

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072223\
 Data File : VU054841.D
 Acq On : 21 Jul 2023 16:55
 Operator : MD/SY
 Sample : VSTDICC0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC0.5

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 08:47:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072123DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Jul 24 08:47:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.113	96	25496	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	7355	0.955	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	8519	0.955	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	2446	0.482	ug/l	93
3) Chloromethane	1.518	50	3273	0.556	ug/l	97
4) Vinyl Chloride	1.602	62	3540	0.468	ug/l	93
5) Bromomethane	1.856	94	2525	0.470	ug/l	87
6) Chloroethane	1.933	64	3612	0.505	ug/l	92
7) Trichlorofluoromethane	2.136	101	8231	0.449	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	2597	0.495	ug/l	91
9) 1,1-Dichloroethene	2.579	96	2000	0.456	ug/l	65
11) Allyl Chloride	2.920	41	2488	0.484	ug/l	98
12) Acrylonitrile	3.358	53	885m	0.842	ug/l	
13) Acetone	2.647	43	2840m	3.068	ug/l	
14) Carbon Disulfide	2.792	76	3384	0.458	ug/l	96
15) Methylene Chloride	3.039	84	6130	0.380	ug/l	96
16) trans-1,2-Dichloroethene	3.348	96	2404	0.493	ug/l #	74
17) 1,1-Dichloroethane	3.869	63	4859	0.471	ug/l	98
18) 2-Butanone	4.756	43	2952m	2.250	ug/l	
19) Cyclohexane	5.380	56	2837	0.421	ug/l	89
20) Methylcyclohexane	6.759	83	3566	0.450	ug/l	97
21) 2,2-Dichloropropane	4.660	77	4484	0.498	ug/l	94
22) cis-1,2-Dichloroethene	4.676	96	2604	0.422	ug/l	83
23) Diethyl Ether	2.374	59	3201	0.475	ug/l #	89
25) Methyl tert-Butyl Ether	3.364	73	6017	0.450	ug/l	93
26) Bromochloromethane	4.968	128	755m	0.321	ug/l	
27) Chloroform	5.084	83	5383	0.475	ug/l	95
28) 1,1,1-Trichloroethane	5.313	97	4010	0.421	ug/l	92
29) 1,1-Dichloropropene	5.522	75	2872	0.424	ug/l	100
30) Carbon Tetrachloride	5.525	117	3675	0.464	ug/l	95
31) Isopropyl Ether	3.988	45	6866	0.450	ug/l	90
32) Ethyl-t-butyl ether	4.499	59	7124	0.454	ug/l	91
33) Tert-Amyl methyl ether	5.939	73	6871	0.465	ug/l	96
34) Propionitrile	4.843	54	846m	1.965	ug/l	
35) Benzene	5.769	78	10083	0.458	ug/l	91
36) 1,2-Dichloroethane	5.792	62	2876	0.455	ug/l #	93
37) Trichloroethene	6.544	130	2882	0.484	ug/l	98
38) 1,2-Dichloropropane	6.788	63	2956	0.465	ug/l #	85
39) Methacrylonitrile	4.988	41	484m	0.309	ug/l	
40) Methyl acrylate	4.878	55	1127m	0.422	ug/l	
41) Tetrahydrofuran	5.075	42	901m	0.987	ug/l	
42) 1-Chlorobutane	5.457	56	4112	0.449	ug/l	90
43) Dibromomethane	6.917	93	1242	0.420	ug/l #	57
44) Bromodichloromethane	7.103	83	3560	0.440	ug/l #	95
45) 4-Methyl-2-Pentanone	7.795	43	7652	2.187	ug/l	96
46) t-1,4-Dichloro-2-butene	10.843	75	1276m	0.867	ug/l	

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Instrument :
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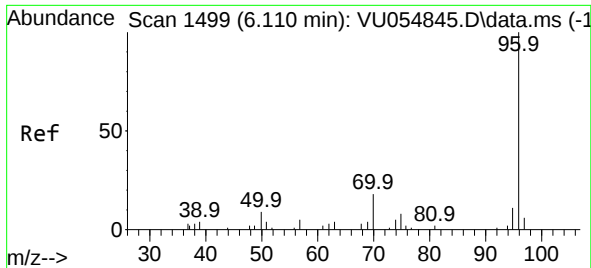
Manual Integrations
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 Supervised By : Mahesh Dadoda 07/31/2023

Quant Time: Jul 24 08:47:27 2023
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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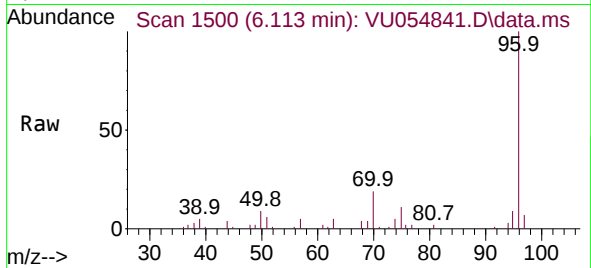
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Methyl methacrylate	6.968	69	2398	0.863	ug/l #	90
48) Ethyl methacrylate	8.335	69	2514	0.446	ug/l	83
49) Toluene	7.968	92	6055	0.431	ug/l	90
50) t-1,3-Dichloropropene	8.216	75	2946	0.410	ug/l	90
51) cis-1,3-Dichloropropene	7.608	75	3966	0.454	ug/l	93
52) 1,1,2-Trichloroethane	8.399	97	1841	0.413	ug/l #	85
53) 1,3-Dichloropropane	8.570	76	3191	0.424	ug/l	98
54) 2-Hexanone	8.689	43	5742	2.354	ug/l	91
55) Dibromochloromethane	8.808	129	2080	0.390	ug/l	87
56) 1,2-Dibromoethane	8.923	107	1412	0.362	ug/l	78
58) Tetrachloroethene	8.550	164	2403	0.463	ug/l	93
59) Chlorobenzene	9.447	112	7263	0.434	ug/l	95
60) 1,1,1,2-Tetrachloroethane	9.531	131	2383	0.403	ug/l #	89
61) Pentachloroethane	11.422	117	1892	0.407	ug/l	98
62) Hexachloroethane	12.467	117	1839	0.385	ug/l	91
63) Ethyl Benzene	9.570	91	12107	0.424	ug/l	94
64) m/p-Xylenes	9.695	106	9375	0.869	ug/l	98
65) o-Xylene	10.097	106	4873	0.448	ug/l	90
66) Styrene	10.116	104	7709	0.441	ug/l	96
67) Bromoform	10.290	173	1201	0.418	ug/l #	74
69) Isopropylbenzene	10.480	105	12816	0.435	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.782	83	2390	0.430	ug/l #	97
71) 1,2,3-Trichloropropane	10.824	75	1750m	0.458	ug/l	
72) Bromobenzene	10.782	156	3105	0.456	ug/l	91
73) n-propylbenzene	10.904	120	3473	0.438	ug/l	85
74) 2-Chlorotoluene	10.984	126	3188	0.462	ug/l	91
75) 1,3,5-Trimethylbenzene	11.087	105	10295	0.428	ug/l	96
76) 4-Chlorotoluene	11.097	126	2892	0.408	ug/l	91
77) tert-Butylbenzene	11.415	119	10893	0.440	ug/l	93
78) 1,2,4-Trimethylbenzene	11.467	105	9953	0.412	ug/l	92
79) sec-Butylbenzene	11.640	105	13094	0.408	ug/l	99
80) Nitrobenzene	13.219	77	245	4.204	ug/l #	42
81) p-Isopropyltoluene	11.791	119	10643	0.407	ug/l	99
82) 1,3-Dichlorobenzene	11.746	146	5959	0.437	ug/l	97
83) 1,4-Dichlorobenzene	11.836	146	6223	0.456	ug/l	93
84) n-Butylbenzene	12.206	91	9331	0.388	ug/l	99
85) 1,2-Dichlorobenzene	12.213	146	5720	0.441	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.994	75	210	0.416	ug/l #	44
87) 1,2,4-Trichlorobenzene	13.839	180	3479	0.418	ug/l	93
88) Hexachlorobutadiene	14.016	225	1900	0.428	ug/l	96
89) Naphthalene	14.090	128	5257	0.391	ug/l	98
90) 1,2,3-Trichlorobenzene	14.328	180	3121	0.434	ug/l	94

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1499
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

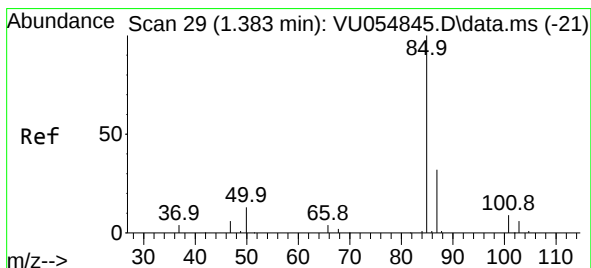
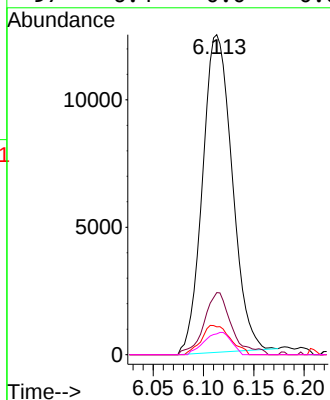
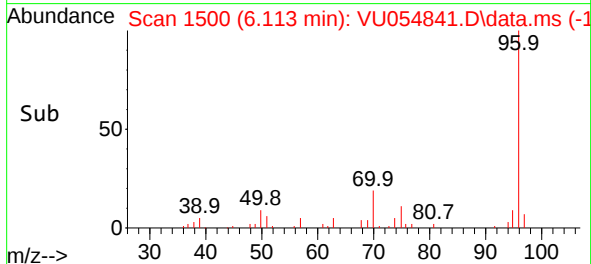
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



Tgt Ion: 96 Resp: 25490
Ion Ratio Lower Upper
96 100
70 18.0 14.0 21.0
95 9.0 8.7 13.1
97 6.4 0.0 0.0#

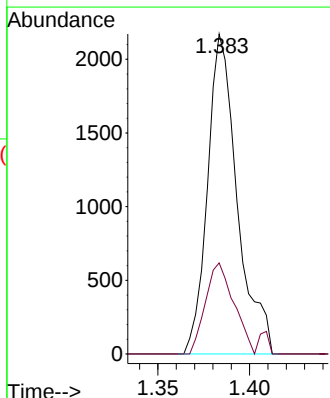
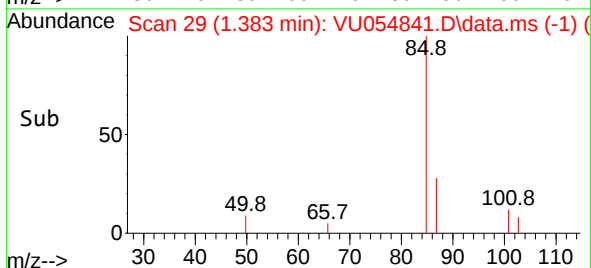
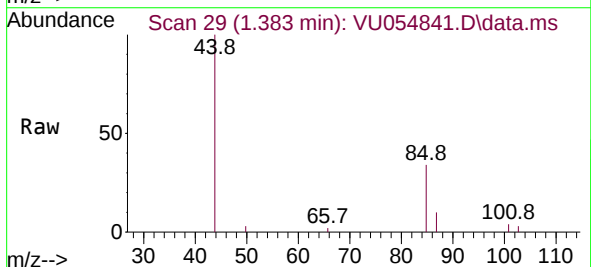
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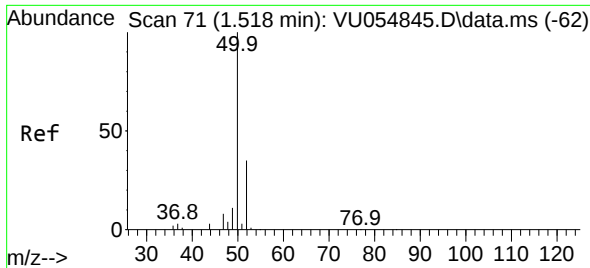
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#2
Dichlorodifluoromethane
Concen: 0.482 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

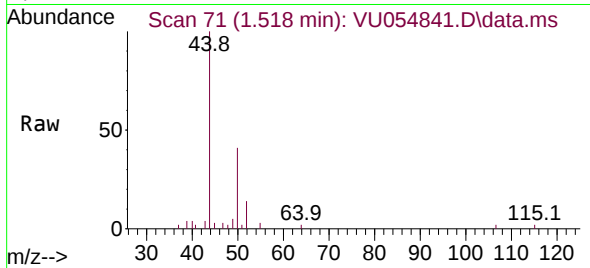
Tgt Ion: 85 Resp: 2446
Ion Ratio Lower Upper
85 100
87 28.5 16.2 48.6





#3
Chloromethane
Concen: 0.556 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

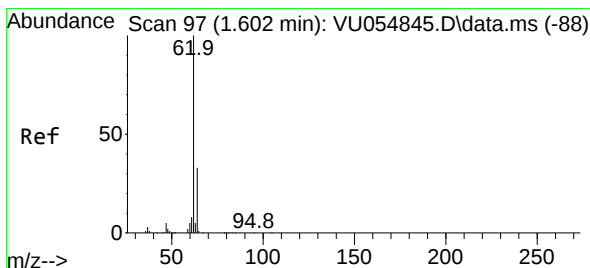
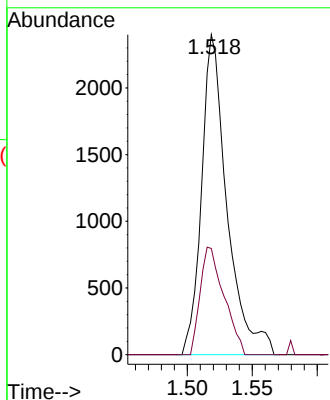
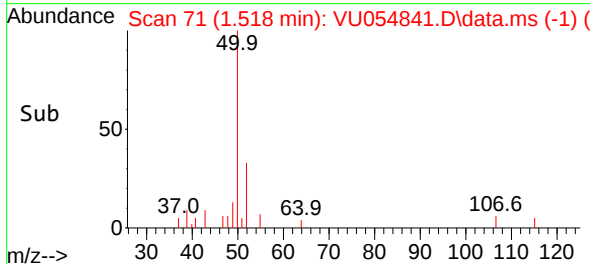
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



Tgt Ion: 50 Resp: 327
Ion Ratio Lower Upper
50 100
52 33.2 28.2 42.2

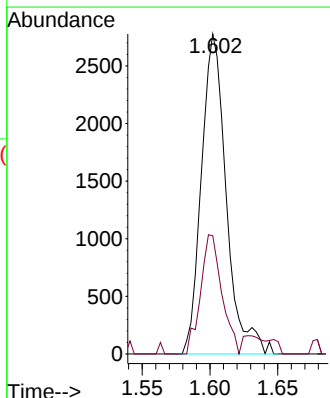
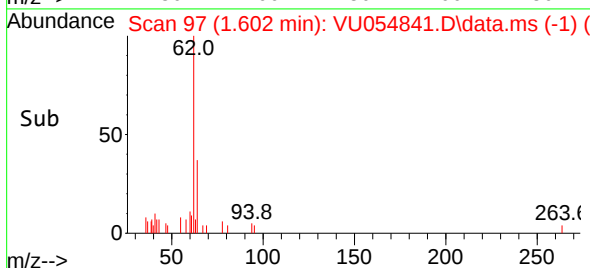
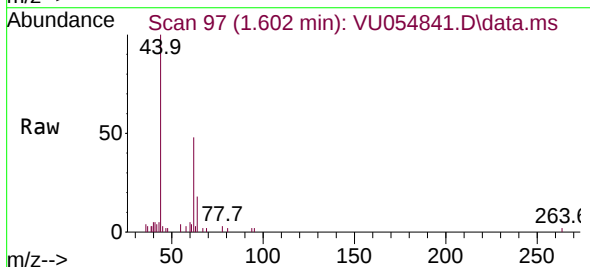
Manual Integrations
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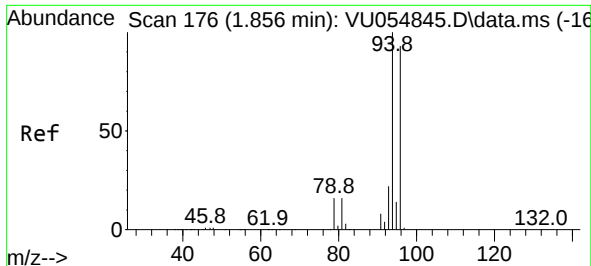
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#4
Vinyl Chloride
Concen: 0.468 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

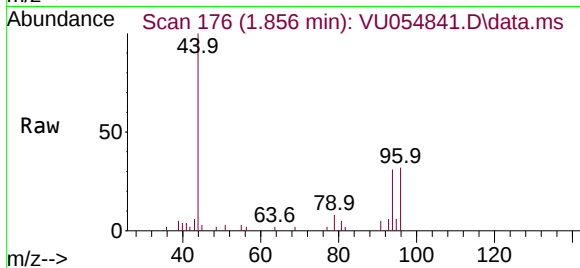
Tgt Ion: 62 Resp: 3540
Ion Ratio Lower Upper
62 100
64 37.0 26.4 39.6





#5
Bromomethane
Concen: 0.470 ug/l
RT: 1.856 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

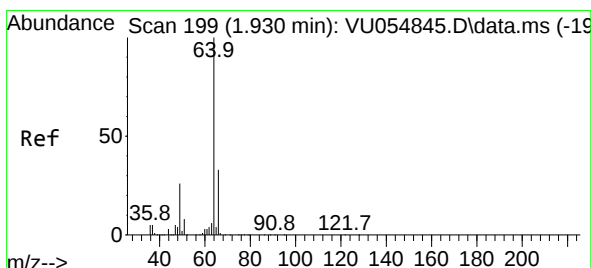
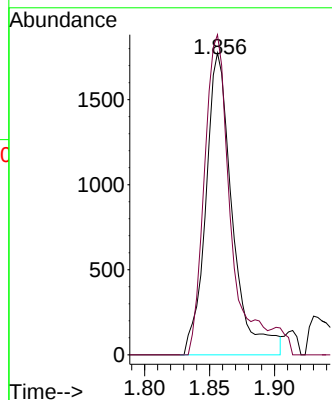
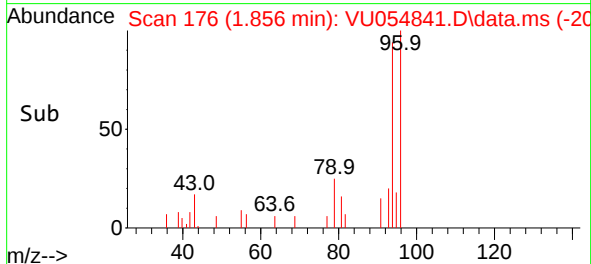
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



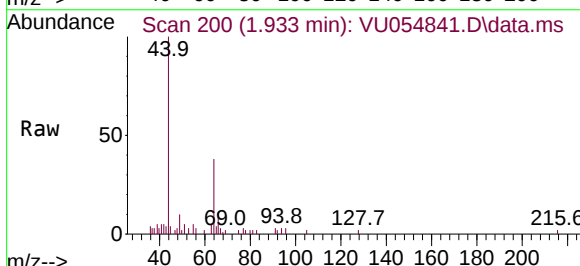
Tgt Ion: 94 Resp: 252
Ion Ratio Lower Upper
94 100
96 106.0 74.6 111.8

Manual Integrations
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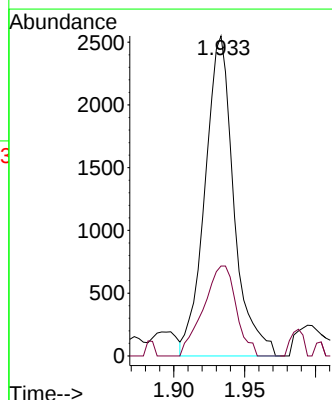
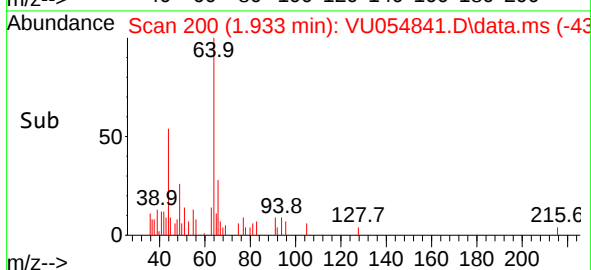
Reviewed By :Semsettin Yesilyurt 07/31/2023
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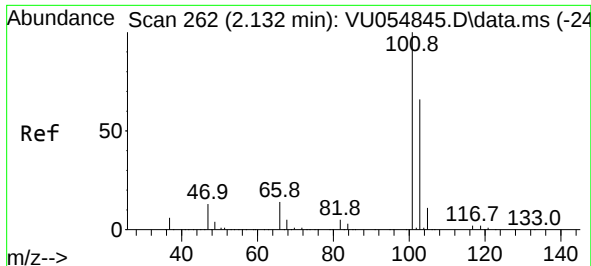


#6
Chloroethane
Concen: 0.505 ug/l
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55



Tgt Ion: 64 Resp: 3612
Ion Ratio Lower Upper
64 100
66 28.1 26.2 39.4





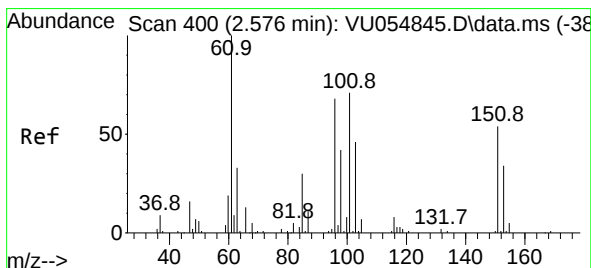
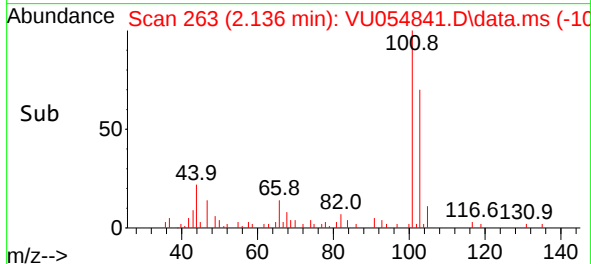
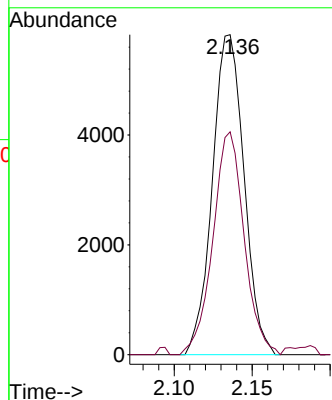
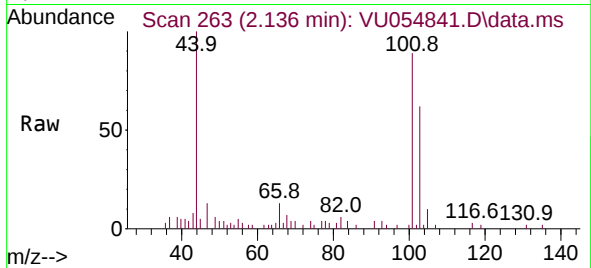
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Trichlorofluoromethane
Concen: 0.449 ug/l
RT: 2.136 min Scan# 201
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:101 Resp: 823
Ion Ratio Lower Upper
101 100
103 69.7 52.9 79.3

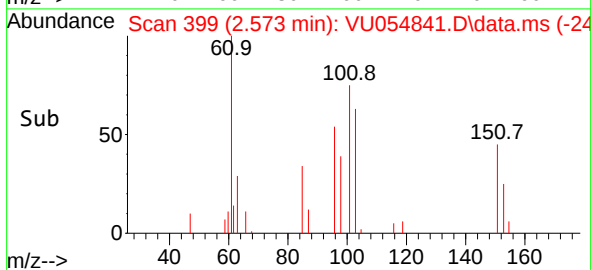
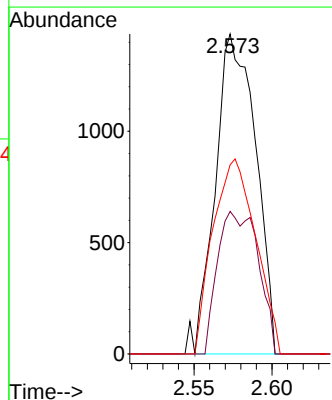
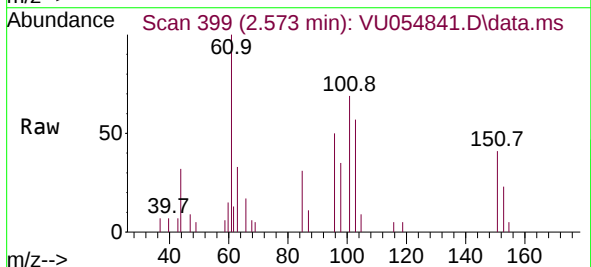
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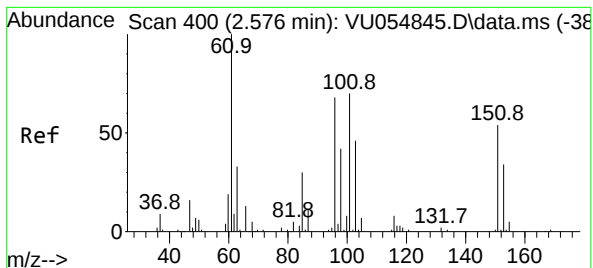
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.495 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion:101 Resp: 2597
Ion Ratio Lower Upper
101 100
85 44.8 34.8 52.2
151 64.6 60.5 90.7





#9

1,1-Dichloroethene

Concen: 0.456 ug/l

RT: 2.579 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU054841.D

Acq: 21 Jul 2023 16:55

Instrument :

MSVOA_U

ClientSampleId :

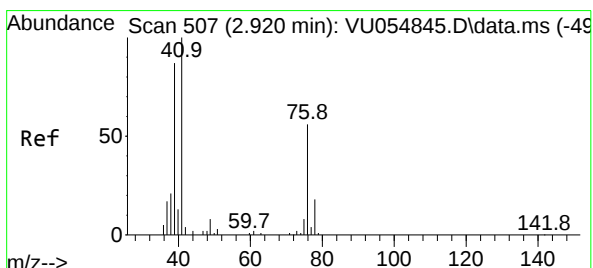
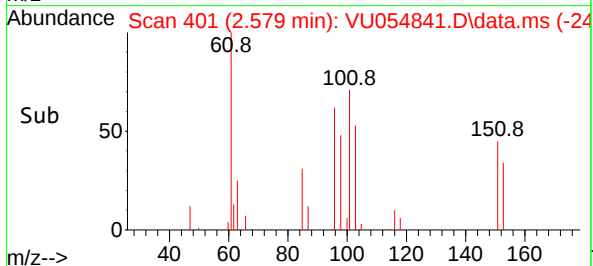
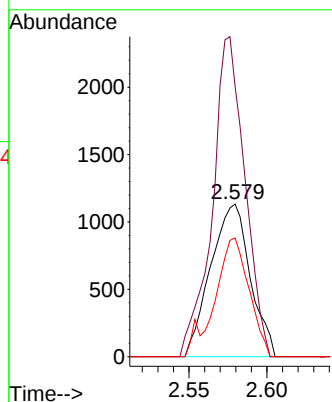
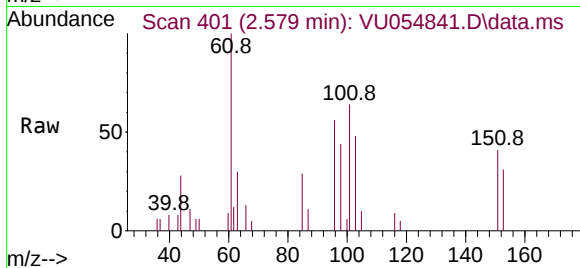
VSTDIC0.5

Tgt Ion: 96	Resp: 2000
Ion Ratio	Lower Upper
96	100
61	197.6 0.0 440.1
98	77.8 0.0 121.8

Manual Integrations

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#11

Allyl Chloride

Concen: 0.484 ug/l

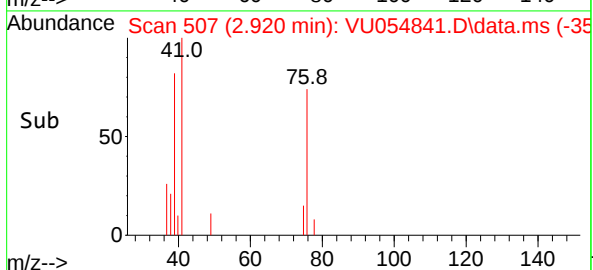
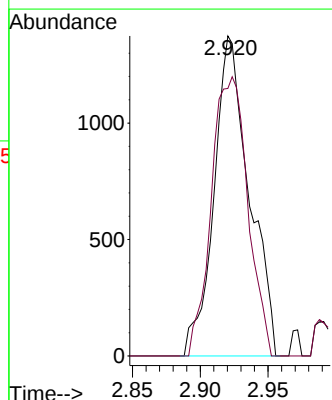
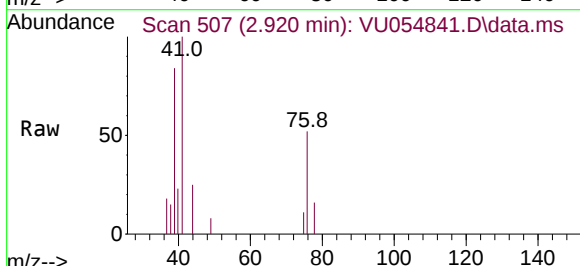
RT: 2.920 min Scan# 507

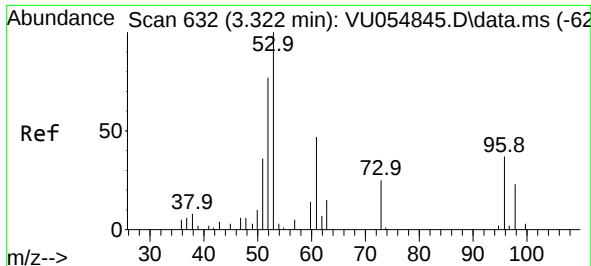
Delta R.T. 0.000 min

Lab File: VU054841.D

Acq: 21 Jul 2023 16:55

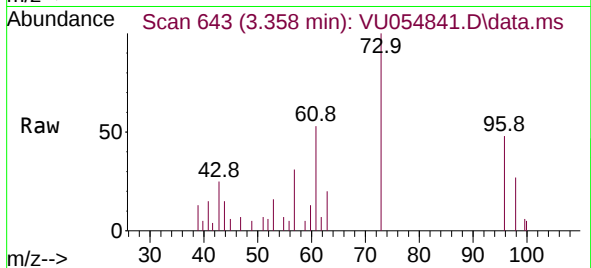
Tgt Ion: 41	Resp: 2488
Ion Ratio	Lower Upper
41	100
39	89.9 70.2 105.2





#12
Acrylonitrile
Concen: 0.842 ug/l m
RT: 3.358 min Scan# 643
Delta R.T. 0.036 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

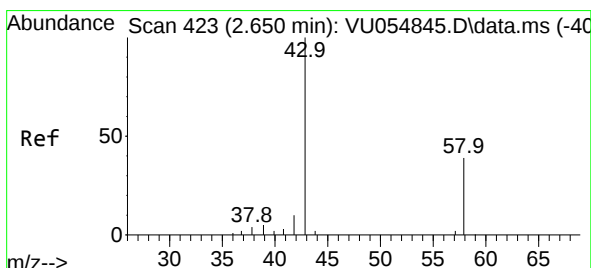
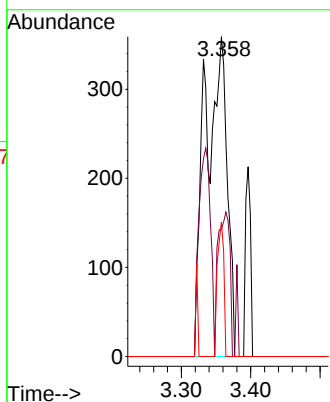
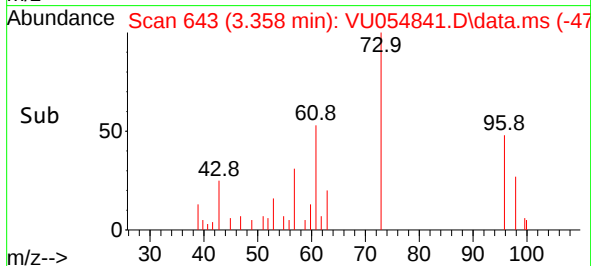
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion: 53 Resp: 885
Ion Ratio Lower Upper
53 100
52 30.7 64.2 96.4
51 0.0 33.6 50.4

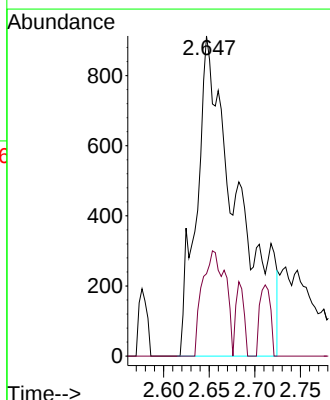
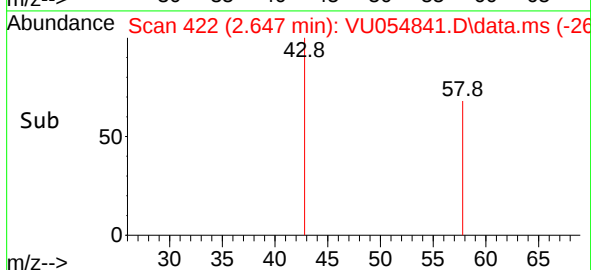
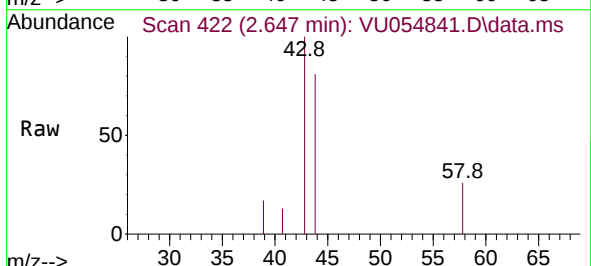
Manual Integrations
APPROVED

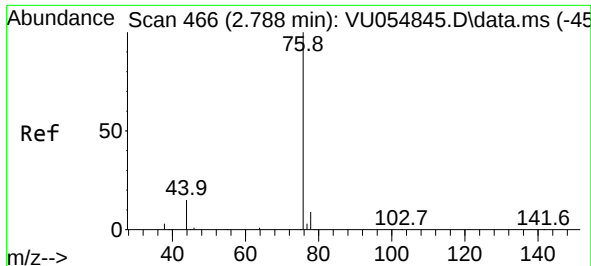
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#13
Acetone
Concen: 3.068 ug/l m
RT: 2.647 min Scan# 422
Delta R.T. -0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion: 43 Resp: 2840
Ion Ratio Lower Upper
43 100
58 25.7 30.7 46.1





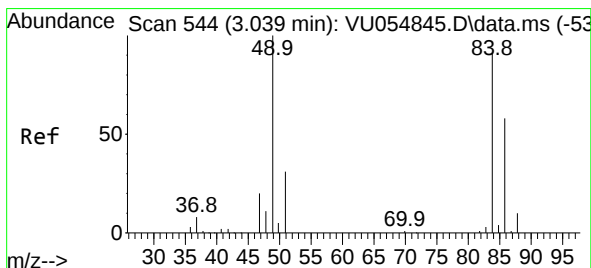
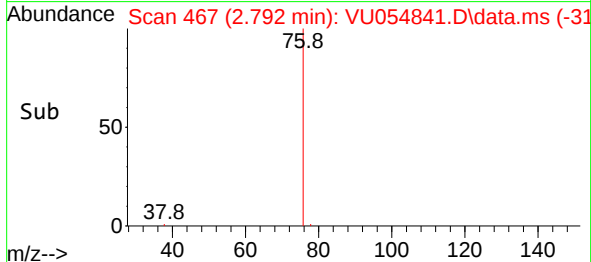
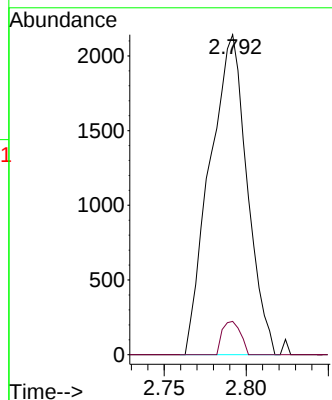
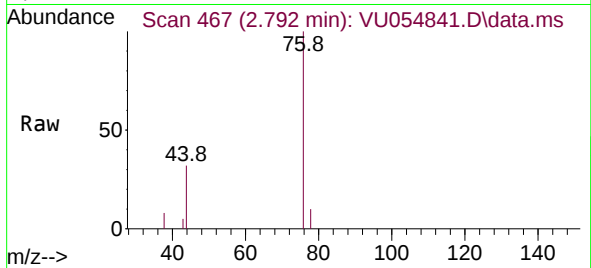
#14
Carbon Disulfide
Concen: 0.458 ug/l
RT: 2.792 min Scan# 467
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 76 Resp: 3384
Ion Ratio Lower Upper
76 100
78 10.4 7.1 10.7

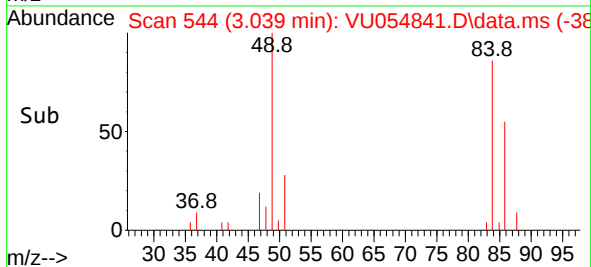
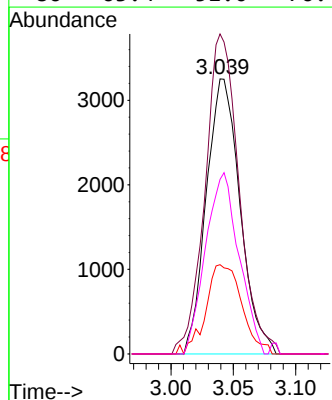
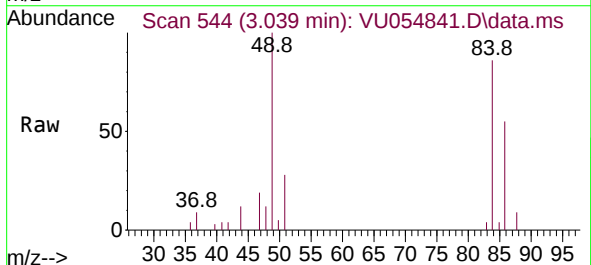
Manual Integrations
APPROVED

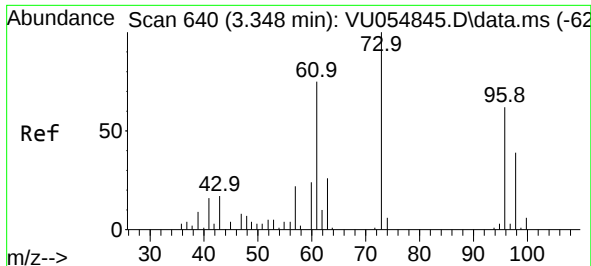
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#15
Methylene Chloride
Concen: 0.380 ug/l
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion: 84 Resp: 6130
Ion Ratio Lower Upper
84 100
49 116.3 87.8 131.6
51 32.5 0.0 68.2
86 63.4 51.0 76.4





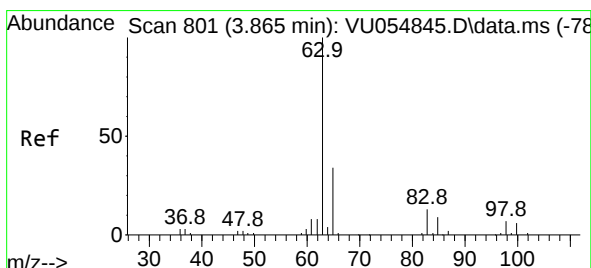
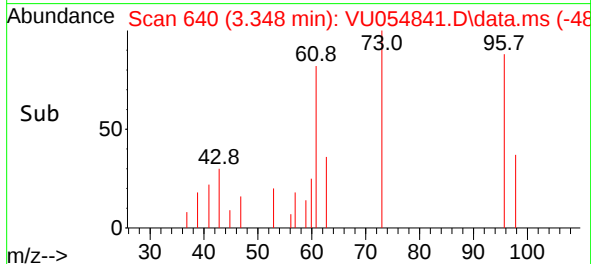
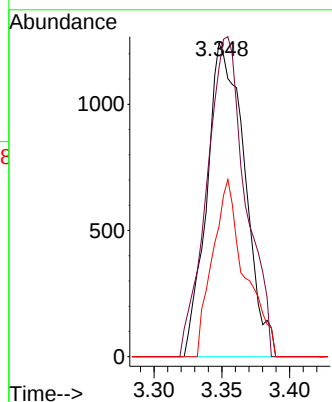
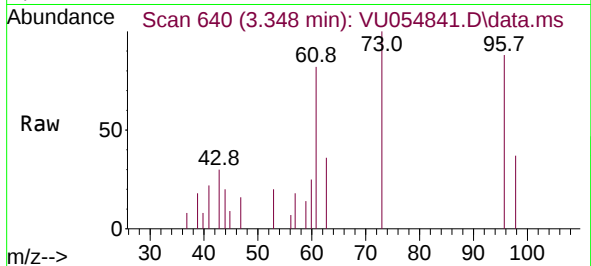
#16
trans-1,2-Dichloroethene
Concen: 0.493 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 96 Resp: 2404
Ion Ratio Lower Upper
96 100
61 92.3 96.4 144.6
98 41.7 49.3 73.9

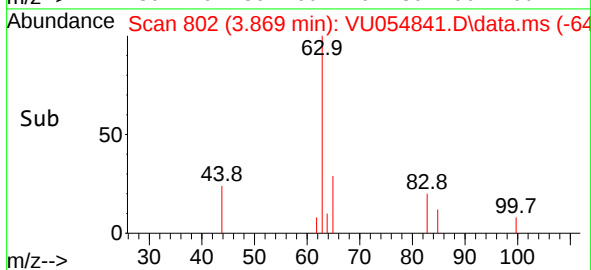
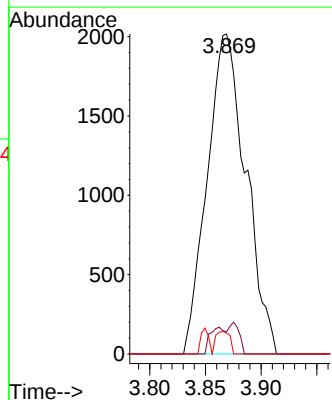
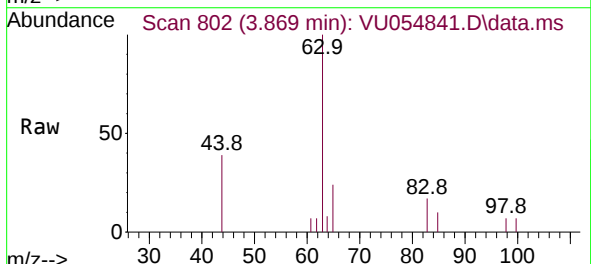
Manual Integrations
APPROVED

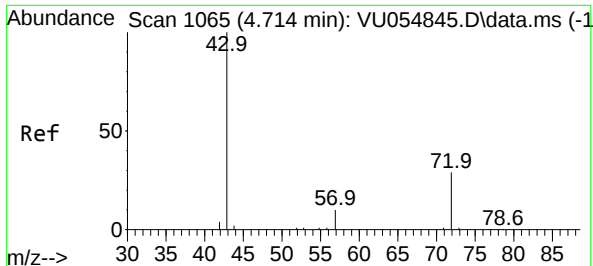
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#17
1,1-Dichloroethane
Concen: 0.471 ug/l
RT: 3.869 min Scan# 802
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion: 63 Resp: 4859
Ion Ratio Lower Upper
63 100
98 6.9 3.6 10.8
100 6.5 2.8 8.4





#18

2-Butanone

Concen: 2.250 ug/l m

RT: 4.756 min Scan# 1065

Delta R.T. 0.042 min

Lab File: VU054841.D

Acq: 21 Jul 2023 16:55

Instrument :

MSVOA_U

ClientSampleId :

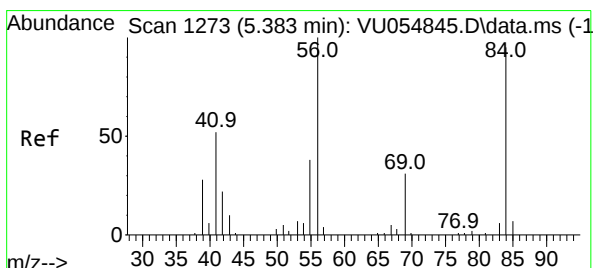
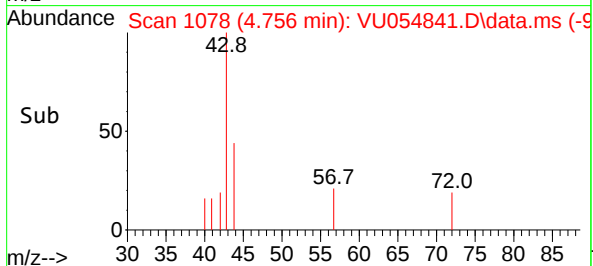
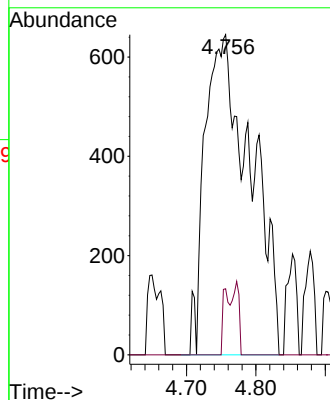
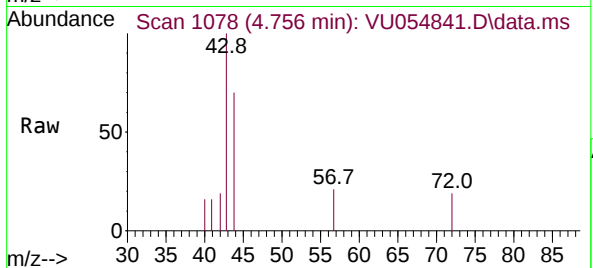
VSTDICC0.5

Tgt Ion: 43 Resp: 2952
 Ion Ratio Lower Upper
 43 100
 57 20.6 0.0 20.8

Manual Integrations

APPROVED

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



#19

Cyclohexane

Concen: 0.421 ug/l

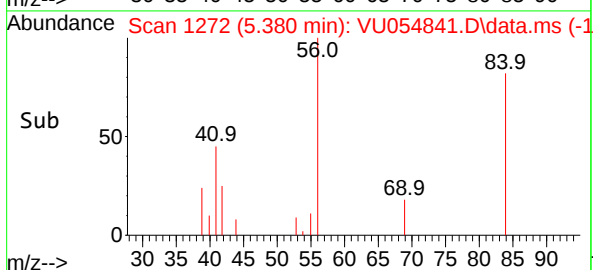
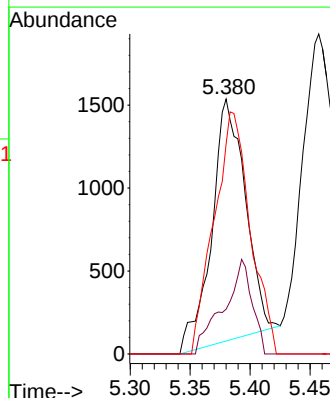
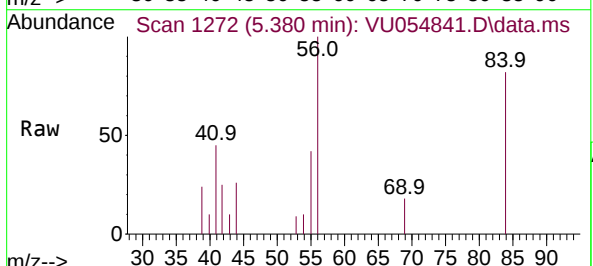
RT: 5.380 min Scan# 1272

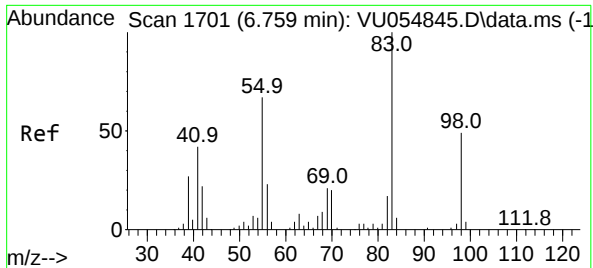
Delta R.T. -0.003 min

Lab File: VU054841.D

Acq: 21 Jul 2023 16:55

Tgt Ion: 56 Resp: 2837
 Ion Ratio Lower Upper
 56 100
 69 33.2 24.7 37.1
 84 107.9 76.5 114.7





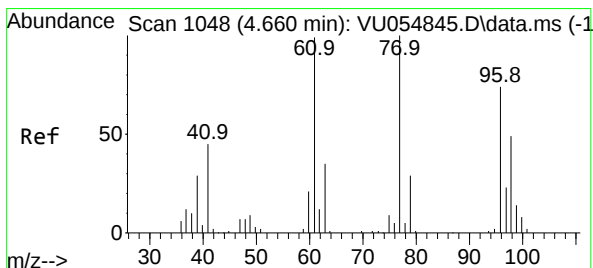
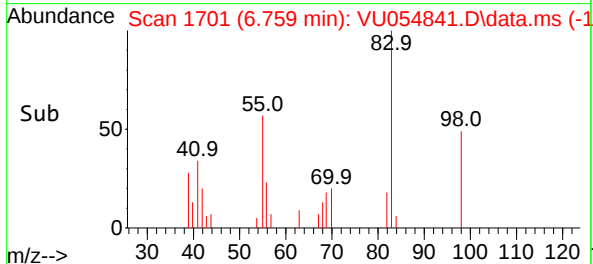
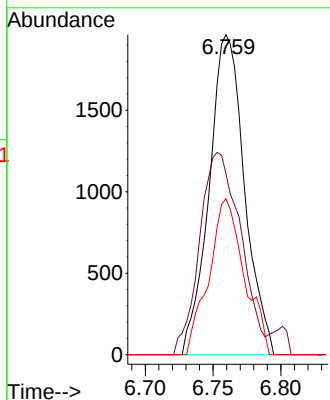
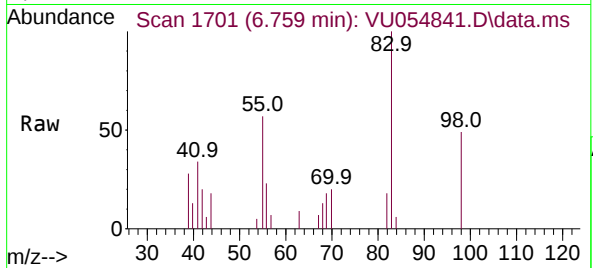
#20
Methylcyclohexane
Concen: 0.450 ug/l
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 83 Resp: 3560
Ion Ratio Lower Upper
83 100
55 67.2 51.6 77.4
98 48.7 38.2 57.2

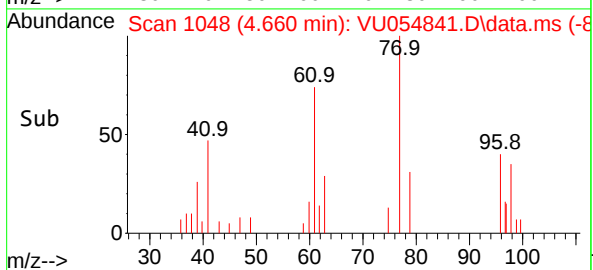
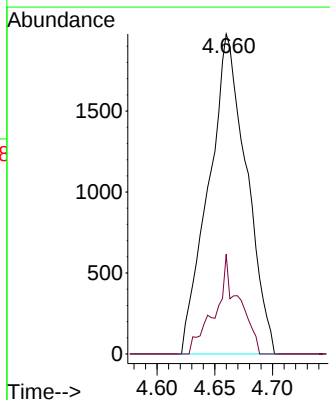
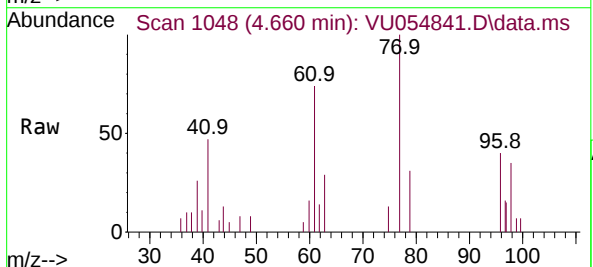
Manual Integrations
APPROVED

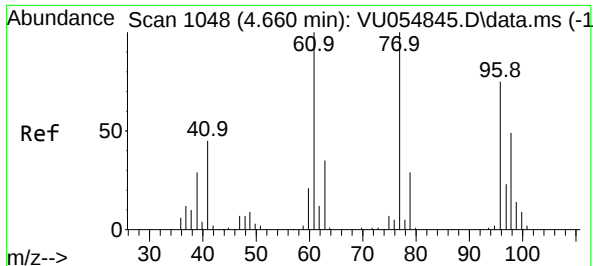
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#21
2,2-Dichloropropane
Concen: 0.498 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion: 77 Resp: 4484
Ion Ratio Lower Upper
77 100
97 19.8 18.0 27.0





#22

cis-1,2-Dichloroethene

Concen: 0.422 ug/l

RT: 4.676 min Scan# 1053

Delta R.T. 0.016 min

Lab File: VU054841.D

Acq: 21 Jul 2023 16:55

Instrument :

MSVOA_U

ClientSampleId :

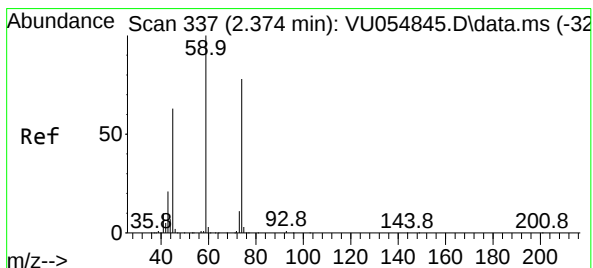
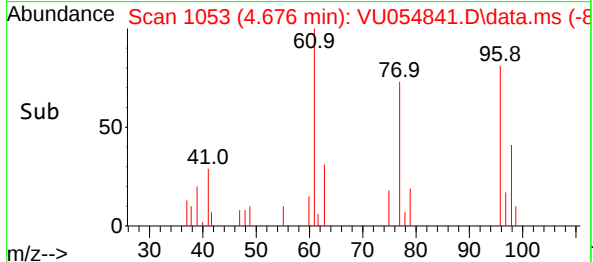
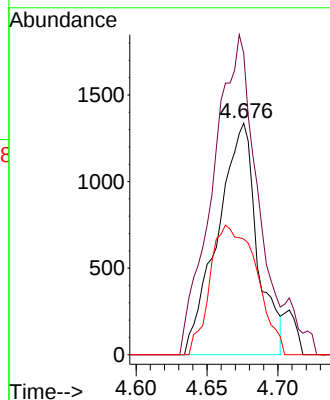
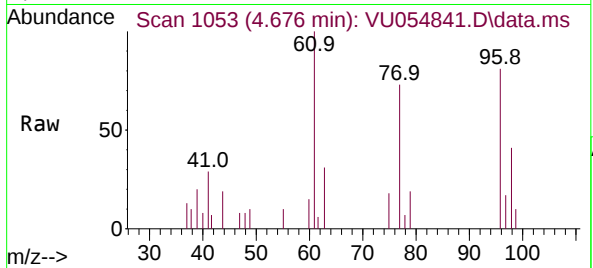
VSTDIC0.5

Tgt Ion: 96	Resp: 2604
Ion Ratio	Lower Upper
96 100	
61 163.0	0.0 332.0
98 65.7	32.5 97.5

Manual Integrations

APPROVED

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



#23

Diethyl Ether

Concen: 0.475 ug/l

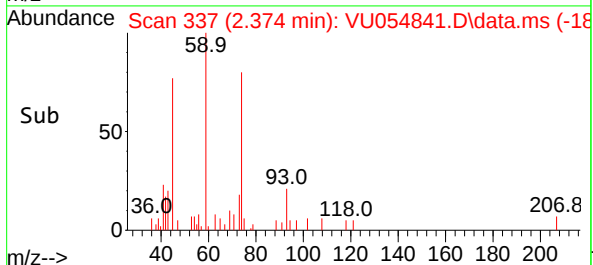
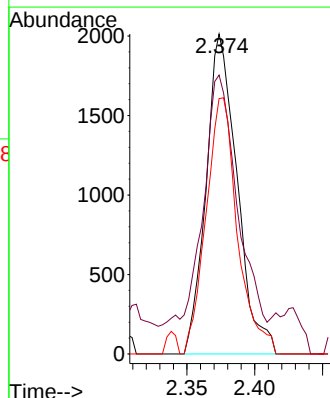
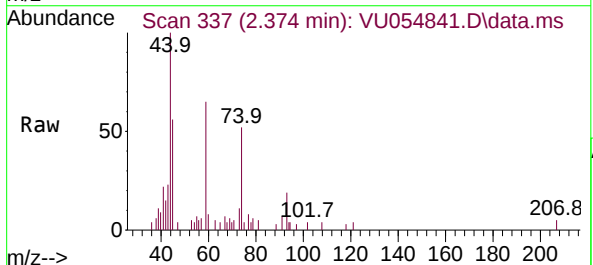
RT: 2.374 min Scan# 337

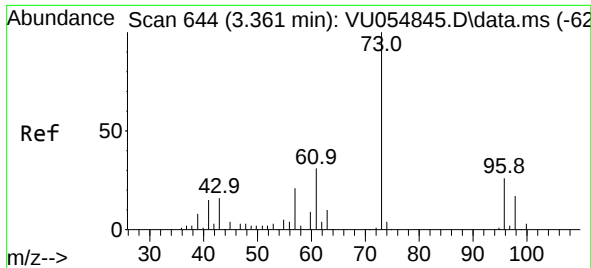
Delta R.T. 0.000 min

Lab File: VU054841.D

Acq: 21 Jul 2023 16:55

Tgt Ion: 59	Resp: 3201
Ion Ratio	Lower Upper
59 100	
45 81.8	51.4 77.0#
74 81.1	63.1 94.7





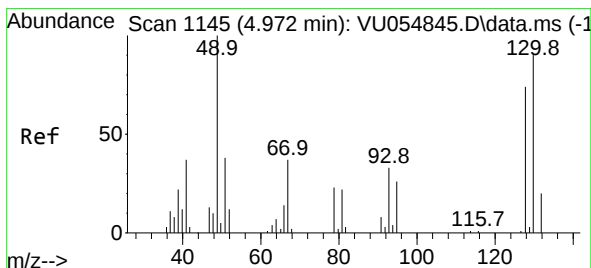
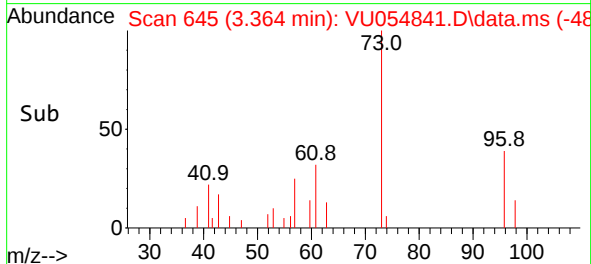
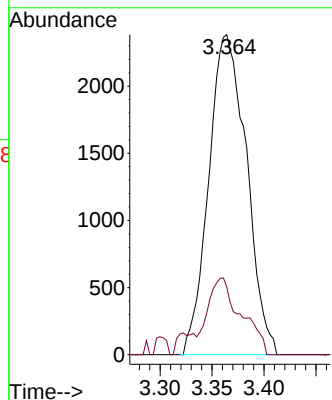
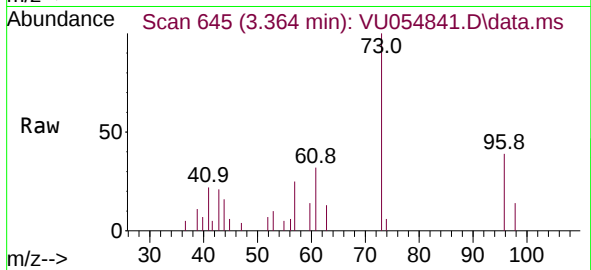
#25
Methyl tert-Butyl Ether
Concen: 0.450 ug/l
RT: 3.364 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 73 Resp: 601
Ion Ratio Lower Upper
73 100
43 21.2 14.6 22.0

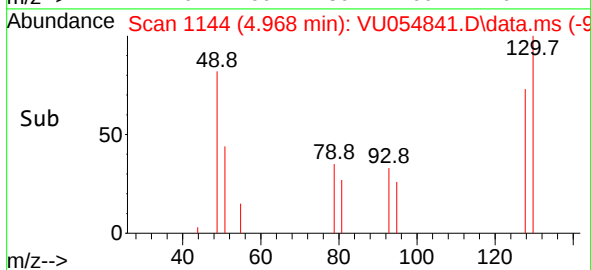
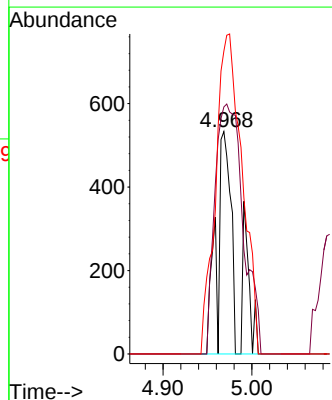
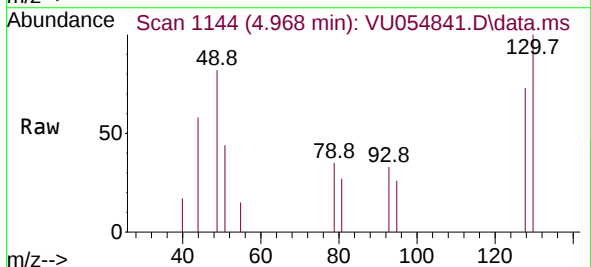
Manual Integrations
APPROVED

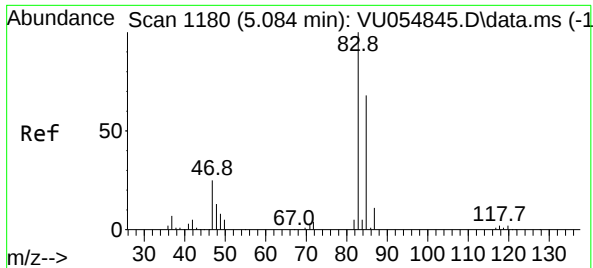
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#26
Bromochloromethane
Concen: 0.321 ug/l m
RT: 4.968 min Scan# 1144
Delta R.T. -0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion:128 Resp: 755
Ion Ratio Lower Upper
128 100
49 174.8 0.0 304.0
130 210.2 104.3 156.5#





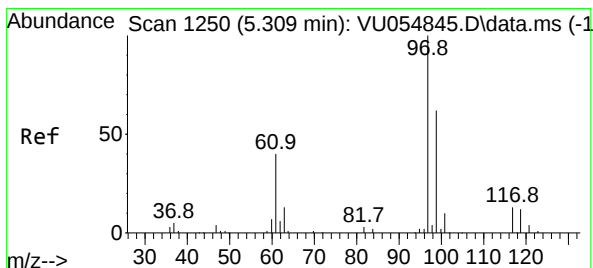
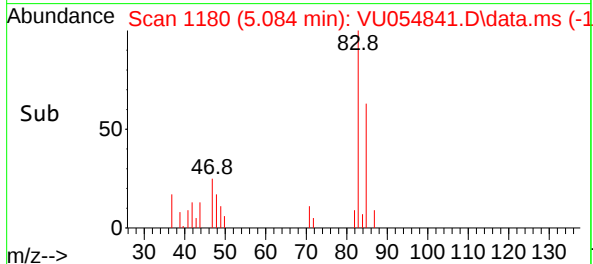
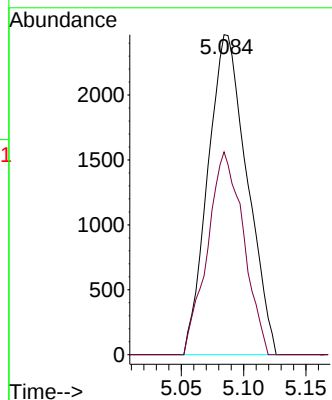
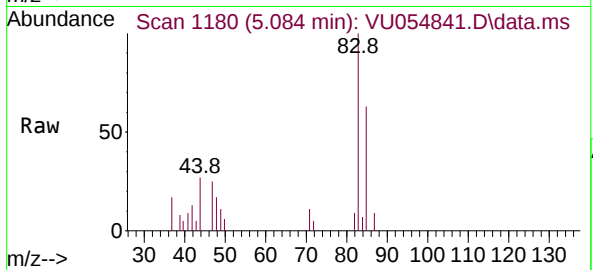
#27
Chloroform
Concen: 0.475 ug/l
RT: 5.084 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 83 Resp: 538
Ion Ratio Lower Upper
83 100
85 63.3 0.0 135.2

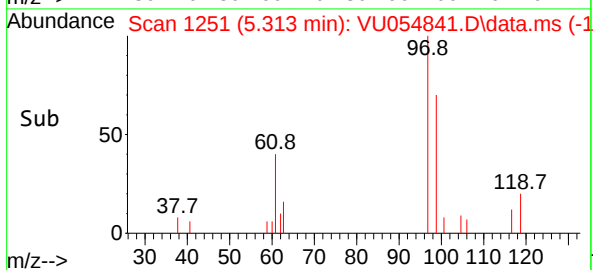
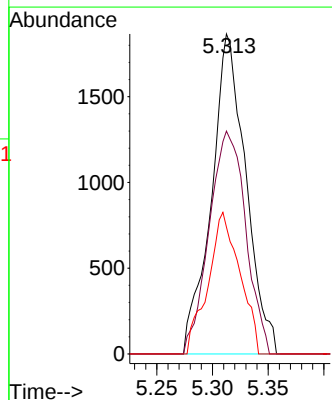
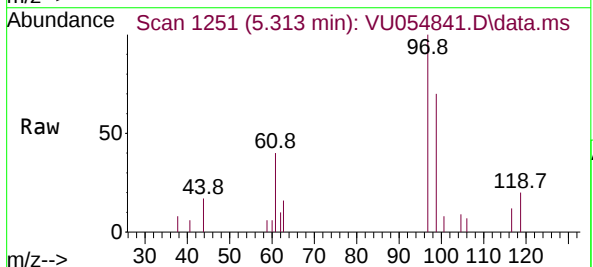
Manual Integrations
APPROVED

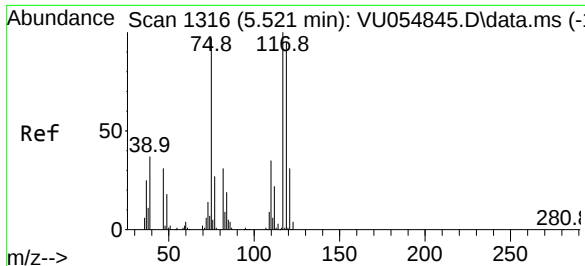
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#28
1,1,1-Trichloroethane
Concen: 0.421 ug/l
RT: 5.313 min Scan# 1251
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

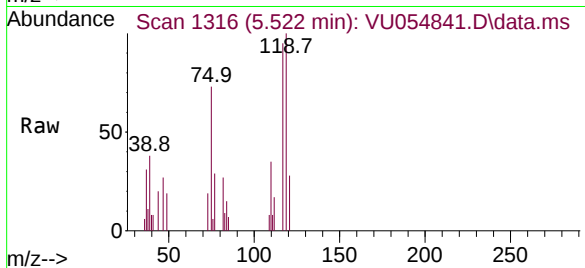
Tgt Ion: 97 Resp: 4010
Ion Ratio Lower Upper
97 100
99 73.9 32.0 96.2
61 40.8 21.0 63.0





#29
1,1-Dichloropropene
Concen: 0.424 ug/l
RT: 5.522 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

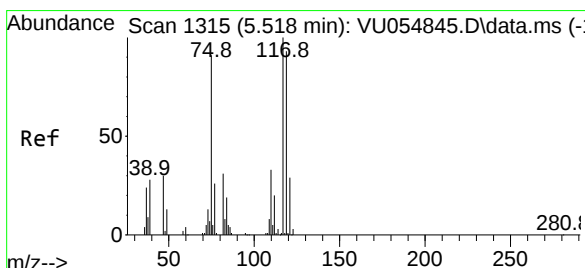
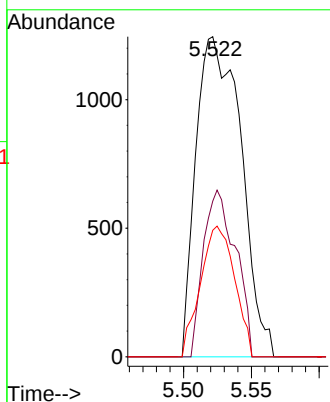
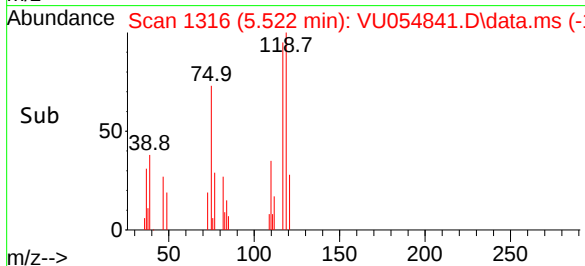
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



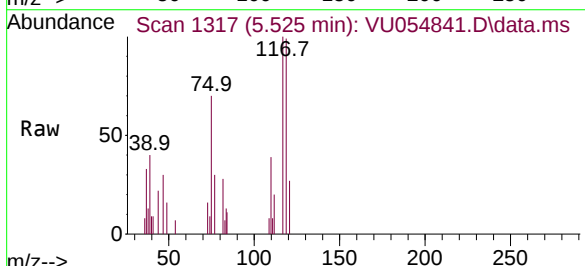
Tgt Ion: 75 Resp: 287
Ion Ratio Lower Upper
75 100
110 37.3 18.5 55.5
77 31.0 24.9 37.3

Manual Integrations
APPROVED

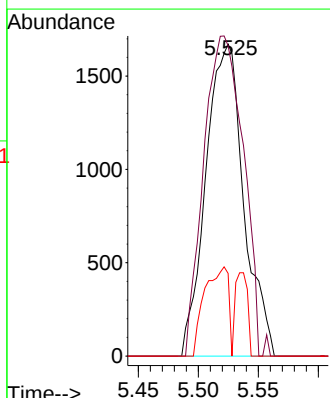
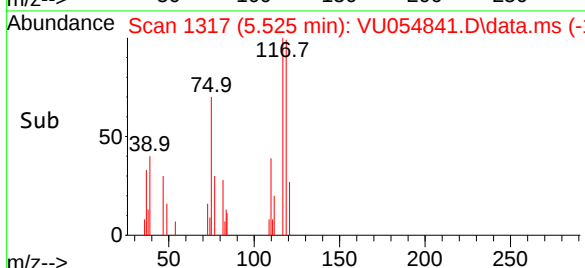
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

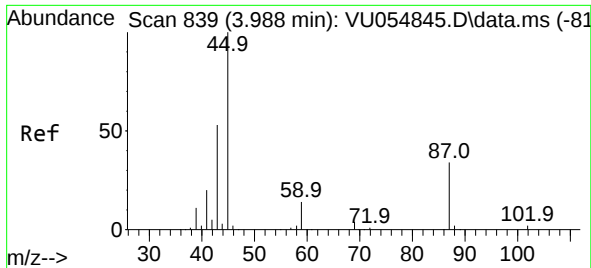


#30
Carbon Tetrachloride
Concen: 0.464 ug/l
RT: 5.525 min Scan# 1317
Delta R.T. 0.007 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55



Tgt Ion:117 Resp: 3675
Ion Ratio Lower Upper
117 100
119 99.5 75.6 113.4
121 26.5 23.4 35.0





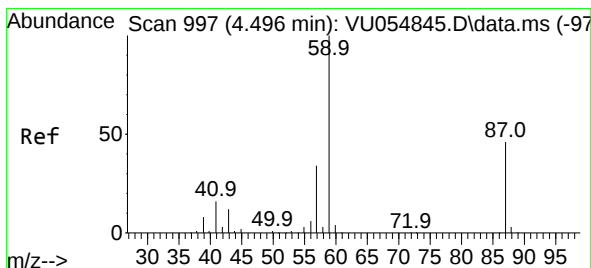
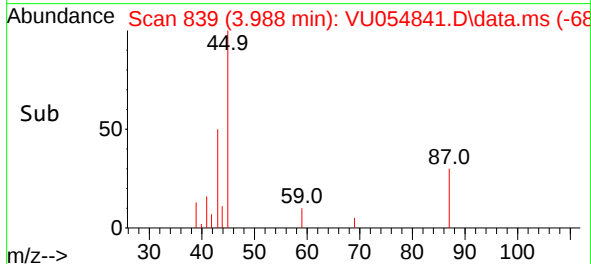
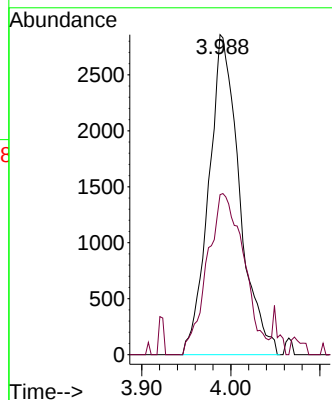
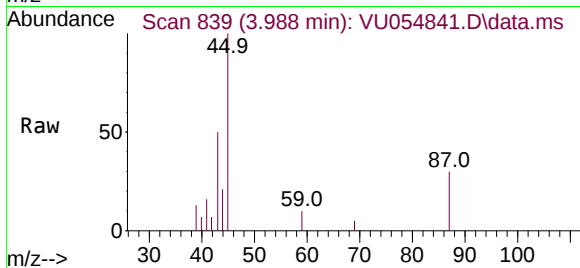
#31
Isopropyl Ether
Concen: 0.450 ug/l
RT: 3.988 min Scan# 839
Delta R.T. 0.000 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 45 Resp: 6860
Ion Ratio Lower Upper
45 100
43 60.0 26.4 79.2

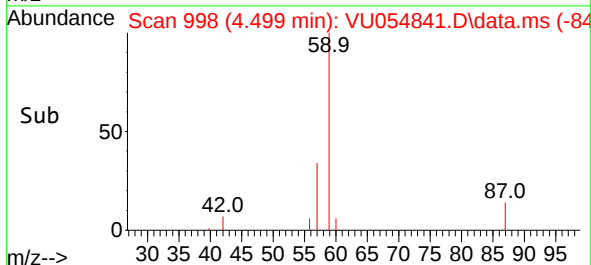
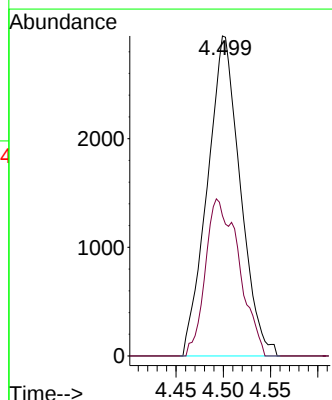
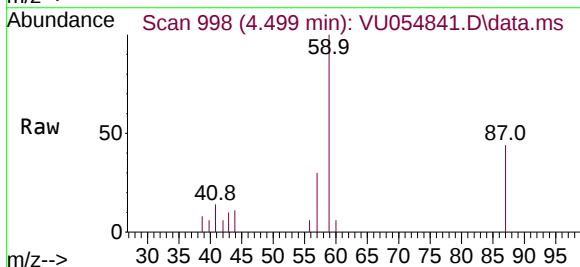
Manual Integrations
APPROVED

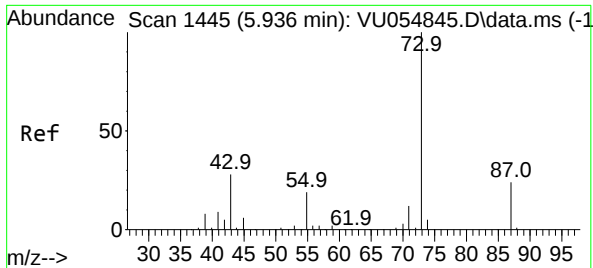
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#32
Ethyl-t-butyl ether
Concen: 0.454 ug/l
RT: 4.499 min Scan# 998
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion: 59 Resp: 7124
Ion Ratio Lower Upper
59 100
87 50.3 35.7 53.5





#33
Tert-Amyl methyl ether
Concen: 0.465 ug/l
RT: 5.939 min Scan# 1445
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Instrument :

MSVOA_U

ClientSampleId :

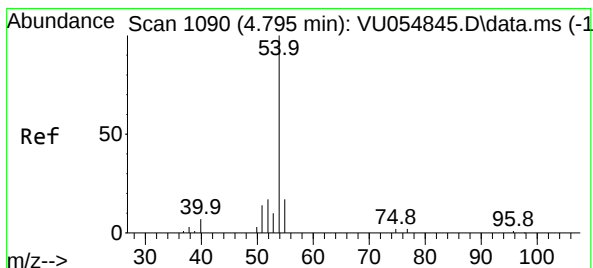
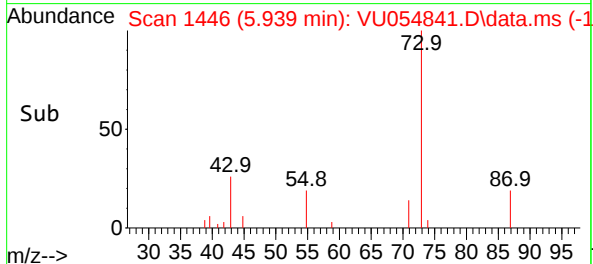
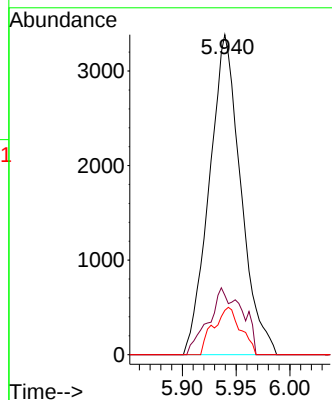
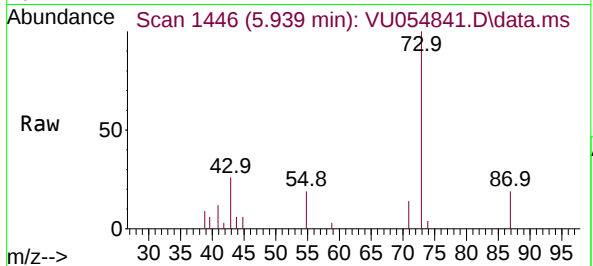
VSTDIC0.5

Tgt Ion: 73 Resp: 687
Ion Ratio Lower Upper
73 100
87 22.3 19.6 29.4
71 12.8 9.1 13.7

Manual Integrations

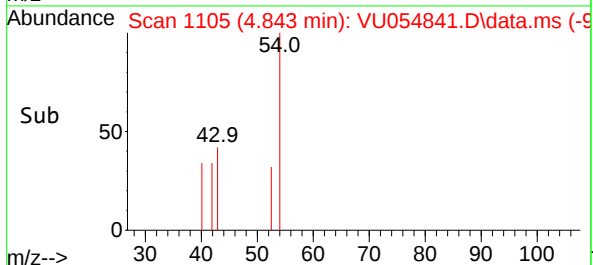
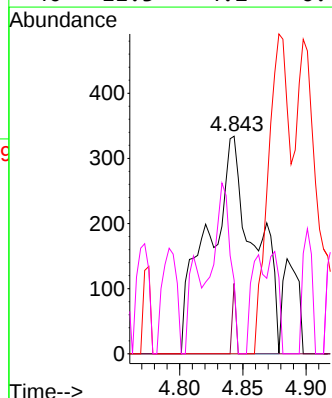
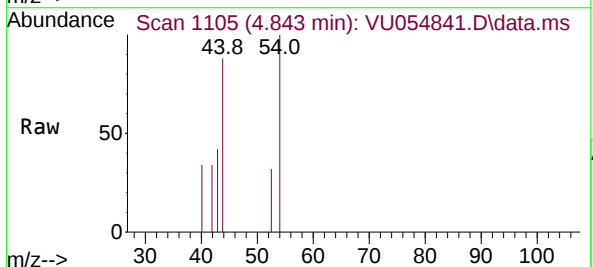
APPROVED

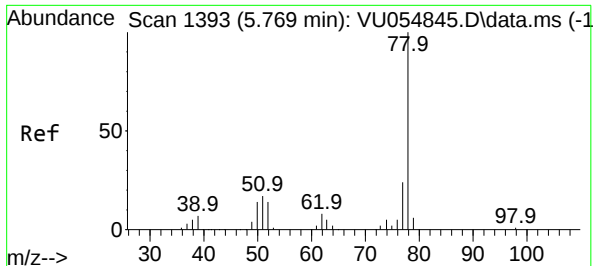
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#34
Propionitrile
Concen: 1.965 ug/l m
RT: 4.843 min Scan# 1105
Delta R.T. 0.048 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion: 54 Resp: 846
Ion Ratio Lower Upper
54 100
52 0.0 13.8 20.8#
55 0.0 4.8 7.2#
40 11.3 4.2 6.4#





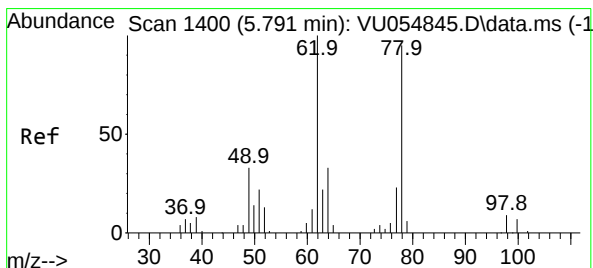
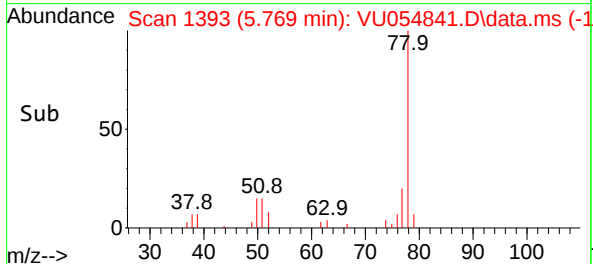
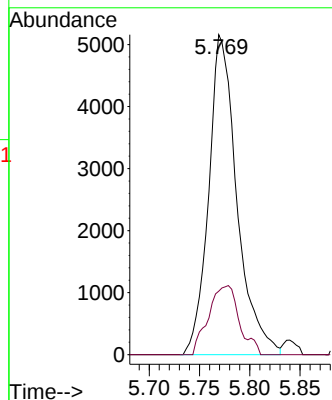
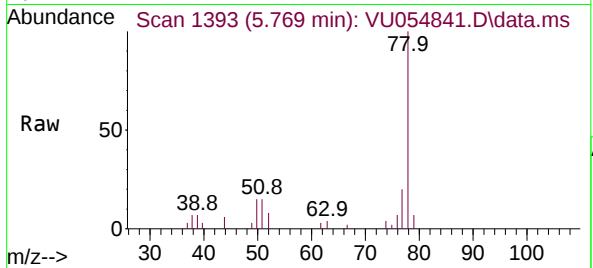
#35
Benzene
Concen: 0.458 ug/l
RT: 5.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 78 Resp: 1008
Ion Ratio Lower Upper
78 100
77 19.8 19.4 29.2

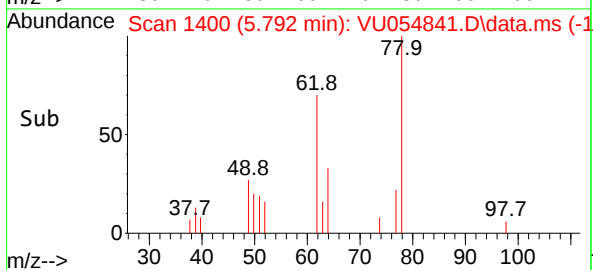
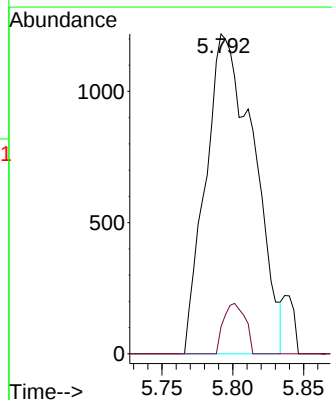
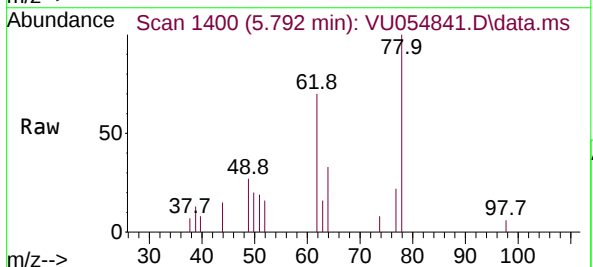
Manual Integrations
APPROVED

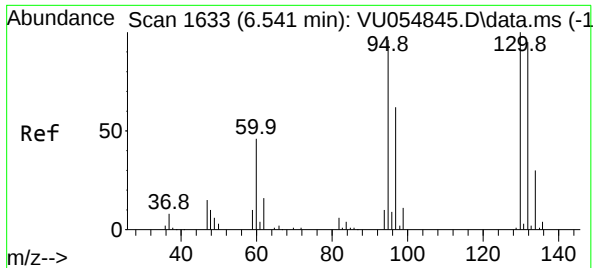
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#36
1,2-Dichloroethane
Concen: 0.455 ug/l
RT: 5.792 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion: 62 Resp: 2876
Ion Ratio Lower Upper
62 100
98 7.1 7.8 11.8#





#37
Trichloroethene
Concen: 0.484 ug/l
RT: 6.544 min Scan# 1710
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Instrument :

MSVOA_U

ClientSampleId :

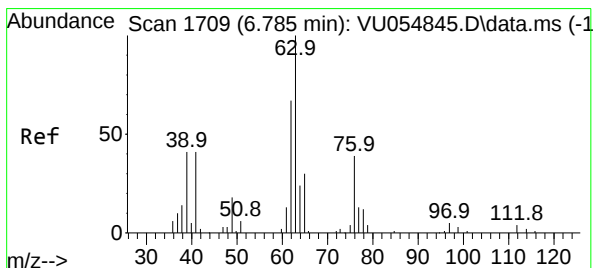
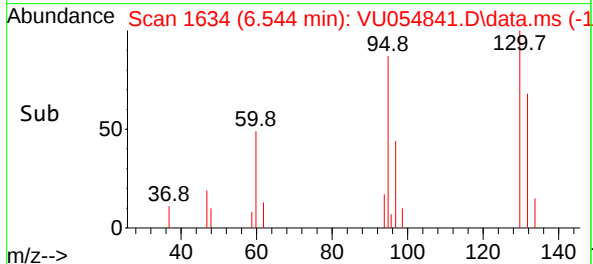
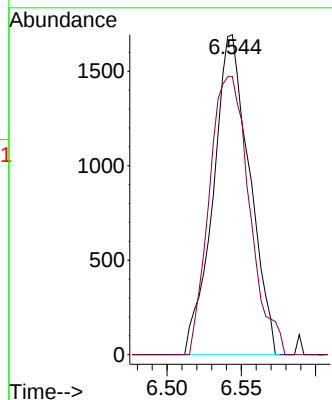
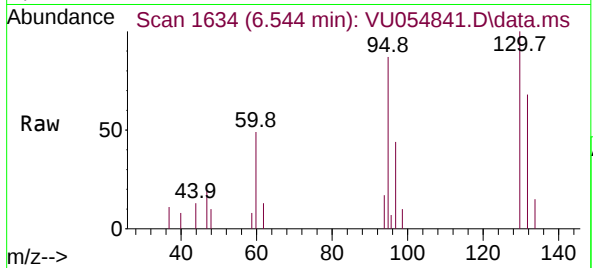
VSTDICC0.5

Tgt Ion:130 Resp: 288
Ion Ratio Lower Upper
130 100
95 93.6 76.8 115.2

Manual Integrations

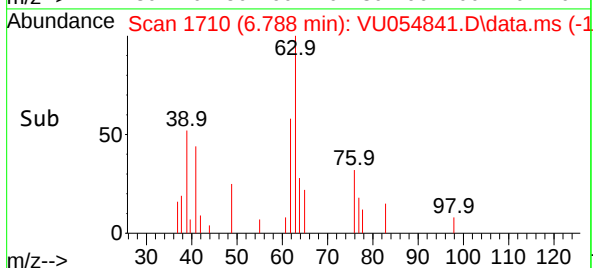
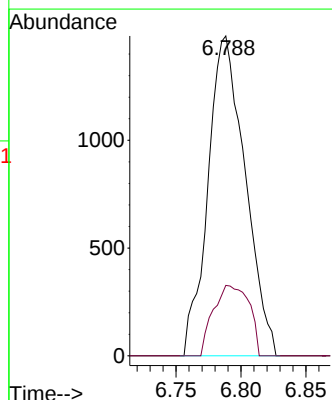
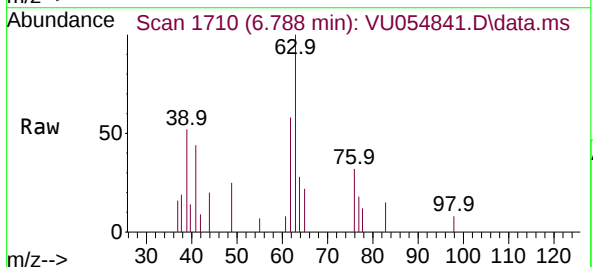
APPROVED

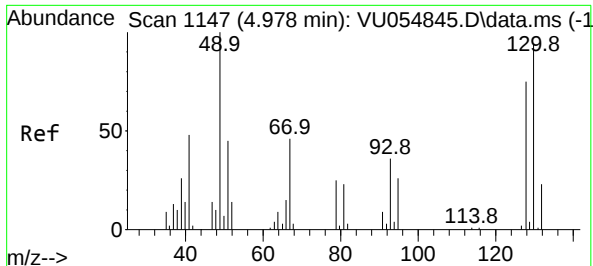
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#38
1,2-Dichloropropane
Concen: 0.465 ug/l
RT: 6.788 min Scan# 1710
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion: 63 Resp: 2956
Ion Ratio Lower Upper
63 100
65 22.0 24.3 36.5#





#39

Methacrylonitrile

Concen: 0.309 ug/l m

RT: 4.988 min Scan# 1115

Delta R.T. 0.010 min

Lab File: VU054841.D

Acq: 21 Jul 2023 16:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

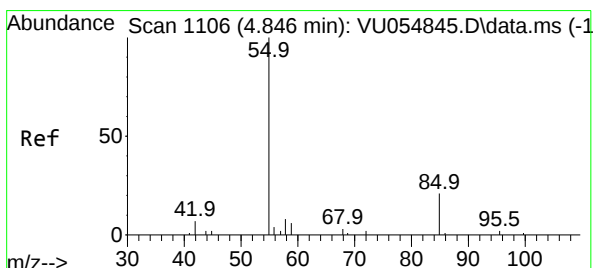
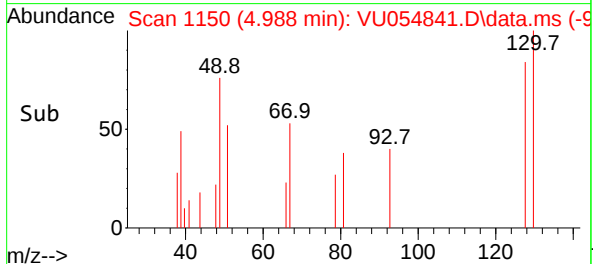
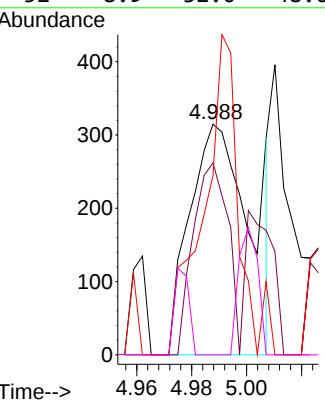
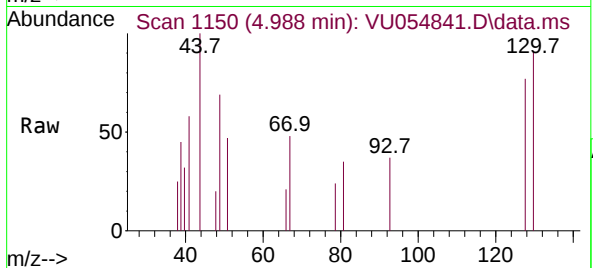
Tgt Ion: 41 Resp: 484

Ion	Ratio	Lower	Upper
41	100		
67	47.5	77.0	115.4
39	80.2	50.4	75.6
52	8.9	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: 0.422 ug/l m

RT: 4.878 min Scan# 1116

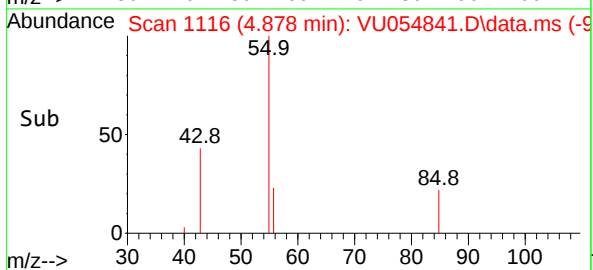
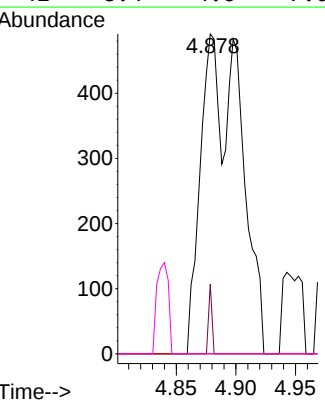
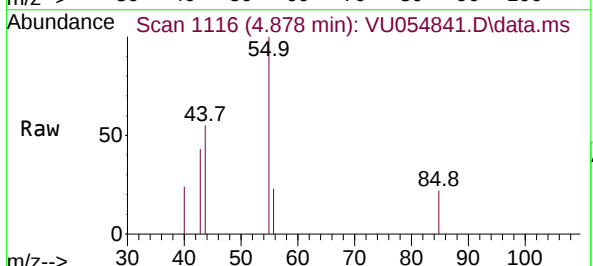
Delta R.T. 0.032 min

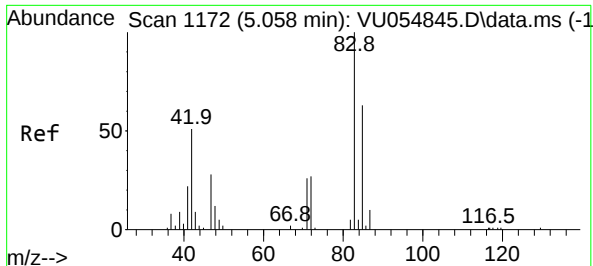
Lab File: VU054841.D

Acq: 21 Jul 2023 16:55

Tgt Ion: 55 Resp: 1127

Ion	Ratio	Lower	Upper
55	100		
85	0.0	13.0	19.6
58	0.0	5.7	8.5
42	8.4	4.6	7.0





#41

Tetrahydrofuran

Concen: 0.987 ug/l m

RT: 5.075 min Scan# 1172

Delta R.T. 0.016 min

Lab File: VU054841.D

Acq: 21 Jul 2023 16:55

Instrument :

MSVOA_U

ClientSampleId :

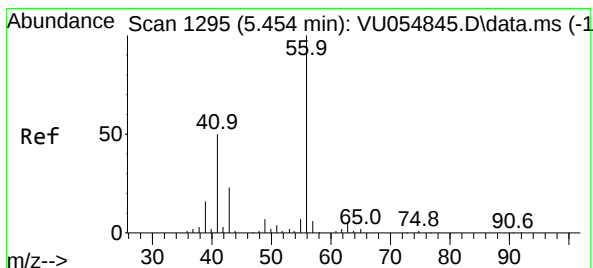
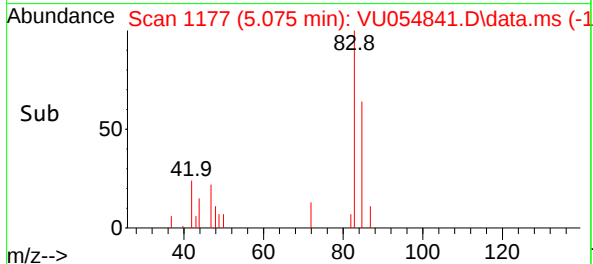
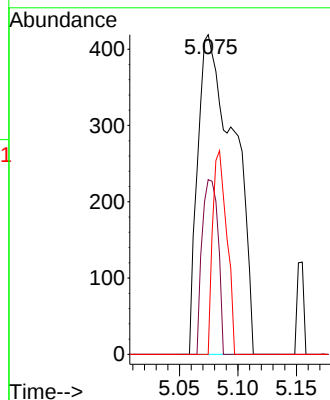
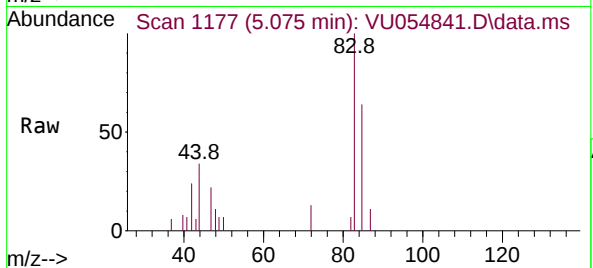
VSTDICC0.5

Tgt Ion: 42	Resp: 90
Ion Ratio	Lower Upper
42	100
72	23.9 42.1 63.1
71	24.6 39.7 59.5

Manual Integrations

APPROVED

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



#42

1-Chlorobutane

Concen: 0.449 ug/l

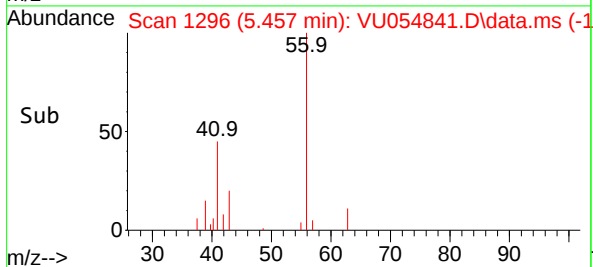
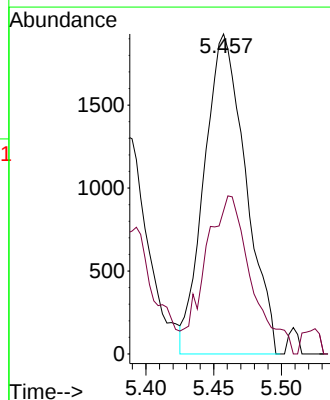
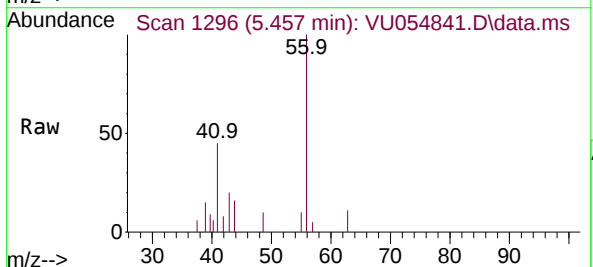
RT: 5.457 min Scan# 1296

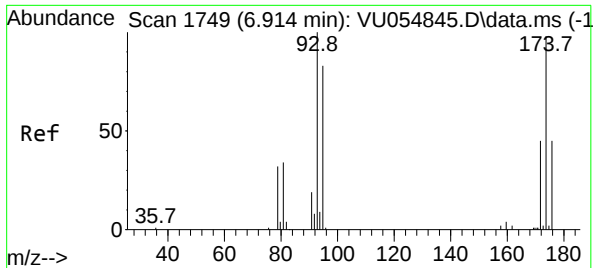
Delta R.T. 0.003 min

Lab File: VU054841.D

Acq: 21 Jul 2023 16:55

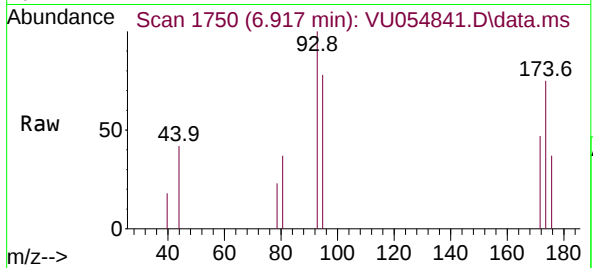
Tgt Ion: 56	Resp: 4112
Ion Ratio	Lower Upper
56	100
41	54.6 23.9 71.7





#43
Dibromomethane
Concen: 0.420 ug/l
RT: 6.917 min Scan# 1750
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

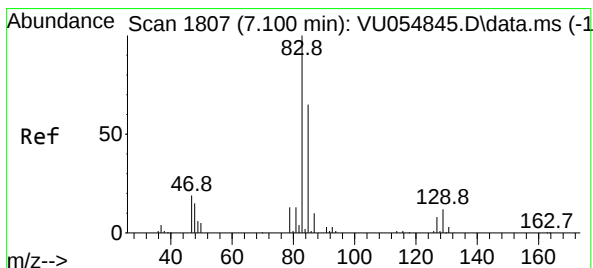
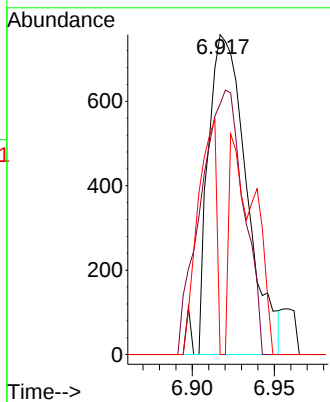
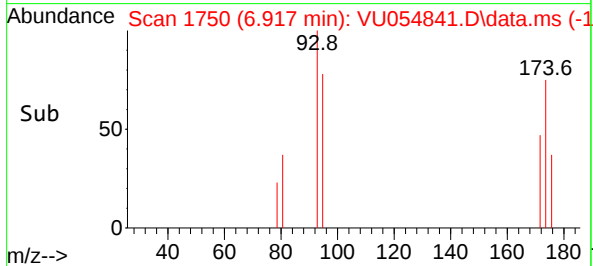
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



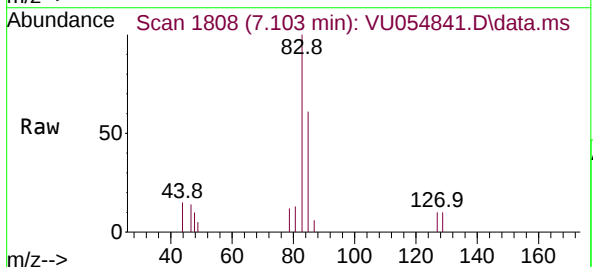
Tgt Ion: 93 Resp: 124
Ion Ratio Lower Upper
93 100
95 91.4 64.7 97.1
174 26.5 74.4 111.6

Manual Integrations
APPROVED

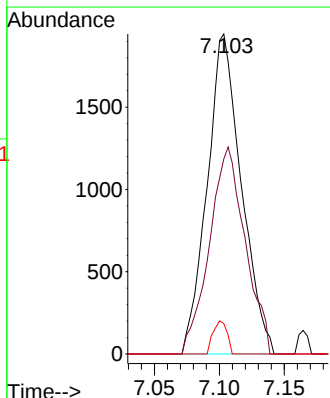
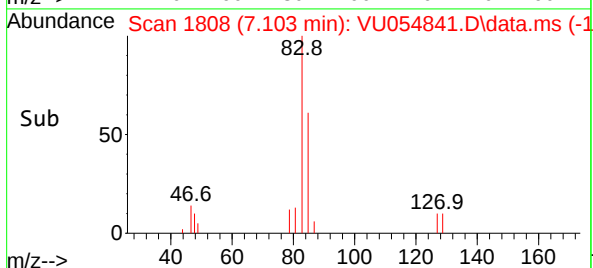
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

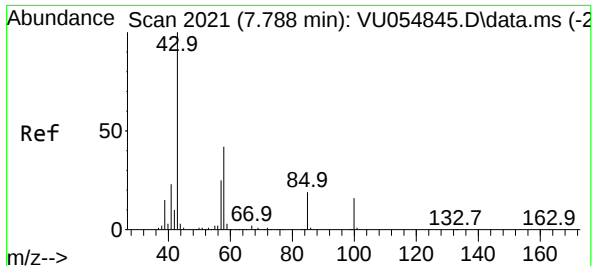


#44
Bromodichloromethane
Concen: 0.440 ug/l
RT: 7.103 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55



Tgt Ion: 83 Resp: 3560
Ion Ratio Lower Upper
83 100
85 61.0 52.2 78.2
127 9.5 6.1 9.1





#45

4-Methyl-2-Pentanone

Concen: 2.187 ug/l

RT: 7.795 min Scan# 2021

Delta R.T. 0.007 min

Lab File: VU054841.D

Acq: 21 Jul 2023 16:55

Instrument :

MSVOA_U

ClientSampleId :

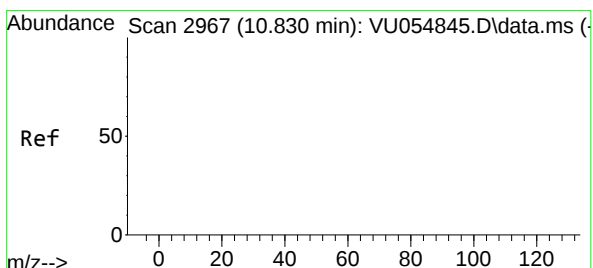
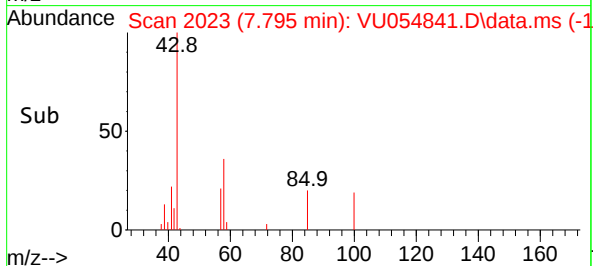
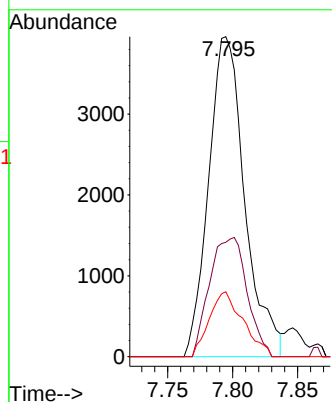
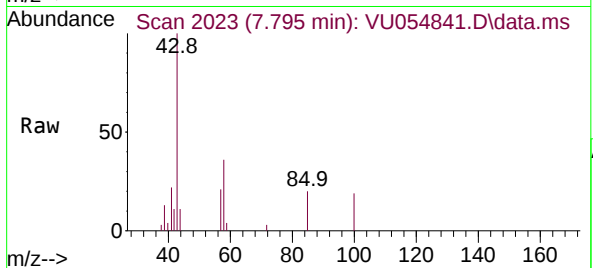
VSTDICC0.5

Tgt Ion: 43	Resp: 765
Ion Ratio	Lower Upper
43 100	
58 38.6	21.3 63.7
85 19.0	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: 0.867 ug/l m

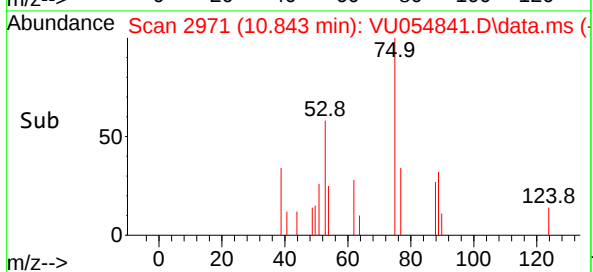
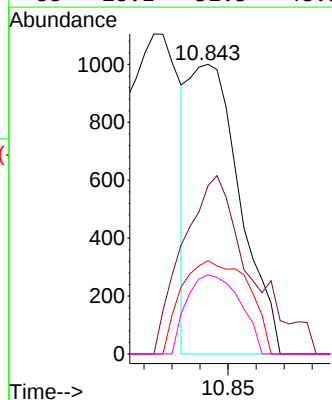
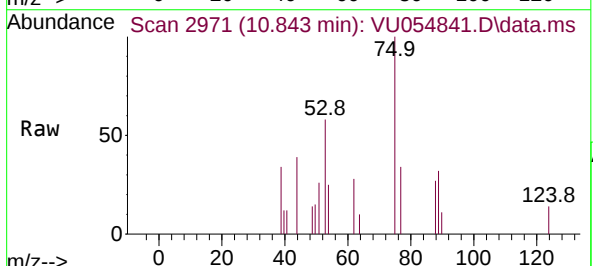
RT: 10.843 min Scan# 2971

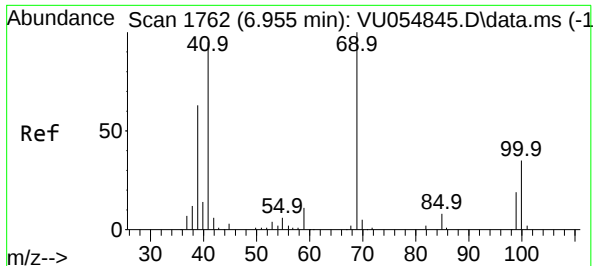
Delta R.T. 0.013 min

Lab File: VU054841.D

Acq: 21 Jul 2023 16:55

Tgt Ion: 75	Resp: 1276
Ion Ratio	Lower Upper
75 100	
53 80.6	62.9 94.3
89 41.9	47.8 71.8#
88 28.1	32.3 48.5#





#47

Methyl methacrylate

Concen: 0.863 ug/l

RT: 6.968 min Scan# 1766

Delta R.T. 0.013 min

Lab File: VU054841.D

Acq: 21 Jul 2023 16:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion: 69 Resp: 2398

Ion Ratio Lower Upper

69 100

41 103.0 0.0 193.0

39 76.5 50.4 75.6

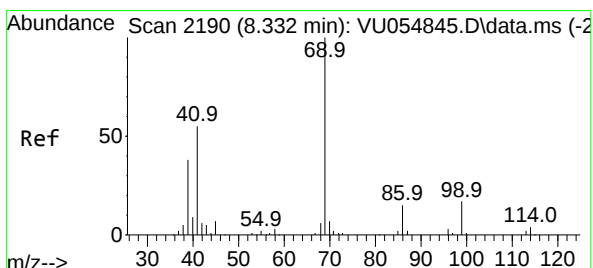
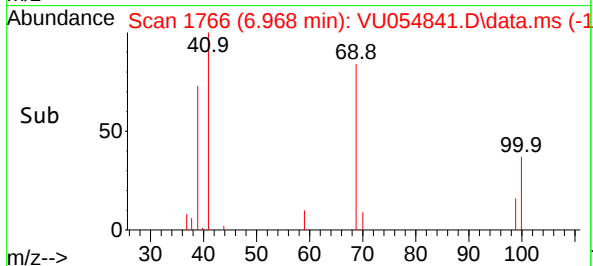
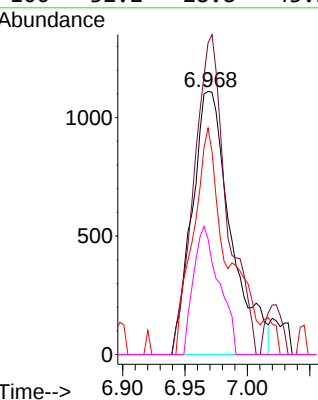
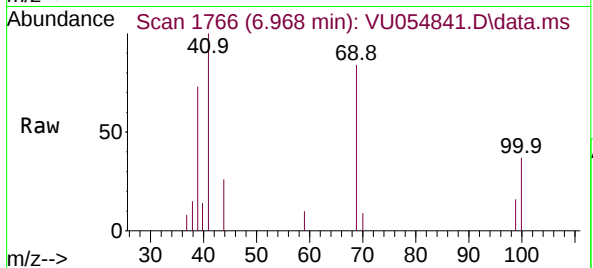
100 32.2 28.8 43.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#48

Ethyl methacrylate

Concen: 0.446 ug/l

RT: 8.335 min Scan# 2191

Delta R.T. 0.003 min

Lab File: VU054841.D

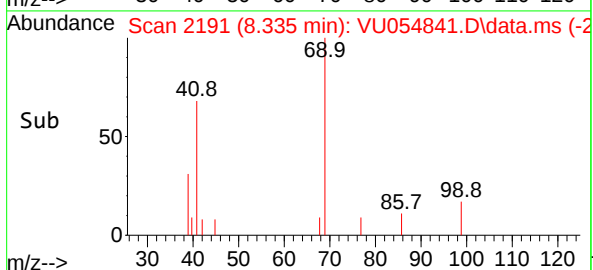
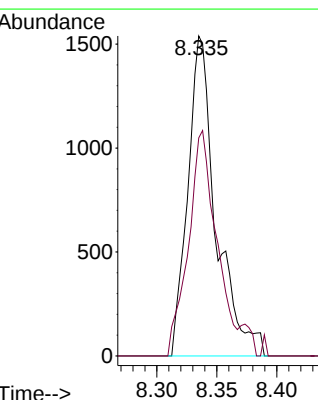
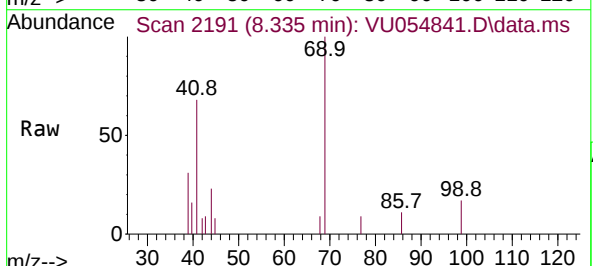
Acq: 21 Jul 2023 16:55

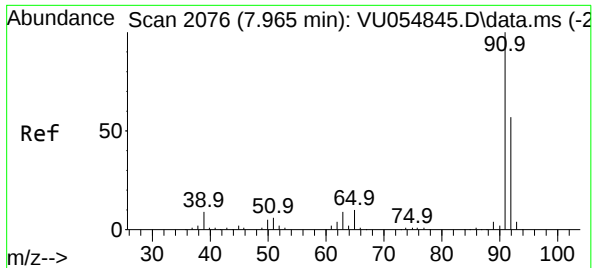
Tgt Ion: 69 Resp: 2514

Ion Ratio Lower Upper

69 100

41 70.1 28.8 86.5





#49

Toluene

Concen: 0.431 ug/l

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU054841.D

Acq: 21 Jul 2023 16:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion: 92 Resp: 605

Ion Ratio Lower Upper

92 100

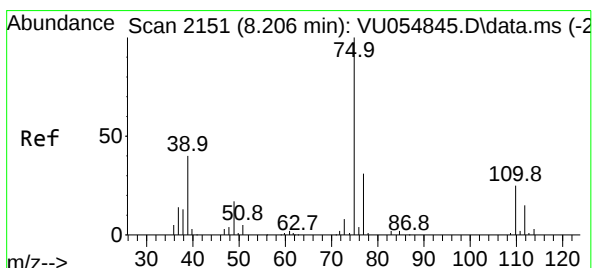
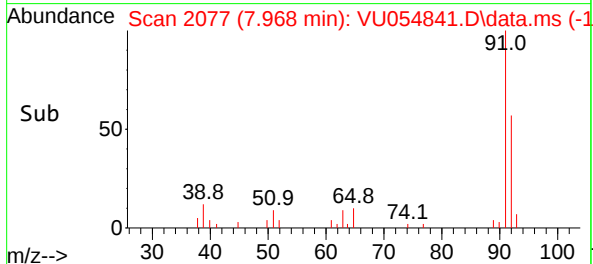
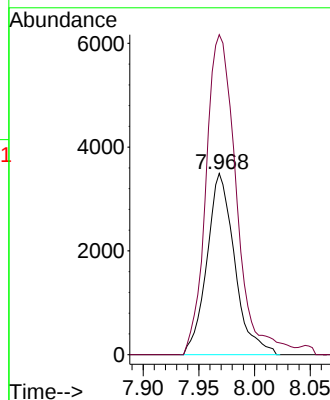
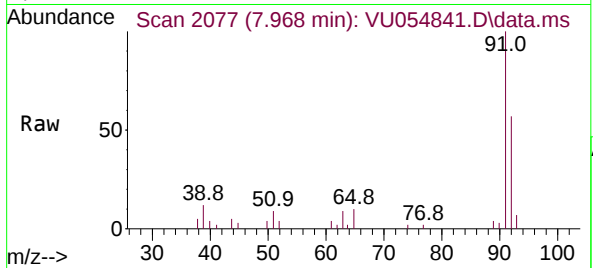
91 193.0 142.9 214.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#50

t-1,3-Dichloropropene

Concen: 0.410 ug/l

RT: 8.216 min Scan# 2154

Delta R.T. 0.010 min

Lab File: VU054841.D

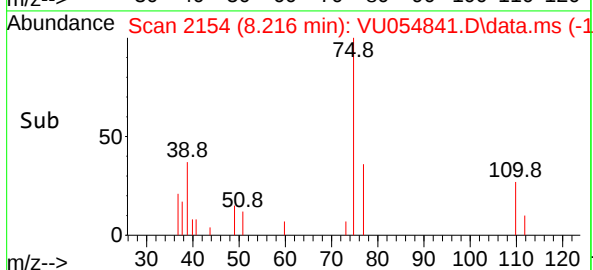
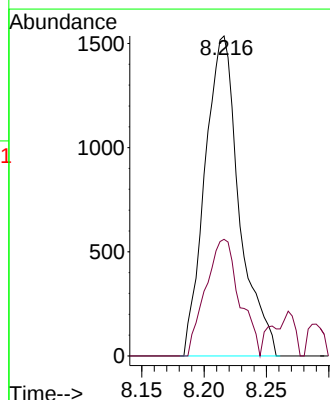
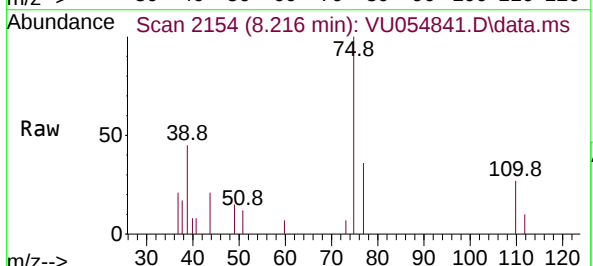
Acq: 21 Jul 2023 16:55

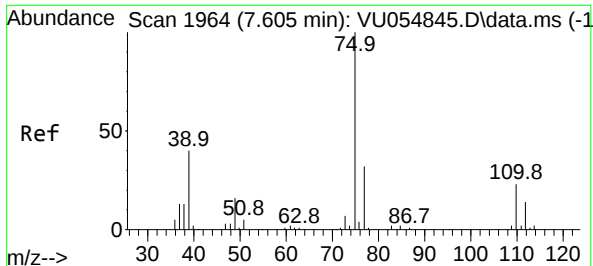
Tgt Ion: 75 Resp: 2946

Ion Ratio Lower Upper

75 100

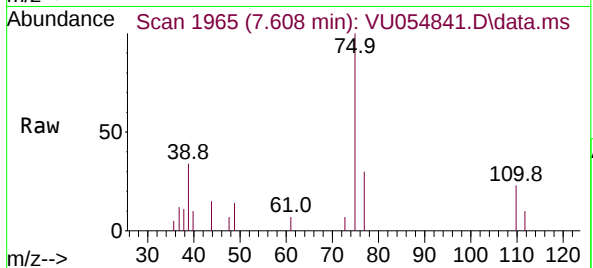
77 36.5 24.9 37.3





#51
cis-1,3-Dichloropropene
Concen: 0.454 ug/l
RT: 7.608 min Scan# 1964
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

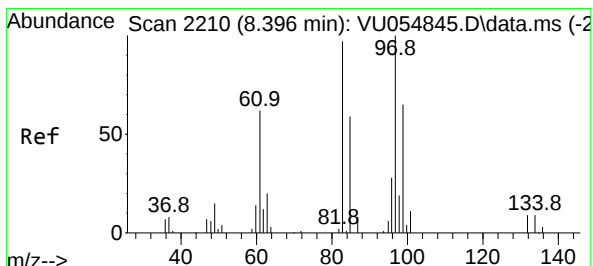
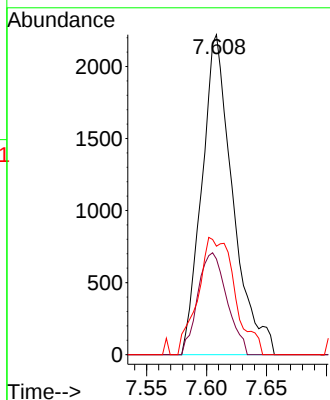
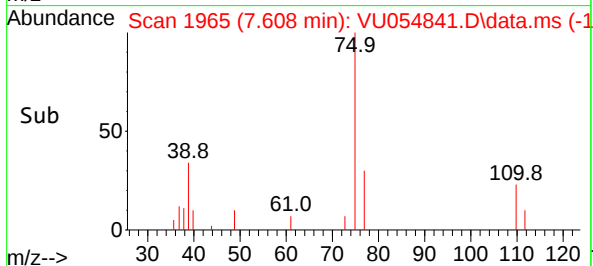
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



Tgt Ion: 75 Resp: 3960
Ion Ratio Lower Upper
75 100
77 29.9 25.8 38.8
39 33.9 31.7 47.5

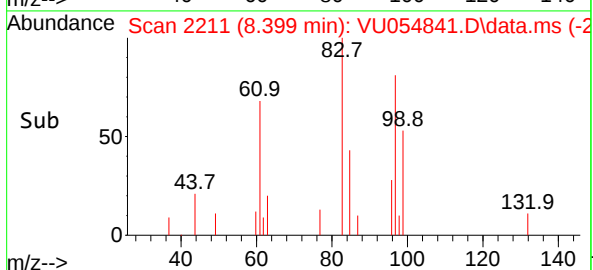
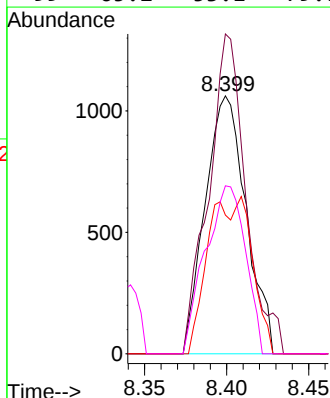
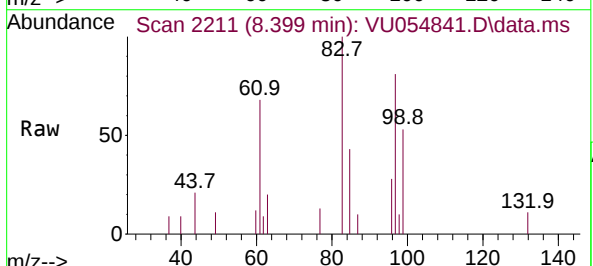
Manual Integrations
APPROVED

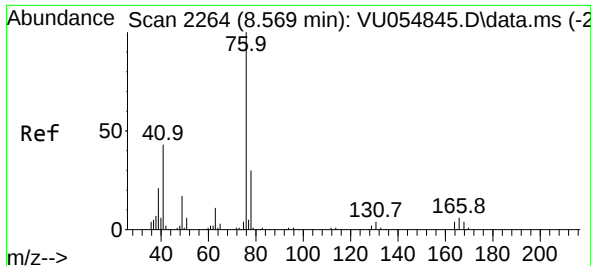
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#52
1,1,2-Trichloroethane
Concen: 0.413 ug/l
RT: 8.399 min Scan# 2211
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion: 97 Resp: 1841
Ion Ratio Lower Upper
97 100
83 124.0 77.4 116.2#
85 53.8 47.8 71.8
99 65.2 53.1 79.7





#53

1,3-Dichloropropane

Concen: 0.424 ug/l

RT: 8.570 min Scan# 219

Delta R.T. 0.000 min

Lab File: VU054841.D

Acq: 21 Jul 2023 16:55

Instrument :

MSVOA_U

ClientSampleId :

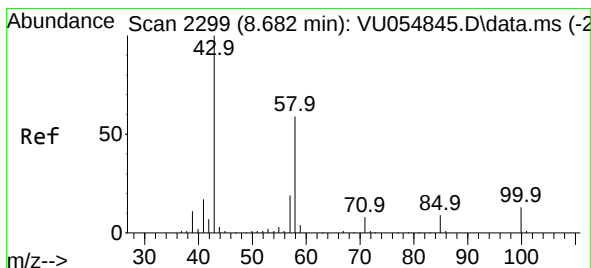
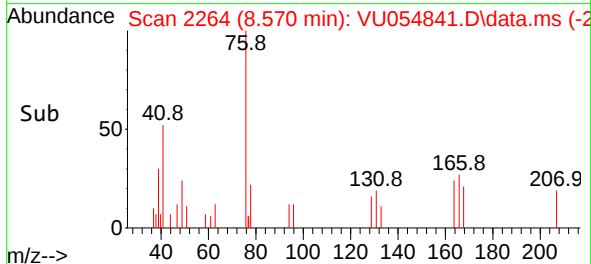
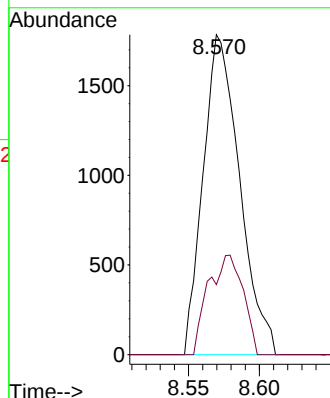
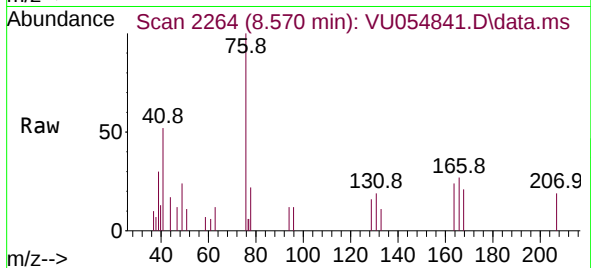
VSTDIC0.5

Tgt Ion: 76	Resp: 319
Ion Ratio	Lower Upper
76	100
78	29.5 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: 2.354 ug/l

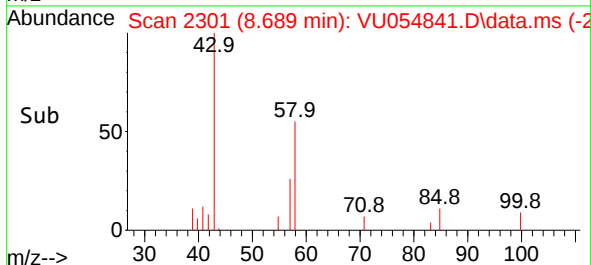
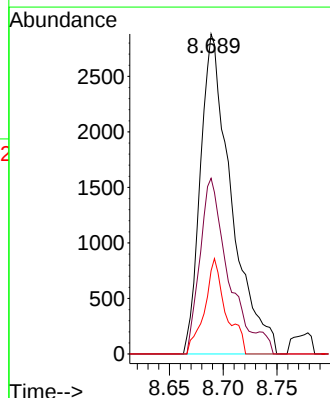
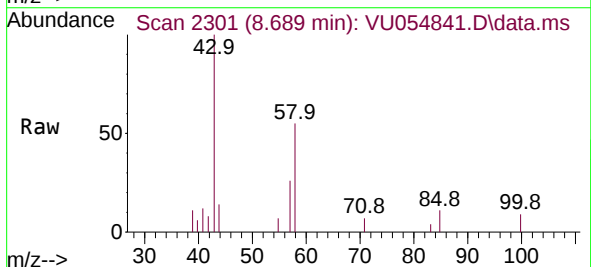
RT: 8.689 min Scan# 2301

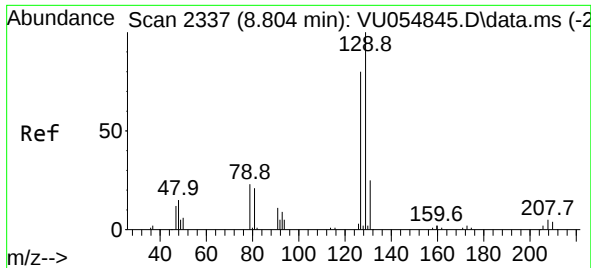
Delta R.T. 0.007 min

Lab File: VU054841.D

Acq: 21 Jul 2023 16:55

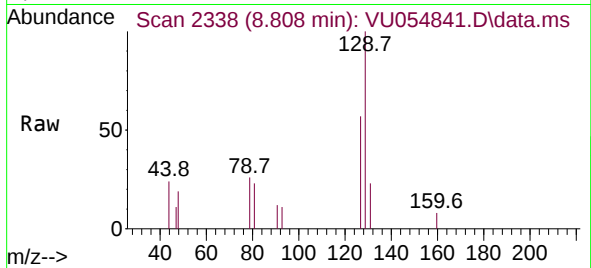
Tgt Ion: 43	Resp: 5742
Ion Ratio	Lower Upper
43	100
58	51.5 38.9 78.9
57	20.7 0.0 38.7





#55
Dibromochloromethane
Concen: 0.390 ug/l
RT: 8.808 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

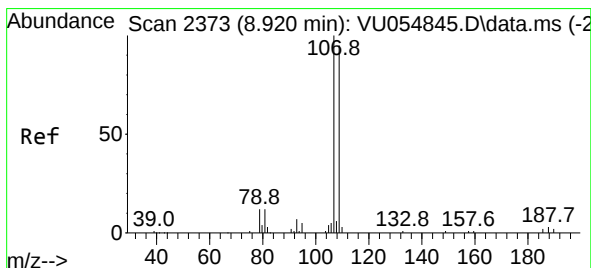
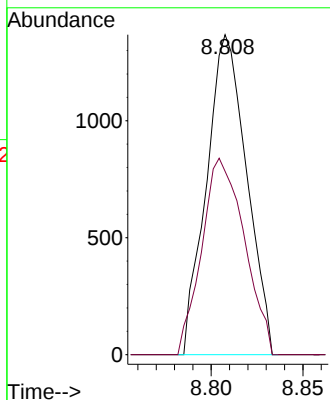
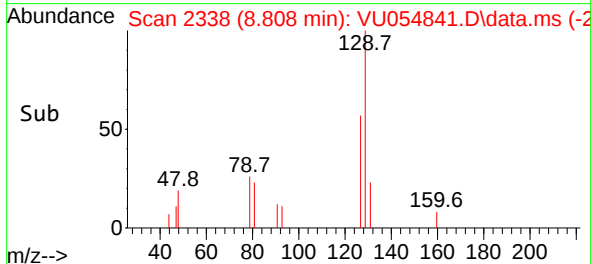
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



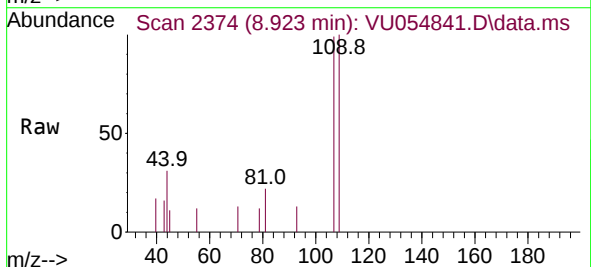
Tgt Ion:129 Resp: 2080
Ion Ratio Lower Upper
129 100
127 65.3 61.4 92.0

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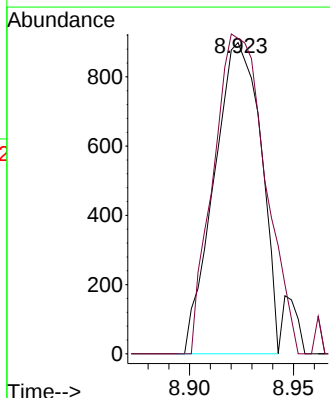
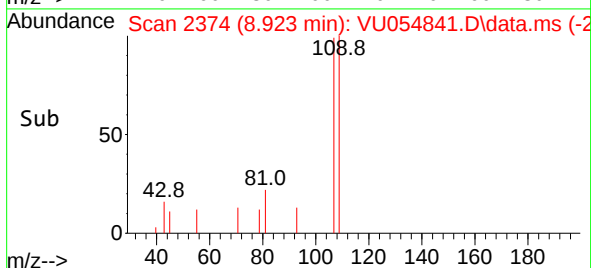
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

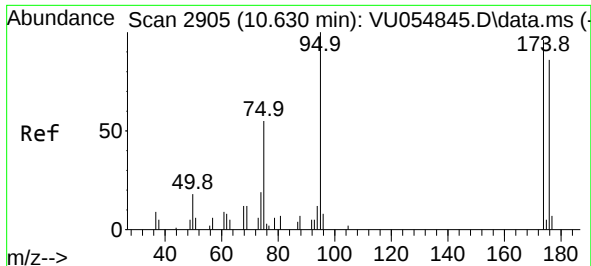


#56
1,2-Dibromoethane
Concen: 0.362 ug/l
RT: 8.923 min Scan# 2374
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55



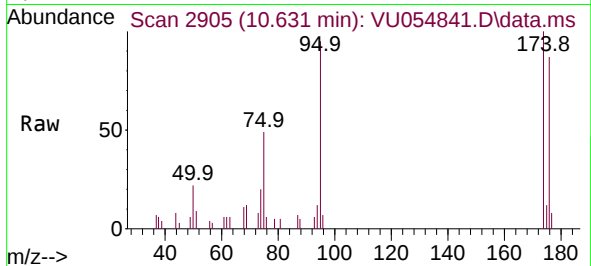
Tgt Ion:107 Resp: 1412
Ion Ratio Lower Upper
107 100
109 113.5 0.0 185.4





#57
4-Bromofluorobenzene
Concen: 0.955 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

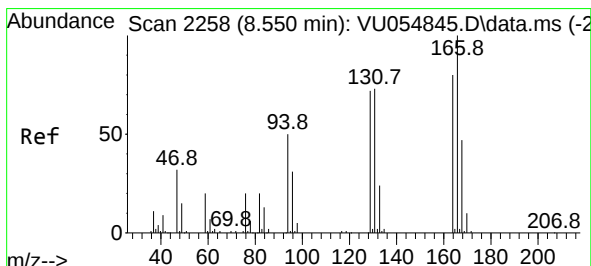
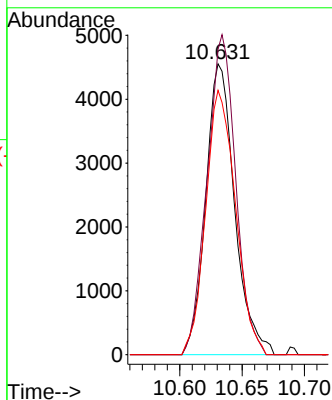
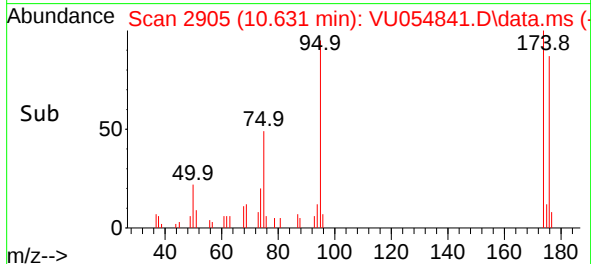
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion: 95 Resp: 735
Ion Ratio Lower Upper
95 100
174 109.1 79.3 118.9
176 93.8 71.5 107.3

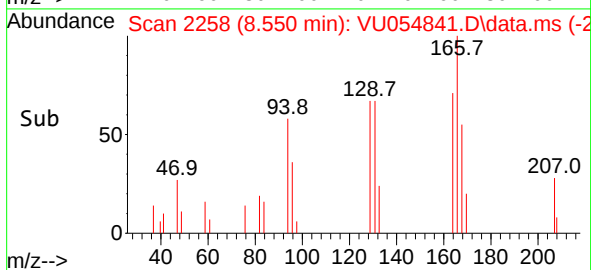
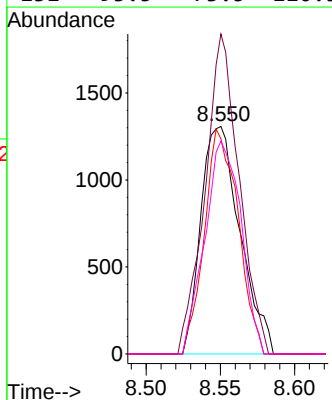
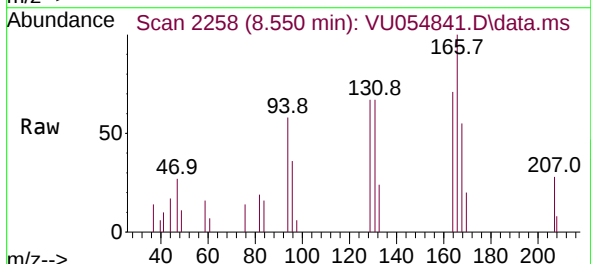
Manual Integrations
APPROVED

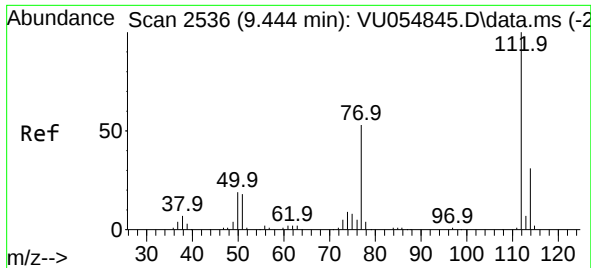
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#58
Tetrachloroethene
Concen: 0.463 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion:164 Resp: 2403
Ion Ratio Lower Upper
164 100
166 140.6 100.4 150.6
129 94.6 71.9 107.9
131 93.5 73.5 110.3





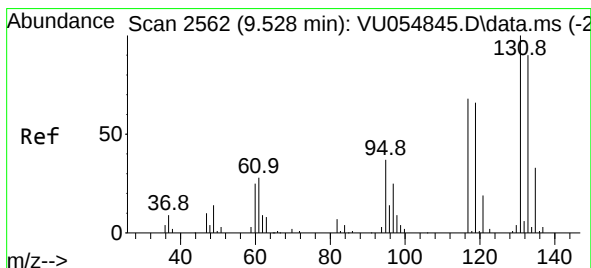
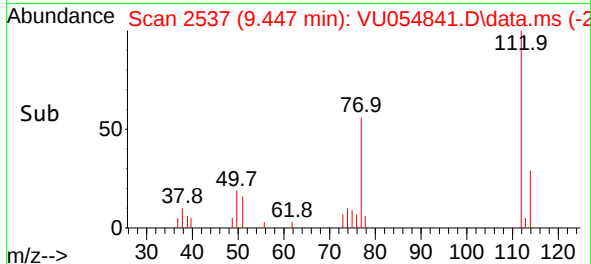
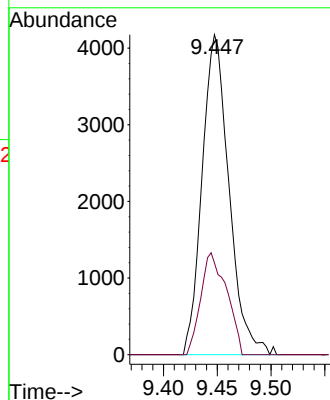
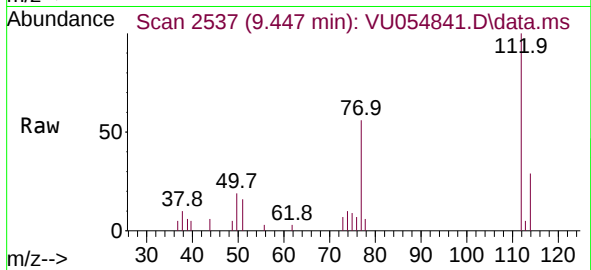
#59
Chlorobenzene
Concen: 0.434 ug/l
RT: 9.447 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:112 Resp: 726
Ion Ratio Lower Upper
112 100
114 28.7 25.0 37.6

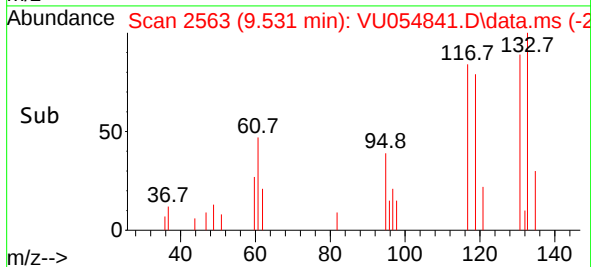
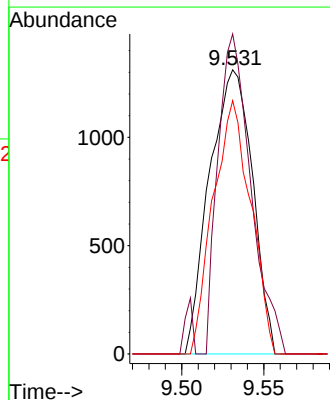
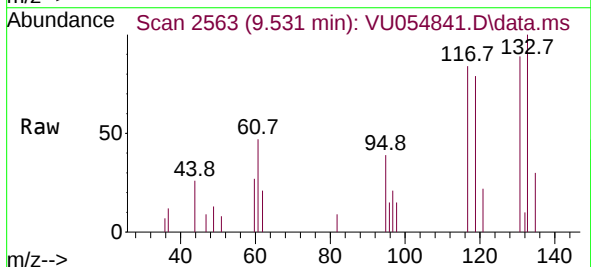
Manual Integrations
APPROVED

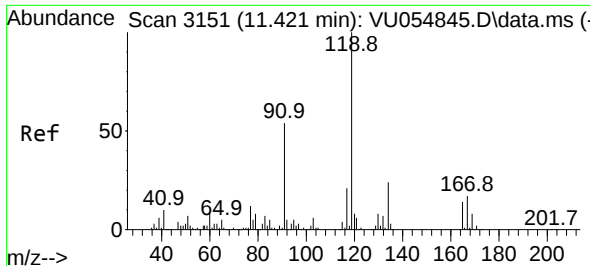
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 0.403 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion:131 Resp: 2383
Ion Ratio Lower Upper
131 100
133 86.4 74.2 111.4
119 78.1 51.0 76.4#





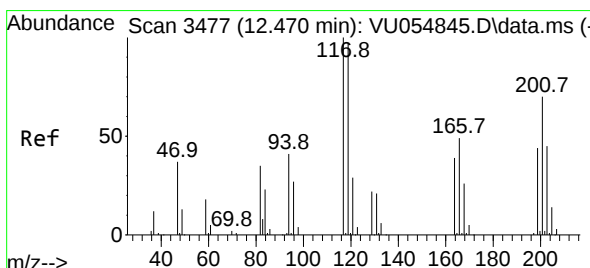
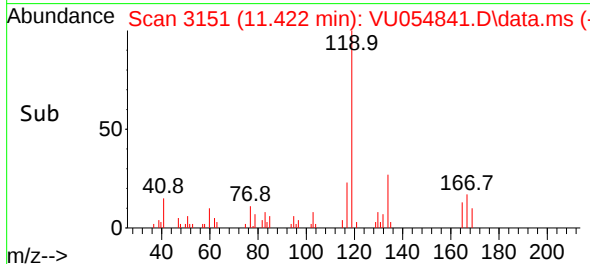
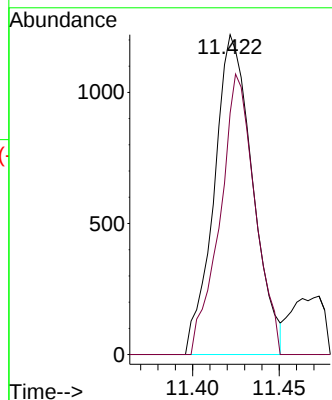
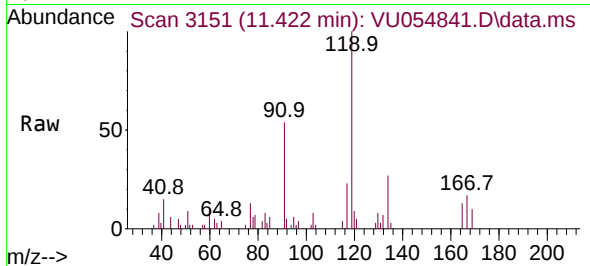
#61
Pentachloroethane
Concen: 0.407 ug/l
RT: 11.422 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:117 Resp: 1892
Ion Ratio Lower Upper
117 100
167 79.5 65.3 97.9

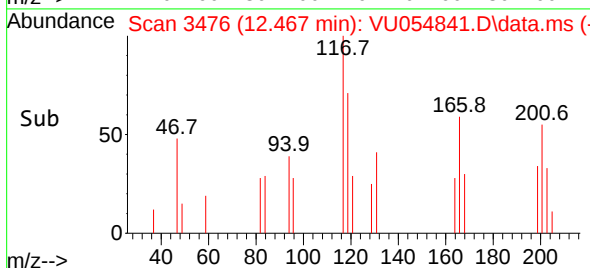
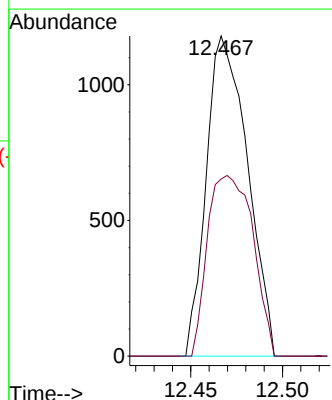
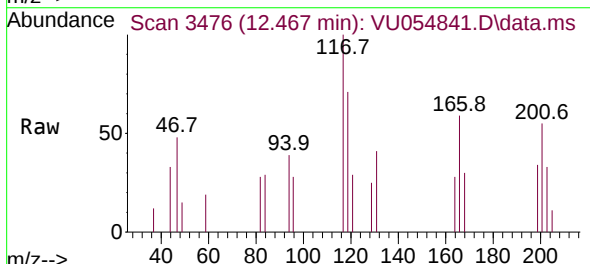
Manual Integrations
APPROVED

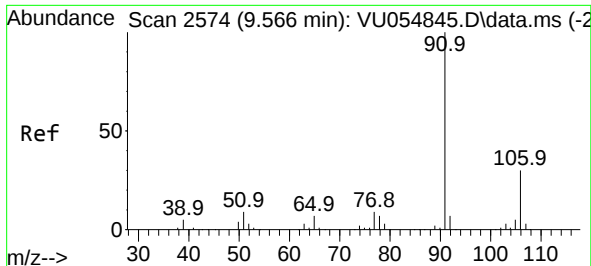
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#62
Hexachloroethane
Concen: 0.385 ug/l
RT: 12.467 min Scan# 3476
Delta R.T. -0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion:117 Resp: 1839
Ion Ratio Lower Upper
117 100
201 62.3 56.1 84.1





#63

Ethyl Benzene

Concen: 0.424 ug/l

RT: 9.570 min Scan# 2110

Delta R.T. 0.003 min

Lab File: VU054841.D

Acq: 21 Jul 2023 16:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion: 91 Resp: 1210

Ion Ratio Lower Upper

91 100

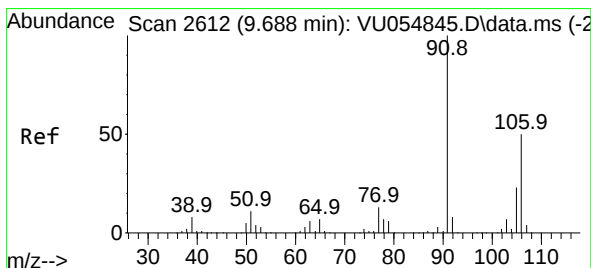
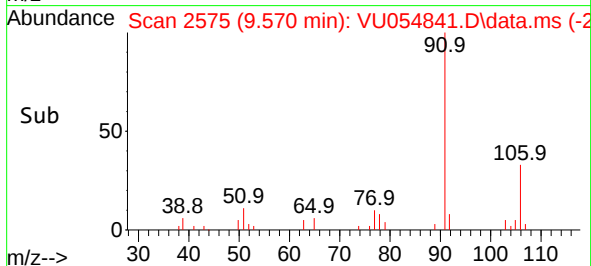
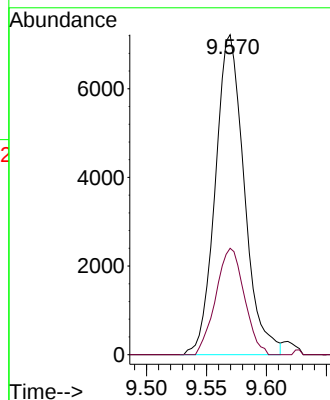
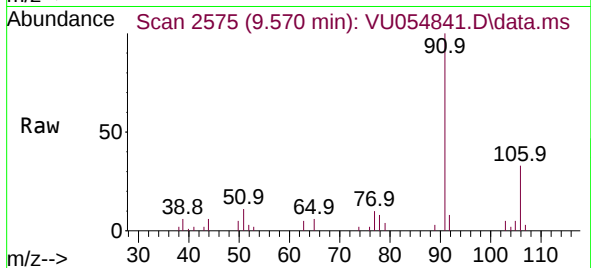
106 33.2 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#64

m/p-Xylenes

Concen: 0.869 ug/l

RT: 9.695 min Scan# 2614

Delta R.T. 0.007 min

Lab File: VU054841.D

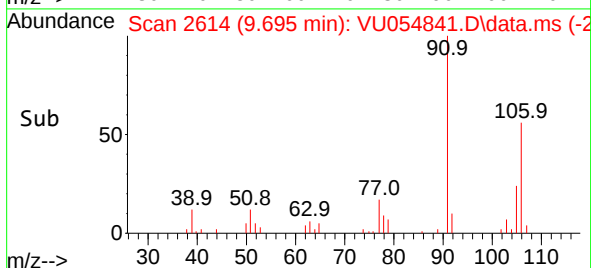
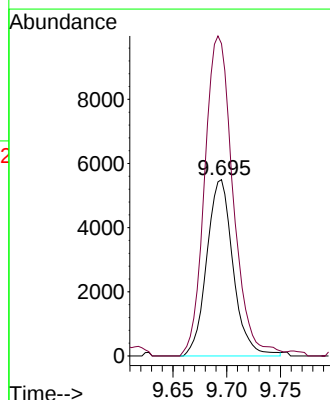
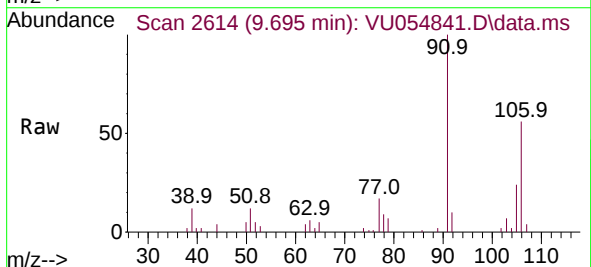
Acq: 21 Jul 2023 16:55

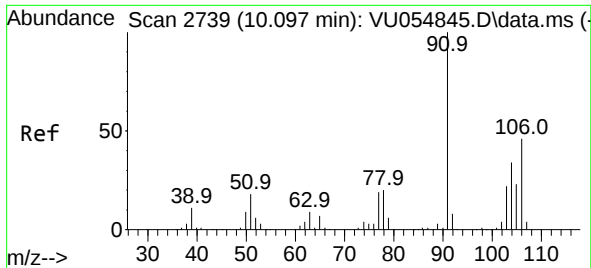
Tgt Ion:106 Resp: 9375

Ion Ratio Lower Upper

106 100

91 195.7 158.8 238.2





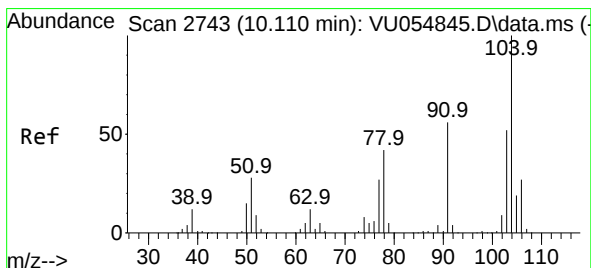
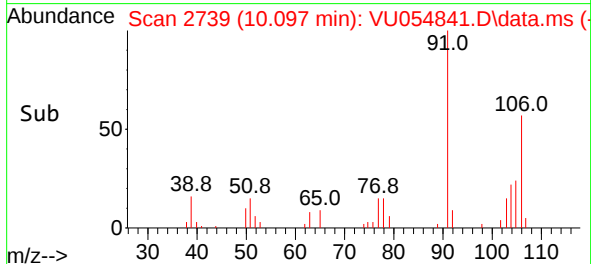
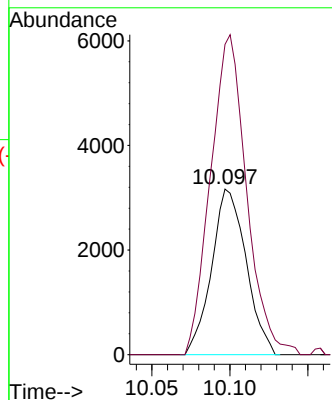
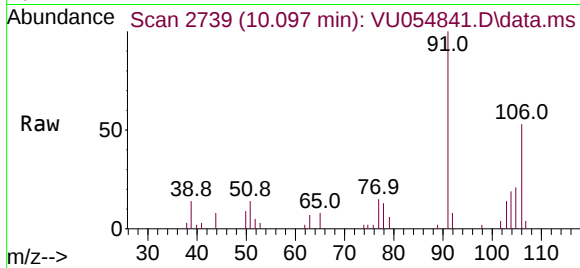
#65
o-Xylene
Concen: 0.448 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:106 Resp: 487
Ion Ratio Lower Upper
106 100
91 201.7 108.9 326.8

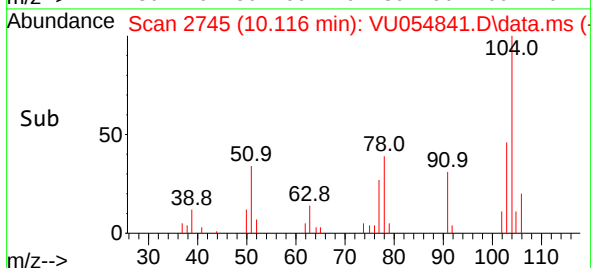
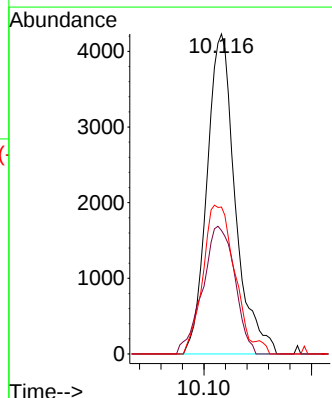
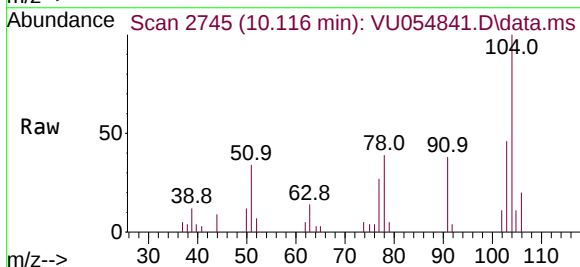
Manual Integrations
APPROVED

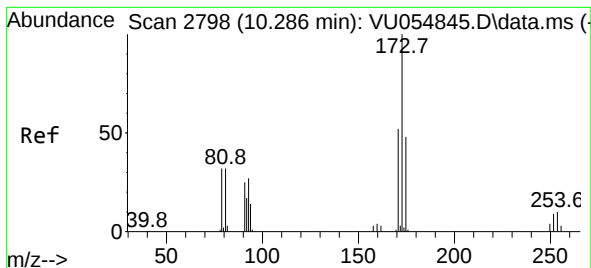
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#66
Styrene
Concen: 0.441 ug/l
RT: 10.116 min Scan# 2745
Delta R.T. 0.007 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion:104 Resp: 7709
Ion Ratio Lower Upper
104 100
78 45.4 37.5 56.3
103 52.8 45.2 67.8





#67

Bromoform

Concen: 0.418 ug/l

RT: 10.290 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU054841.D

Acq: 21 Jul 2023 16:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

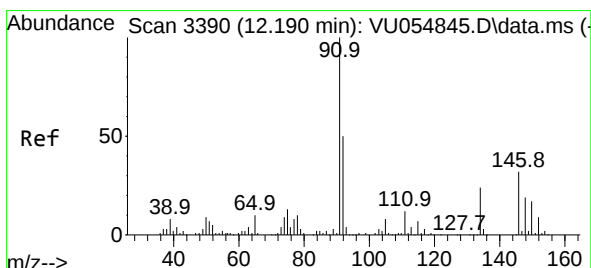
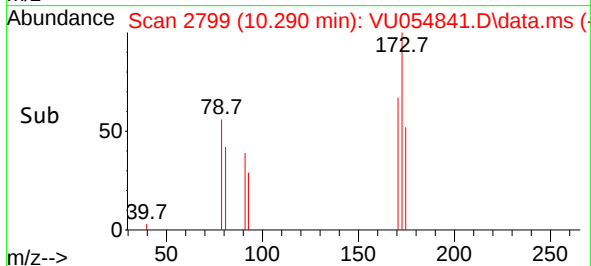
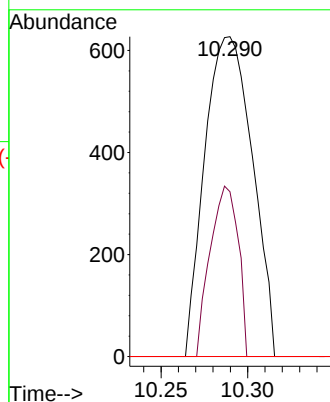
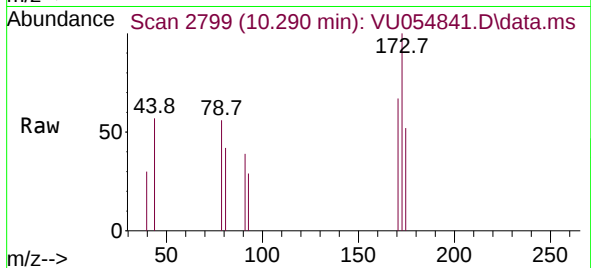
Tgt Ion:	173	Resp:	120
Ion Ratio	Lower	Upper	
173	100		
175	31.2	39.0	58.6
254	0.0	7.4	11.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#68

1,2-Dichlorobenzene-d4

Concen: 0.955 ug/l

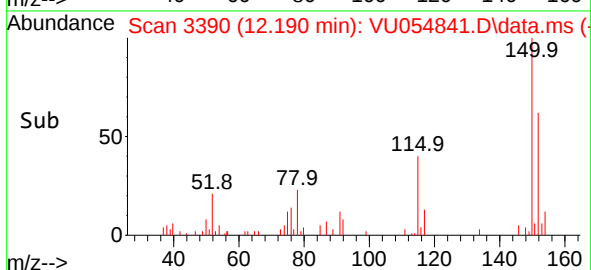
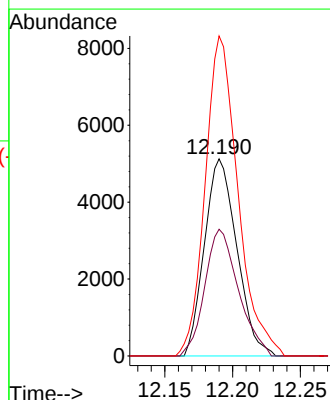
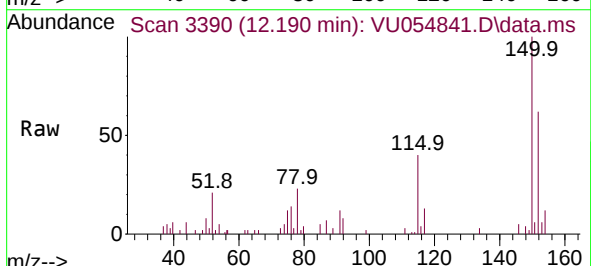
RT: 12.190 min Scan# 3390

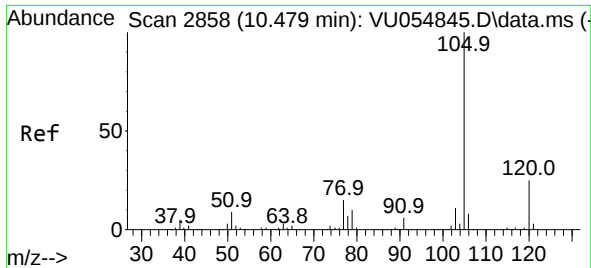
Delta R.T. 0.000 min

Lab File: VU054841.D

Acq: 21 Jul 2023 16:55

Tgt Ion:	152	Resp:	8519
Ion Ratio	Lower	Upper	
152	100		
115	66.6	0.0	234.8
150	164.0	0.0	598.2





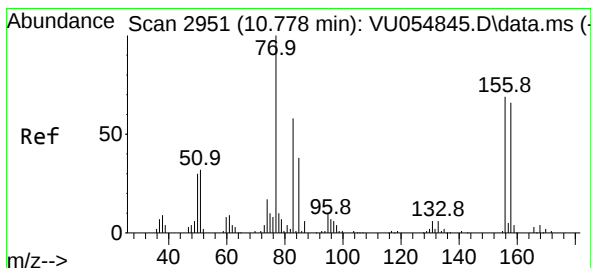
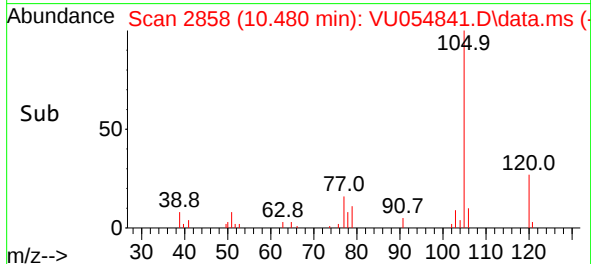
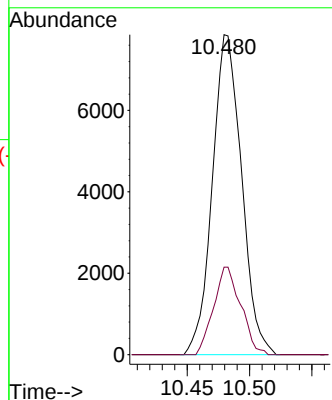
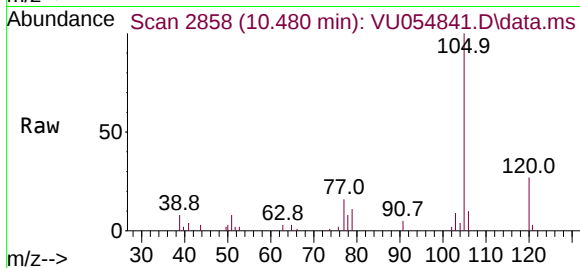
#69
Isopropylbenzene
Concen: 0.435 ug/l
RT: 10.480 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:105 Resp: 12810
Ion Ratio Lower Upper
105 100
120 25.4 12.6 37.6

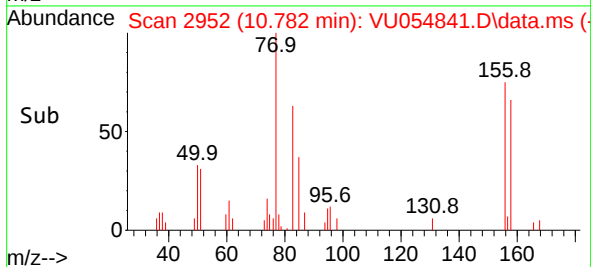
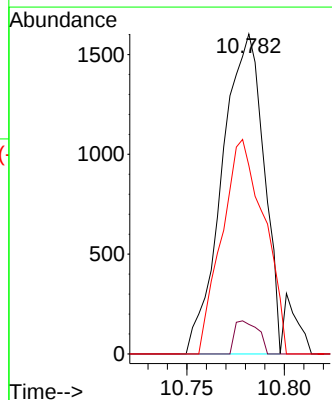
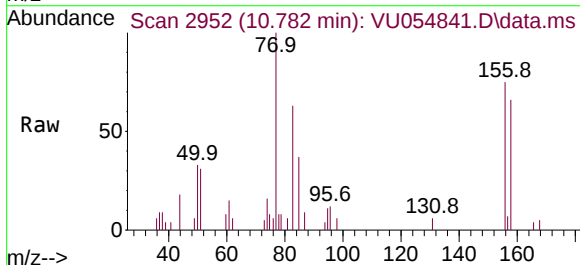
Manual Integrations
APPROVED

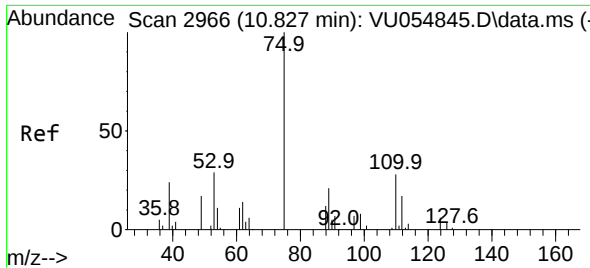
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 0.430 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

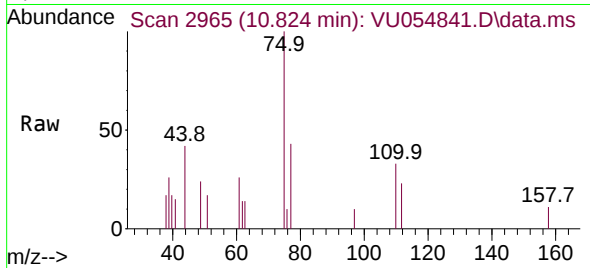
Tgt Ion: 83 Resp: 2390
Ion Ratio Lower Upper
83 100
131 5.8 7.5 11.3#
85 68.3 53.0 79.6





#71
1,2,3-Trichloropropane
Concen: 0.458 ug/l m
RT: 10.824 min Scan# 2965
Delta R.T. -0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

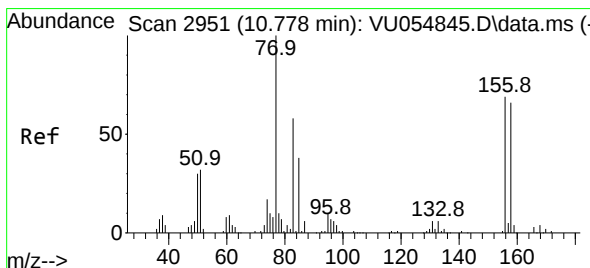
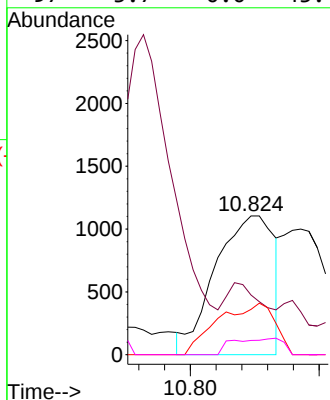
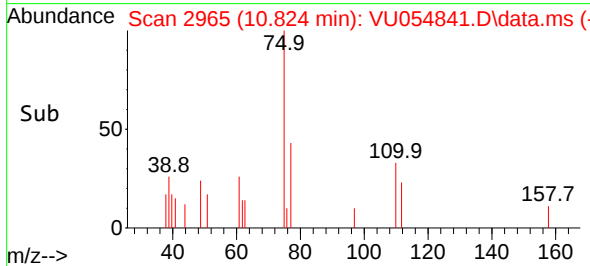
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



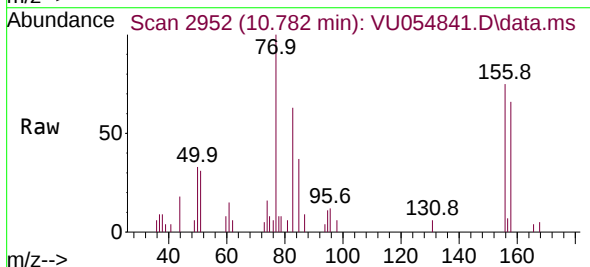
Tgt Ion: 75 Resp: 1750
Ion Ratio Lower Upper
75 100
77 11.6 0.0 0.0
110 36.0 0.0 80.8
97 3.7 0.0 43.4

Manual Integrations
APPROVED

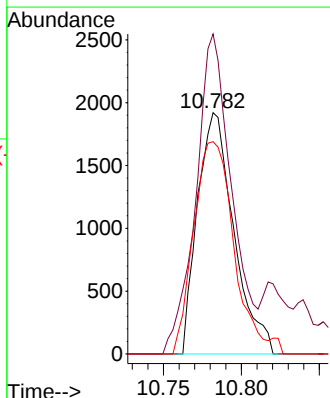
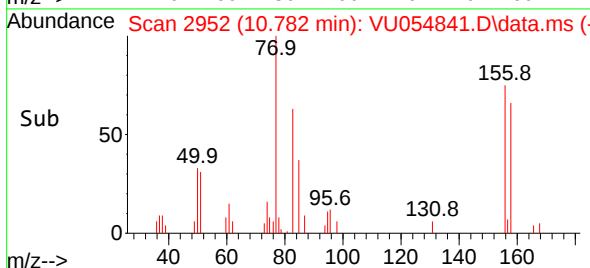
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

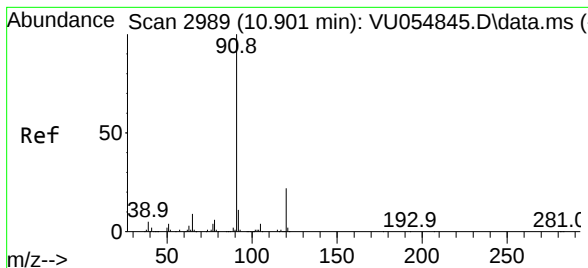


#72
Bromobenzene
Concen: 0.456 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55



Tgt Ion:156 Resp: 3105
Ion Ratio Lower Upper
156 100
77 131.2 0.0 293.2
158 98.0 0.0 189.8





#73

n-propylbenzene

Concen: 0.438 ug/l

RT: 10.904 min Scan# 2989

Delta R.T. 0.003 min

Lab File: VU054841.D

Acq: 21 Jul 2023 16:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion:120 Resp: 347

Ion Ratio Lower Upper

120 100

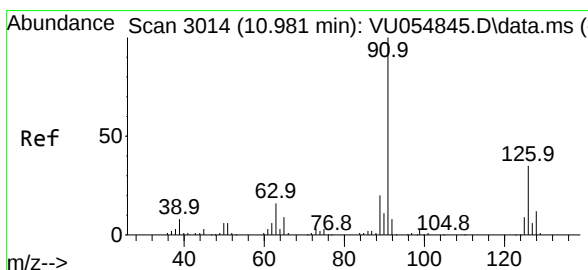
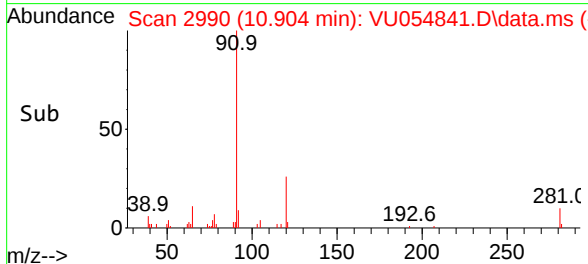
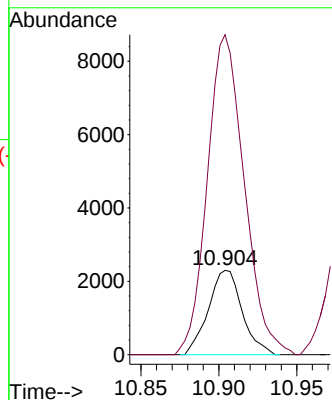
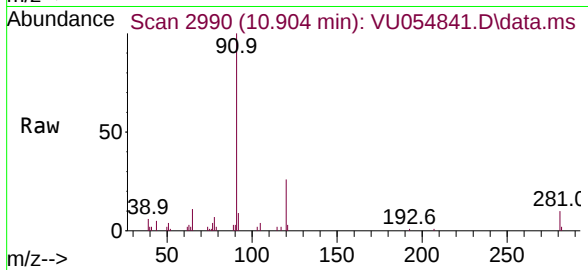
91 414.4 361.8 542.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#74

2-Chlorotoluene

Concen: 0.462 ug/l

RT: 10.984 min Scan# 3015

Delta R.T. 0.003 min

Lab File: VU054841.D

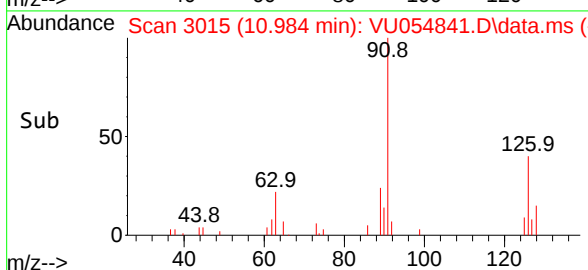
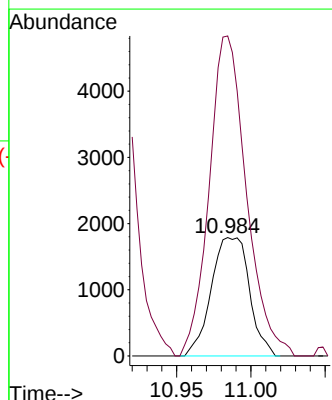
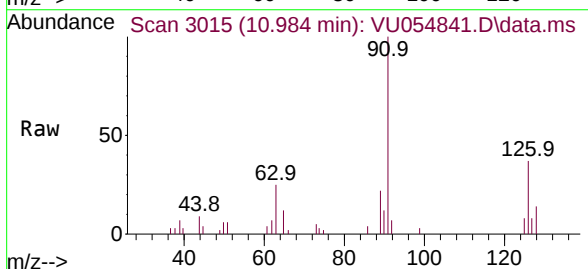
Acq: 21 Jul 2023 16:55

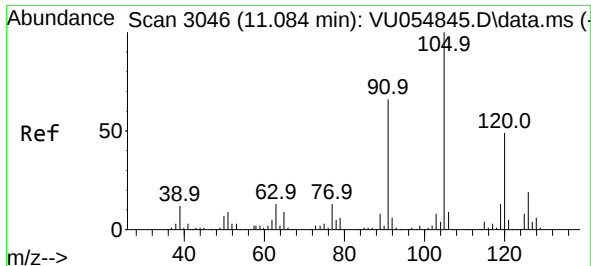
Tgt Ion:126 Resp: 3188

Ion Ratio Lower Upper

126 100

91 264.1 0.0 561.4





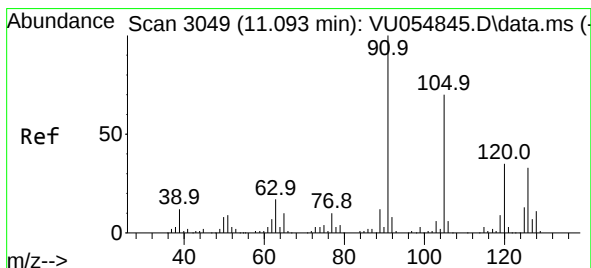
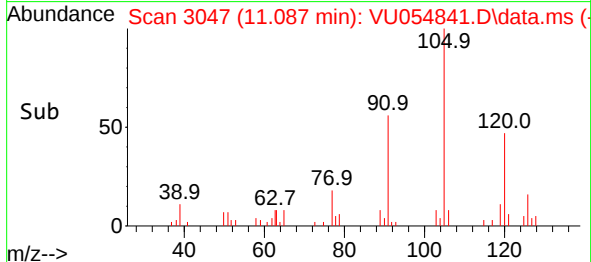
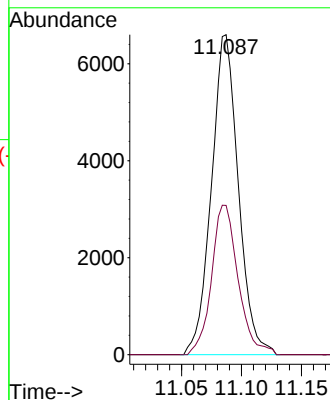
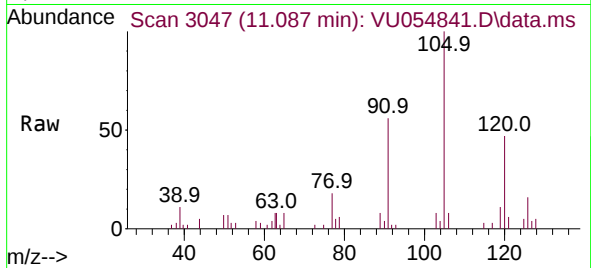
#75
1,3,5-Trimethylbenzene
Concen: 0.428 ug/l
RT: 11.087 min Scan# 3046
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:105 Resp: 1029
Ion Ratio Lower Upper
105 100
120 46.2 39.0 58.4

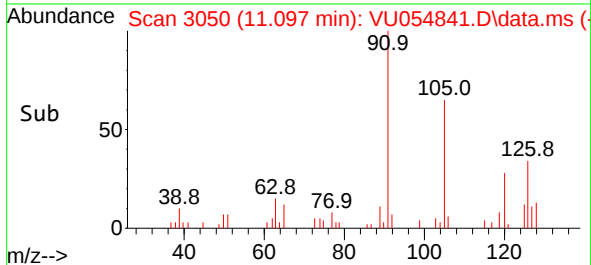
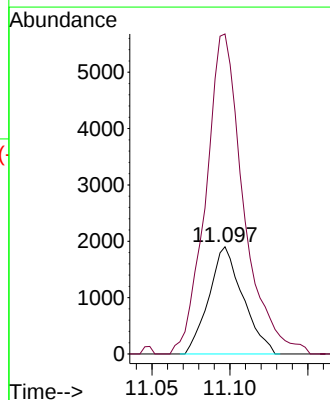
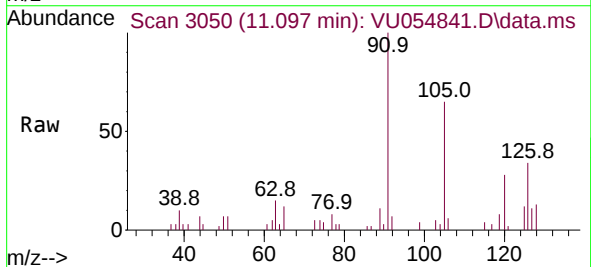
Manual Integrations
APPROVED

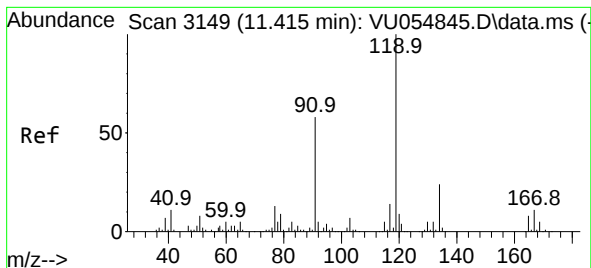
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#76
4-Chlorotoluene
Concen: 0.408 ug/l
RT: 11.097 min Scan# 3050
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion:126 Resp: 2892
Ion Ratio Lower Upper
126 100
91 330.5 0.0 623.4





#77

tert-Butylbenzene

Concen: 0.440 ug/l

RT: 11.415 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VU054841.D

Acq: 21 Jul 2023 16:55

Instrument :

MSVOA_U

ClientSampleId :

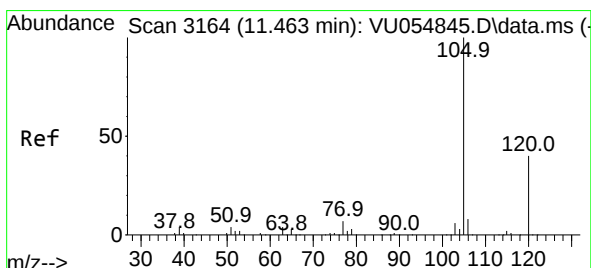
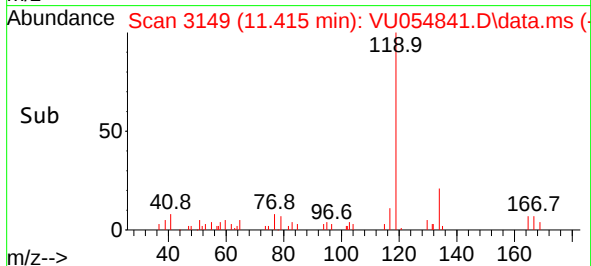
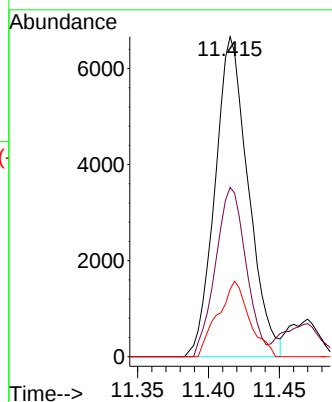
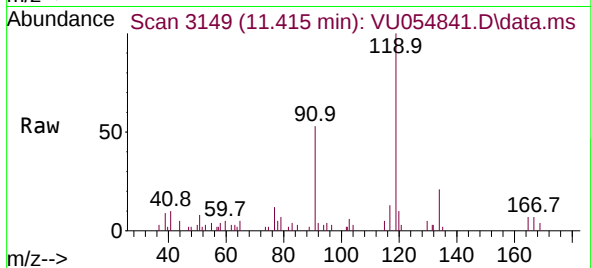
VSTDICC0.5

Tgt Ion:	119	Resp:	1089
Ion Ratio	Lower	Upper	
119	100		
91	48.5	27.7	83.1
134	22.3	18.6	27.8

Manual Integrations

APPROVED

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



#78

1,2,4-Trimethylbenzene

Concen: 0.412 ug/l

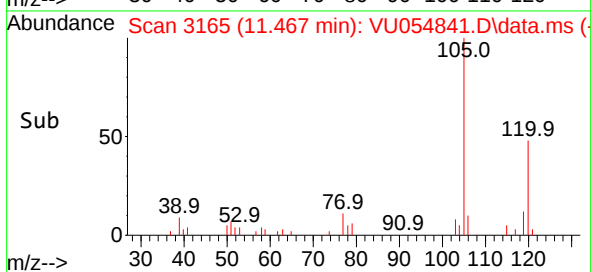
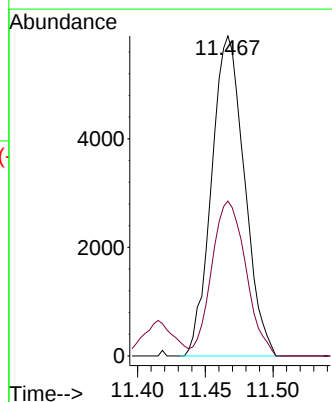
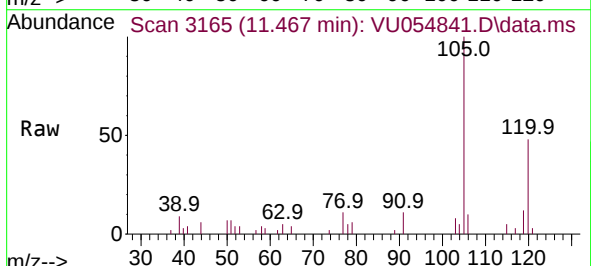
RT: 11.467 min Scan# 3165

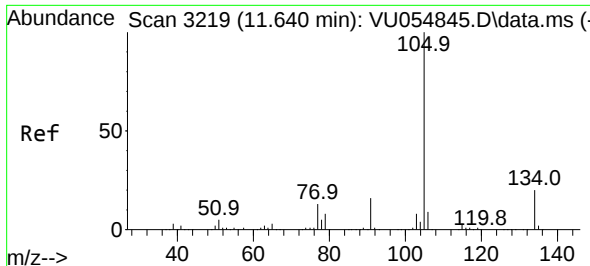
Delta R.T. 0.003 min

Lab File: VU054841.D

Acq: 21 Jul 2023 16:55

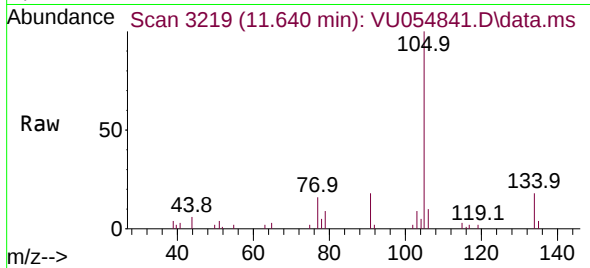
Tgt Ion:	105	Resp:	9953
Ion Ratio	Lower	Upper	
105	100		
120	50.3	22.4	67.3





#79
 sec-Butylbenzene
 Concen: 0.408 ug/l
 RT: 11.640 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU054841.D
 Acq: 21 Jul 2023 16:55

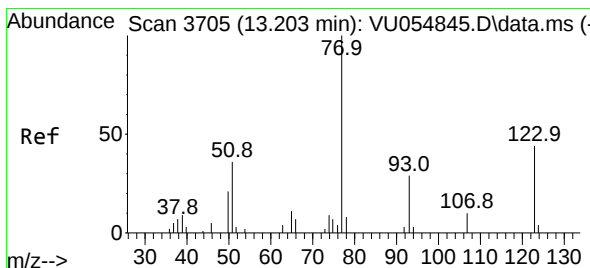
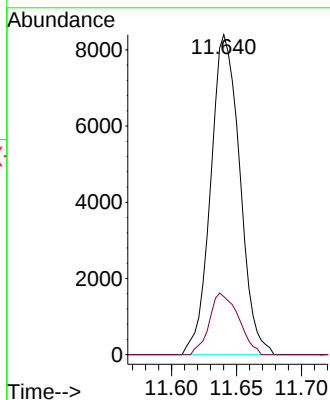
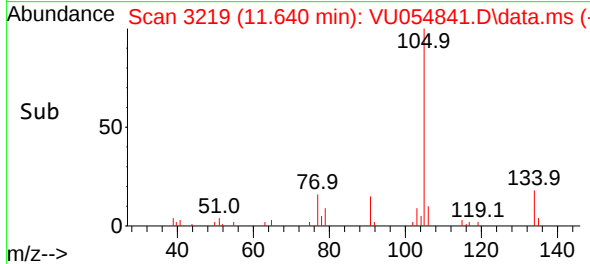
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5



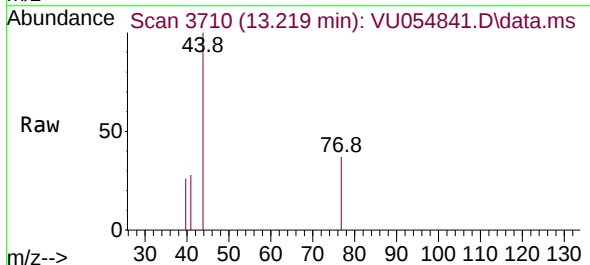
Tgt Ion:105 Resp: 13094
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.7 23.5

Manual Integrations
 APPROVED

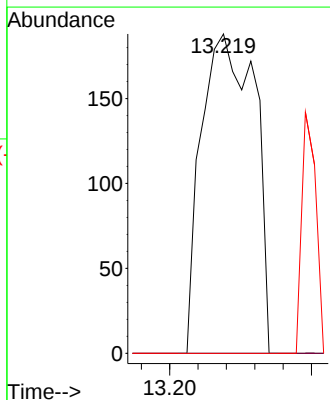
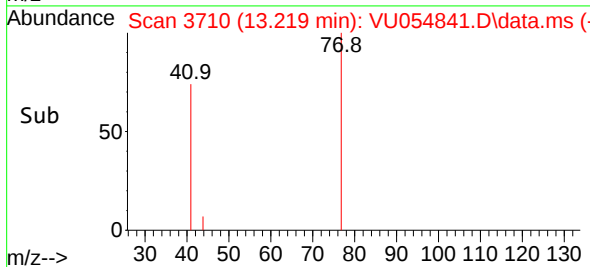
Reviewed By :Semsettin Yesilyurt 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023

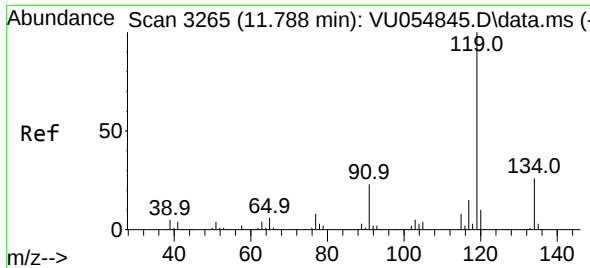


#80
 Nitrobenzene
 Concen: 4.204 ug/l
 RT: 13.219 min Scan# 3710
 Delta R.T. 0.016 min
 Lab File: VU054841.D
 Acq: 21 Jul 2023 16:55



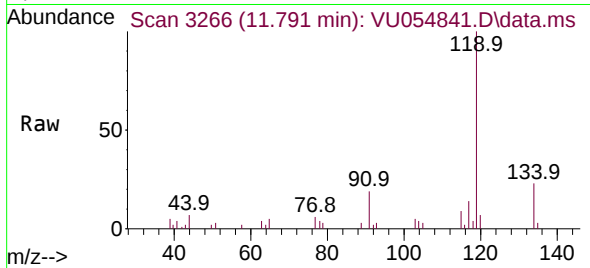
Tgt Ion: 77 Resp: 245
 Ion Ratio Lower Upper
 77 100
 123 0.0 20.2 71.8#
 65 20.0 11.7 14.9#





#81
p-Isopropyltoluene
Concen: 0.407 ug/l
RT: 11.791 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

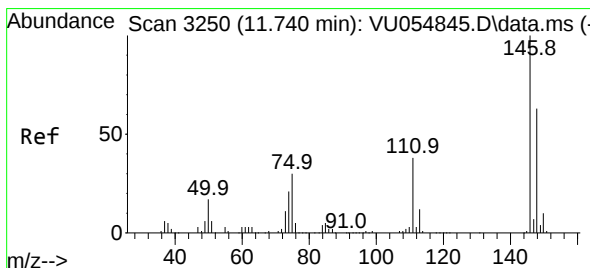
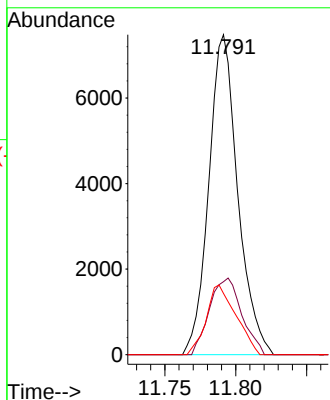
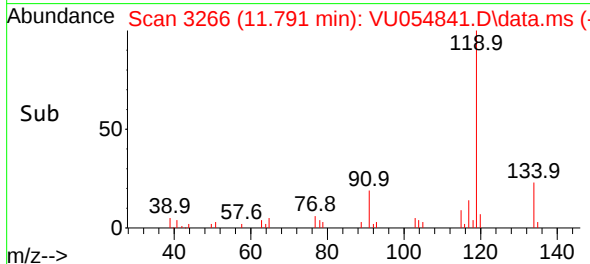
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



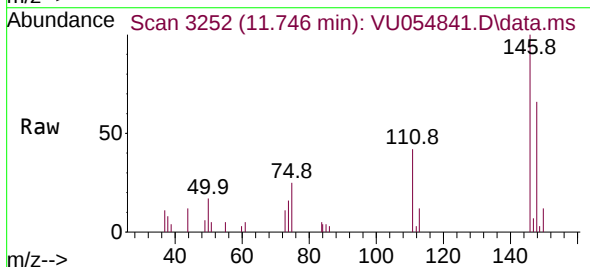
Tgt Ion:119 Resp: 1064
Ion Ratio Lower Upper
119 100
134 26.7 20.6 31.0
91 22.2 18.2 27.4

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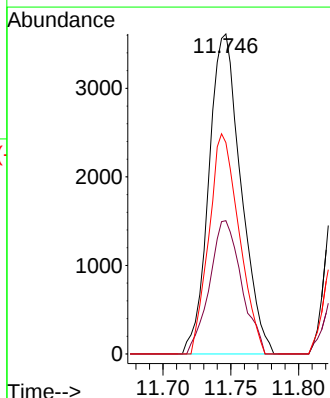
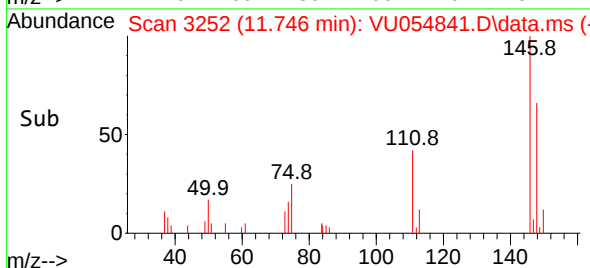
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

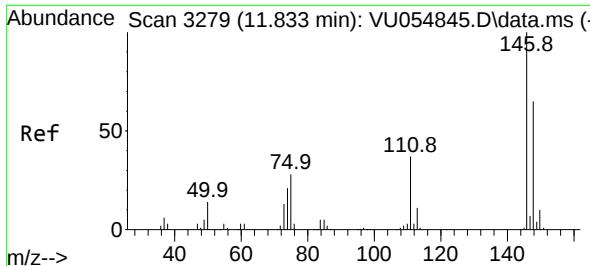


#82
1,3-Dichlorobenzene
Concen: 0.437 ug/l
RT: 11.746 min Scan# 3252
Delta R.T. 0.007 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55



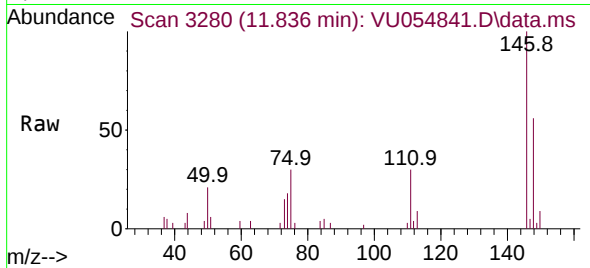
Tgt Ion:146 Resp: 5959
Ion Ratio Lower Upper
146 100
111 41.4 30.5 45.7
148 64.6 51.0 76.6





#83
1,4-Dichlorobenzene
Concen: 0.456 ug/l
RT: 11.836 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

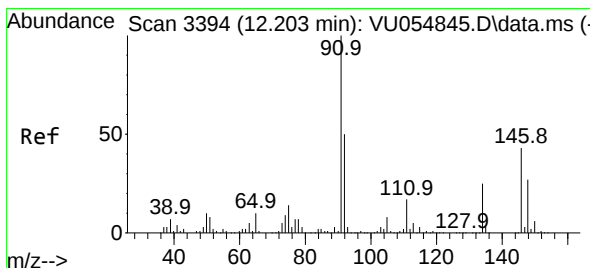
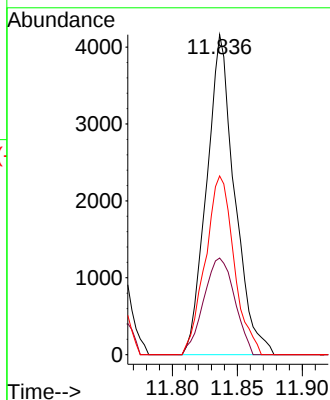
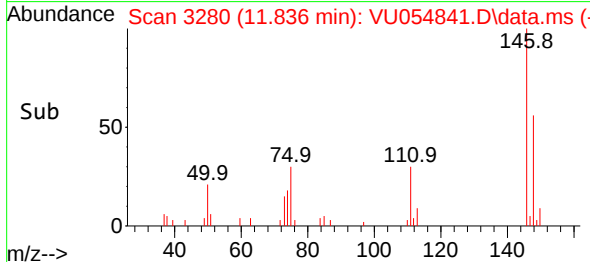
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



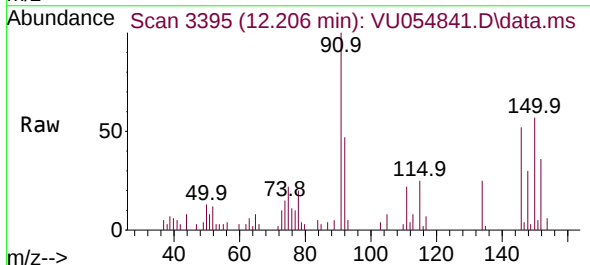
Tgt Ion:146 Resp: 622
Ion Ratio Lower Upper
146 100
111 33.4 29.5 44.3
148 57.6 51.2 76.8

Manual Integrations
APPROVED

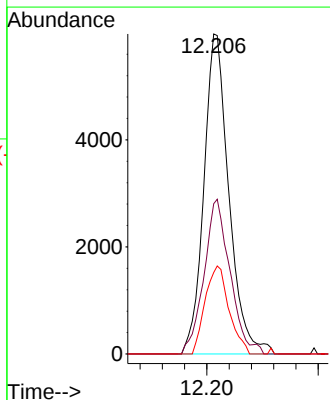
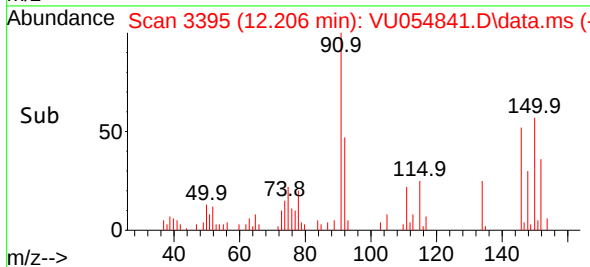
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

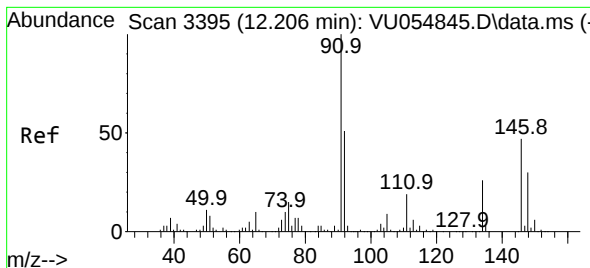


#84
n-Butylbenzene
Concen: 0.388 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55



Tgt Ion: 91 Resp: 9331
Ion Ratio Lower Upper
91 100
92 50.4 39.8 59.8
134 26.2 20.2 30.4





#85

1,2-Dichlorobenzene

Concen: 0.441 ug/l

RT: 12.213 min Scan# 31

Delta R.T. 0.007 min

Lab File: VU054841.D

Acq: 21 Jul 2023 16:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

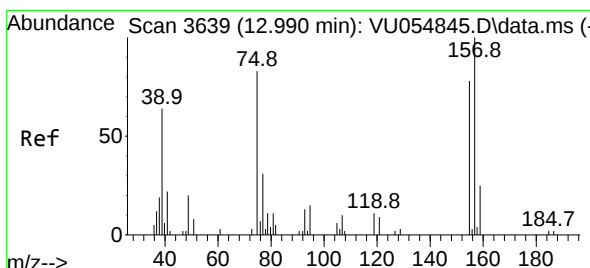
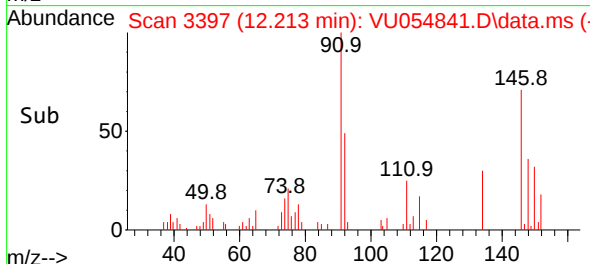
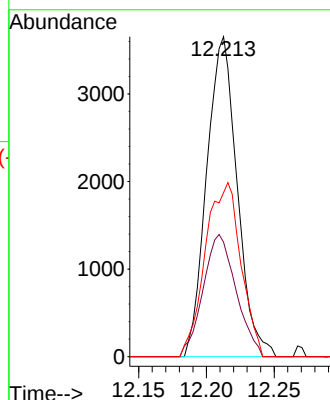
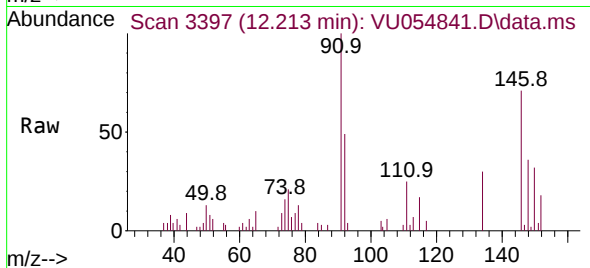
Tgt Ion:	146	Resp:	5720
Ion Ratio	Lower	Upper	
146	100		
111	41.3	19.8	59.4
148	63.3	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.416 ug/l

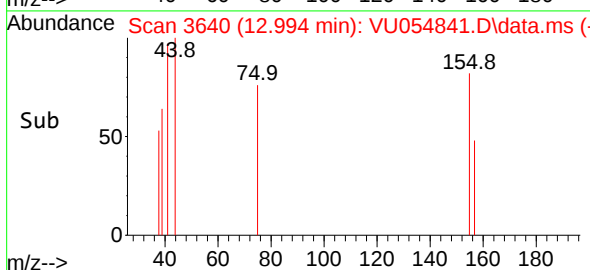
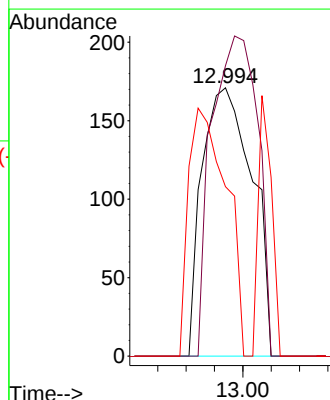
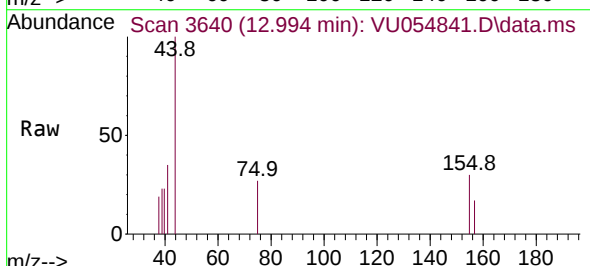
RT: 12.994 min Scan# 3640

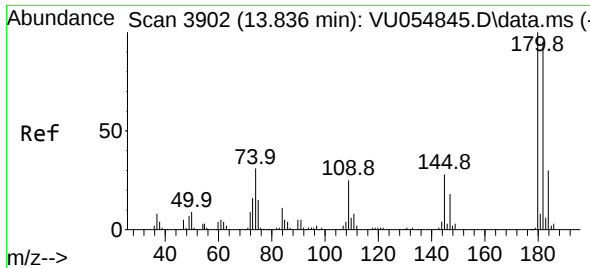
Delta R.T. 0.004 min

Lab File: VU054841.D

Acq: 21 Jul 2023 16:55

Tgt Ion:	75	Resp:	210
Ion Ratio	Lower	Upper	
75	100		
155	110.0	74.8	112.2
157	25.7	97.4	146.0





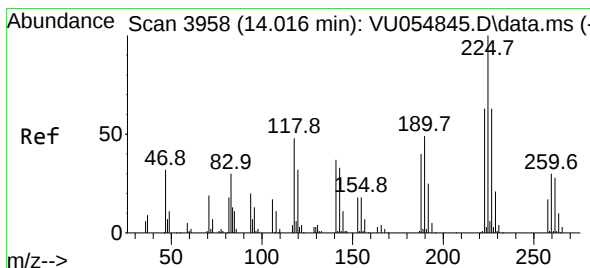
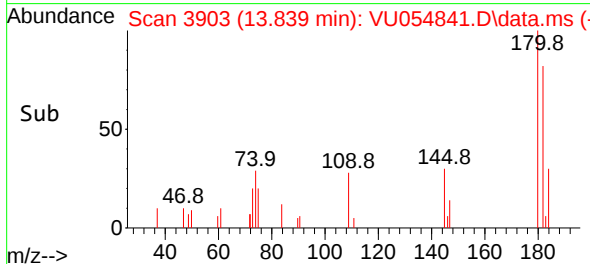
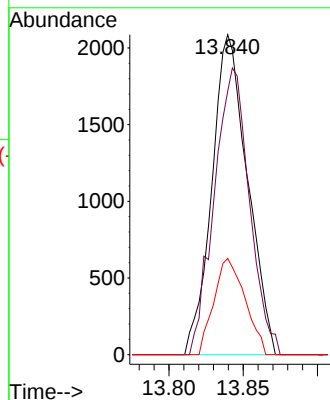
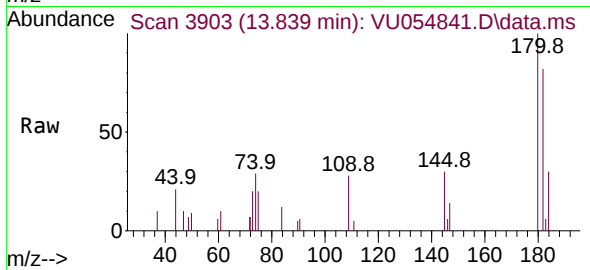
#87
1,2,4-Trichlorobenzene
Concen: 0.418 ug/l
RT: 13.839 min Scan# 3903
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:180 Resp: 3479
Ion Ratio Lower Upper
180 100
182 88.5 77.0 115.6
145 26.2 23.4 35.0

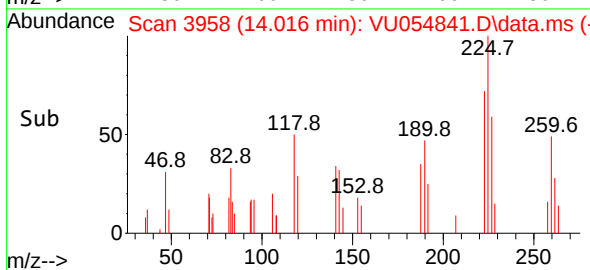
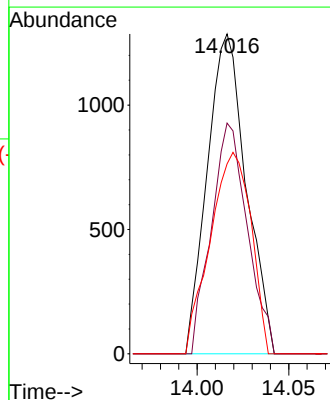
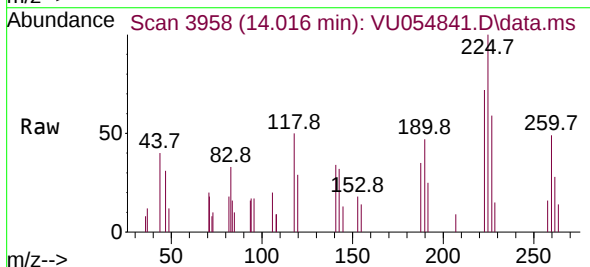
Manual Integrations
APPROVED

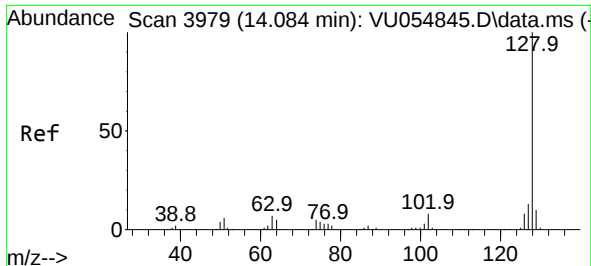
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#88
Hexachlorobutadiene
Concen: 0.428 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.000 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

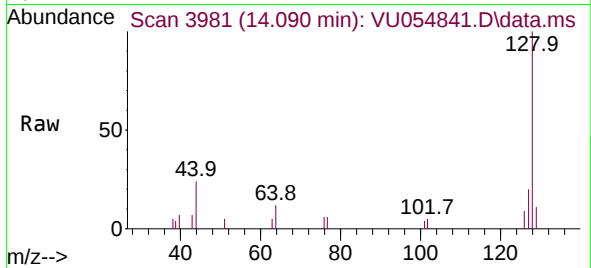
Tgt Ion:225 Resp: 1900
Ion Ratio Lower Upper
225 100
223 66.8 50.6 76.0
227 66.1 50.7 76.1





#89
Naphthalene
Concen: 0.391 ug/l
RT: 14.090 min Scan# 3981
Delta R.T. 0.006 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

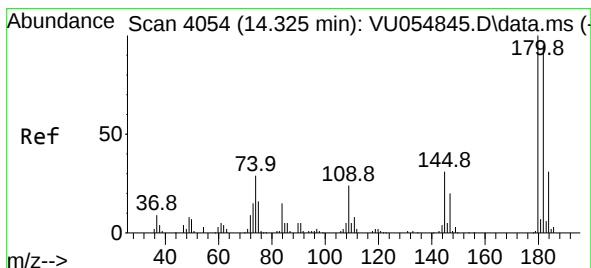
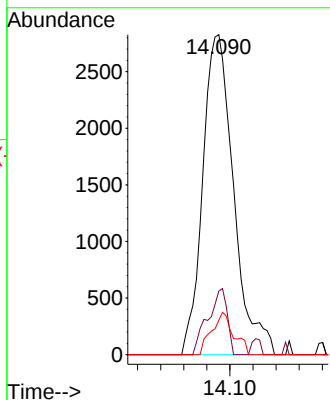
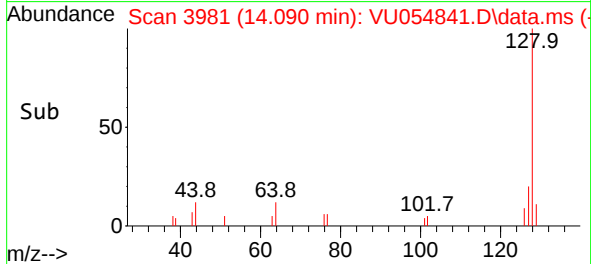
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



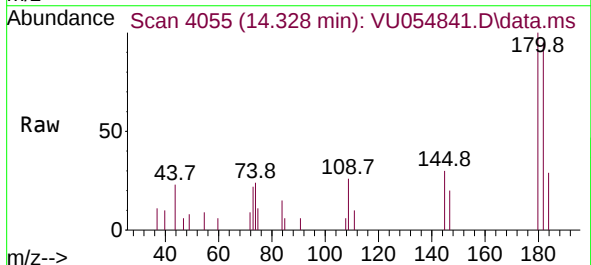
Tgt Ion:128 Resp: 525
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 9.3 8.7 13.1

Manual Integrations
APPROVED

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



#90
1,2,3-Trichlorobenzene
Concen: 0.434 ug/l
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55



Tgt Ion:180 Resp: 3121
Ion Ratio Lower Upper
180 100
182 87.9 76.0 114.0
145 30.1 24.3 36.5

