

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072223\
 Data File : VU054843.D
 Acq On : 21 Jul 2023 17:44
 Operator : MD/SY
 Sample : VSTDICC002
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC002

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 09:34:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072123DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Jul 24 08:47:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	26742	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	7889	0.977	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	8759	0.937	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	10738	2.018	ug/l	98
3) Chloromethane	1.518	50	11651	1.885	ug/l	94
4) Vinyl Chloride	1.602	62	15659	1.974	ug/l	92
5) Bromomethane	1.856	94	11134	1.978	ug/l	95
6) Chloroethane	1.933	64	13900	1.854	ug/l	94
7) Trichlorofluoromethane	2.136	101	36876	1.918	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	10160	1.844	ug/l	98
9) 1,1-Dichloroethene	2.576	96	9193	1.998	ug/l	92
10) Iodomethane	2.718	142	13742	1.854	ug/l	98
11) Allyl Chloride	2.920	41	10829	2.007	ug/l	95
12) Acrylonitrile	3.345	53	4921m	4.465	ug/l	
13) Acetone	2.660	43	9875m	10.171	ug/l	
14) Carbon Disulfide	2.788	76	15262	1.968	ug/l	99
15) Methylene Chloride	3.042	84	18561	2.310	ug/l	96
16) trans-1,2-Dichloroethene	3.351	96	9283	1.816	ug/l	97
17) 1,1-Dichloroethane	3.869	63	20719	1.915	ug/l	99
18) 2-Butanone	4.727	43	13951m	10.138	ug/l	
19) Cyclohexane	5.380	56	12511	1.769	ug/l	94
20) Methylcyclohexane	6.759	83	15736	1.892	ug/l	98
21) 2,2-Dichloropropane	4.656	77	18564	1.967	ug/l	98
22) cis-1,2-Dichloroethene	4.666	96	12841	1.984	ug/l	98
23) Diethyl Ether	2.374	59	13496	1.909	ug/l	92
24) tert-Butyl Alcohol	3.187	59	13480m	20.467	ug/l	
25) Methyl tert-Butyl Ether	3.367	73	27472	1.957	ug/l	97
26) Bromochloromethane	4.968	128	4793	1.942	ug/l	94
27) Chloroform	5.084	83	22718	1.911	ug/l	98
28) 1,1,1-Trichloroethane	5.312	97	19641	1.966	ug/l	99
29) 1,1-Dichloropropene	5.525	75	13056	1.837	ug/l	98
30) Carbon Tetrachloride	5.521	117	15742	1.896	ug/l	96
31) Isopropyl Ether	3.991	45	30778	1.923	ug/l	93
32) Ethyl-t-butyl ether	4.496	59	32489	1.975	ug/l	99
33) Tert-Amyl methyl ether	5.939	73	28999	1.873	ug/l	97
34) Propionitrile	4.814	54	4398m	9.741	ug/l	
35) Benzene	5.772	78	44765	1.939	ug/l	100
36) 1,2-Dichloroethane	5.791	62	12638	1.905	ug/l	96
37) Trichloroethene	6.541	130	11852	1.899	ug/l	97
38) 1,2-Dichloropropane	6.791	63	13261	1.989	ug/l	98
39) Methacrylonitrile	4.978	41	3095m	1.882	ug/l	
40) Methyl acrylate	4.859	55	4110	1.468	ug/l	# 92
41) Tetrahydrofuran	5.068	42	3295	3.440	ug/l	# 68
42) 1-Chlorobutane	5.451	56	18239	1.898	ug/l	94
43) Dibromomethane	6.917	93	5823	1.878	ug/l	92
44) Bromodichloromethane	7.103	83	16001	1.884	ug/l	97

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 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
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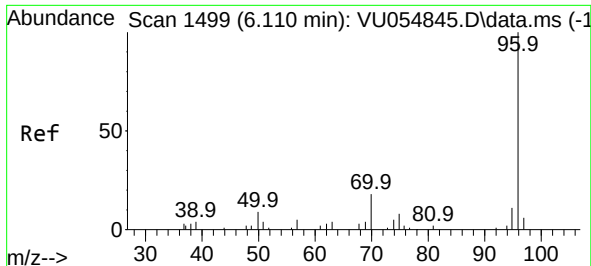
Manual Integrations
 APPROVED

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

Quant Time: Jul 24 09:34:13 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

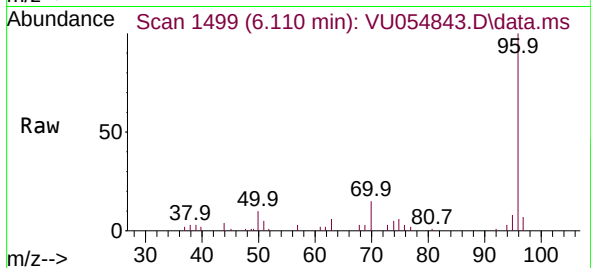
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	32983	8.988	ug/l	96
46) t-1,4-Dichloro-2-butene	10.830	75	5661m	3.669	ug/l	
47) Methyl methacrylate	6.962	69	10431	3.581	ug/l	92
48) Ethyl methacrylate	8.335	69	10537	1.781	ug/l	98
49) Toluene	7.968	92	27731	1.882	ug/l	99
50) t-1,3-Dichloropropene	8.209	75	14525	1.929	ug/l	99
51) cis-1,3-Dichloropropene	7.602	75	16818	1.837	ug/l	93
52) 1,1,2-Trichloroethane	8.399	97	9468	2.024	ug/l	92
53) 1,3-Dichloropropane	8.573	76	15875	2.013	ug/l	99
54) 2-Hexanone	8.685	43	23129	9.040	ug/l	97
55) Dibromochloromethane	8.807	129	10342	1.850	ug/l	98
56) 1,2-Dibromoethane	8.923	107	7972	1.948	ug/l	100
58) Tetrachloroethene	8.550	164	10198	1.875	ug/l	96
59) Chlorobenzene	9.444	112	32677	1.861	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.531	131	11180	1.803	ug/l	93
61) Pentachloroethane	11.421	117	9023	1.849	ug/l	96
62) Hexachloroethane	12.470	117	8944	1.784	ug/l	93
63) Ethyl Benzene	9.566	91	56640	1.892	ug/l	98
64) m/p-Xylenes	9.688	106	42962	3.795	ug/l	97
65) o-Xylene	10.097	106	20815	1.826	ug/l	98
66) Styrene	10.113	104	33039	1.804	ug/l	96
67) Bromoform	10.290	173	5402	1.793	ug/l #	97
69) Isopropylbenzene	10.479	105	57510	1.859	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.778	83	10912	1.871	ug/l	99
71) 1,2,3-Trichloropropane	10.823	75	7732m	1.929	ug/l	
72) Bromobenzene	10.778	156	13559	1.900	ug/l	96
73) n-propylbenzene	10.904	120	15626	1.880	ug/l	94
74) 2-Chlorotoluene	10.981	126	13665	1.888	ug/l	100
75) 1,3,5-Trimethylbenzene	11.084	105	46823	1.858	ug/l	100
76) 4-Chlorotoluene	11.093	126	13458	1.809	ug/l	98
77) tert-Butylbenzene	11.415	119	47476	1.829	ug/l	98
78) 1,2,4-Trimethylbenzene	11.466	105	47786	1.886	ug/l	98
79) sec-Butylbenzene	11.640	105	62965	1.870	ug/l	97
80) Nitrobenzene	13.212	77	1411	9.302	ug/l #	71
81) p-Isopropyltoluene	11.791	119	49873	1.818	ug/l	99
82) 1,3-Dichlorobenzene	11.743	146	26713	1.870	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	26587	1.855	ug/l	99
84) n-Butylbenzene	12.206	91	43948	1.741	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	25273	1.857	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.994	75	1419	1.971	ug/l	87
87) 1,2,4-Trichlorobenzene	13.836	180	15782	1.809	ug/l	96
88) Hexachlorobutadiene	14.016	225	8515	1.827	ug/l	99
89) Naphthalene	14.084	128	23164	1.642	ug/l	99
90) 1,2,3-Trichlorobenzene	14.328	180	12841	1.703	ug/l	96

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

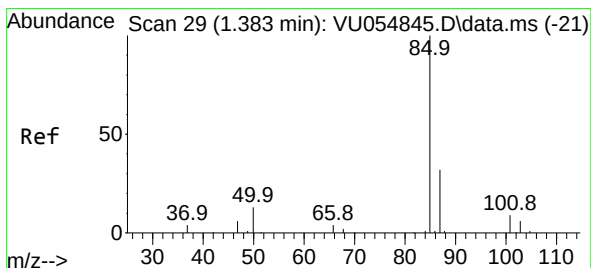
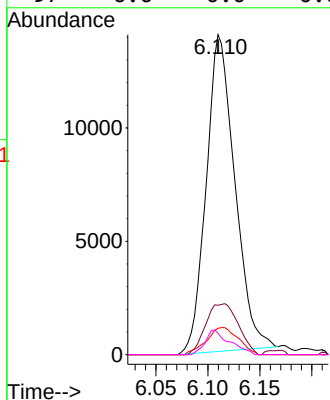
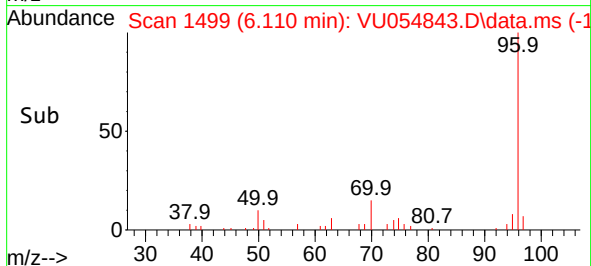
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 96 Resp: 2674
Ion Ratio Lower Upper
96 100
70 18.3 14.0 21.0
95 9.6 8.7 13.1
97 6.6 0.0 0.0#

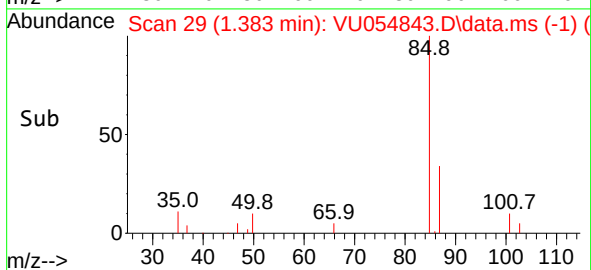
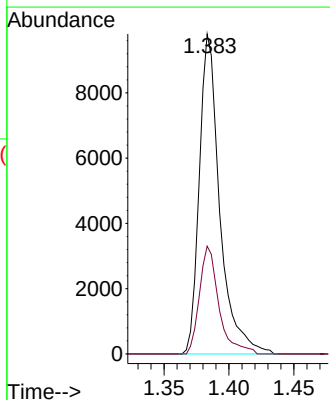
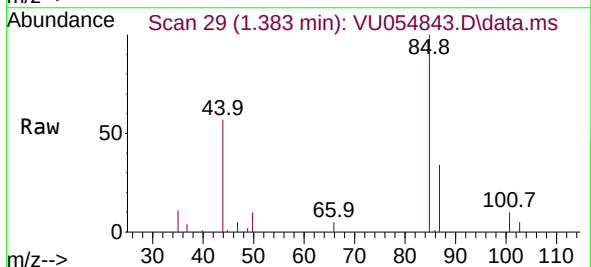
Manual Integrations
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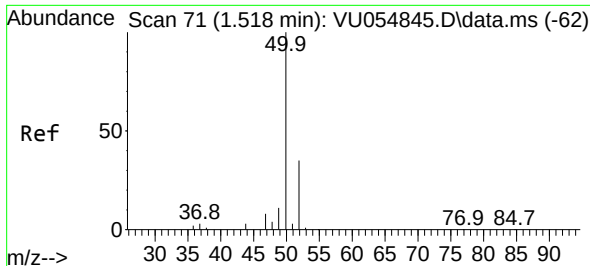
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#2
Dichlorodifluoromethane
Concen: 2.018 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

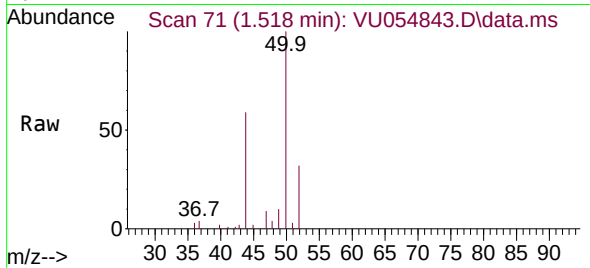
Tgt Ion: 85 Resp: 10738
Ion Ratio Lower Upper
85 100
87 33.7 16.2 48.6





#3
Chloromethane
Concen: 1.885 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

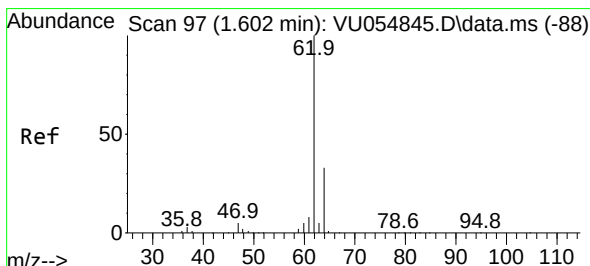
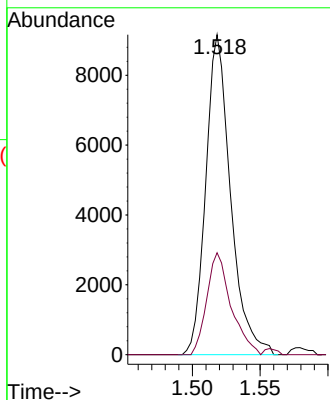
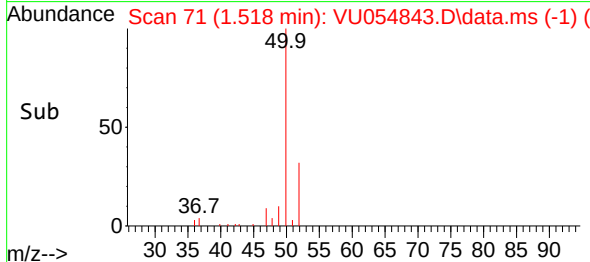
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 50 Resp: 1165
Ion Ratio Lower Upper
50 100
52 31.9 28.2 42.2

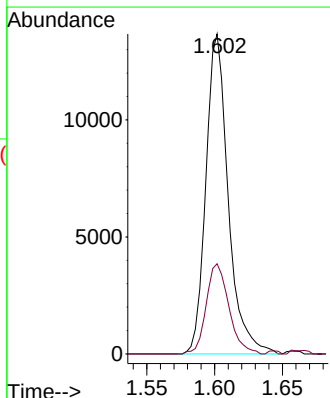
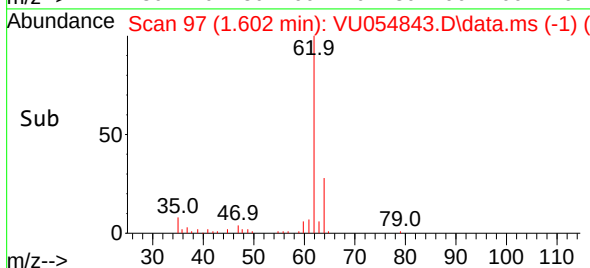
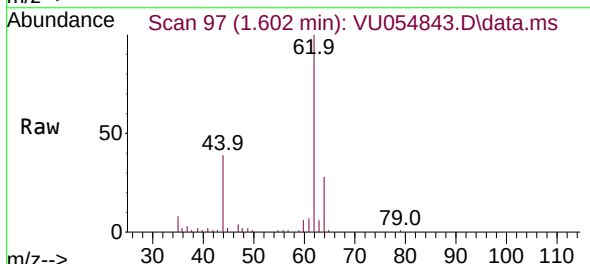
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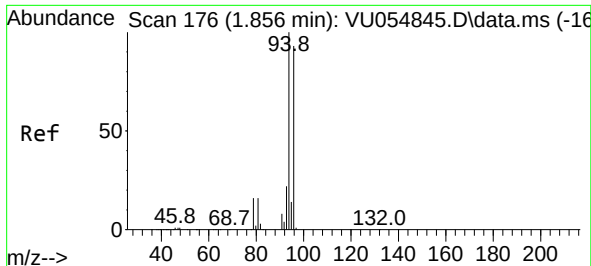
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#4
Vinyl Chloride
Concen: 1.974 ug/l
RT: 1.602 min Scan# 97
Delta R.T. -0.000 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

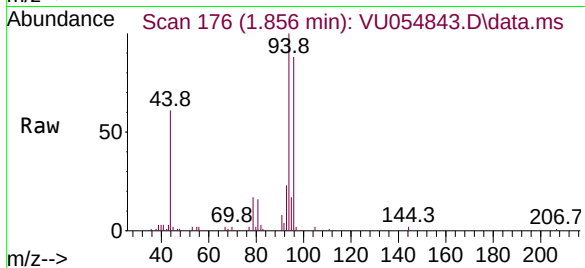
Tgt Ion: 62 Resp: 15659
Ion Ratio Lower Upper
62 100
64 28.2 26.4 39.6





#5
Bromomethane
Concen: 1.978 ug/l
RT: 1.856 min Scan# 11134
Delta R.T. -0.000 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

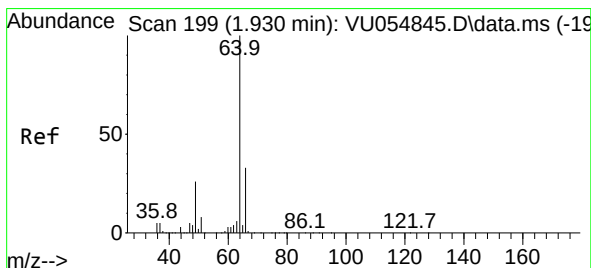
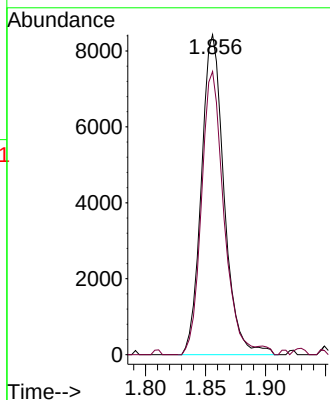
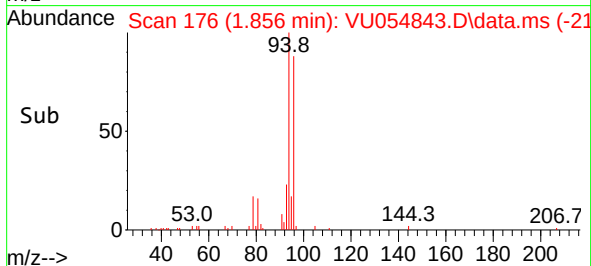
Instrument :
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ClientSampleId :
VSTDICC002



Tgt Ion: 94 Resp: 11134
Ion Ratio Lower Upper
94 100
96 88.5 74.6 111.8

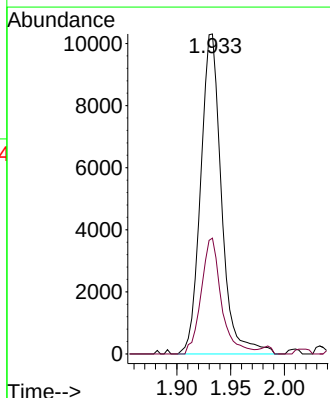
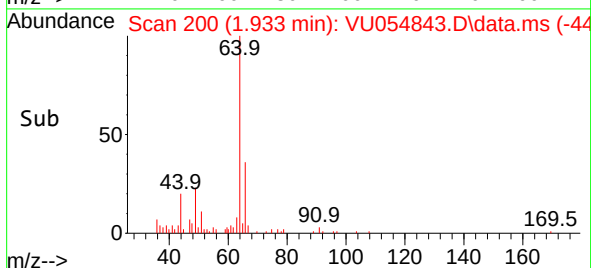
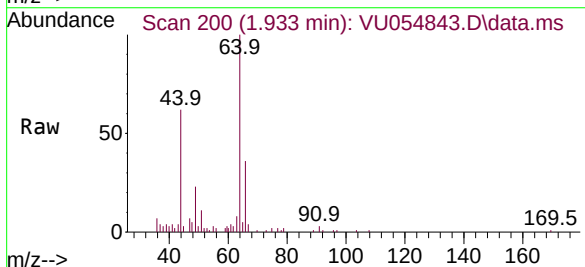
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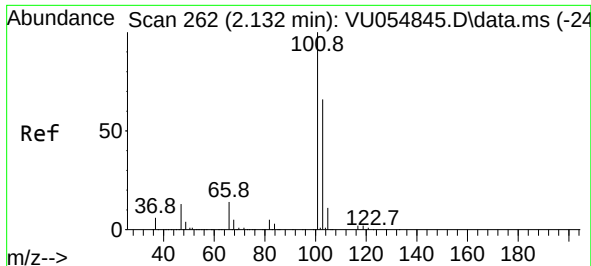
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#6
Chloroethane
Concen: 1.854 ug/l
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

Tgt Ion: 64 Resp: 13900
Ion Ratio Lower Upper
64 100
66 36.2 26.2 39.4





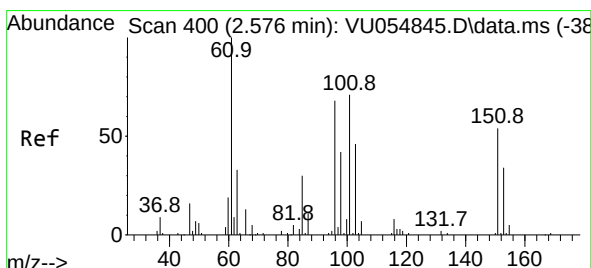
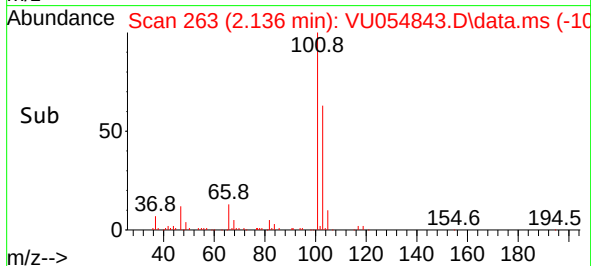
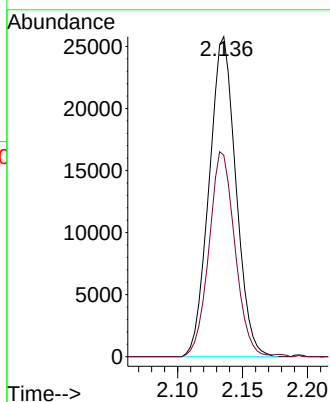
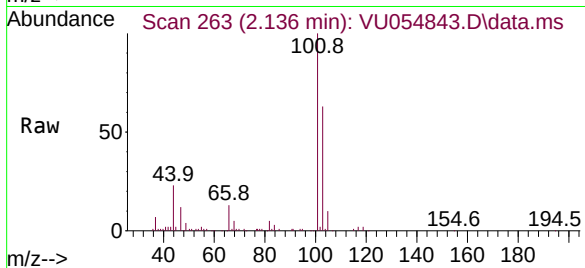
#7
Trichlorofluoromethane
Concen: 1.918 ug/l
RT: 2.136 min Scan# 262
Delta R.T. 0.003 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

Instrument :
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ClientSampleId :
VSTDICC002

Tgt Ion:101 Resp: 36870
Ion Ratio Lower Upper
101 100
103 62.9 52.9 79.3

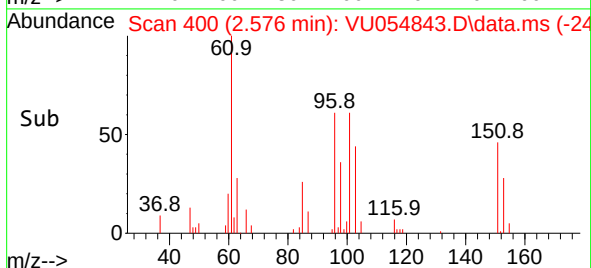
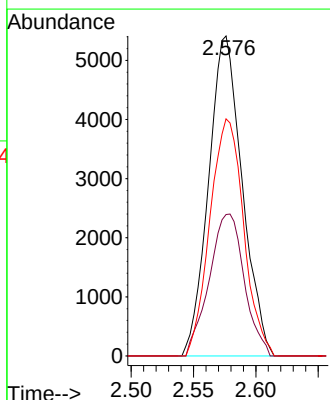
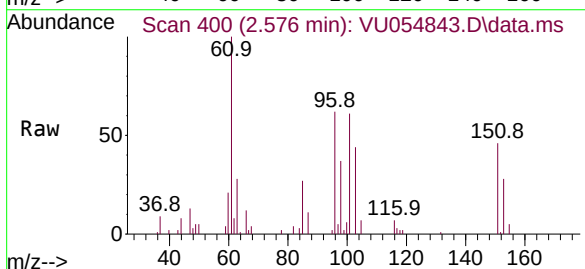
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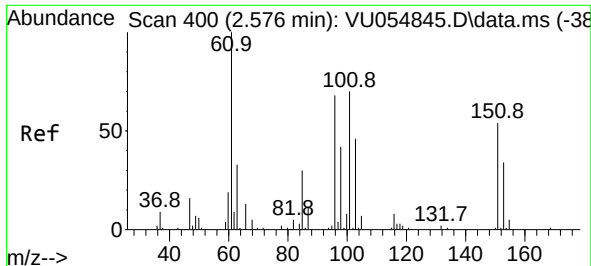
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.844 ug/l
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

Tgt Ion:101 Resp: 10160
Ion Ratio Lower Upper
101 100
85 46.2 34.8 52.2
151 74.5 60.5 90.7





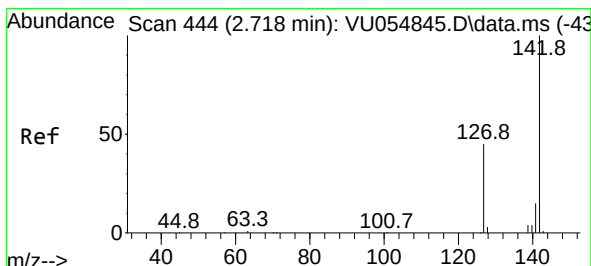
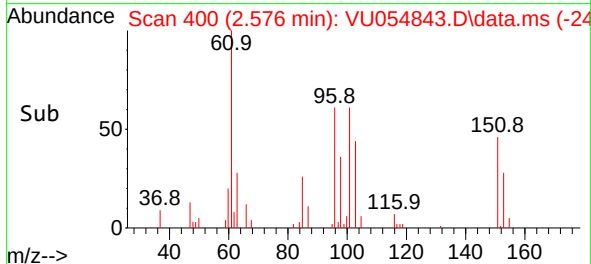
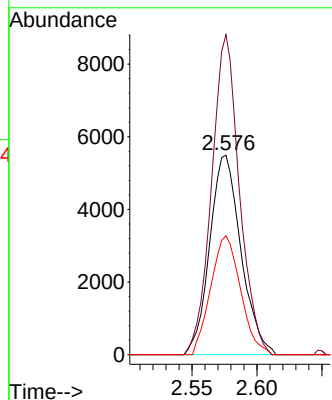
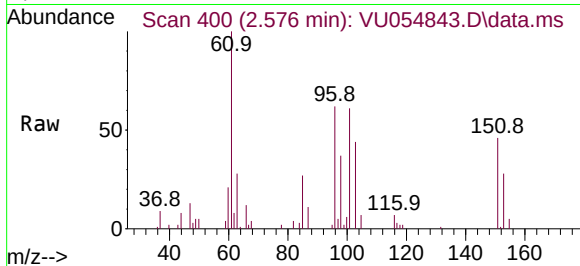
#9
1,1-Dichloroethene
Concen: 1.998 ug/l
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

Instrument :
MSVOA_U
Client Sample Id :
VSTDIC002

Tgt Ion: 96 Resp: 919
Ion Ratio Lower Upper
96 100
61 160.3 0.0 440.1
98 59.6 0.0 121.8

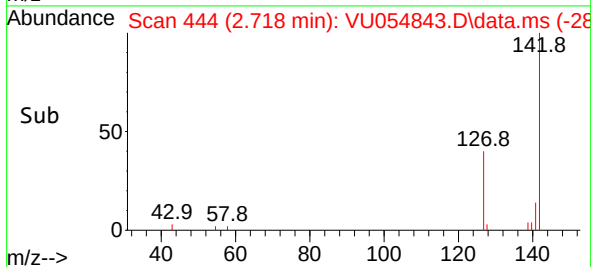
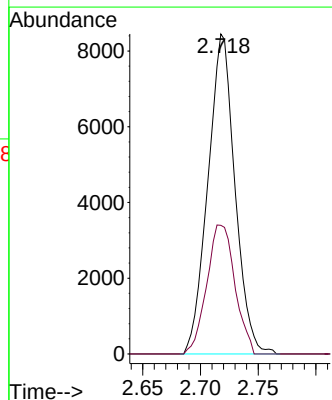
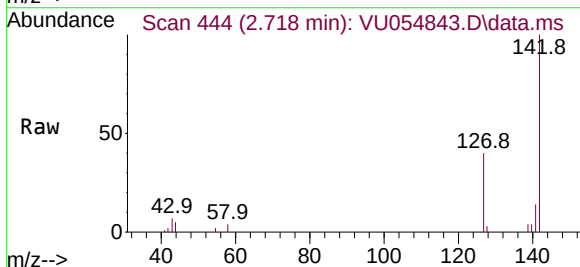
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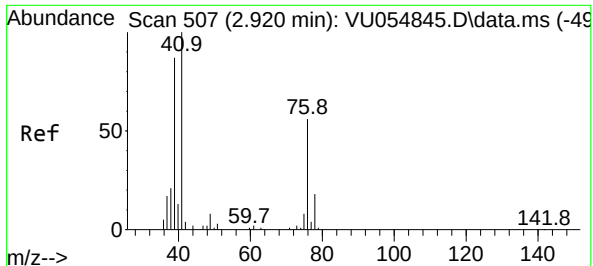
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#10
Iodomethane
Concen: 1.854 ug/l
RT: 2.718 min Scan# 444
Delta R.T. -0.000 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

Tgt Ion:142 Resp: 13742
Ion Ratio Lower Upper
142 100
127 41.9 34.3 51.5





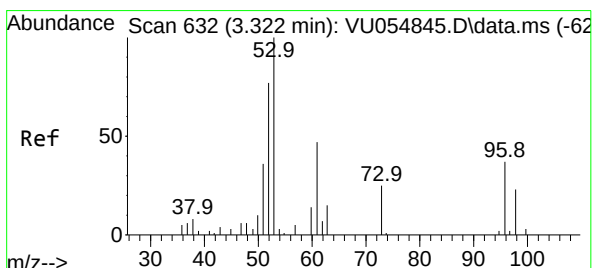
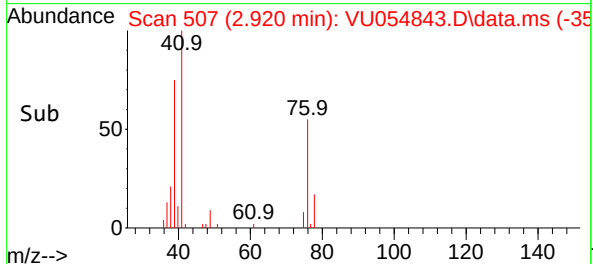
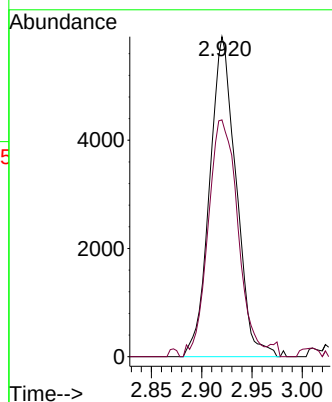
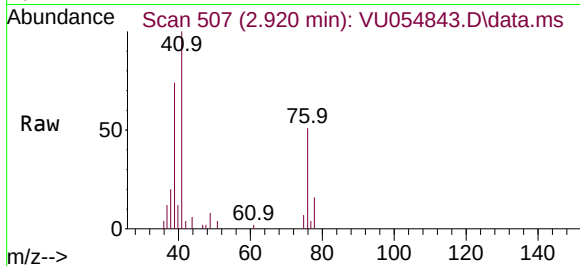
#11
 Allyl Chloride
 Concen: 2.007 ug/l
 RT: 2.920 min Scan# 507
 Delta R.T. -0.000 min
 Lab File: VU054843.D
 Acq: 21 Jul 2023 17:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tgt Ion: 41 Resp: 10829
 Ion Ratio Lower Upper
 41 100
 39 82.7 70.2 105.2

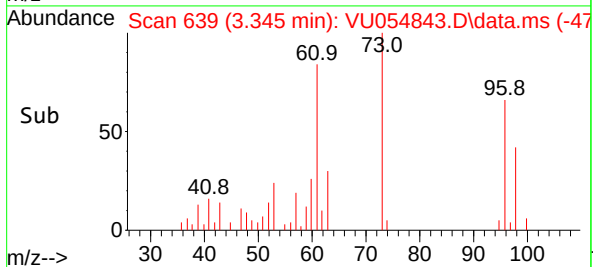
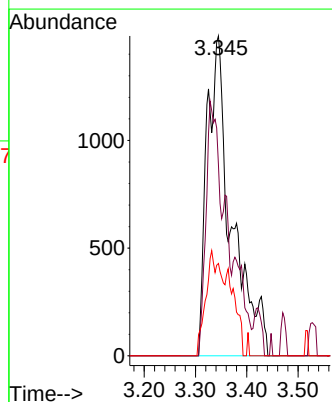
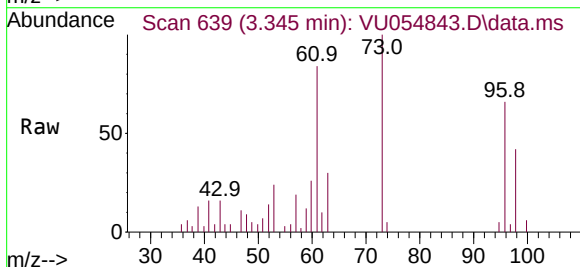
Manual Integrations
 APPROVED

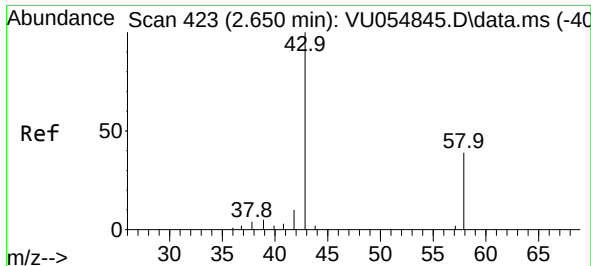
Reviewed By :Semsettin Yesilyurt 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#12
 Acrylonitrile
 Concen: 4.465 ug/l m
 RT: 3.345 min Scan# 639
 Delta R.T. 0.022 min
 Lab File: VU054843.D
 Acq: 21 Jul 2023 17:44

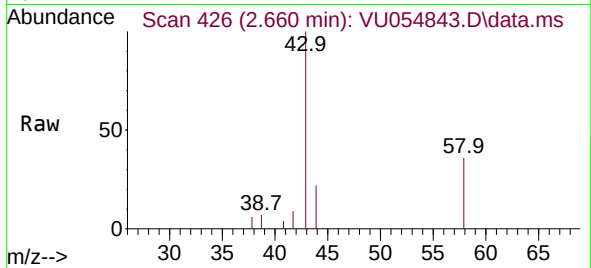
Tgt Ion: 53 Resp: 4921
 Ion Ratio Lower Upper
 53 100
 52 42.6 64.2 96.4#
 51 12.6 33.6 50.4#





#13
Acetone
Concen: 10.171 ug/l m
RT: 2.660 min Scan# 41
Delta R.T. 0.010 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

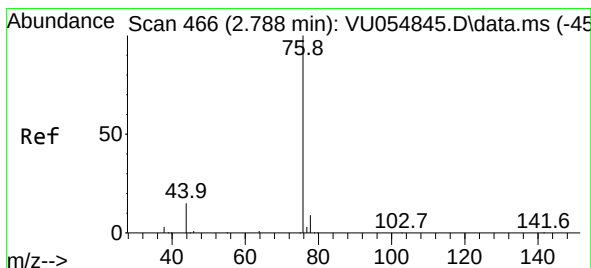
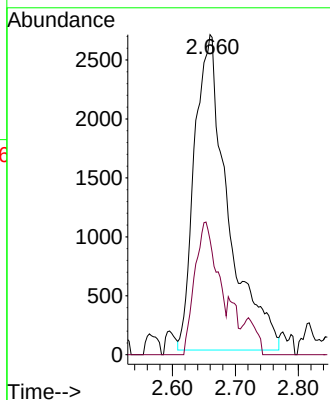
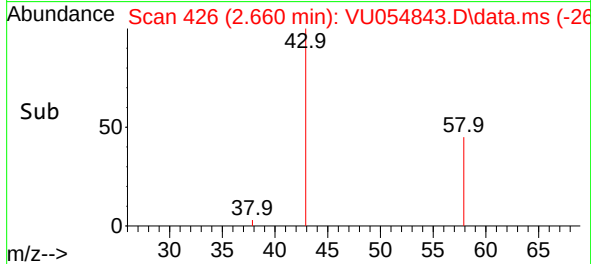
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 43 Resp: 987
Ion Ratio Lower Upper
43 100
58 35.9 30.7 46.1

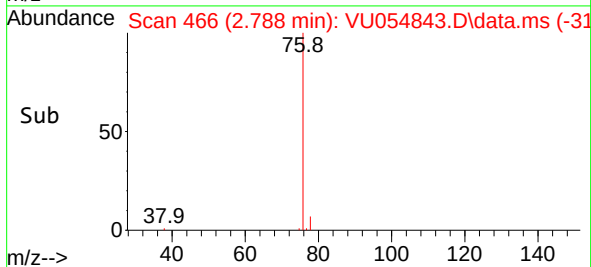
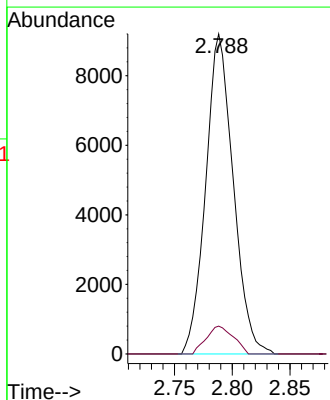
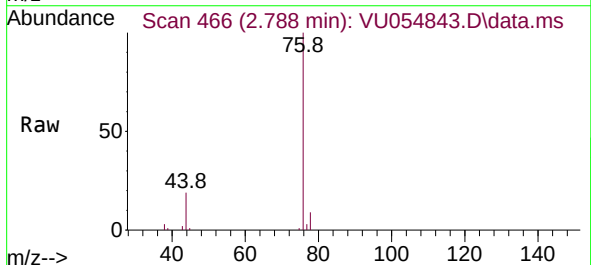
Manual Integrations
APPROVED

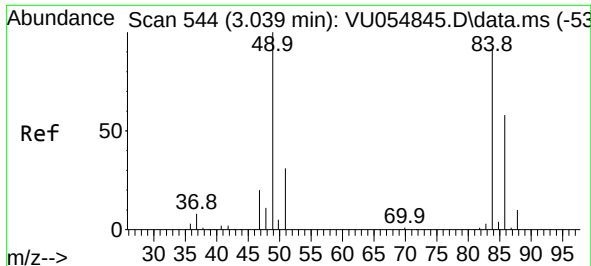
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#14
Carbon Disulfide
Concen: 1.968 ug/l
RT: 2.788 min Scan# 466
Delta R.T. -0.000 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

Tgt Ion: 76 Resp: 15262
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7





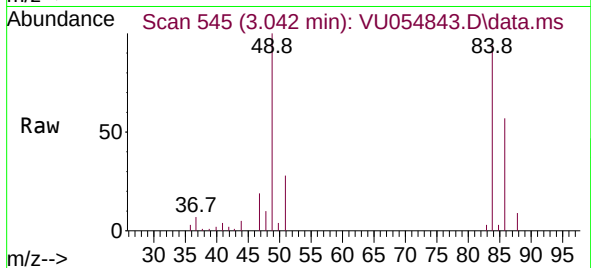
#15
Methylene Chloride
Concen: 2.310 ug/l
RT: 3.042 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

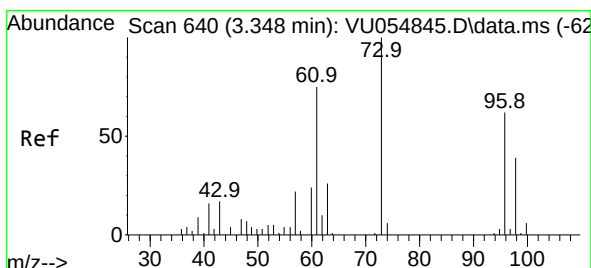
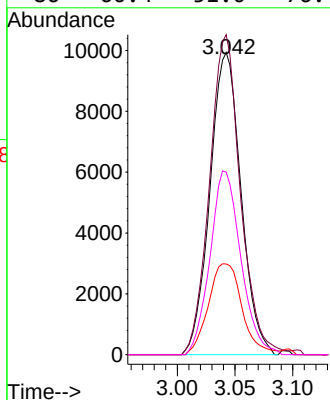
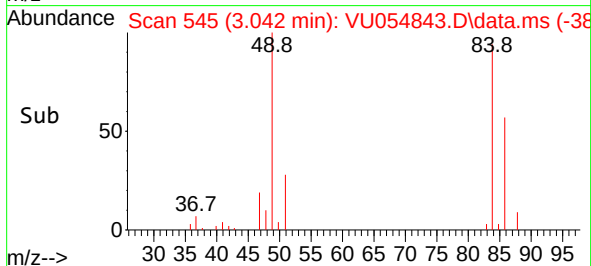


Tgt Ion: 84 Resp: 1856
Ion Ratio Lower Upper
84 100
49 105.9 87.8 131.6
51 30.0 0.0 68.2
86 60.4 51.0 76.4

Manual Integrations

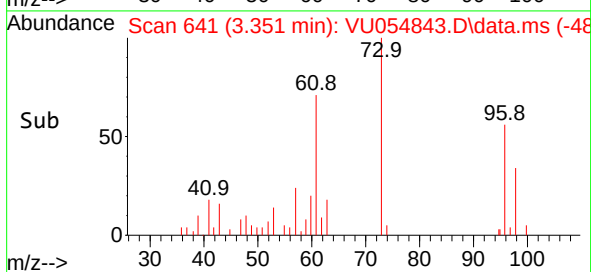
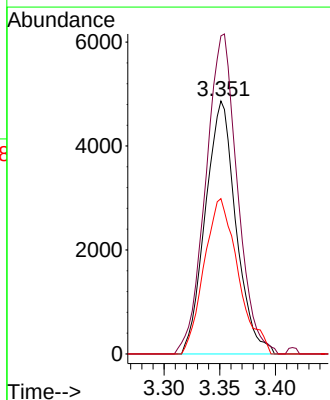
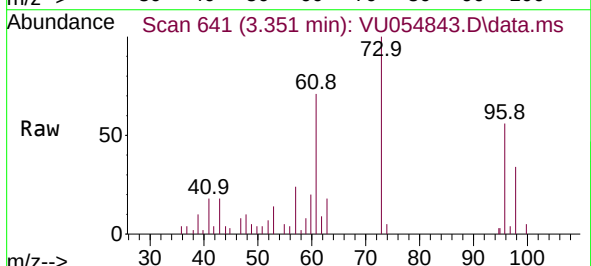
APPROVED

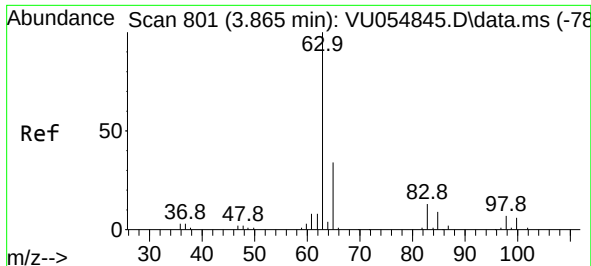
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#16
trans-1,2-Dichloroethene
Concen: 1.816 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

Tgt Ion: 96 Resp: 9283
Ion Ratio Lower Upper
96 100
61 125.8 96.4 144.6
98 61.4 49.3 73.9





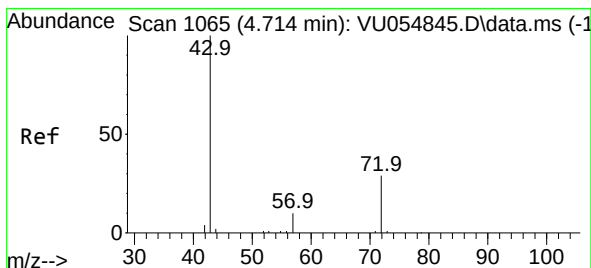
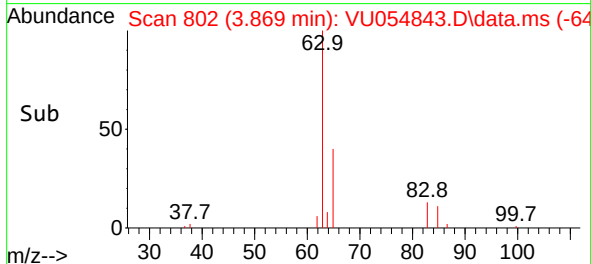
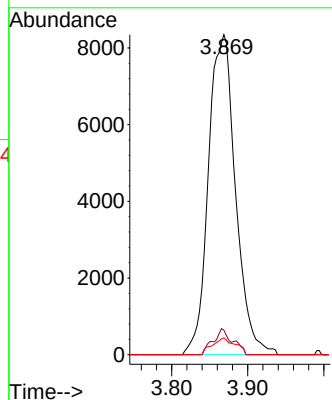
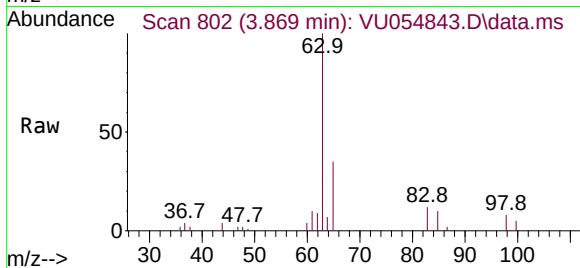
#17
1,1-Dichloroethane
Concen: 1.915 ug/l
RT: 3.869 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 63 Resp: 20719
Ion Ratio Lower Upper
63 100
98 7.7 3.6 10.8
100 5.3 2.8 8.4

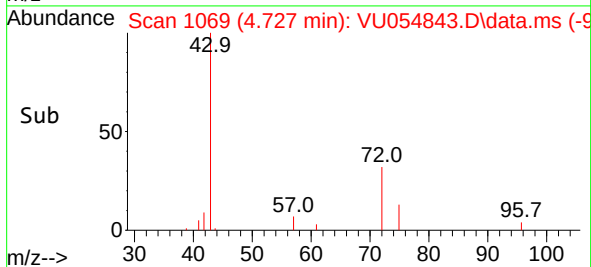
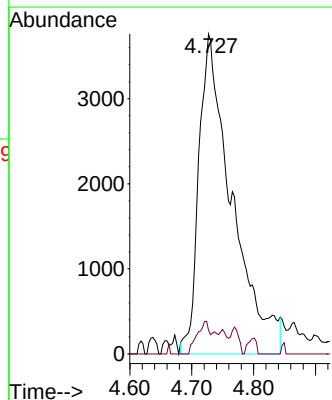
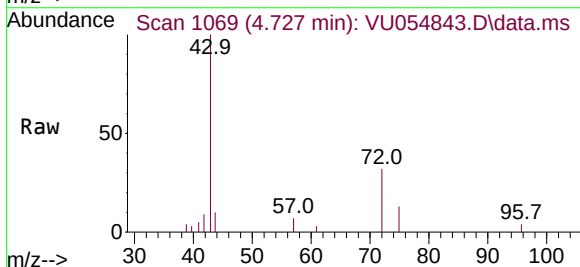
Manual Integrations
APPROVED

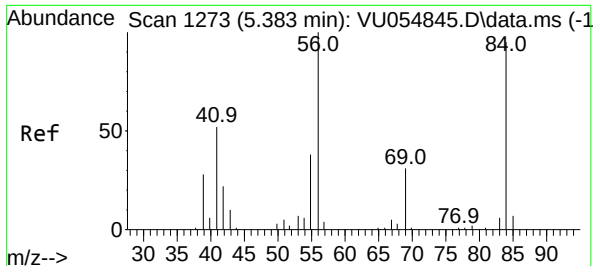
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#18
2-Butanone
Concen: 10.138 ug/l m
RT: 4.727 min Scan# 1069
Delta R.T. 0.013 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

Tgt Ion: 43 Resp: 13951
Ion Ratio Lower Upper
43 100
57 7.4 0.0 20.8





#19

Cyclohexane

Concen: 1.769 ug/l

RT: 5.380 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU054843.D

Acq: 21 Jul 2023 17:44

Instrument :

MSVOA_U

ClientSampleId :

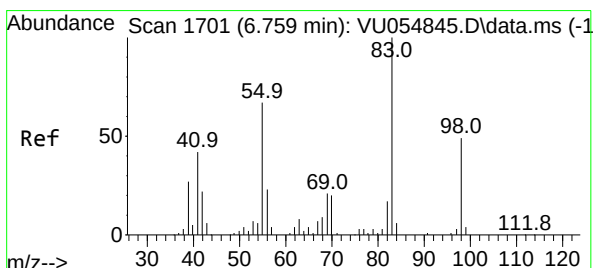
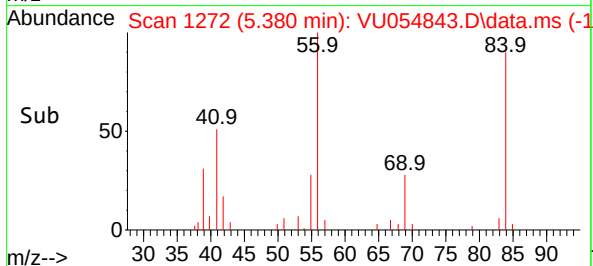
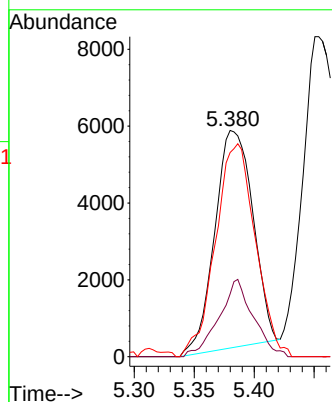
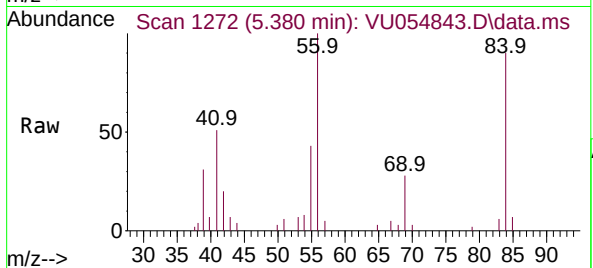
VSTDICC002

Tgt Ion:	56	Resp:	1251
Ion Ratio	Lower	Upper	
56	100		
69	31.9	24.7	37.1
84	102.3	76.5	114.7

Manual Integrations

APPROVED

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



#20

Methylcyclohexane

Concen: 1.892 ug/l

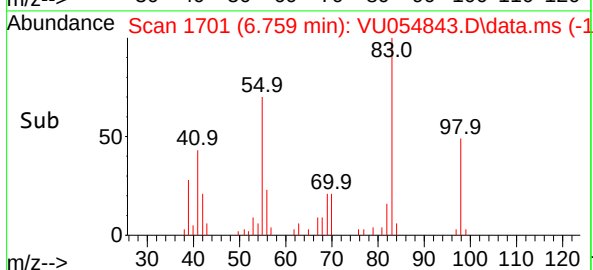
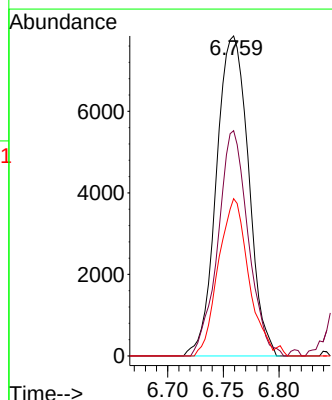
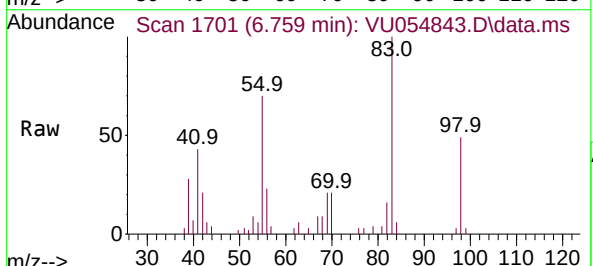
RT: 6.759 min Scan# 1701

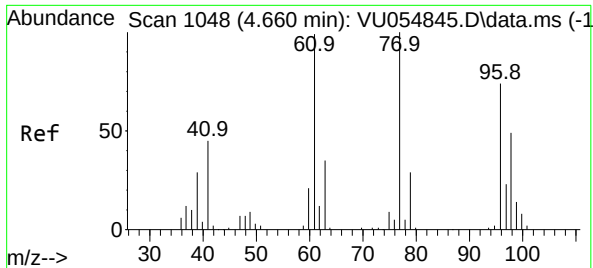
Delta R.T. -0.000 min

Lab File: VU054843.D

Acq: 21 Jul 2023 17:44

Tgt Ion:	83	Resp:	15736
Ion Ratio	Lower	Upper	
83	100		
55	66.3	51.6	77.4
98	46.8	38.2	57.2





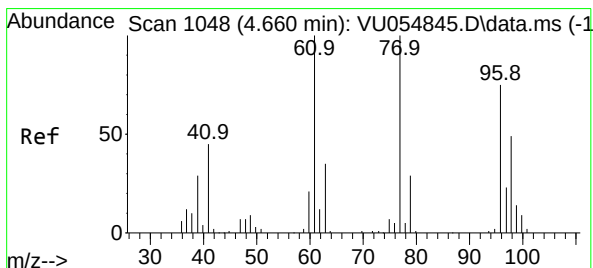
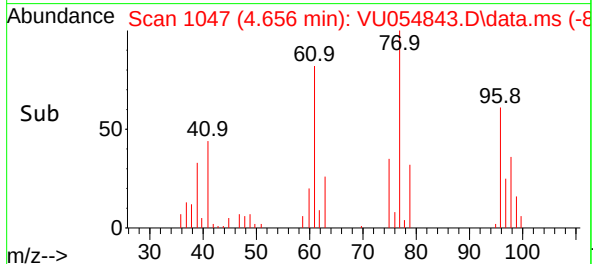
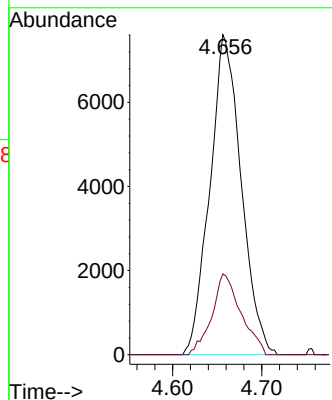
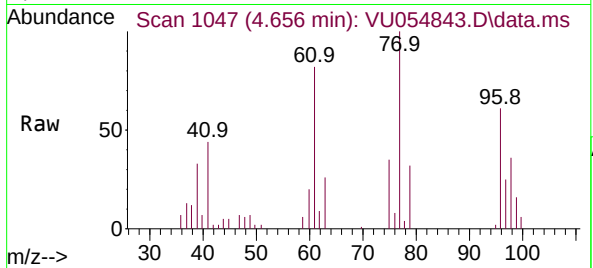
#21
2,2-Dichloropropane
Concen: 1.967 ug/l
RT: 4.656 min Scan# 1050
Delta R.T. -0.003 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 77 Resp: 1856
Ion Ratio Lower Upper
77 100
97 23.5 18.0 27.0

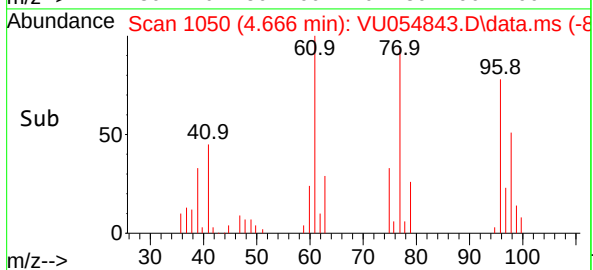
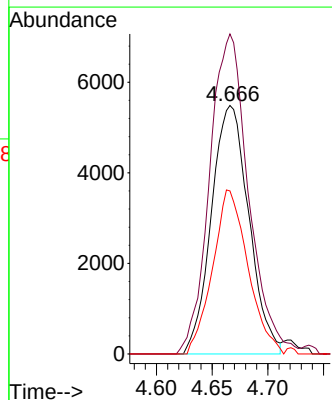
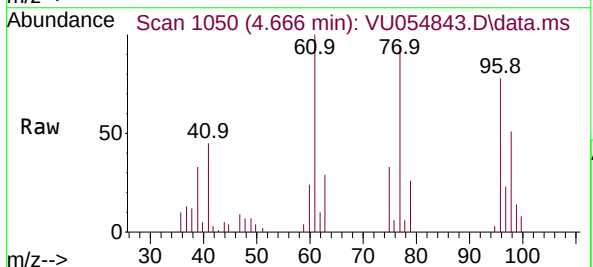
Manual Integrations
APPROVED

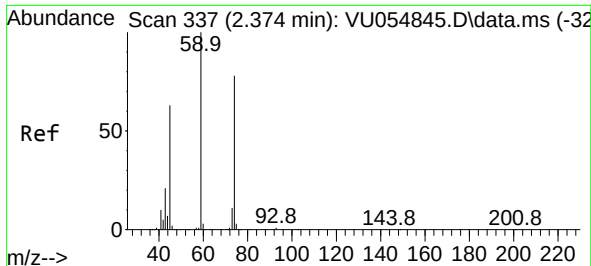
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#22
cis-1,2-Dichloroethene
Concen: 1.984 ug/l
RT: 4.666 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

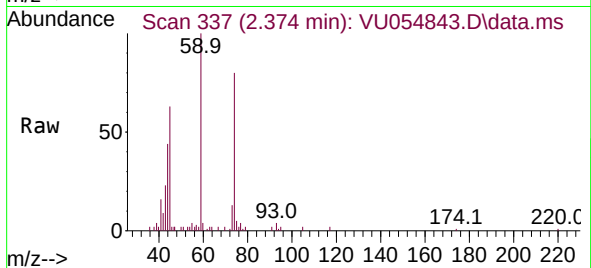
Tgt Ion: 96 Resp: 12841
Ion Ratio Lower Upper
96 100
61 133.6 0.0 332.0
98 62.2 32.5 97.5





#23
Diethyl Ether
Concen: 1.909 ug/l
RT: 2.374 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

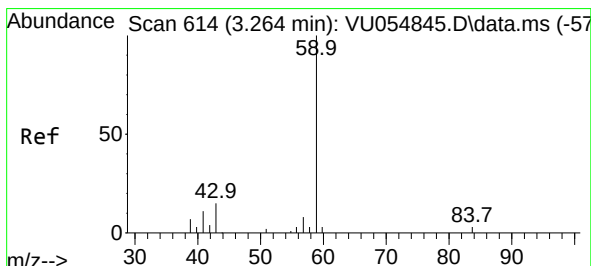
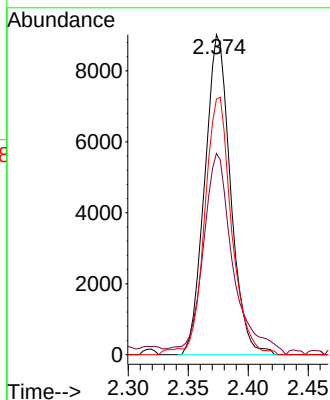
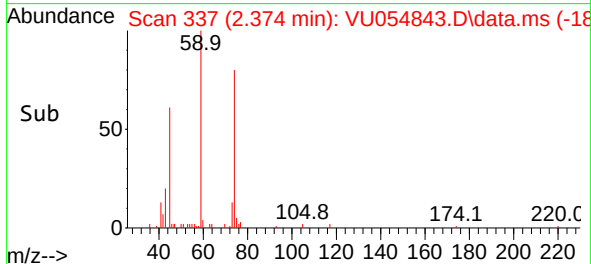
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 59 Resp: 13490
Ion Ratio Lower Upper
59 100
45 73.0 51.4 77.0
74 84.1 63.1 94.7

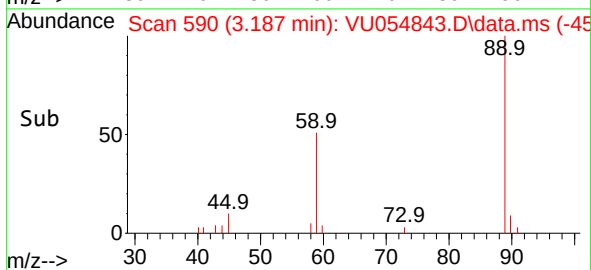
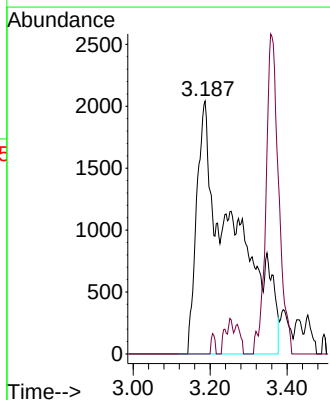
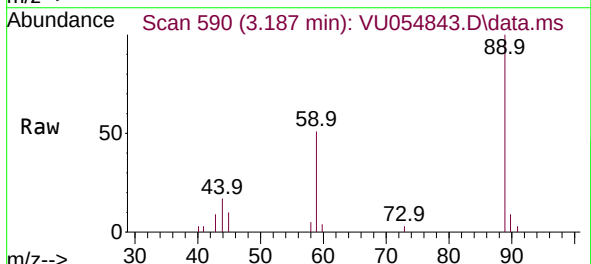
Manual Integrations
APPROVED

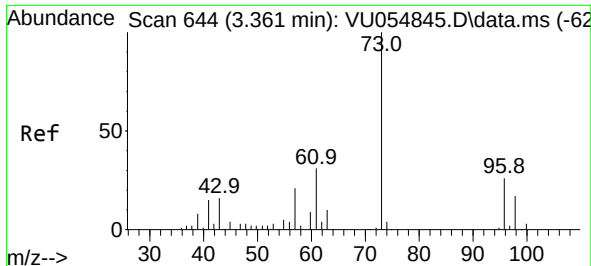
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#24
tert-Butyl Alcohol
Concen: 20.467 ug/l m
RT: 3.187 min Scan# 590
Delta R.T. -0.077 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

Tgt Ion: 59 Resp: 13480
Ion Ratio Lower Upper
59 100
57 1.6 2.2 3.2#





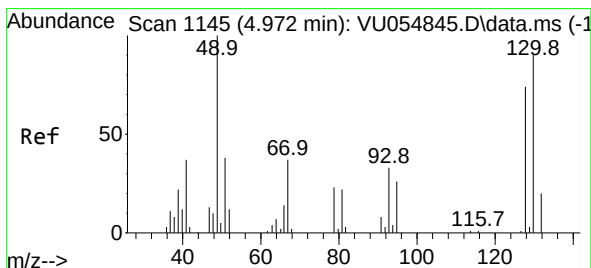
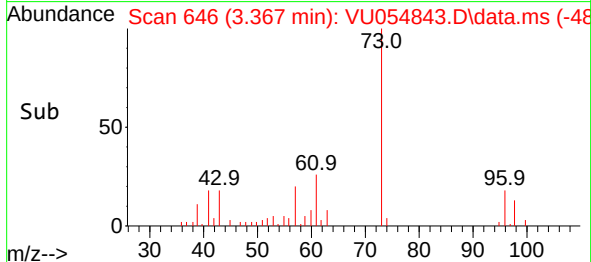
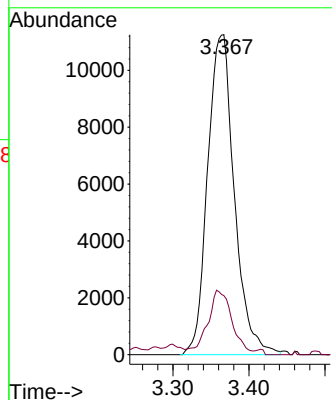
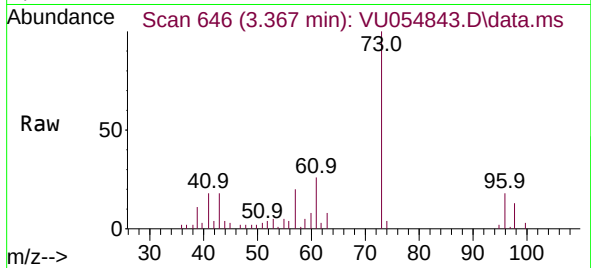
#25
Methyl tert-Butyl Ether
Concen: 1.957 ug/l
RT: 3.367 min Scan# 64
Delta R.T. 0.006 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 73 Resp: 2747
Ion Ratio Lower Upper
73 100
43 17.1 14.6 22.0

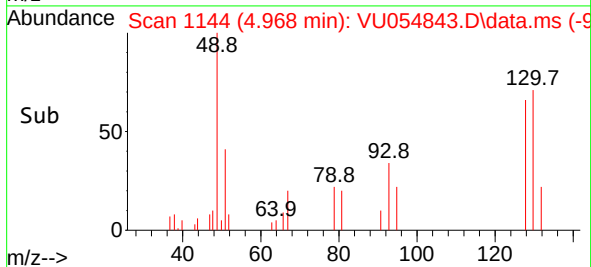
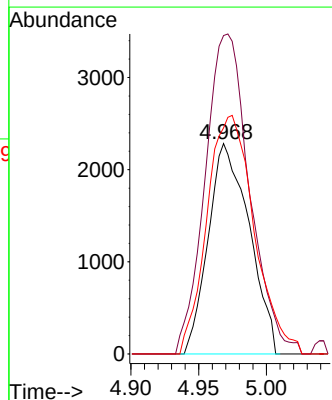
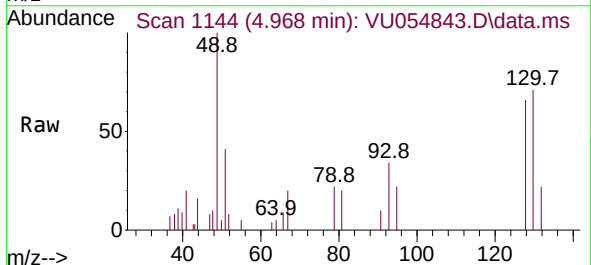
Manual Integrations
APPROVED

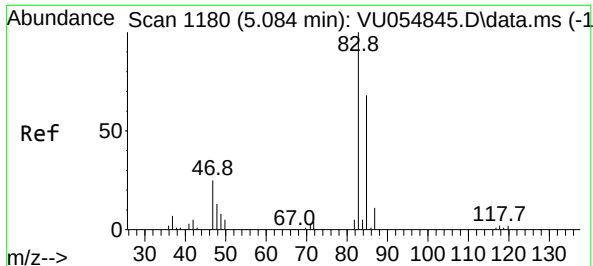
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#26
Bromochloromethane
Concen: 1.942 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. -0.003 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

Tgt Ion:128 Resp: 4793
Ion Ratio Lower Upper
128 100
49 165.7 0.0 304.0
130 131.0 104.3 156.5





#27

Chloroform

Concen: 1.911 ug/l

RT: 5.084 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VU054843.D

Acq: 21 Jul 2023 17:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 83 Resp: 22718

Ion Ratio Lower Upper

83 100

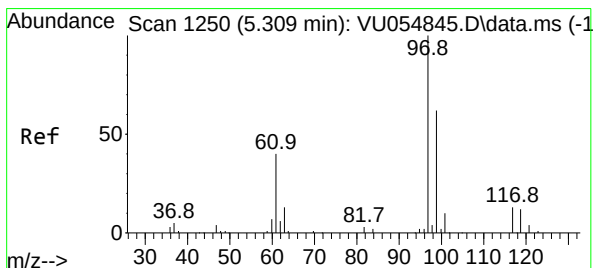
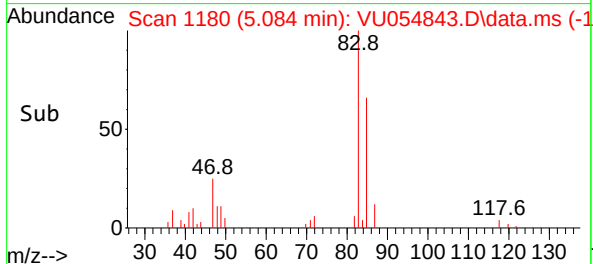
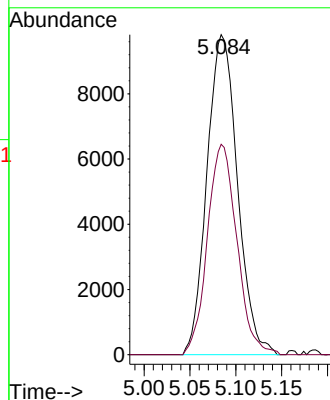
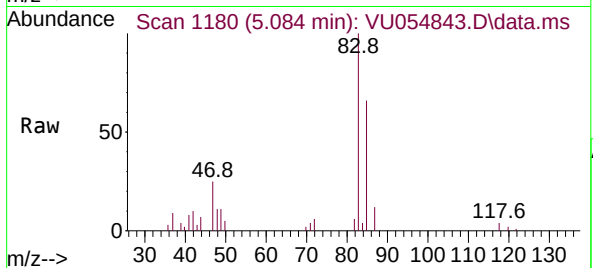
85 65.8 0.0 135.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#28

1,1,1-Trichloroethane

Concen: 1.966 ug/l

RT: 5.312 min Scan# 1251

Delta R.T. 0.003 min

Lab File: VU054843.D

Acq: 21 Jul 2023 17:44

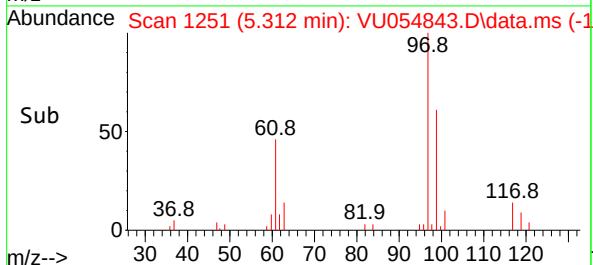
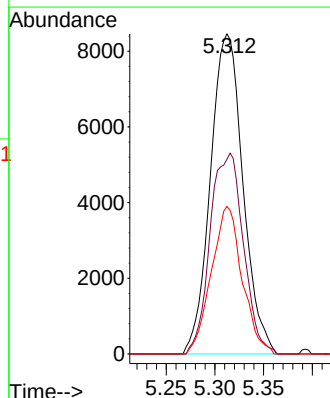
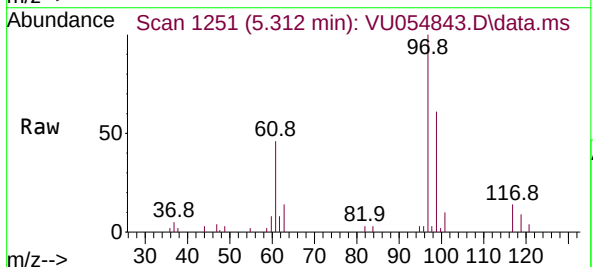
Tgt Ion: 97 Resp: 19641

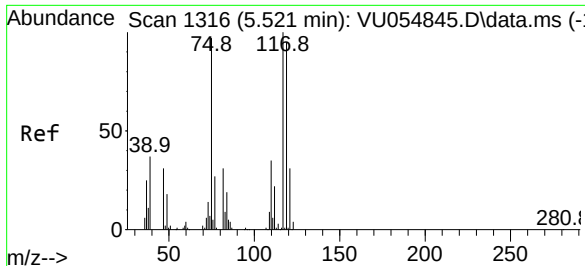
Ion Ratio Lower Upper

97 100

99 64.0 32.0 96.2

61 43.7 21.0 63.0





#29

1,1-Dichloropropene

Concen: 1.837 ug/l

RT: 5.525 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU054843.D

Acq: 21 Jul 2023 17:44

Instrument :

MSVOA_U

ClientSampleId :

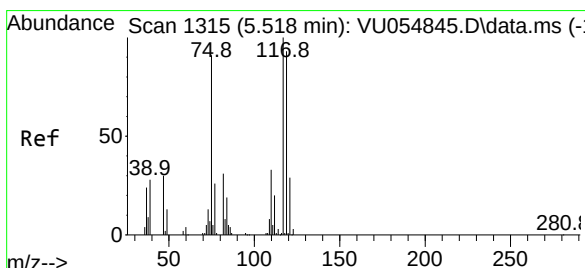
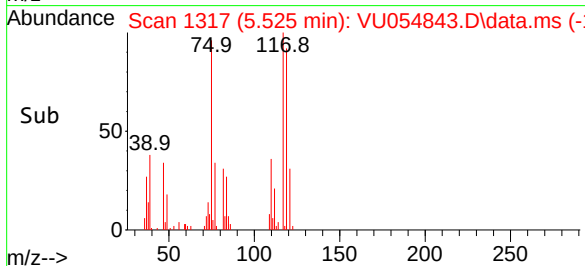
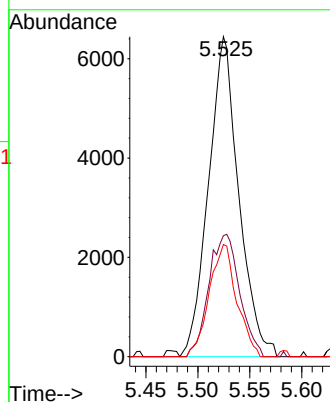
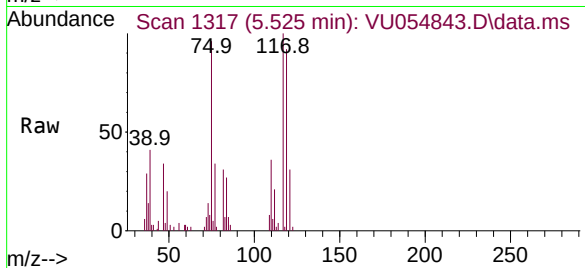
VSTDICC002

Tgt Ion:	75	Resp:	1305
Ion	Ratio	Lower	Upper
75	100		
110	38.9	18.5	55.5
77	32.0	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: 1.896 ug/l

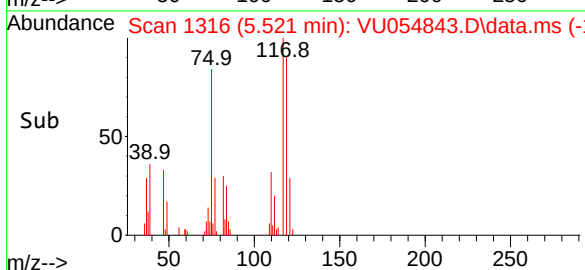
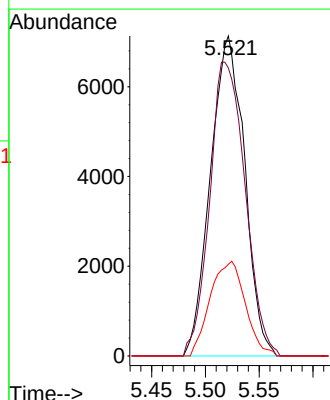
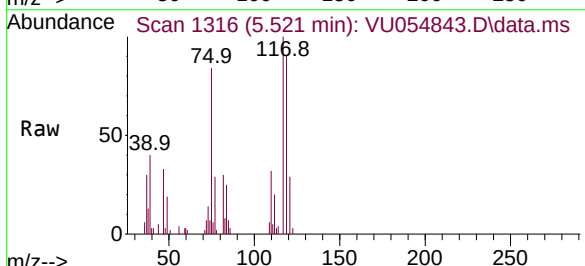
RT: 5.521 min Scan# 1316

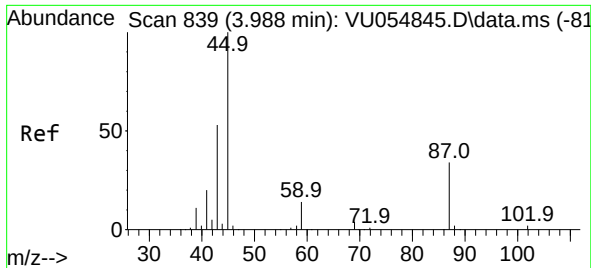
Delta R.T. 0.003 min

Lab File: VU054843.D

Acq: 21 Jul 2023 17:44

Tgt Ion:	117	Resp:	15742
Ion	Ratio	Lower	Upper
117	100		
119	90.0	75.6	113.4
121	28.7	23.4	35.0





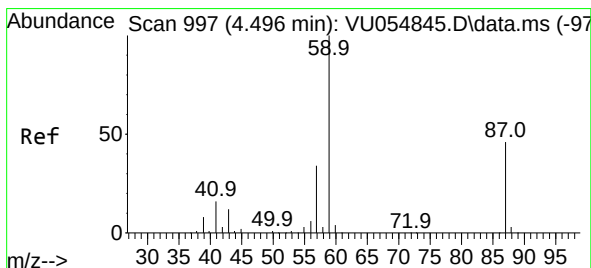
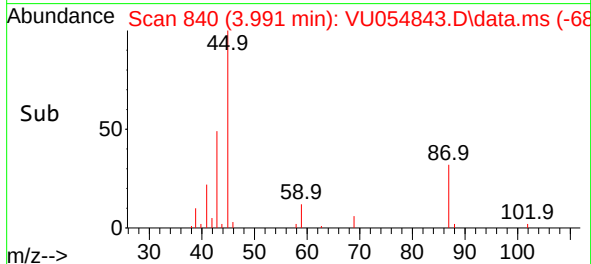
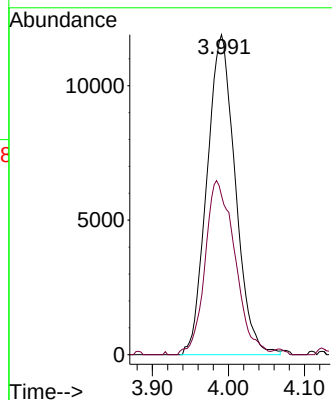
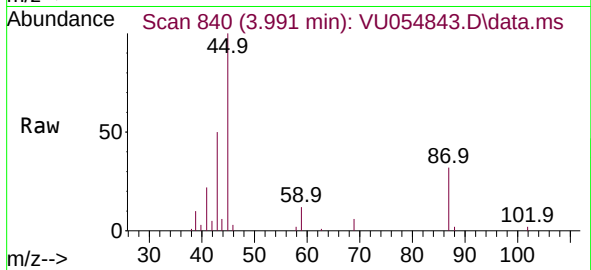
#31
Isopropyl Ether
Concen: 1.923 ug/l
RT: 3.991 min Scan# 840
Delta R.T. 0.003 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 45 Resp: 30778
Ion Ratio Lower Upper
45 100
43 57.4 26.4 79.2

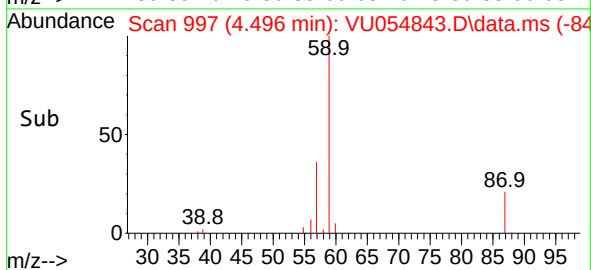
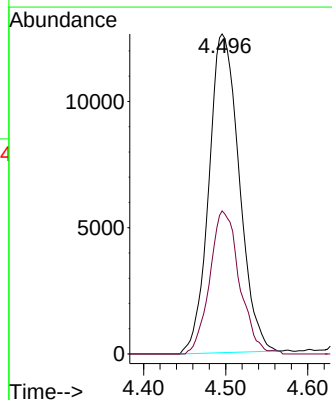
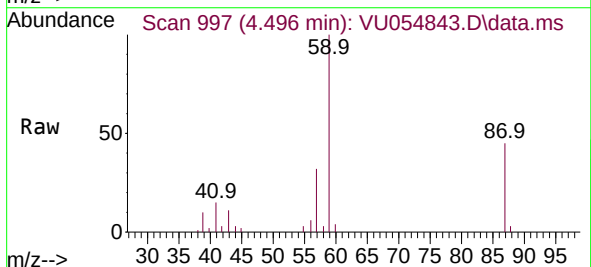
Manual Integrations
APPROVED

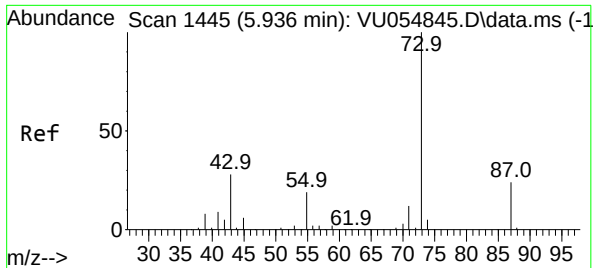
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#32
Ethyl-t-butyl ether
Concen: 1.975 ug/l
RT: 4.496 min Scan# 997
Delta R.T. -0.000 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

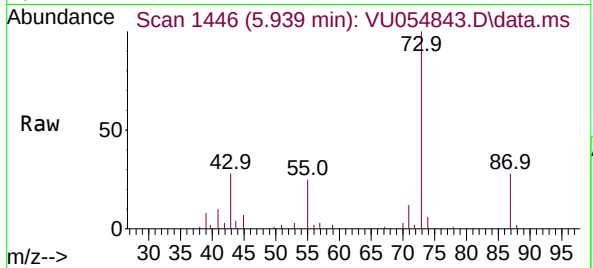
Tgt Ion: 59 Resp: 32489
Ion Ratio Lower Upper
59 100
87 44.1 35.7 53.5





#33
Tert-Amyl methyl ether
Concen: 1.873 ug/l
RT: 5.939 min Scan# 1446
Delta R.T. 0.003 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

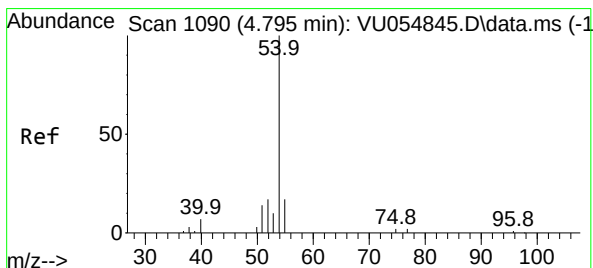
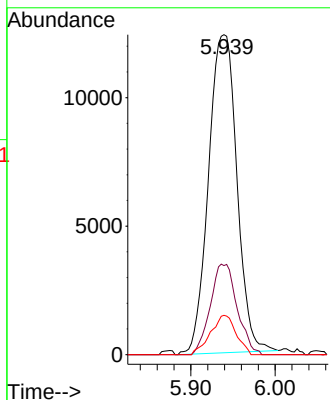
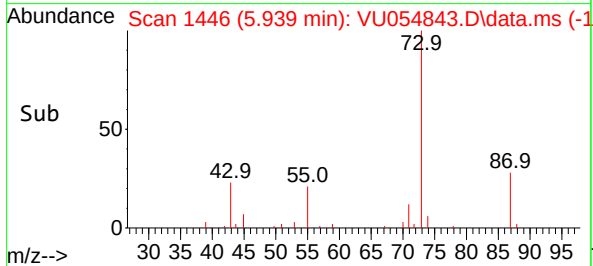
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



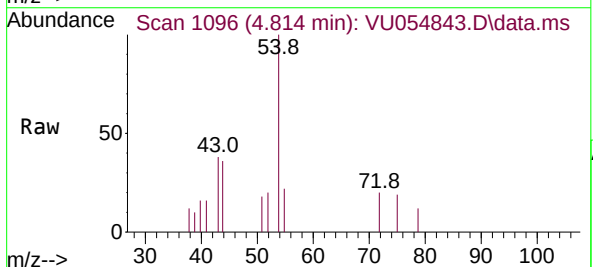
Tgt Ion: 73 Resp: 2899
Ion Ratio Lower Upper
73 100
87 26.8 19.6 29.4
71 11.1 9.1 13.7

Manual Integrations
APPROVED

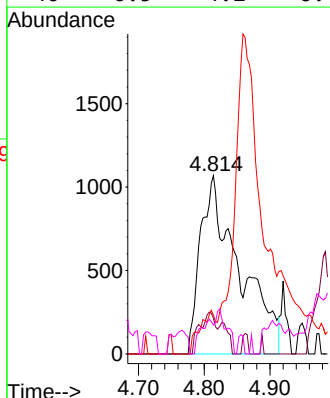
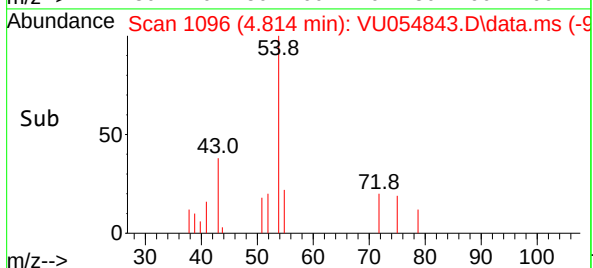
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

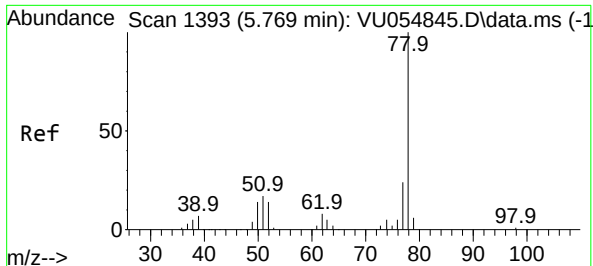


#34
Propionitrile
Concen: 9.741 ug/l m
RT: 4.814 min Scan# 1096
Delta R.T. 0.019 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44



Tgt Ion: 54 Resp: 4398
Ion Ratio Lower Upper
54 100
52 3.0 13.8 20.8#
55 10.3 4.8 7.2#
40 6.5 4.2 6.4#





#35

Benzene

Concen: 1.939 ug/l

RT: 5.772 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU054843.D

Acq: 21 Jul 2023 17:44

Instrument :

MSVOA_U

ClientSampleId :

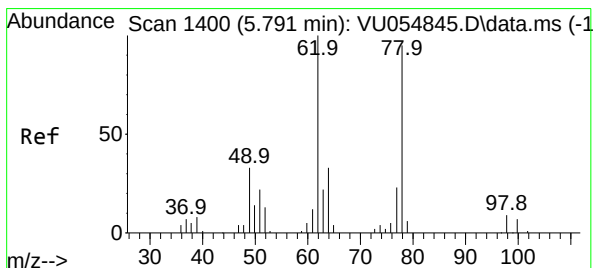
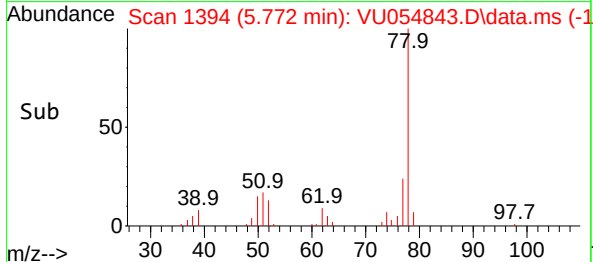
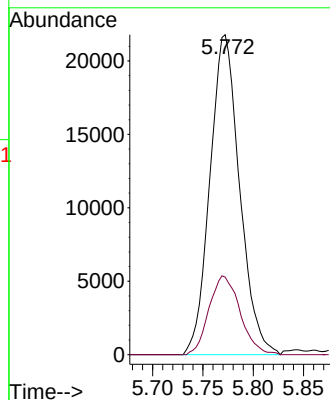
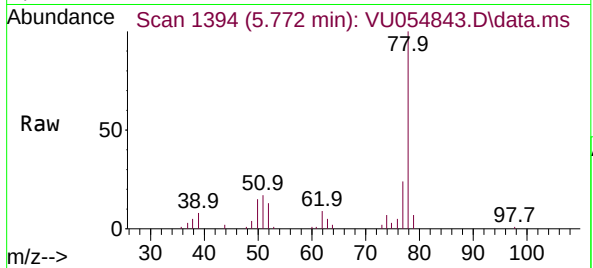
VSTDICC002

Tgt Ion: 78 Resp: 4476
 Ion Ratio Lower Upper
 78 100
 77 24.3 19.4 29.2

Manual Integrations

APPROVED

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



#36

1,2-Dichloroethane

Concen: 1.905 ug/l

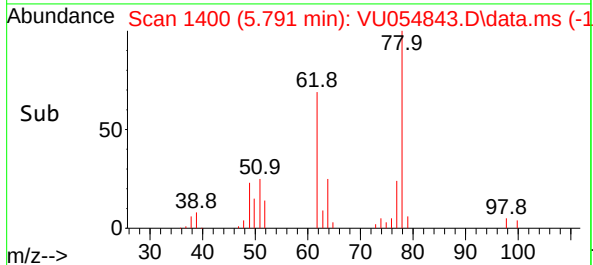
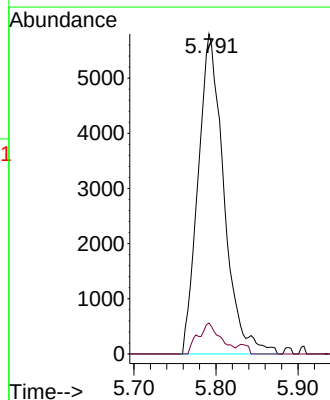
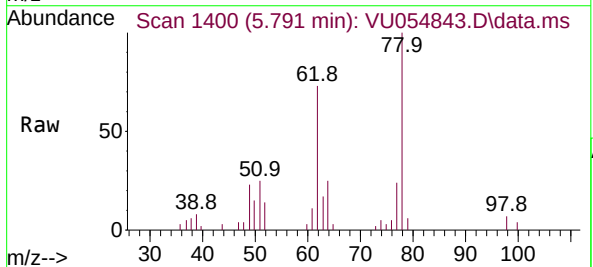
RT: 5.791 min Scan# 1400

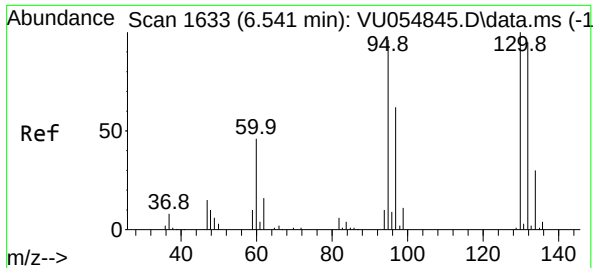
Delta R.T. -0.000 min

Lab File: VU054843.D

Acq: 21 Jul 2023 17:44

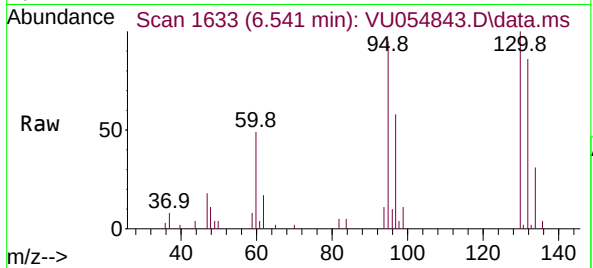
Tgt Ion: 62 Resp: 12638
 Ion Ratio Lower Upper
 62 100
 98 8.4 7.8 11.8





#37
Trichloroethene
Concen: 1.899 ug/l
RT: 6.541 min Scan# 1710
Delta R.T. -0.000 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

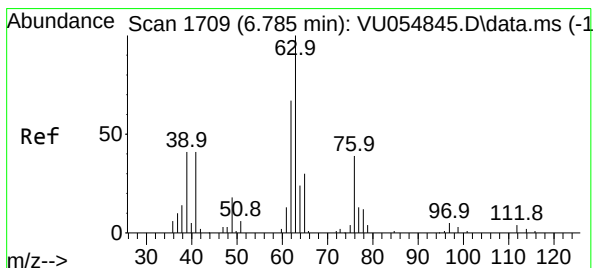
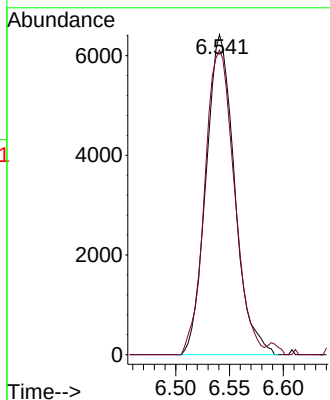
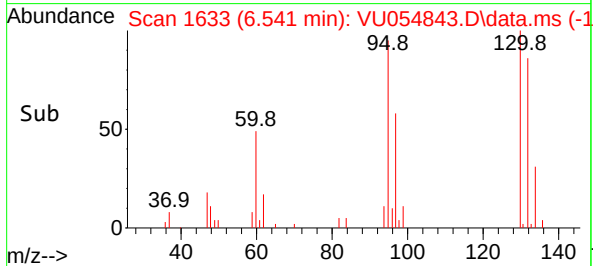
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



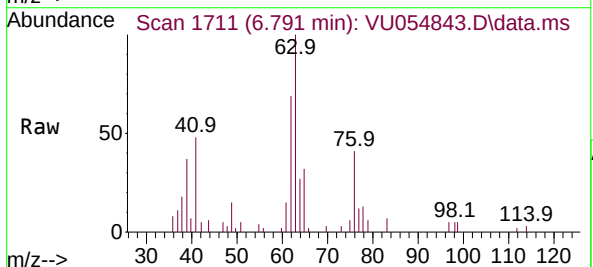
Tgt Ion:130 Resp: 11852
Ion Ratio Lower Upper
130 100
95 93.2 76.8 115.2

Manual Integrations
APPROVED

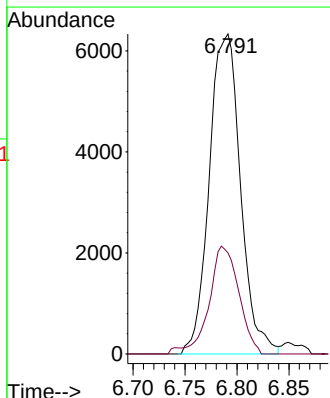
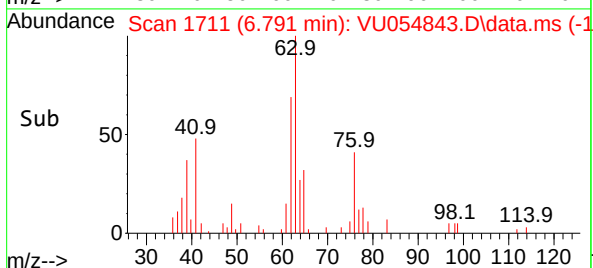
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

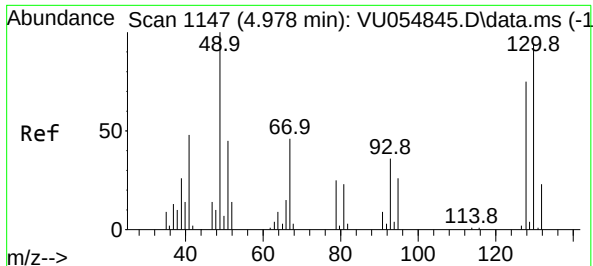


#38
1,2-Dichloropropane
Concen: 1.989 ug/l
RT: 6.791 min Scan# 1711
Delta R.T. 0.006 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44



Tgt Ion: 63 Resp: 13261
Ion Ratio Lower Upper
63 100
65 31.6 24.3 36.5





#39

Methacrylonitrile

Concen: 1.882 ug/l

RT: 4.978 min Scan# 1147

Delta R.T. -0.000 min

Lab File: VU054843.D

Acq: 21 Jul 2023 17:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

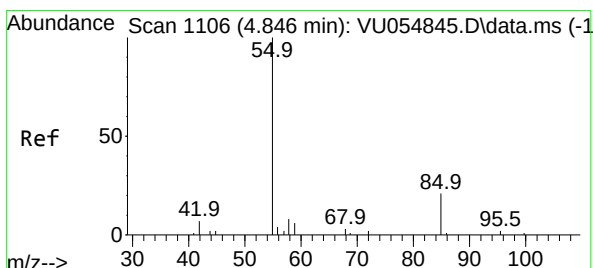
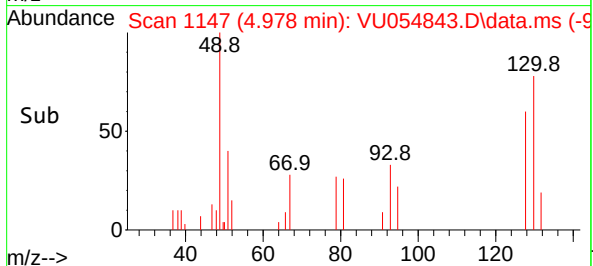
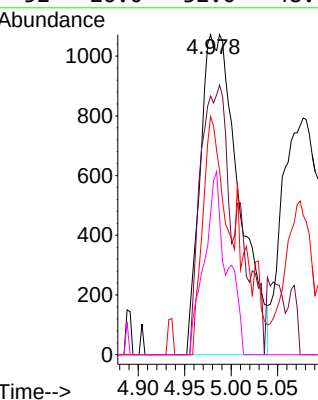
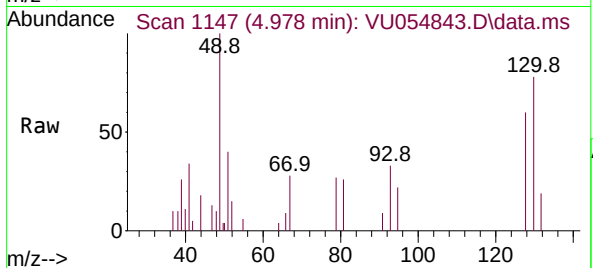
Tgt Ion: 41 Resp: 309

Ion	Ratio	Lower	Upper
41	100		
67	58.3	77.0	115.4
39	44.1	50.4	75.6
52	26.0	32.0	48.0

Manual Integrations

APPROVED

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



#40

Methyl acrylate

Concen: 1.468 ug/l

RT: 4.859 min Scan# 1110

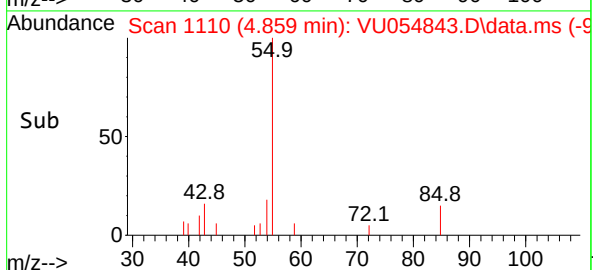
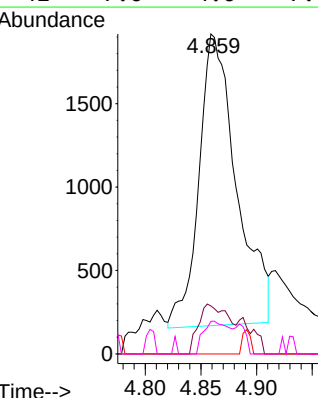
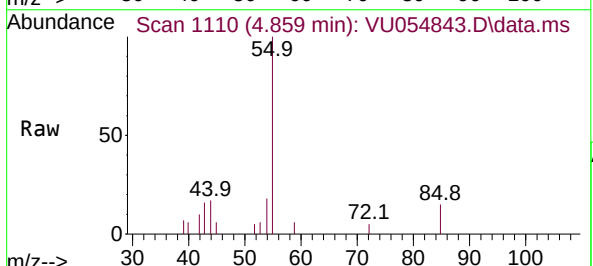
Delta R.T. 0.013 min

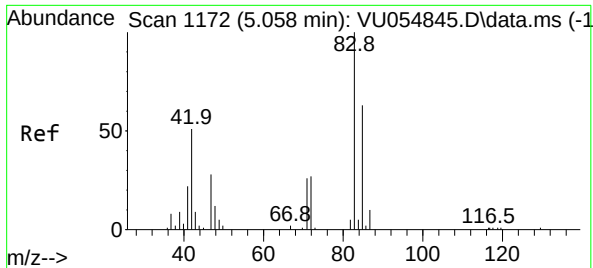
Lab File: VU054843.D

Acq: 21 Jul 2023 17:44

Tgt Ion: 55 Resp: 4110

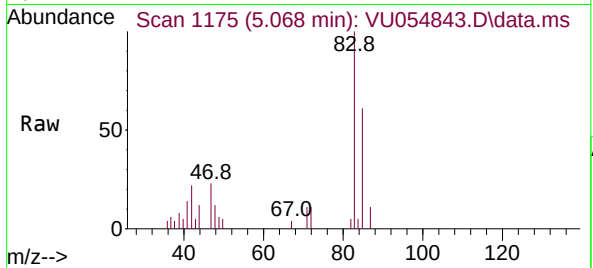
Ion	Ratio	Lower	Upper
55	100		
85	13.7	13.0	19.6
58	1.8	5.7	8.5
42	7.6	4.6	7.0





#41
Tetrahydrofuran
Concen: 3.440 ug/l
RT: 5.068 min Scan# 1172
Delta R.T. 0.010 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

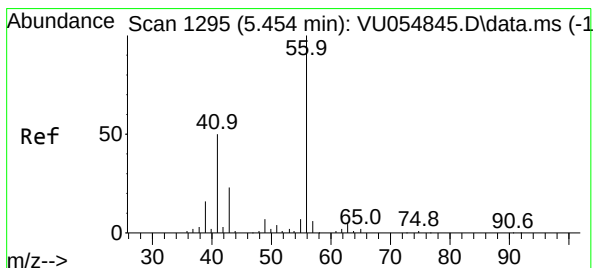
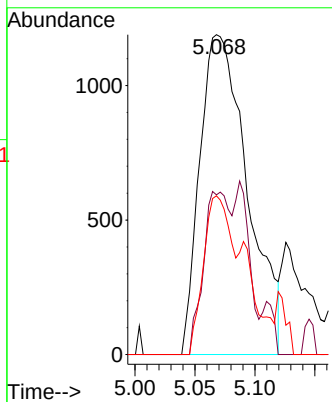
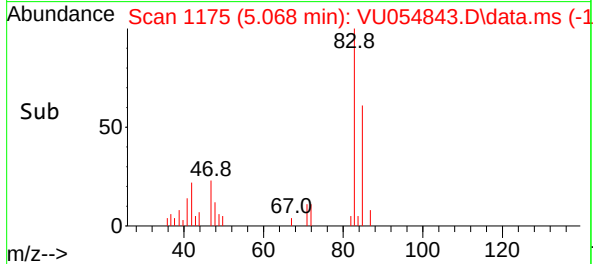
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



Tgt Ion: 42 Resp: 3295
Ion Ratio Lower Upper
42 100
72 28.8 42.1 63.1
71 29.0 39.7 59.5

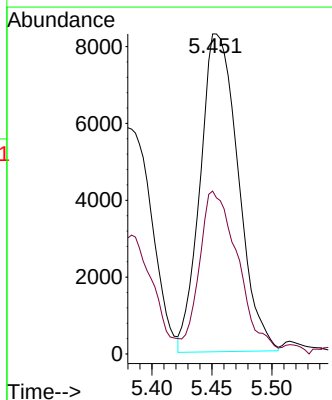
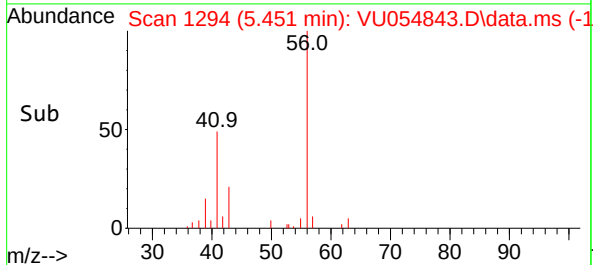
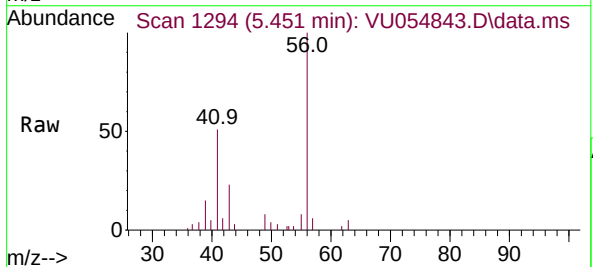
Manual Integrations
APPROVED

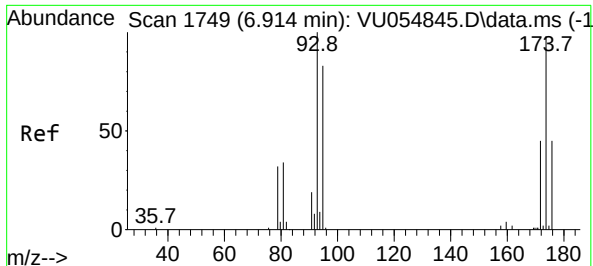
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#42
1-Chlorobutane
Concen: 1.898 ug/l
RT: 5.451 min Scan# 1294
Delta R.T. -0.003 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

Tgt Ion: 56 Resp: 18239
Ion Ratio Lower Upper
56 100
41 52.1 23.9 71.7





#43

Dibromomethane

Concen: 1.878 ug/l

RT: 6.917 min Scan# 1750

Delta R.T. 0.003 min

Lab File: VU054843.D

Acq: 21 Jul 2023 17:44

Instrument :

MSVOA_U

ClientSampleId :

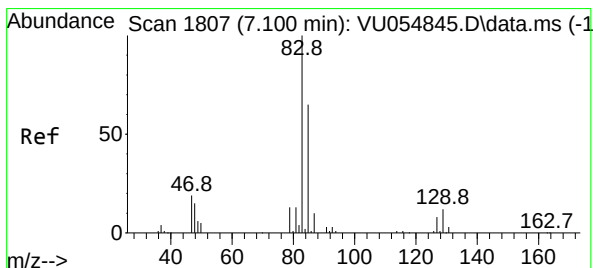
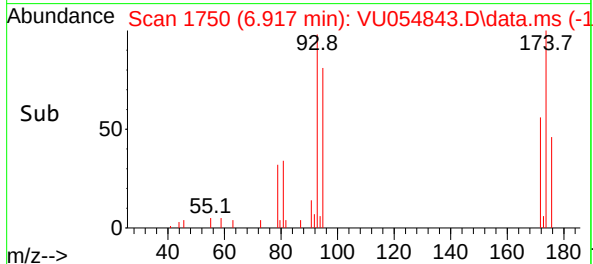
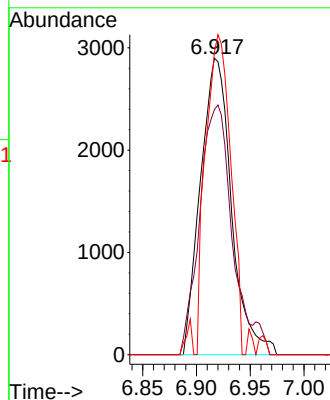
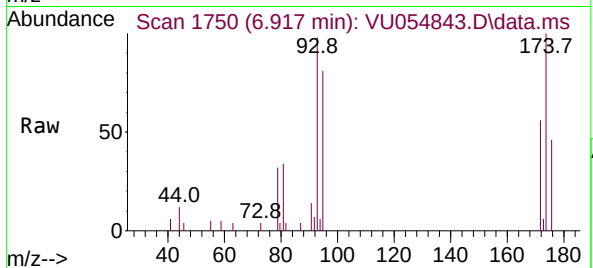
VSTDICC002

Tgt Ion:	93	Resp:	582
Ion Ratio	Lower	Upper	
93	100		
95	89.0	64.7	97.1
174	87.0	74.4	111.6

Manual Integrations

APPROVED

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



#44

Bromodichloromethane

Concen: 1.884 ug/l

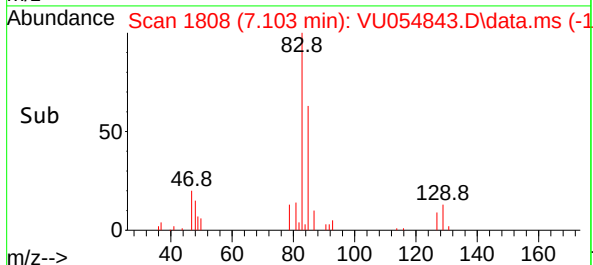
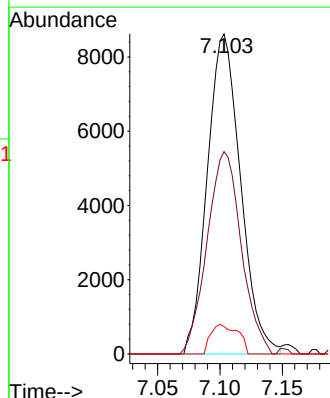
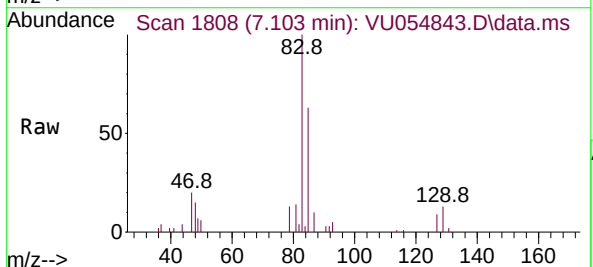
RT: 7.103 min Scan# 1808

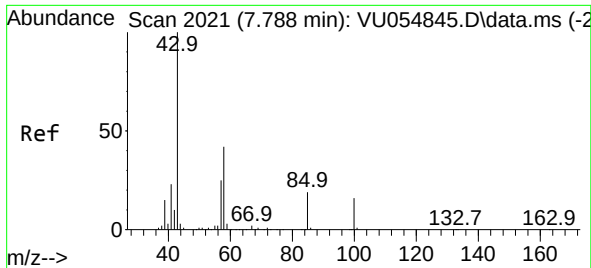
Delta R.T. 0.003 min

Lab File: VU054843.D

Acq: 21 Jul 2023 17:44

Tgt Ion:	83	Resp:	16001
Ion Ratio	Lower	Upper	
83	100		
85	63.2	52.2	78.2
127	8.6	6.1	9.1





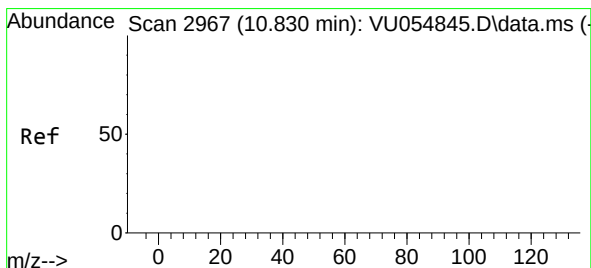
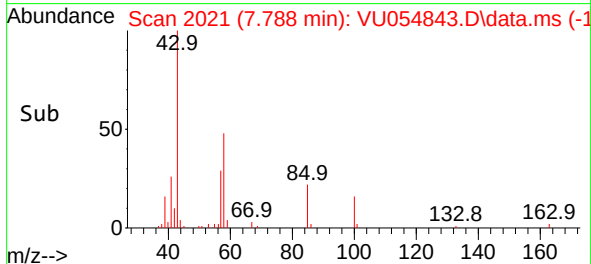
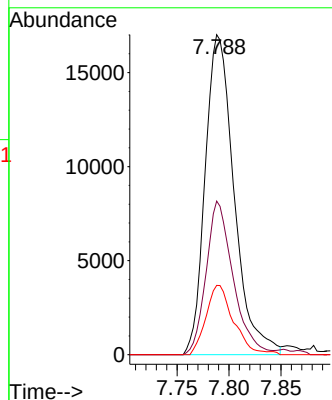
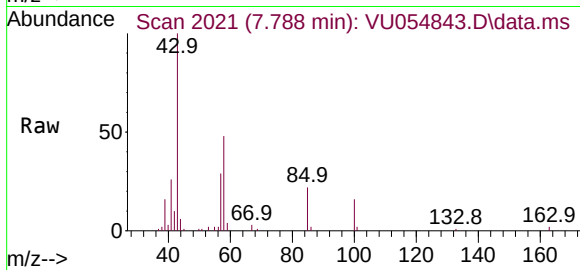
#45
4-Methyl-2-Pentanone
Concen: 8.988 ug/l
RT: 7.788 min Scan# 2021
Delta R.T. -0.000 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 3298
Ion Ratio Lower Upper
43 100
58 44.8 21.3 63.7
85 20.6 15.3 22.9

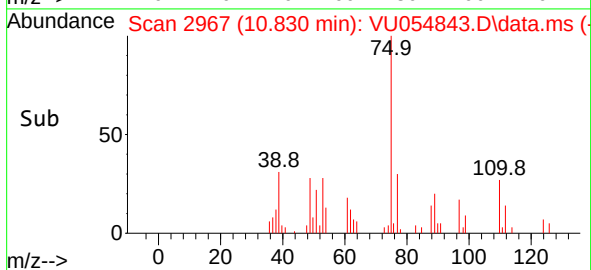
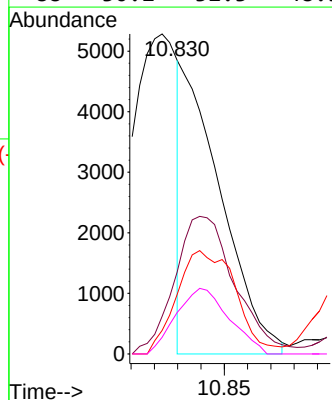
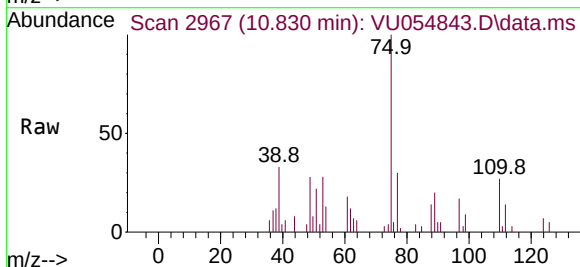
Manual Integrations
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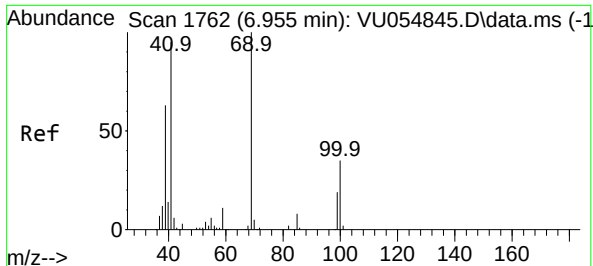
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#46
t-1,4-Dichloro-2-butene
Concen: 3.669 ug/l m
RT: 10.830 min Scan# 2967
Delta R.T. -0.000 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

Tgt Ion: 75 Resp: 5661
Ion Ratio Lower Upper
75 100
53 72.4 62.9 94.3
89 53.1 47.8 71.8
88 30.2 32.3 48.5





#47

Methyl methacrylate

Concen: 3.581 ug/l

RT: 6.962 min Scan# 1762

Delta R.T. 0.006 min

Lab File: VU054843.D

Acq: 21 Jul 2023 17:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 69 Resp: 1043

Ion Ratio Lower Upper

69 100

41 106.7 0.0 193.0

39 68.9 50.4 75.6

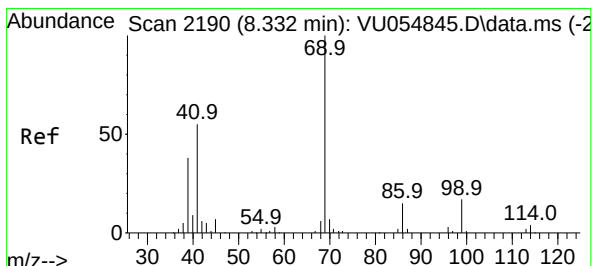
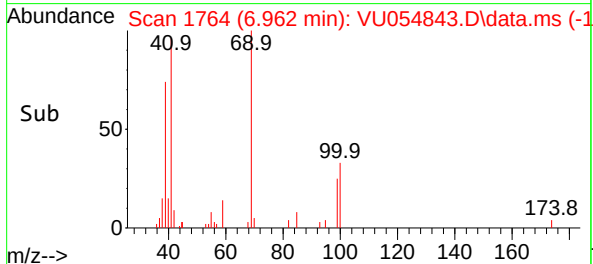
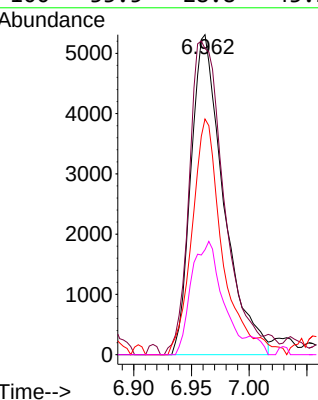
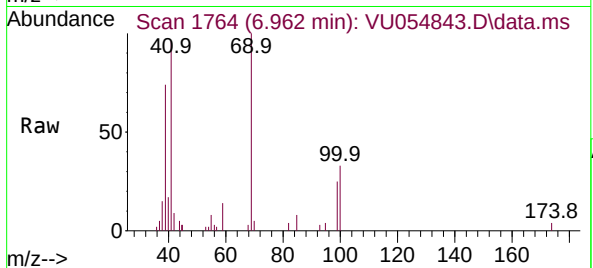
100 33.5 28.8 43.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#48

Ethyl methacrylate

Concen: 1.781 ug/l

RT: 8.335 min Scan# 2191

Delta R.T. 0.003 min

Lab File: VU054843.D

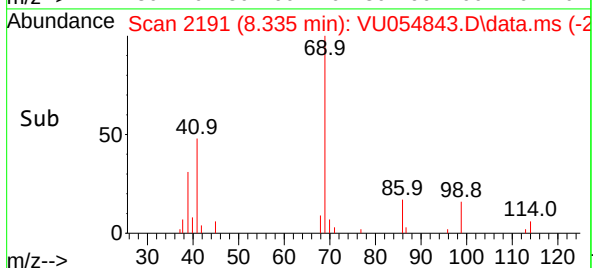
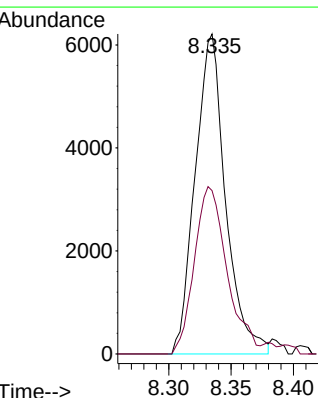
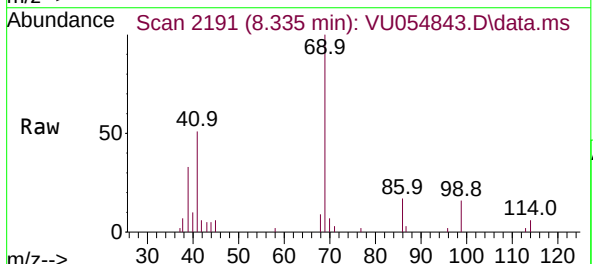
Acq: 21 Jul 2023 17:44

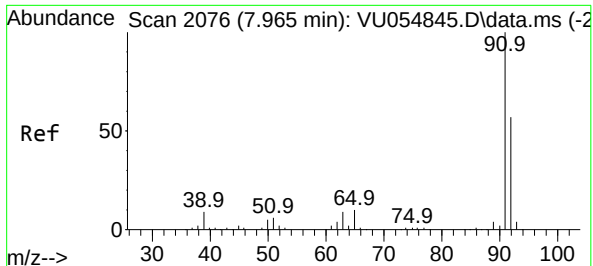
Tgt Ion: 69 Resp: 10537

Ion Ratio Lower Upper

69 100

41 56.4 28.8 86.5





#49

Toluene

Concen: 1.882 ug/l

RT: 7.968 min Scan# 2077

Delta R.T. 0.003 min

Lab File: VU054843.D

Acq: 21 Jul 2023 17:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 92 Resp: 2773

Ion Ratio Lower Upper

92 100

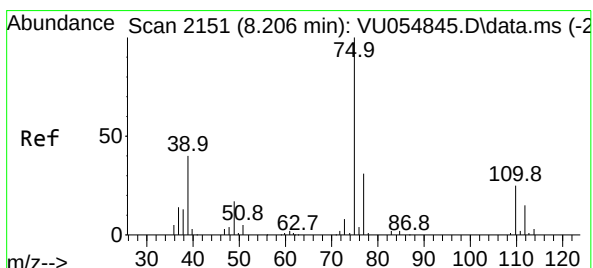
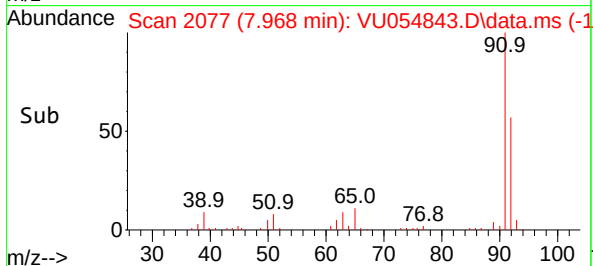
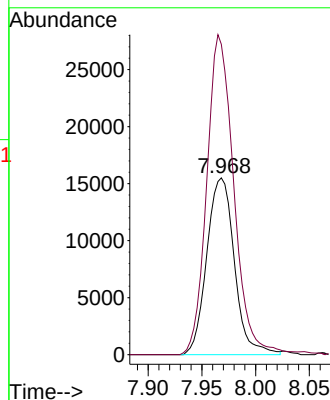
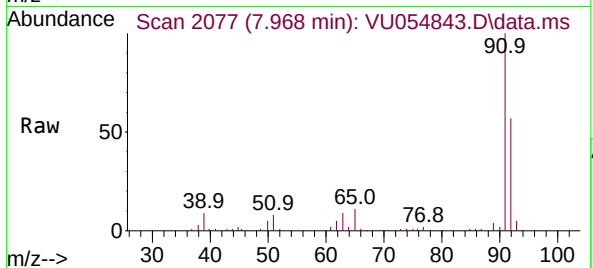
91 177.4 142.9 214.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#50

t-1,3-Dichloropropene

Concen: 1.929 ug/l

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU054843.D

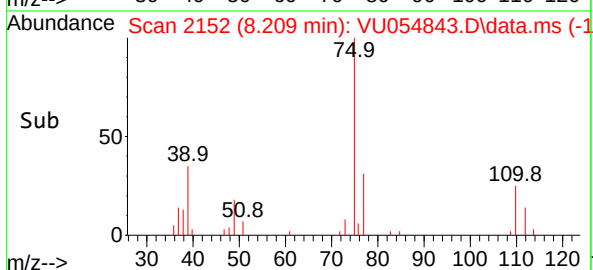
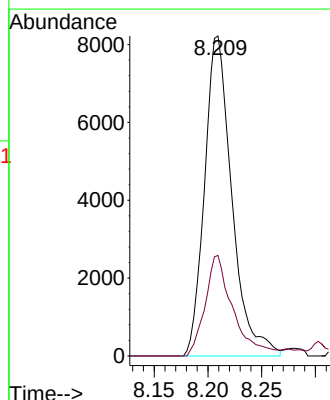
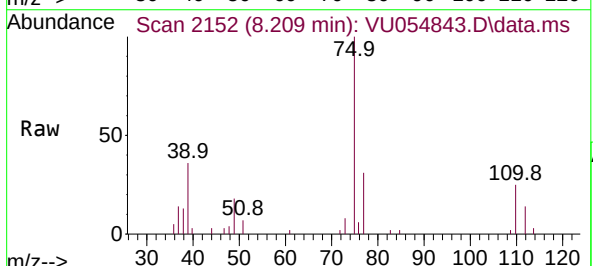
Acq: 21 Jul 2023 17:44

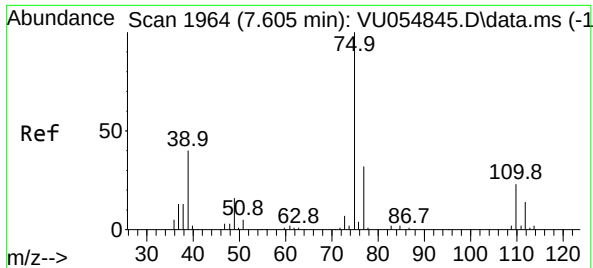
Tgt Ion: 75 Resp: 14525

Ion Ratio Lower Upper

75 100

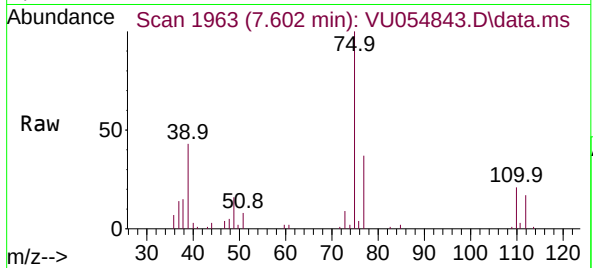
77 31.4 24.9 37.3





#51
 cis-1,3-Dichloropropene
 Concen: 1.837 ug/l
 RT: 7.602 min Scan# 1964
 Delta R.T. -0.003 min
 Lab File: VU054843.D
 Acq: 21 Jul 2023 17:44

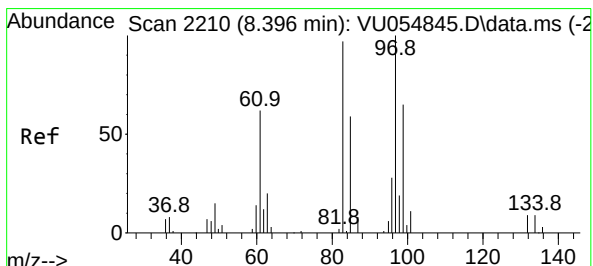
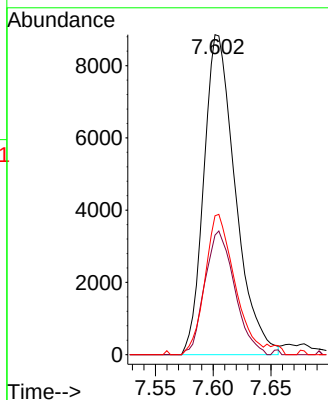
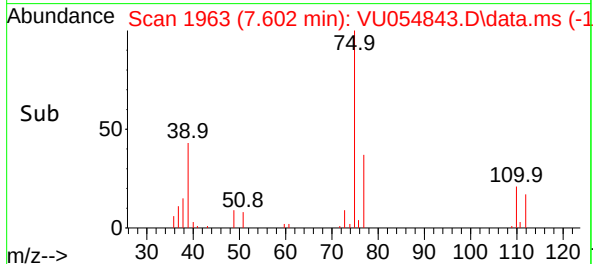
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002



Tgt Ion: 75 Resp: 16818
 Ion Ratio Lower Upper
 75 100
 77 37.3 25.8 38.8
 39 43.4 31.7 47.5

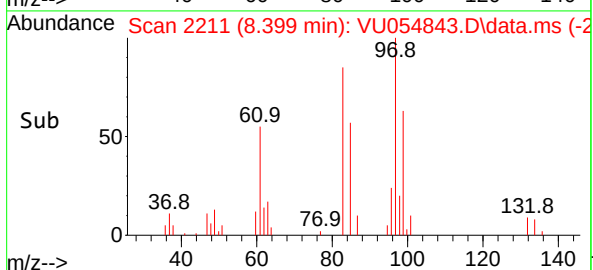
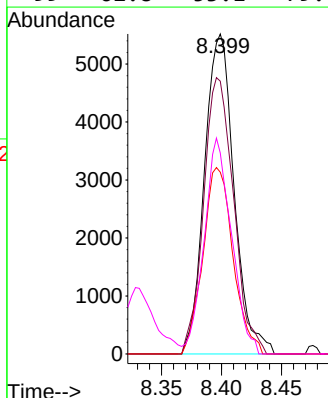
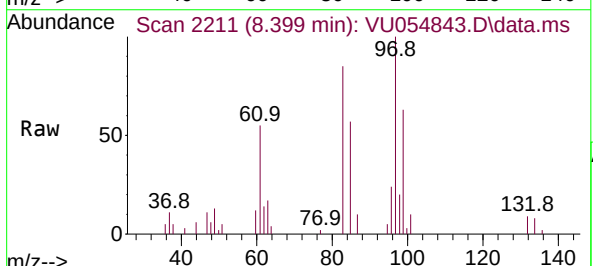
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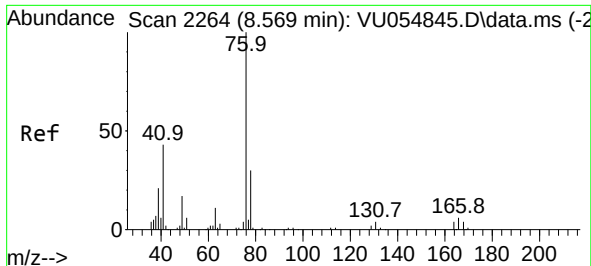
Reviewed By :Semsettin Yesilyurt 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#52
 1,1,2-Trichloroethane
 Concen: 2.024 ug/l
 RT: 8.399 min Scan# 2211
 Delta R.T. 0.003 min
 Lab File: VU054843.D
 Acq: 21 Jul 2023 17:44

Tgt Ion: 97 Resp: 9468
 Ion Ratio Lower Upper
 97 100
 83 85.3 77.4 116.2
 85 56.8 47.8 71.8
 99 62.8 53.1 79.7





#53

1,3-Dichloropropane

Concen: 2.013 ug/l

RT: 8.573 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU054843.D

Acq: 21 Jul 2023 17:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 76 Resp: 1587

Ion Ratio Lower Upper

76 100

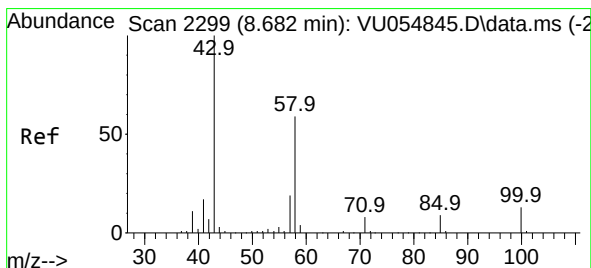
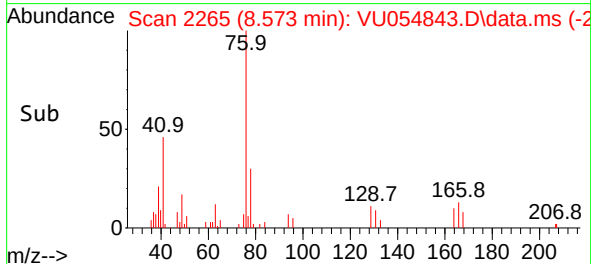
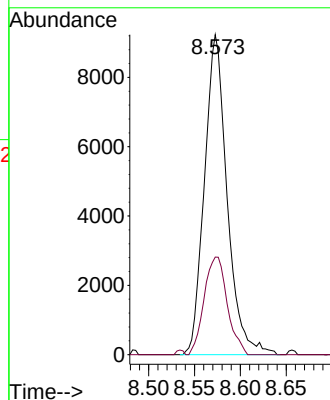
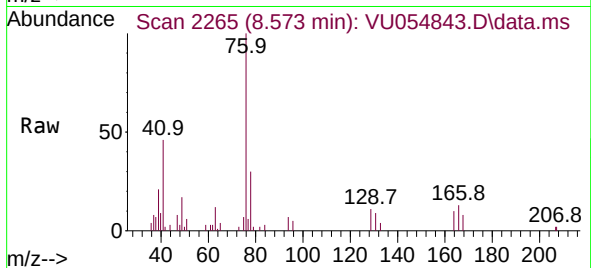
78 31.1 24.6 36.8

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Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#54

2-Hexanone

Concen: 9.040 ug/l

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU054843.D

Acq: 21 Jul 2023 17:44

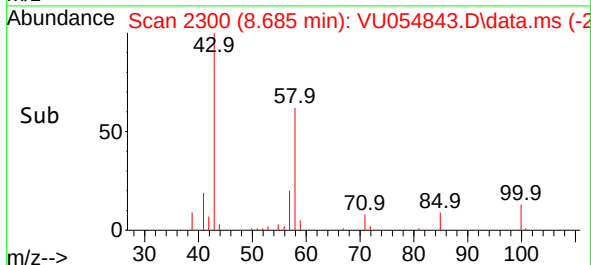
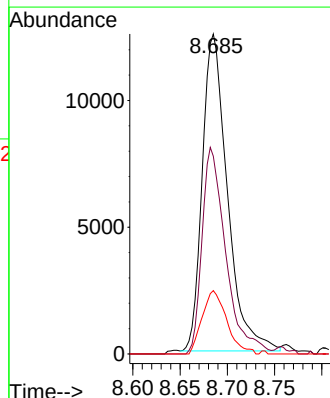
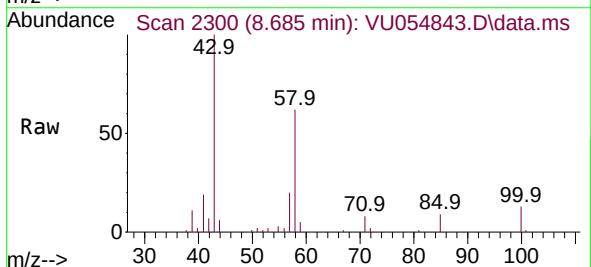
Tgt Ion: 43 Resp: 23129

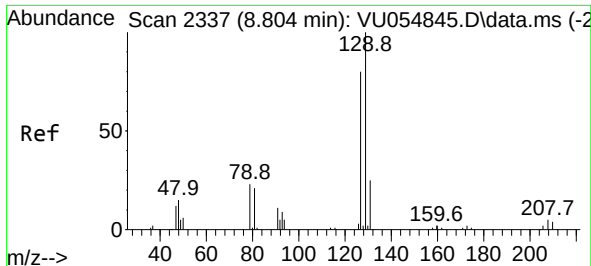
Ion Ratio Lower Upper

43 100

58 61.4 38.9 78.9

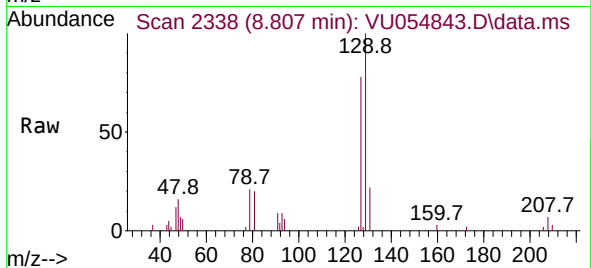
57 19.5 0.0 38.7





#55
Dibromochloromethane
Concen: 1.850 ug/l
RT: 8.807 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

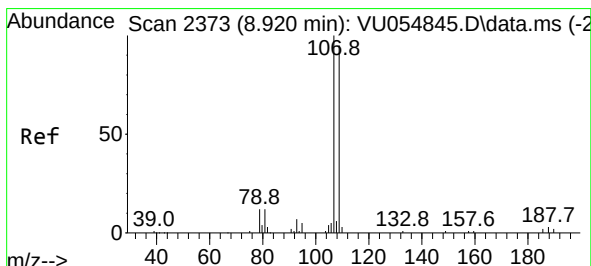
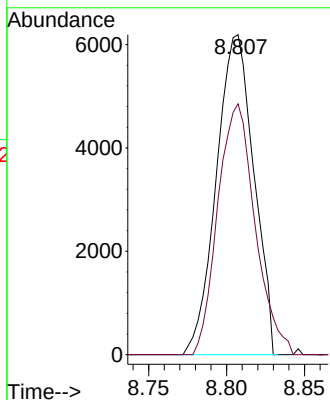
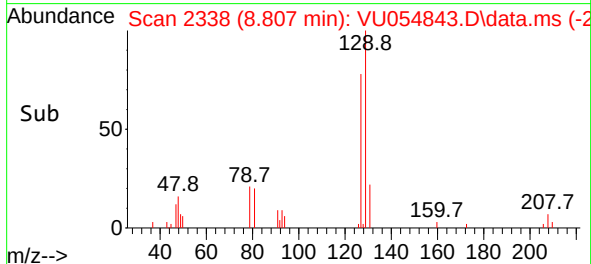
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



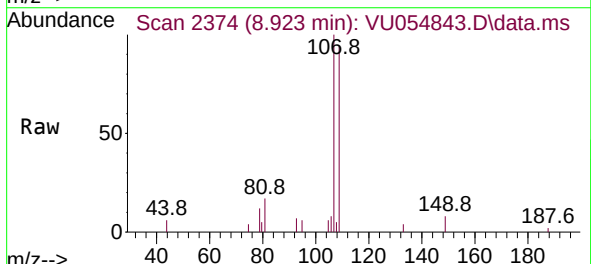
Tgt Ion:129 Resp: 1034
Ion Ratio Lower Upper
129 100
127 78.1 61.4 92.0

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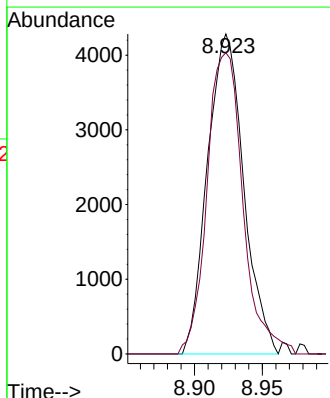
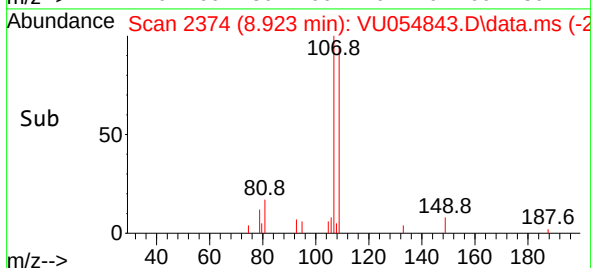
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

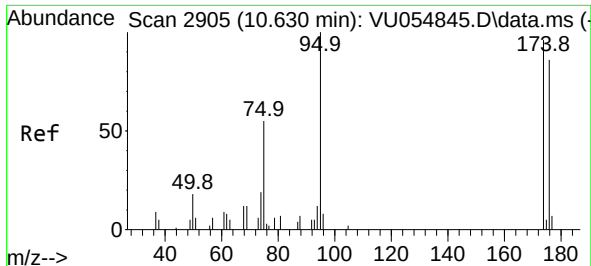


#56
1,2-Dibromoethane
Concen: 1.948 ug/l
RT: 8.923 min Scan# 2374
Delta R.T. 0.003 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44



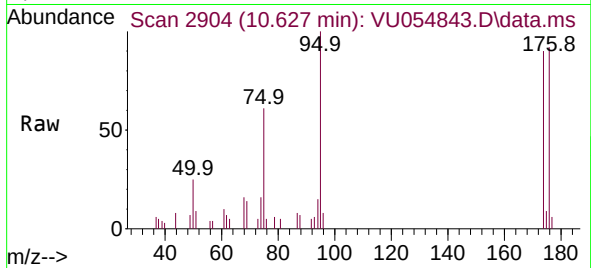
Tgt Ion:107 Resp: 7972
Ion Ratio Lower Upper
107 100
109 93.2 0.0 185.4





#57
4-Bromofluorobenzene
Concen: 0.977 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.003 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

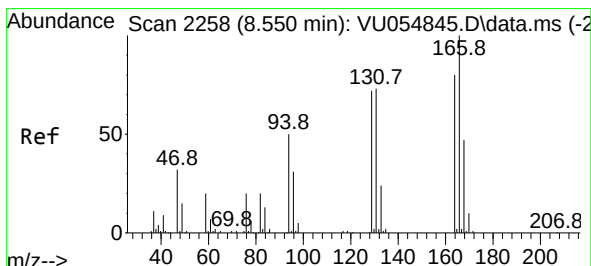
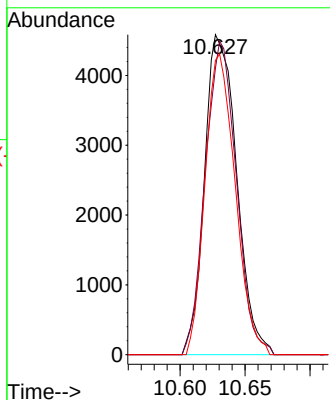
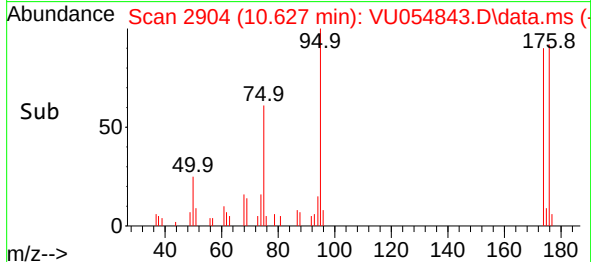
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 95 Resp: 7889
Ion Ratio Lower Upper
95 100
174 94.7 79.3 118.9
176 88.5 71.5 107.3

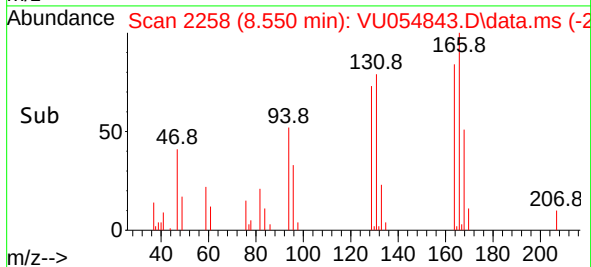
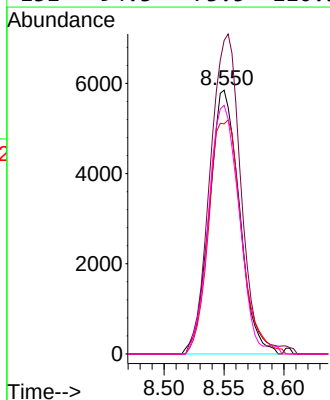
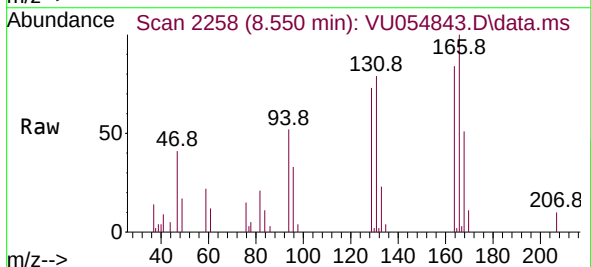
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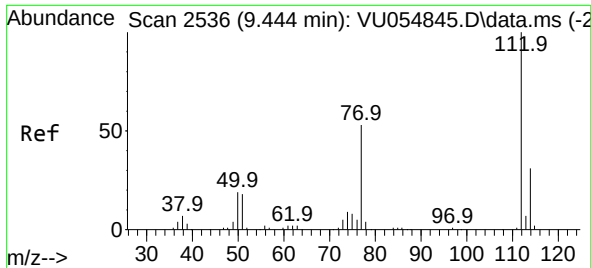
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#58
Tetrachloroethene
Concen: 1.875 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

Tgt Ion:164 Resp: 10198
Ion Ratio Lower Upper
164 100
166 118.8 100.4 150.6
129 87.2 71.9 107.9
131 94.3 73.5 110.3





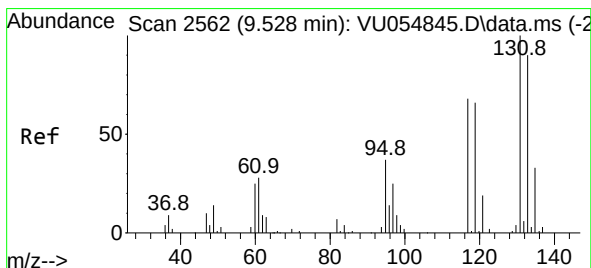
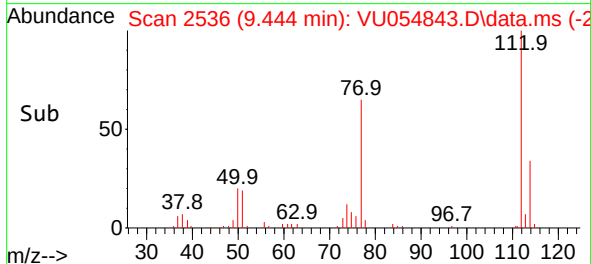
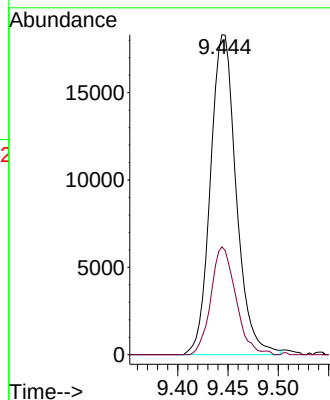
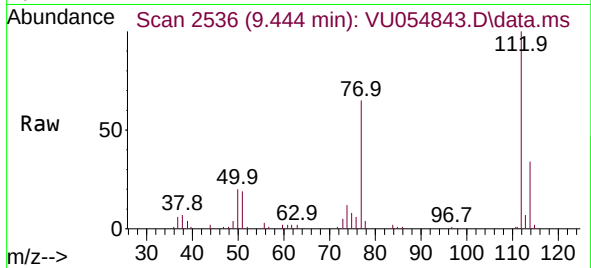
#59
Chlorobenzene
Concen: 1.861 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. -0.000 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:112 Resp: 3267
Ion Ratio Lower Upper
112 100
114 33.7 25.0 37.6

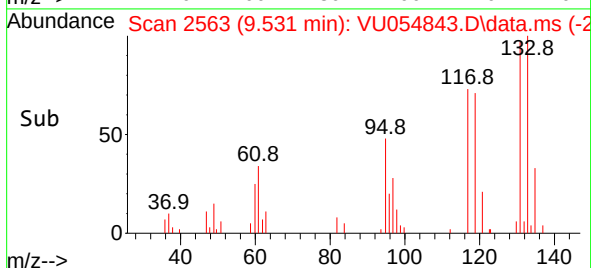
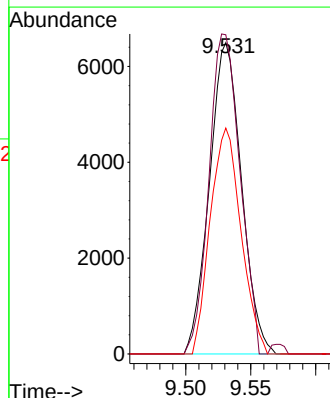
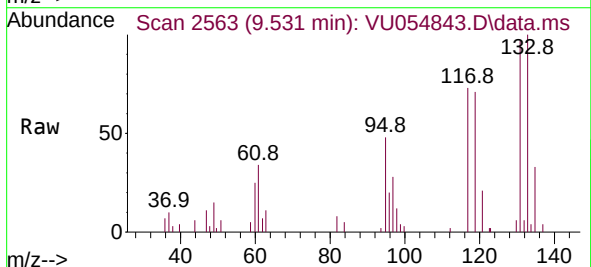
Manual Integrations
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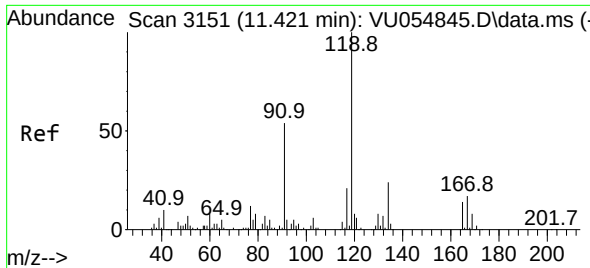
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 1.803 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. 0.003 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

Tgt Ion:131 Resp: 11180
Ion Ratio Lower Upper
131 100
133 99.2 74.2 111.4
119 69.4 51.0 76.4





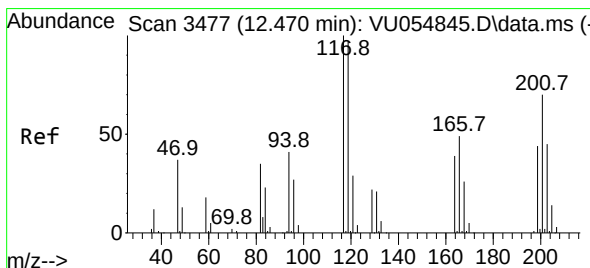
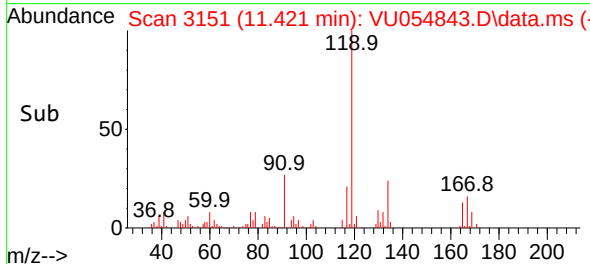
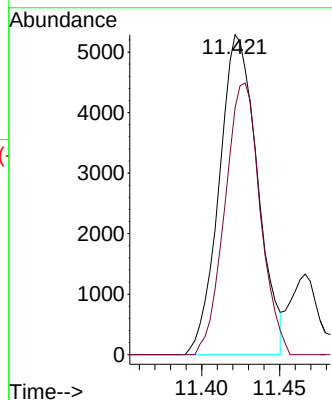
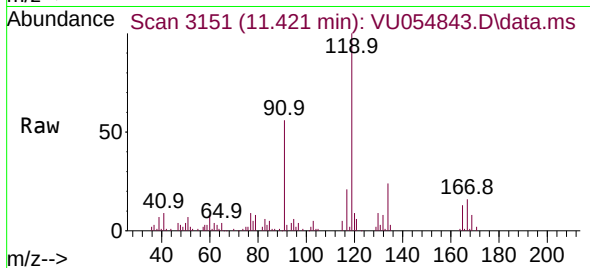
#61
Pentachloroethane
Concen: 1.849 ug/l
RT: 11.421 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:117 Resp: 902
Ion Ratio Lower Upper
117 100
167 78.5 65.3 97.9

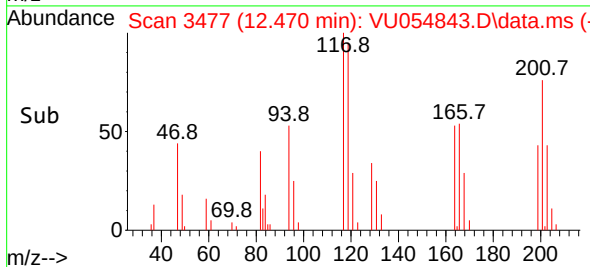
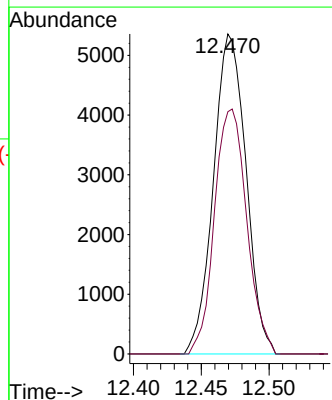
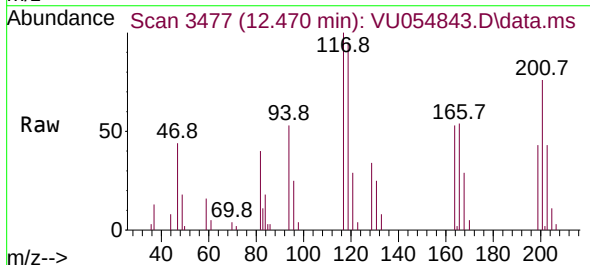
Manual Integrations
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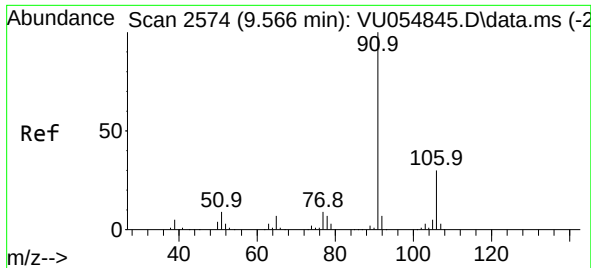
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#62
Hexachloroethane
Concen: 1.784 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. -0.000 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

Tgt Ion:117 Resp: 8944
Ion Ratio Lower Upper
117 100
201 76.0 56.1 84.1





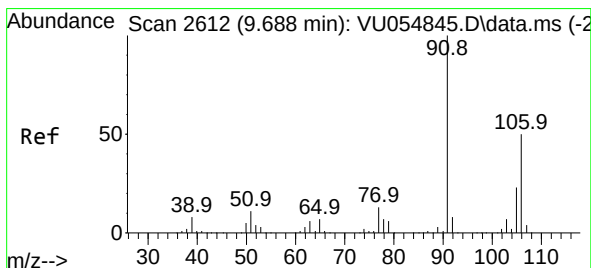
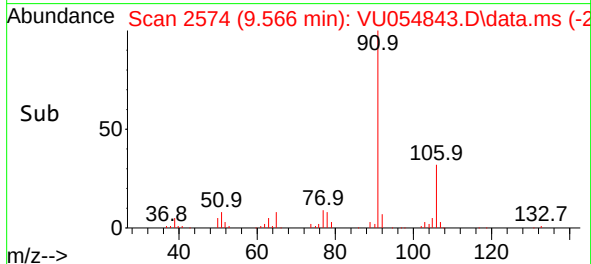
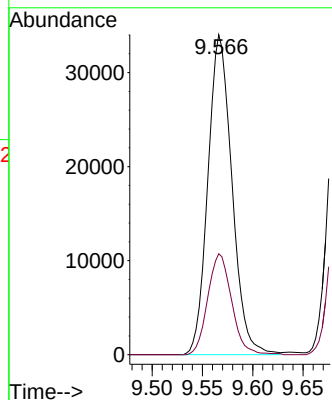
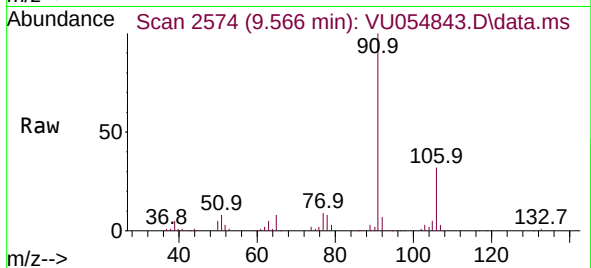
#63
Ethyl Benzene
Concen: 1.892 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

Instrument : MSVOA_U
ClientSampleId : VSTDIC002

Tgt Ion: 91 Resp: 56640
Ion Ratio Lower Upper
91 100
106 31.5 24.2 36.2

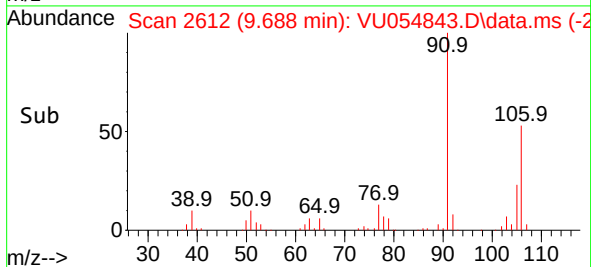
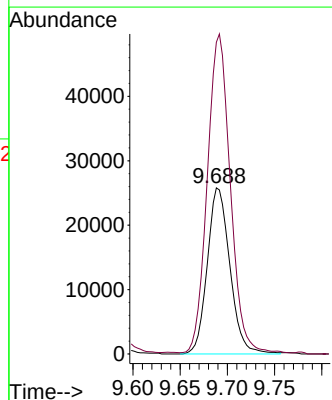
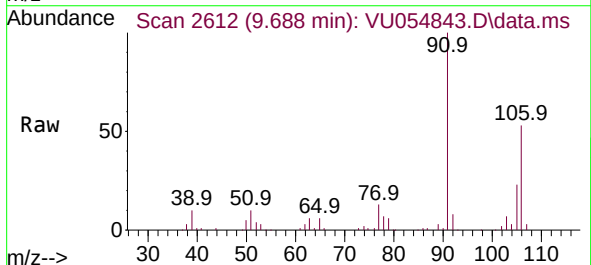
Manual Integrations
APPROVED

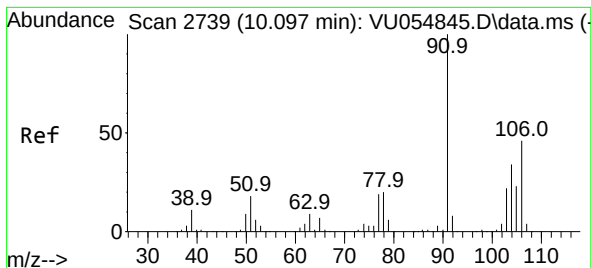
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#64
m/p-Xylenes
Concen: 3.795 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

Tgt Ion:106 Resp: 42962
Ion Ratio Lower Upper
106 100
91 194.6 158.8 238.2





#65

o-Xylene

Concen: 1.826 ug/l

RT: 10.097 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU054843.D

Acq: 21 Jul 2023 17:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion:106 Resp: 2081

Ion Ratio Lower Upper

106 100

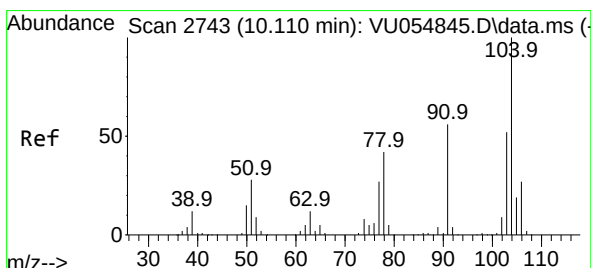
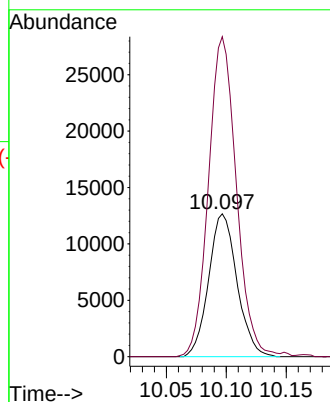
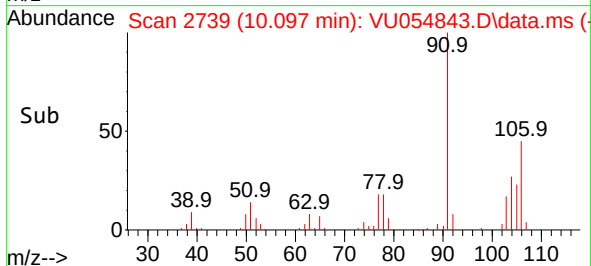
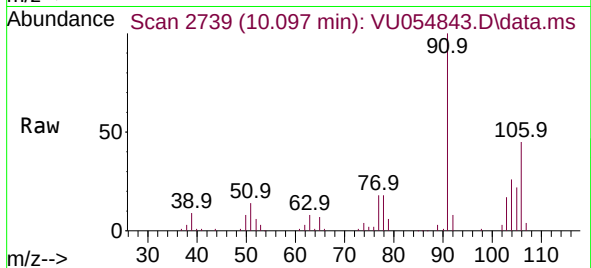
91 220.9 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#66

Styrene

Concen: 1.804 ug/l

RT: 10.113 min Scan# 2744

Delta R.T. 0.003 min

Lab File: VU054843.D

Acq: 21 Jul 2023 17:44

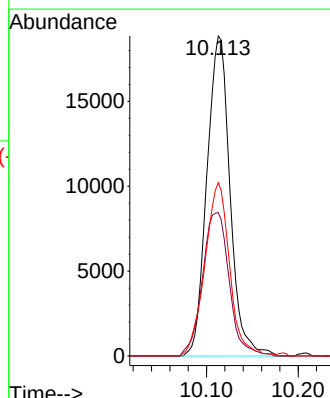
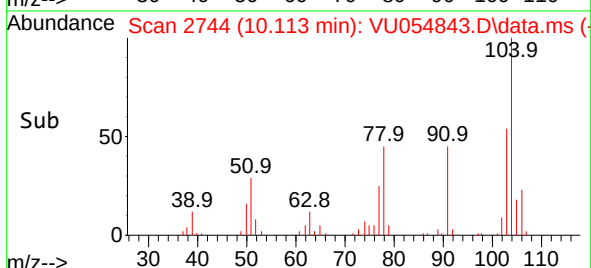
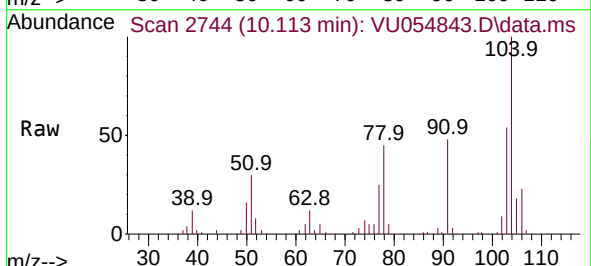
Tgt Ion:104 Resp: 33039

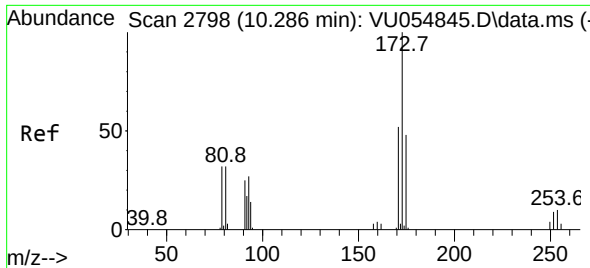
Ion Ratio Lower Upper

104 100

78 51.8 37.5 56.3

103 57.8 45.2 67.8





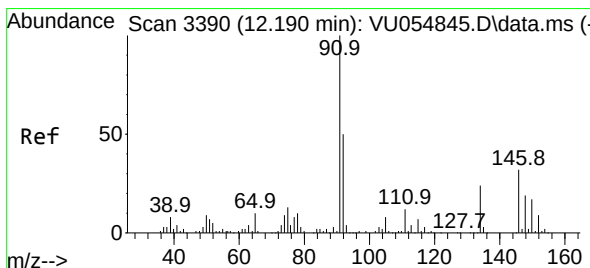
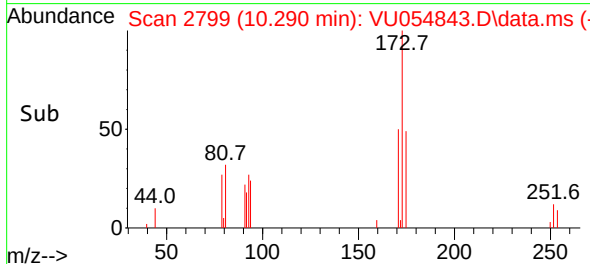
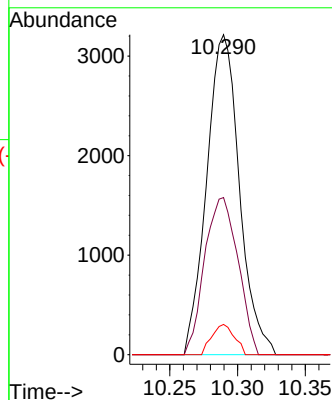
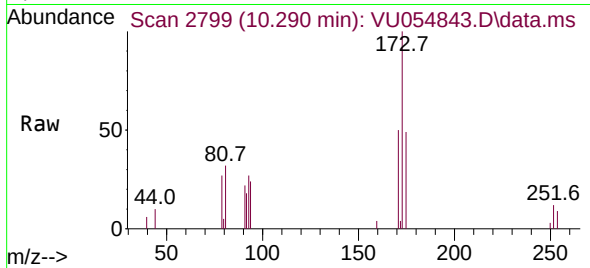
#67
Bromoform
Concen: 1.793 ug/l
RT: 10.290 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:173 Resp: 540
Ion Ratio Lower Upper
173 100
175 49.9 39.0 58.6
254 6.5 7.4 11.0

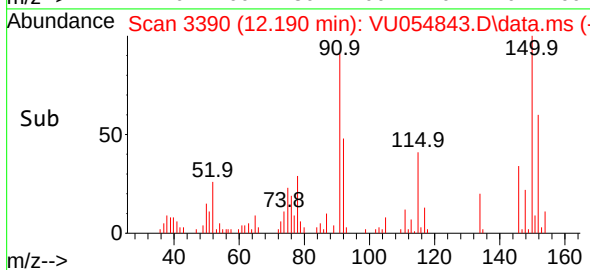
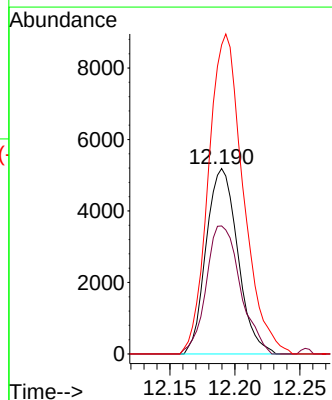
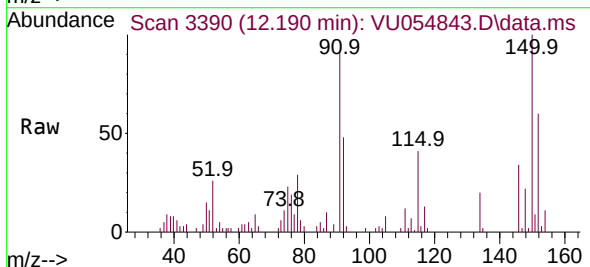
Manual Integrations
APPROVED

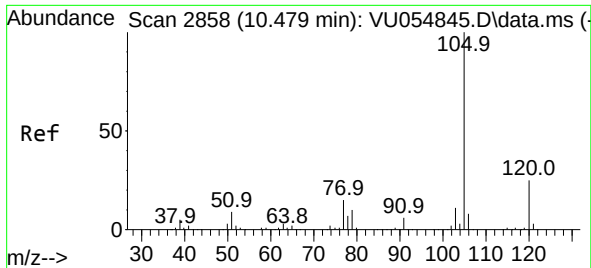
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#68
1,2-Dichlorobenzene-d4
Concen: 0.937 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. -0.000 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

Tgt Ion:152 Resp: 8759
Ion Ratio Lower Upper
152 100
115 74.8 0.0 234.8
150 189.9 0.0 598.2





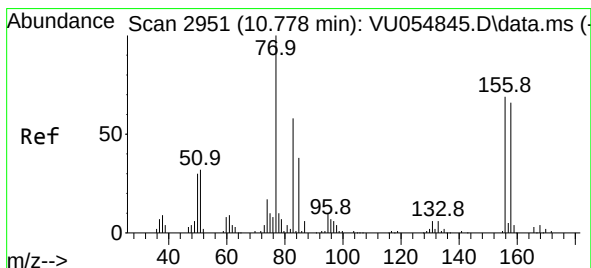
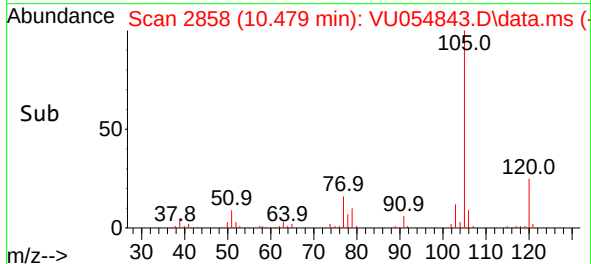
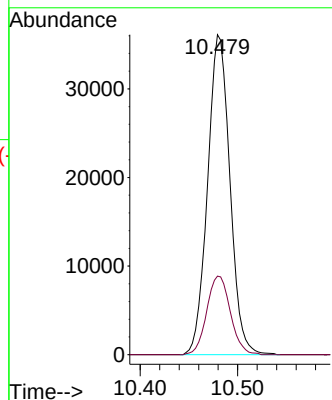
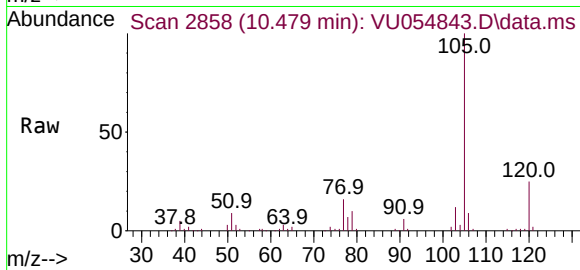
#69
Isopropylbenzene
Concen: 1.859 ug/l
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:105 Resp: 57510
Ion Ratio Lower Upper
105 100
120 26.0 12.6 37.6

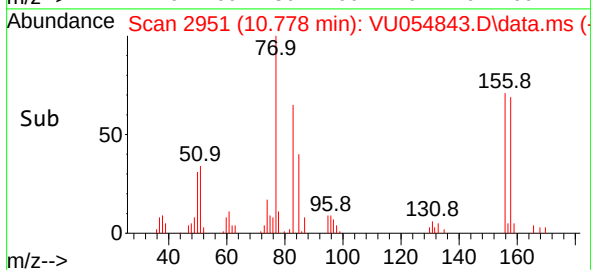
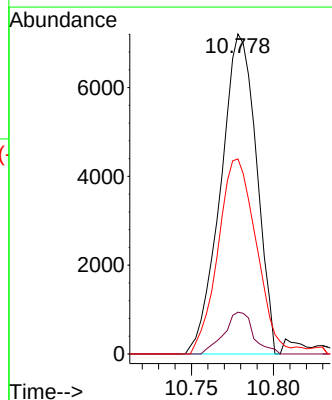
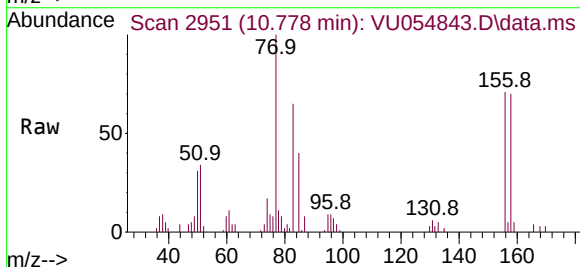
Manual Integrations
APPROVED

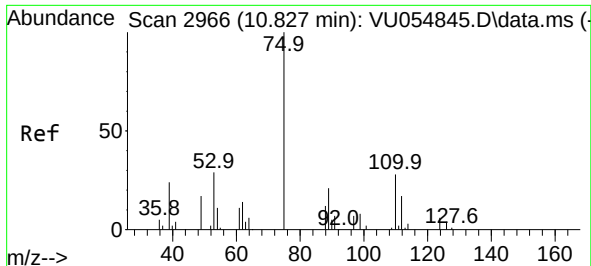
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 1.871 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

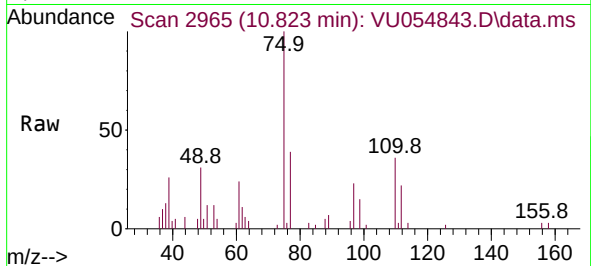
Tgt Ion: 83 Resp: 10912
Ion Ratio Lower Upper
83 100
131 10.7 7.5 11.3
85 65.8 53.0 79.6





#71
1,2,3-Trichloropropane
Concen: 1.929 ug/l m
RT: 10.823 min Scan# 2966
Delta R.T. -0.003 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

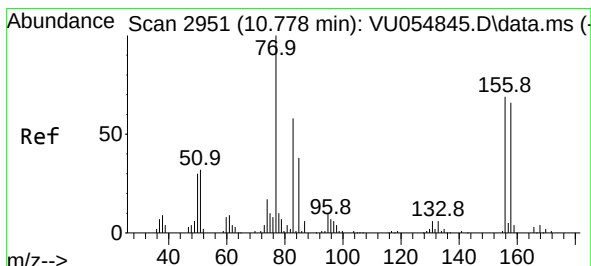
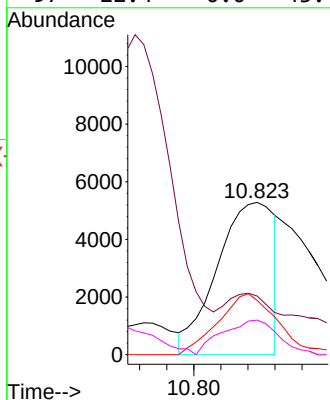
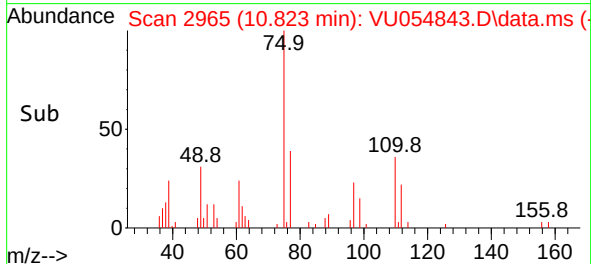
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



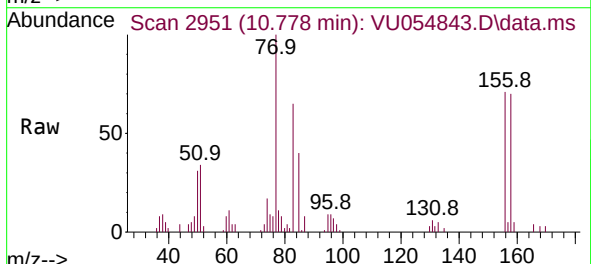
Tgt Ion: 75 Resp: 7732
Ion Ratio Lower Upper
75 100
77 58.9 0.0 0.0
110 41.4 0.0 80.8
97 22.4 0.0 43.4

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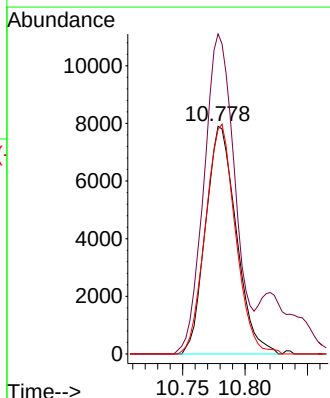
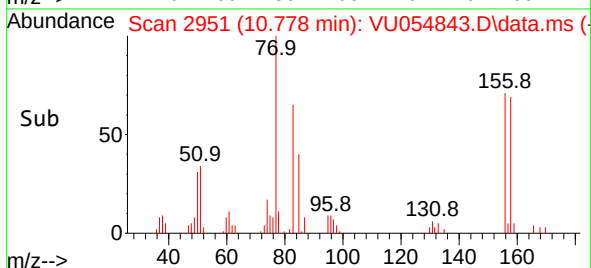
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

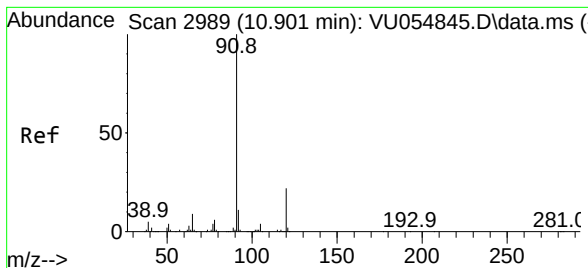


#72
Bromobenzene
Concen: 1.900 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44



Tgt Ion:156 Resp: 13559
Ion Ratio Lower Upper
156 100
77 140.8 0.0 293.2
158 98.7 0.0 189.8





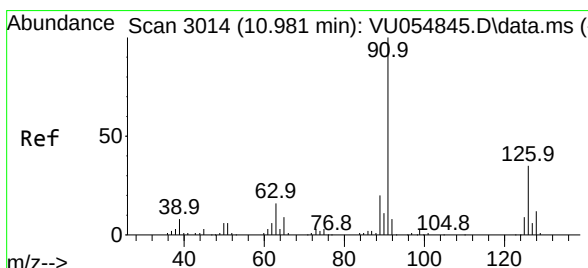
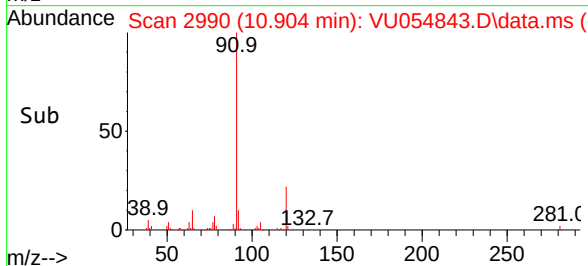
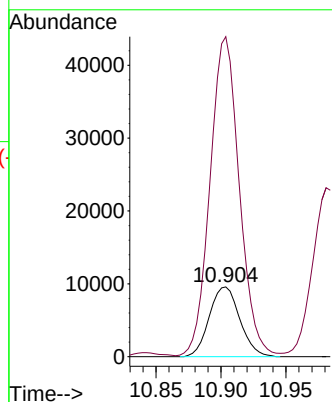
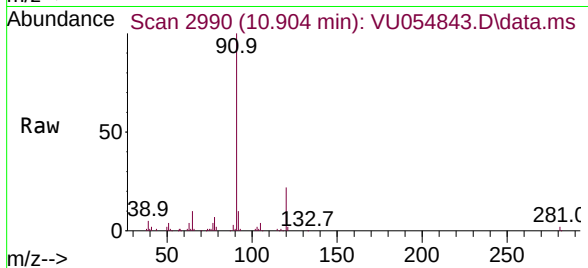
#73
n-propylbenzene
Concen: 1.880 ug/l
RT: 10.904 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:120 Resp: 15620
Ion Ratio Lower Upper
120 100
91 437.5 361.8 542.6

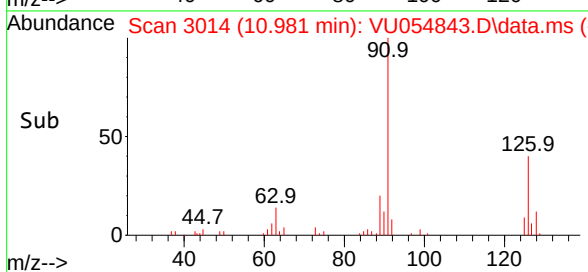
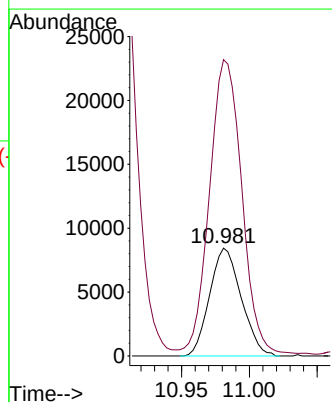
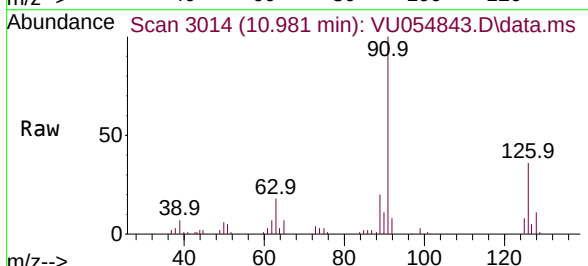
Manual Integrations
APPROVED

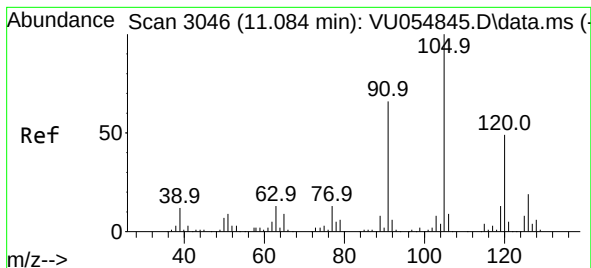
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#74
2-Chlorotoluene
Concen: 1.888 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. -0.000 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

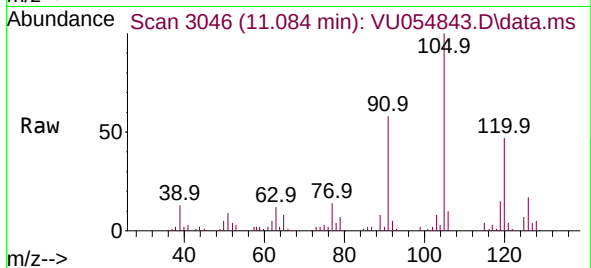
Tgt Ion:126 Resp: 13665
Ion Ratio Lower Upper
126 100
91 280.0 0.0 561.4





#75
1,3,5-Trimethylbenzene
Concen: 1.858 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

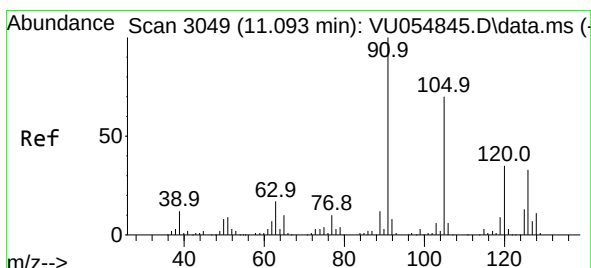
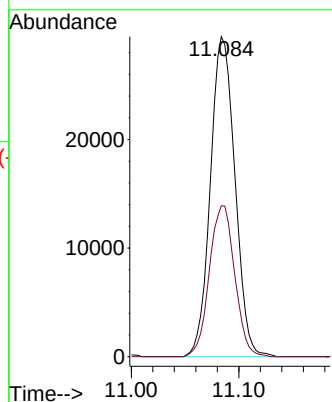
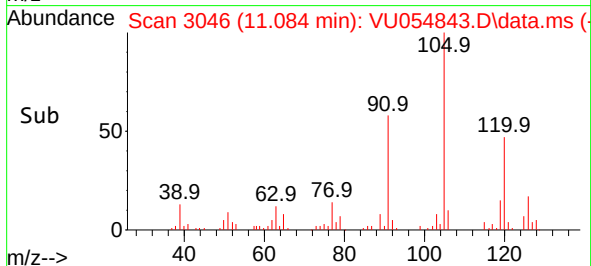
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



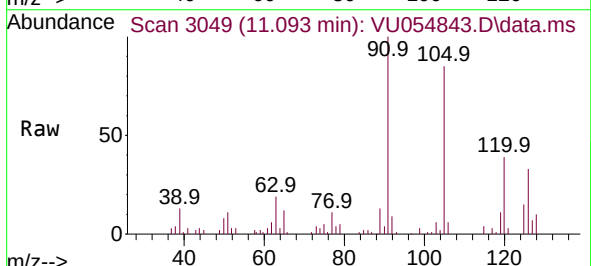
Tgt Ion:105 Resp: 4682
Ion Ratio Lower Upper
105 100
120 48.6 39.0 58.4

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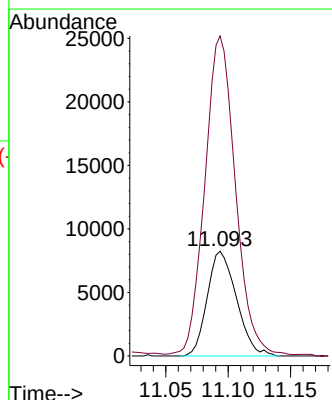
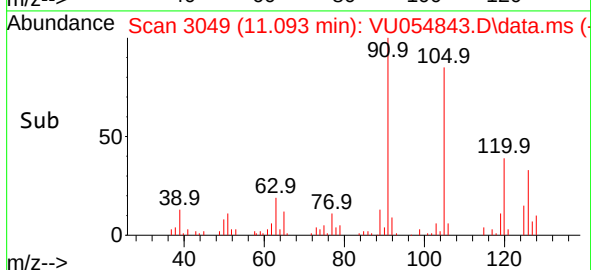
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

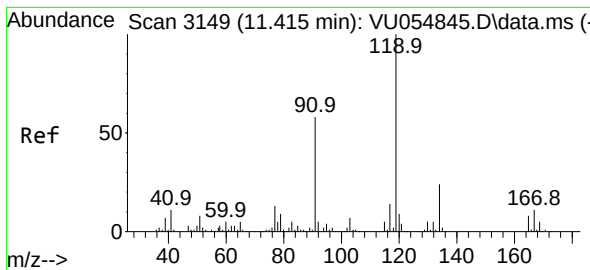


#76
4-Chlorotoluene
Concen: 1.809 ug/l
RT: 11.093 min Scan# 3049
Delta R.T. -0.000 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44



Tgt Ion:126 Resp: 13458
Ion Ratio Lower Upper
126 100
91 315.7 0.0 623.4





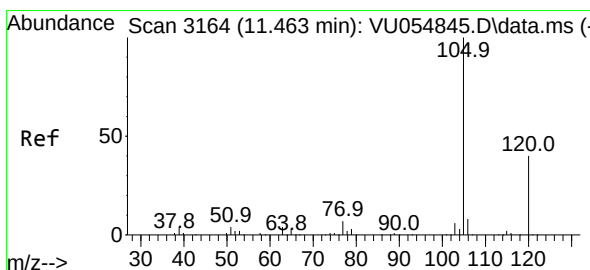
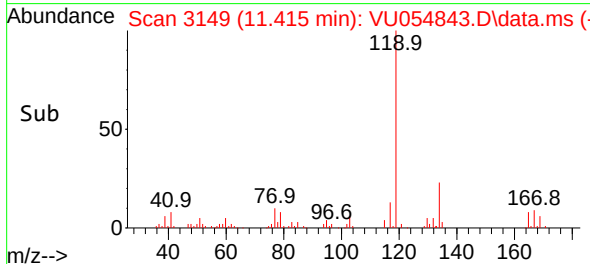
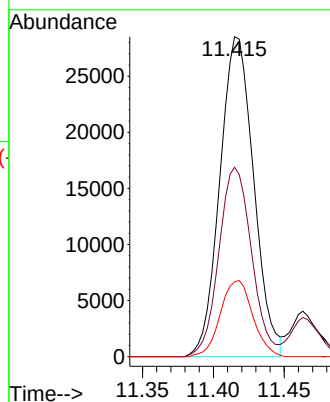
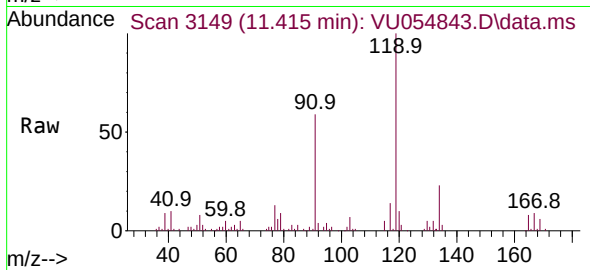
#77
tert-Butylbenzene
Concen: 1.829 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:119 Resp: 47476
Ion Ratio Lower Upper
119 100
91 57.5 27.7 83.1
134 22.8 18.6 27.8

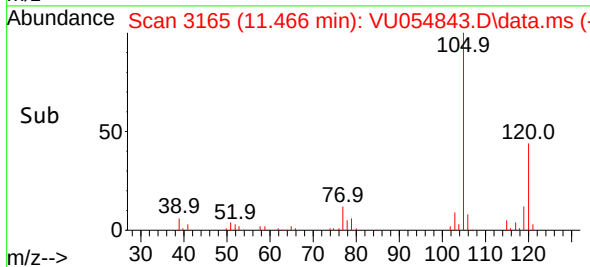
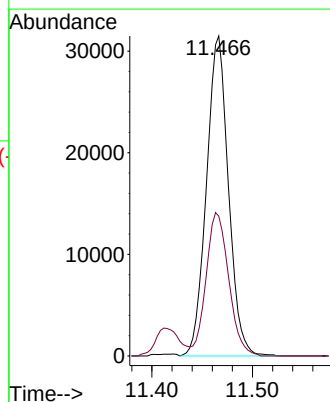
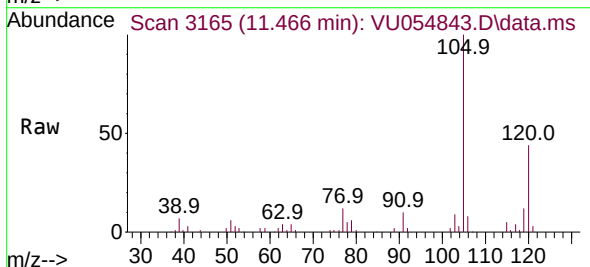
Manual Integrations
APPROVED

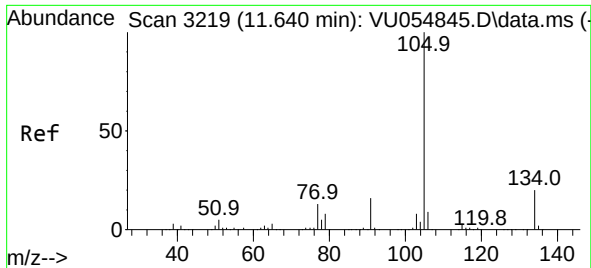
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#78
1,2,4-Trimethylbenzene
Concen: 1.886 ug/l
RT: 11.466 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

Tgt Ion:105 Resp: 47786
Ion Ratio Lower Upper
105 100
120 46.3 22.4 67.3





#79
 sec-Butylbenzene
 Concen: 1.870 ug/l
 RT: 11.640 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU054843.D
 Acq: 21 Jul 2023 17:44

Instrument :

MSVOA_U

ClientSampleId :

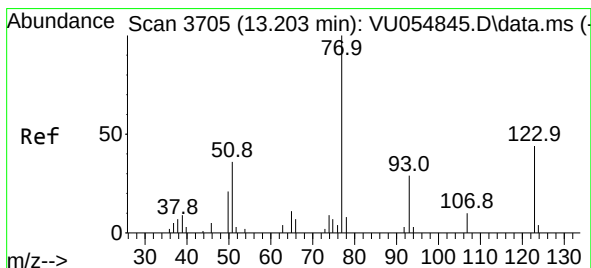
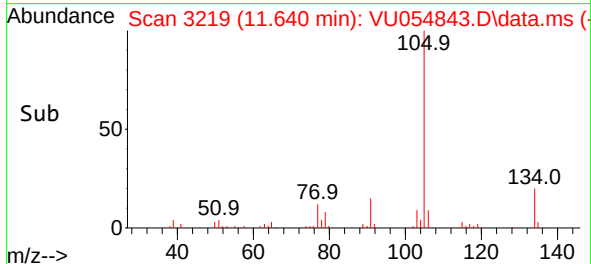
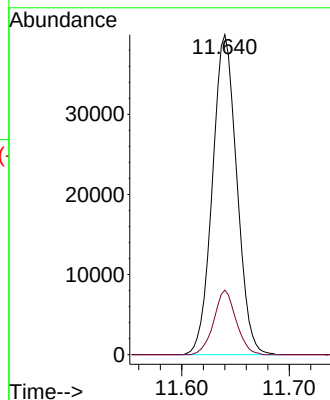
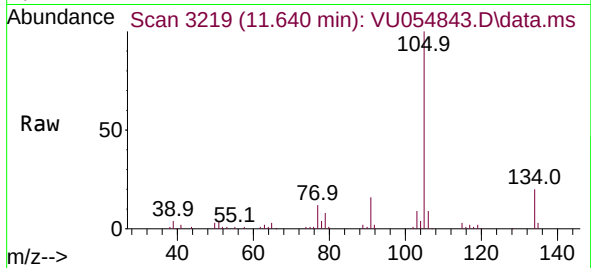
VSTDICC002

Tgt Ion:105 Resp: 6296
 Ion Ratio Lower Upper
 105 100
 134 18.4 15.7 23.5

Manual Integrations

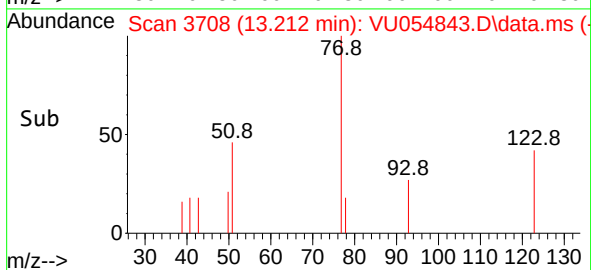
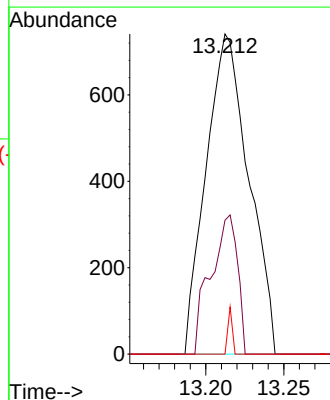
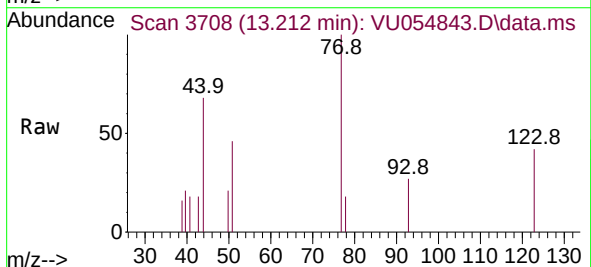
APPROVED

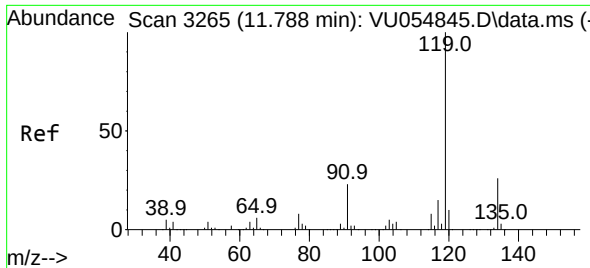
Reviewed By :Semsettin Yesilyurt 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#80
 Nitrobenzene
 Concen: 9.302 ug/l
 RT: 13.212 min Scan# 3708
 Delta R.T. 0.009 min
 Lab File: VU054843.D
 Acq: 21 Jul 2023 17:44

Tgt Ion: 77 Resp: 1411
 Ion Ratio Lower Upper
 77 100
 123 27.3 20.2 71.8
 65 1.5 11.7 14.9#





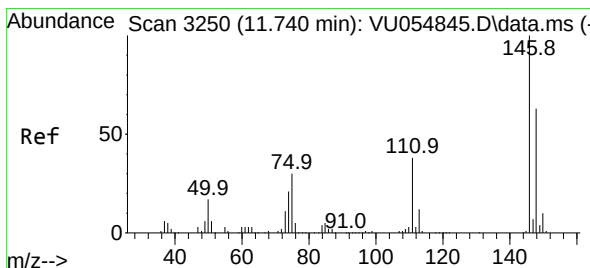
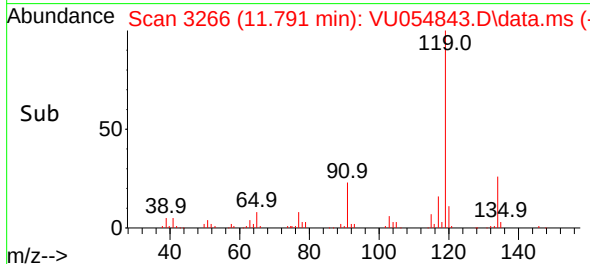
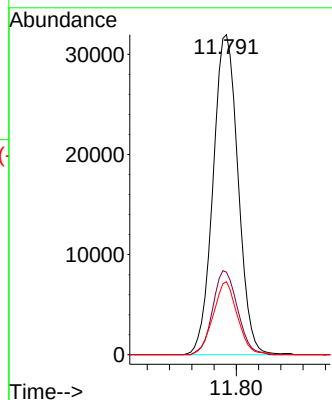
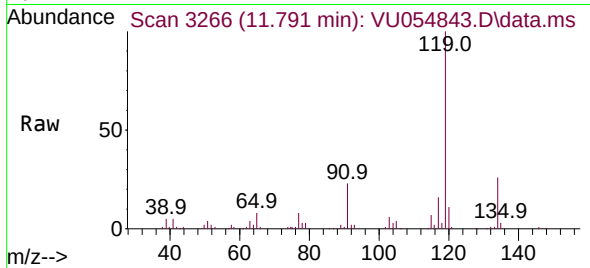
#81
p-Isopropyltoluene
Concen: 1.818 ug/l
RT: 11.791 min Scan# 3266
Delta R.T. 0.003 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:119 Resp: 4987
Ion Ratio Lower Upper
119 100
134 26.0 20.6 31.0
91 22.1 18.2 27.4

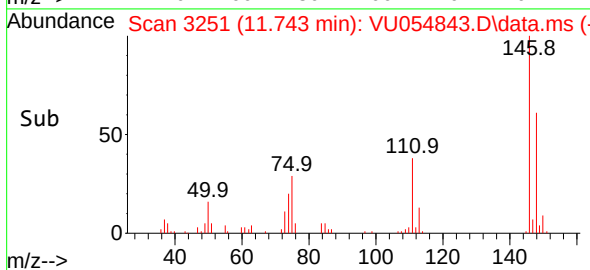
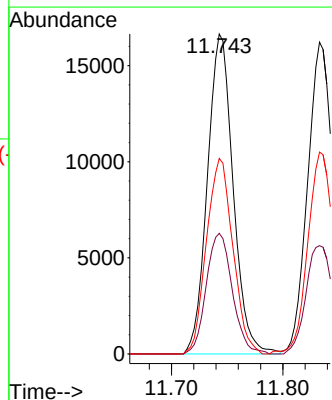
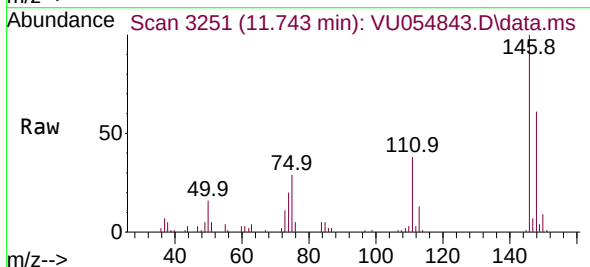
Manual Integrations
APPROVED

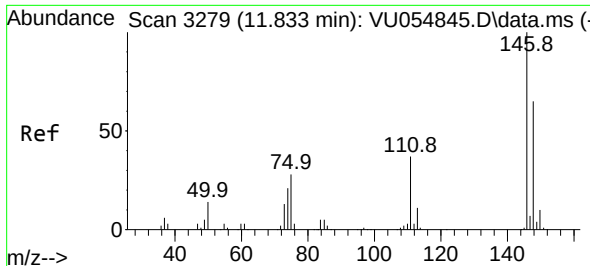
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#82
1,3-Dichlorobenzene
Concen: 1.870 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.003 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

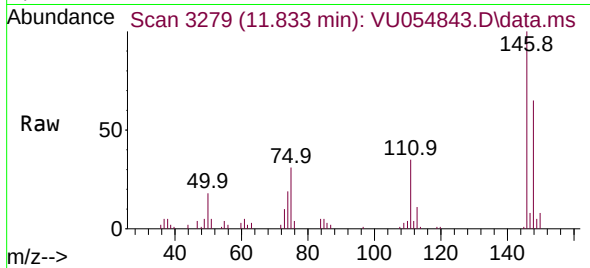
Tgt Ion:146 Resp: 26713
Ion Ratio Lower Upper
146 100
111 38.2 30.5 45.7
148 62.7 51.0 76.6





#83
1,4-Dichlorobenzene
Concen: 1.855 ug/l
RT: 11.833 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

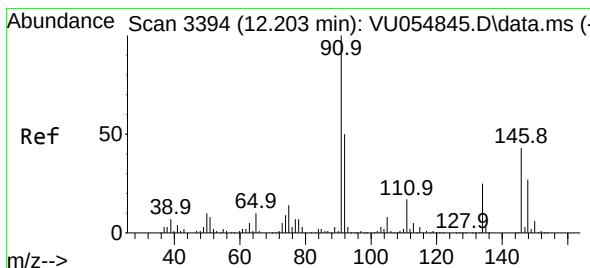
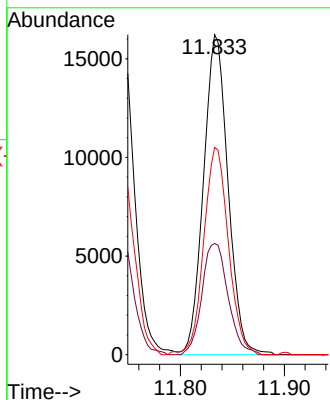
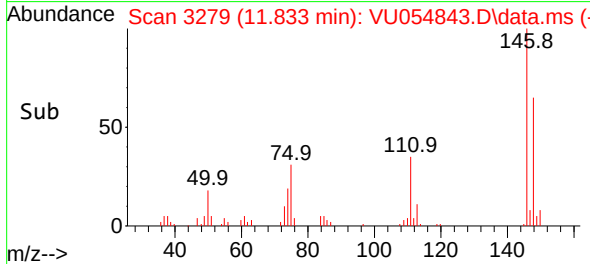
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



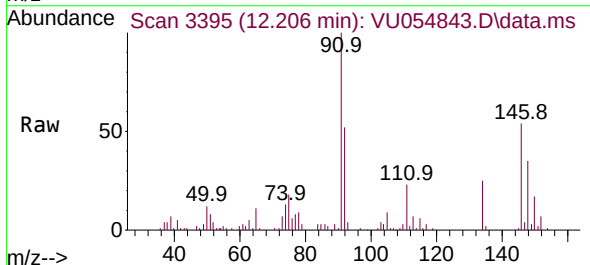
Tgt Ion:146 Resp: 2658
Ion Ratio Lower Upper
146 100
111 37.0 29.5 44.3
148 65.2 51.2 76.8

Manual Integrations
APPROVED

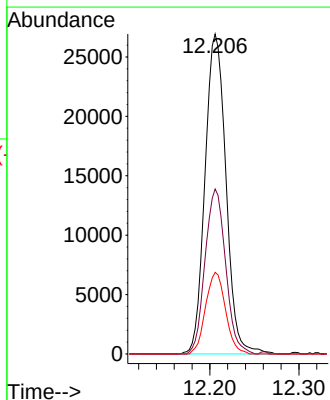
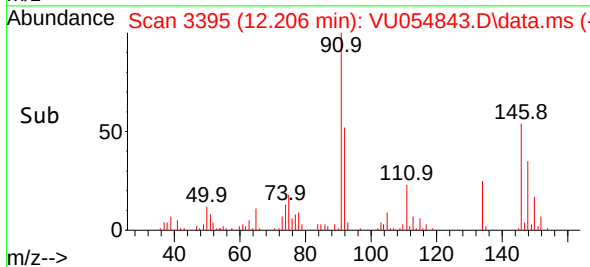
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

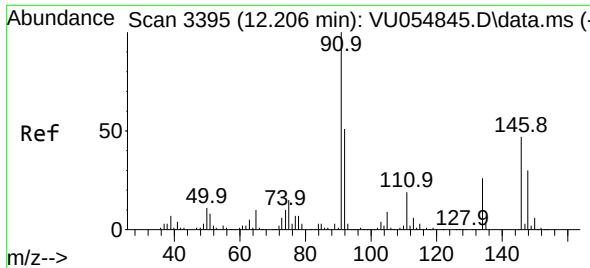


#84
n-Butylbenzene
Concen: 1.741 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44



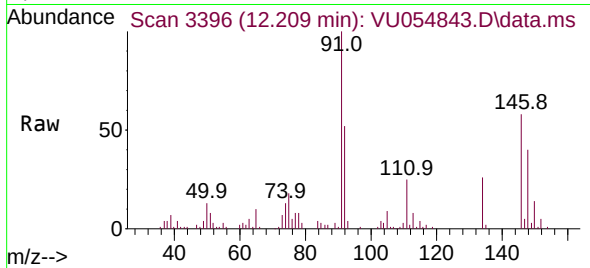
Tgt Ion: 91 Resp: 43948
Ion Ratio Lower Upper
91 100
92 50.6 39.8 59.8
134 24.3 20.2 30.4





#85
1,2-Dichlorobenzene
Concen: 1.857 ug/l
RT: 12.209 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

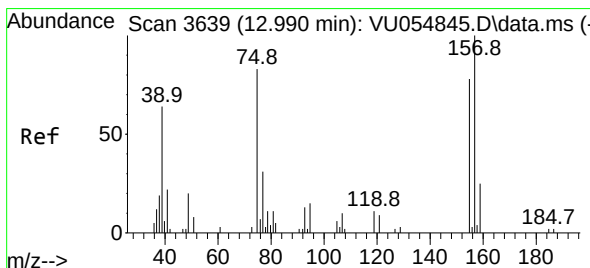
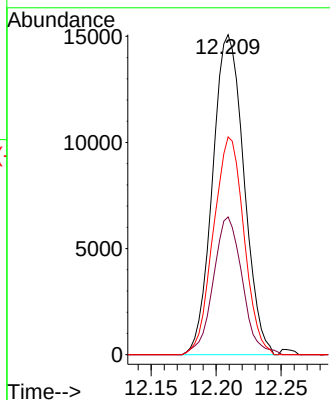
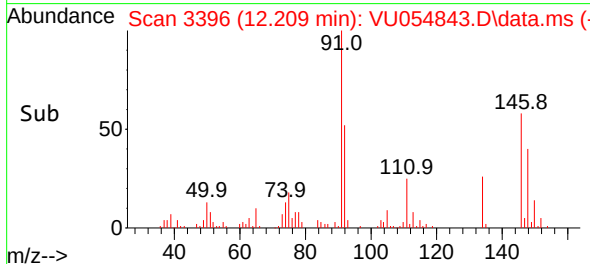
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



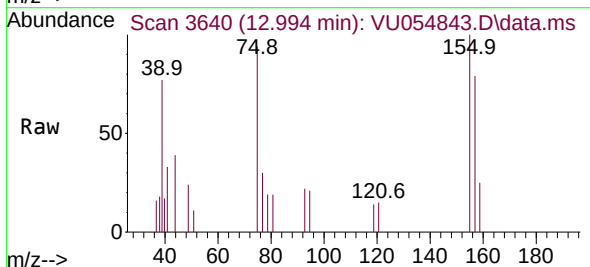
Tgt Ion:146 Resp: 2527
Ion Ratio Lower Upper
146 100
111 39.8 19.8 59.4
148 66.5 31.8 95.3

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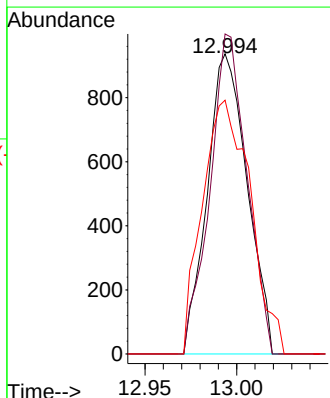
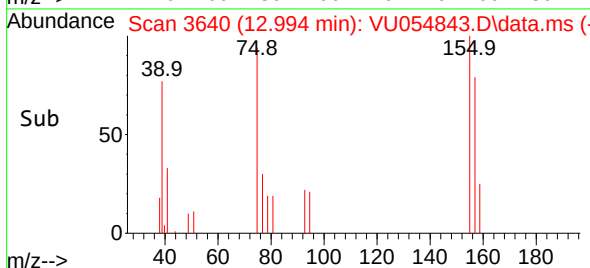
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

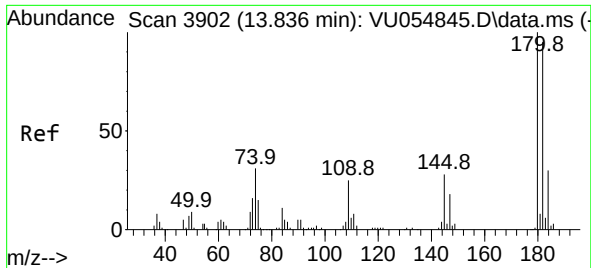


#86
1,2-Dibromo-3-Chloropropane
Concen: 1.971 ug/l
RT: 12.994 min Scan# 3640
Delta R.T. 0.004 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44



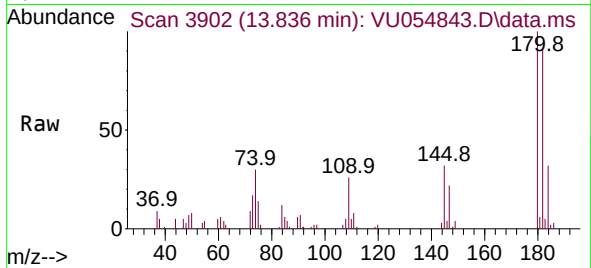
Tgt Ion: 75 Resp: 1419
Ion Ratio Lower Upper
75 100
155 98.8 74.8 112.2
157 101.4 97.4 146.0





#87
1,2,4-Trichlorobenzene
Concen: 1.809 ug/l
RT: 13.836 min Scan# 3902
Delta R.T. -0.000 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

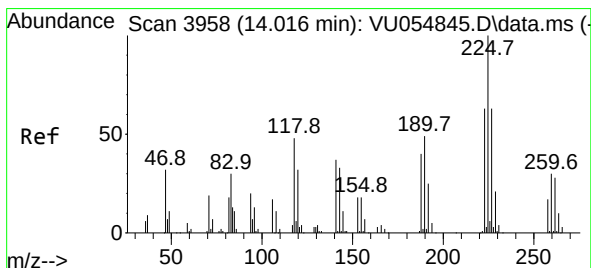
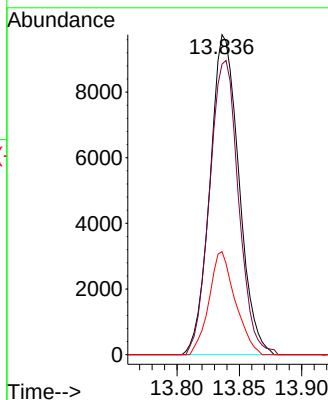
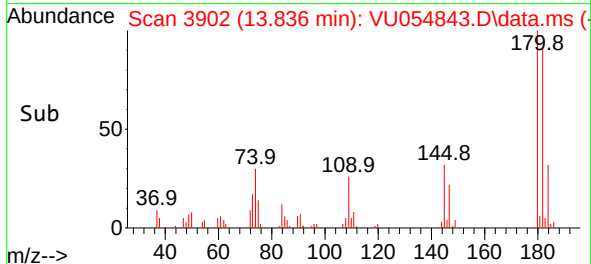
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



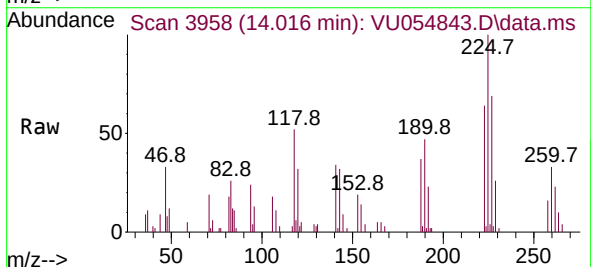
Tgt Ion:180 Resp: 1578
Ion Ratio Lower Upper
180 100
182 91.6 77.0 115.6
145 29.1 23.4 35.0

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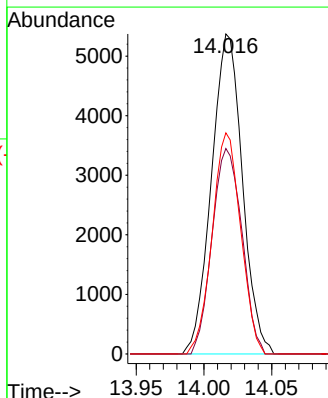
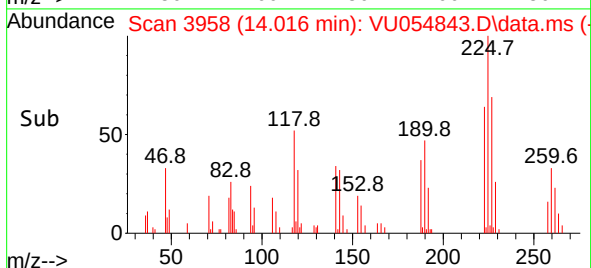
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

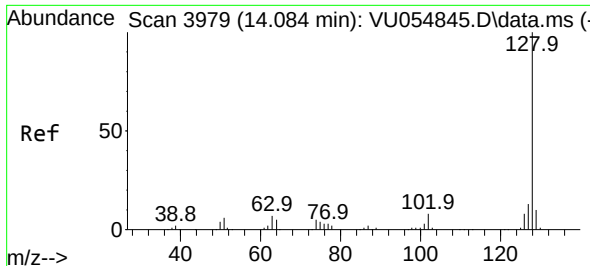


#88
Hexachlorobutadiene
Concen: 1.827 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. -0.000 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44



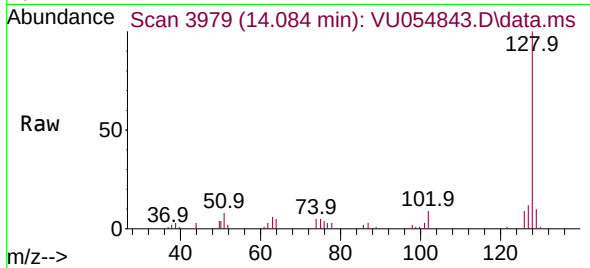
Tgt Ion:225 Resp: 8515
Ion Ratio Lower Upper
225 100
223 61.8 50.6 76.0
227 63.7 50.7 76.1





#89
Naphthalene
Concen: 1.642 ug/l
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44

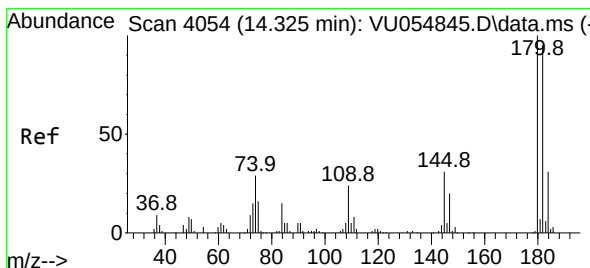
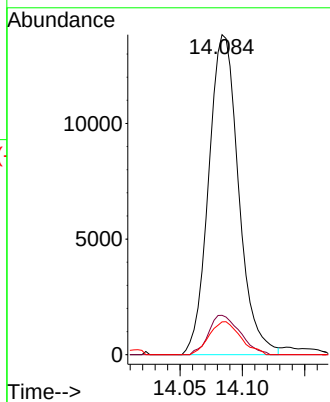
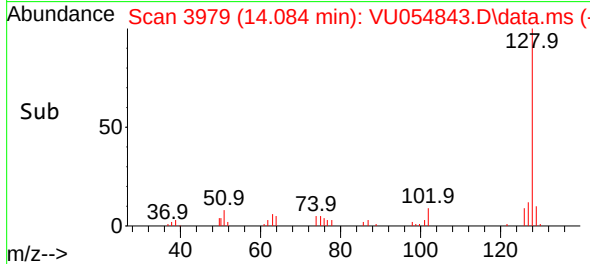
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



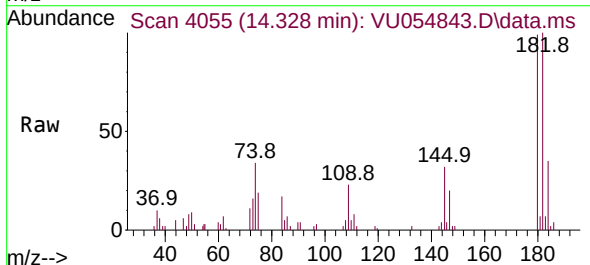
Tgt Ion:128 Resp: 23164
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.7 8.7 13.1

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



#90
1,2,3-Trichlorobenzene
Concen: 1.703 ug/l
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU054843.D
Acq: 21 Jul 2023 17:44



Tgt Ion:180 Resp: 12841
Ion Ratio Lower Upper
180 100
182 99.9 76.0 114.0
145 30.7 24.3 36.5

