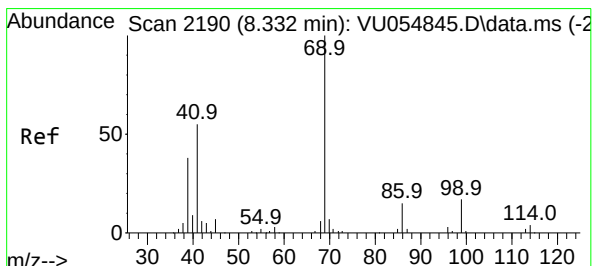
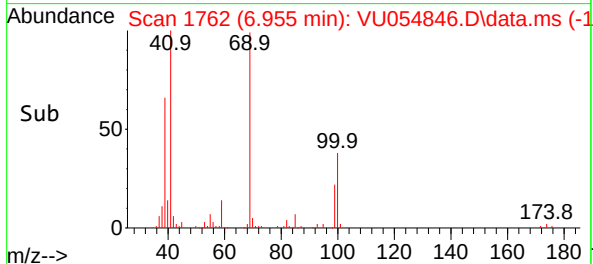
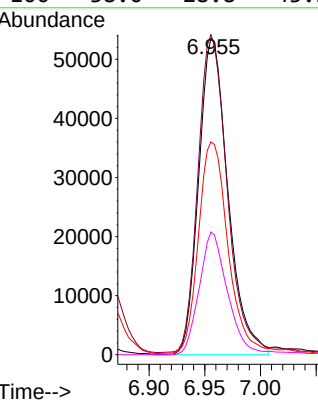
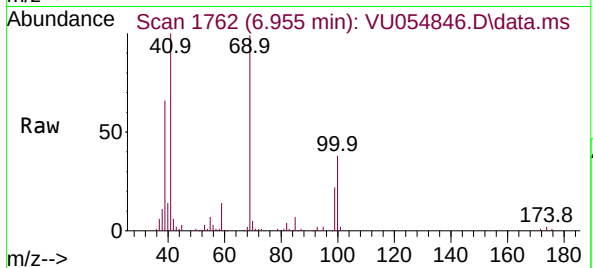
100 38.0 28.8 43.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#48

Ethyl methacrylate

Concen: 16.971 ug/l

RT: 8.328 min Scan# 2189

Delta R.T. -0.003 min

Lab File: VU054846.D

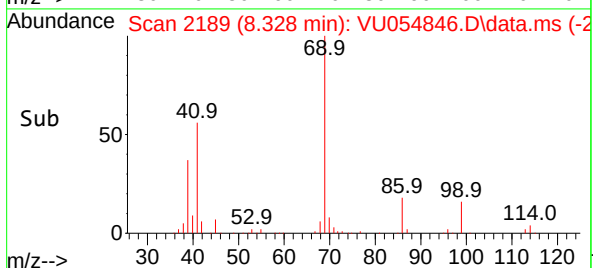
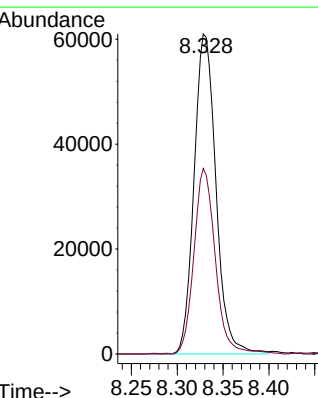
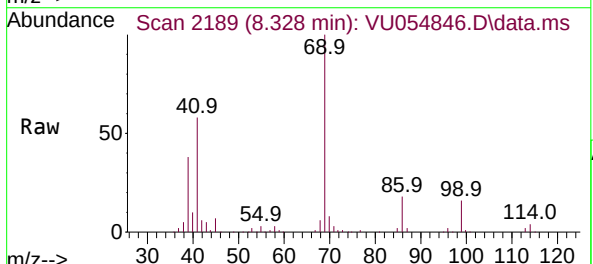
Acq: 21 Jul 2023 18:57

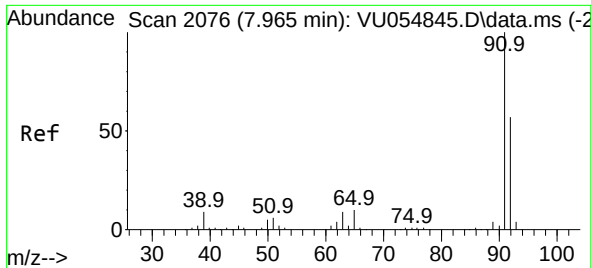
Tgt Ion: 69 Resp: 101417

Ion Ratio Lower Upper

69 100

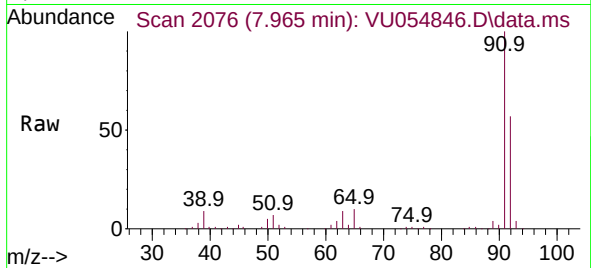
41 56.7 28.8 86.5





#49
Toluene
Concen: 16.866 ug/l
RT: 7.965 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

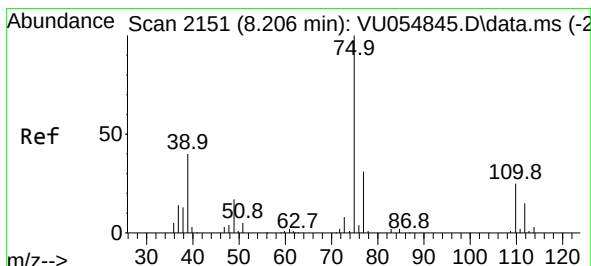
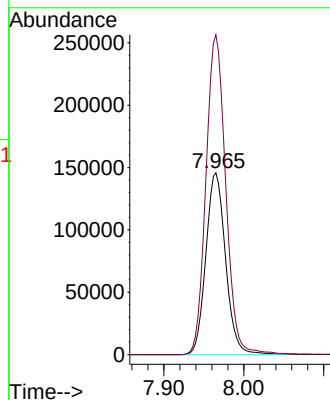
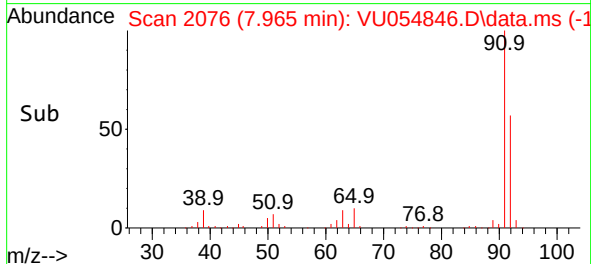
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



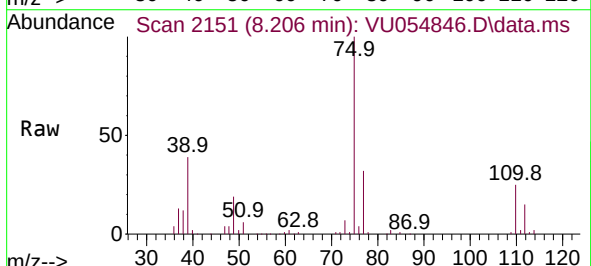
Tgt Ion: 92 Resp: 250935
Ion Ratio Lower Upper
92 100
91 176.2 142.9 214.3

Manual Integrations
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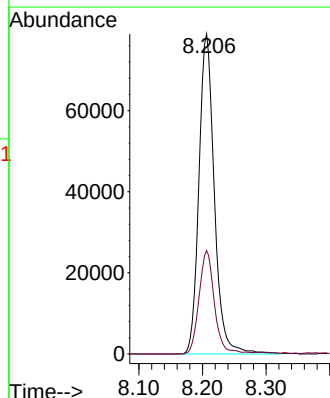
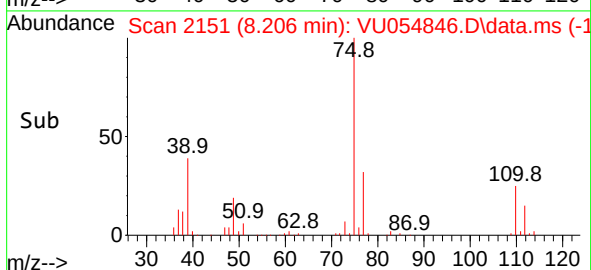
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

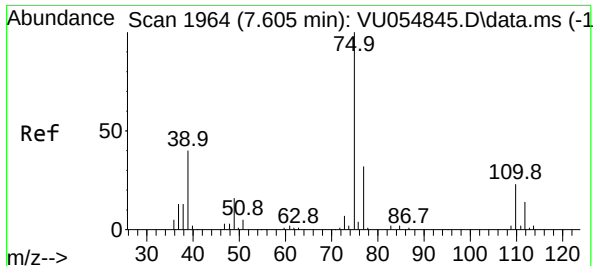


#50
t-1,3-Dichloropropene
Concen: 17.435 ug/l
RT: 8.206 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57



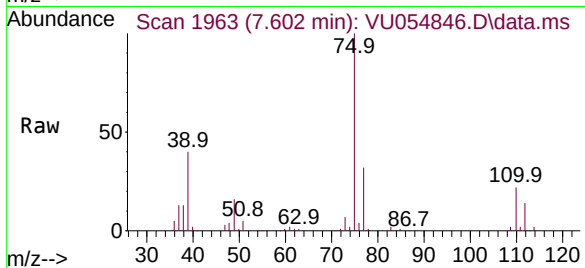
Tgt Ion: 75 Resp: 132579
Ion Ratio Lower Upper
75 100
77 32.3 24.9 37.3





#51
 cis-1,3-Dichloropropene
 Concen: 17.324 ug/l
 RT: 7.602 min Scan# 1964
 Delta R.T. -0.003 min
 Lab File: VU054846.D
 Acq: 21 Jul 2023 18:57

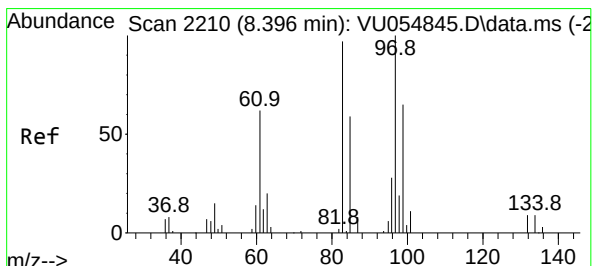
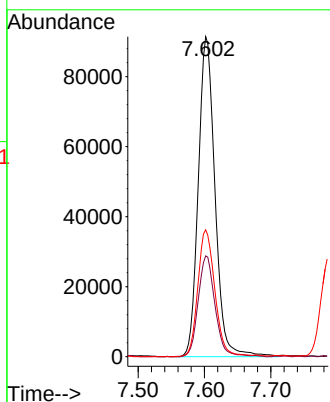
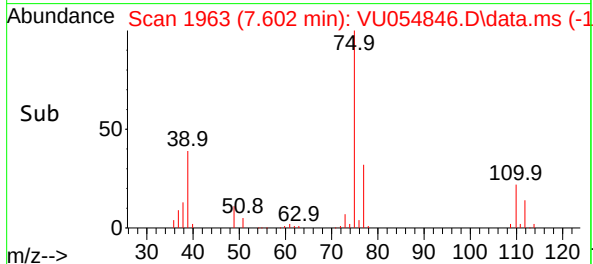
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015



Tgt Ion: 75 Resp: 16018
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.8 38.8
 39 39.5 31.7 47.5

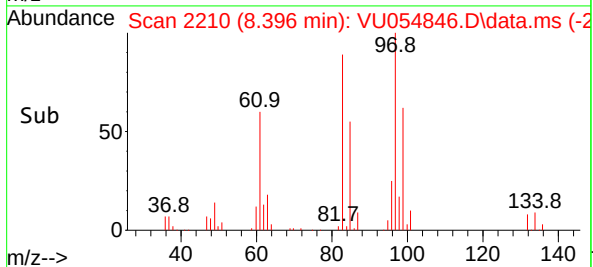
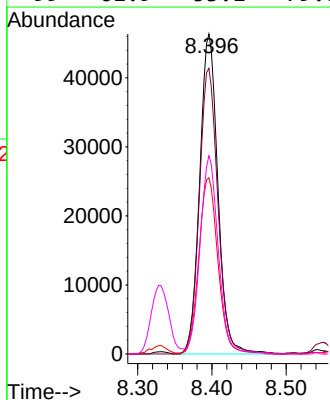
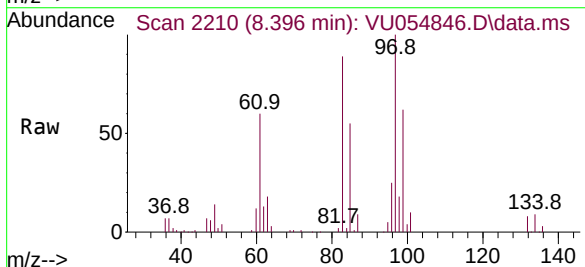
Manual Integrations
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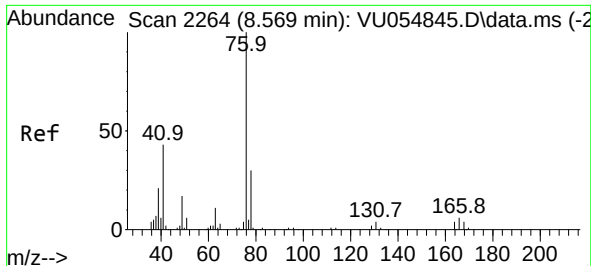
Reviewed By :Semsettin Yesilyurt 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#52
 1,1,2-Trichloroethane
 Concen: 16.708 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VU054846.D
 Acq: 21 Jul 2023 18:57

Tgt Ion: 97 Resp: 78934
 Ion Ratio Lower Upper
 97 100
 83 89.3 77.4 116.2
 85 55.1 47.8 71.8
 99 61.9 53.1 79.7





#53

1,3-Dichloropropane

Concen: 16.746 ug/l

RT: 8.570 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054846.D

Acq: 21 Jul 2023 18:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 76 Resp: 13333

Ion Ratio Lower Upper

76 100

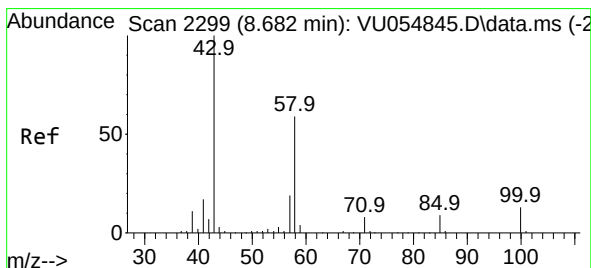
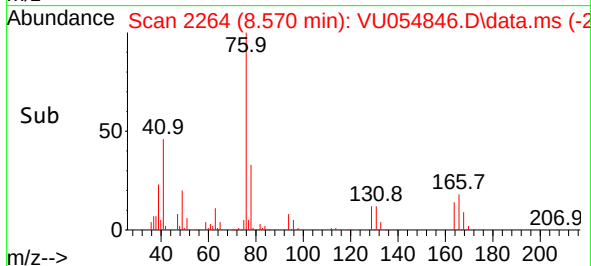
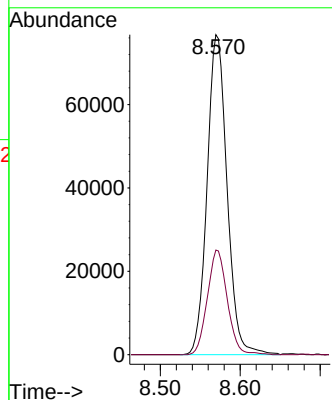
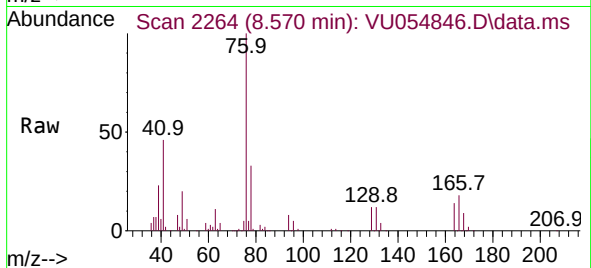
78 32.6 24.6 36.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#54

2-Hexanone

Concen: 83.841 ug/l

RT: 8.682 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VU054846.D

Acq: 21 Jul 2023 18:57

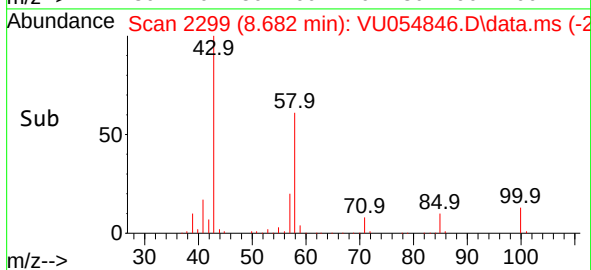
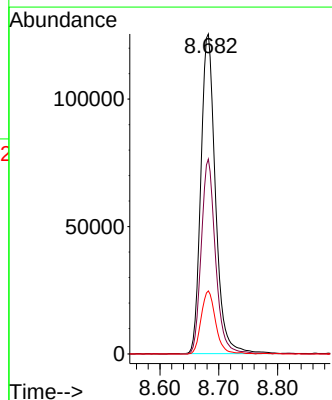
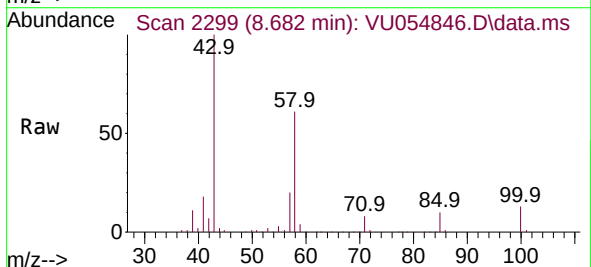
Tgt Ion: 43 Resp: 216609

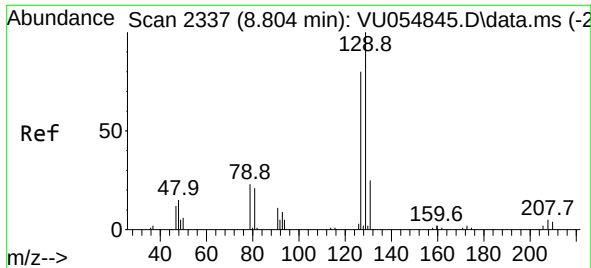
Ion Ratio Lower Upper

43 100

58 59.5 38.9 78.9

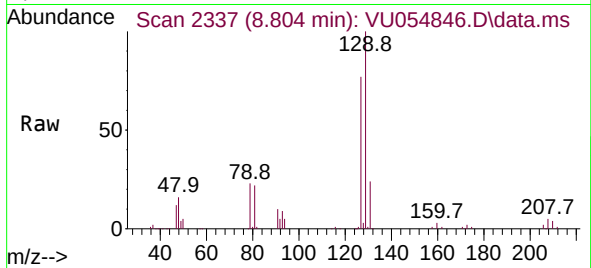
57 19.4 0.0 38.7





#55
Dibromochloromethane
Concen: 17.081 ug/l
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

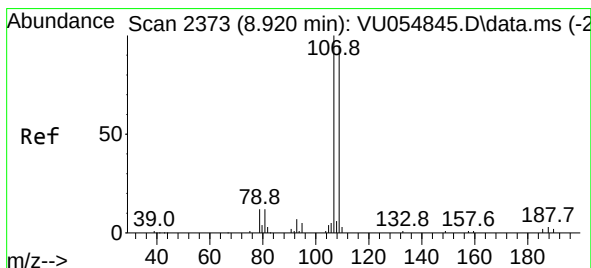
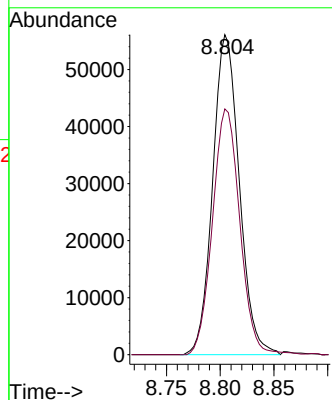
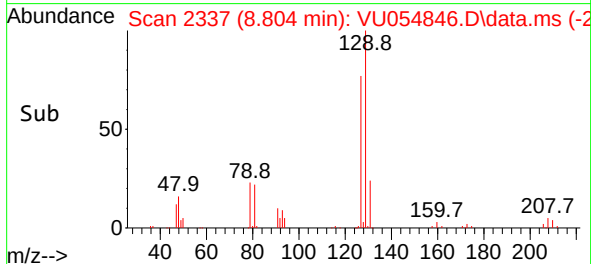
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



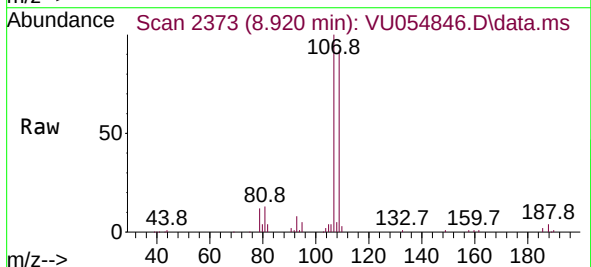
Tgt Ion:129 Resp: 96415
Ion Ratio Lower Upper
129 100
127 79.0 61.4 92.0

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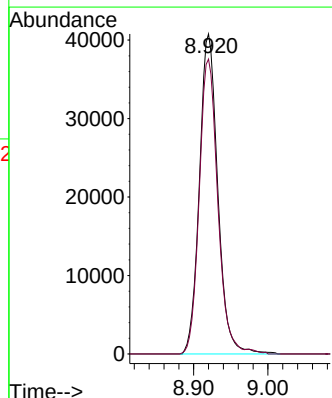
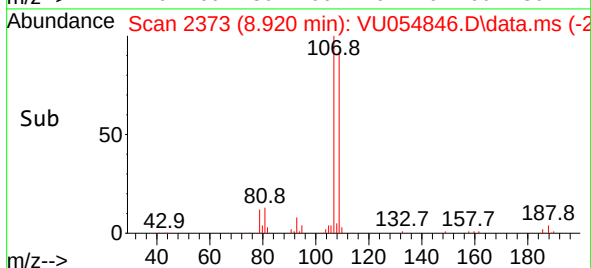
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

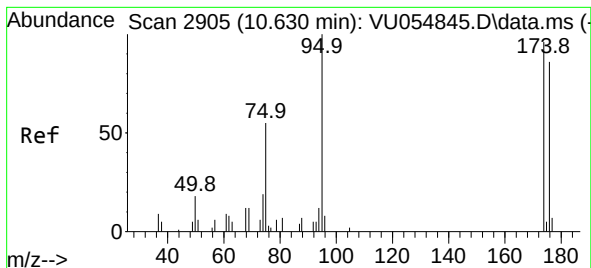


#56
1,2-Dibromoethane
Concen: 17.016 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57



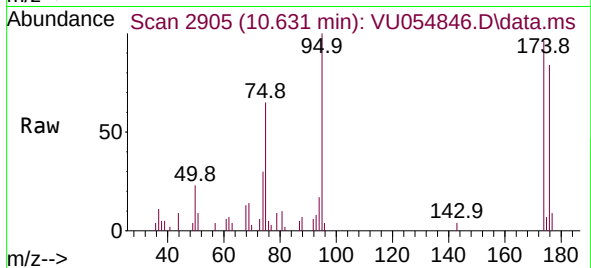
Tgt Ion:107 Resp: 70312
Ion Ratio Lower Upper
107 100
109 92.3 0.0 185.4





#57
4-Bromofluorobenzene
Concen: 0.978 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

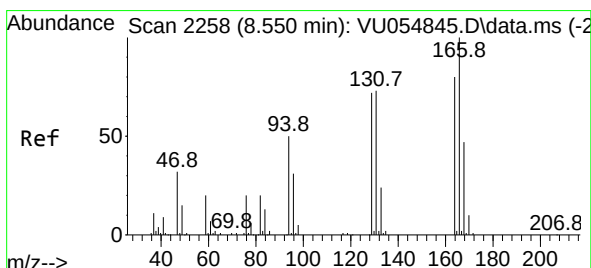
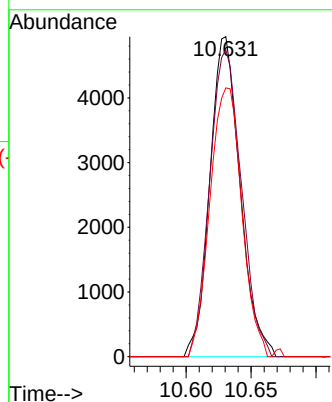
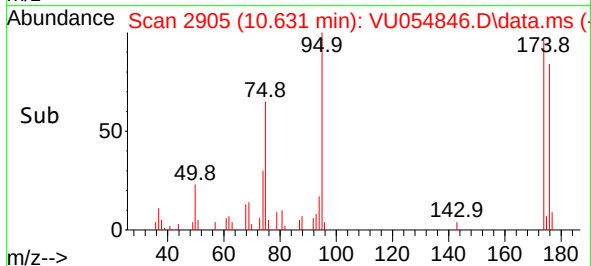
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



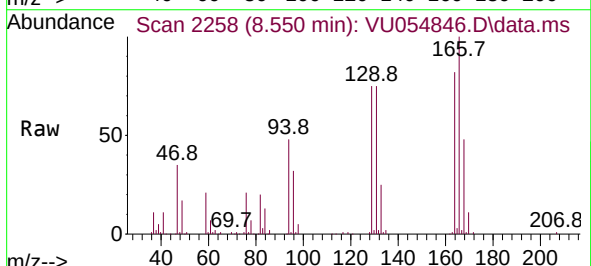
Tgt Ion: 95 Resp: 7979
Ion Ratio Lower Upper
95 100
174 100.7 79.3 118.9
176 88.7 71.5 107.3

Manual Integrations
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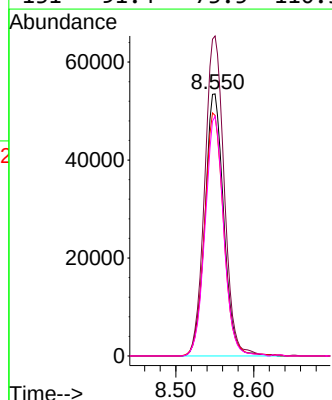
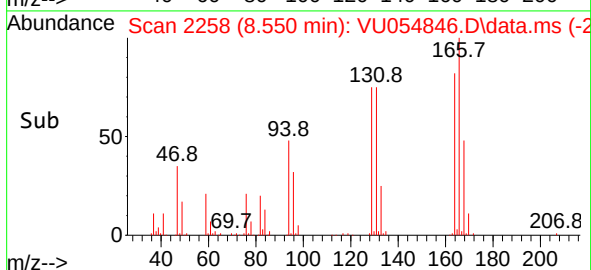
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

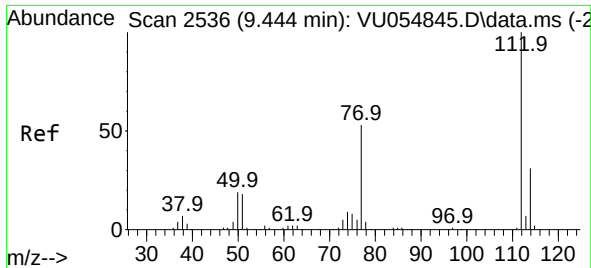


#58
Tetrachloroethene
Concen: 16.371 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57



Tgt Ion:164 Resp: 89899
Ion Ratio Lower Upper
164 100
166 122.1 100.4 150.6
129 91.8 71.9 107.9
131 91.4 73.5 110.3





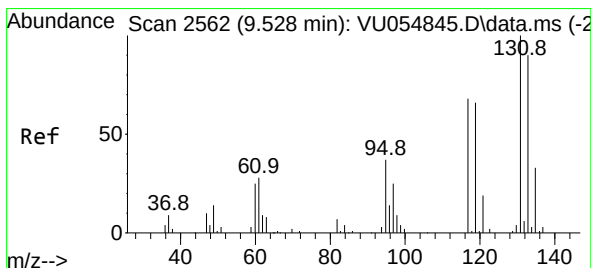
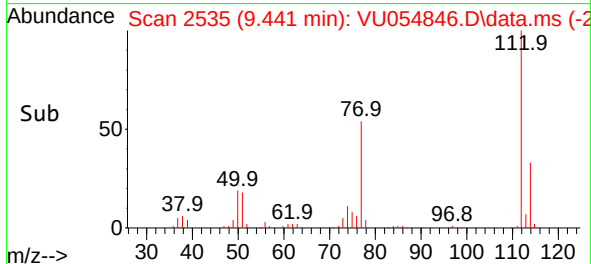
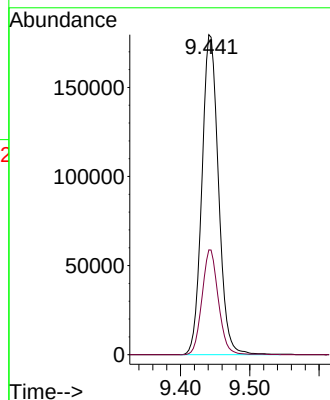
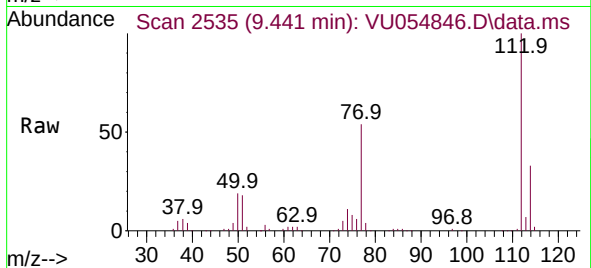
#59
Chlorobenzene
Concen: 16.841 ug/l
RT: 9.441 min Scan# 2536
Delta R.T. -0.003 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:112 Resp: 29867
Ion Ratio Lower Upper
112 100
114 32.8 25.0 37.6

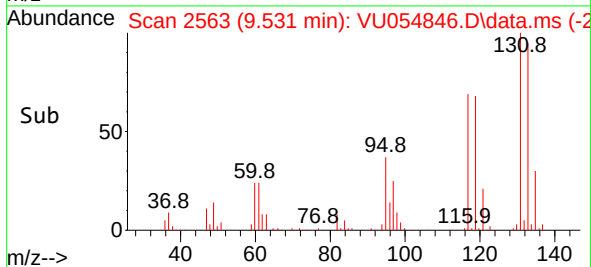
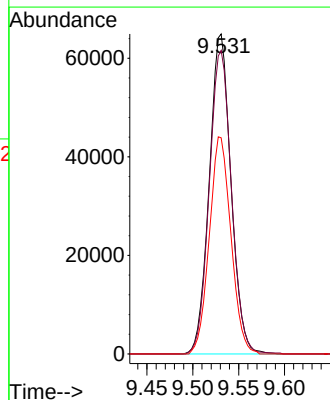
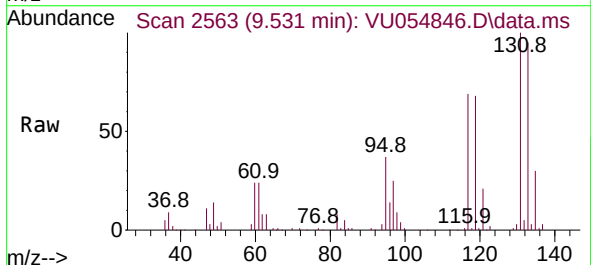
Manual Integrations
APPROVED

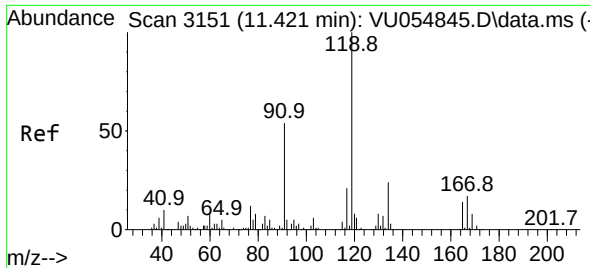
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 17.062 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. 0.003 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

Tgt Ion:131 Resp: 106819
Ion Ratio Lower Upper
131 100
133 96.8 74.2 111.4
119 67.5 51.0 76.4





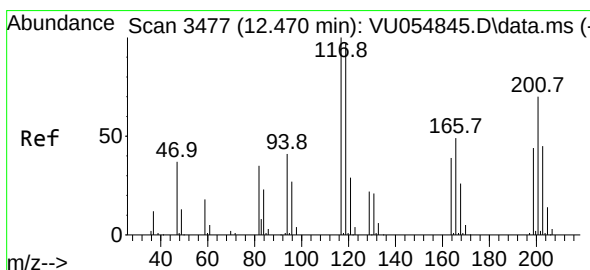
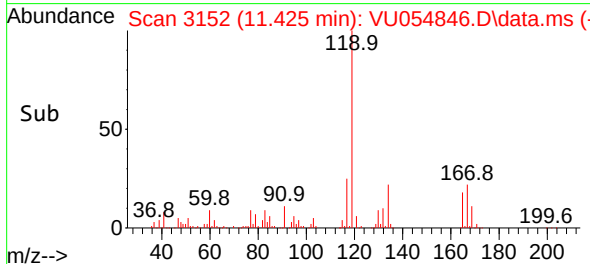
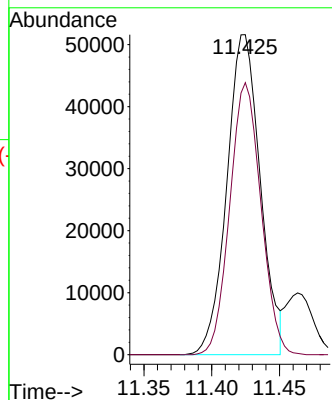
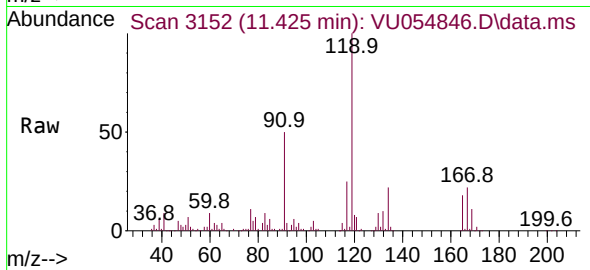
#61
Pentachloroethane
Concen: 17.947 ug/l
RT: 11.425 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:117 Resp: 88459
Ion Ratio Lower Upper
117 100
167 79.2 65.3 97.9

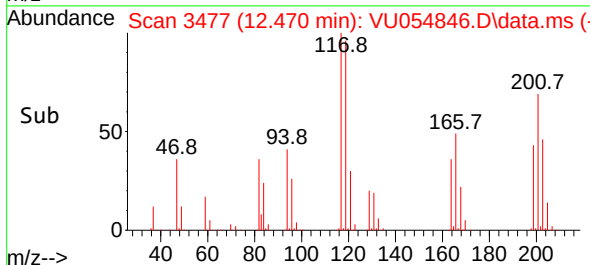
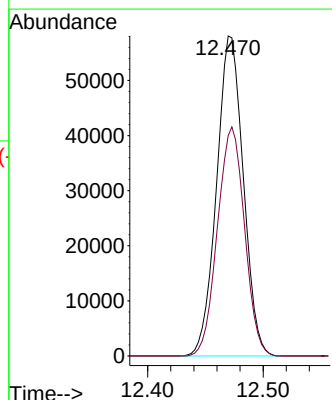
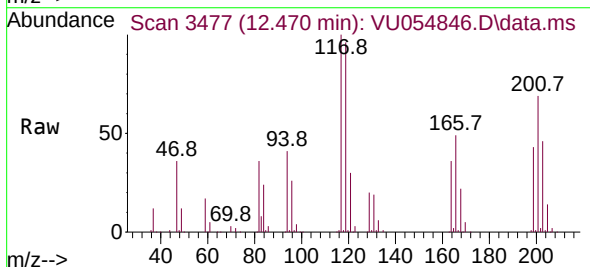
Manual Integrations
APPROVED

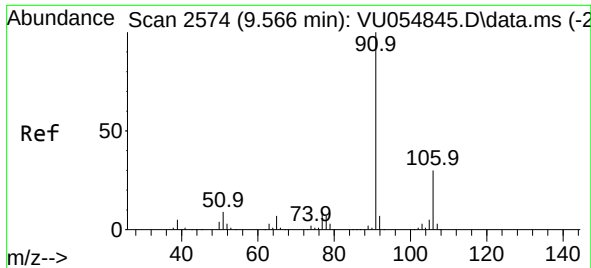
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#62
Hexachloroethane
Concen: 18.469 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

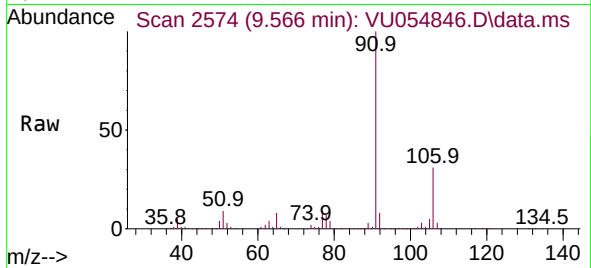
Tgt Ion:117 Resp: 93502
Ion Ratio Lower Upper
117 100
201 72.4 56.1 84.1





#63
Ethyl Benzene
Concen: 16.978 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

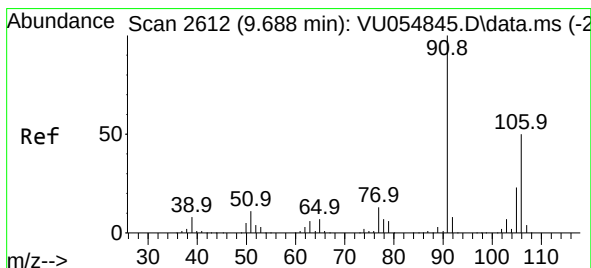
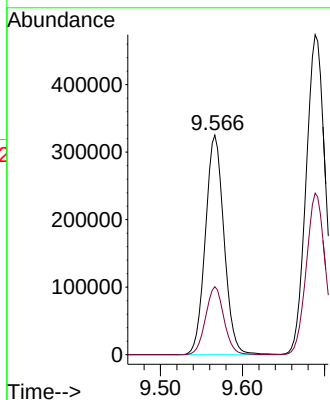
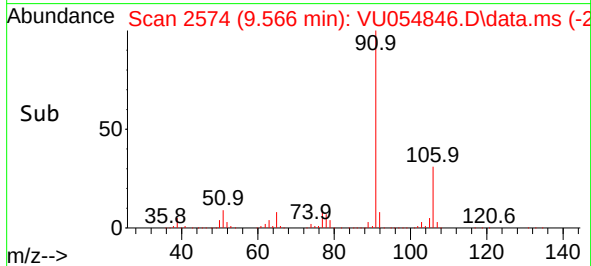
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



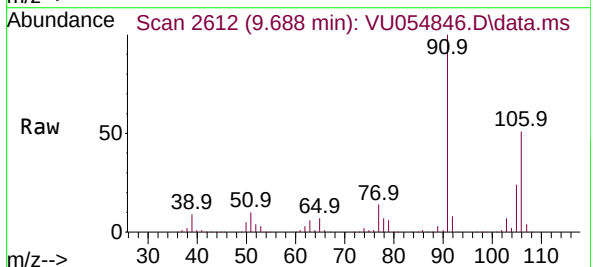
Tgt Ion: 91 Resp: 51328
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.2

Manual Integrations
APPROVED

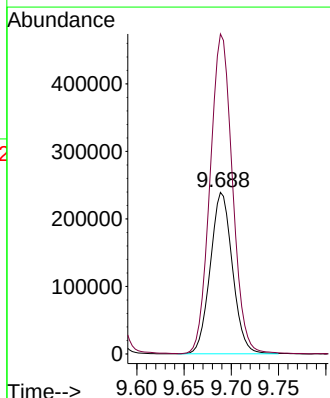
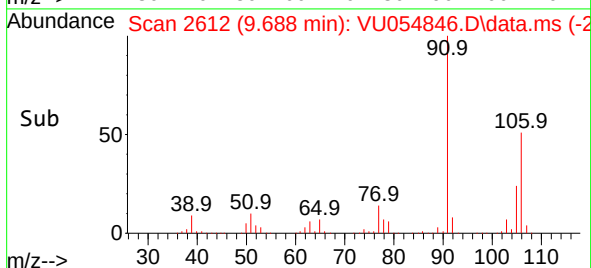
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

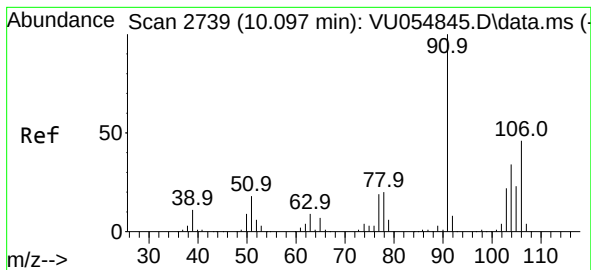


#64
m/p-Xylenes
Concen: 34.070 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57



Tgt Ion:106 Resp: 389433
Ion Ratio Lower Upper
106 100
91 200.9 158.8 238.2





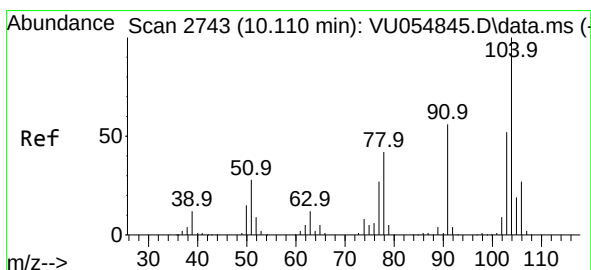
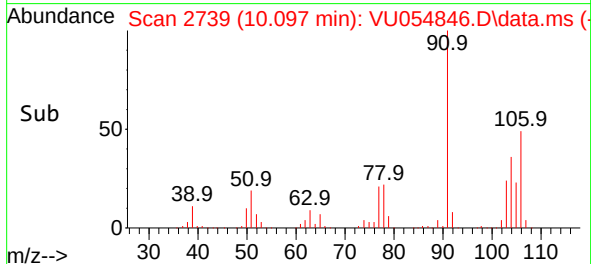
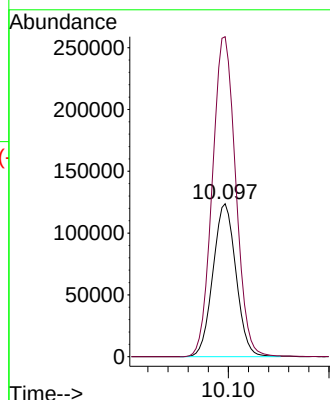
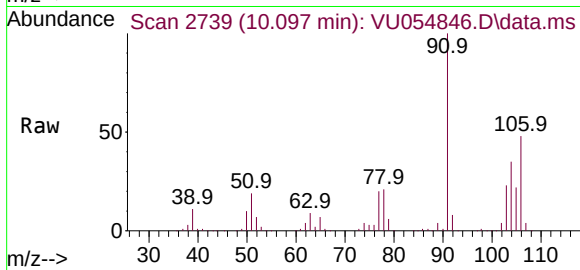
#65
o-Xylene
Concen: 17.079 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:106 Resp: 196640
Ion Ratio Lower Upper
106 100
91 212.9 108.9 326.8

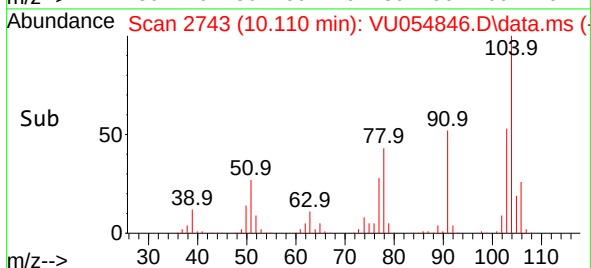
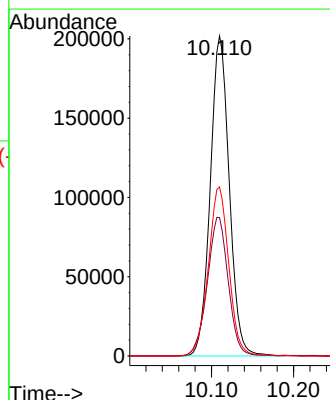
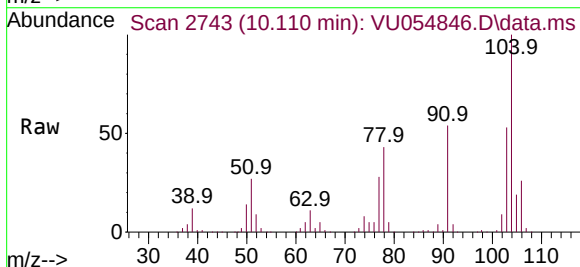
Manual Integrations
APPROVED

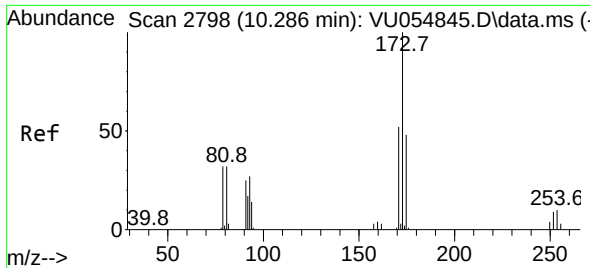
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#66
Styrene
Concen: 17.572 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

Tgt Ion:104 Resp: 325044
Ion Ratio Lower Upper
104 100
78 47.7 37.5 56.3
103 57.0 45.2 67.8





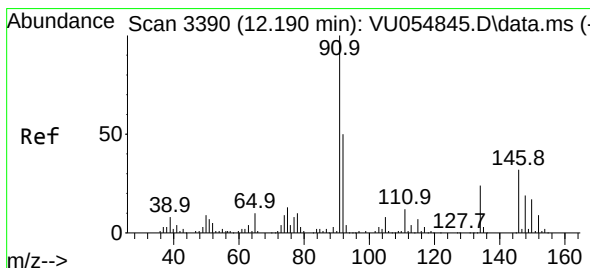
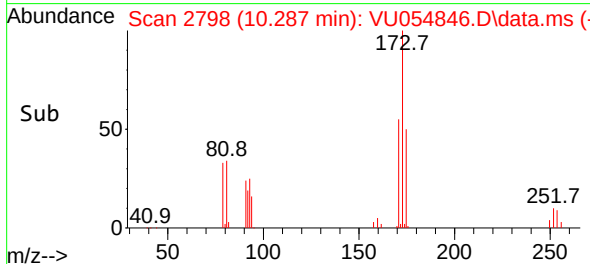
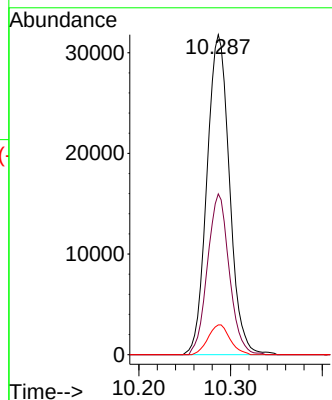
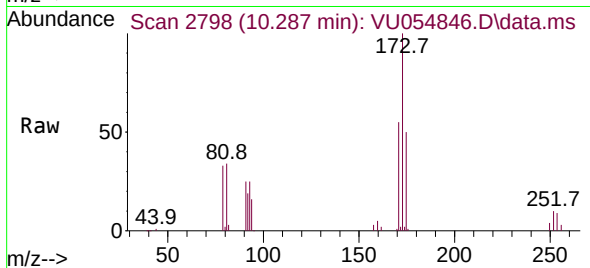
#67
Bromoform
Concen: 17.830 ug/l
RT: 10.287 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:173 Resp: 5423
Ion Ratio Lower Upper
173 100
175 48.4 39.0 58.6
254 9.1 7.4 11.0

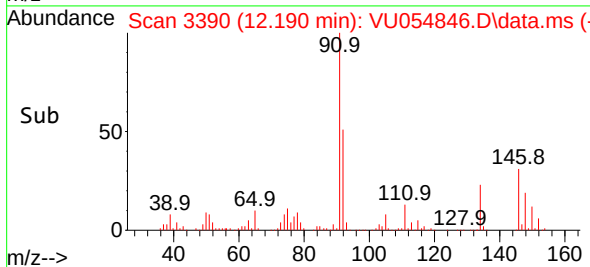
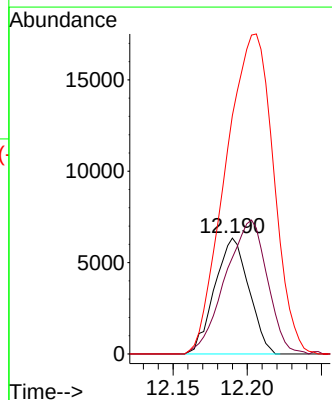
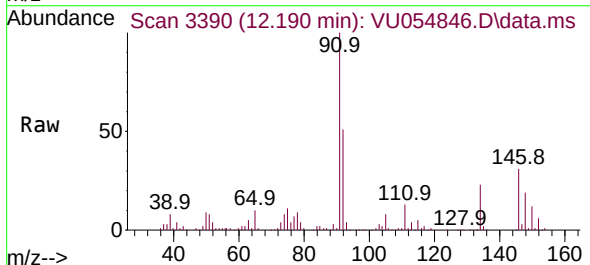
Manual Integrations
APPROVED

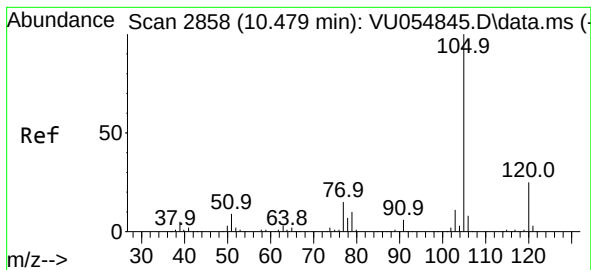
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#68
1,2-Dichlorobenzene-d4
Concen: 1.075 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

Tgt Ion:152 Resp: 10152
Ion Ratio Lower Upper
152 100
115 141.8 0.0 234.8
150 387.2 0.0 598.2





#69

Isopropylbenzene

Concen: 16.902 ug/l

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU054846.D

Acq: 21 Jul 2023 18:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion:105 Resp: 528000

Ion Ratio Lower Upper

105 100

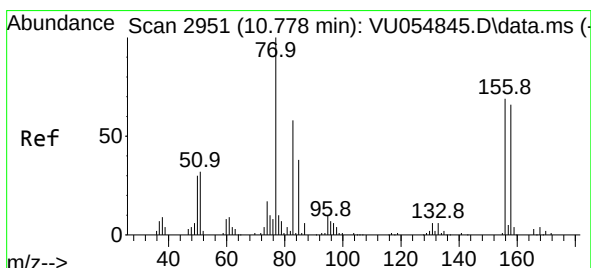
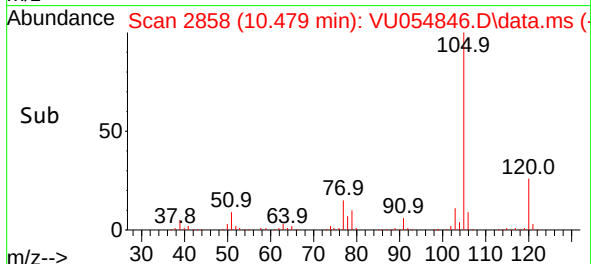
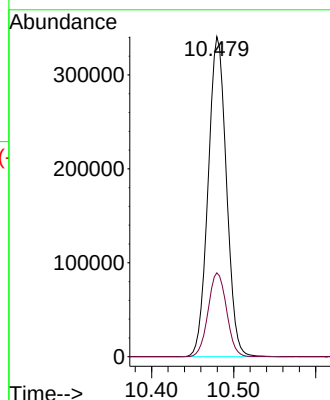
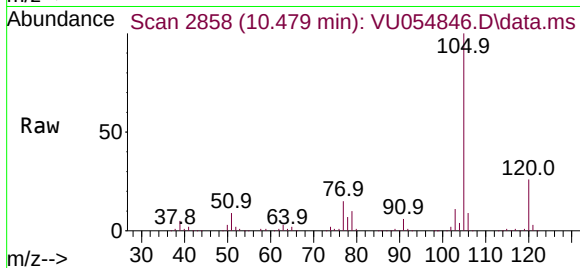
120 26.4 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#70

1,1,2,2-Tetrachloroethane

Concen: 17.476 ug/l

RT: 10.778 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VU054846.D

Acq: 21 Jul 2023 18:57

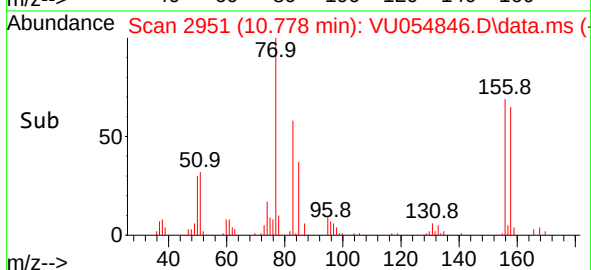
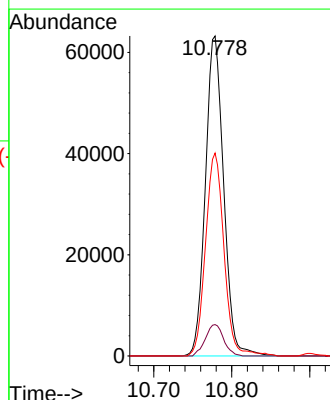
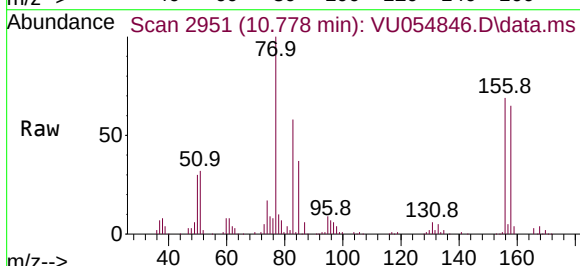
Tgt Ion: 83 Resp: 102949

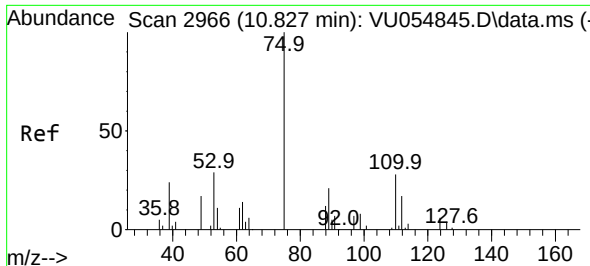
Ion Ratio Lower Upper

83 100

131 9.8 7.5 11.3

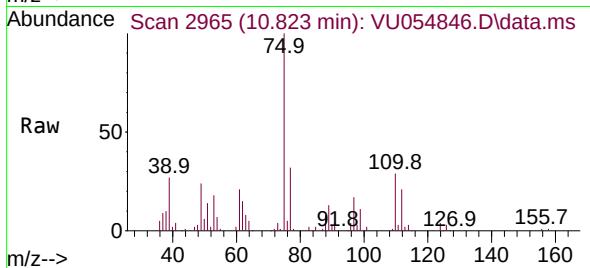
85 64.2 53.0 79.6





#71
1,2,3-Trichloropropane
Concen: 18.055 ug/l m
RT: 10.823 min Scan# 2966
Delta R.T. -0.003 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

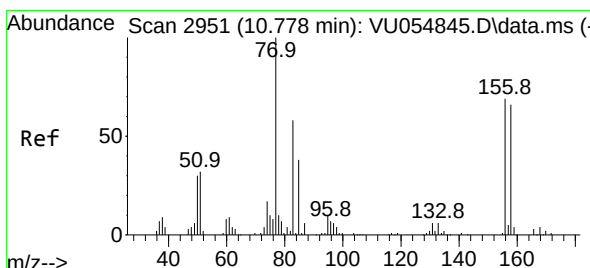
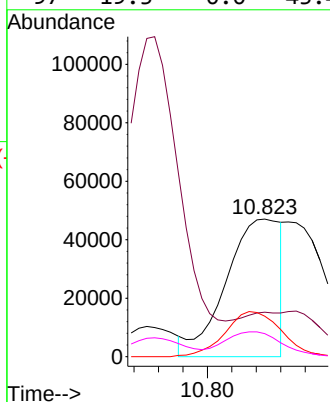
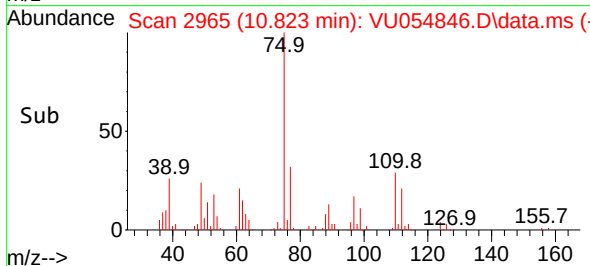
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



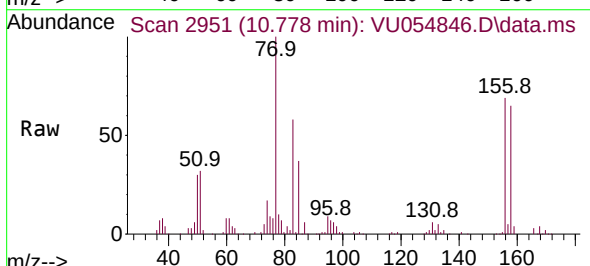
Tgt Ion: 75 Resp: 73080
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 33.9 0.0 80.8
97 19.3 0.0 43.4

Manual Integrations
APPROVED

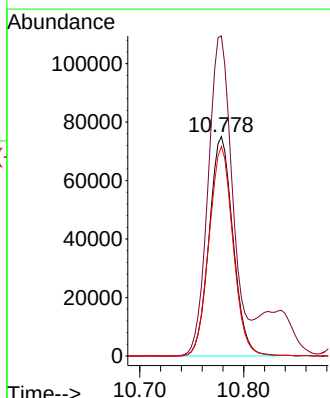
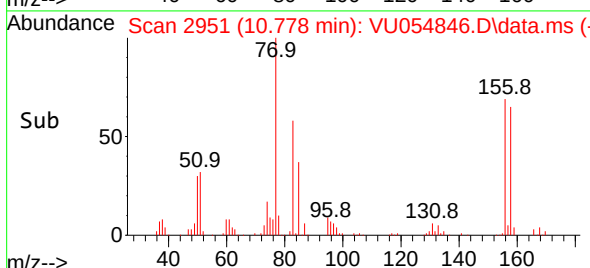
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

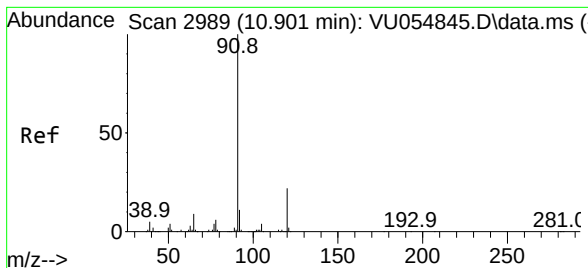


#72
Bromobenzene
Concen: 16.619 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57



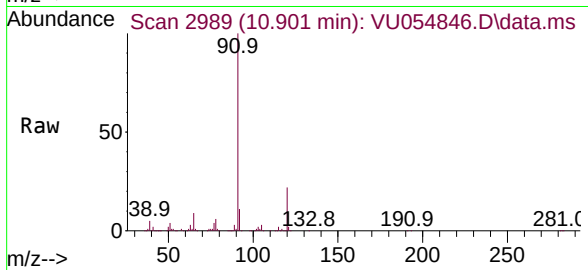
Tgt Ion:156 Resp: 119769
Ion Ratio Lower Upper
156 100
77 148.4 0.0 293.2
158 95.9 0.0 189.8





#73
n-propylbenzene
Concen: 17.214 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

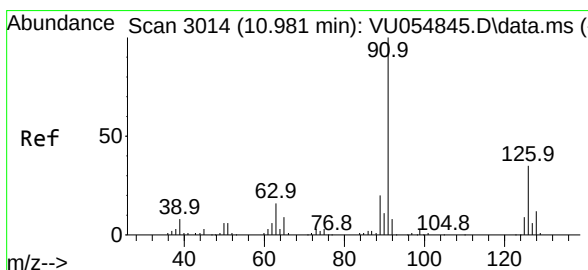
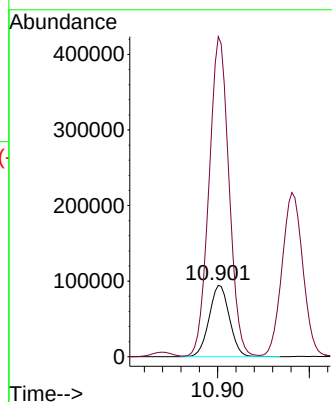
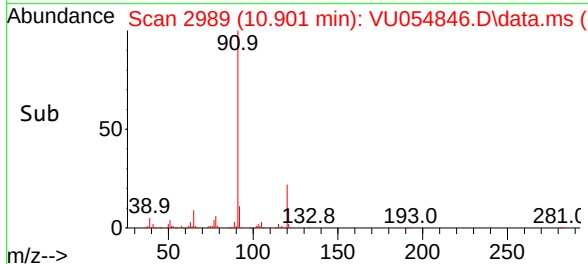
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



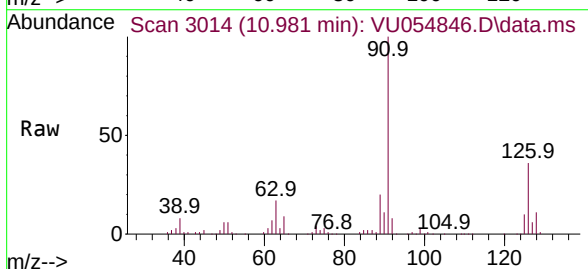
Tgt Ion:120 Resp: 144473
Ion Ratio Lower Upper
120 100
91 441.9 361.8 542.6

Manual Integrations
APPROVED

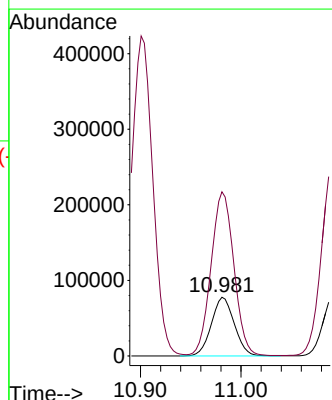
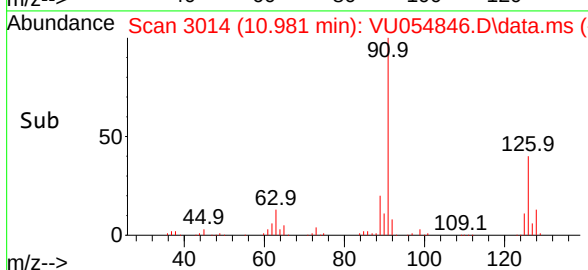
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

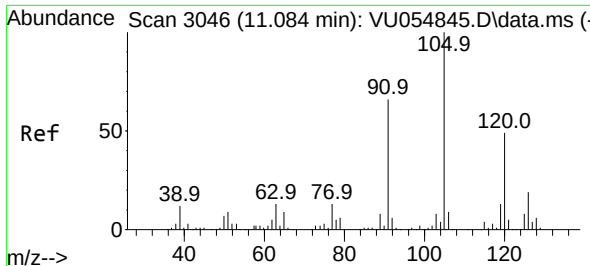


#74
2-Chlorotoluene
Concen: 16.790 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57



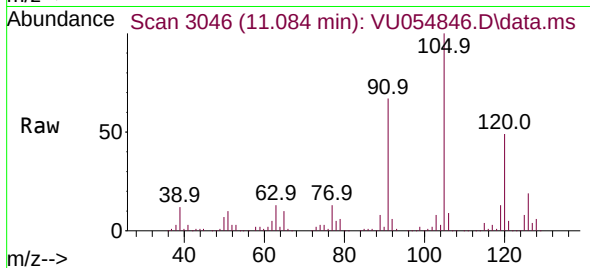
Tgt Ion:126 Resp: 122707
Ion Ratio Lower Upper
126 100
91 277.9 0.0 561.4





#75
1,3,5-Trimethylbenzene
Concen: 17.373 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

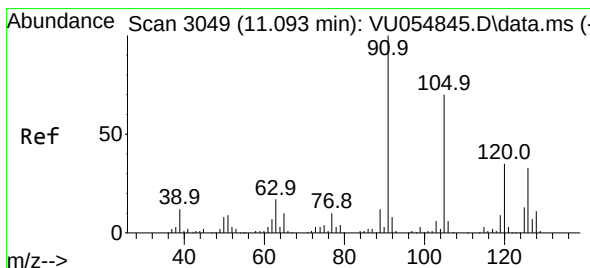
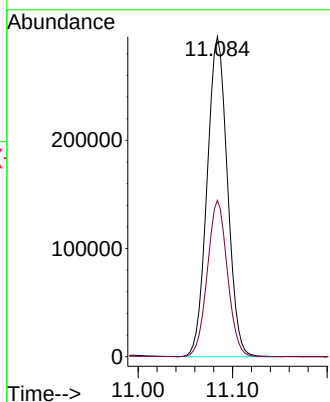
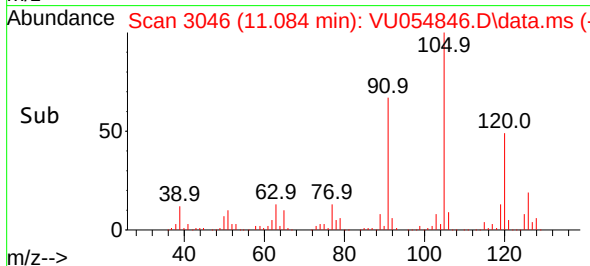
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



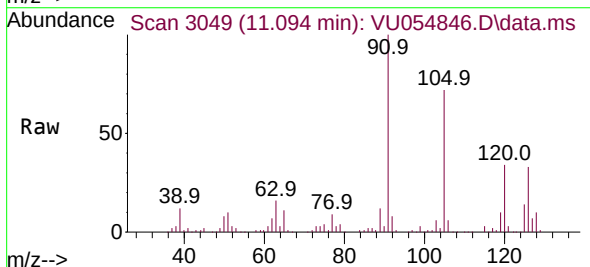
Tgt Ion:105 Resp: 442105
Ion Ratio Lower Upper
105 100
120 48.2 39.0 58.4

Manual Integrations
APPROVED

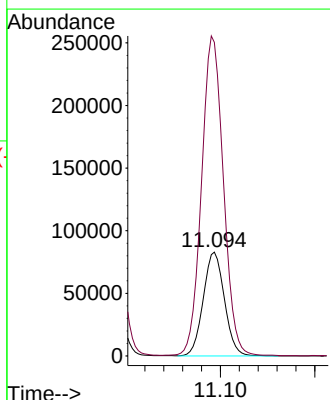
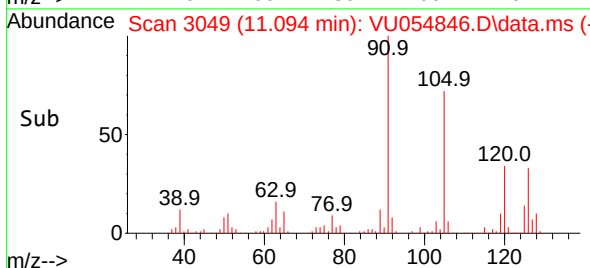
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

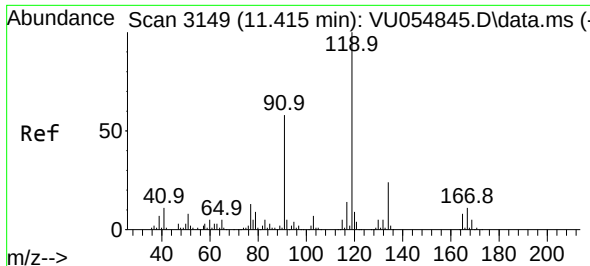


#76
4-Chlorotoluene
Concen: 17.158 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57



Tgt Ion:126 Resp: 128909
Ion Ratio Lower Upper
126 100
91 318.0 0.0 623.4





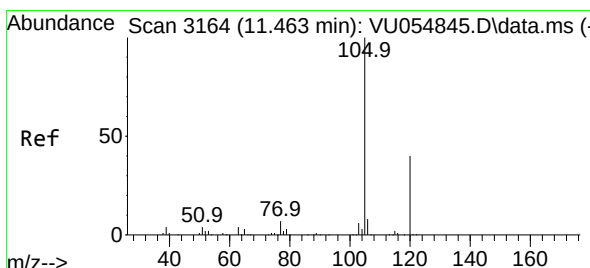
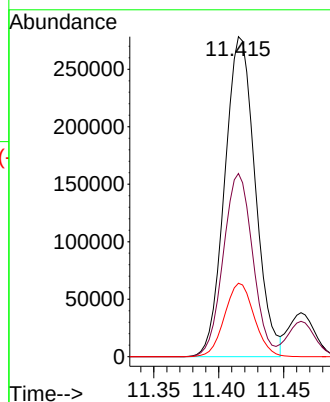
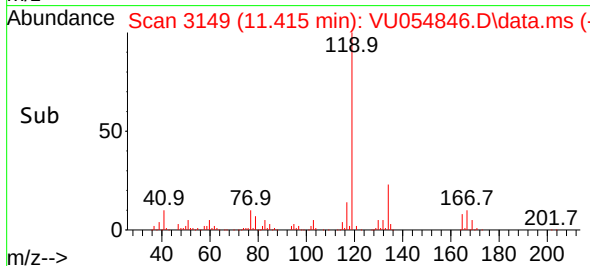
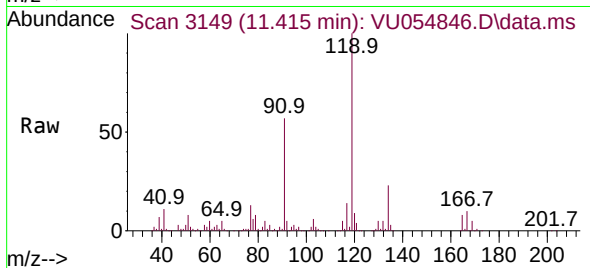
#77
tert-Butylbenzene
Concen: 17.340 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

Tgt Ion:119 Resp: 454444
Ion Ratio Lower Upper
119 100
91 55.3 27.7 83.1
134 22.3 18.6 27.8

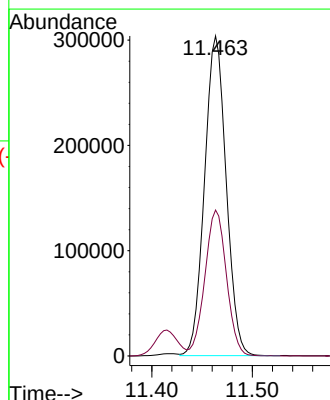
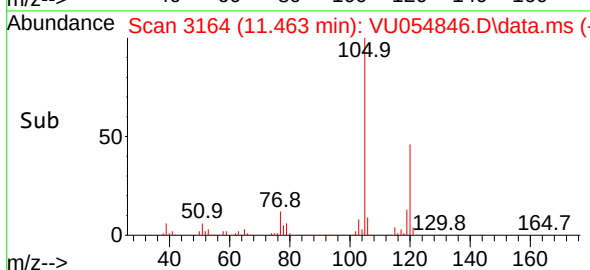
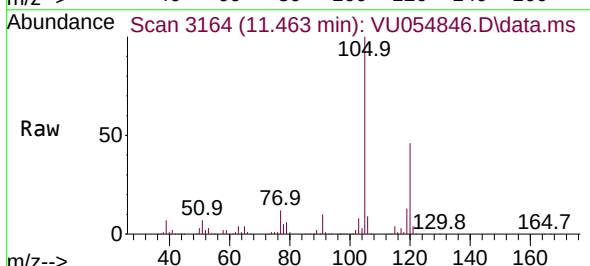
Manual Integrations
APPROVED

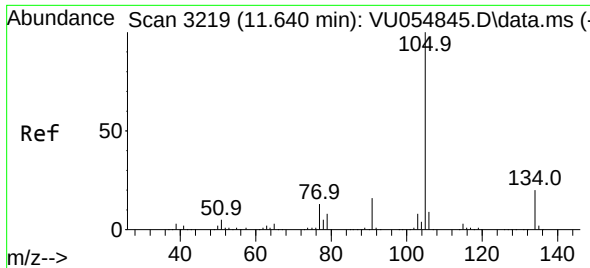
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#78
1,2,4-Trimethylbenzene
Concen: 17.731 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

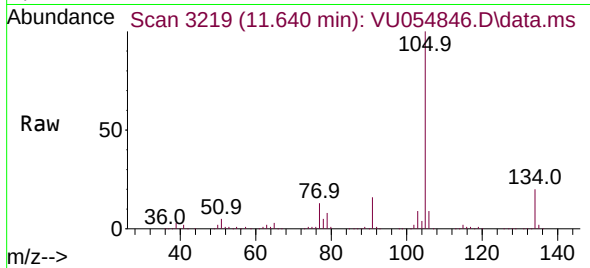
Tgt Ion:105 Resp: 453753
Ion Ratio Lower Upper
105 100
120 45.4 22.4 67.3





#79
 sec-Butylbenzene
 Concen: 17.463 ug/l
 RT: 11.640 min Scan# 3219
 Delta R.T. 0.000 min
 Lab File: VU054846.D
 Acq: 21 Jul 2023 18:57

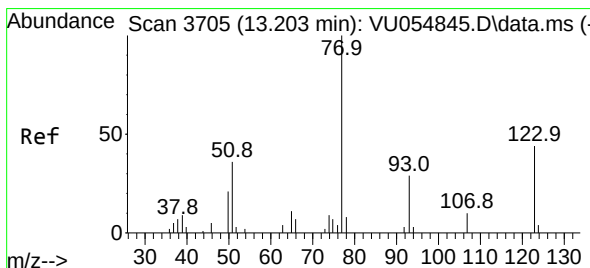
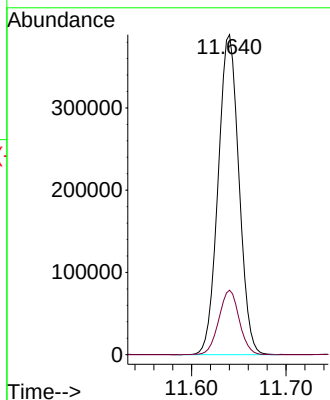
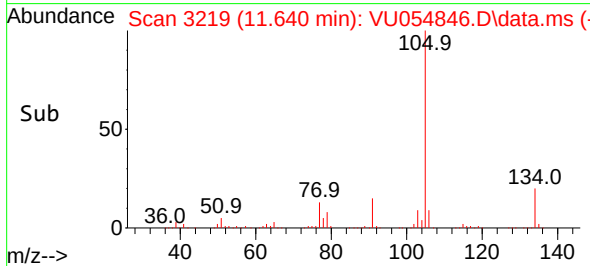
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015



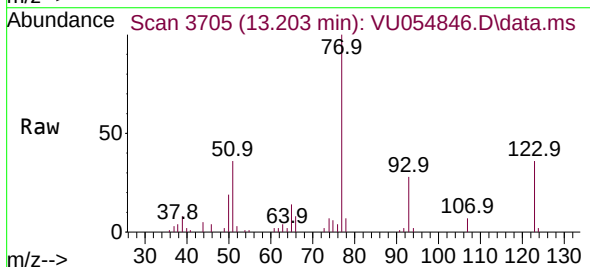
Tgt Ion:105 Resp: 593849
 Ion Ratio Lower Upper
 105 100
 134 19.8 15.7 23.5

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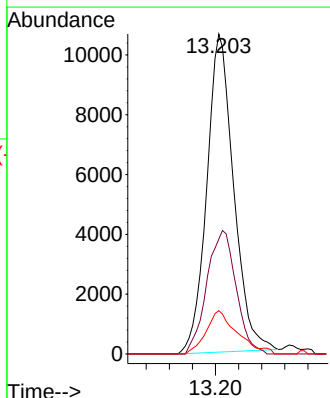
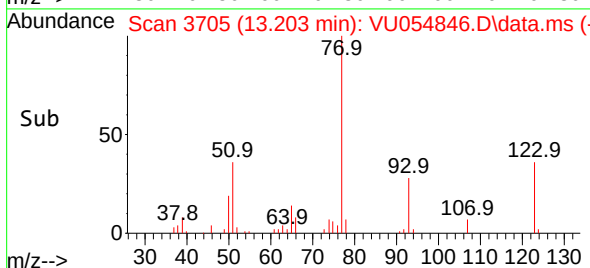
Reviewed By :Semsettin Yesilyurt 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023

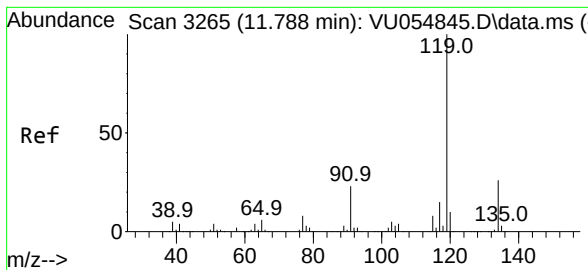


#80
 Nitrobenzene
 Concen: 78.237 ug/l
 RT: 13.203 min Scan# 3705
 Delta R.T. -0.000 min
 Lab File: VU054846.D
 Acq: 21 Jul 2023 18:57



Tgt Ion: 77 Resp: 17183
 Ion Ratio Lower Upper
 77 100
 123 42.2 20.2 71.8
 65 15.7 11.7 14.9#





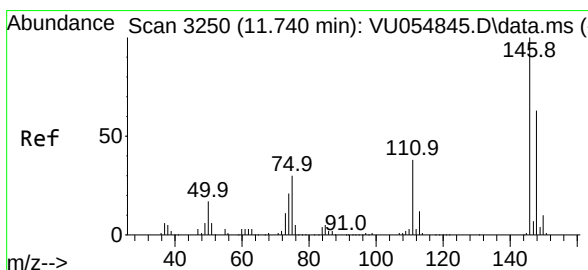
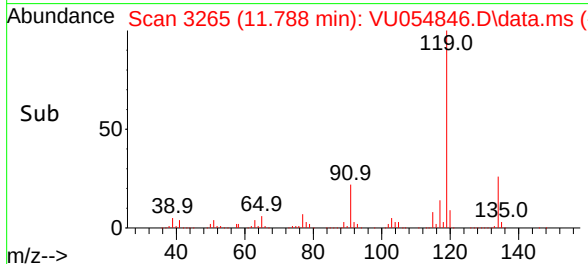
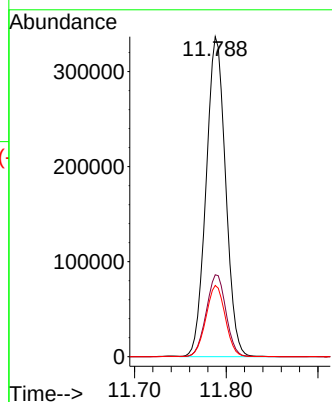
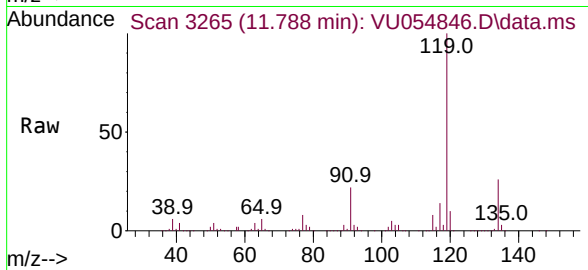
#81
p-Isopropyltoluene
Concen: 17.908 ug/l
RT: 11.788 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

Tgt Ion:119 Resp: 496032
Ion Ratio Lower Upper
119 100
134 25.8 20.6 31.0
91 22.1 18.2 27.4

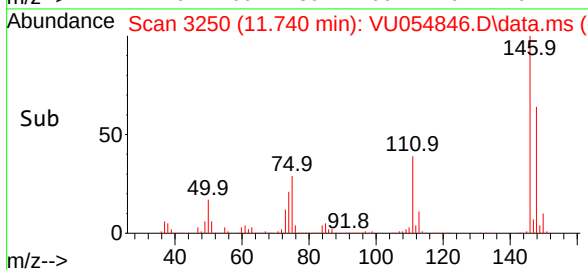
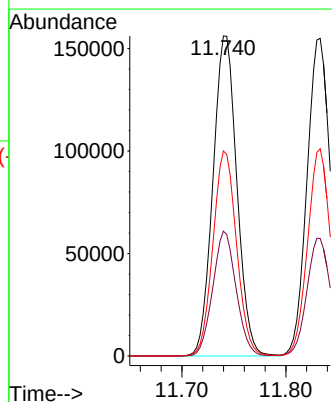
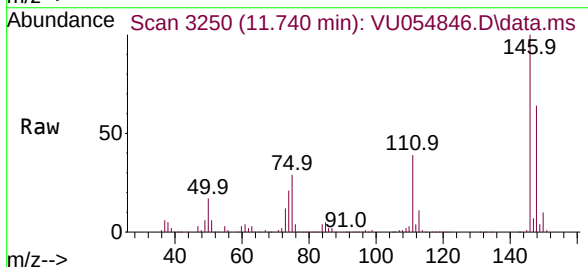
Manual Integrations
APPROVED

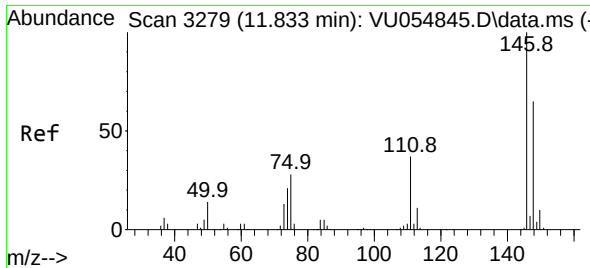
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#82
1,3-Dichlorobenzene
Concen: 17.303 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

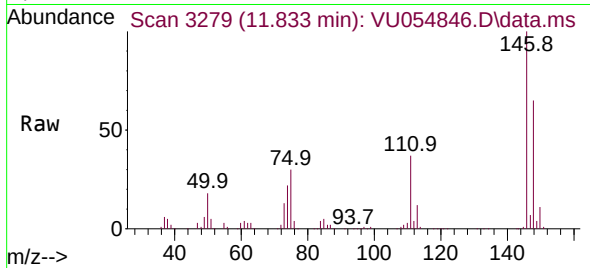
Tgt Ion:146 Resp: 249622
Ion Ratio Lower Upper
146 100
111 38.1 30.5 45.7
148 63.1 51.0 76.6





#83
1,4-Dichlorobenzene
Concen: 16.933 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

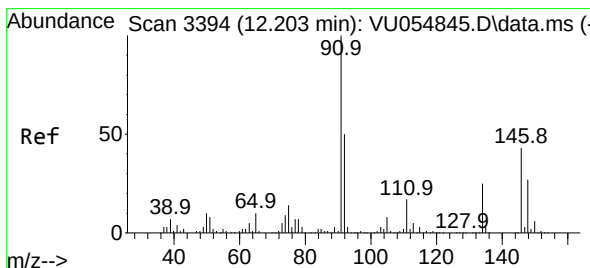
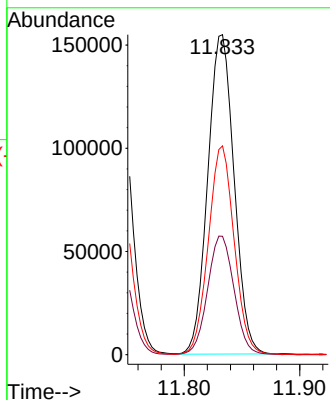
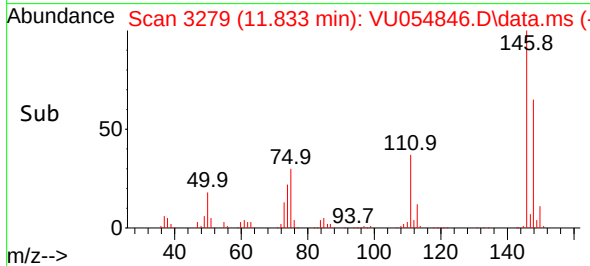
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



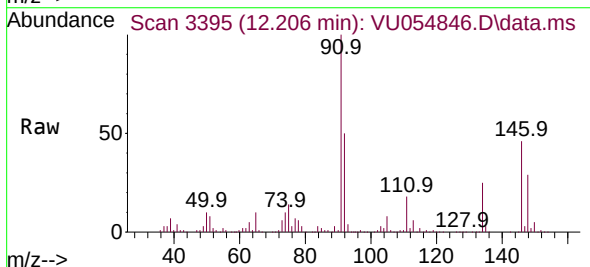
Tgt Ion:146 Resp: 245018
Ion Ratio Lower Upper
146 100
111 36.9 29.5 44.3
148 64.3 51.2 76.8

Manual Integrations
APPROVED

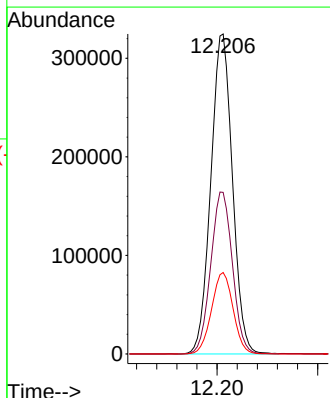
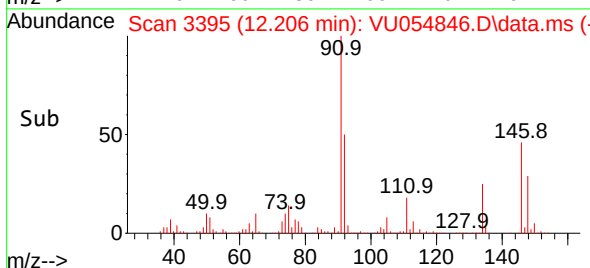
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

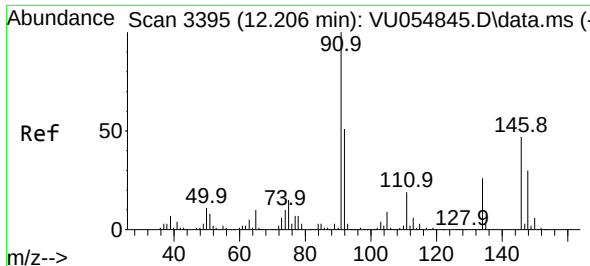


#84
n-Butylbenzene
Concen: 19.016 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57



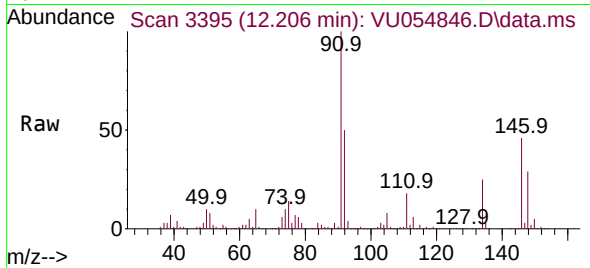
Tgt Ion: 91 Resp: 484621
Ion Ratio Lower Upper
91 100
92 50.8 39.8 59.8
134 25.4 20.2 30.4





#85
1,2-Dichlorobenzene
Concen: 17.294 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

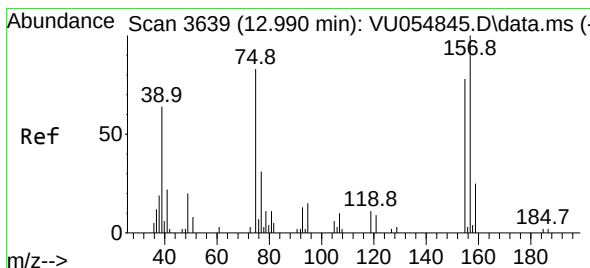
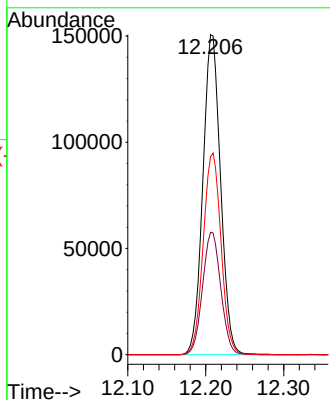
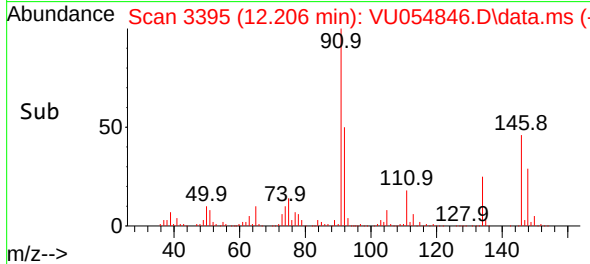
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



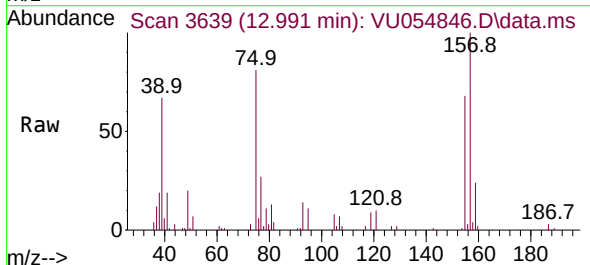
Tgt Ion:146 Resp: 237629
Ion Ratio Lower Upper
146 100
111 39.3 19.8 59.4
148 63.5 31.8 95.3

Manual Integrations
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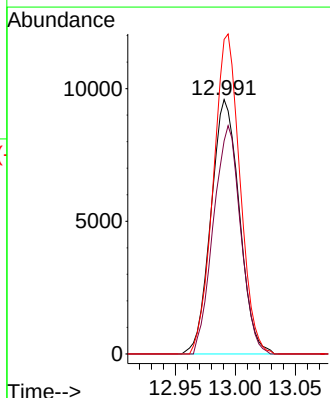
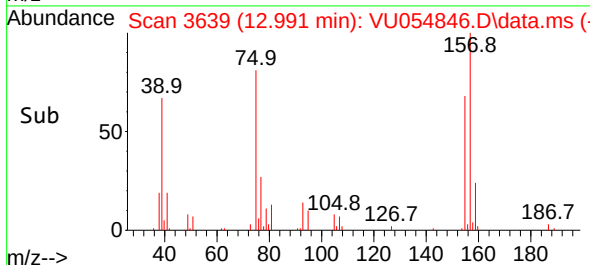
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

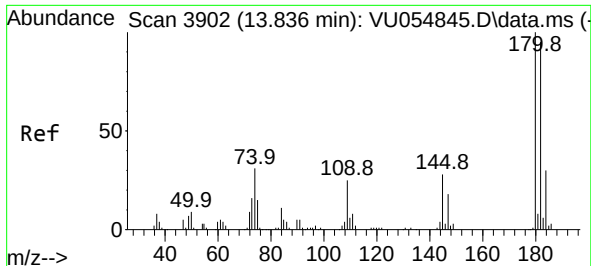


#86
1,2-Dibromo-3-Chloropropane
Concen: 15.058 ug/l
RT: 12.991 min Scan# 3639
Delta R.T. 0.001 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57



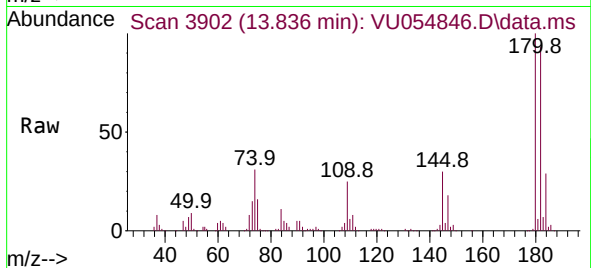
Tgt Ion: 75 Resp: 15763
Ion Ratio Lower Upper
75 100
155 86.0 74.8 112.2
157 118.0 97.4 146.0





#87
1,2,4-Trichlorobenzene
Concen: 18.379 ug/l
RT: 13.836 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

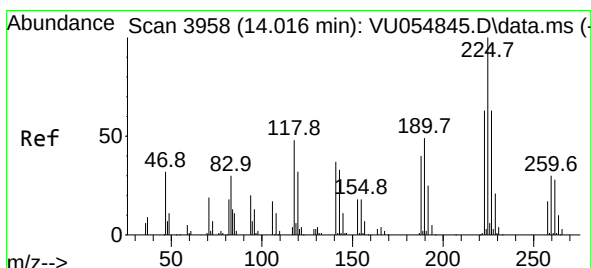
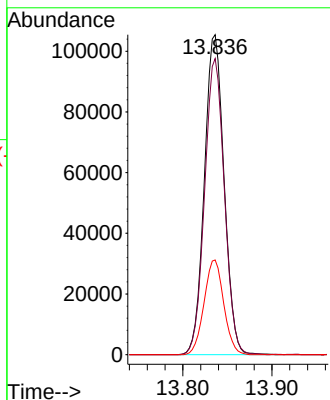
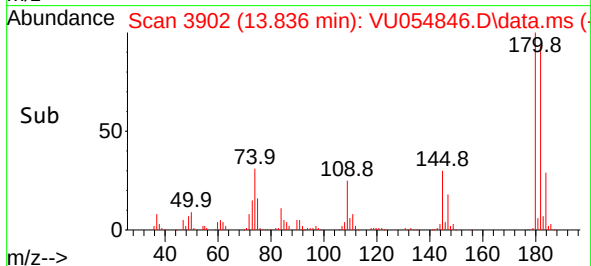
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



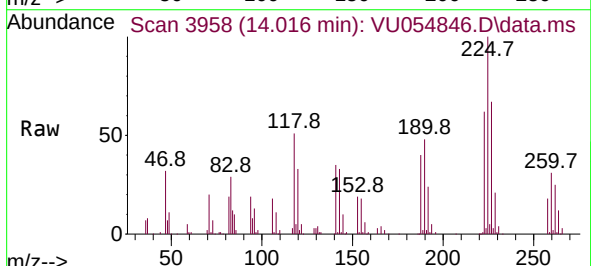
Tgt Ion:180 Resp: 161912
Ion Ratio Lower Upper
180 100
182 92.8 77.0 115.6
145 29.5 23.4 35.0

Manual Integrations
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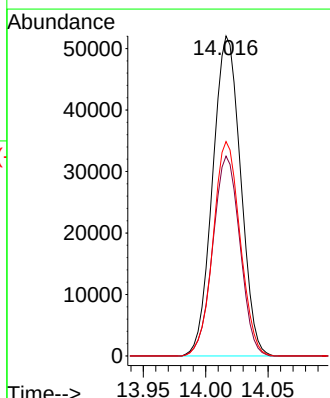
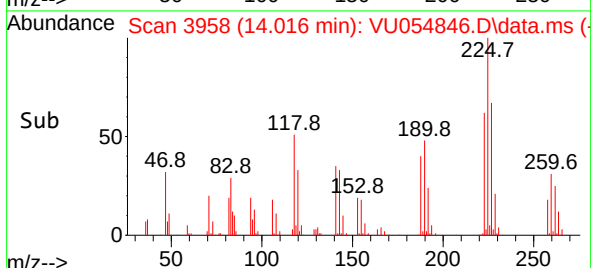
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

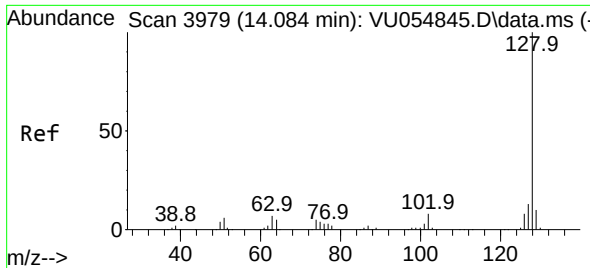


#88
Hexachlorobutadiene
Concen: 17.280 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57



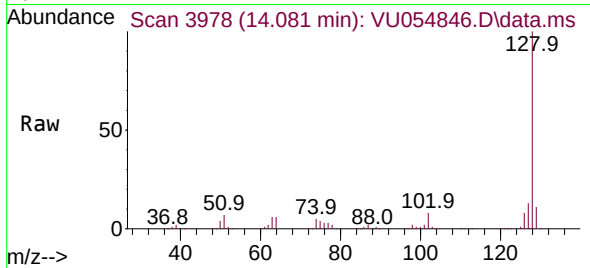
Tgt Ion:225 Resp: 81318
Ion Ratio Lower Upper
225 100
223 60.5 50.6 76.0
227 64.8 50.7 76.1





#89
Naphthalene
Concen: 18.481 ug/l
RT: 14.081 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

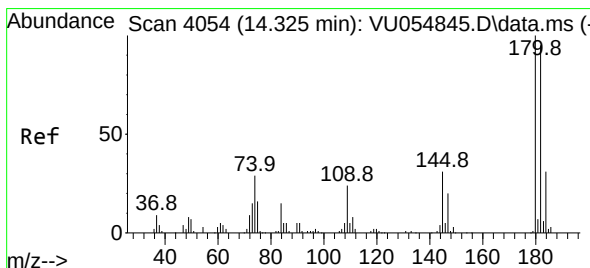
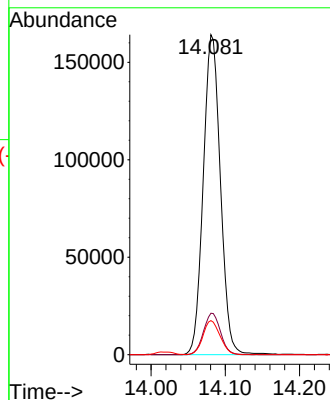
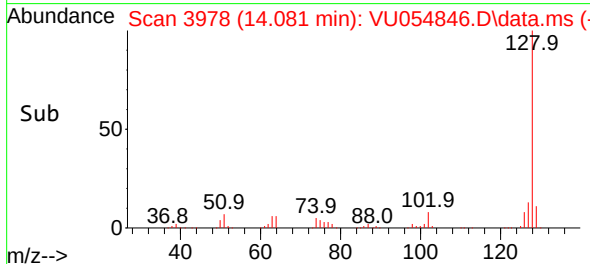
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



Tgt Ion:128 Resp: 263314
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.6 8.7 13.1

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#90
1,2,3-Trichlorobenzene
Concen: 18.691 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU054846.D
Acq: 21 Jul 2023 18:57

Tgt Ion:180 Resp: 142303
Ion Ratio Lower Upper
180 100
182 94.6 76.0 114.0
145 29.6 24.3 36.5

