

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072223\
 Data File : VU054845.D
 Acq On : 21 Jul 2023 18:33
 Operator : MD/SY
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 09:34:37 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	6.110	96	27684	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	8471	1.013	ug/l	0.00
Spiked Amount	1.000		Recovery	=	101.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	9929	1.026	ug/l	0.00
Spiked Amount	1.000		Recovery	=	103.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	55431	10.063	ug/l	100
3) Chloromethane	1.518	50	60105	9.396	ug/l	100
4) Vinyl Chloride	1.602	62	82241	10.014	ug/l	100
5) Bromomethane	1.856	94	57223	9.818	ug/l	100
6) Chloroethane	1.930	64	74414	9.589	ug/l	100
7) Trichlorofluoromethane	2.132	101	210737	10.588	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	58409	10.243	ug/l	100
9) 1,1-Dichloroethene	2.576	96	48644	10.214	ug/l	100
10) Iodomethane	2.718	142	79945	10.421	ug/l	100
11) Allyl Chloride	2.920	41	54981	9.842	ug/l	100
12) Acrylonitrile	3.322	53	23196	20.332	ug/l	100
13) Acetone	2.650	43	43097	42.878	ug/l	99
14) Carbon Disulfide	2.788	76	82442	10.268	ug/l	100
15) Methylene Chloride	3.039	84	67403	9.714	ug/l	100
16) trans-1,2-Dichloroethene	3.348	96	53211	10.055	ug/l	100
17) 1,1-Dichloroethane	3.865	63	113064	10.096	ug/l	100
18) 2-Butanone	4.714	43	74302	52.156	ug/l	100
19) Cyclohexane	5.383	56	63885	8.725	ug/l	87
20) Methylcyclohexane	6.759	83	89309	10.371	ug/l	100
21) 2,2-Dichloropropane	4.660	77	98922	10.127	ug/l	100
22) cis-1,2-Dichloroethene	4.660	96	70001	10.446	ug/l	100
23) Diethyl Ether	2.374	59	73736	10.077	ug/l	100
24) tert-Butyl Alcohol	3.264	59	60974m	89.430	ug/l	
25) Methyl tert-Butyl Ether	3.361	73	149843	10.311	ug/l	100
26) Bromochloromethane	4.972	128	28073	10.990	ug/l	100
27) Chloroform	5.084	83	125972	10.237	ug/l	100
28) 1,1,1-Trichloroethane	5.309	97	108673	10.508	ug/l	100
29) 1,1-Dichloropropene	5.521	75	78253	10.638	ug/l	100
30) Carbon Tetrachloride	5.518	117	89520	10.415	ug/l	100
31) Isopropyl Ether	3.988	45	173456	10.466	ug/l	100
32) Ethyl-t-butyl ether	4.496	59	172156	10.109	ug/l	100
33) Tert-Amyl methyl ether	5.936	73	167352	10.441	ug/l	100
34) Propionitrile	4.795	54	23640m	50.580	ug/l	
35) Benzene	5.769	78	248427	10.393	ug/l	100
36) 1,2-Dichloroethane	5.791	62	72148	10.506	ug/l	100
37) Trichloroethene	6.541	130	66663	10.319	ug/l	100
38) 1,2-Dichloropropane	6.785	63	69951	10.137	ug/l	100
39) Methacrylonitrile	4.978	41	16415	9.642	ug/l	100
40) Methyl acrylate	4.846	55	27350	9.434	ug/l	# 94
41) Tetrahydrofuran	5.058	42	18367	18.522	ug/l	93
42) 1-Chlorobutane	5.454	56	102819	10.333	ug/l	100
43) Dibromomethane	6.914	93	33847	10.544	ug/l	100
44) Bromodichloromethane	7.100	83	93131	10.590	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	202028	53.178	ug/l	100
46) t-1,4-Dichloro-2-butene	10.830	75	33337m	20.872	ug/l	
47) Methyl methacrylate	6.955	69	66515	22.057	ug/l	100
48) Ethyl methacrylate	8.332	69	65432	10.680	ug/l	100
49) Toluene	7.965	92	160716	10.537	ug/l	100
50) t-1,3-Dichloropropene	8.206	75	85246	10.935	ug/l	100
51) cis-1,3-Dichloropropene	7.605	75	100704	10.624	ug/l	100
52) 1,1,2-Trichloroethane	8.396	97	50823	10.494	ug/l	100
53) 1,3-Dichloropropane	8.569	76	88812	10.881	ug/l	100
54) 2-Hexanone	8.682	43	138559	52.314	ug/l	100
55) Dibromochloromethane	8.804	129	62599	10.817	ug/l	100
56) 1,2-Dibromoethane	8.920	107	47627	11.243	ug/l	100
58) Tetrachloroethene	8.550	164	57883	10.282	ug/l	100
59) Chlorobenzene	9.444	112	193273	10.630	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.528	131	70979	11.059	ug/l	100
61) Pentachloroethane	11.421	117	54905	10.866	ug/l	100
62) Hexachloroethane	12.470	117	58774	11.324	ug/l	100
63) Ethyl Benzene	9.566	91	332188	10.718	ug/l	100
64) m/p-Xylenes	9.688	106	250604	21.386	ug/l	100
65) o-Xylene	10.097	106	122916	10.414	ug/l	100
66) Styrene	10.110	104	205368	10.829	ug/l	100
67) Bromoform	10.286	173	34612	11.100	ug/l	100
69) Isopropylbenzene	10.479	105	344502	10.757	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.778	83	64801	10.730	ug/l	100
71) 1,2,3-Trichloropropane	10.827	75	43100m	10.386	ug/l	
72) Bromobenzene	10.778	156	77164	10.444	ug/l	100
73) n-propylbenzene	10.901	120	90515	10.520	ug/l	100
74) 2-Chlorotoluene	10.981	126	78233	10.442	ug/l	100
75) 1,3,5-Trimethylbenzene	11.084	105	278007	10.656	ug/l	100
76) 4-Chlorotoluene	11.093	126	83032	10.780	ug/l	100
77) tert-Butylbenzene	11.415	119	288211	10.727	ug/l	100
78) 1,2,4-Trimethylbenzene	11.463	105	289147	11.021	ug/l	100
79) sec-Butylbenzene	11.640	105	383022	10.987	ug/l	100
80) Nitrobenzene	13.203	77	10086	46.107	ug/l	100
81) p-Isopropyltoluene	11.788	119	313516	11.040	ug/l	100
82) 1,3-Dichlorobenzene	11.740	146	158008	10.683	ug/l	100
83) 1,4-Dichlorobenzene	11.833	146	157351	10.608	ug/l	100
84) n-Butylbenzene	12.203	91	300420	11.499	ug/l	100
85) 1,2-Dichlorobenzene	12.206	146	148421	10.537	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.990	75	9327	9.785	ug/l	100
87) 1,2,4-Trichlorobenzene	13.836	180	98444	10.900	ug/l	100
88) Hexachlorobutadiene	14.016	225	50586	10.486	ug/l	100
89) Naphthalene	14.084	128	158492	10.851	ug/l	100
90) 1,2,3-Trichlorobenzene	14.325	180	87341	11.190	ug/l	100

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

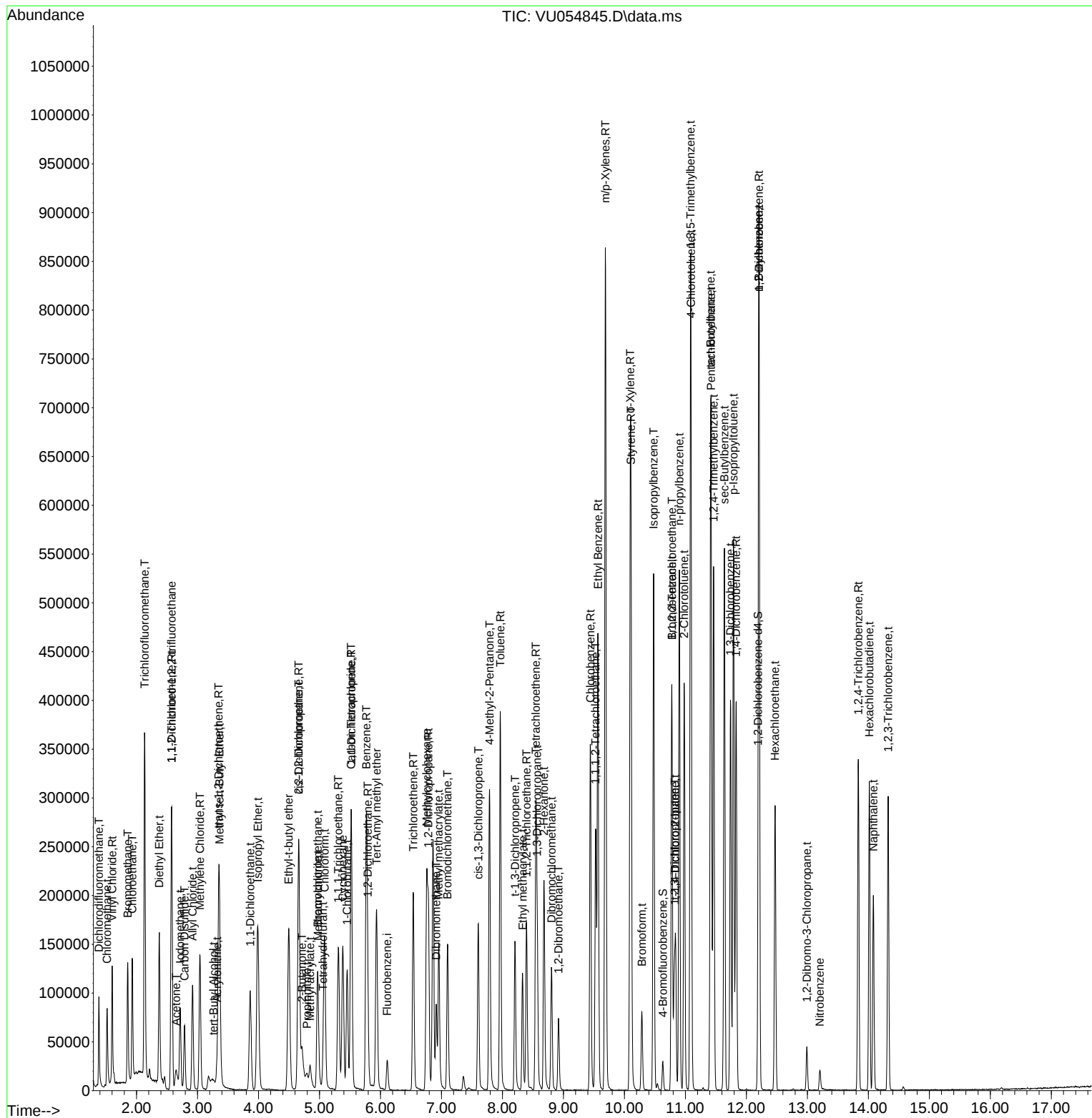
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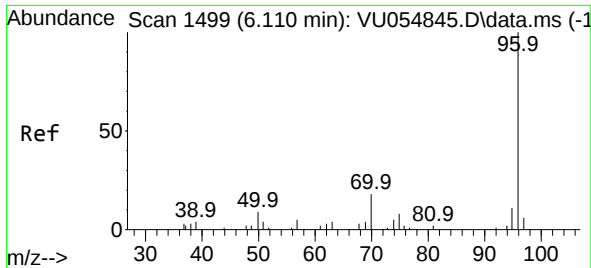
Instrument :
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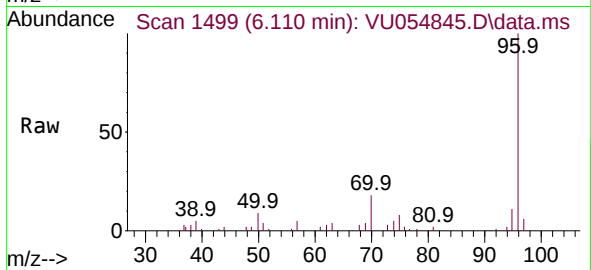
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

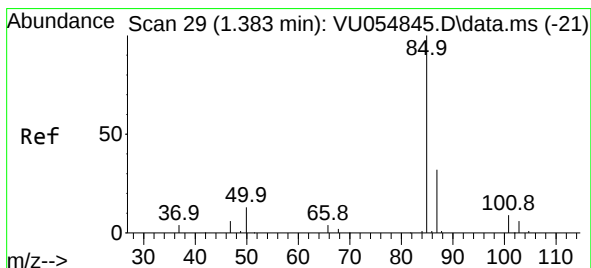
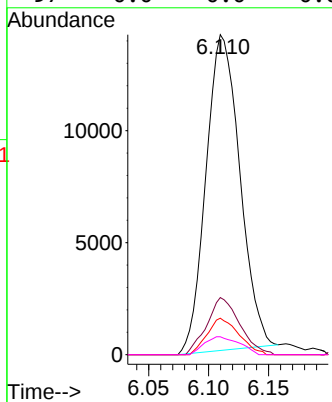
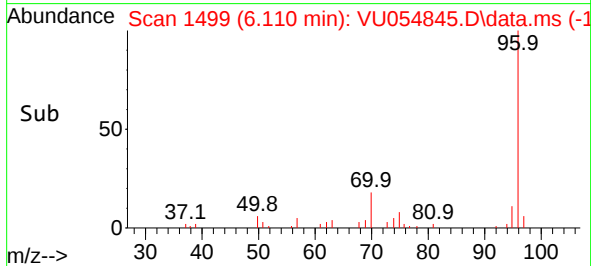
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 96 Resp: 27684
Ion Ratio Lower Upper
96 100
70 17.5 14.0 21.0
95 10.9 8.7 13.1
97 0.0 0.0 0.0

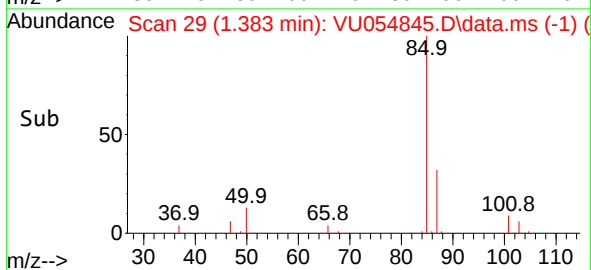
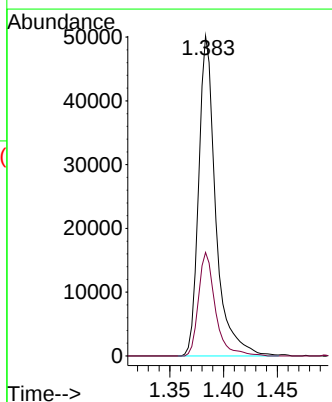
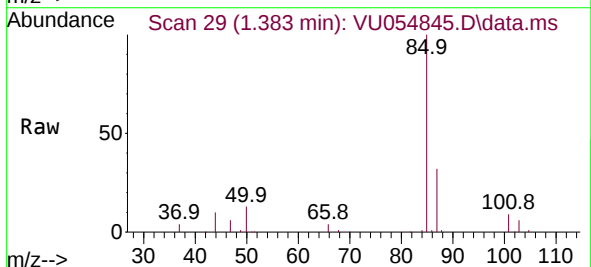
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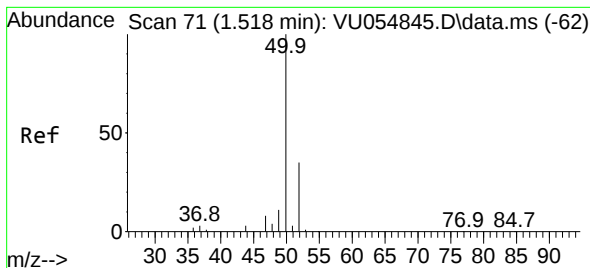
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#2
Dichlorodifluoromethane
Concen: 10.063 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

Tgt Ion: 85 Resp: 55431
Ion Ratio Lower Upper
85 100
87 32.4 16.2 48.6





#3

Chloromethane

Concen: 9.396 ug/l

RT: 1.518 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU054845.D

Acq: 21 Jul 2023 18:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 50 Resp: 6010

Ion Ratio Lower Upper

50 100

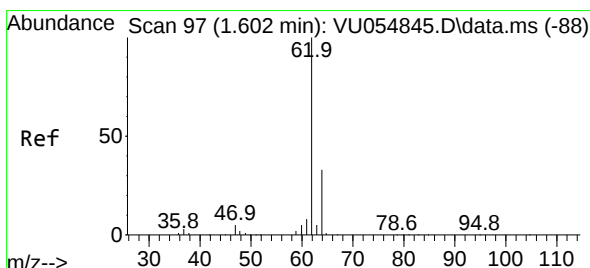
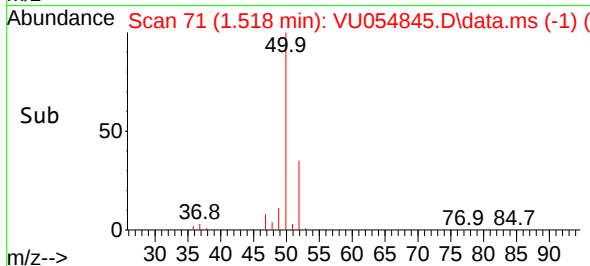
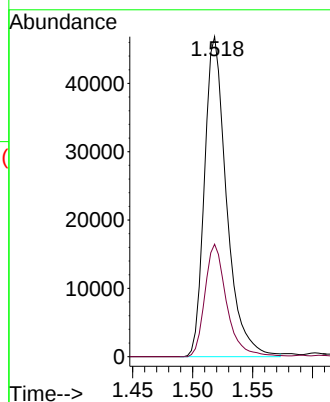
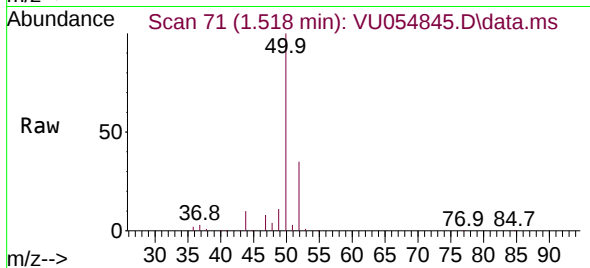
52 35.2 28.2 42.2

Manual Integrations

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Supervised By :Mahesh Dadoda 07/31/2023



#4

Vinyl Chloride

Concen: 10.014 ug/l

RT: 1.602 min Scan# 97

Delta R.T. 0.000 min

Lab File: VU054845.D

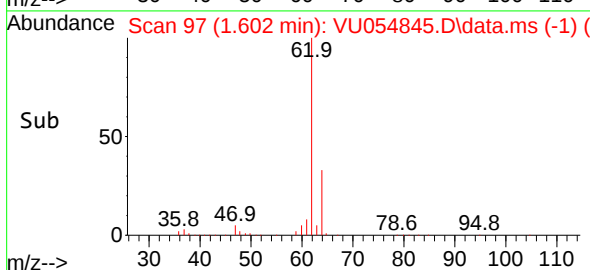
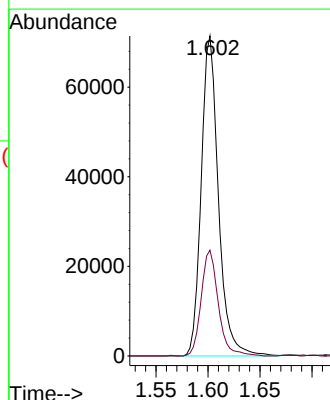
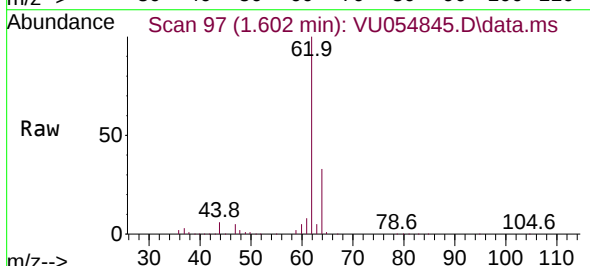
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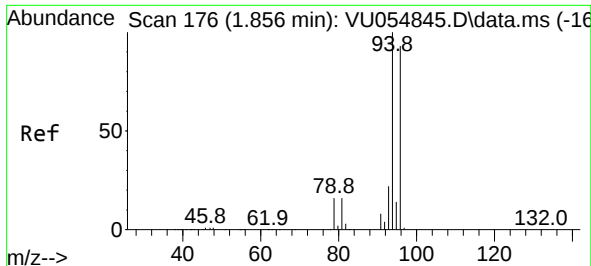
Tgt Ion: 62 Resp: 82241

Ion Ratio Lower Upper

62 100

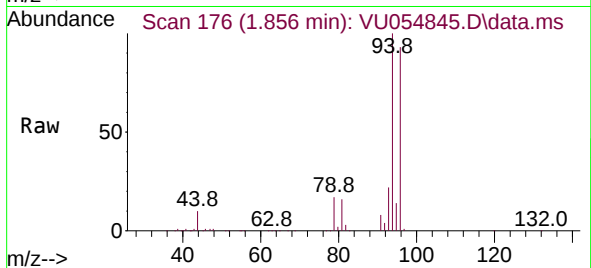
64 33.0 26.4 39.6





#5
Bromomethane
Concen: 9.818 ug/l
RT: 1.856 min Scan# 176
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

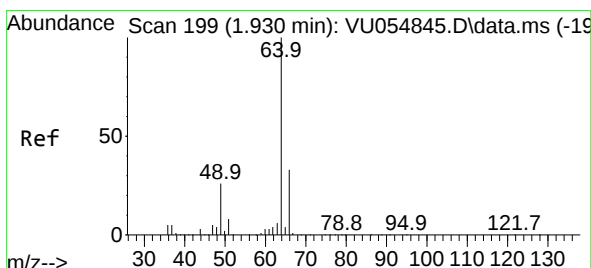
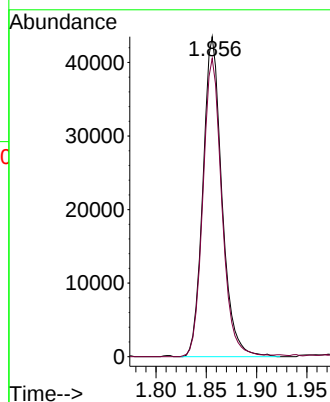
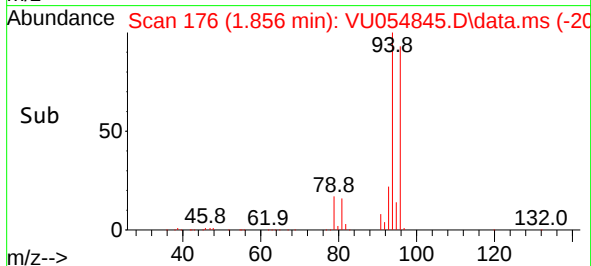
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 94 Resp: 5722
Ion Ratio Lower Upper
94 100
96 93.2 74.6 111.8

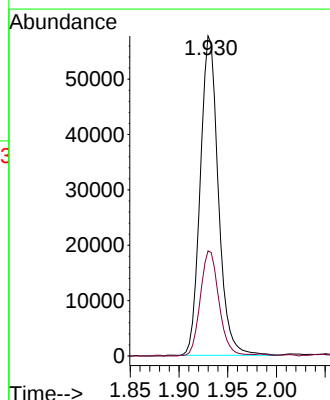
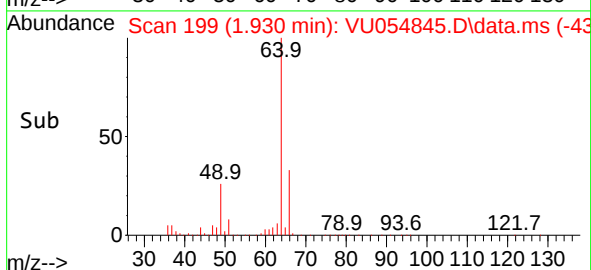
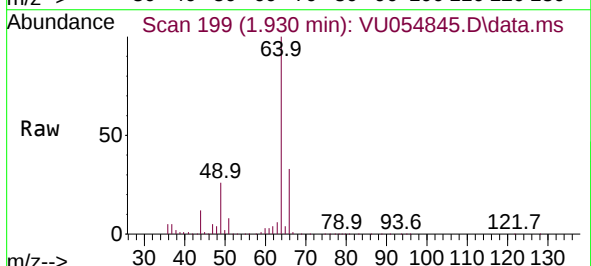
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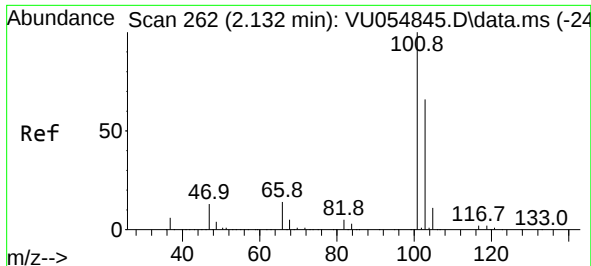
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#6
Chloroethane
Concen: 9.589 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

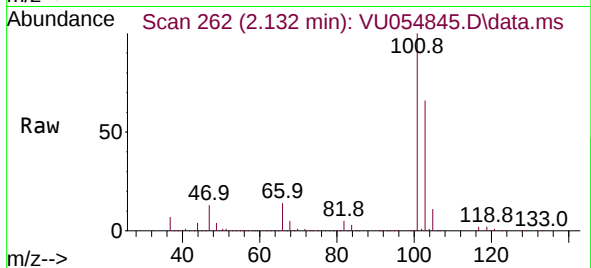
Tgt Ion: 64 Resp: 74414
Ion Ratio Lower Upper
64 100
66 32.8 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 10.588 ug/l
 RT: 2.132 min Scan# 21073
 Delta R.T. 0.000 min
 Lab File: VU054845.D
 Acq: 21 Jul 2023 18:33

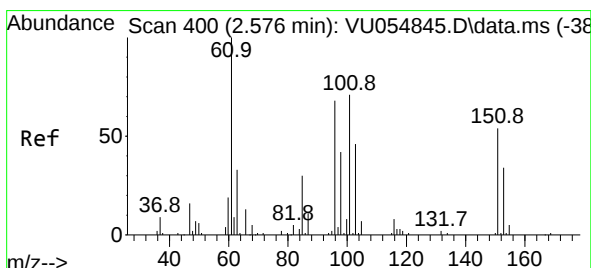
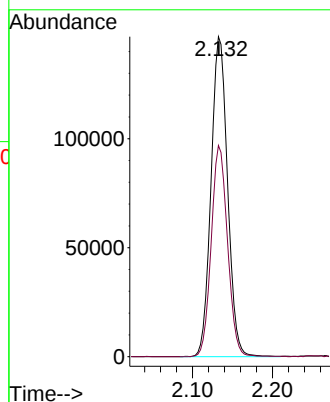
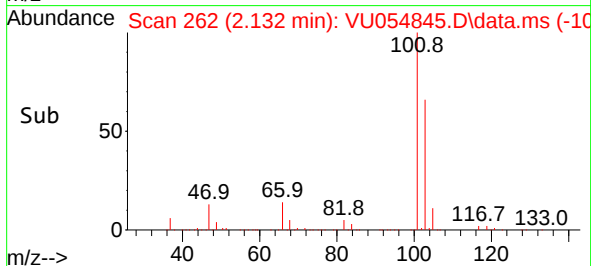
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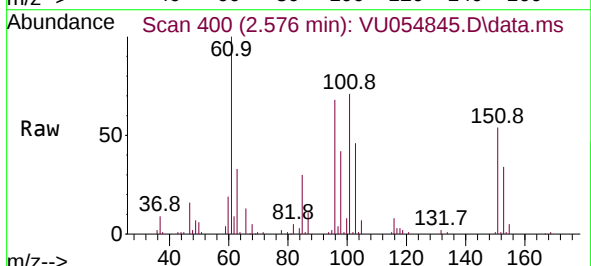
Tgt Ion:101 Resp: 21073
 Ion Ratio Lower Upper
 101 100
 103 66.1 52.9 79.3

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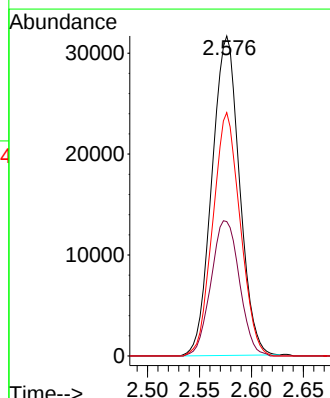
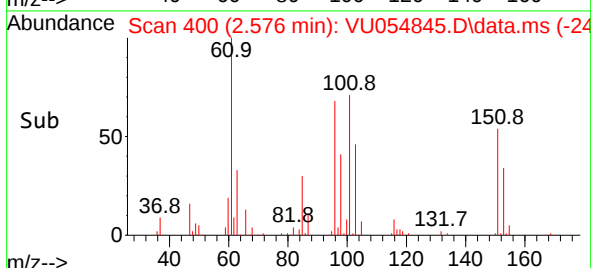
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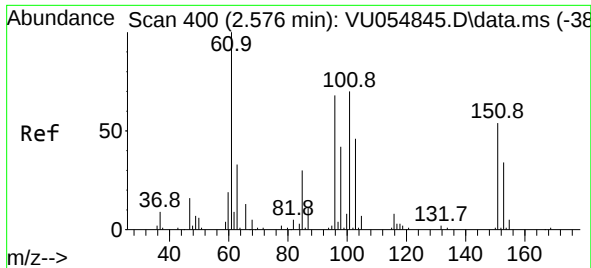


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.243 ug/l
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU054845.D
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Tgt Ion:101 Resp: 58409
 Ion Ratio Lower Upper
 101 100
 85 43.5 34.8 52.2
 151 75.6 60.5 90.7





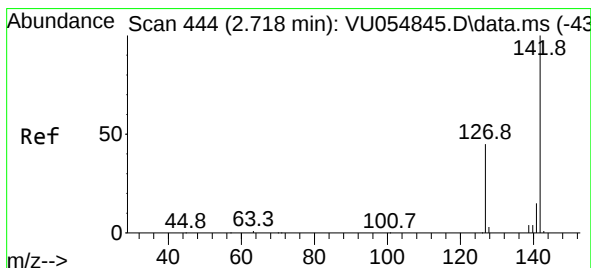
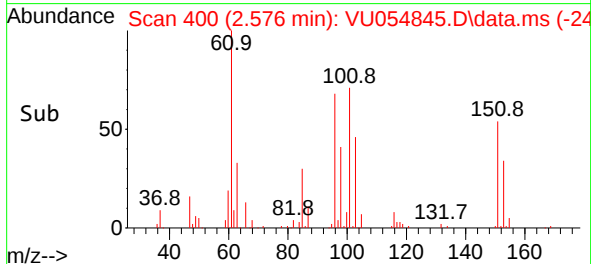
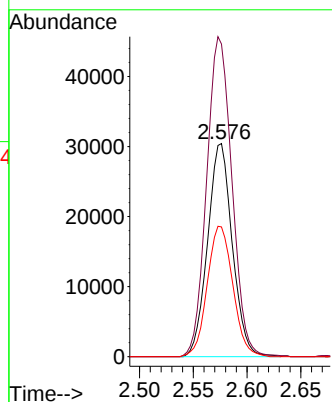
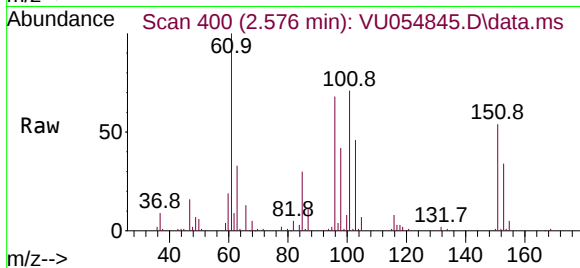
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1,1-Dichloroethene
Concen: 10.214 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 96 Resp: 48644
Ion Ratio Lower Upper
96 100
61 146.7 0.0 440.1
98 60.9 0.0 121.8

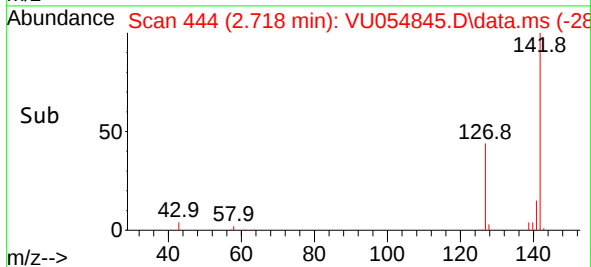
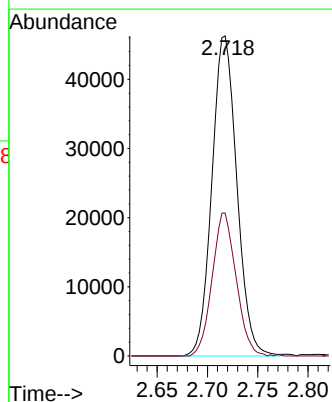
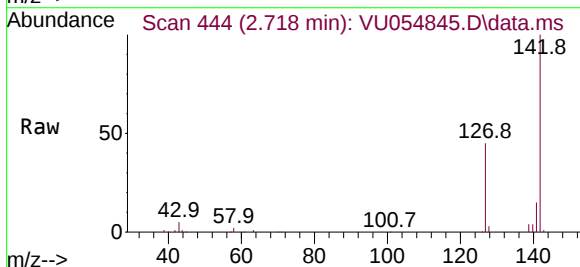
Manual Integrations
APPROVED

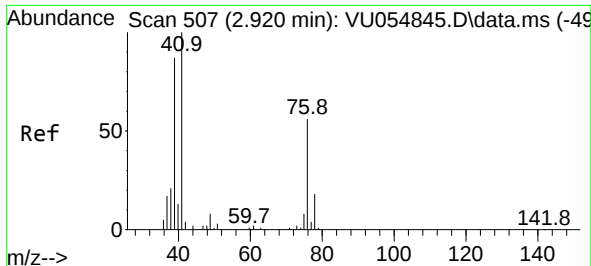
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#10
Iodomethane
Concen: 10.421 ug/l
RT: 2.718 min Scan# 444
Delta R.T. -0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

Tgt Ion:142 Resp: 79945
Ion Ratio Lower Upper
142 100
127 42.9 34.3 51.5





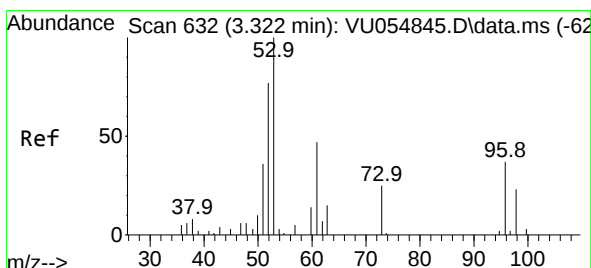
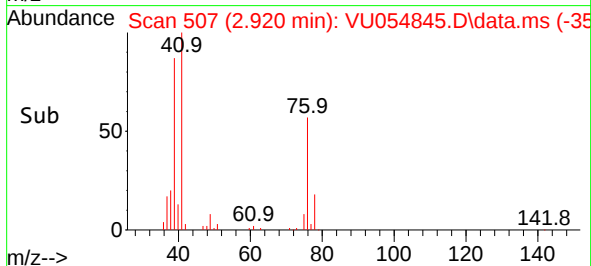
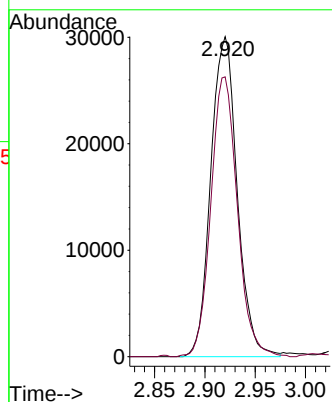
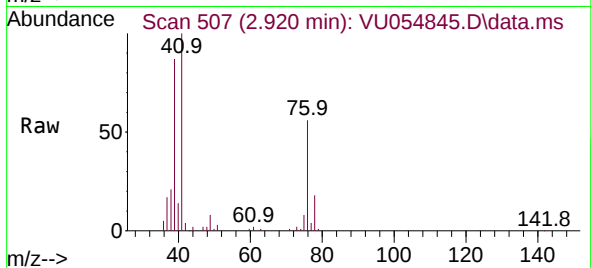
#11
 Allyl Chloride
 Concen: 9.842 ug/l
 RT: 2.920 min Scan# 507
 Delta R.T. 0.000 min
 Lab File: VU054845.D
 Acq: 21 Jul 2023 18:33

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 41 Resp: 5498
 Ion Ratio Lower Upper
 41 100
 39 87.7 70.2 105.2

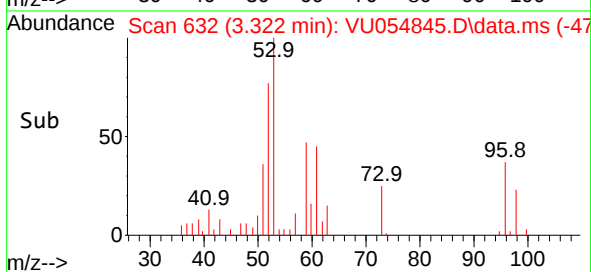
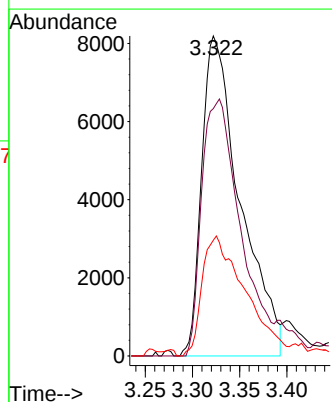
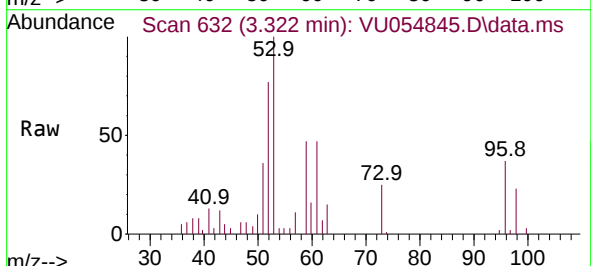
Manual Integrations
 APPROVED

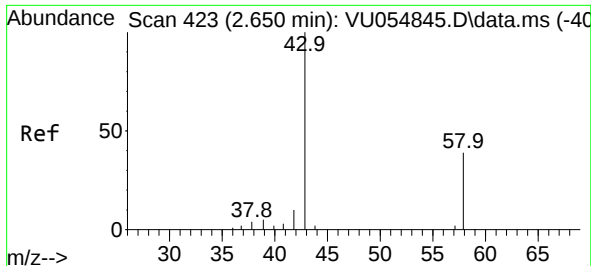
Reviewed By :Semsettin Yesilyurt 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#12
 Acrylonitrile
 Concen: 20.332 ug/l
 RT: 3.322 min Scan# 632
 Delta R.T. 0.000 min
 Lab File: VU054845.D
 Acq: 21 Jul 2023 18:33

Tgt Ion: 53 Resp: 23196
 Ion Ratio Lower Upper
 53 100
 52 80.3 64.2 96.4
 51 42.0 33.6 50.4





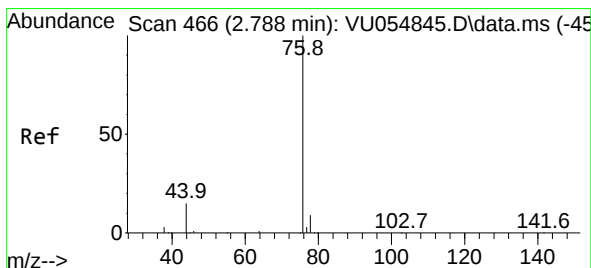
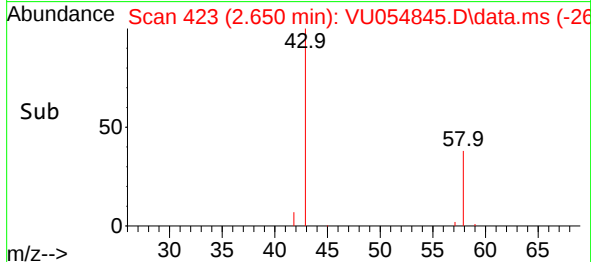
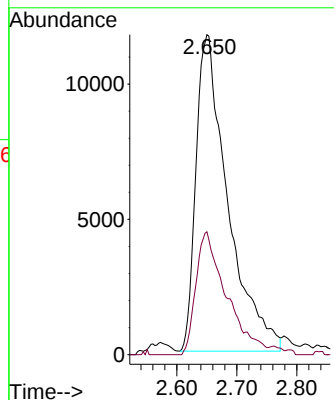
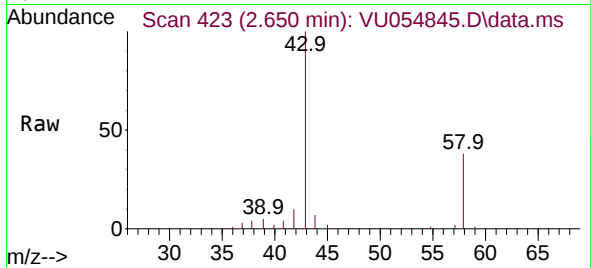
#13
Acetone
Concen: 42.878 ug/l
RT: 2.650 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 4309
Ion Ratio Lower Upper
43 100
58 38.8 30.7 46.1

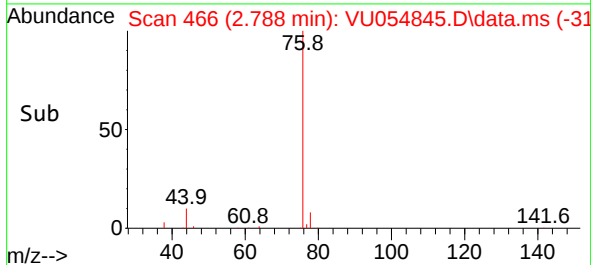
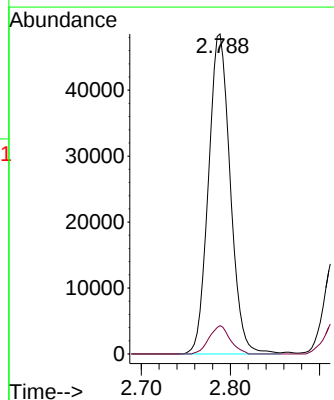
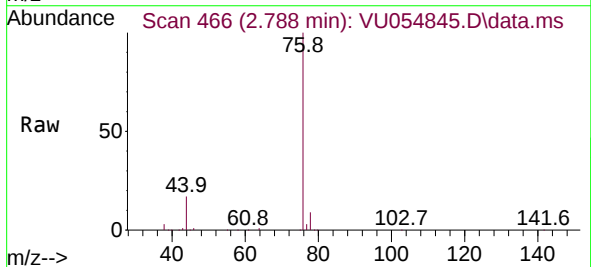
Manual Integrations
APPROVED

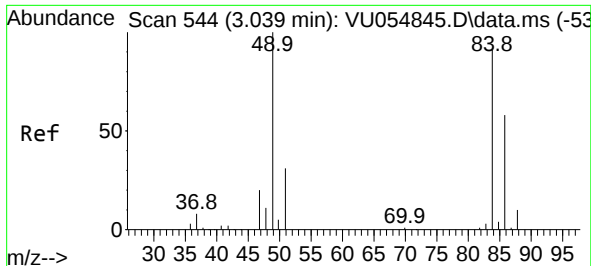
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#14
Carbon Disulfide
Concen: 10.268 ug/l
RT: 2.788 min Scan# 466
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

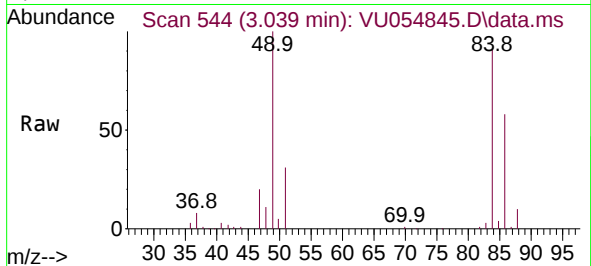
Tgt Ion: 76 Resp: 82442
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7





#15
Methylene Chloride
Concen: 9.714 ug/l
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

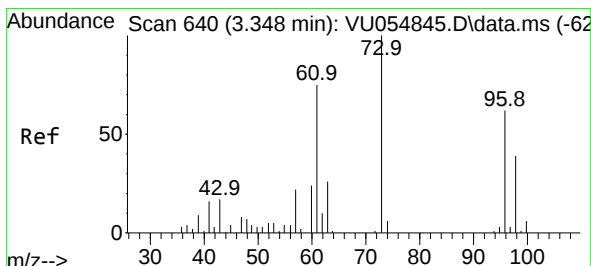
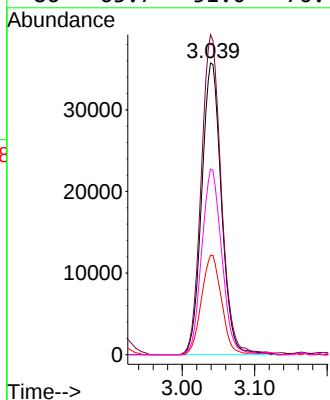
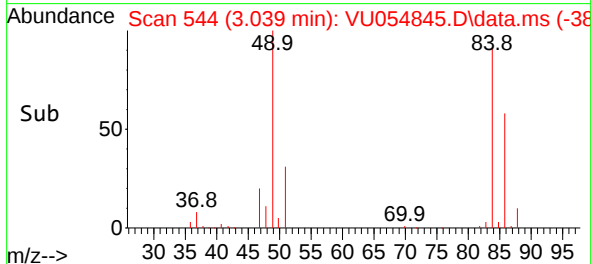
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 84 Resp: 6740
Ion Ratio Lower Upper
84 100
49 109.7 87.8 131.6
51 34.1 0.0 68.2
86 63.7 51.0 76.4

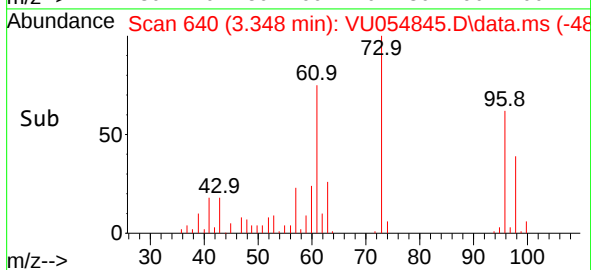
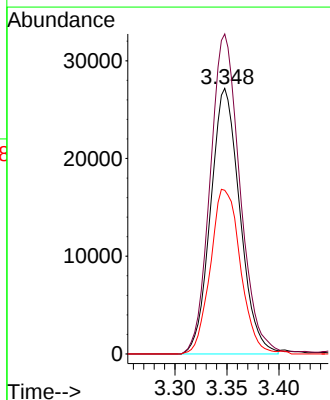
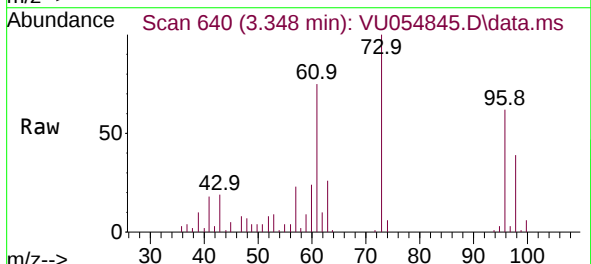
Manual Integrations
APPROVED

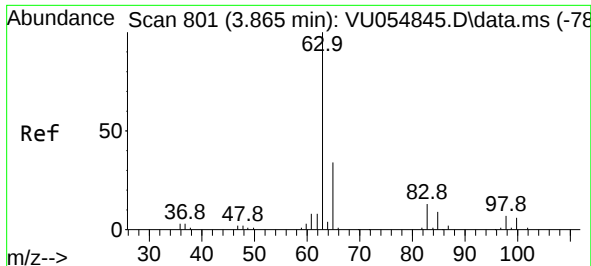
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#16
trans-1,2-Dichloroethene
Concen: 10.055 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

Tgt Ion: 96 Resp: 53211
Ion Ratio Lower Upper
96 100
61 120.5 96.4 144.6
98 61.6 49.3 73.9





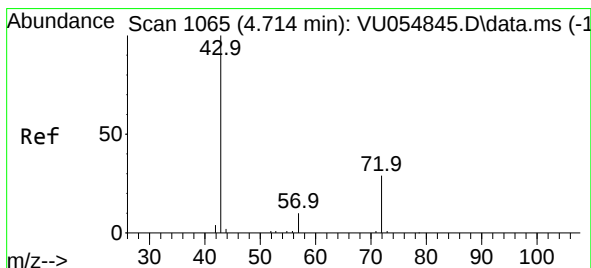
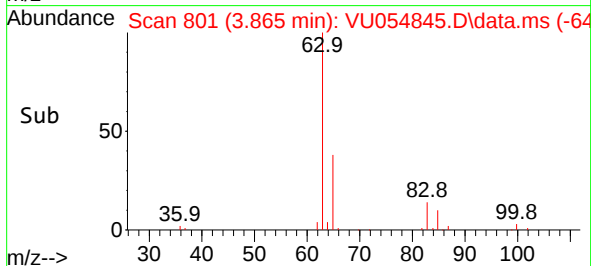
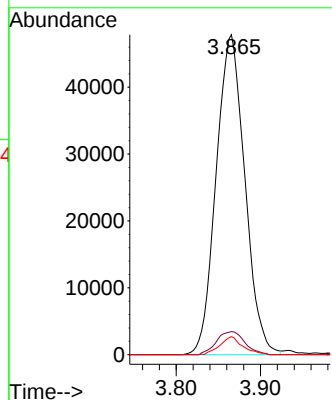
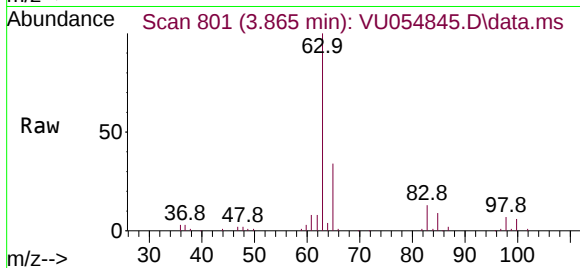
#17
1,1-Dichloroethane
Concen: 10.096 ug/l
RT: 3.865 min Scan# 801
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 63 Resp: 113064
Ion Ratio Lower Upper
63 100
98 7.2 3.6 10.8
100 5.6 2.8 8.4

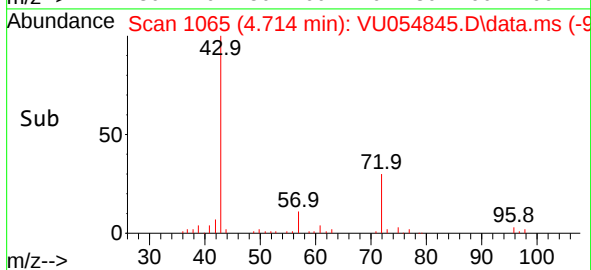
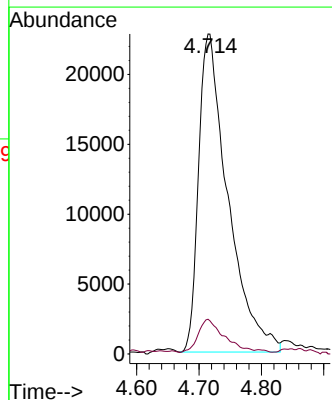
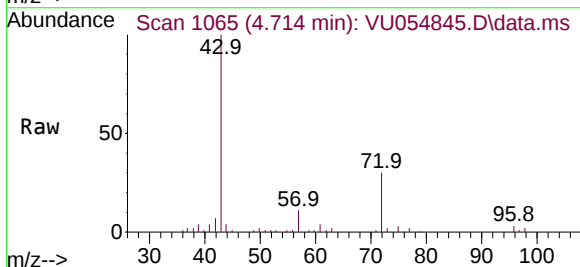
Manual Integrations
APPROVED

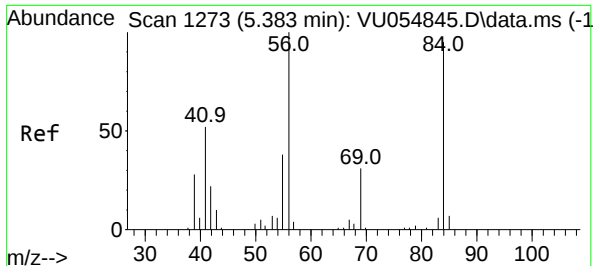
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#18
2-Butanone
Concen: 52.156 ug/l
RT: 4.714 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

Tgt Ion: 43 Resp: 74302
Ion Ratio Lower Upper
43 100
57 10.4 0.0 20.8





#19

Cyclohexane

Concen: 8.725 ug/l

RT: 5.383 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU054845.D

Acq: 21 Jul 2023 18:33

Instrument :

MSVOA_U

ClientSampleId :

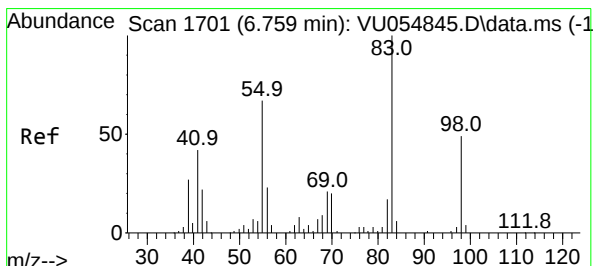
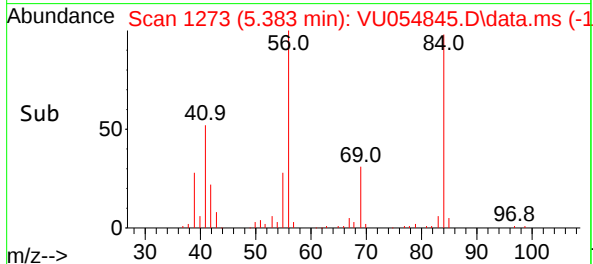
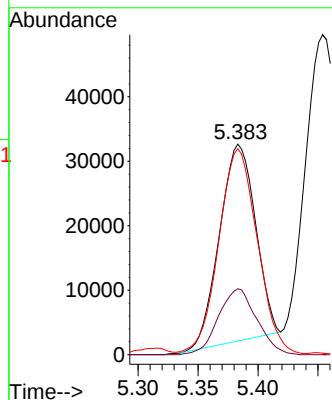
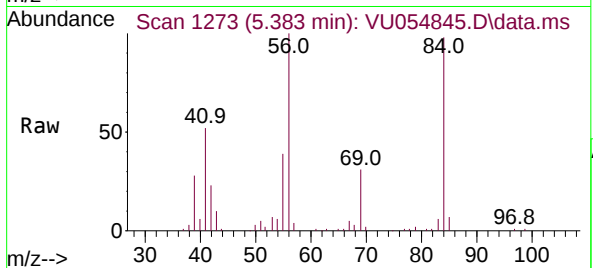
VSTDICCC010

Tgt Ion:	56	Resp:	6388
Ion Ratio	Lower	Upper	
56	100		
69	35.5	24.7	37.1
84	109.9	76.5	114.7

Manual Integrations

APPROVED

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



#20

Methylcyclohexane

Concen: 10.371 ug/l

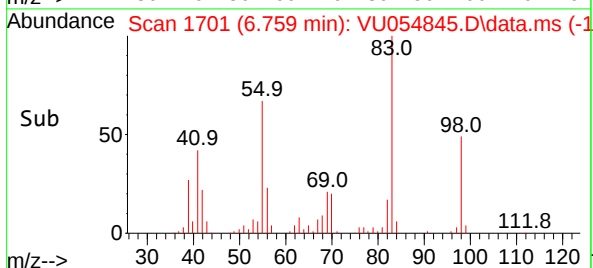
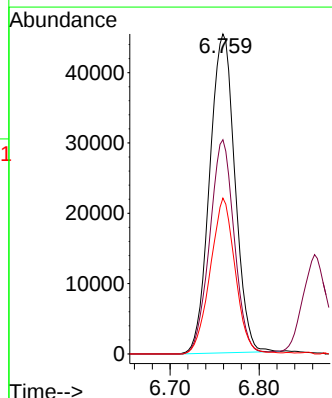
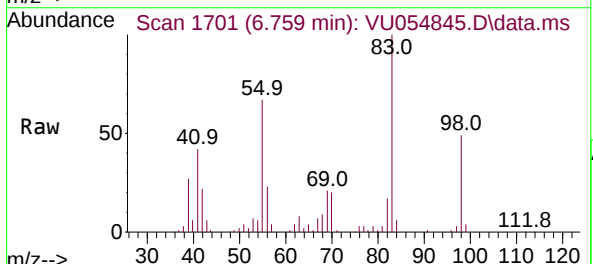
RT: 6.759 min Scan# 1701

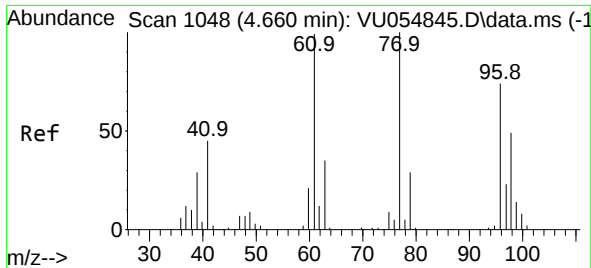
Delta R.T. 0.000 min

Lab File: VU054845.D

Acq: 21 Jul 2023 18:33

Tgt Ion:	83	Resp:	89309
Ion Ratio	Lower	Upper	
83	100		
55	64.5	51.6	77.4
98	47.7	38.2	57.2





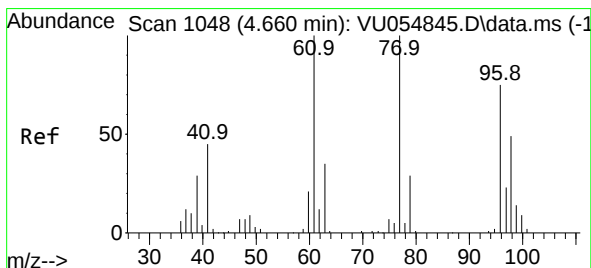
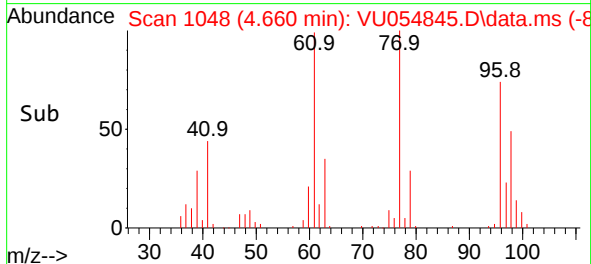
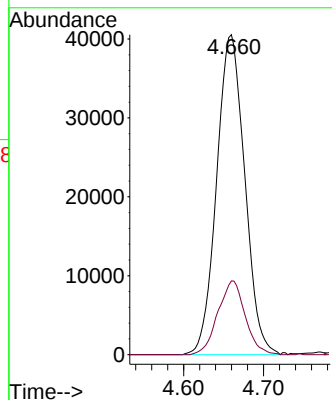
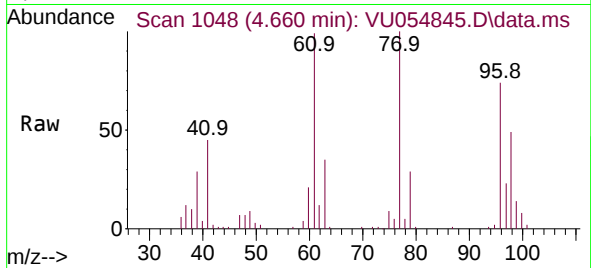
#21
2,2-Dichloropropane
Concen: 10.127 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 77 Resp: 9892
Ion Ratio Lower Upper
77 100
97 22.5 18.0 27.0

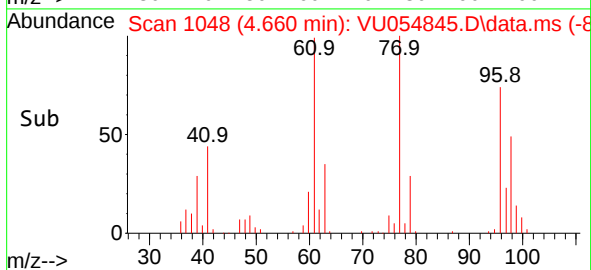
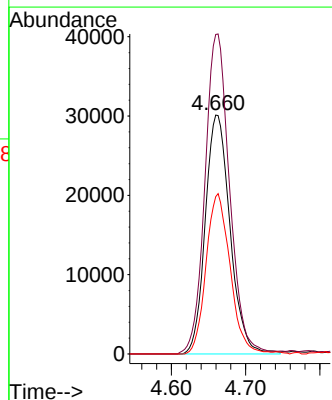
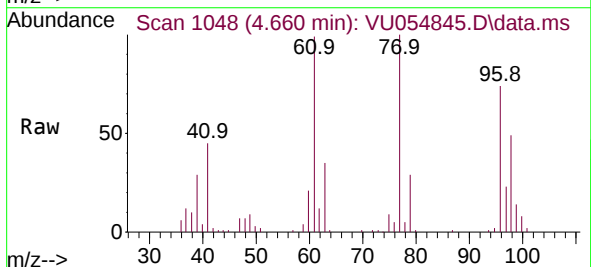
Manual Integrations
APPROVED

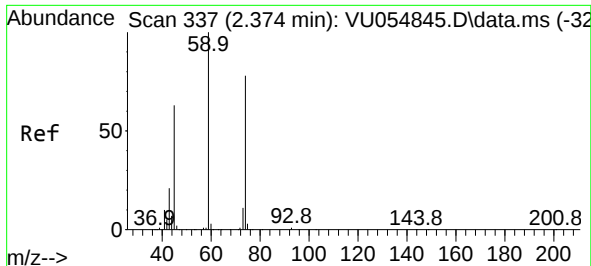
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#22
cis-1,2-Dichloroethene
Concen: 10.446 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

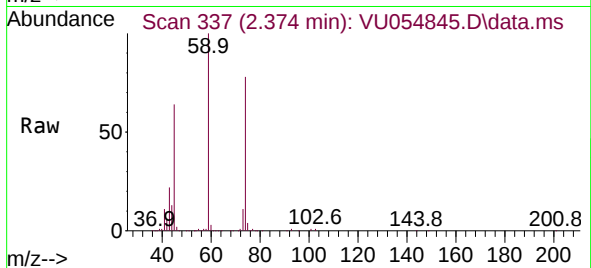
Tgt Ion: 96 Resp: 70001
Ion Ratio Lower Upper
96 100
61 132.8 0.0 332.0
98 65.0 32.5 97.5





#23
Diethyl Ether
Concen: 10.077 ug/l
RT: 2.374 min Scan# 337
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

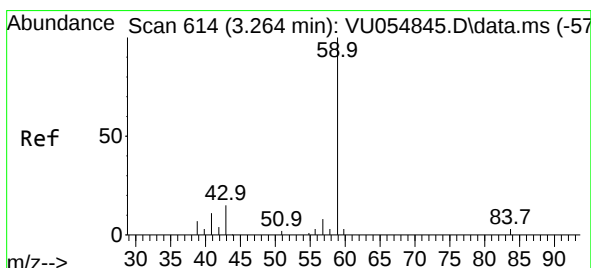
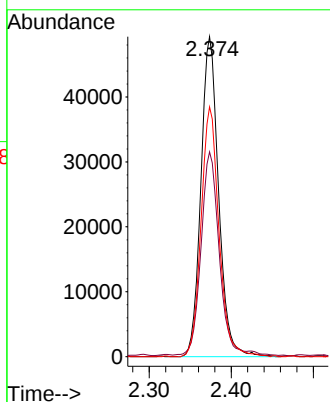
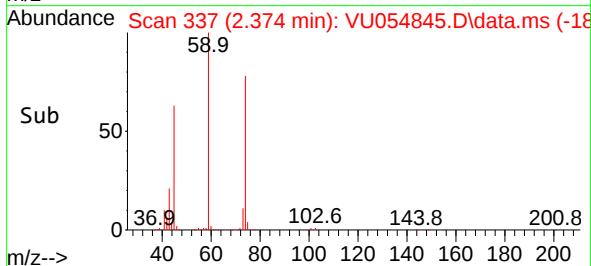
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 59 Resp: 73730
Ion Ratio Lower Upper
59 100
45 64.2 51.4 77.0
74 78.9 63.1 94.7

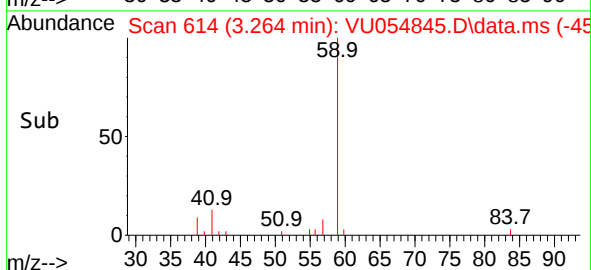
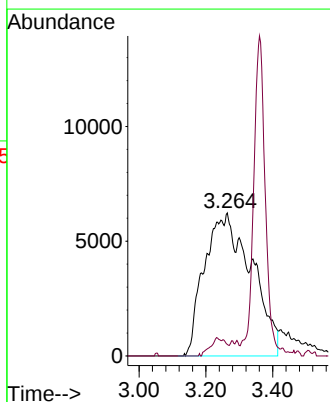
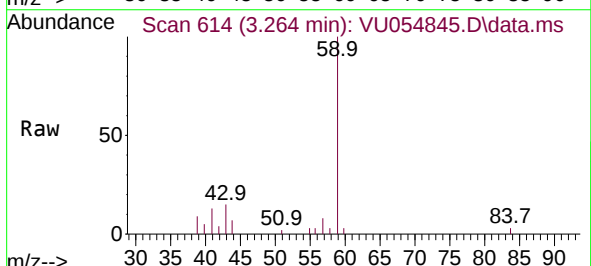
Manual Integrations
APPROVED

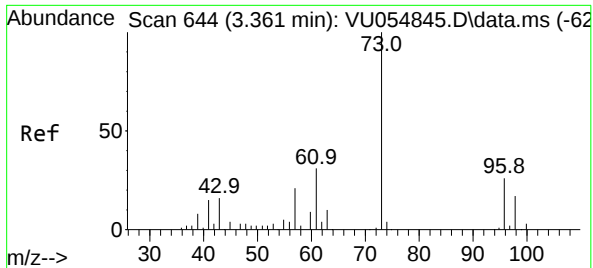
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#24
tert-Butyl Alcohol
Concen: 89.430 ug/l m
RT: 3.264 min Scan# 614
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

Tgt Ion: 59 Resp: 60974
Ion Ratio Lower Upper
59 100
57 3.0 2.2 3.2





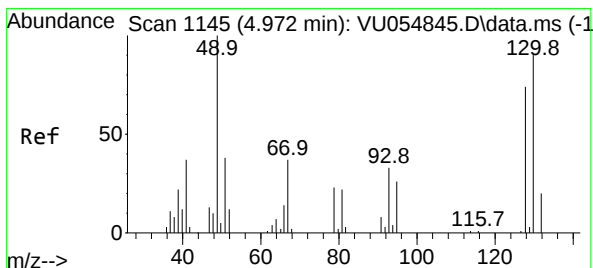
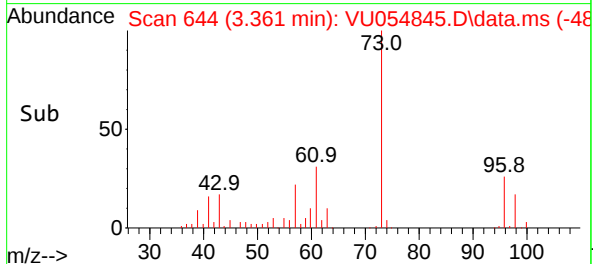
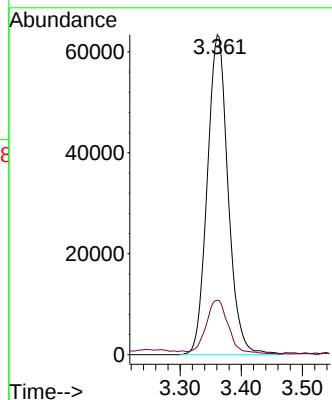
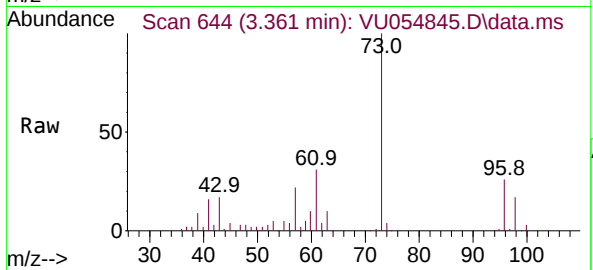
#25
Methyl tert-Butyl Ether
Concen: 10.311 ug/l
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 73 Resp: 14984
Ion Ratio Lower Upper
73 100
43 18.3 14.6 22.0

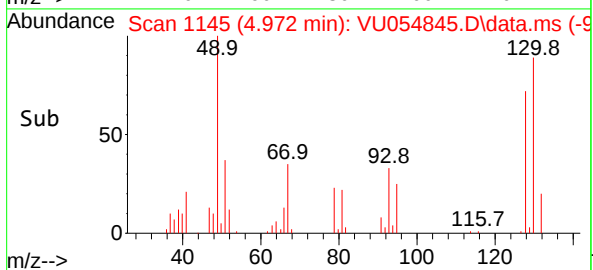
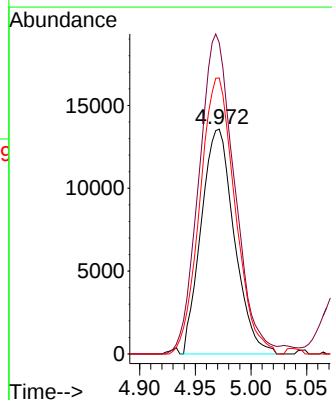
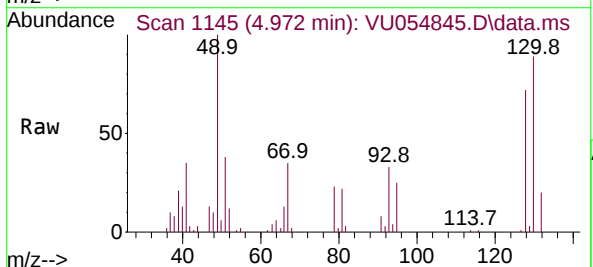
Manual Integrations
APPROVED

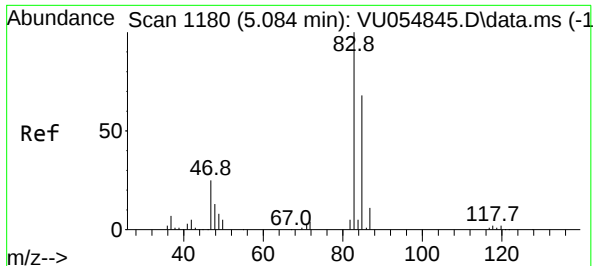
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#26
Bromochloromethane
Concen: 10.990 ug/l
RT: 4.972 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

Tgt Ion:128 Resp: 28073
Ion Ratio Lower Upper
128 100
49 152.0 0.0 304.0
130 130.4 104.3 156.5





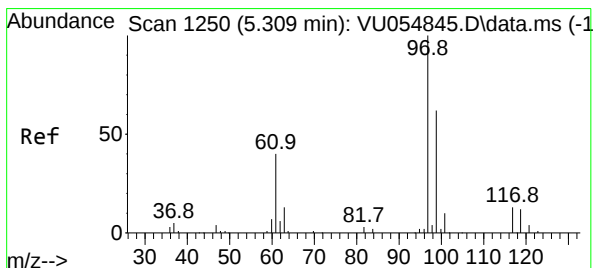
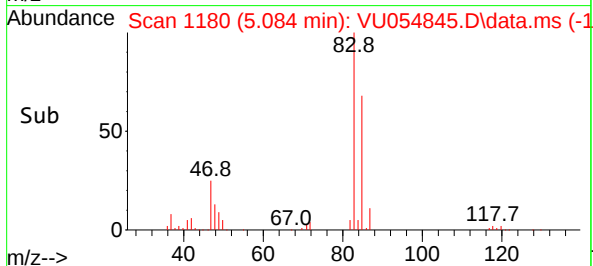
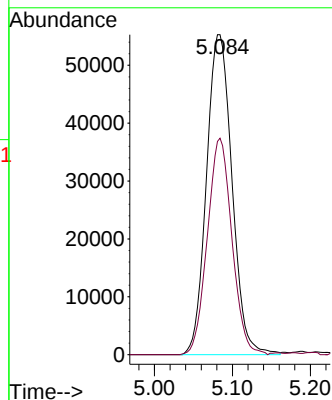
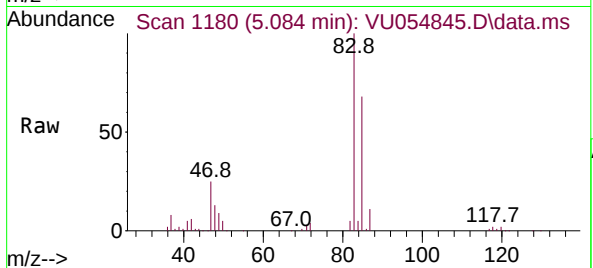
#27
Chloroform
Concen: 10.237 ug/l
RT: 5.084 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 83 Resp: 125972
Ion Ratio Lower Upper
83 100
85 67.6 0.0 135.2

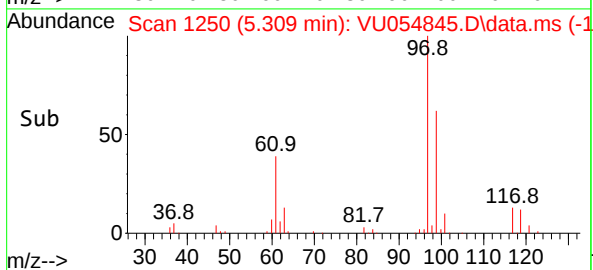
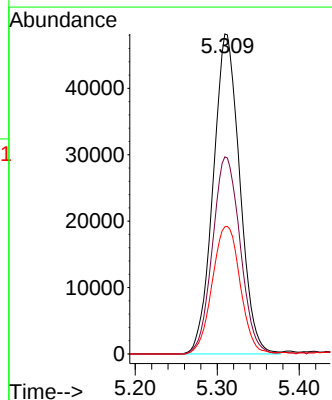
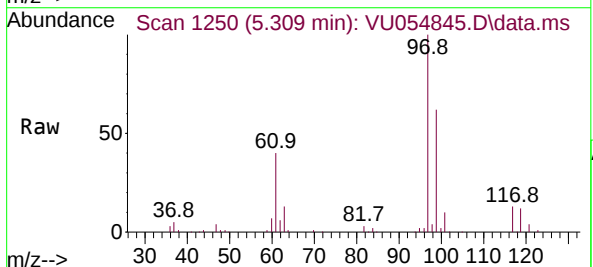
Manual Integrations
APPROVED

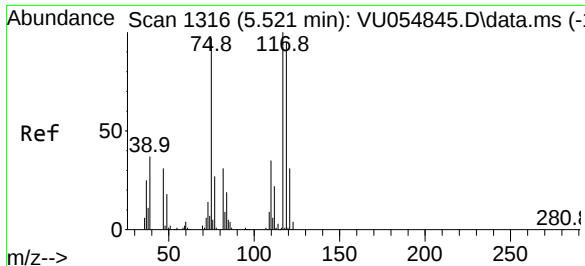
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#28
1,1,1-Trichloroethane
Concen: 10.508 ug/l
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

Tgt Ion: 97 Resp: 108673
Ion Ratio Lower Upper
97 100
99 64.1 32.0 96.2
61 42.0 21.0 63.0





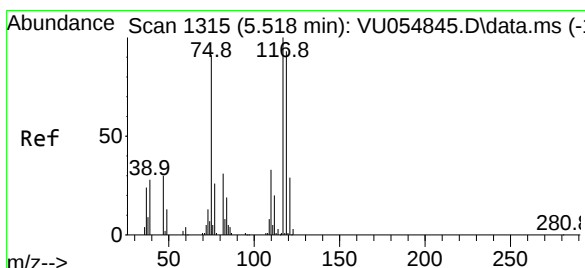
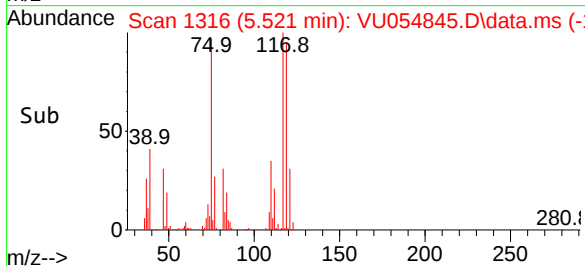
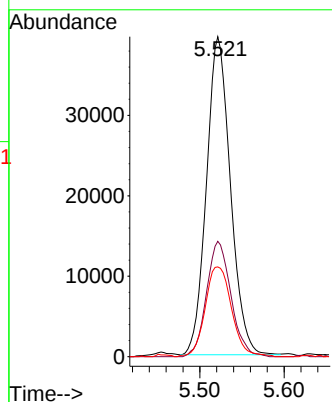
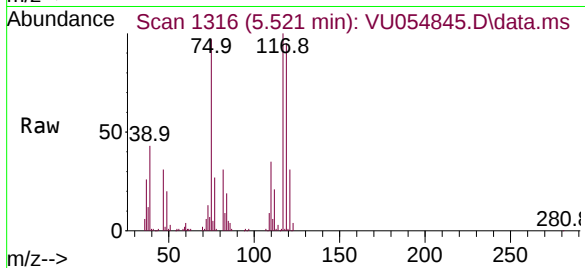
#29
1,1-Dichloropropene
Concen: 10.638 ug/l
RT: 5.521 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 75 Resp: 7825
Ion Ratio Lower Upper
75 100
110 37.0 18.5 55.5
77 31.1 24.9 37.3

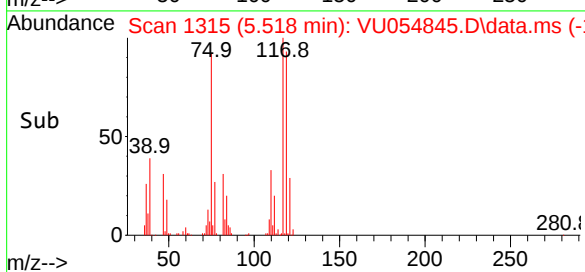
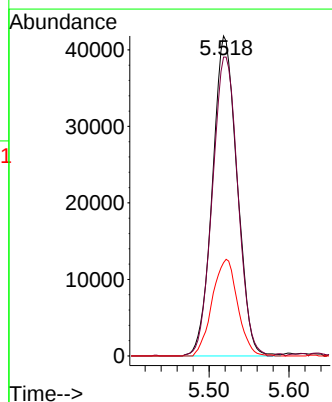
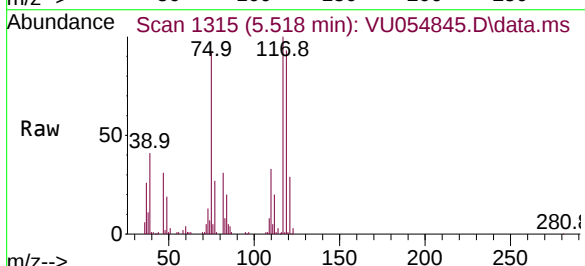
Manual Integrations
APPROVED

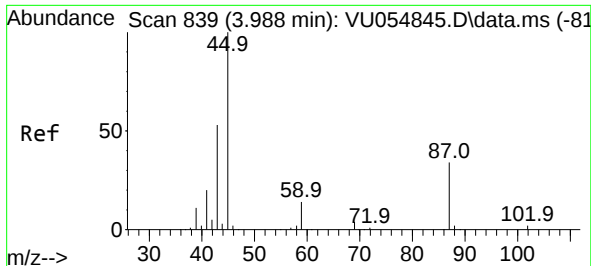
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#30
Carbon Tetrachloride
Concen: 10.415 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

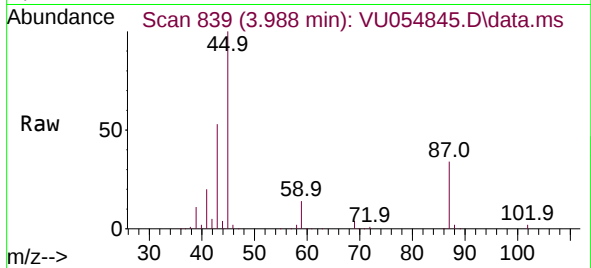
Tgt Ion:117 Resp: 89520
Ion Ratio Lower Upper
117 100
119 94.5 75.6 113.4
121 29.2 23.4 35.0





#31
Isopropyl Ether
Concen: 10.466 ug/l
RT: 3.988 min Scan# 839
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

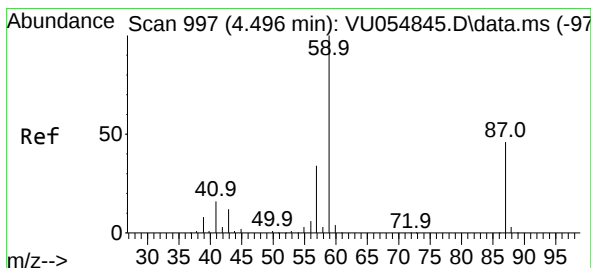
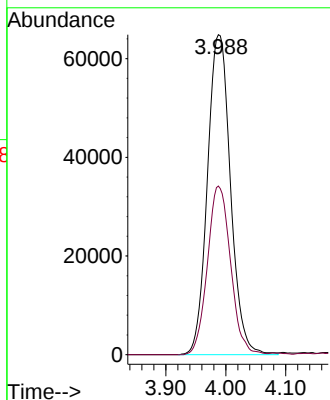
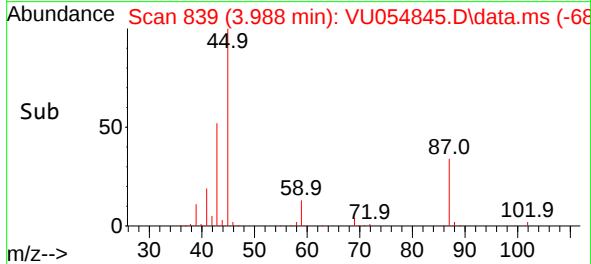
Instrument :
MSVOA_U
Client Sample Id :
VSTDICCC010



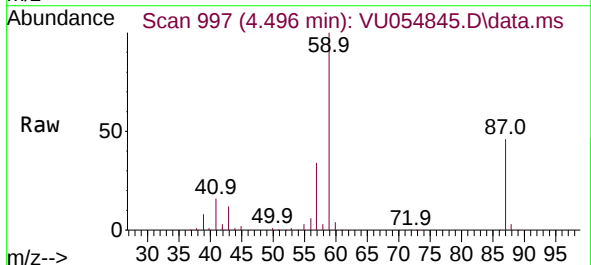
Tgt Ion: 45 Resp: 173456
Ion Ratio Lower Upper
45 100
43 52.8 26.4 79.2

Manual Integrations
APPROVED

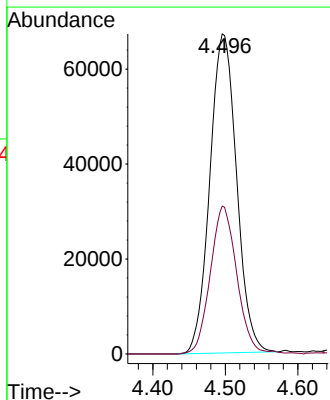
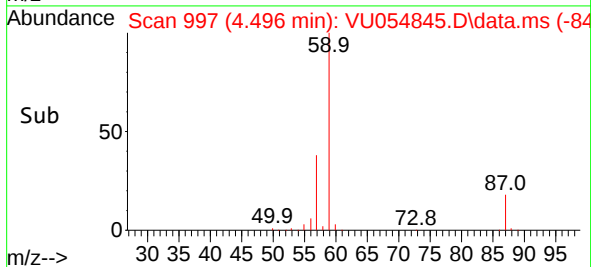
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

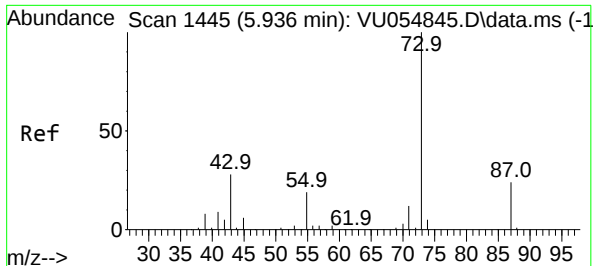


#32
Ethyl-t-butyl ether
Concen: 10.109 ug/l
RT: 4.496 min Scan# 997
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33



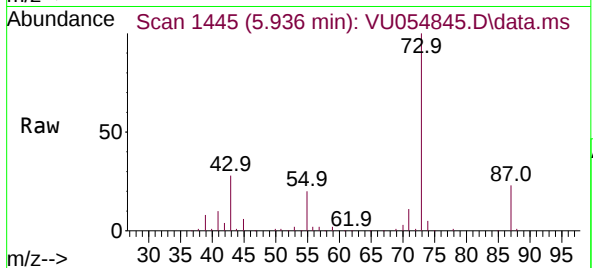
Tgt Ion: 59 Resp: 172156
Ion Ratio Lower Upper
59 100
87 44.6 35.7 53.5





#33
Tert-Amyl methyl ether
Concen: 10.441 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

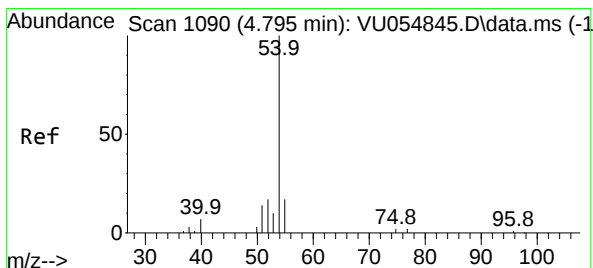
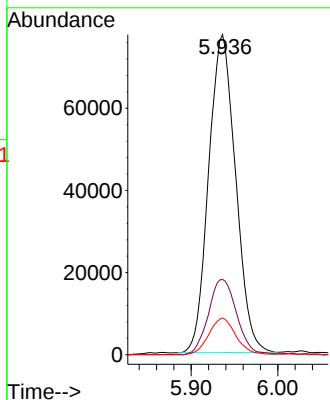
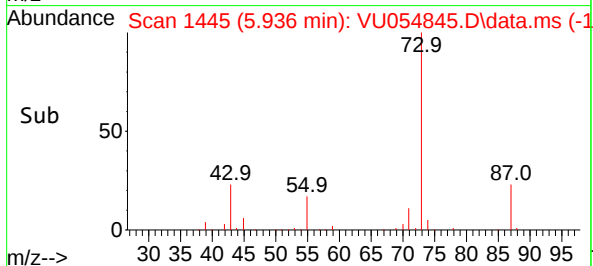
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 73 Resp: 167352
Ion Ratio Lower Upper
73 100
87 24.5 19.6 29.4
71 11.4 9.1 13.7

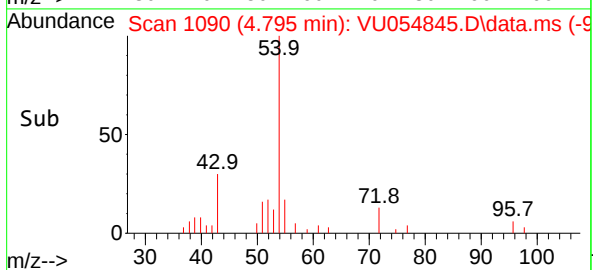
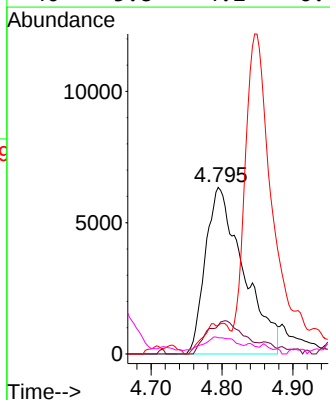
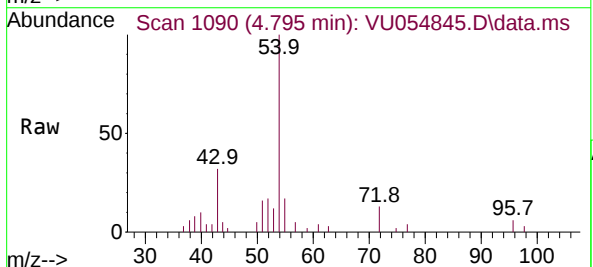
Manual Integrations
APPROVED

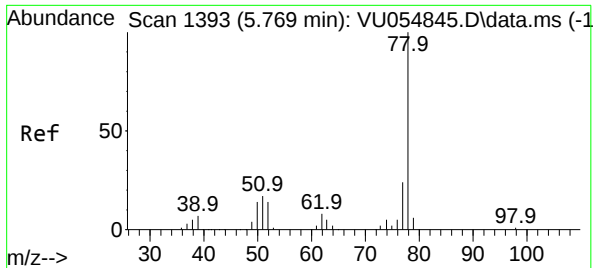
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#34
Propionitrile
Concen: 50.580 ug/l m
RT: 4.795 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

Tgt Ion: 54 Resp: 23640
Ion Ratio Lower Upper
54 100
52 18.9 13.8 20.8
55 6.6 4.8 7.2
40 5.8 4.2 6.4





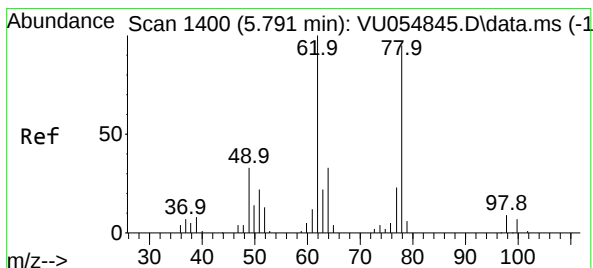
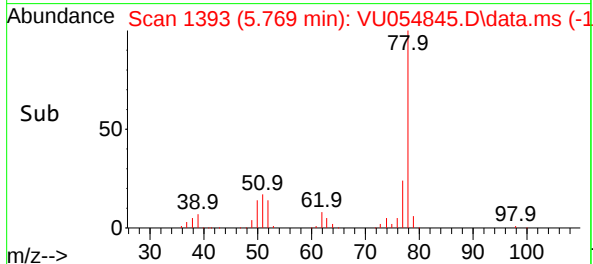
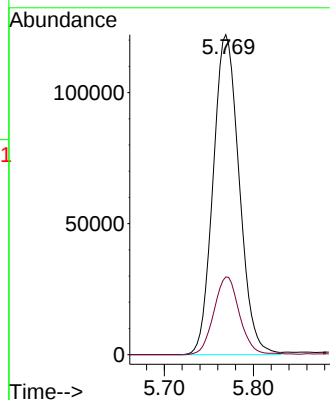
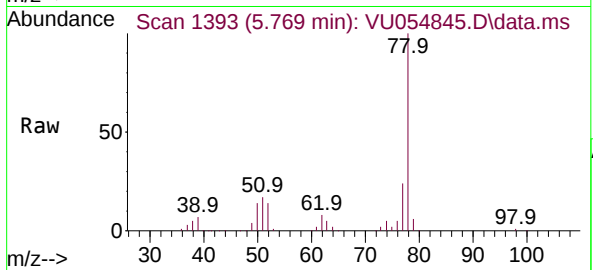
#35
Benzene
Concen: 10.393 ug/l
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 78 Resp: 24842
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.2

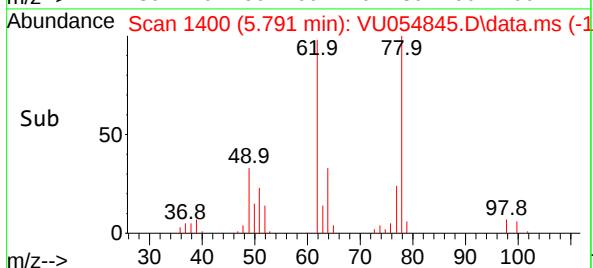
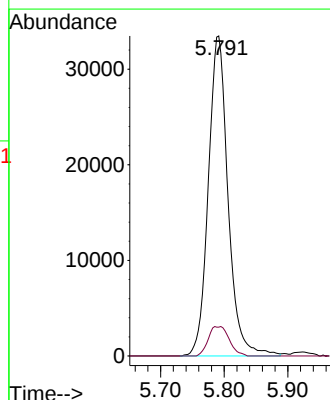
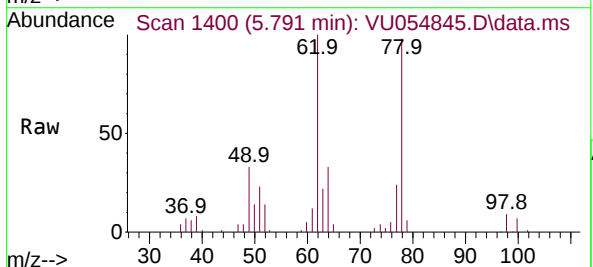
Manual Integrations
APPROVED

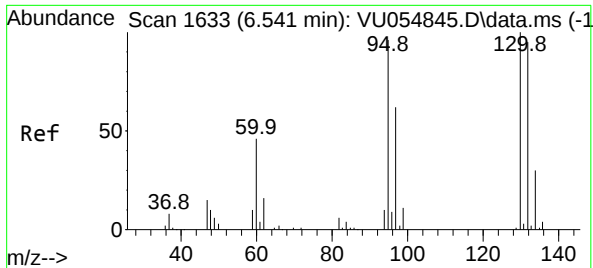
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#36
1,2-Dichloroethane
Concen: 10.506 ug/l
RT: 5.791 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

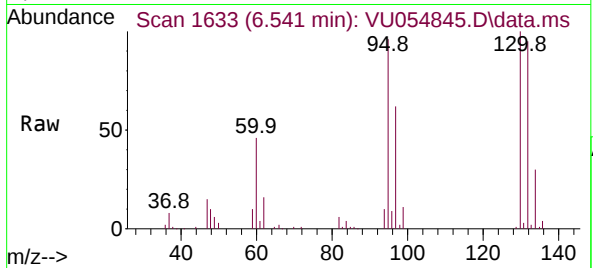
Tgt Ion: 62 Resp: 72148
Ion Ratio Lower Upper
62 100
98 9.8 7.8 11.8





#37
Trichloroethene
Concen: 10.319 ug/l
RT: 6.541 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

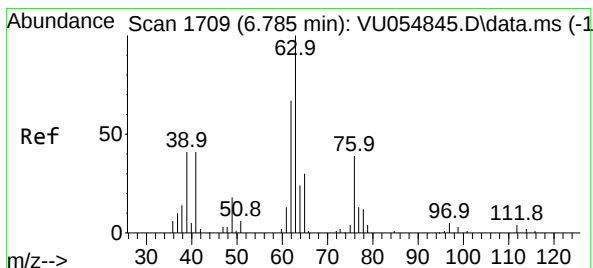
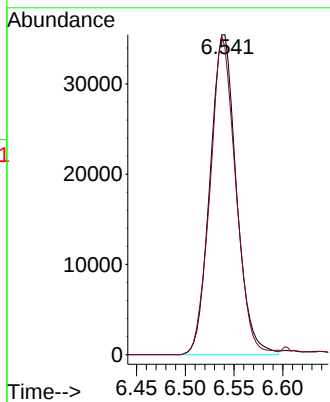
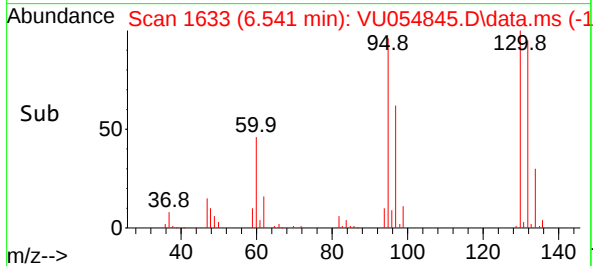
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



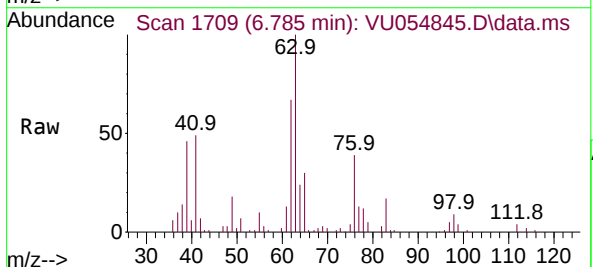
Tgt Ion:130 Resp: 6666
Ion Ratio Lower Upper
130 100
95 96.0 76.8 115.2

Manual Integrations
APPROVED

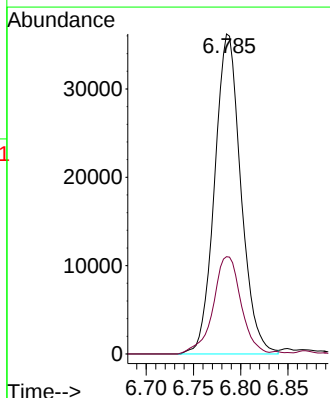
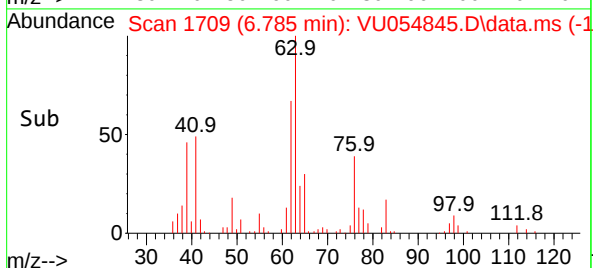
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

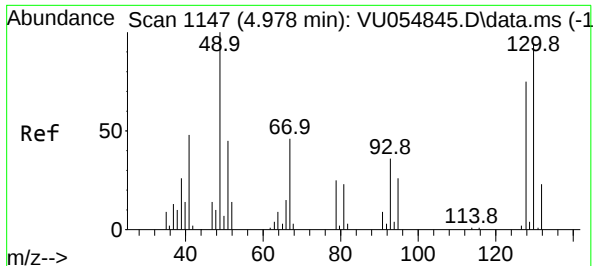


#38
1,2-Dichloropropane
Concen: 10.137 ug/l
RT: 6.785 min Scan# 1709
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33



Tgt Ion: 63 Resp: 69951
Ion Ratio Lower Upper
63 100
65 30.4 24.3 36.5





#39

Methacrylonitrile

Concen: 9.642 ug/l

RT: 4.978 min Scan# 1147

Delta R.T. -0.000 min

Lab File: VU054845.D

Acq: 21 Jul 2023 18:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 41 Resp: 1641

Ion Ratio Lower Upper

41 100

67 96.2 77.0 115.4

39 63.0 50.4 75.6

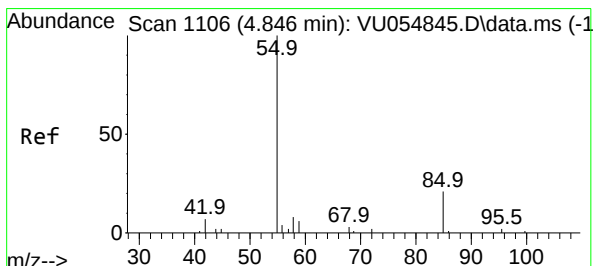
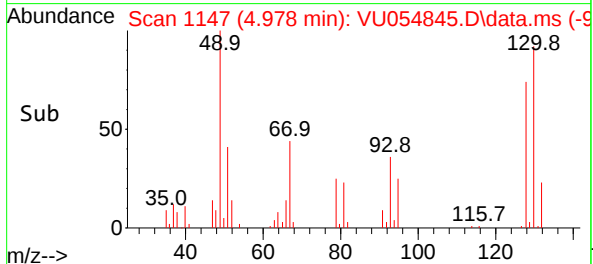
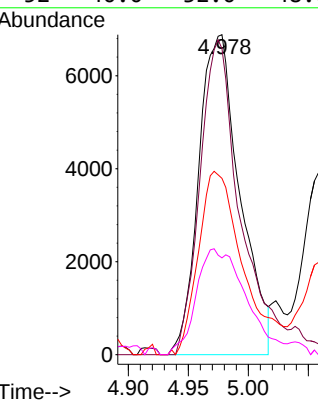
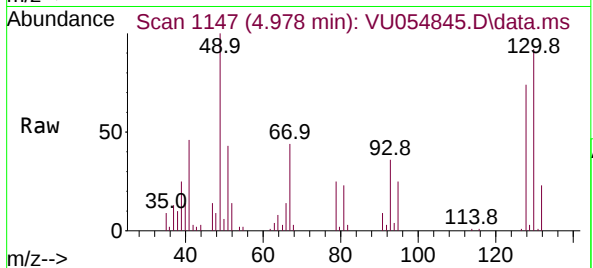
52 40.0 32.0 48.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#40

Methyl acrylate

Concen: 9.434 ug/l

RT: 4.846 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VU054845.D

Acq: 21 Jul 2023 18:33

Tgt Ion: 55 Resp: 27350

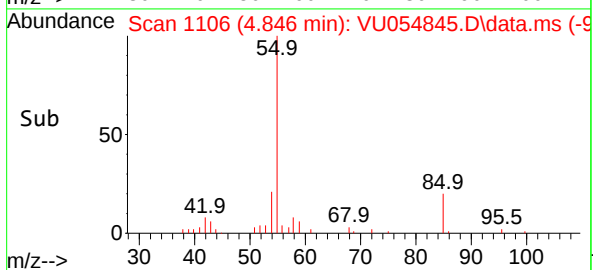
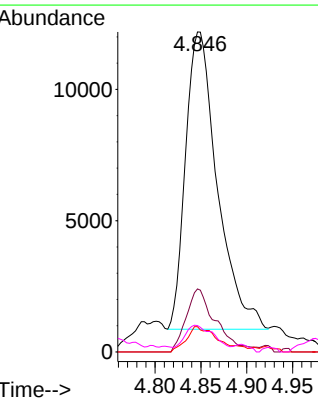
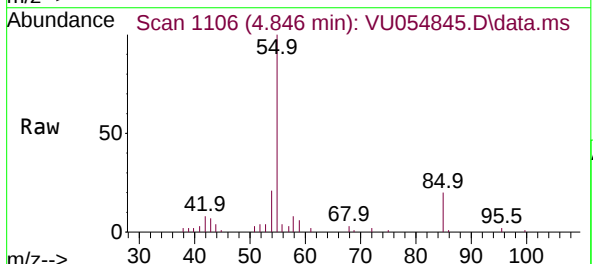
Ion Ratio Lower Upper

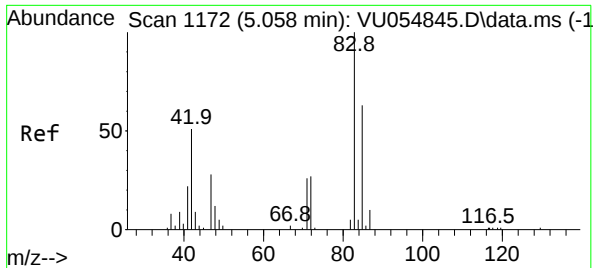
55 100

85 19.6 13.0 19.6#

58 8.5 5.7 8.5#

42 6.9 4.6 7.0





#41

Tetrahydrofuran

Concen: 18.522 ug/l

RT: 5.058 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VU054845.D

Acq: 21 Jul 2023 18:33

Instrument :

MSVOA_U

ClientSampleId :

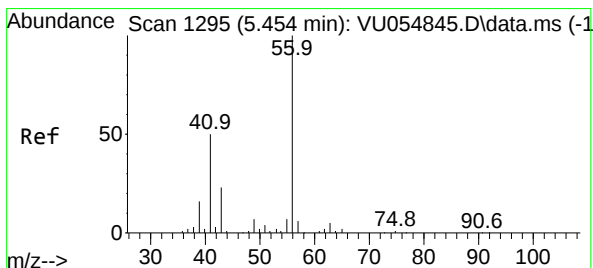
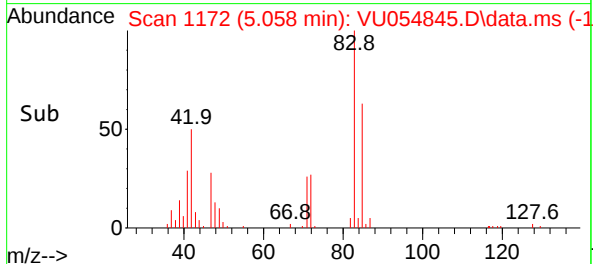
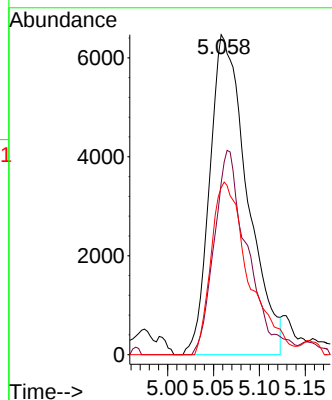
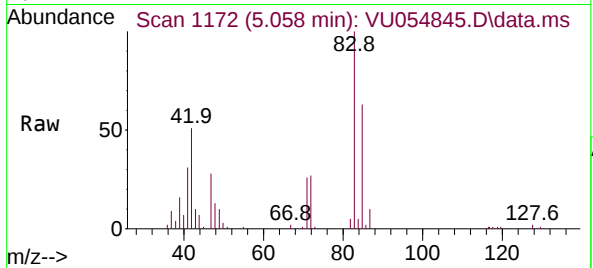
VSTDICCC010

Tgt Ion:	42	Resp:	1836
Ion Ratio	Lower	Upper	
42	100		
72	57.4	42.1	63.1
71	54.0	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: 10.333 ug/l

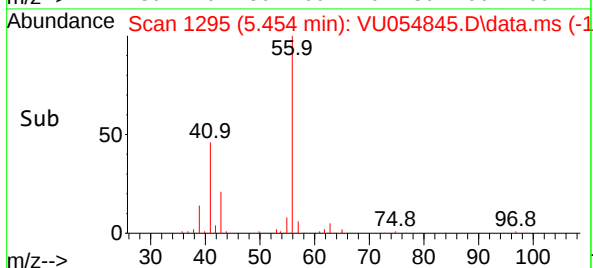
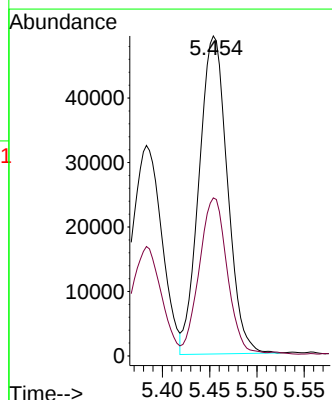
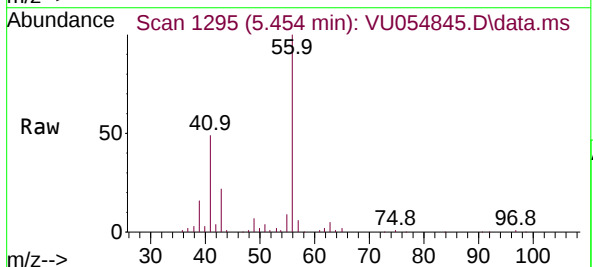
RT: 5.454 min Scan# 1295

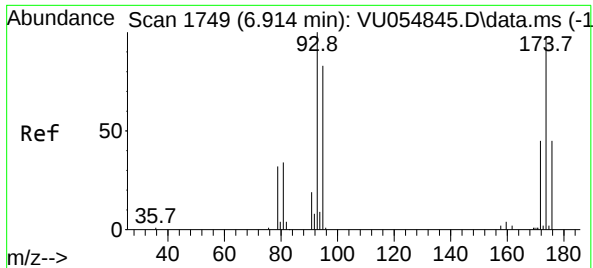
Delta R.T. 0.000 min

Lab File: VU054845.D

Acq: 21 Jul 2023 18:33

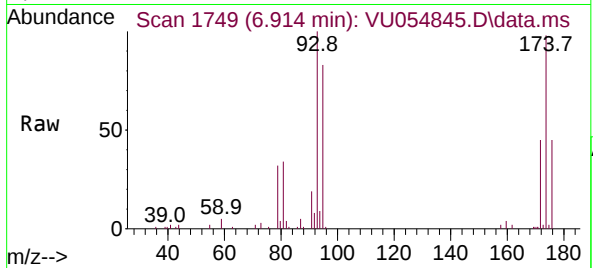
Tgt Ion:	56	Resp:	102819
Ion Ratio	Lower	Upper	
56	100		
41	47.8	23.9	71.7





#43
Dibromomethane
Concen: 10.544 ug/l
RT: 6.914 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

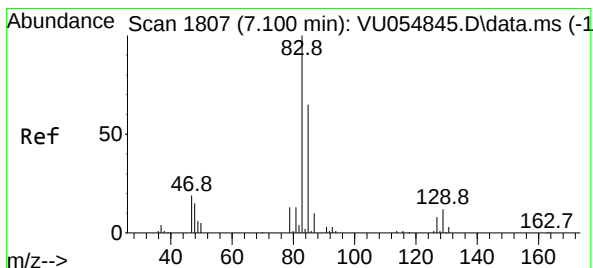
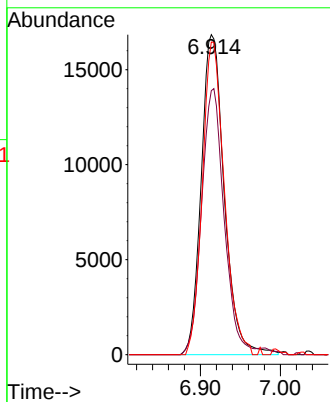
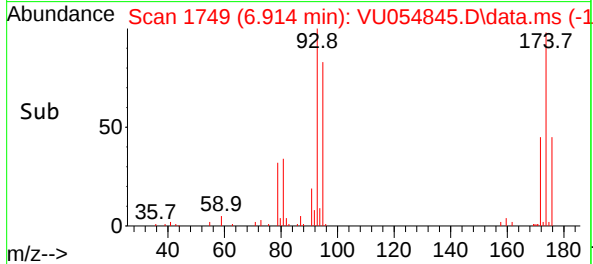
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



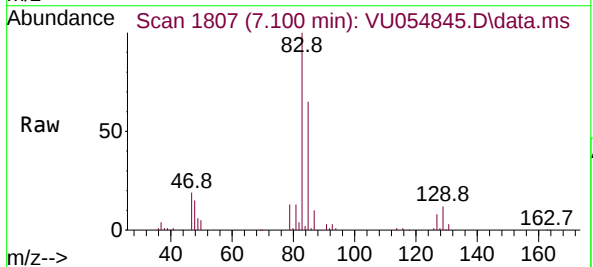
Tgt Ion: 93 Resp: 3384
Ion Ratio Lower Upper
93 100
95 80.9 64.7 97.1
174 93.0 74.4 111.6

Manual Integrations
APPROVED

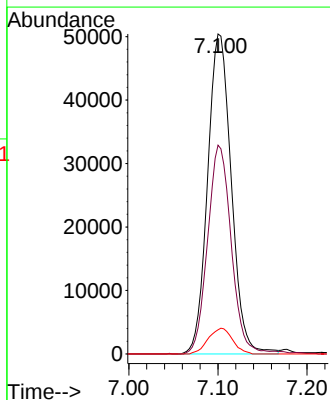
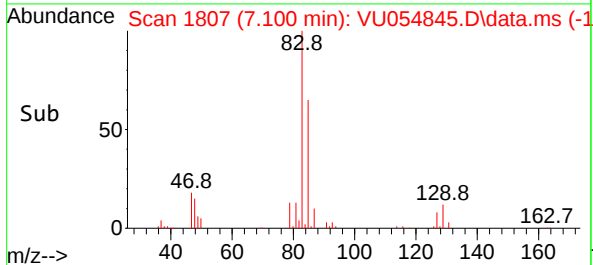
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

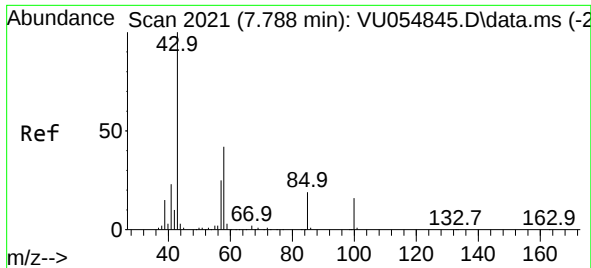


#44
Bromodichloromethane
Concen: 10.590 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33



Tgt Ion: 83 Resp: 93131
Ion Ratio Lower Upper
83 100
85 65.2 52.2 78.2
127 7.6 6.1 9.1





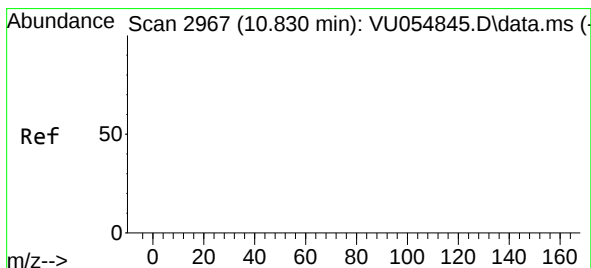
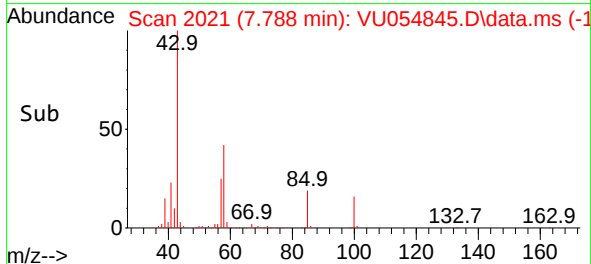
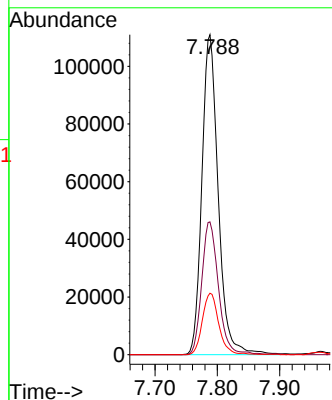
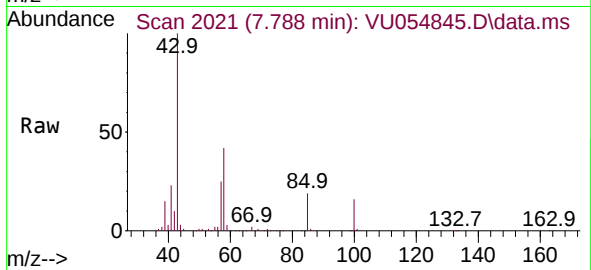
#45
4-Methyl-2-Pentanone
Concen: 53.178 ug/l
RT: 7.788 min Scan# 2021
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 202028
Ion Ratio Lower Upper
43 100
58 42.5 21.3 63.7
85 19.1 15.3 22.9

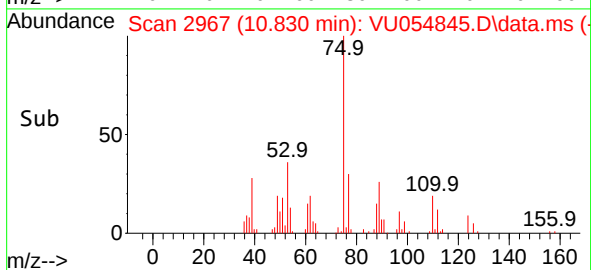
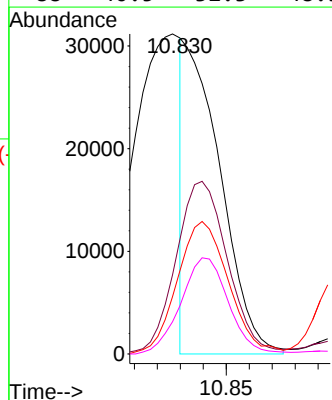
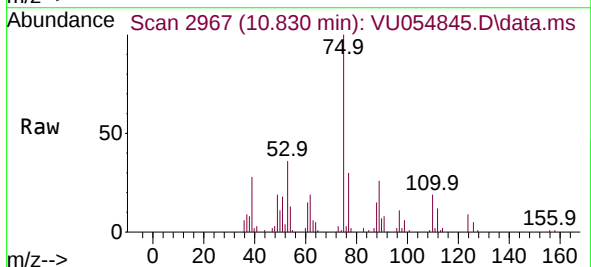
Manual Integrations
APPROVED

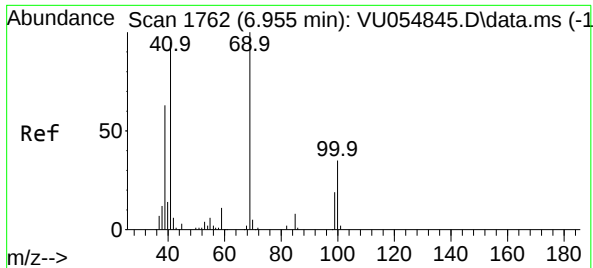
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#46
t-1,4-Dichloro-2-butene
Concen: 20.872 ug/l m
RT: 10.830 min Scan# 2967
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

Tgt Ion: 75 Resp: 33337
Ion Ratio Lower Upper
75 100
53 78.8 62.9 94.3
89 59.9 47.8 71.8
88 40.5 32.3 48.5





#47

Methyl methacrylate

Concen: 22.057 ug/l

RT: 6.955 min Scan# 1762

Delta R.T. 0.000 min

Lab File: VU054845.D

Acq: 21 Jul 2023 18:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 69 Resp: 6651

Ion Ratio Lower Upper

69 100

41 96.5 0.0 193.0

39 63.0 50.4 75.6

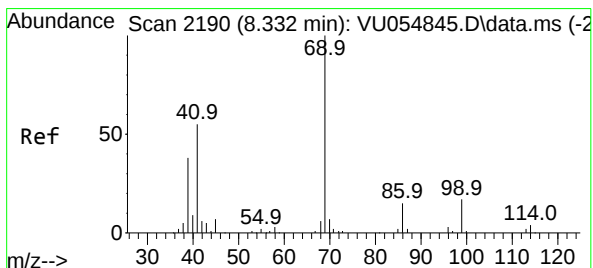
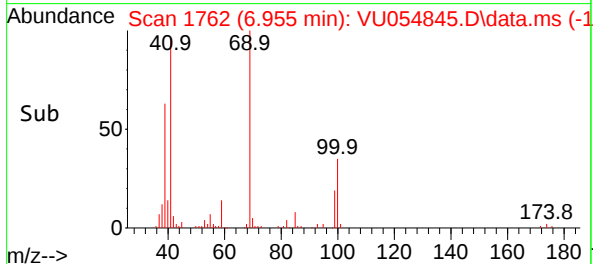
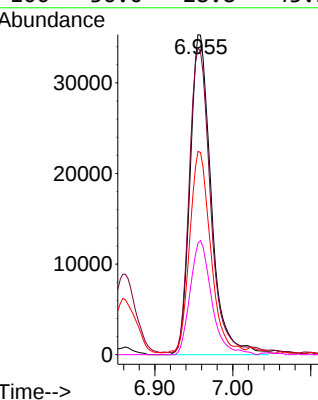
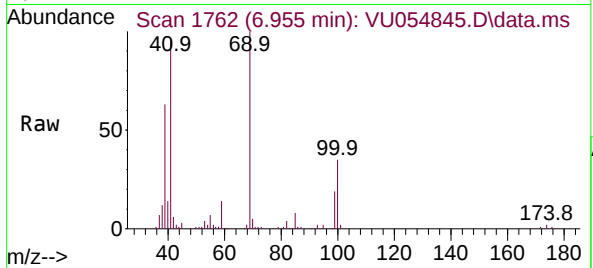
100 36.0 28.8 43.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#48

Ethyl methacrylate

Concen: 10.680 ug/l

RT: 8.332 min Scan# 2190

Delta R.T. 0.000 min

Lab File: VU054845.D

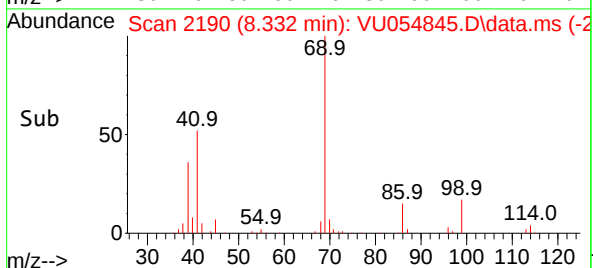
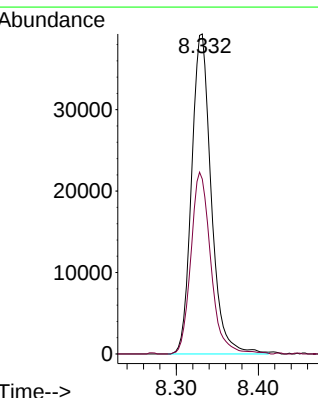
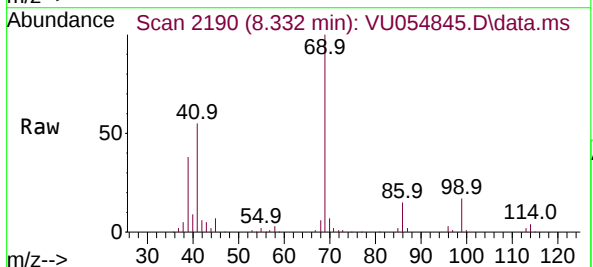
Acq: 21 Jul 2023 18:33

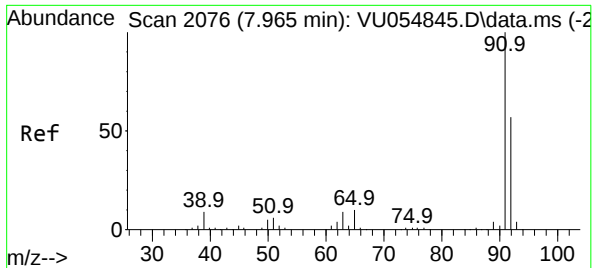
Tgt Ion: 69 Resp: 65432

Ion Ratio Lower Upper

69 100

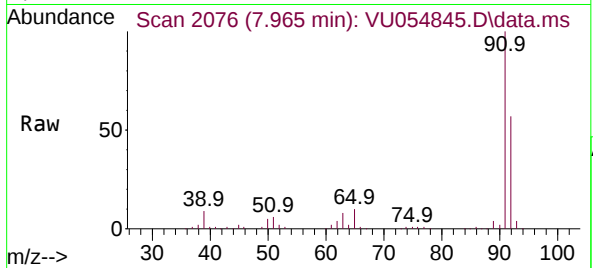
41 57.7 28.8 86.5





#49
Toluene
Concen: 10.537 ug/l
RT: 7.965 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

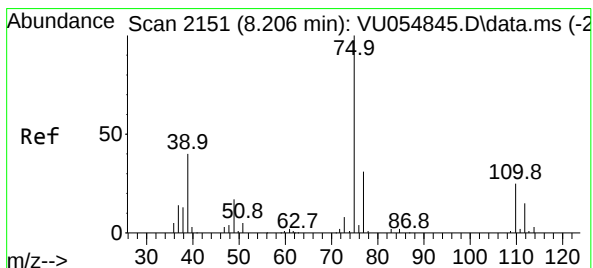
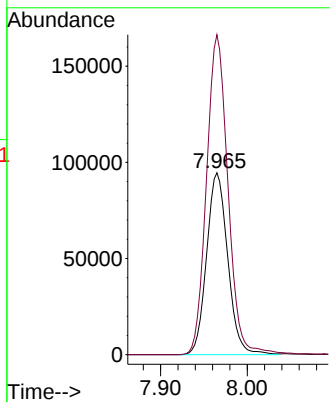
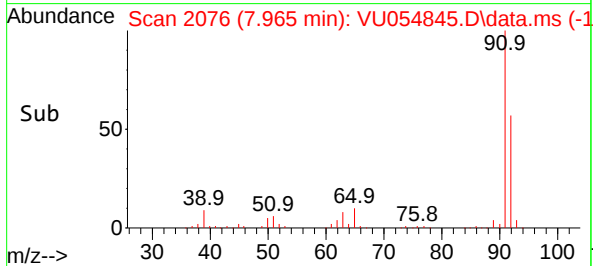
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



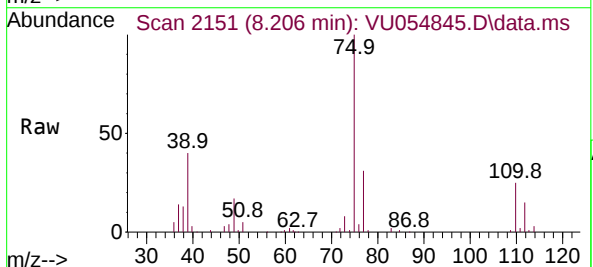
Tgt Ion: 92 Resp: 160710
Ion Ratio Lower Upper
92 100
91 178.6 142.9 214.3

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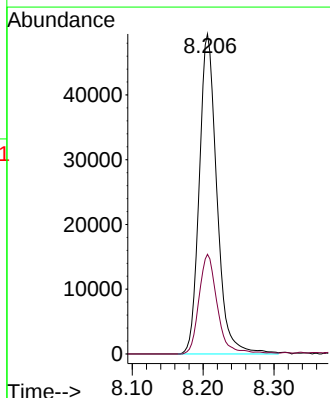
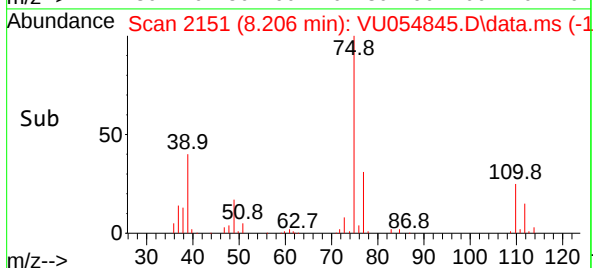
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

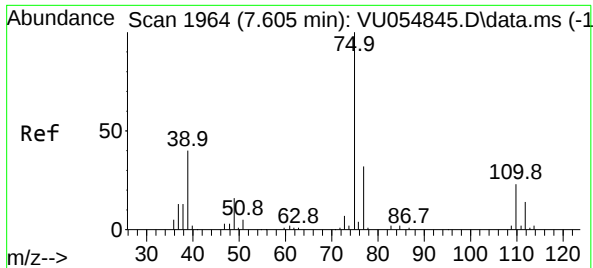


#50
t-1,3-Dichloropropene
Concen: 10.935 ug/l
RT: 8.206 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33



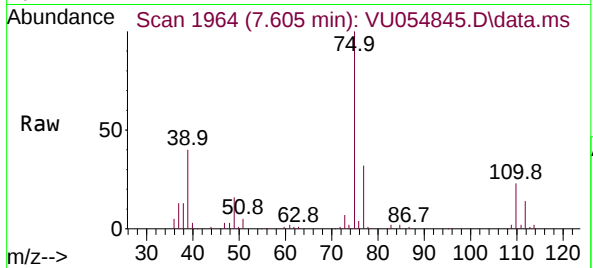
Tgt Ion: 75 Resp: 85246
Ion Ratio Lower Upper
75 100
77 31.1 24.9 37.3





#51
 cis-1,3-Dichloropropene
 Concen: 10.624 ug/l
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VU054845.D
 Acq: 21 Jul 2023 18:33

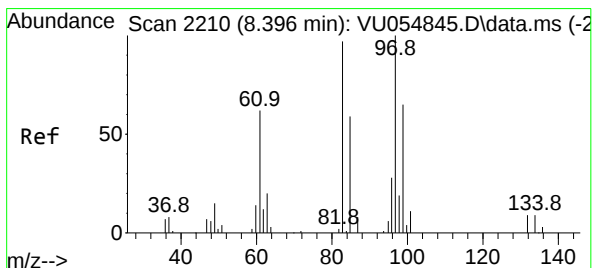
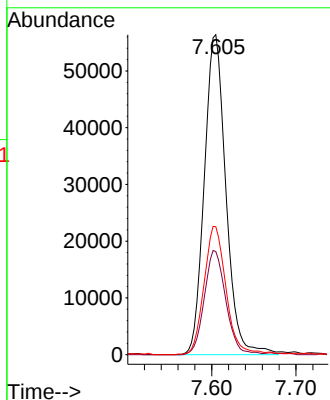
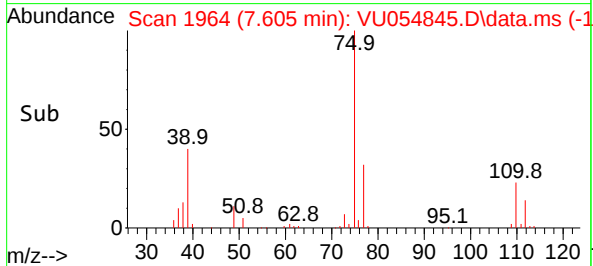
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 75 Resp: 100704
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.8 38.8
 39 39.6 31.7 47.5

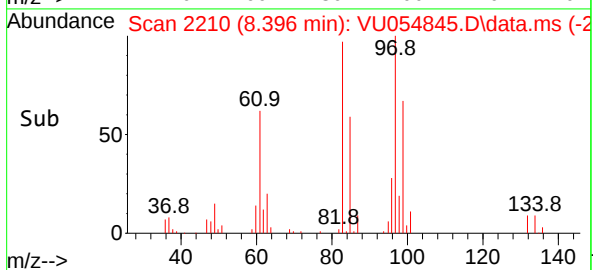
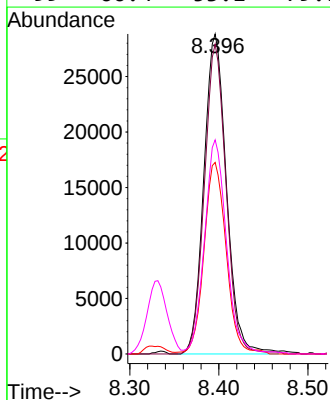
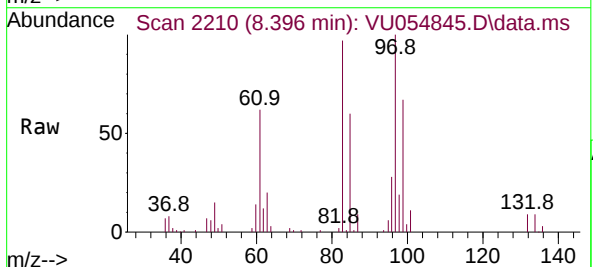
Manual Integrations
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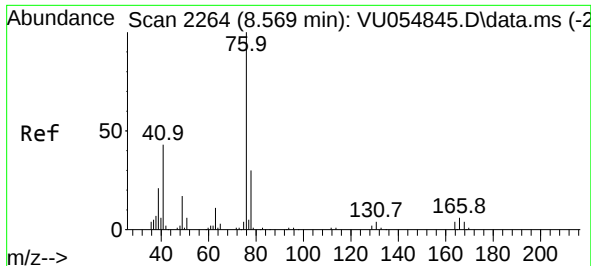
Reviewed By :Semsettin Yesilyurt 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#52
 1,1,2-Trichloroethane
 Concen: 10.494 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VU054845.D
 Acq: 21 Jul 2023 18:33

Tgt Ion: 97 Resp: 50823
 Ion Ratio Lower Upper
 97 100
 83 96.8 77.4 116.2
 85 59.8 47.8 71.8
 99 66.4 53.1 79.7





#53

1,3-Dichloropropane

Concen: 10.881 ug/l

RT: 8.569 min Scan# 2264

Delta R.T. 0.000 min

Lab File: VU054845.D

Acq: 21 Jul 2023 18:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 76 Resp: 8881

Ion Ratio Lower Upper

76 100

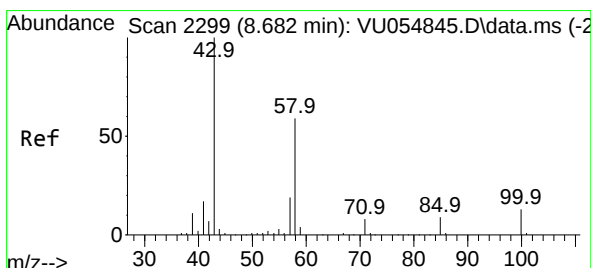
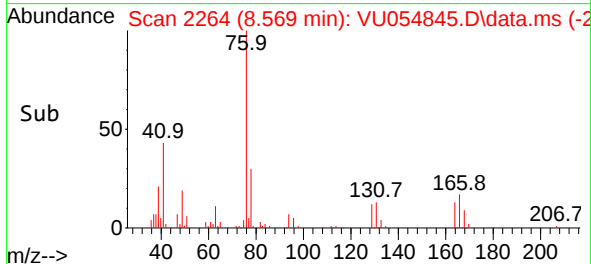
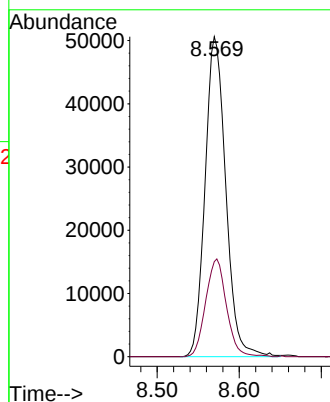
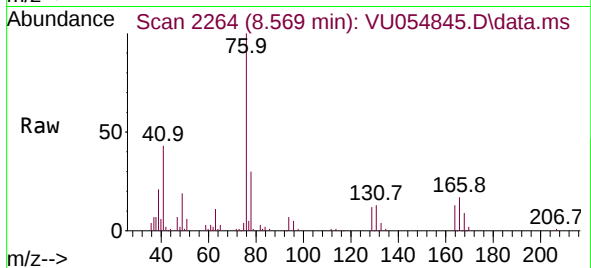
78 30.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#54

2-Hexanone

Concen: 52.314 ug/l

RT: 8.682 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VU054845.D

Acq: 21 Jul 2023 18:33

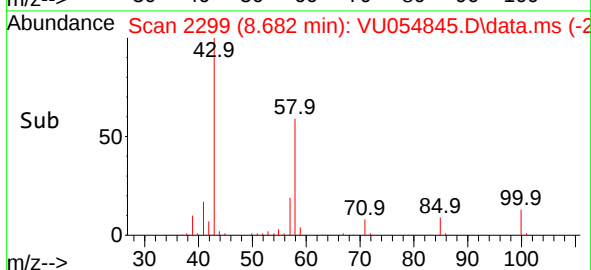
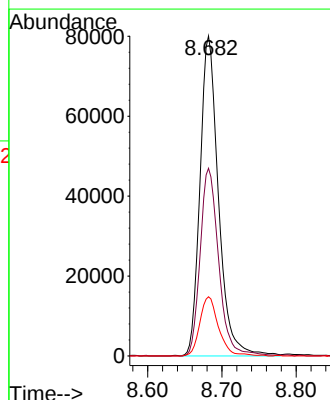
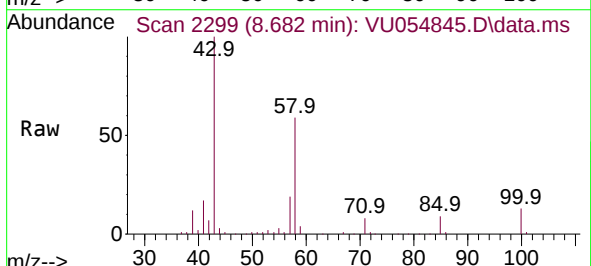
Tgt Ion: 43 Resp: 138559

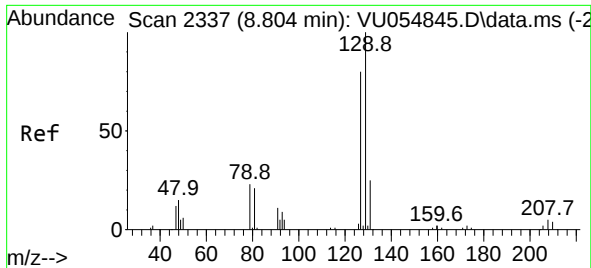
Ion Ratio Lower Upper

43 100

58 58.9 38.9 78.9

57 18.7 0.0 38.7





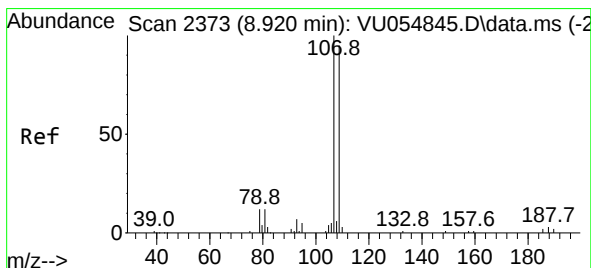
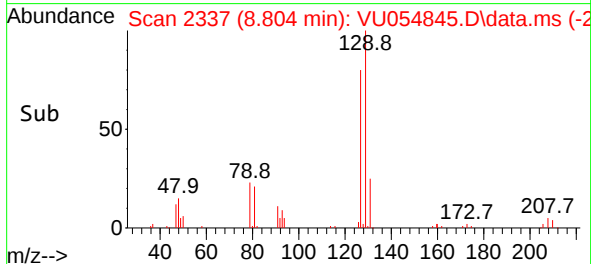
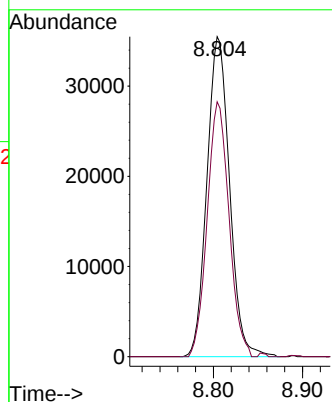
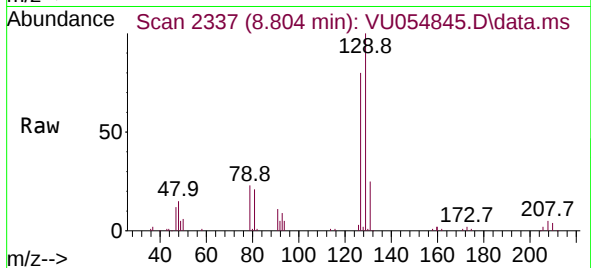
#55
Dibromochloromethane
Concen: 10.817 ug/l
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:129 Resp: 62599
Ion Ratio Lower Upper
129 100
127 76.7 61.4 92.0

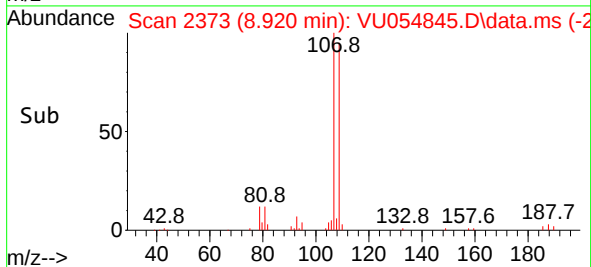
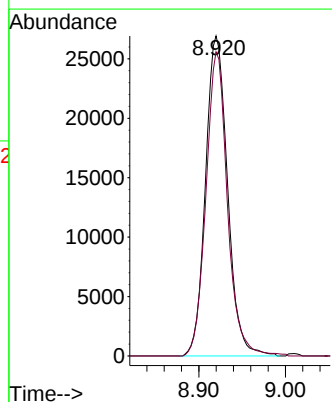
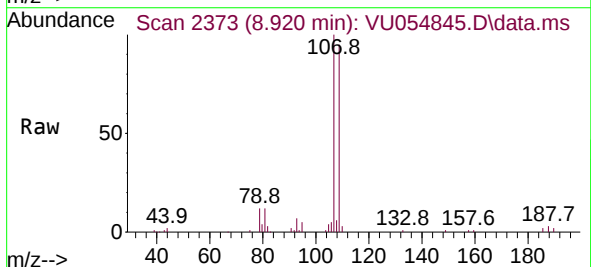
Manual Integrations
APPROVED

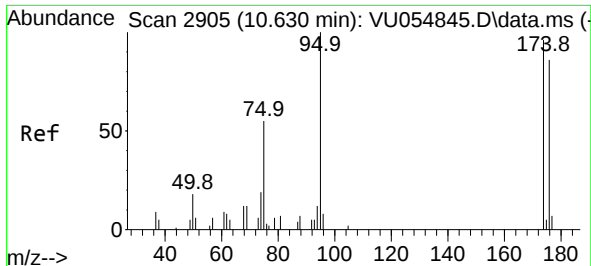
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#56
1,2-Dibromoethane
Concen: 11.243 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

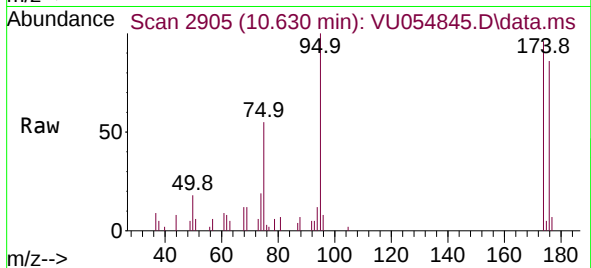
Tgt Ion:107 Resp: 47627
Ion Ratio Lower Upper
107 100
109 92.7 0.0 185.4





#57
4-Bromofluorobenzene
Concen: 1.013 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

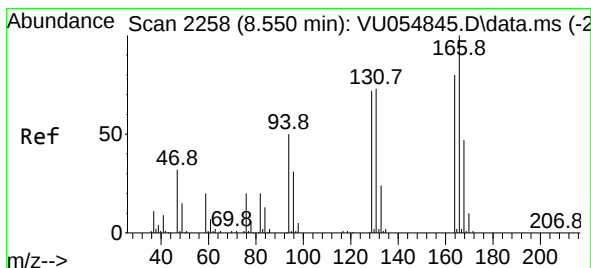
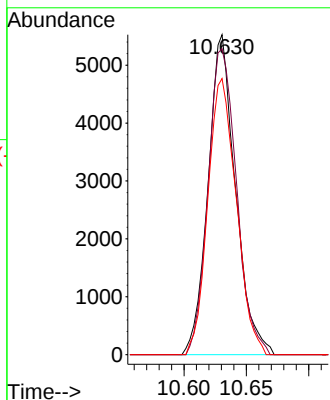
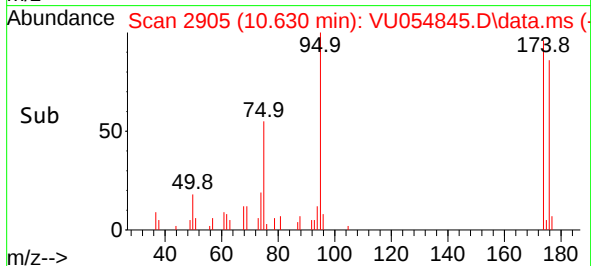
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



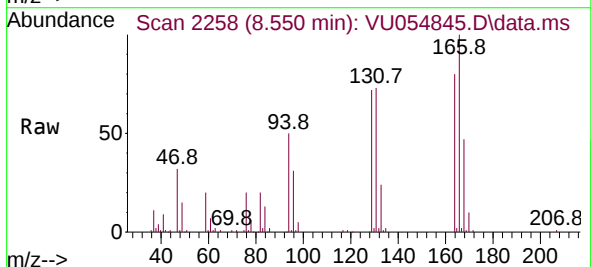
Tgt Ion: 95 Resp: 847
Ion Ratio Lower Upper
95 100
174 99.1 79.3 118.9
176 89.4 71.5 107.3

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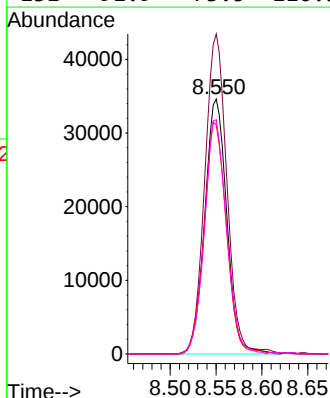
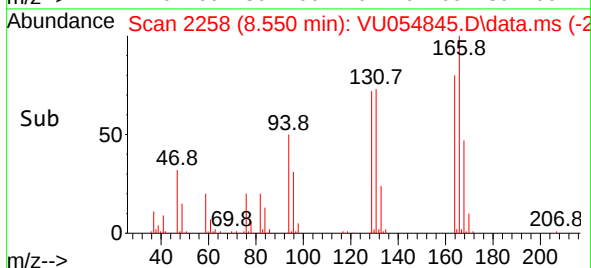
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

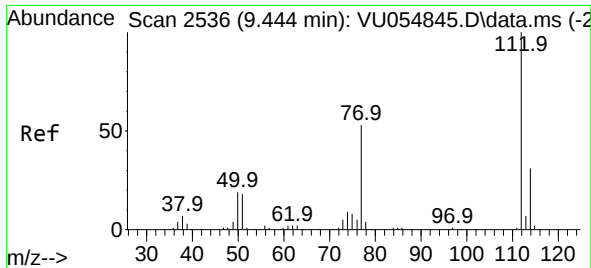


#58
Tetrachloroethene
Concen: 10.282 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33



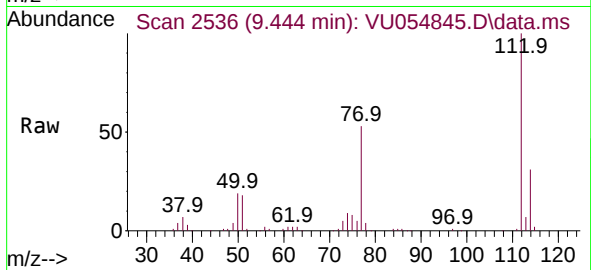
Tgt Ion:164 Resp: 57883
Ion Ratio Lower Upper
164 100
166 125.5 100.4 150.6
129 89.9 71.9 107.9
131 91.9 73.5 110.3





#59
Chlorobenzene
Concen: 10.630 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

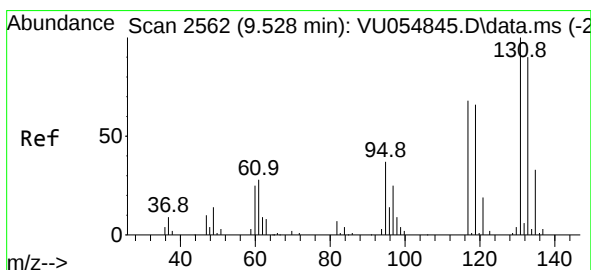
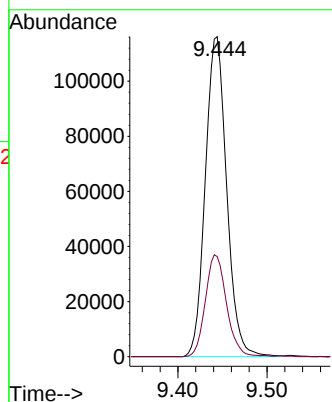
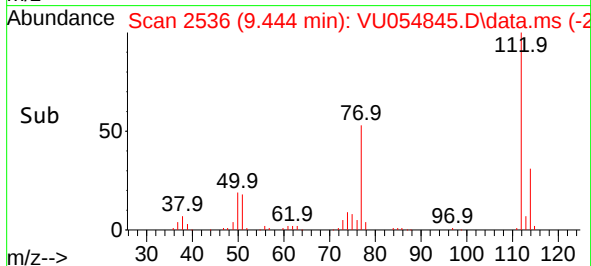
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



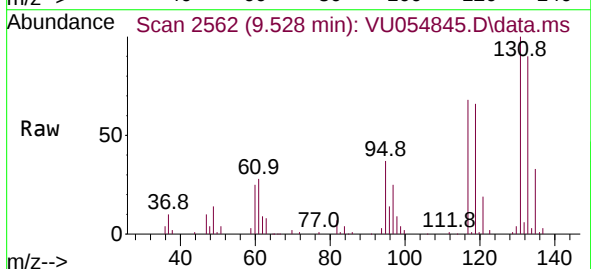
Tgt Ion:112 Resp: 19327
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.6

Manual Integrations
APPROVED

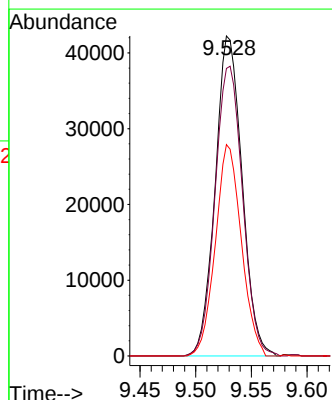
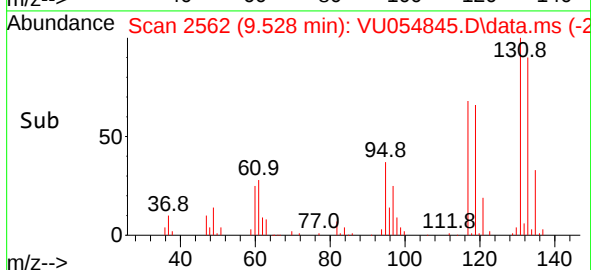
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

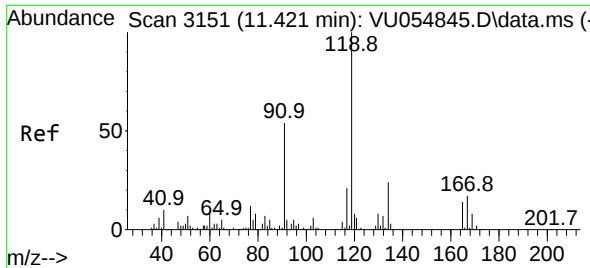


#60
1,1,1,2-Tetrachloroethane
Concen: 11.059 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33



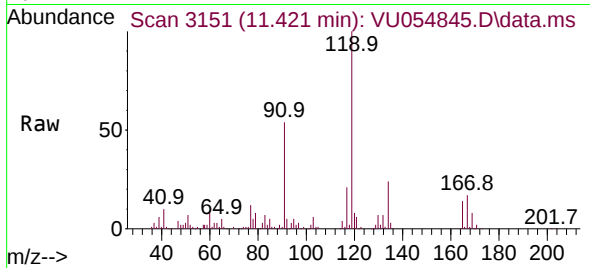
Tgt Ion:131 Resp: 70979
Ion Ratio Lower Upper
131 100
133 92.8 74.2 111.4
119 63.7 51.0 76.4





#61
Pentachloroethane
Concen: 10.866 ug/l
RT: 11.421 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

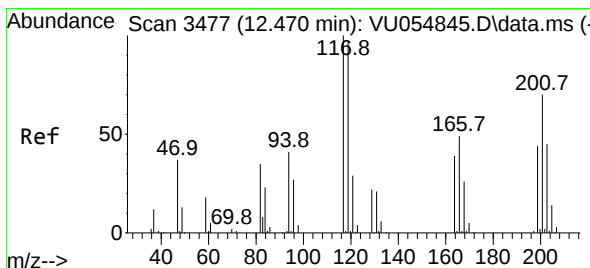
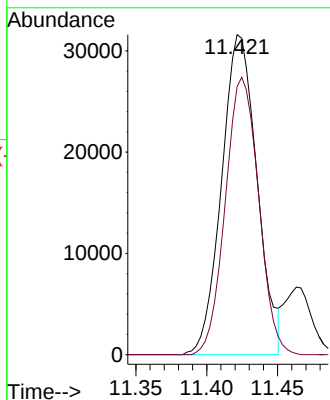
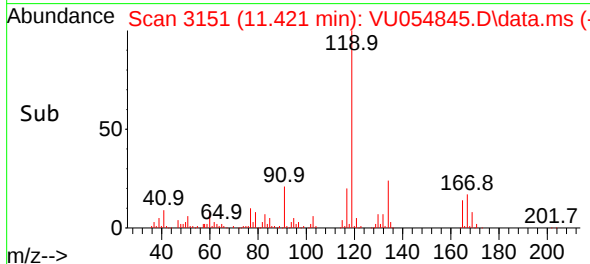
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



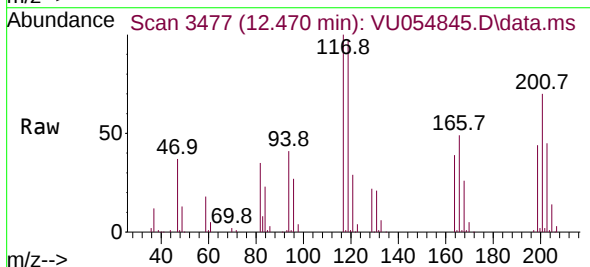
Tgt Ion:117 Resp: 5490
Ion Ratio Lower Upper
117 100
167 81.6 65.3 97.9

Manual Integrations
APPROVED

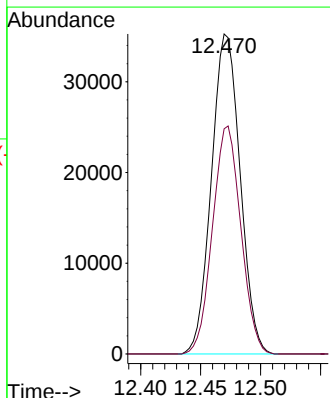
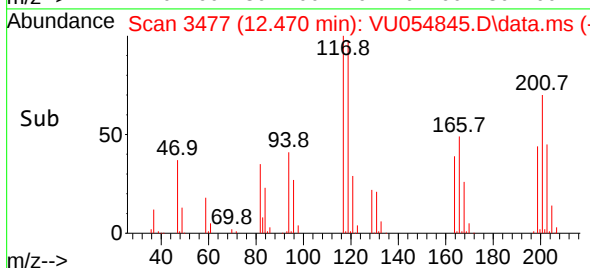
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

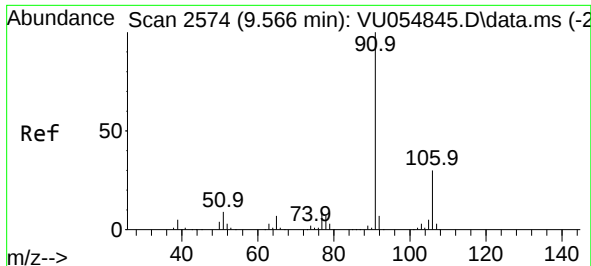


#62
Hexachloroethane
Concen: 11.324 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33



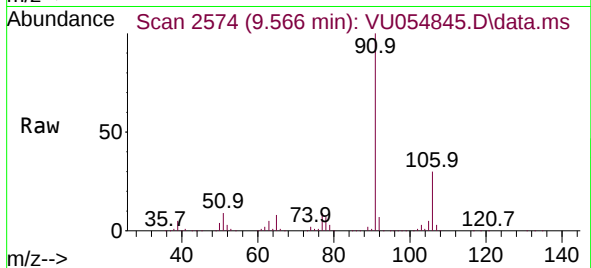
Tgt Ion:117 Resp: 58774
Ion Ratio Lower Upper
117 100
201 70.1 56.1 84.1





#63
Ethyl Benzene
Concen: 10.718 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

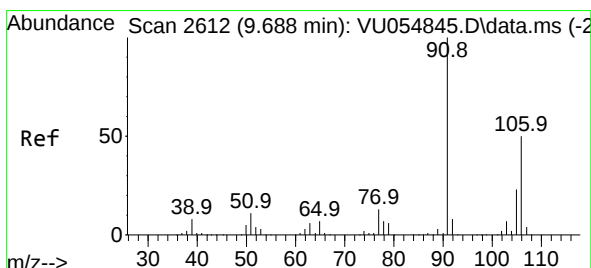
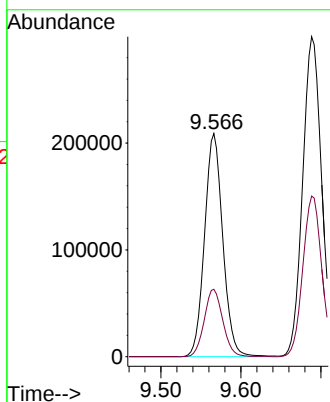
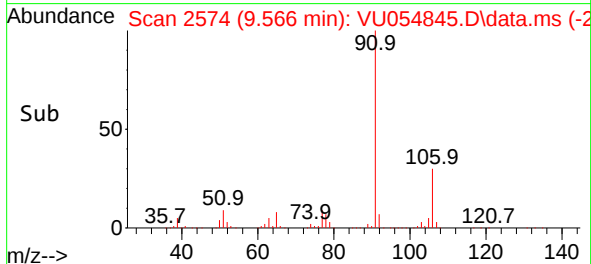
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



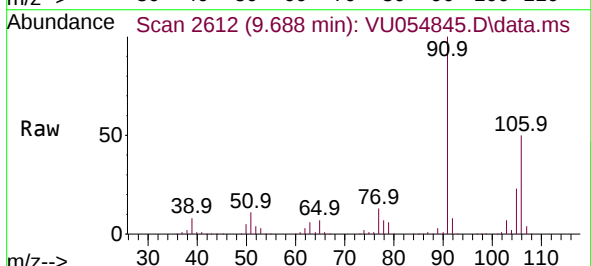
Tgt Ion: 91 Resp: 332188
Ion Ratio Lower Upper
91 100
106 30.2 24.2 36.2

Manual Integrations
APPROVED

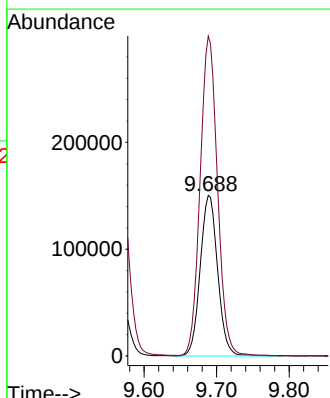
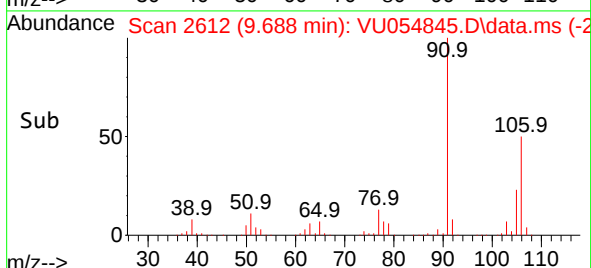
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

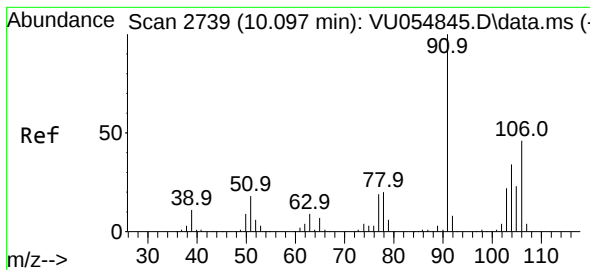


#64
m/p-Xylenes
Concen: 21.386 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33



Tgt Ion:106 Resp: 250604
Ion Ratio Lower Upper
106 100
91 198.5 158.8 238.2





#65

o-Xylene

Concen: 10.414 ug/l

RT: 10.097 min Scan# 2739

Delta R.T. 0.000 min

Lab File: VU054845.D

Acq: 21 Jul 2023 18:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion:106 Resp: 122910

Ion Ratio Lower Upper

106 100

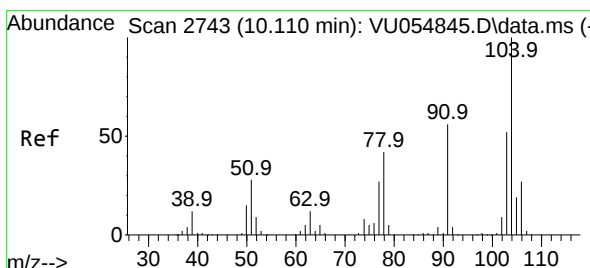
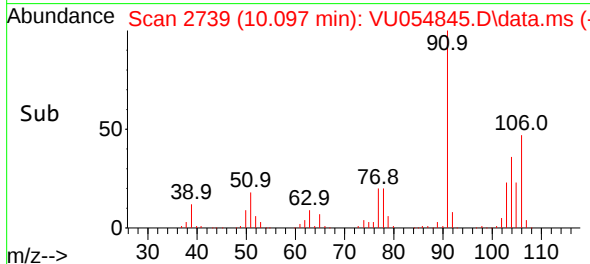
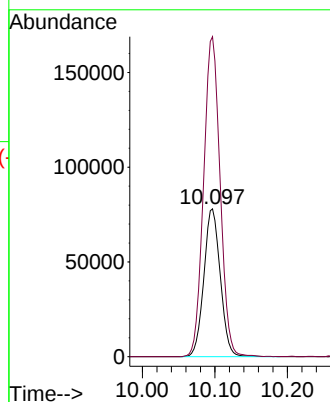
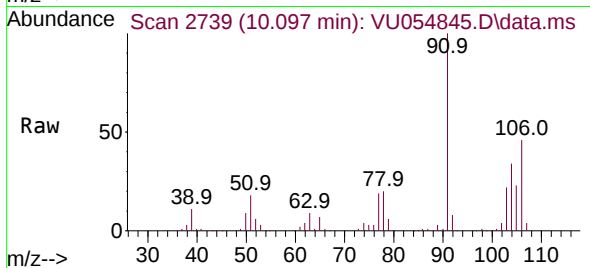
91 217.9 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#66

Styrene

Concen: 10.829 ug/l

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU054845.D

Acq: 21 Jul 2023 18:33

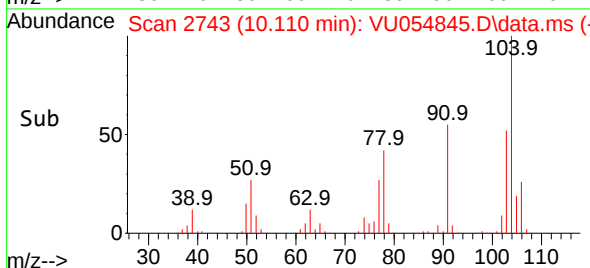
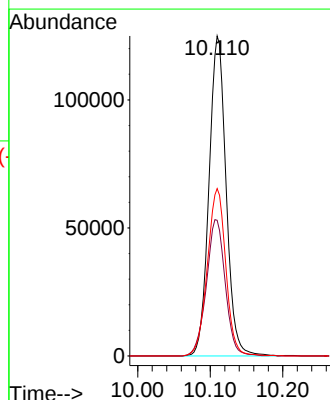
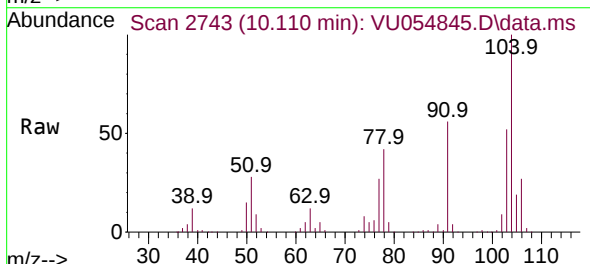
Tgt Ion:104 Resp: 205368

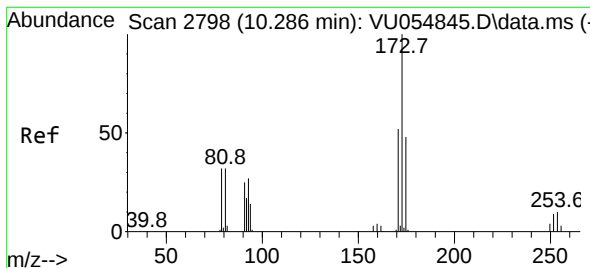
Ion Ratio Lower Upper

104 100

78 46.9 37.5 56.3

103 56.5 45.2 67.8





#67

Bromoform

Concen: 11.100 ug/l

RT: 10.286 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054845.D

Acq: 21 Jul 2023 18:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

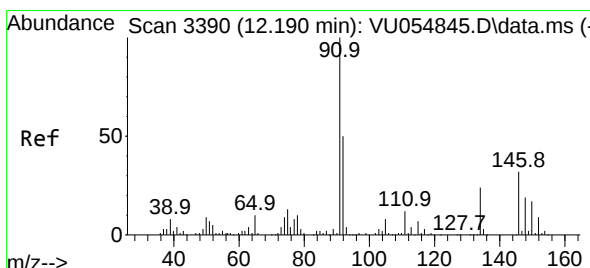
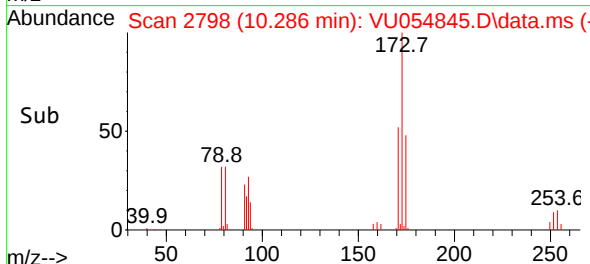
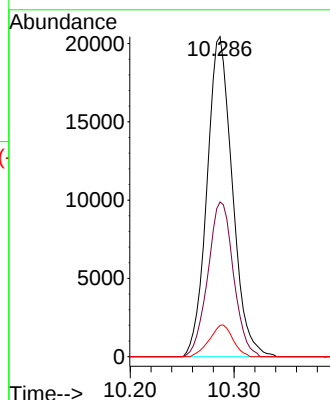
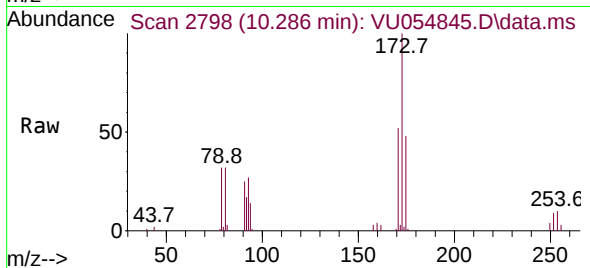
Tgt Ion:	173	Resp:	3461
Ion Ratio	Lower	Upper	
173	100		
175	48.8	39.0	58.6
254	9.2	7.4	11.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#68

1,2-Dichlorobenzene-d4

Concen: 1.026 ug/l

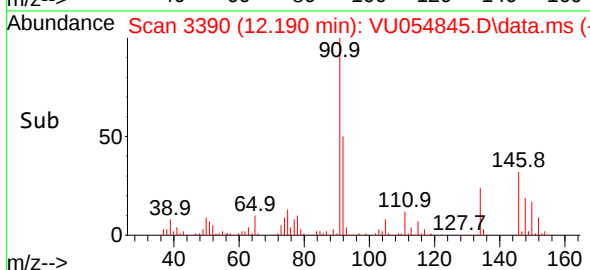
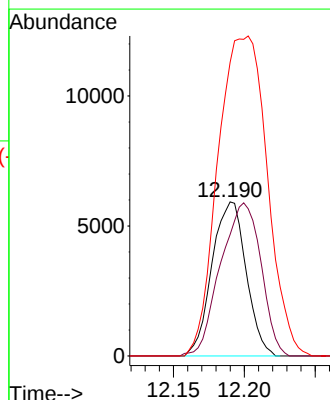
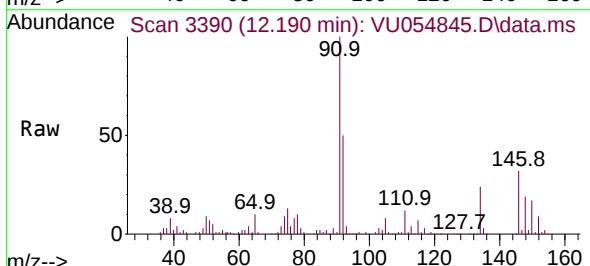
RT: 12.190 min Scan# 3390

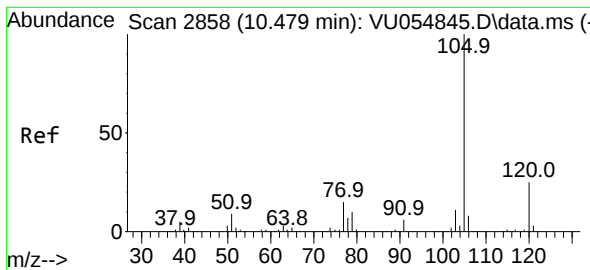
Delta R.T. 0.000 min

Lab File: VU054845.D

Acq: 21 Jul 2023 18:33

Tgt Ion:	152	Resp:	9929
Ion Ratio	Lower	Upper	
152	100		
115	117.4	0.0	234.8
150	299.1	0.0	598.2





#69

Isopropylbenzene

Concen: 10.757 ug/l

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU054845.D

Acq: 21 Jul 2023 18:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion:105 Resp: 34450

Ion Ratio Lower Upper

105 100

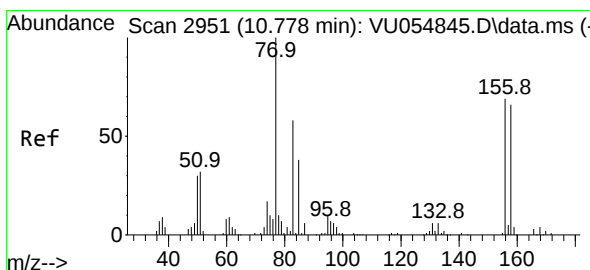
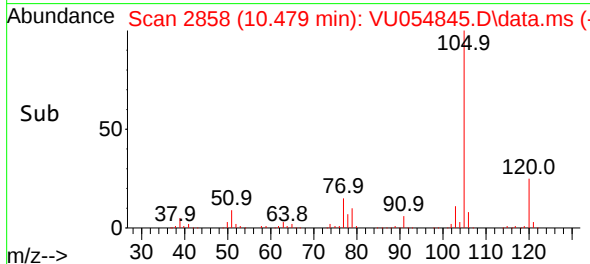
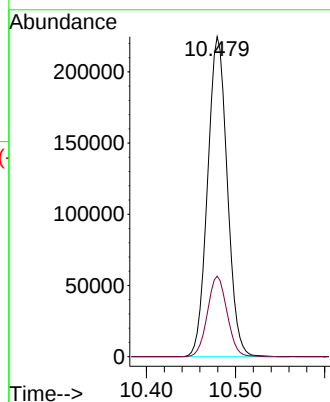
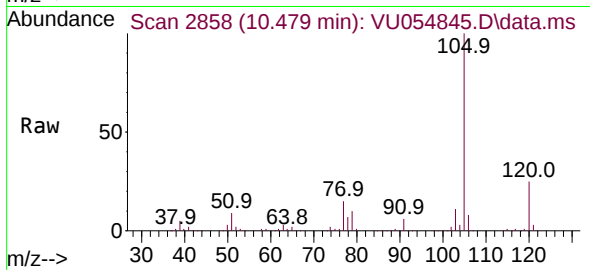
120 25.1 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#70

1,1,2,2-Tetrachloroethane

Concen: 10.730 ug/l

RT: 10.778 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VU054845.D

Acq: 21 Jul 2023 18:33

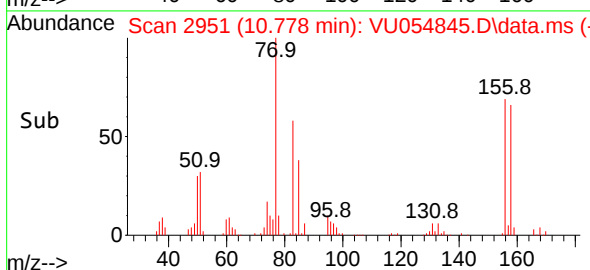
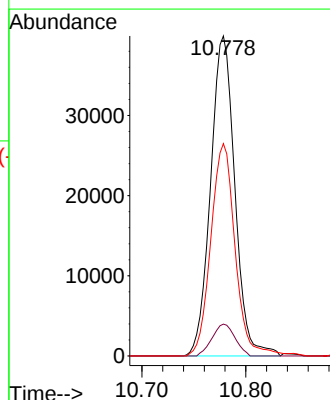
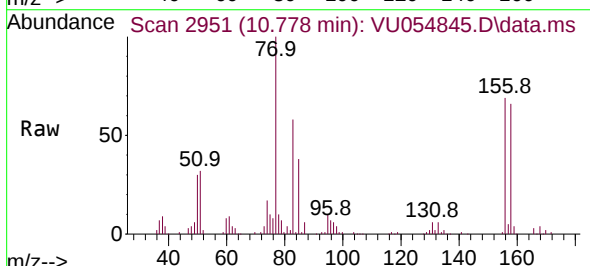
Tgt Ion: 83 Resp: 64801

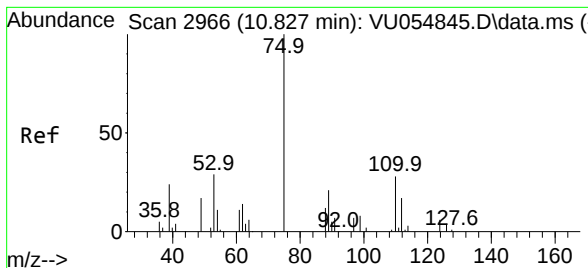
Ion Ratio Lower Upper

83 100

131 9.4 7.5 11.3

85 66.3 53.0 79.6





#71

1,2,3-Trichloropropane

Concen: 10.386 ug/l m

RT: 10.827 min Scan# 2966

Delta R.T. 0.000 min

Lab File: VU054845.D

Acq: 21 Jul 2023 18:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

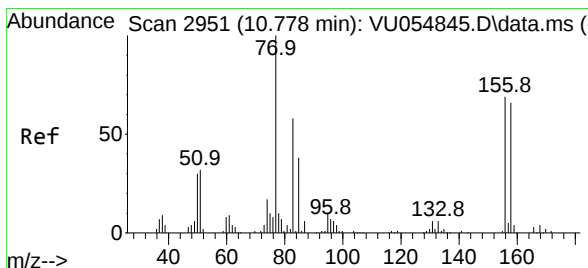
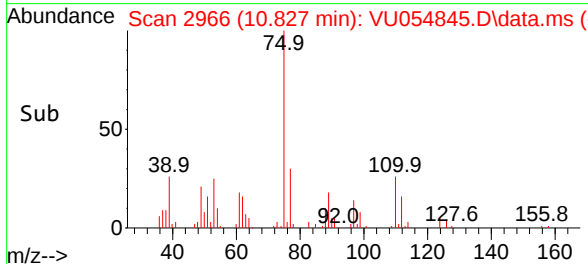
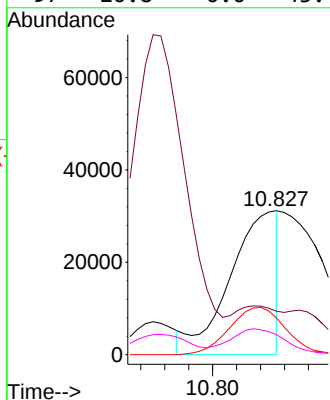
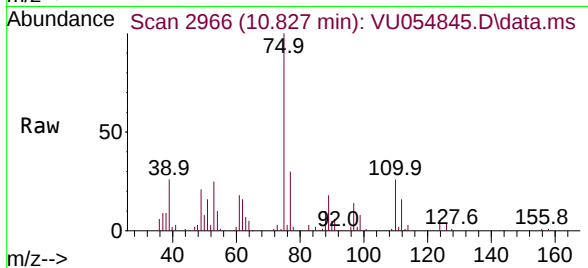
Tgt Ion: 75 Resp: 43100

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	38.8	0.0	80.8
97	20.8	0.0	43.4

Manual Integrations

APPROVED

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



#72

Bromobenzene

Concen: 10.444 ug/l

RT: 10.778 min Scan# 2951

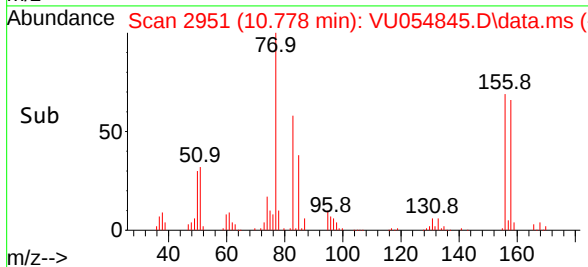
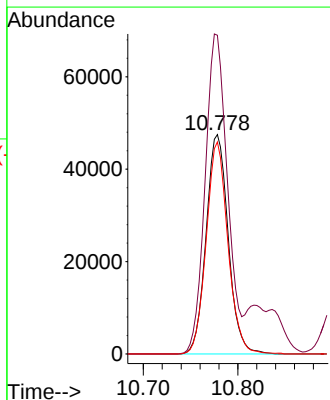
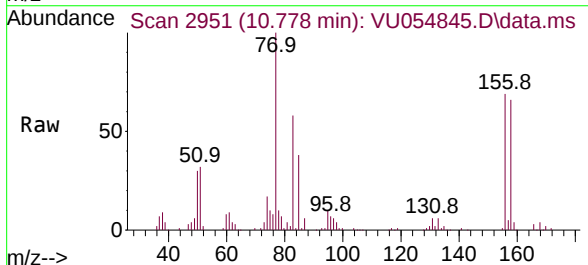
Delta R.T. 0.000 min

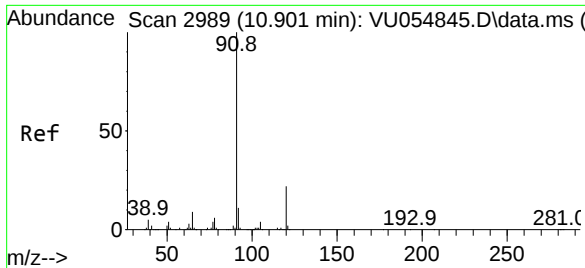
Lab File: VU054845.D

Acq: 21 Jul 2023 18:33

Tgt Ion:156 Resp: 77164

Ion	Ratio	Lower	Upper
156	100		
77	146.6	0.0	293.2
158	94.9	0.0	189.8





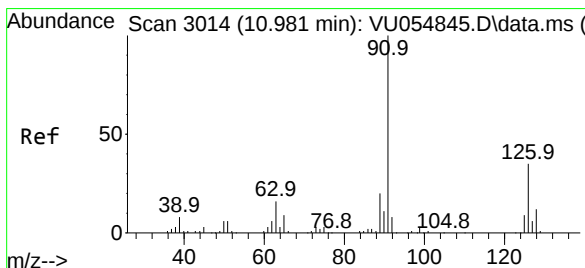
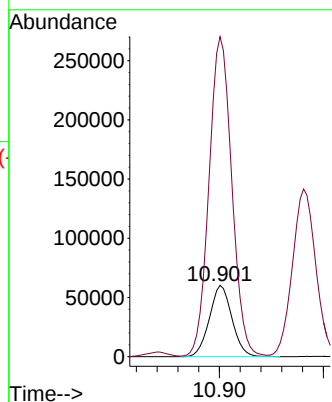
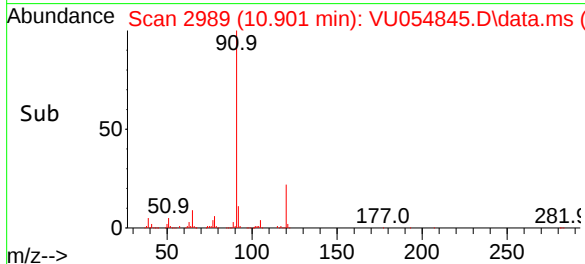
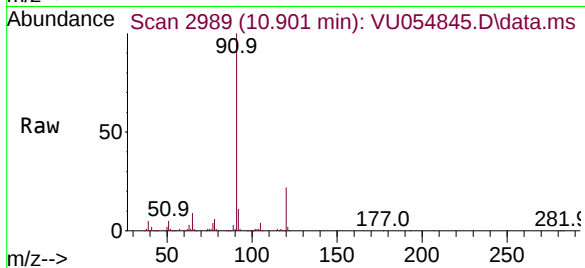
#73
n-propylbenzene
Concen: 10.520 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:120 Resp: 90515
Ion Ratio Lower Upper
120 100
91 452.2 361.8 542.6

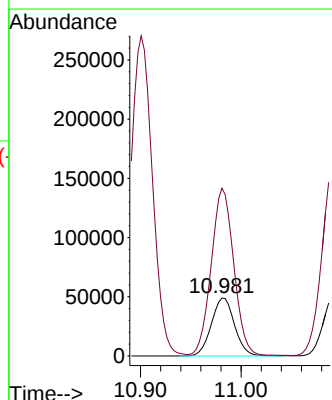
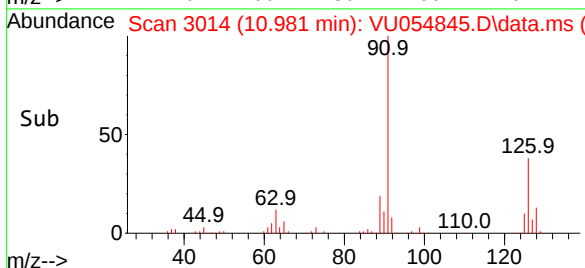
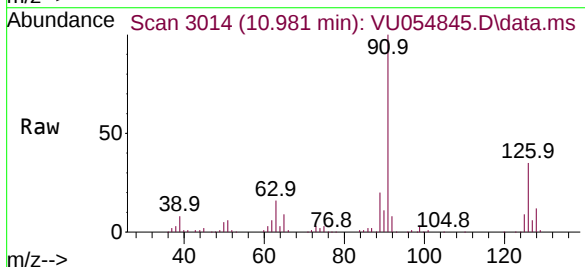
Manual Integrations
APPROVED

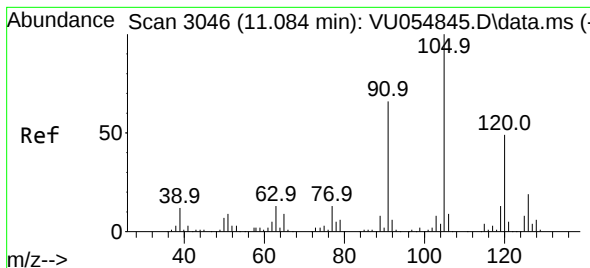
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#74
2-Chlorotoluene
Concen: 10.442 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

Tgt Ion:126 Resp: 78233
Ion Ratio Lower Upper
126 100
91 280.7 0.0 561.4





#75

1,3,5-Trimethylbenzene

Concen: 10.656 ug/l

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU054845.D

Acq: 21 Jul 2023 18:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion:105 Resp: 27800

Ion Ratio Lower Upper

105 100

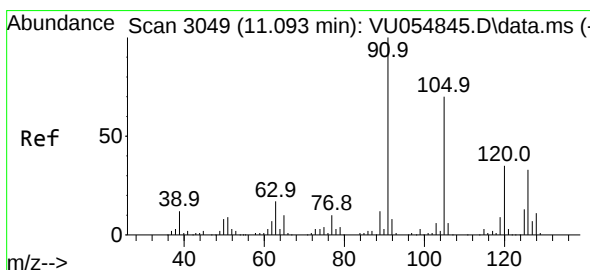
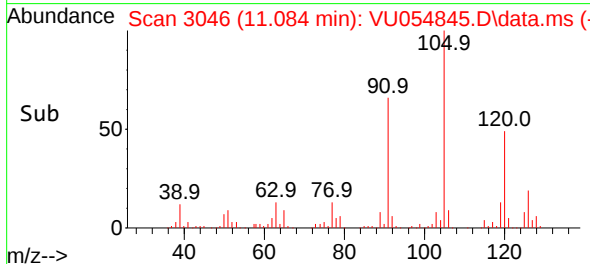
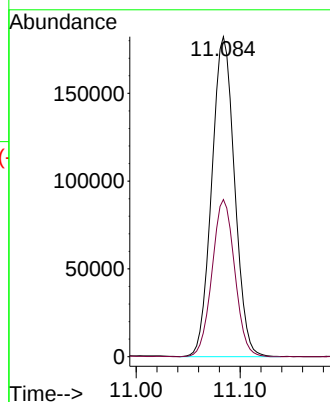
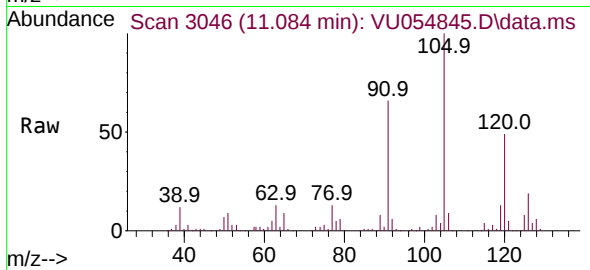
120 48.7 39.0 58.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#76

4-Chlorotoluene

Concen: 10.780 ug/l

RT: 11.093 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VU054845.D

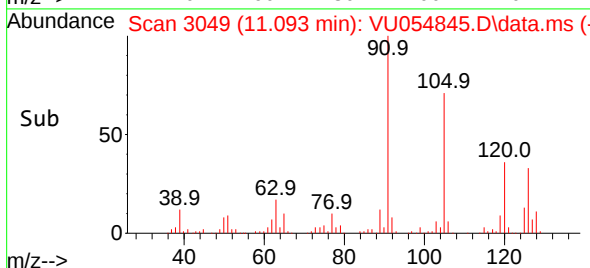
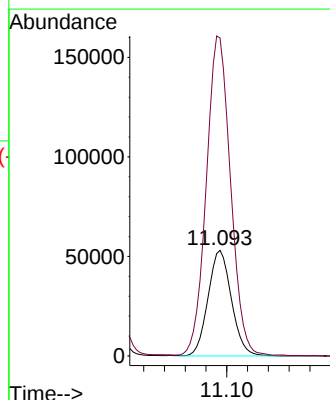
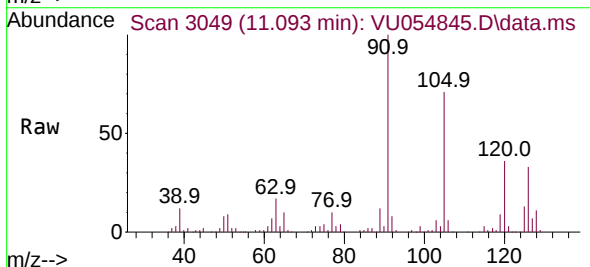
Acq: 21 Jul 2023 18:33

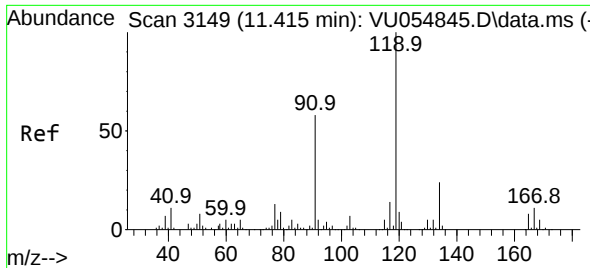
Tgt Ion:126 Resp: 83032

Ion Ratio Lower Upper

126 100

91 311.7 0.0 623.4





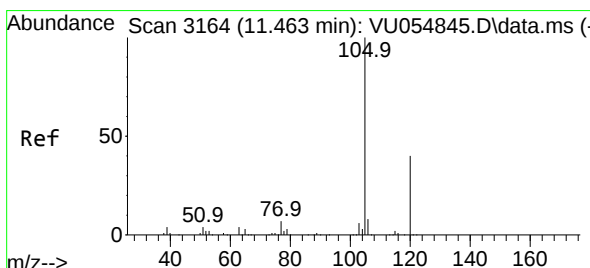
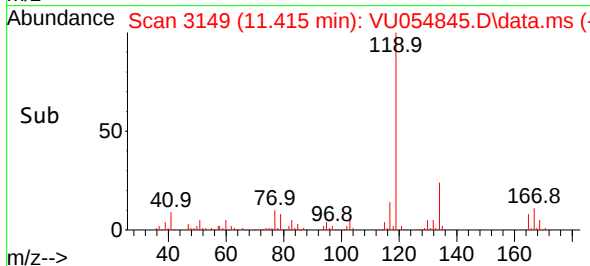
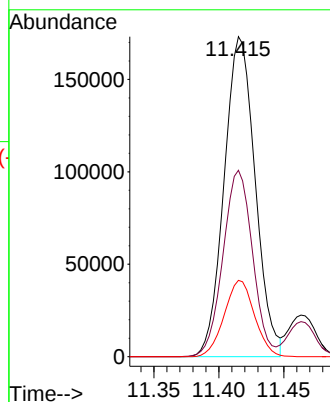
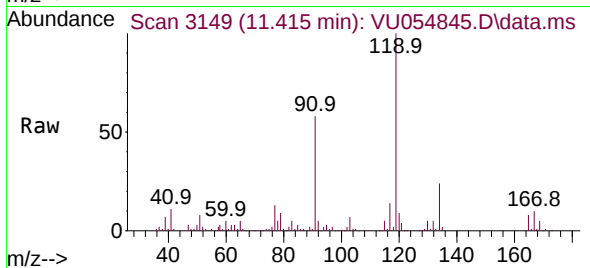
#77
tert-Butylbenzene
Concen: 10.727 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:119 Resp: 28821
Ion Ratio Lower Upper
119 100
91 55.4 27.7 83.1
134 23.2 18.6 27.8

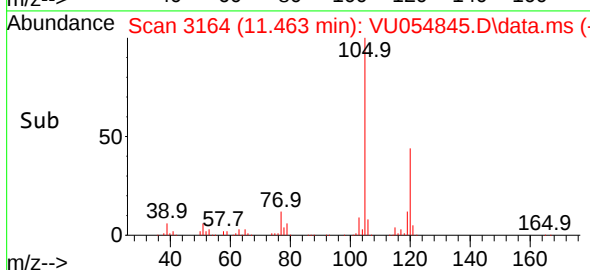
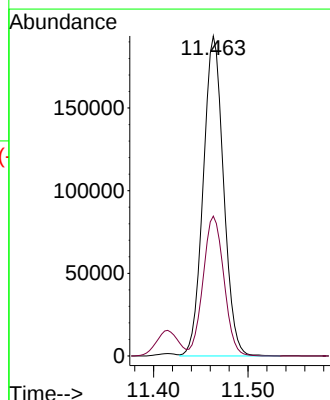
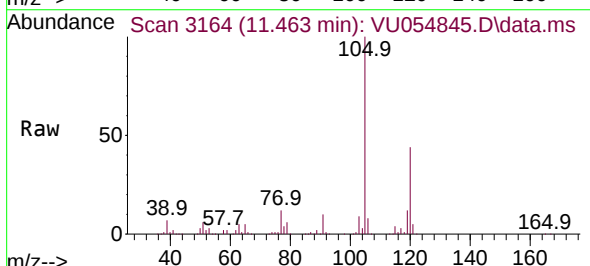
Manual Integrations
APPROVED

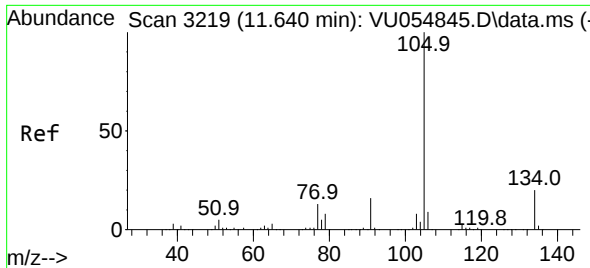
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#78
1,2,4-Trimethylbenzene
Concen: 11.021 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

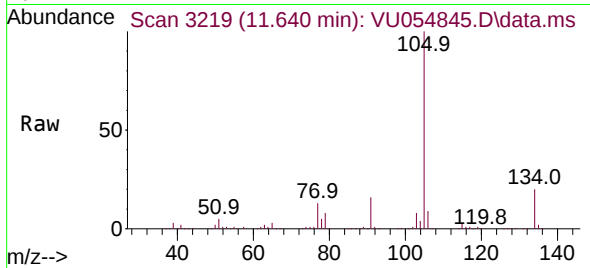
Tgt Ion:105 Resp: 289147
Ion Ratio Lower Upper
105 100
120 44.9 22.4 67.3





#79
 sec-Butylbenzene
 Concen: 10.987 ug/l
 RT: 11.640 min Scan# 3219
 Delta R.T. 0.000 min
 Lab File: VU054845.D
 Acq: 21 Jul 2023 18:33

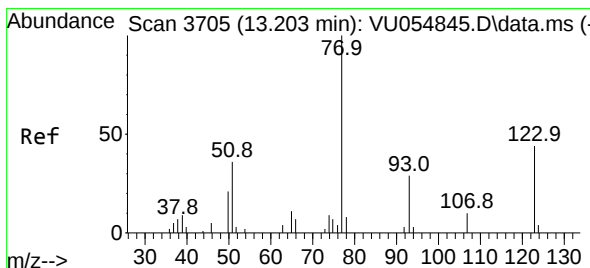
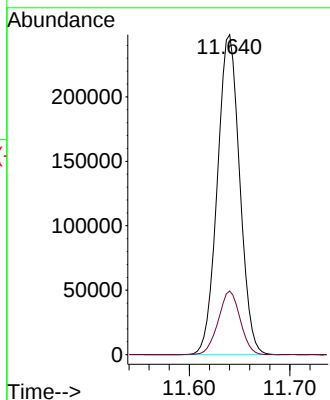
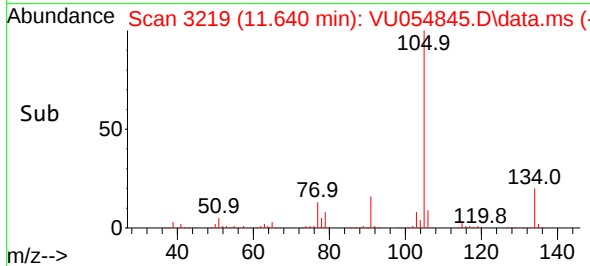
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010



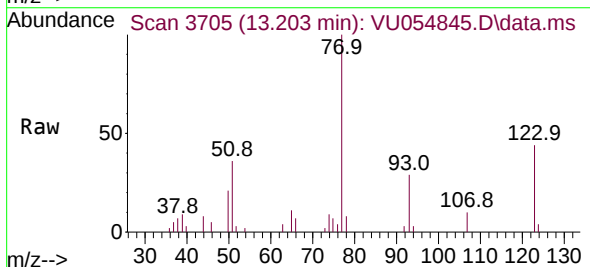
Tgt Ion:105 Resp: 38302
 Ion Ratio Lower Upper
 105 100
 134 19.6 15.7 23.5

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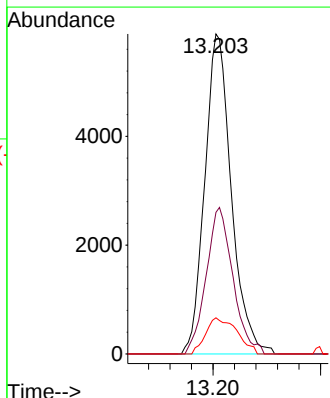
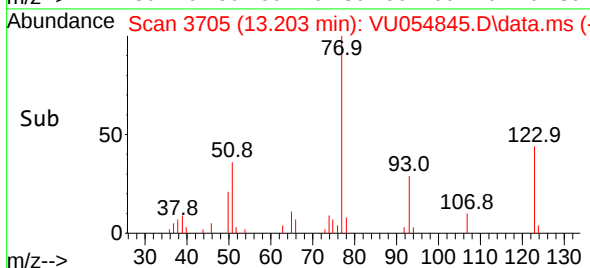
Reviewed By :Semsettin Yesilyurt 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023

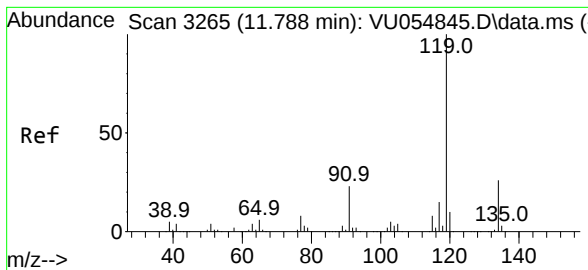


#80
 Nitrobenzene
 Concen: 46.107 ug/l
 RT: 13.203 min Scan# 3705
 Delta R.T. -0.000 min
 Lab File: VU054845.D
 Acq: 21 Jul 2023 18:33



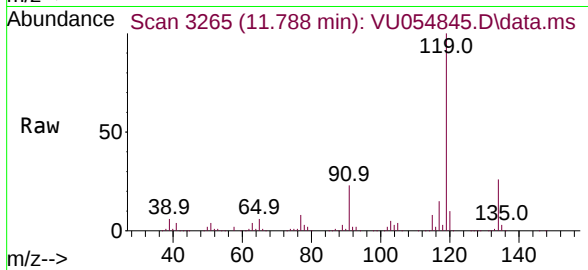
Tgt Ion: 77 Resp: 10086
 Ion Ratio Lower Upper
 77 100
 123 46.0 20.2 71.8
 65 13.3 11.7 14.9





#81
p-Isopropyltoluene
Concen: 11.040 ug/l
RT: 11.788 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

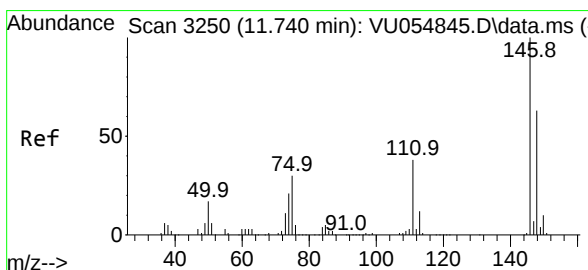
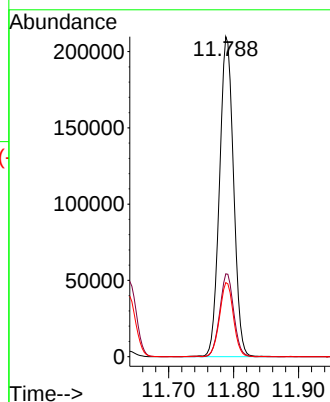
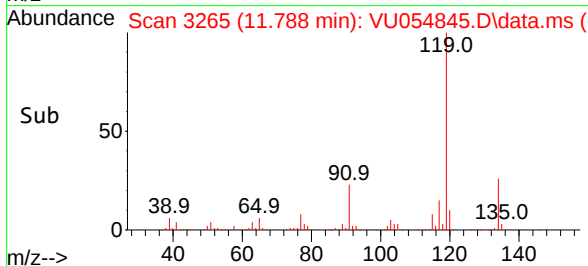
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



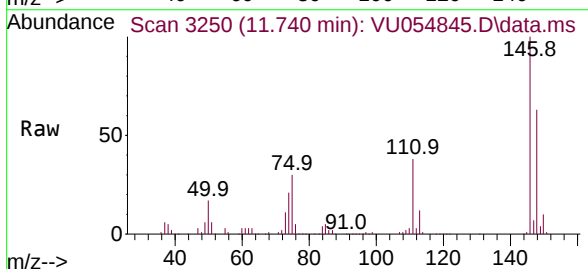
Tgt Ion:119 Resp: 313510
Ion Ratio Lower Upper
119 100
134 25.8 20.6 31.0
91 22.8 18.2 27.4

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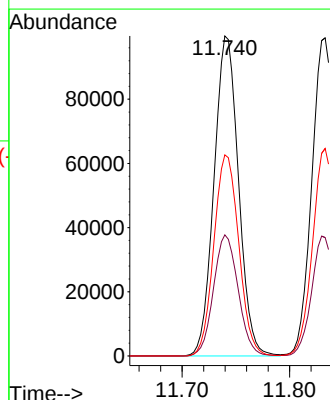
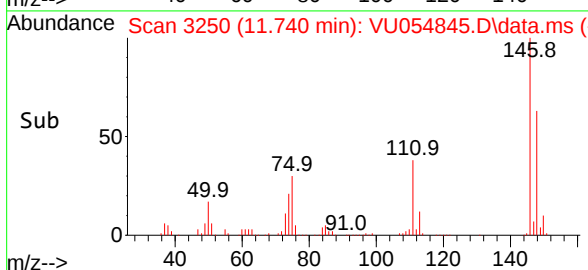
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

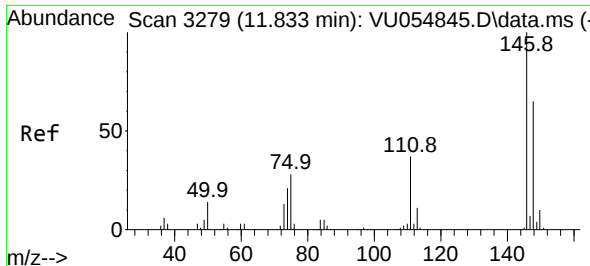


#82
1,3-Dichlorobenzene
Concen: 10.683 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33



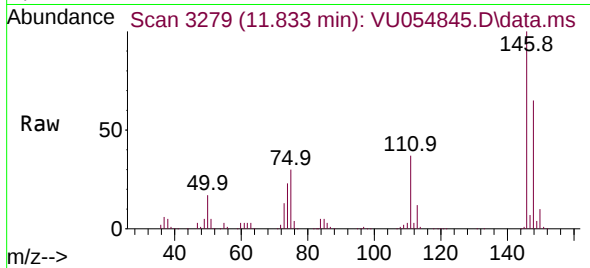
Tgt Ion:146 Resp: 158008
Ion Ratio Lower Upper
146 100
111 38.1 30.5 45.7
148 63.8 51.0 76.6





#83
1,4-Dichlorobenzene
Concen: 10.608 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33

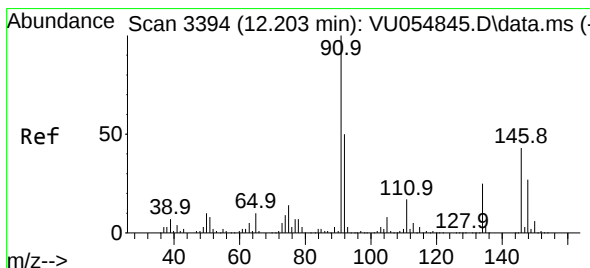
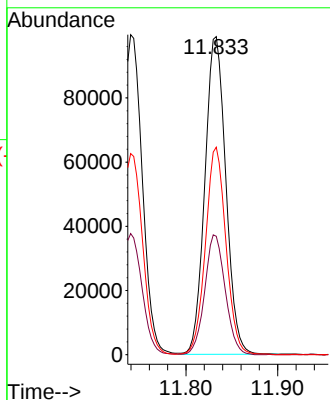
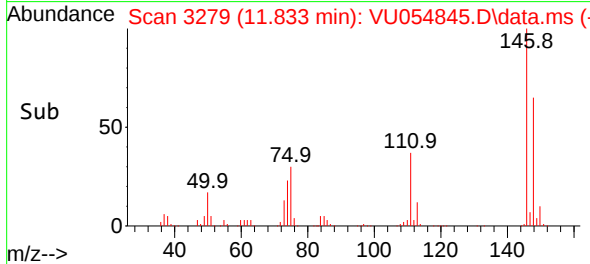
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



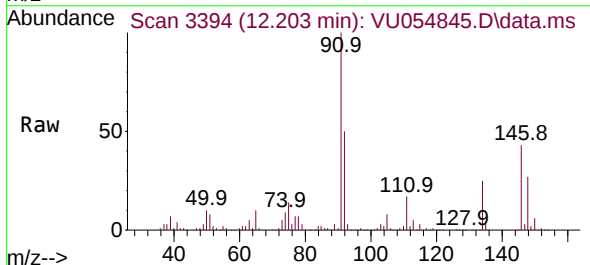
Tgt Ion:146 Resp: 15735
Ion Ratio Lower Upper
146 100
111 36.9 29.5 44.3
148 64.0 51.2 76.8

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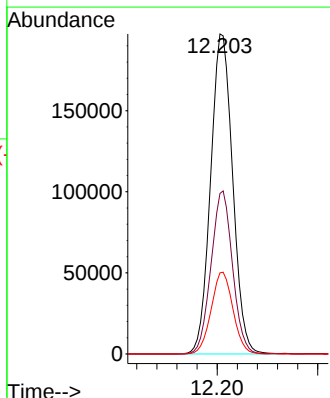
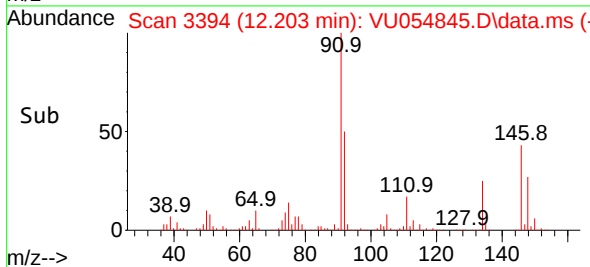
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

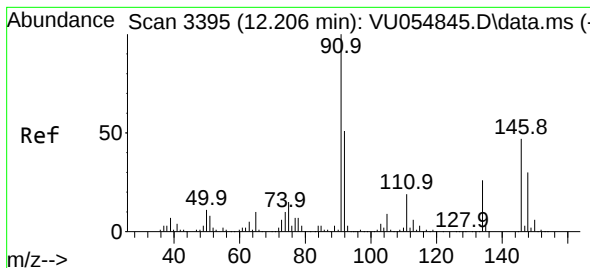


#84
n-Butylbenzene
Concen: 11.499 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. -0.000 min
Lab File: VU054845.D
Acq: 21 Jul 2023 18:33



Tgt Ion: 91 Resp: 300420
Ion Ratio Lower Upper
91 100
92 49.8 39.8 59.8
134 25.3 20.2 30.4





#85

1,2-Dichlorobenzene

Concen: 10.537 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU054845.D

Acq: 21 Jul 2023 18:33

Instrument :

MSVOA_U

ClientSampleId :

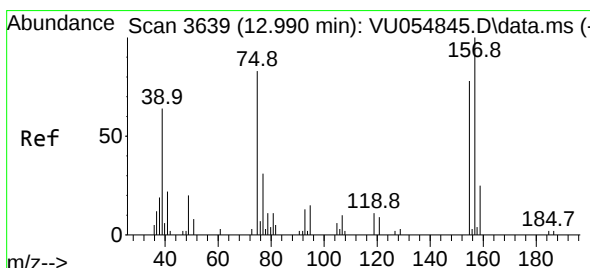
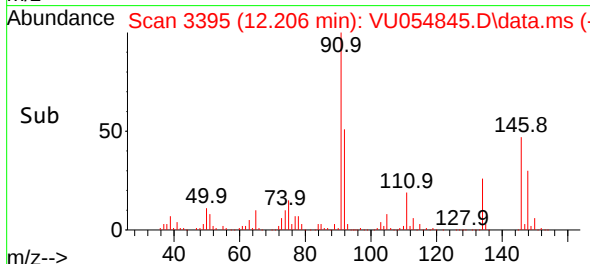
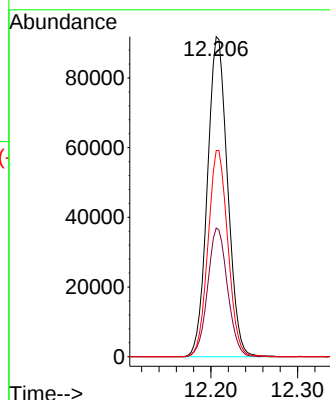
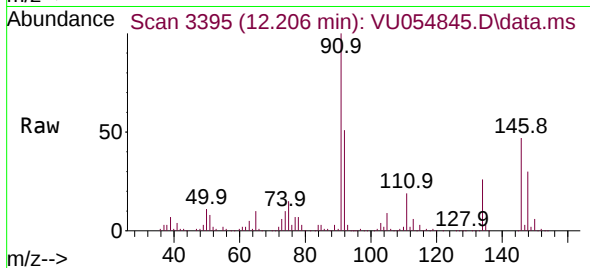
VSTDICCC010

Tgt Ion:	146	Resp:	14842
Ion Ratio	Lower	Upper	
146	100		
111	39.6	19.8	59.4
148	63.5	31.8	95.3

Manual Integrations

APPROVED

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



#86

1,2-Dibromo-3-Chloropropane

Concen: 9.785 ug/l

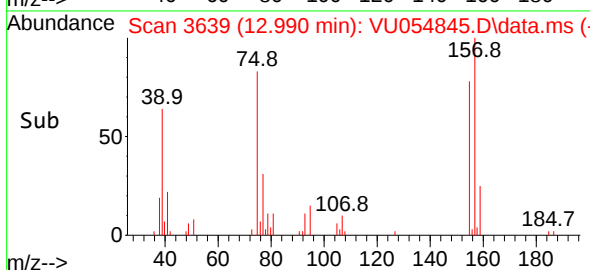
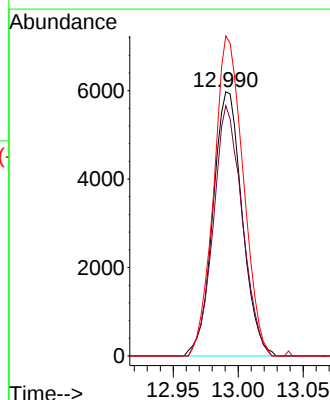
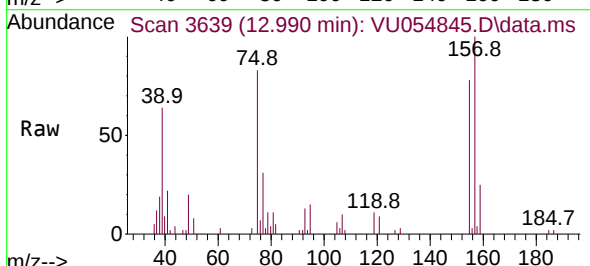
RT: 12.990 min Scan# 3639

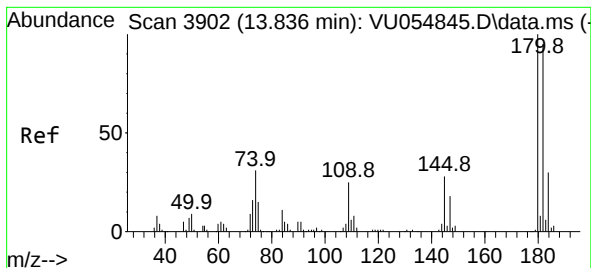
Delta R.T. 0.000 min

Lab File: VU054845.D

Acq: 21 Jul 2023 18:33

Tgt Ion:	75	Resp:	9327
Ion Ratio	Lower	Upper	
75	100		
155	93.5	74.8	112.2
157	121.7	97.4	146.0





#87

1,2,4-Trichlorobenzene

Concen: 10.900 ug/l

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU054845.D

Acq: 21 Jul 2023 18:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

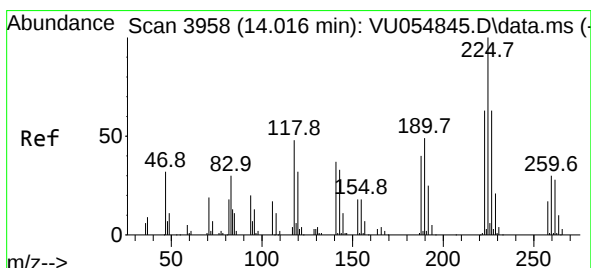
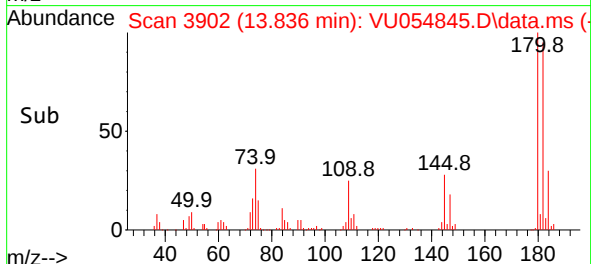
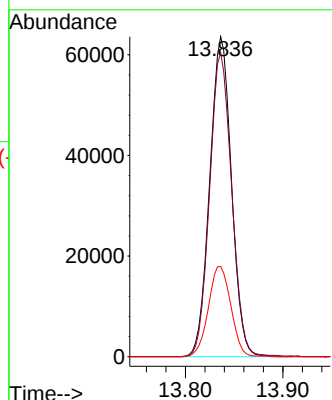
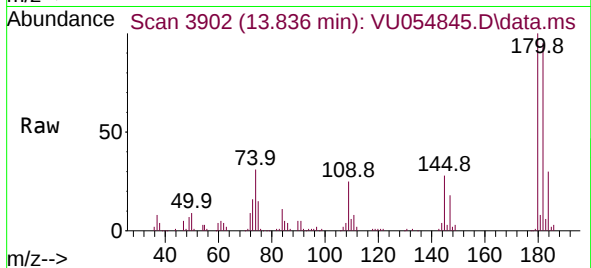
Tgt Ion:	180	Resp:	9844
Ion Ratio	Lower	Upper	
180	100		
182	96.3	77.0	115.6
145	29.2	23.4	35.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#88

Hexachlorobutadiene

Concen: 10.486 ug/l

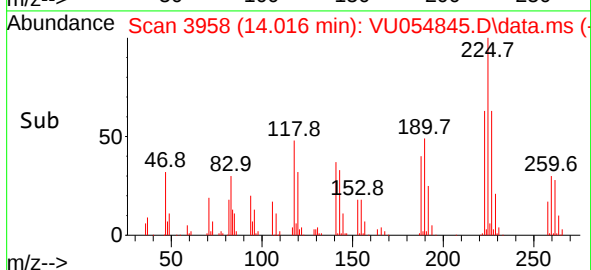
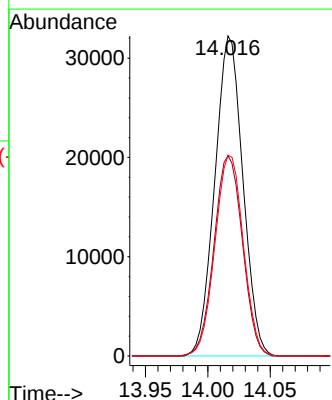
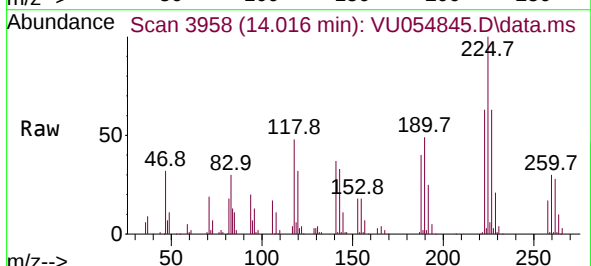
RT: 14.016 min Scan# 3958

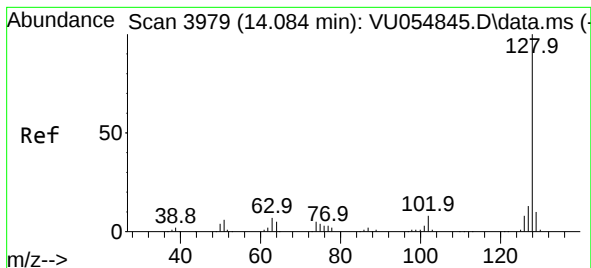
Delta R.T. 0.000 min

Lab File: VU054845.D

Acq: 21 Jul 2023 18:33

Tgt Ion:	225	Resp:	50586
Ion Ratio	Lower	Upper	
225	100		
223	63.3	50.6	76.0
227	63.4	50.7	76.1





#89

Naphthalene

Concen: 10.851 ug/l

RT: 14.084 min Scan# 3979

Delta R.T. -0.000 min

Lab File: VU054845.D

Acq: 21 Jul 2023 18:33

Instrument :

MSVOA_U

ClientSampleId :

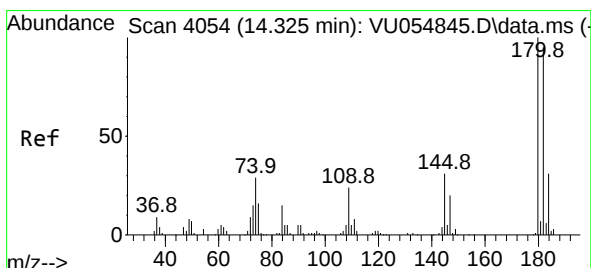
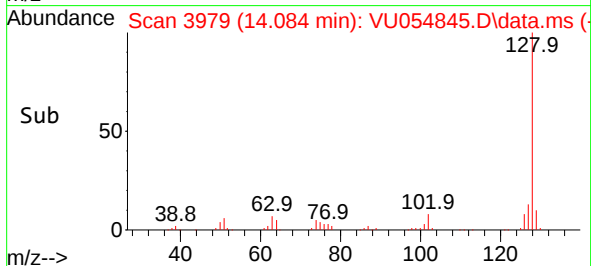
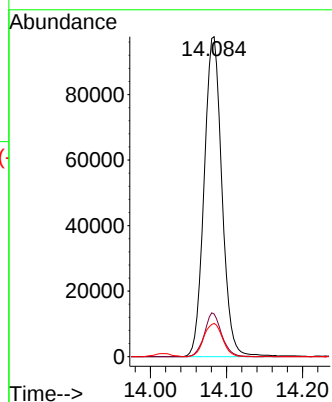
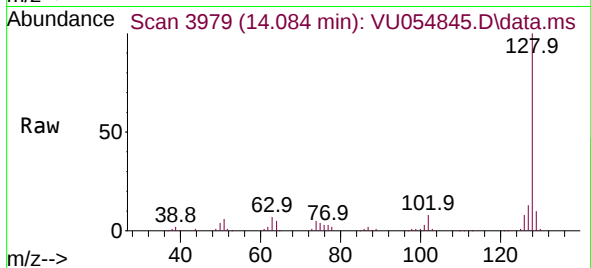
VSTDICCC010

Tgt Ion:	128	Resp:	15849
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	15.8
129	10.9	8.7	13.1

Manual Integrations

APPROVED

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



#90

1,2,3-Trichlorobenzene

Concen: 11.190 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU054845.D

Acq: 21 Jul 2023 18:33

Tgt Ion:	180	Resp:	87341
Ion Ratio	Lower	Upper	
180	100		
182	95.0	76.0	114.0
145	30.4	24.3	36.5

