

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072223\
 Data File : VU054842.D
 Acq On : 21 Jul 2023 17:20
 Operator : MD/SY
 Sample : VSTDICC001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC001

Quant Time: Jul 24 09:24:57 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Fluorobenzene	6.113	96	27220	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	8022	0.976	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	9137	0.960	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	5441	1.005	ug/l	96
3) Chloromethane	1.518	50	6587	1.047	ug/l	98
4) Vinyl Chloride	1.602	62	8197	1.015	ug/l	96
5) Bromomethane	1.856	94	5640	0.984	ug/l	86
6) Chloroethane	1.933	64	7734	1.014	ug/l	99
7) Trichlorofluoromethane	2.133	101	18003	0.920	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	5474	0.976	ug/l	97
9) 1,1-Dichloroethene	2.576	96	4649	0.993	ug/l	89
10) Iodomethane	2.718	142	7063	0.936	ug/l	99
11) Allyl Chloride	2.920	41	5442	0.991	ug/l	95
12) Acrylonitrile	3.338	53	2140m	1.908	ug/l	
13) Acetone	2.653	43	5044	5.104	ug/l	93
14) Carbon Disulfide	2.789	76	7584	0.961	ug/l	100
15) Methylene Chloride	3.039	84	8980	0.761	ug/l	95
16) trans-1,2-Dichloroethene	3.351	96	5600	1.076	ug/l	95
17) 1,1-Dichloroethane	3.869	63	10576	0.960	ug/l #	93
18) 2-Butanone	4.727	43	7119m	5.082	ug/l	
19) Cyclohexane	5.390	56	6496	0.902	ug/l	98
20) Methylcyclohexane	6.756	83	8320	0.983	ug/l	99
21) 2,2-Dichloropropane	4.660	77	9078	0.945	ug/l	94
22) cis-1,2-Dichloroethene	4.666	96	6681	1.014	ug/l	99
23) Diethyl Ether	2.377	59	7414	1.031	ug/l	97
24) tert-Butyl Alcohol	3.248	59	5413m	8.075	ug/l	
25) Methyl tert-Butyl Ether	3.364	73	13360	0.935	ug/l	96
26) Bromochloromethane	4.969	128	2464	0.981	ug/l	94
27) Chloroform	5.081	83	11869	0.981	ug/l	96
28) 1,1,1-Trichloroethane	5.316	97	9971	0.981	ug/l	98
29) 1,1-Dichloropropene	5.525	75	7002	0.968	ug/l	99
30) Carbon Tetrachloride	5.518	117	7893	0.934	ug/l #	93
31) Isopropyl Ether	3.994	45	15830	0.971	ug/l	95
32) Ethyl-t-butyl ether	4.499	59	16569	0.990	ug/l	98
33) Tert-Amyl methyl ether	5.940	73	15350	0.974	ug/l #	93
34) Propionitrile	4.821	54	1600m	3.482	ug/l	
35) Benzene	5.772	78	21723	0.924	ug/l	95
36) 1,2-Dichloroethane	5.795	62	6546	0.969	ug/l #	86
37) Trichloroethene	6.541	130	6221	0.979	ug/l	88
38) 1,2-Dichloropropane	6.792	63	6516	0.960	ug/l	91
39) Methacrylonitrile	4.988	41	1437m	0.858	ug/l	
40) Methyl acrylate	4.875	55	2419m	0.849	ug/l	
41) Tetrahydrofuran	5.078	42	1585	1.626	ug/l #	50
42) 1-Chlorobutane	5.451	56	9903	1.012	ug/l	93
43) Dibromomethane	6.917	93	2872	0.910	ug/l #	82
44) Bromodichloromethane	7.103	83	8332	0.964	ug/l #	95

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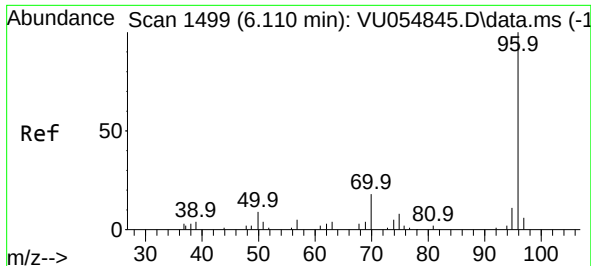
Manual Integrations
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 Supervised By :Mahesh Dadoda 07/31/2023

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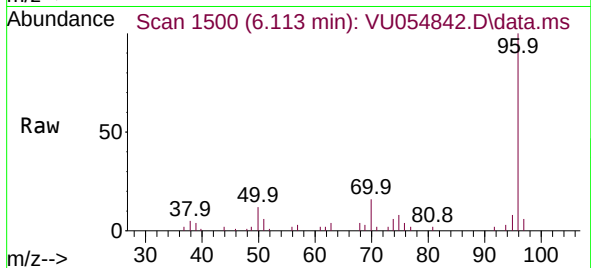
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.792	43	18609	4.982	ug/l	97
46) t-1,4-Dichloro-2-butene	10.840	75	2934m	1.868	ug/l	
47) Methyl methacrylate	6.968	69	5782	1.950	ug/l	92
48) Ethyl methacrylate	8.332	69	5885	0.977	ug/l	98
49) Toluene	7.965	92	14759	0.984	ug/l	97
50) t-1,3-Dichloropropene	8.210	75	6972	0.910	ug/l #	87
51) cis-1,3-Dichloropropene	7.605	75	8270	0.887	ug/l	96
52) 1,1,2-Trichloroethane	8.396	97	4365	0.917	ug/l	93
53) 1,3-Dichloropropane	8.573	76	7350	0.916	ug/l	92
54) 2-Hexanone	8.685	43	12119	4.654	ug/l	97
55) Dibromochloromethane	8.808	129	5829	1.024	ug/l	92
56) 1,2-Dibromoethane	8.920	107	3994	0.959	ug/l	97
58) Tetrachloroethene	8.550	164	5338	0.964	ug/l	95
59) Chlorobenzene	9.444	112	17165	0.960	ug/l	95
60) 1,1,1,2-Tetrachloroethane	9.528	131	6265	0.993	ug/l	99
61) Pentachloroethane	11.425	117	4620	0.930	ug/l	91
62) Hexachloroethane	12.470	117	4717	0.924	ug/l	97
63) Ethyl Benzene	9.566	91	28637	0.940	ug/l	98
64) m/p-Xylenes	9.692	106	22066	1.915	ug/l	97
65) o-Xylene	10.097	106	11268	0.971	ug/l	91
66) Styrene	10.113	104	16890	0.906	ug/l	96
67) Bromoform	10.290	173	2821	0.920	ug/l #	97
69) Isopropylbenzene	10.483	105	30097	0.956	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.779	83	5569	0.938	ug/l #	98
71) 1,2,3-Trichloropropane	10.820	75	3787m	0.928	ug/l	
72) Bromobenzene	10.782	156	6923	0.953	ug/l	97
73) n-propylbenzene	10.904	120	7868	0.930	ug/l	98
74) 2-Chlorotoluene	10.984	126	6963	0.945	ug/l	99
75) 1,3,5-Trimethylbenzene	11.084	105	24285	0.947	ug/l	97
76) 4-Chlorotoluene	11.097	126	7574	1.000	ug/l	92
77) tert-Butylbenzene	11.418	119	24662	0.934	ug/l	98
78) 1,2,4-Trimethylbenzene	11.467	105	23102	0.896	ug/l	99
79) sec-Butylbenzene	11.640	105	31861	0.930	ug/l	98
80) Nitrobenzene	13.216	77	867	6.832	ug/l #	56
81) p-Isopropyltoluene	11.791	119	25222	0.903	ug/l	99
82) 1,3-Dichlorobenzene	11.743	146	13759	0.946	ug/l	96
83) 1,4-Dichlorobenzene	11.833	146	13639	0.935	ug/l	98
84) n-Butylbenzene	12.206	91	22151	0.862	ug/l	96
85) 1,2-Dichlorobenzene	12.209	146	13159	0.950	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	12.994	75	648	0.972	ug/l	89
87) 1,2,4-Trichlorobenzene	13.840	180	8178	0.921	ug/l	93
88) Hexachlorobutadiene	14.016	225	4421	0.932	ug/l	98
89) Naphthalene	14.087	128	12321	0.858	ug/l	98
90) 1,2,3-Trichlorobenzene	14.328	180	6721	0.876	ug/l	97

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1499
Delta R.T. 0.003 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

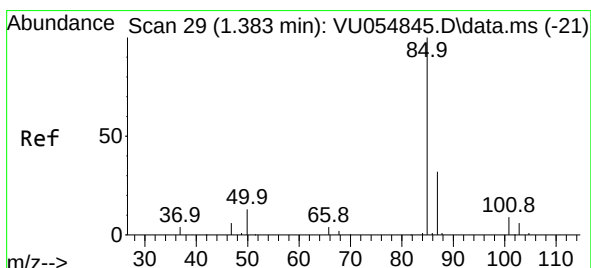
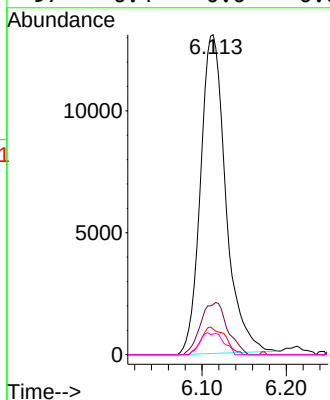
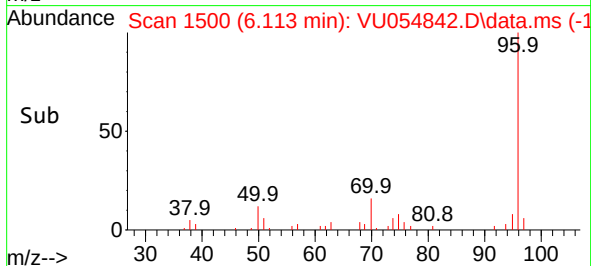
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 96 Resp: 27220
Ion Ratio Lower Upper
96 100
70 17.4 14.0 21.0
95 8.2 8.7 13.1
97 6.4 0.0 0.0#

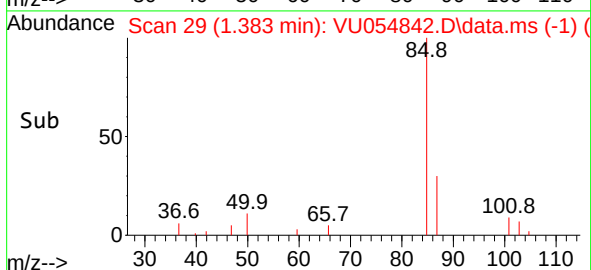
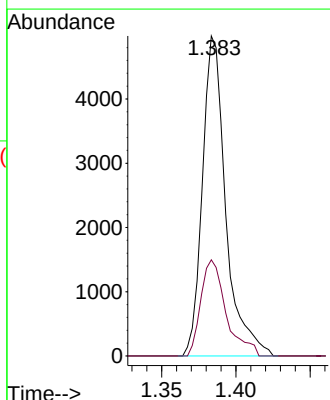
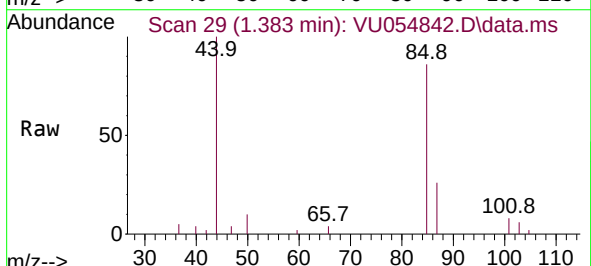
Manual Integrations
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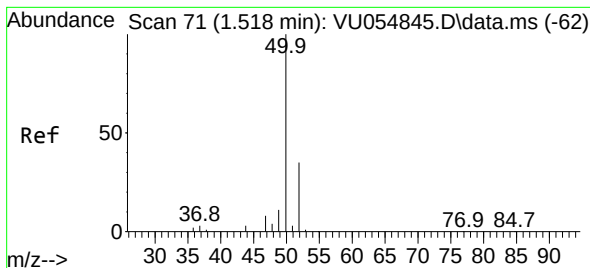
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#2
Dichlorodifluoromethane
Concen: 1.005 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

Tgt Ion: 85 Resp: 5441
Ion Ratio Lower Upper
85 100
87 30.1 16.2 48.6





#3

Chloromethane

Concen: 1.047 ug/l

RT: 1.518 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU054842.D

Acq: 21 Jul 2023 17:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion: 50 Resp: 658

Ion Ratio Lower Upper

50 100

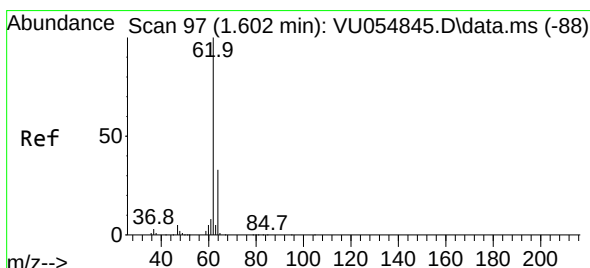
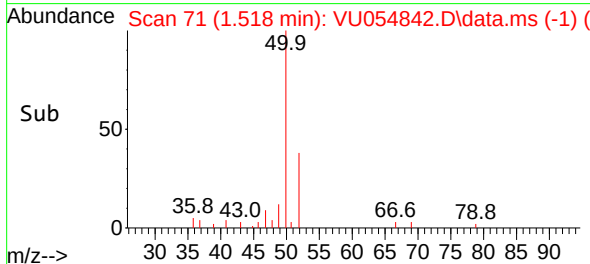
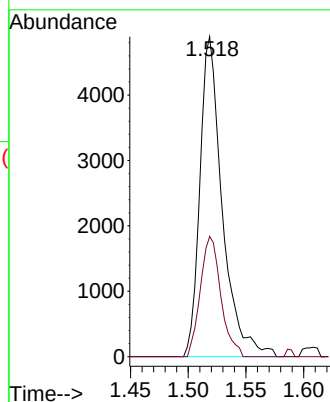
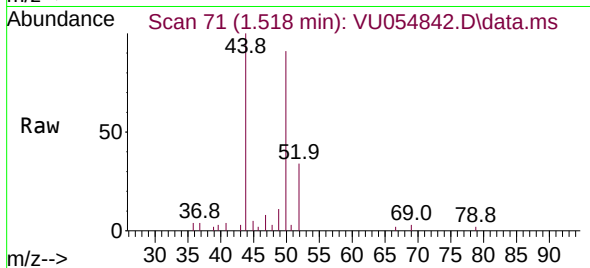
52 36.4 28.2 42.2

Manual Integrations

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Supervised By :Mahesh Dadoda 07/31/2023



#4

Vinyl Chloride

Concen: 1.015 ug/l

RT: 1.602 min Scan# 97

Delta R.T. 0.000 min

Lab File: VU054842.D

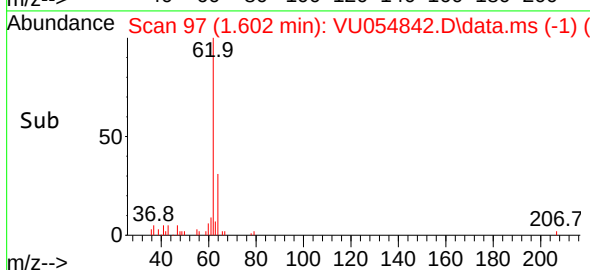
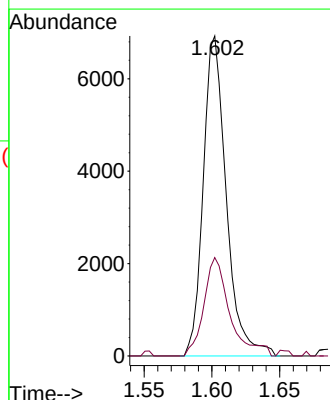
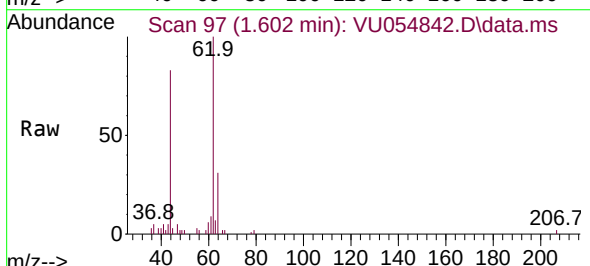
Acq: 21 Jul 2023 17:20

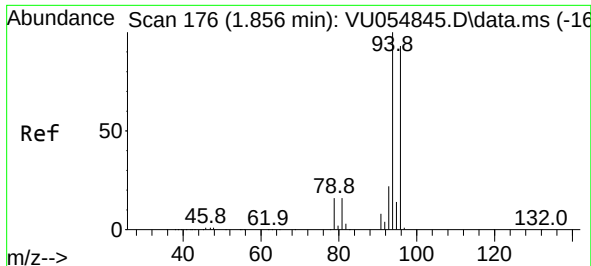
Tgt Ion: 62 Resp: 8197

Ion Ratio Lower Upper

62 100

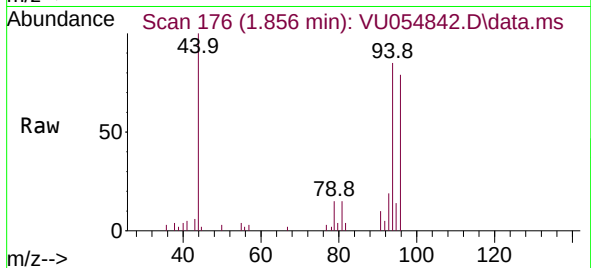
64 30.8 26.4 39.6





#5
Bromomethane
Concen: 0.984 ug/l
RT: 1.856 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

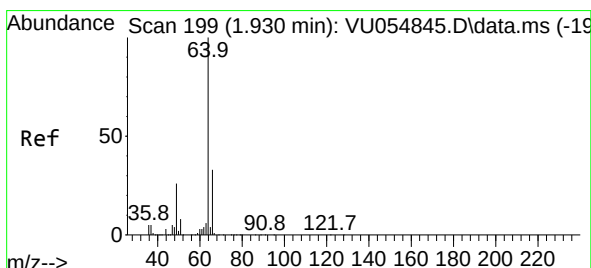
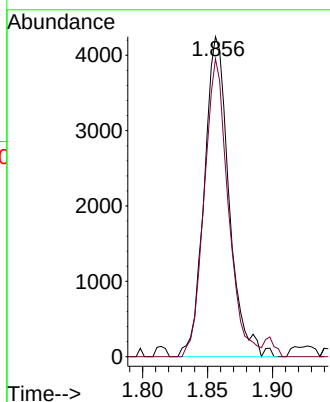
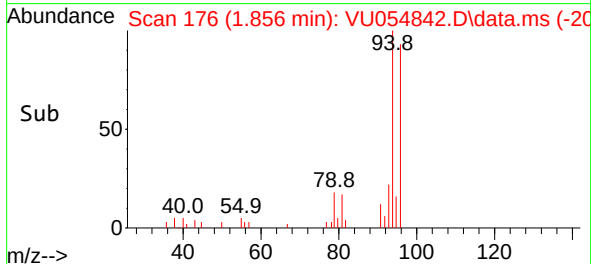
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



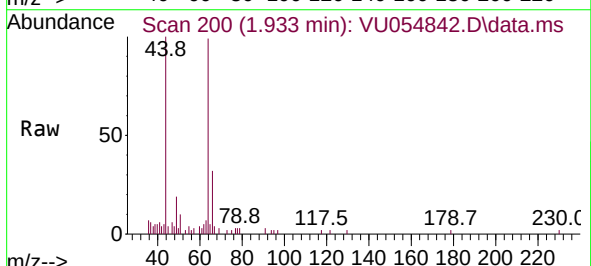
Tgt Ion: 94 Resp: 5640
Ion Ratio Lower Upper
94 100
96 80.0 74.6 111.8

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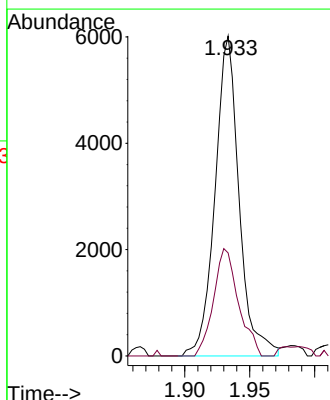
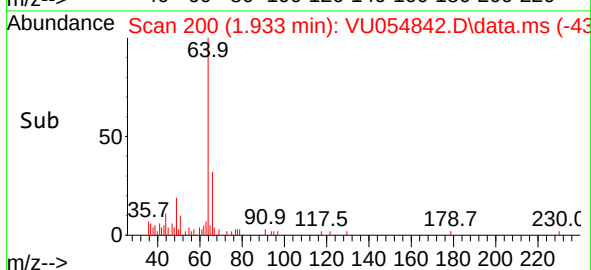
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Supervised By :Mahesh Dadoda 07/31/2023

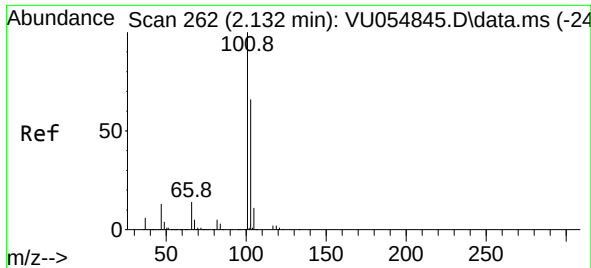


#6
Chloroethane
Concen: 1.014 ug/l
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20



Tgt Ion: 64 Resp: 7734
Ion Ratio Lower Upper
64 100
66 32.2 26.2 39.4





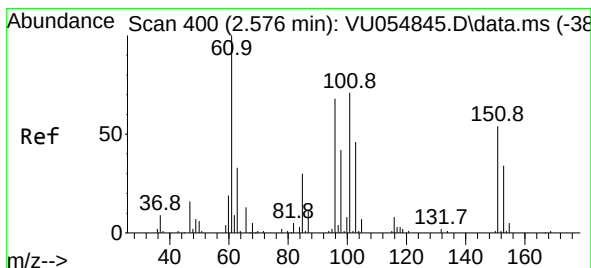
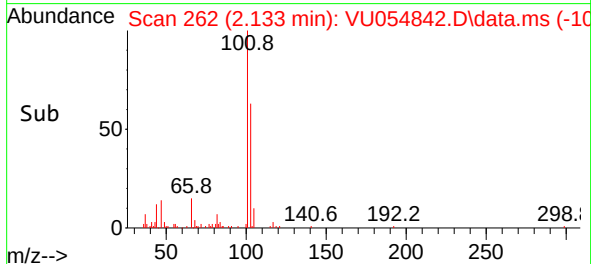
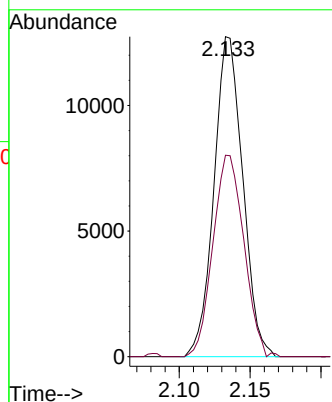
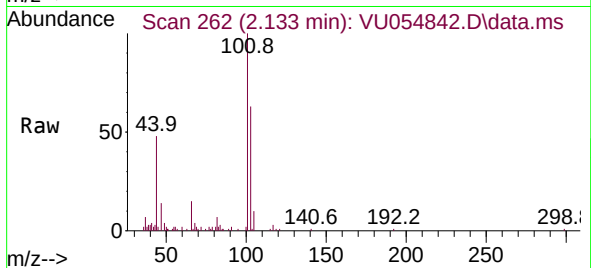
#7
 Trichlorofluoromethane
 Concen: 0.920 ug/l
 RT: 2.133 min Scan# 210
 Delta R.T. 0.000 min
 Lab File: VU054842.D
 Acq: 21 Jul 2023 17:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion:101 Resp: 1800
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.9 79.3

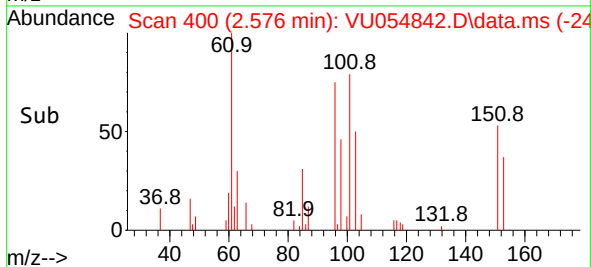
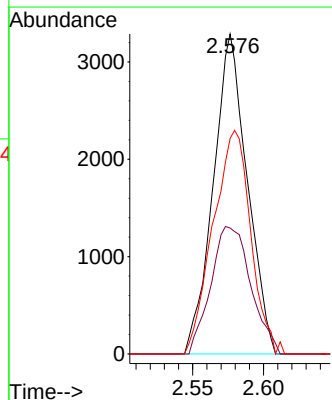
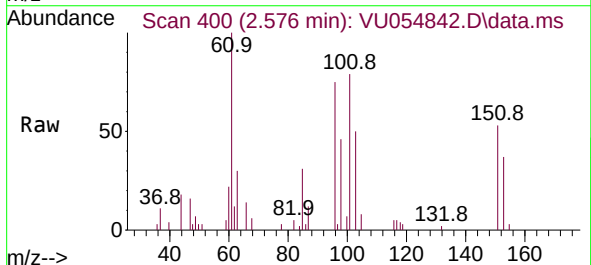
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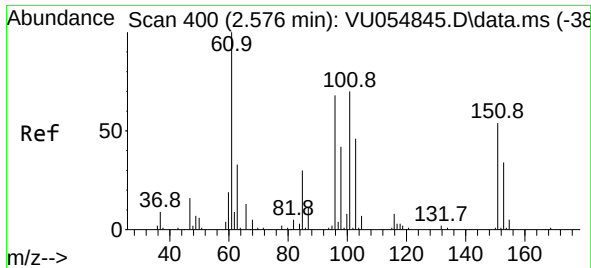
Reviewed By :Semsettin Yesilyurt 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.976 ug/l
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU054842.D
 Acq: 21 Jul 2023 17:20

Tgt Ion:101 Resp: 5474
 Ion Ratio Lower Upper
 101 100
 85 47.0 34.8 52.2
 151 77.4 60.5 90.7





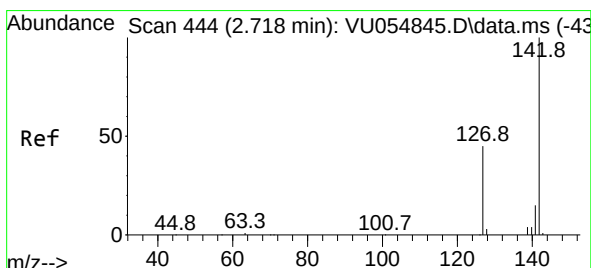
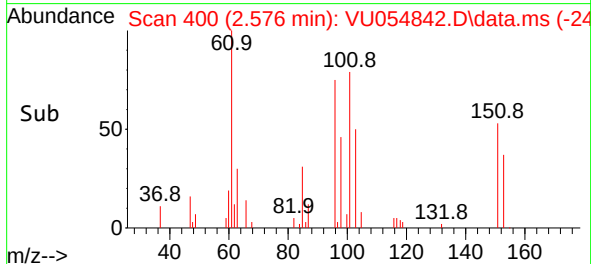
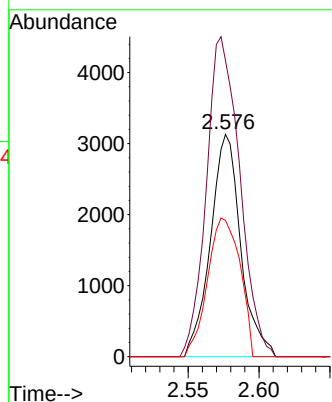
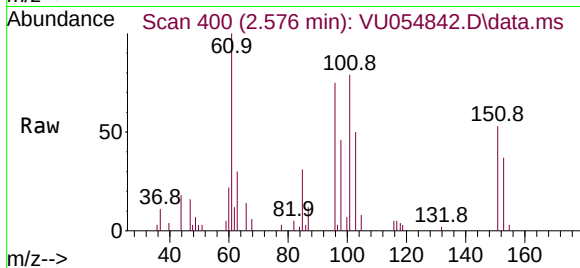
#9
1,1-Dichloroethene
Concen: 0.993 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 96 Resp: 4649
Ion Ratio Lower Upper
96 100
61 128.6 0.0 440.1
98 59.2 0.0 121.8

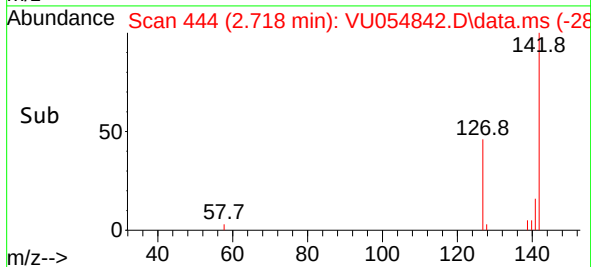
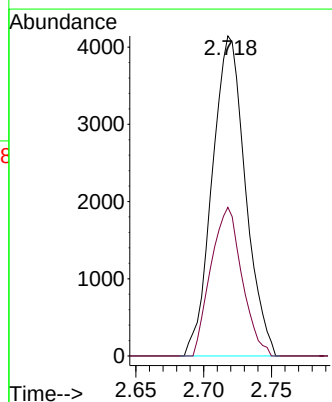
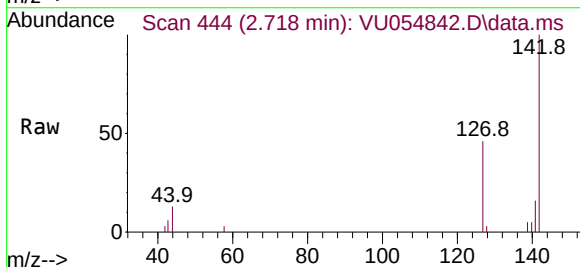
Manual Integrations
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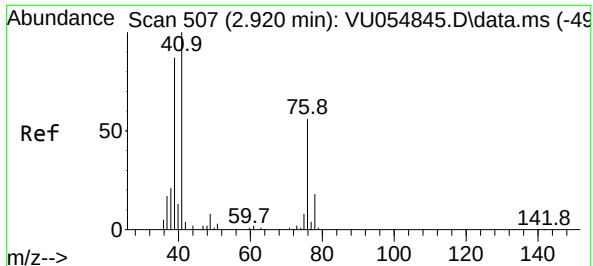
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#10
Iodomethane
Concen: 0.936 ug/l
RT: 2.718 min Scan# 444
Delta R.T. -0.000 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

Tgt Ion:142 Resp: 7063
Ion Ratio Lower Upper
142 100
127 43.6 34.3 51.5





#11

Allyl Chloride

Concen: 0.991 ug/l

RT: 2.920 min Scan# 507

Delta R.T. 0.000 min

Lab File: VU054842.D

Acq: 21 Jul 2023 17:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion: 41 Resp: 544

Ion Ratio Lower Upper

41 100

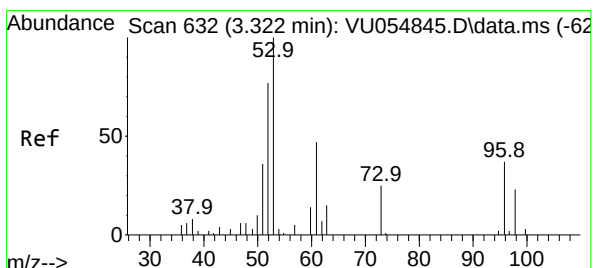
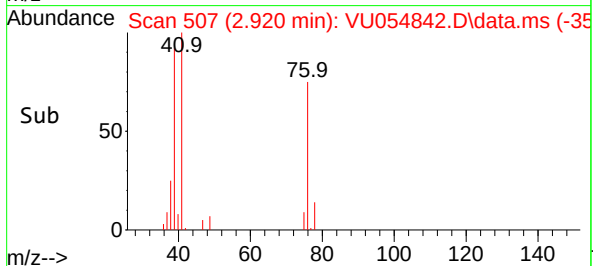
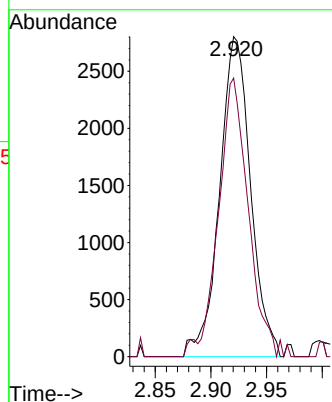
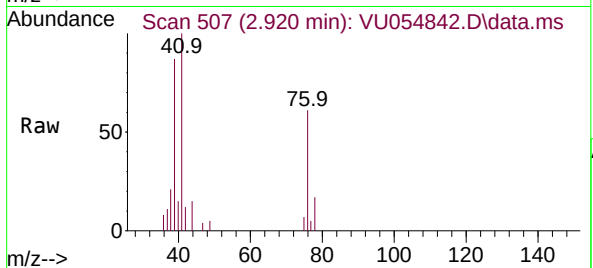
39 83.2 70.2 105.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#12

Acrylonitrile

Concen: 1.908 ug/l m

RT: 3.338 min Scan# 637

Delta R.T. 0.016 min

Lab File: VU054842.D

Acq: 21 Jul 2023 17:20

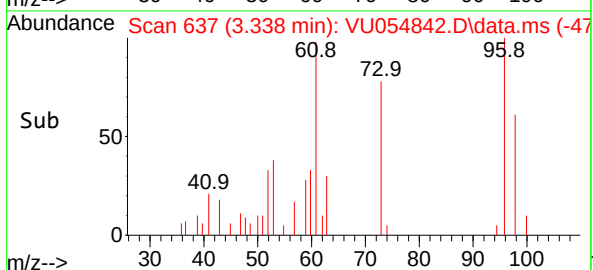
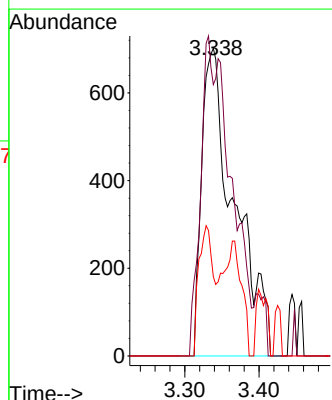
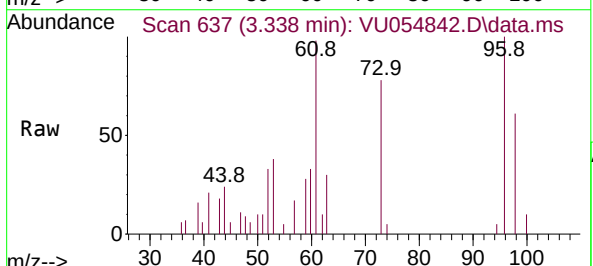
Tgt Ion: 53 Resp: 2140

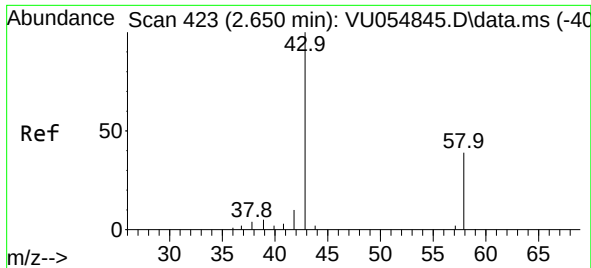
Ion Ratio Lower Upper

53 100

52 40.3 64.2 96.4#

51 18.4 33.6 50.4#





#13

Acetone

Concen: 5.104 ug/l

RT: 2.653 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU054842.D

Acq: 21 Jul 2023 17:20

Instrument :

MSVOA_U

ClientSampleId :

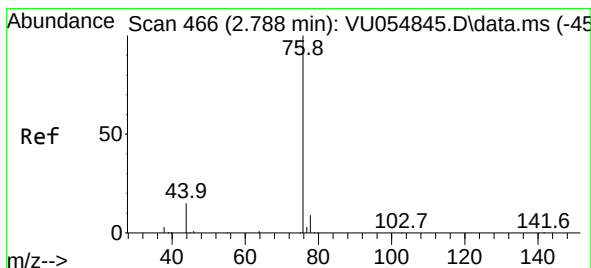
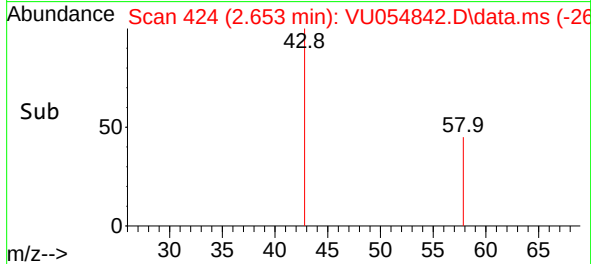
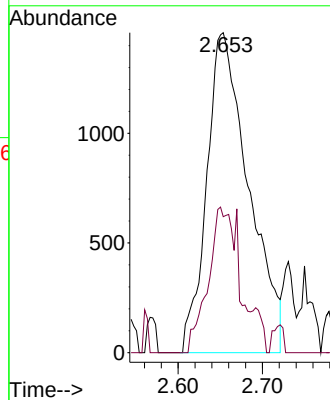
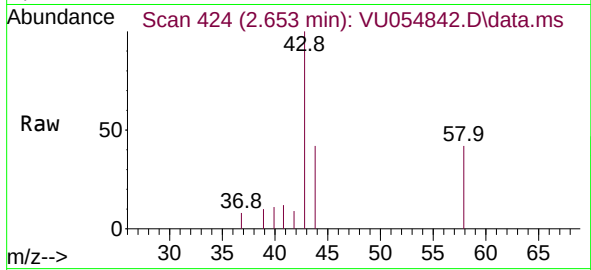
VSTDIC001

Tgt Ion: 43 Resp: 5044
 Ion Ratio Lower Upper
 43 100
 58 42.5 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: 0.961 ug/l

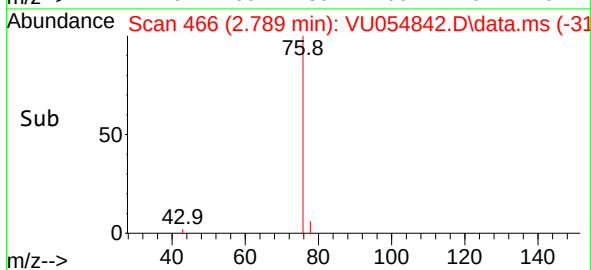
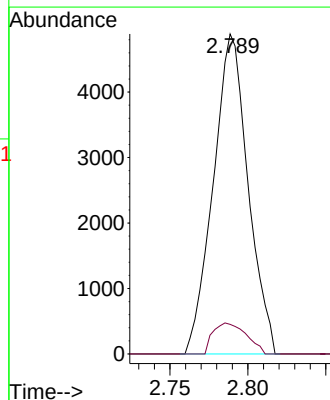
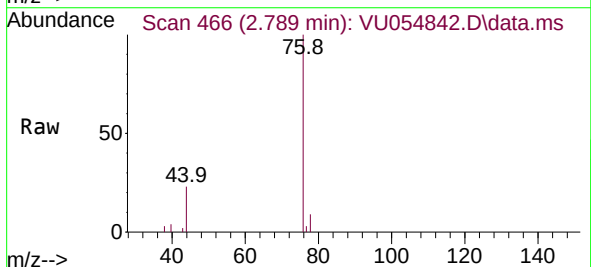
RT: 2.789 min Scan# 466

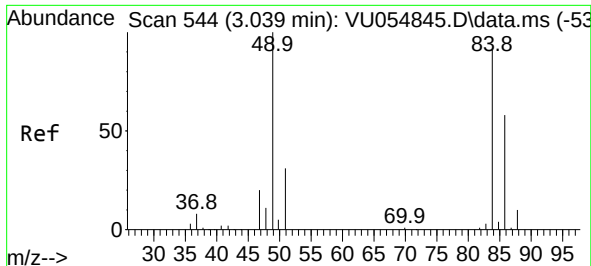
Delta R.T. 0.000 min

Lab File: VU054842.D

Acq: 21 Jul 2023 17:20

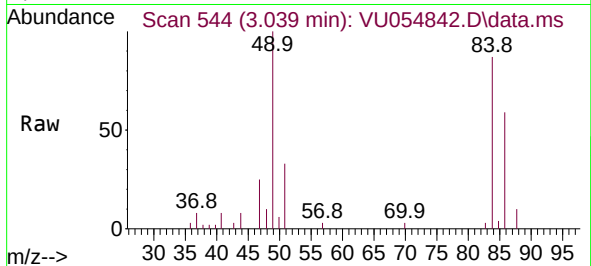
Tgt Ion: 76 Resp: 7584
 Ion Ratio Lower Upper
 76 100
 78 9.0 7.1 10.7





#15
Methylene Chloride
Concen: 0.761 ug/l
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

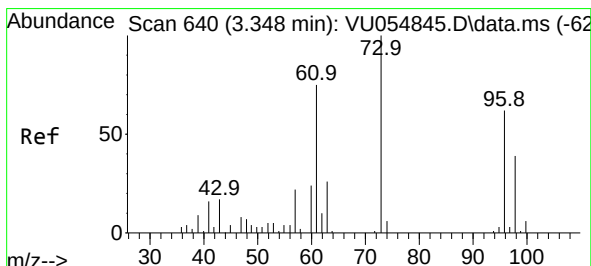
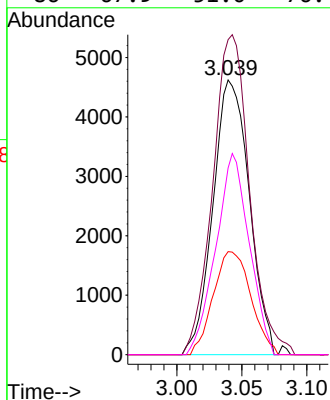
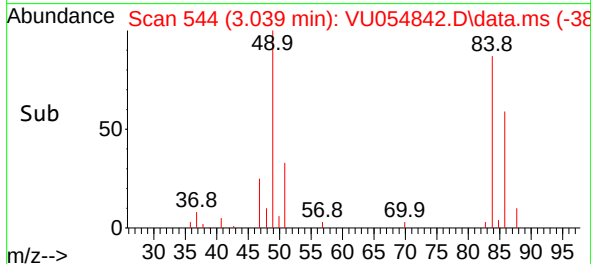
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion:	84	Resp:	8980
Ion	Ratio	Lower	Upper
84	100		
49	114.6	87.8	131.6
51	37.5	0.0	68.2
86	67.9	51.0	76.4

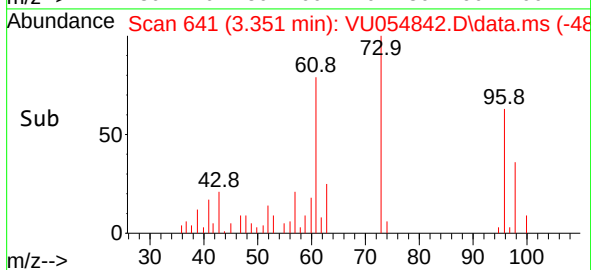
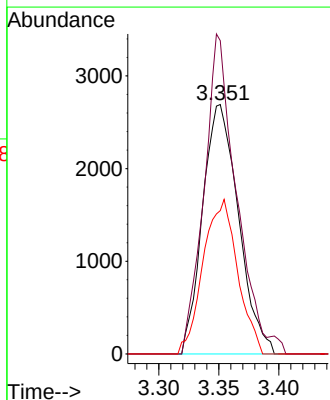
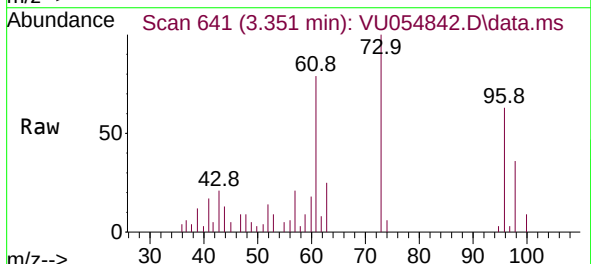
Manual Integrations
APPROVED

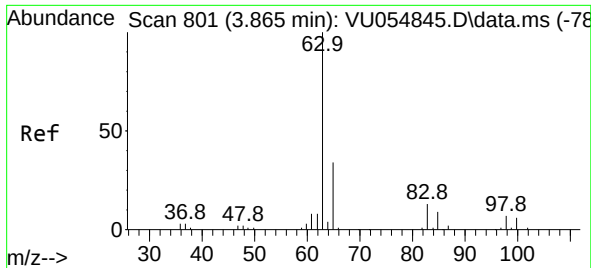
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#16
trans-1,2-Dichloroethene
Concen: 1.076 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

Tgt Ion:	96	Resp:	5600
Ion	Ratio	Lower	Upper
96	100		
61	125.6	96.4	144.6
98	57.5	49.3	73.9





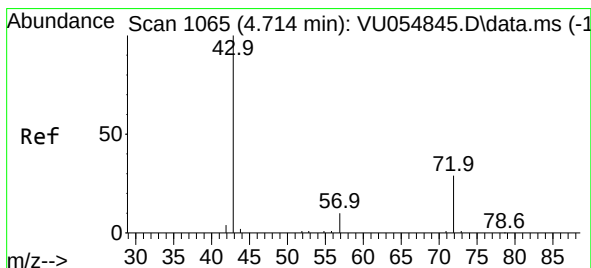
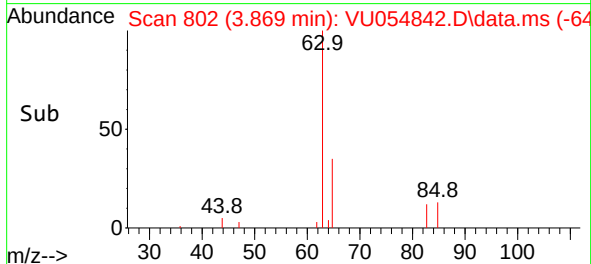
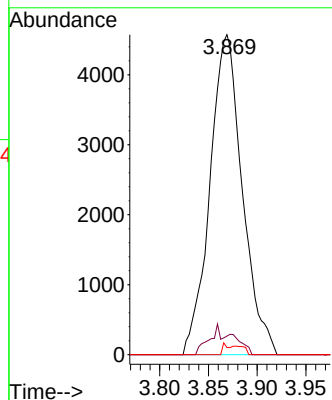
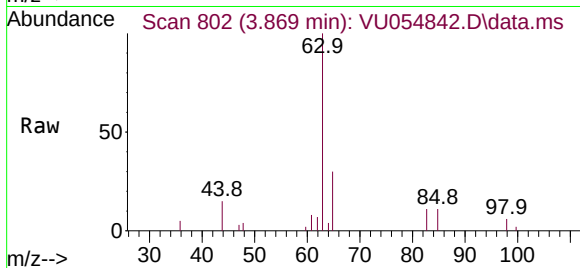
#17
1,1-Dichloroethane
Concen: 0.960 ug/l
RT: 3.869 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion: 63 Resp: 10570
Ion Ratio Lower Upper
63 100
98 5.8 3.6 10.8
100 2.3 2.8 8.4

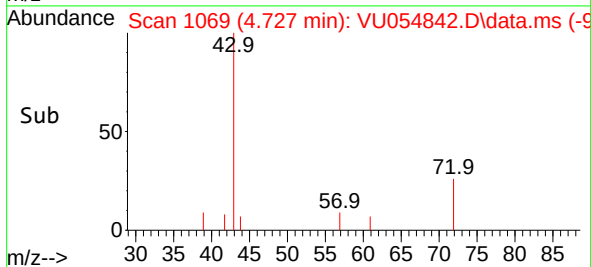
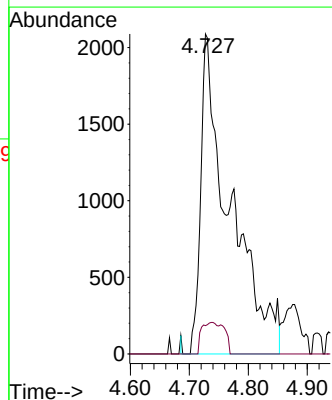
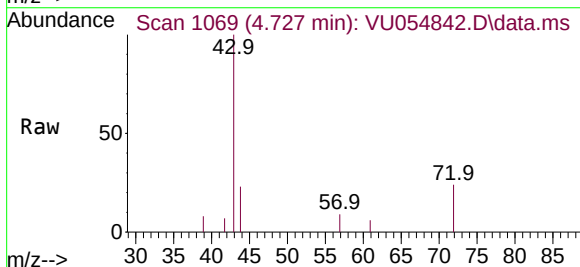
Manual Integrations
APPROVED

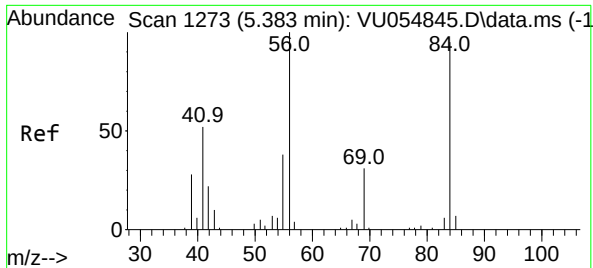
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#18
2-Butanone
Concen: 5.082 ug/l m
RT: 4.727 min Scan# 1069
Delta R.T. 0.013 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

Tgt Ion: 43 Resp: 7119
Ion Ratio Lower Upper
43 100
57 8.9 0.0 20.8





#19

Cyclohexane

Concen: 0.902 ug/l

RT: 5.390 min Scan# 11

Delta R.T. 0.007 min

Lab File: VU054842.D

Acq: 21 Jul 2023 17:20

Instrument :

MSVOA_U

ClientSampleId :

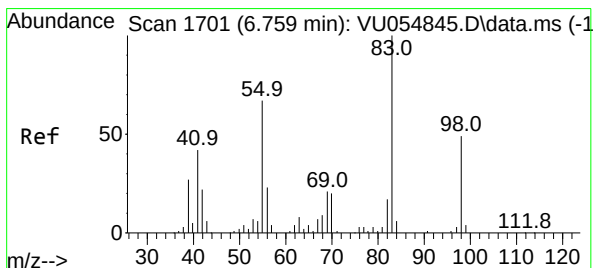
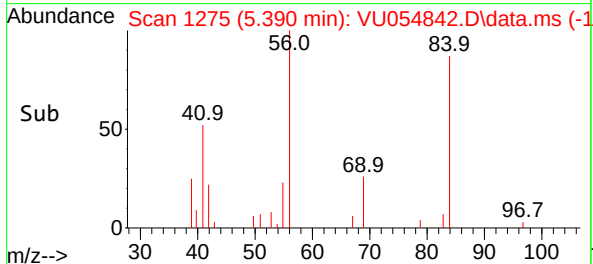
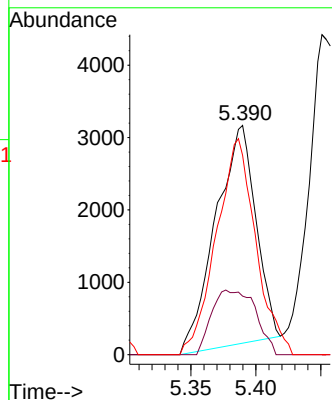
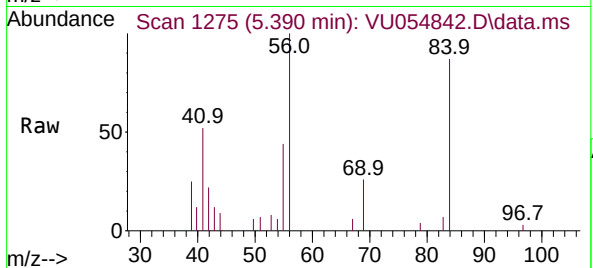
VSTDICC001

Tgt Ion:	56	Resp:	6490
Ion Ratio	Lower	Upper	
56	100		
69	32.3	24.7	37.1
84	97.0	76.5	114.7

Manual Integrations

APPROVED

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



#20

Methylcyclohexane

Concen: 0.983 ug/l

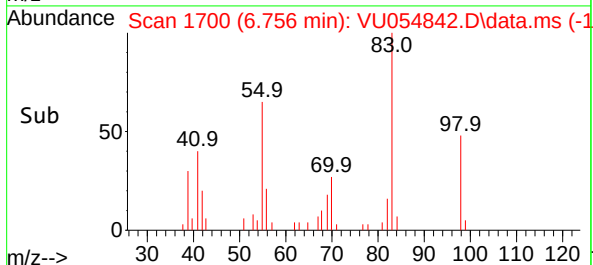
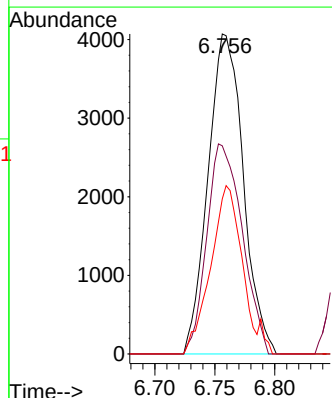
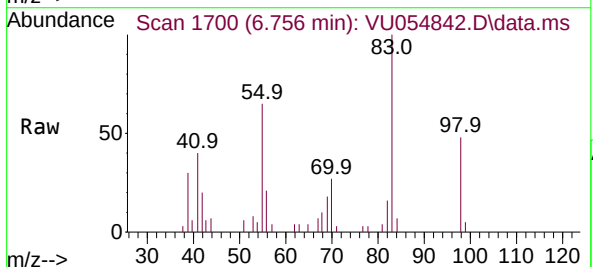
RT: 6.756 min Scan# 1700

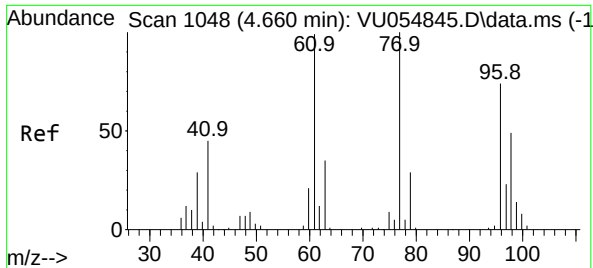
Delta R.T. -0.003 min

Lab File: VU054842.D

Acq: 21 Jul 2023 17:20

Tgt Ion:	83	Resp:	8320
Ion Ratio	Lower	Upper	
83	100		
55	66.1	51.6	77.4
98	47.7	38.2	57.2





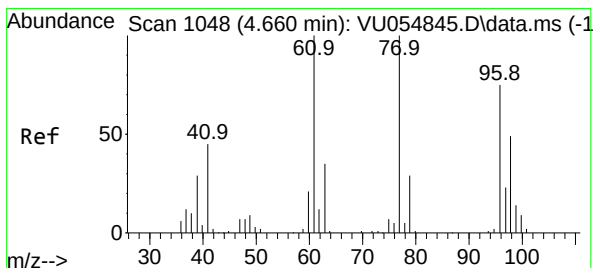
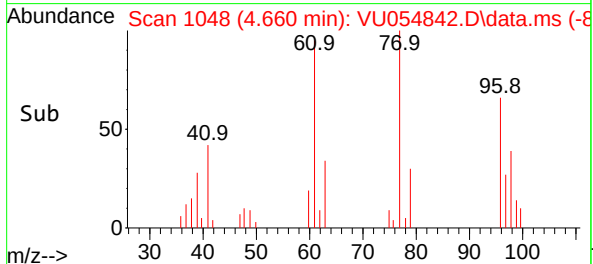
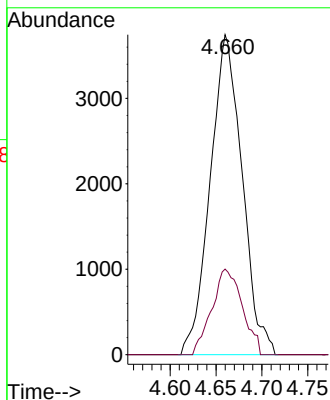
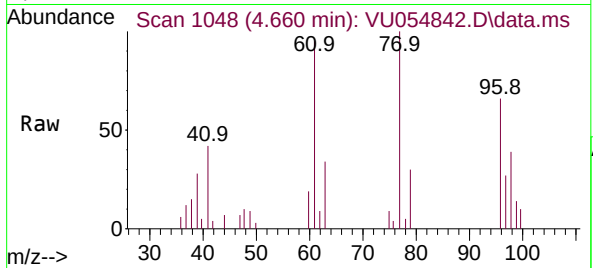
#21
2,2-Dichloropropane
Concen: 0.945 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 77 Resp: 9078
Ion Ratio Lower Upper
77 100
97 25.5 18.0 27.0

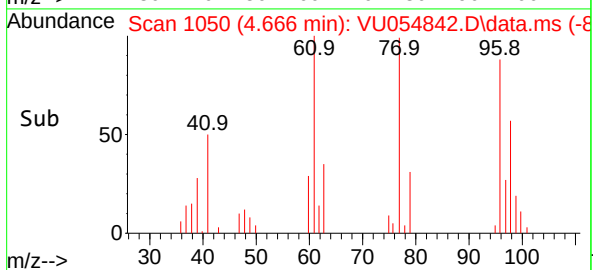
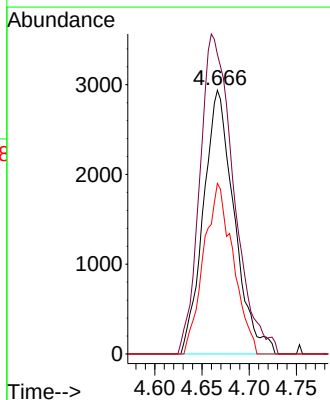
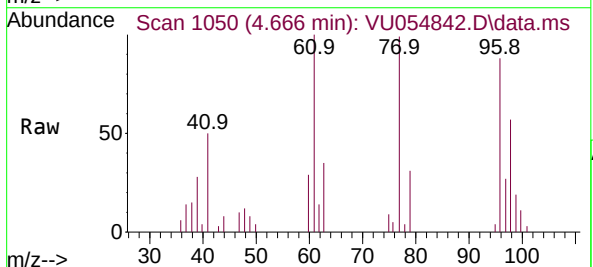
Manual Integrations
APPROVED

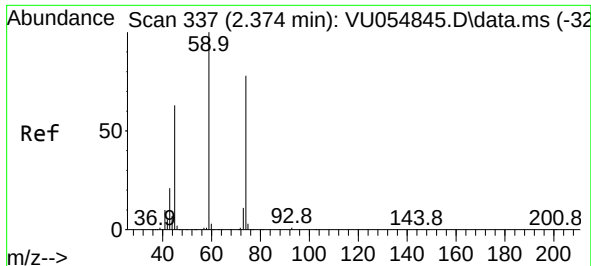
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#22
cis-1,2-Dichloroethene
Concen: 1.014 ug/l
RT: 4.666 min Scan# 1050
Delta R.T. 0.007 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

Tgt Ion: 96 Resp: 6681
Ion Ratio Lower Upper
96 100
61 132.8 0.0 332.0
98 61.6 32.5 97.5





#23

Diethyl Ether

Concen: 1.031 ug/l

RT: 2.377 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU054842.D

Acq: 21 Jul 2023 17:20

Instrument :

MSVOA_U

ClientSampleId :

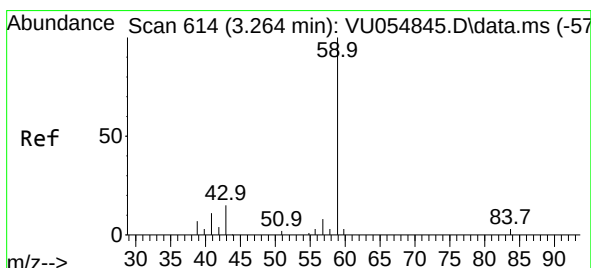
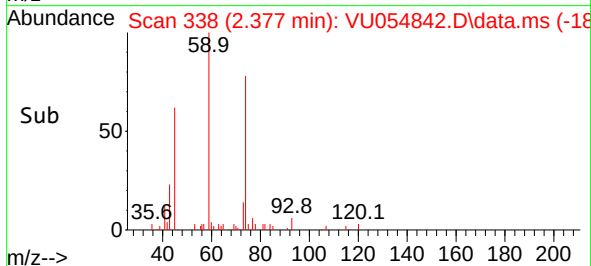
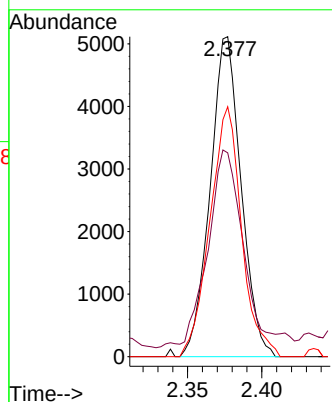
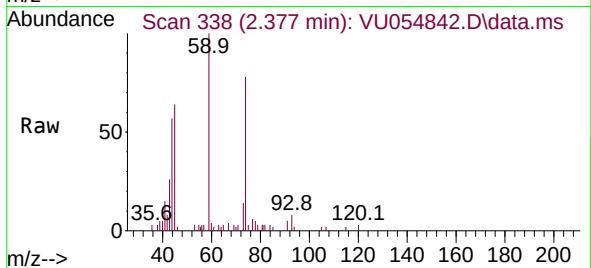
VSTDIC001

Tgt Ion: 59	Resp: 7414
Ion Ratio	Lower Upper
59 100	
45 68.0	51.4 77.0
74 79.9	63.1 94.7

Manual Integrations

APPROVED

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



#24

tert-Butyl Alcohol

Concen: 8.075 ug/l m

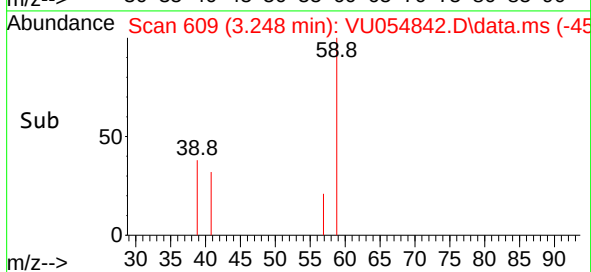
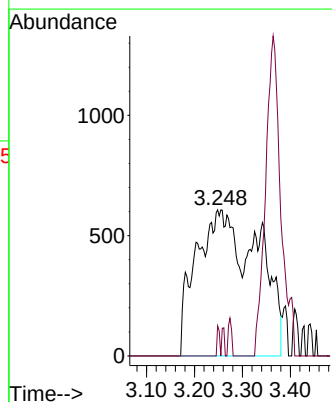
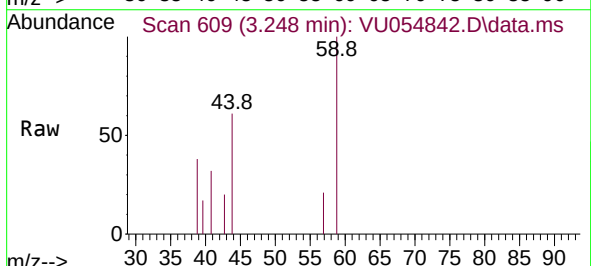
RT: 3.248 min Scan# 609

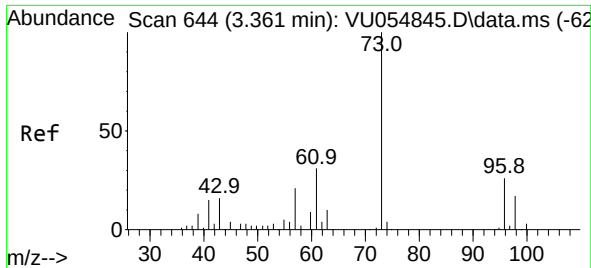
Delta R.T. -0.016 min

Lab File: VU054842.D

Acq: 21 Jul 2023 17:20

Tgt Ion: 59	Resp: 5413
Ion Ratio	Lower Upper
59 100	
57 0.0	2.2 3.2#





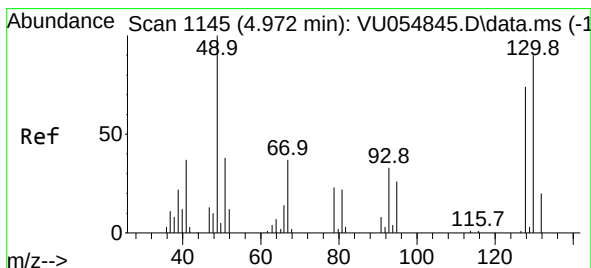
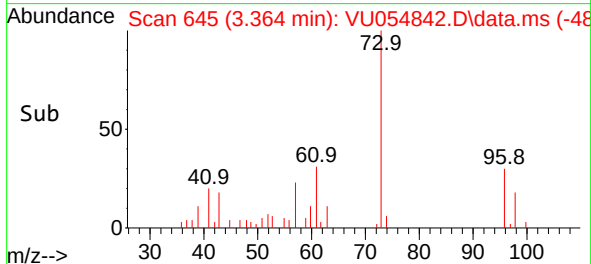
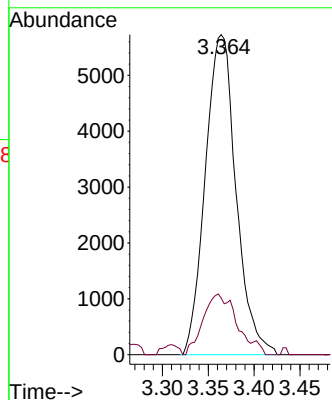
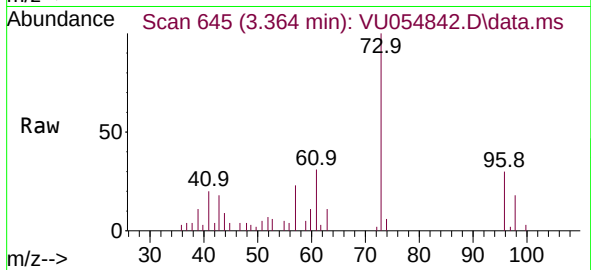
#25
Methyl tert-Butyl Ether
Concen: 0.935 ug/l
RT: 3.364 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 13360
Ion Ratio Lower Upper
73 100
43 19.9 14.6 22.0

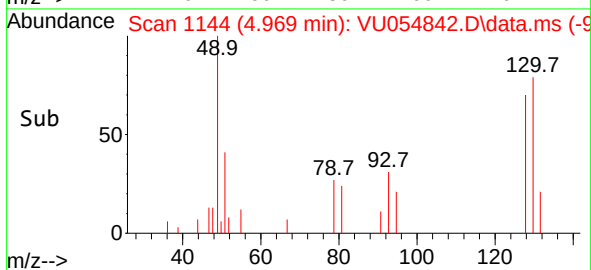
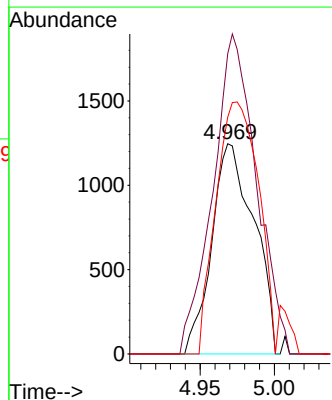
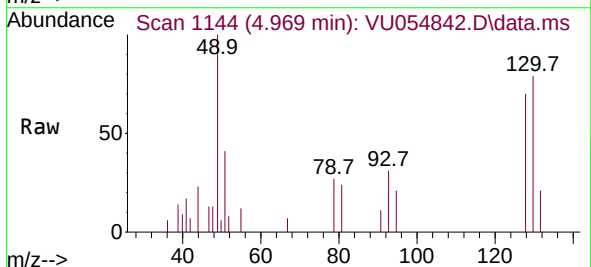
Manual Integrations
APPROVED

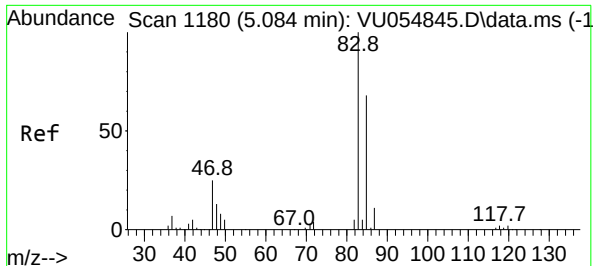
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#26
Bromochloromethane
Concen: 0.981 ug/l
RT: 4.969 min Scan# 1144
Delta R.T. -0.003 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

Tgt Ion:128 Resp: 2464
Ion Ratio Lower Upper
128 100
49 156.9 0.0 304.0
130 120.9 104.3 156.5





#27

Chloroform

Concen: 0.981 ug/l

RT: 5.081 min Scan# 1180

Delta R.T. -0.003 min

Lab File: VU054842.D

Acq: 21 Jul 2023 17:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 83 Resp: 1186

Ion Ratio Lower Upper

83 100

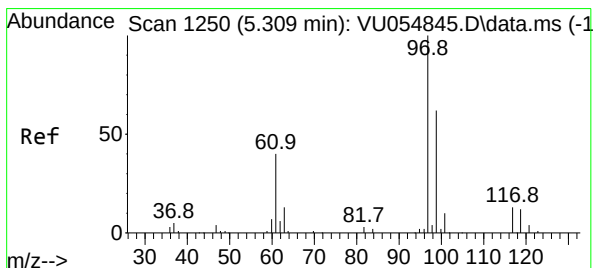
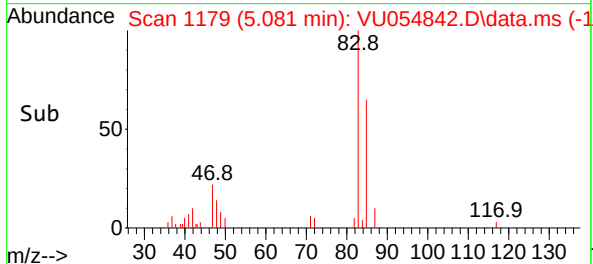
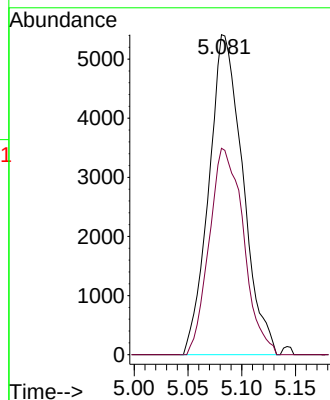
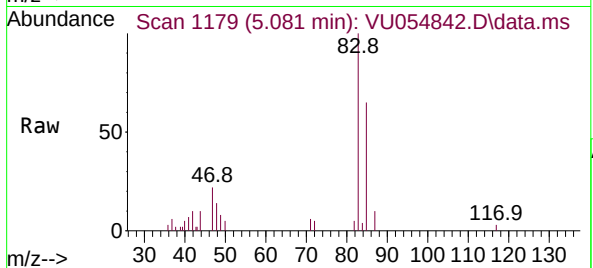
85 64.5 0.0 135.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#28

1,1,1-Trichloroethane

Concen: 0.981 ug/l

RT: 5.316 min Scan# 1252

Delta R.T. 0.007 min

Lab File: VU054842.D

Acq: 21 Jul 2023 17:20

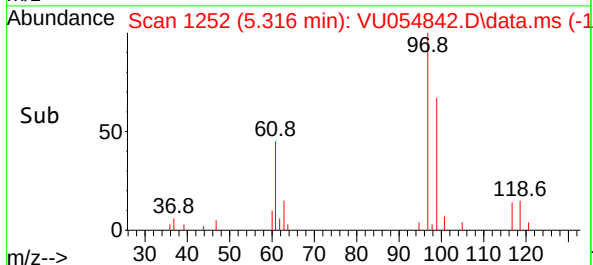
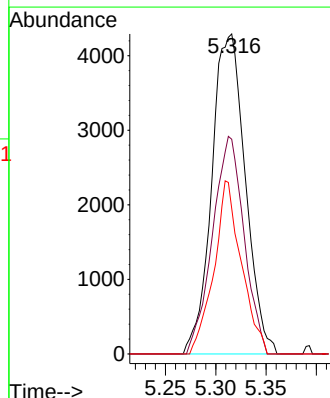
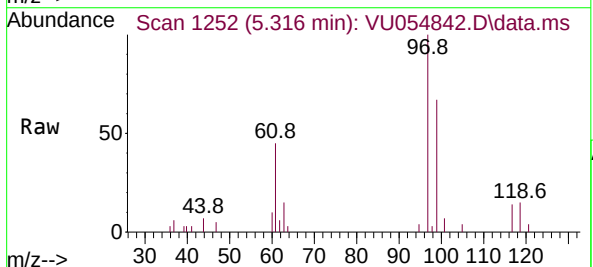
Tgt Ion: 97 Resp: 9971

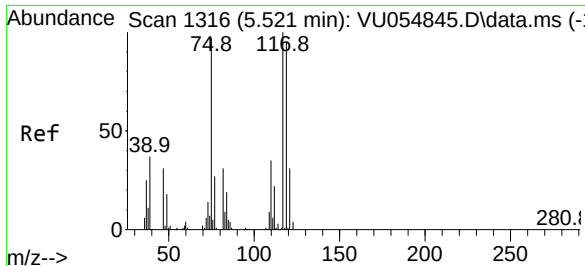
Ion Ratio Lower Upper

97 100

99 63.8 32.0 96.2

61 44.1 21.0 63.0





#29

1,1-Dichloropropene

Concen: 0.968 ug/l

RT: 5.525 min Scan# 1316

Delta R.T. 0.003 min

Lab File: VU054842.D

Acq: 21 Jul 2023 17:20

Instrument :

MSVOA_U

ClientSampleId :

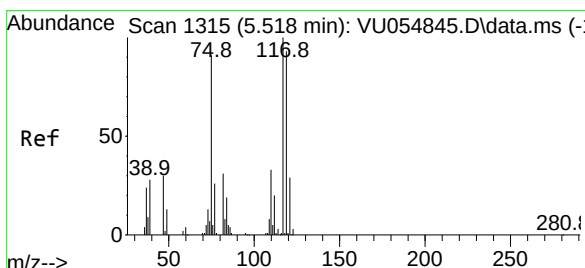
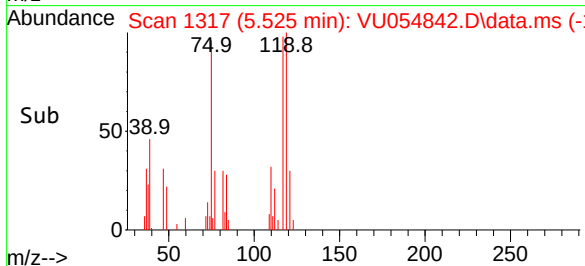
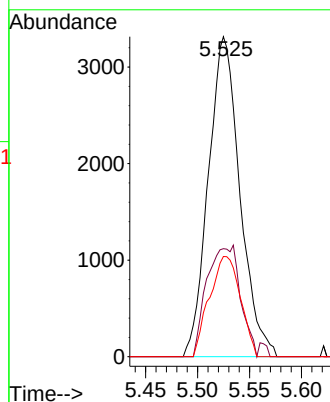
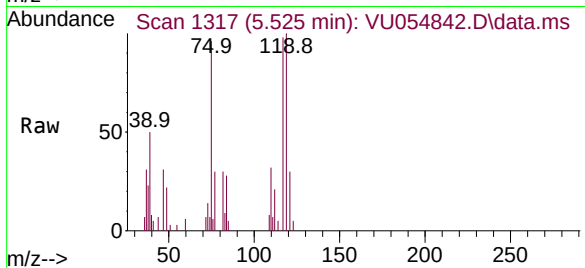
VSTDIC001

Tgt Ion:	75	Resp:	700
Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.5	55.5
77	30.7	24.9	37.3

Manual Integrations

APPROVED

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



#30

Carbon Tetrachloride

Concen: 0.934 ug/l

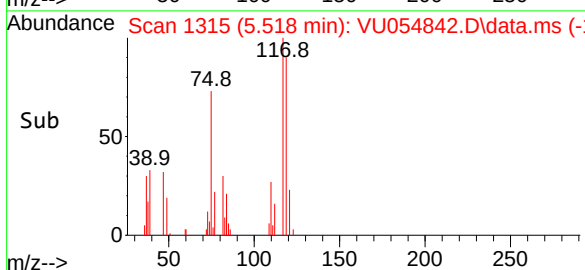
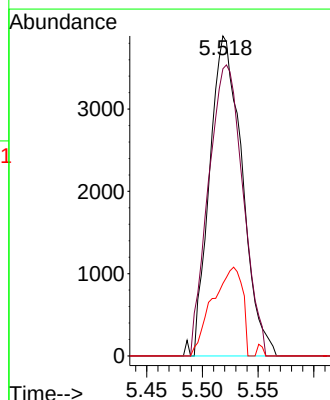
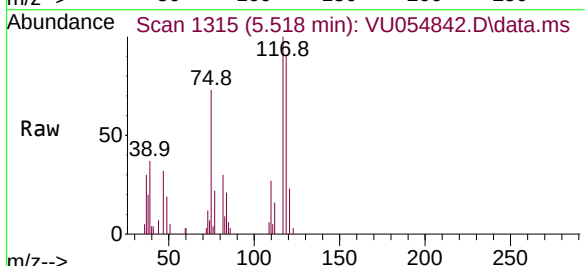
RT: 5.518 min Scan# 1315

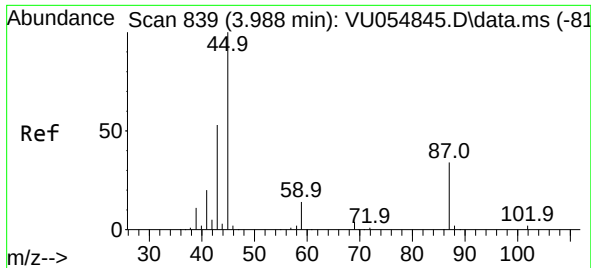
Delta R.T. 0.000 min

Lab File: VU054842.D

Acq: 21 Jul 2023 17:20

Tgt Ion:	117	Resp:	7893
Ion	Ratio	Lower	Upper
117	100		
119	89.7	75.6	113.4
121	22.6	23.4	35.0





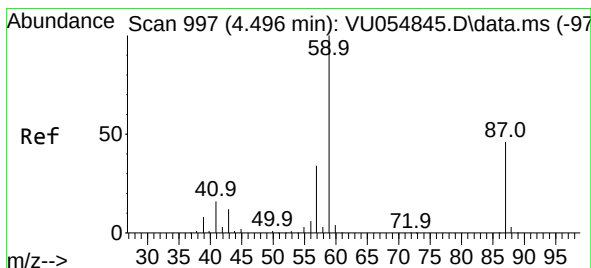
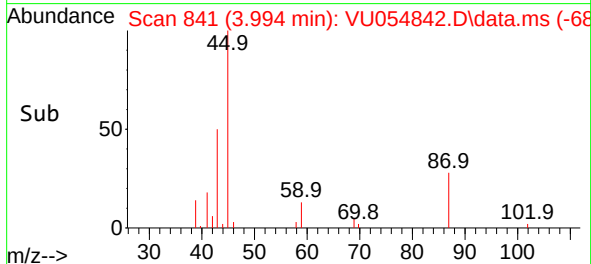
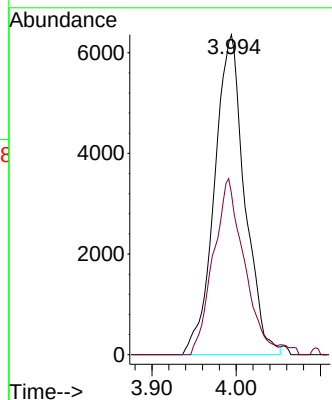
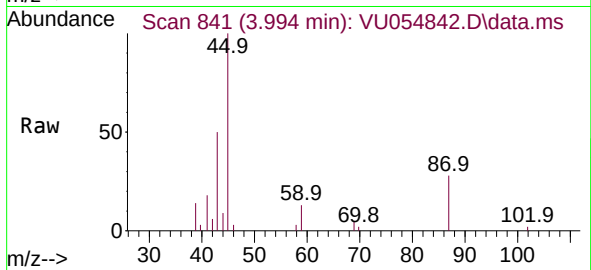
#31
Isopropyl Ether
Concen: 0.971 ug/l
RT: 3.994 min Scan# 841
Delta R.T. 0.007 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 45 Resp: 15830
Ion Ratio Lower Upper
45 100
43 56.2 26.4 79.2

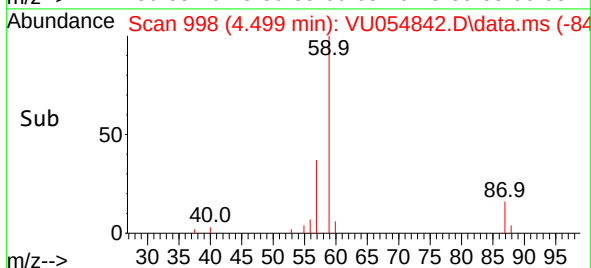
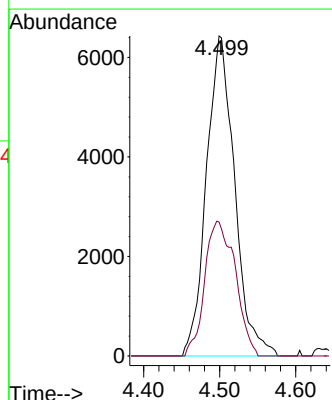
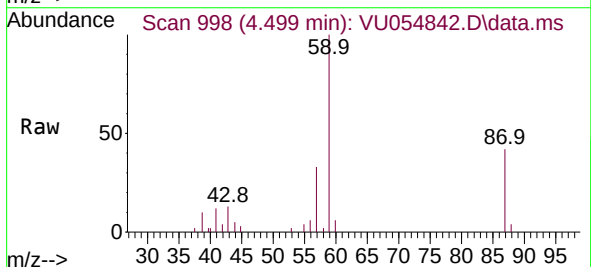
Manual Integrations
APPROVED

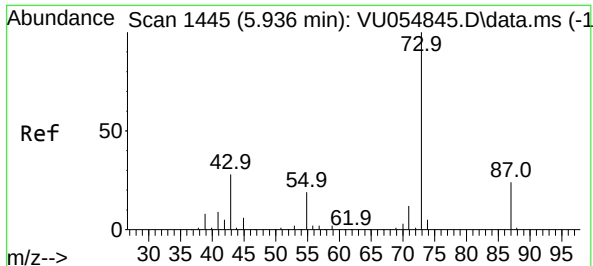
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#32
Ethyl-t-butyl ether
Concen: 0.990 ug/l
RT: 4.499 min Scan# 998
Delta R.T. 0.003 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

Tgt Ion: 59 Resp: 16569
Ion Ratio Lower Upper
59 100
87 45.7 35.7 53.5





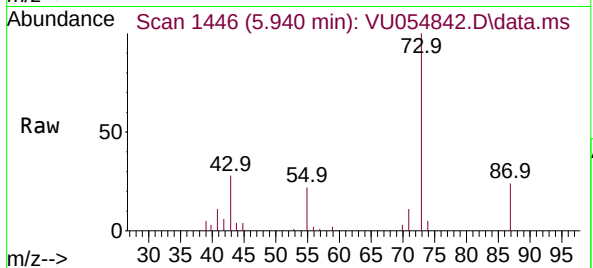
#33
Tert-Amyl methyl ether
Concen: 0.974 ug/l
RT: 5.940 min Scan# 1445
Delta R.T. 0.003 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

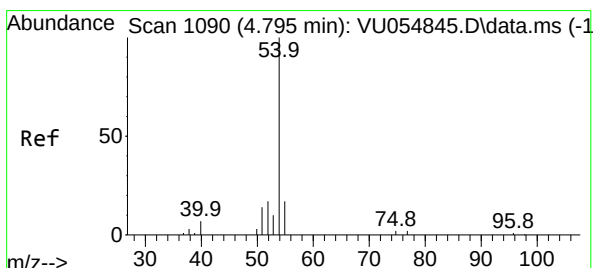
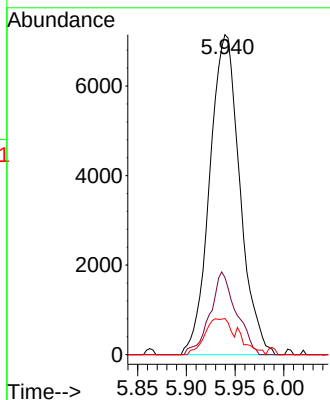
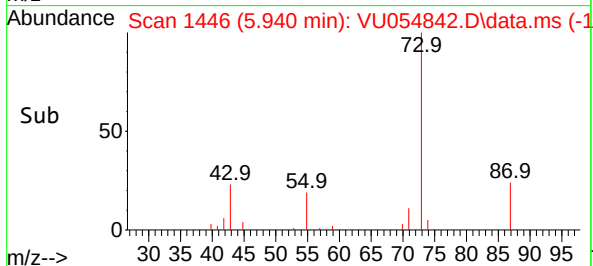


Tgt Ion: 73 Resp: 15350
Ion Ratio Lower Upper
73 100
87 22.5 19.6 29.4
71 6.0 9.1 13.7

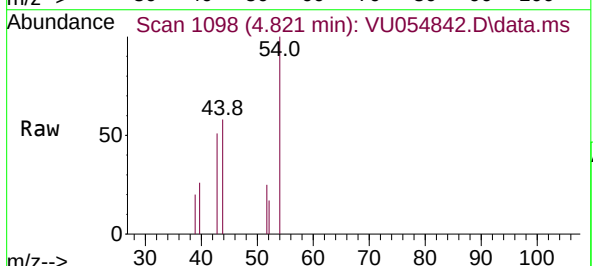
Manual Integrations

APPROVED

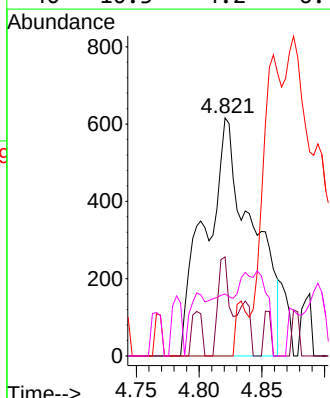
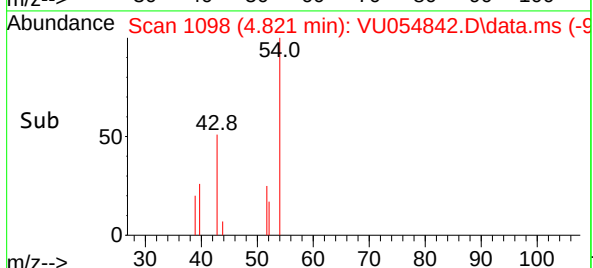
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

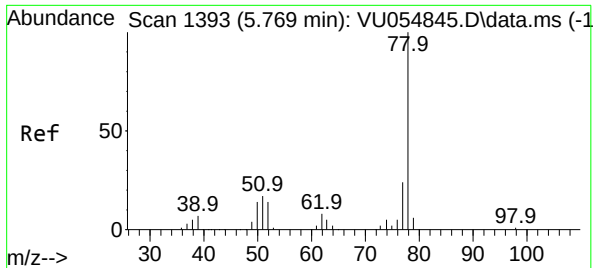


#34
Propionitrile
Concen: 3.482 ug/l m
RT: 4.821 min Scan# 1098
Delta R.T. 0.026 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20



Tgt Ion: 54 Resp: 1600
Ion Ratio Lower Upper
54 100
52 4.0 13.8 20.8#
55 0.0 4.8 7.2#
40 10.3 4.2 6.4#





#35

Benzene

Concen: 0.924 ug/l

RT: 5.772 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU054842.D

Acq: 21 Jul 2023 17:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 78 Resp: 2172

Ion Ratio Lower Upper

78 100

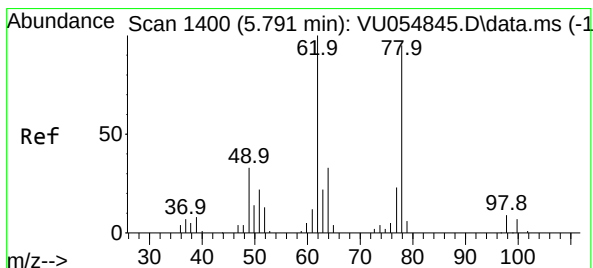
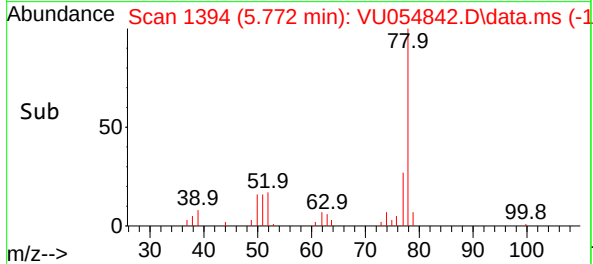
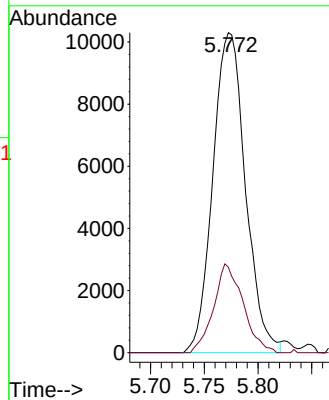
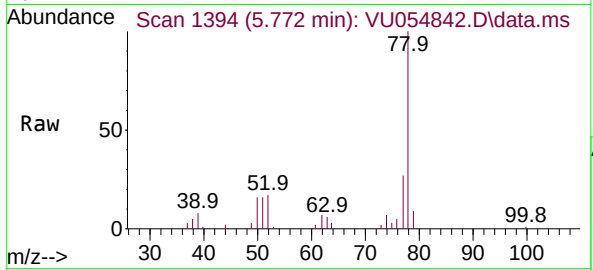
77 26.7 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#36

1,2-Dichloroethane

Concen: 0.969 ug/l

RT: 5.795 min Scan# 1401

Delta R.T. 0.003 min

Lab File: VU054842.D

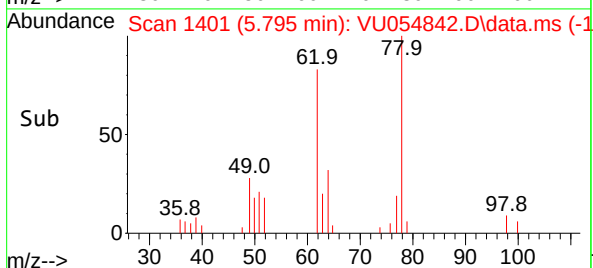
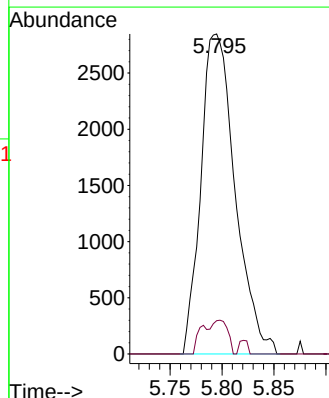
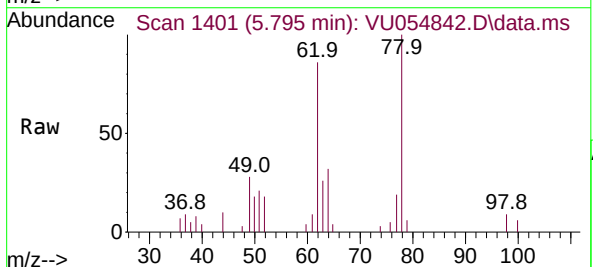
Acq: 21 Jul 2023 17:20

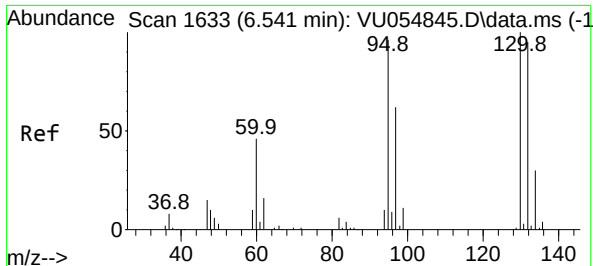
Tgt Ion: 62 Resp: 6546

Ion Ratio Lower Upper

62 100

98 4.6 7.8 11.8#





#37
Trichloroethene
Concen: 0.979 ug/l
RT: 6.541 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

Instrument :

MSVOA_U

ClientSampleId :

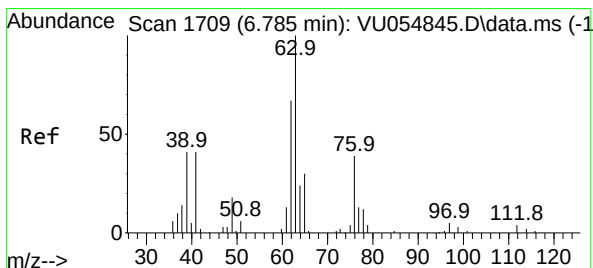
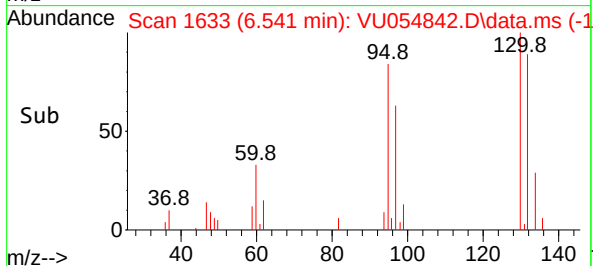
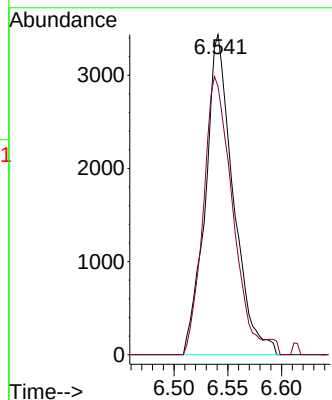
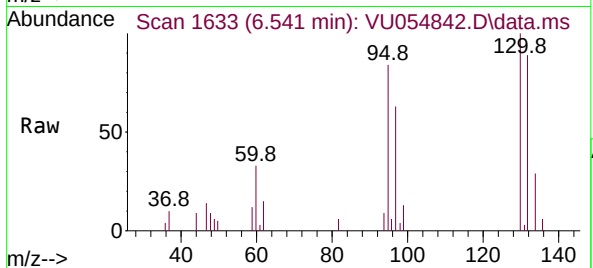
VSTDIC001

Tgt Ion:130 Resp: 622
Ion Ratio Lower Upper
130 100
95 83.9 76.8 115.2

Manual Integrations

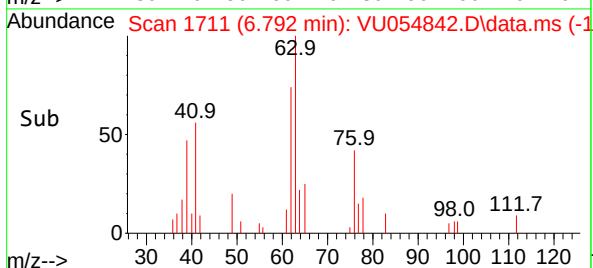
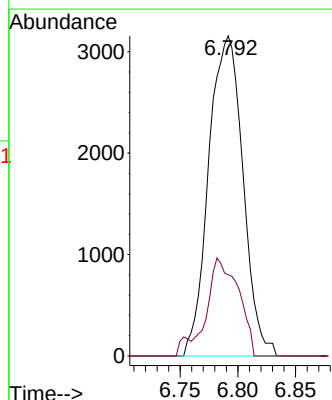
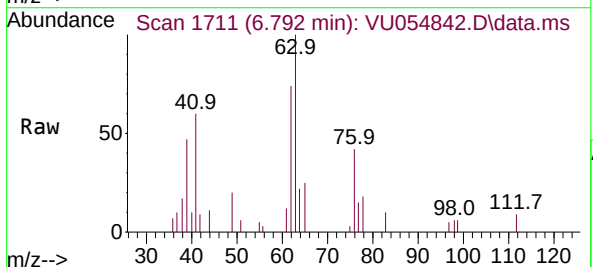
APPROVED

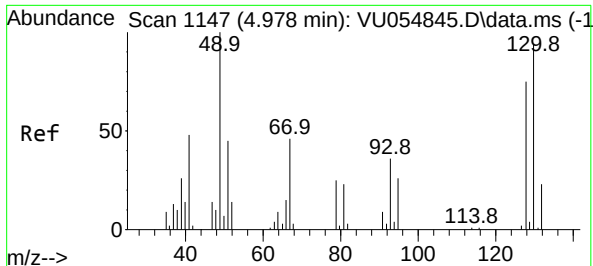
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#38
1,2-Dichloropropane
Concen: 0.960 ug/l
RT: 6.792 min Scan# 1711
Delta R.T. 0.007 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

Tgt Ion: 63 Resp: 6516
Ion Ratio Lower Upper
63 100
65 25.3 24.3 36.5





#39

Methacrylonitrile

Concen: 0.858 ug/l m

RT: 4.988 min Scan# 1150

Delta R.T. 0.010 min

Lab File: VU054842.D

Acq: 21 Jul 2023 17:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 41 Resp: 143

Ion Ratio Lower Upper

41 100

67 62.8 77.0 115.4

39 28.6 50.4 75.6

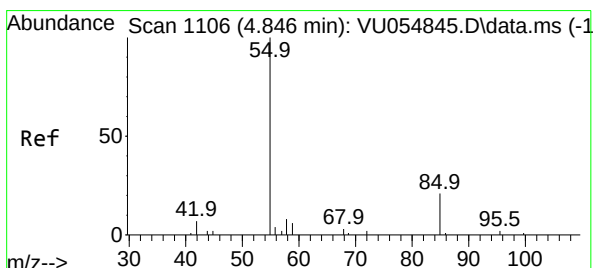
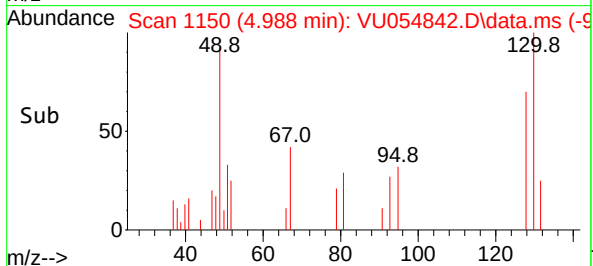
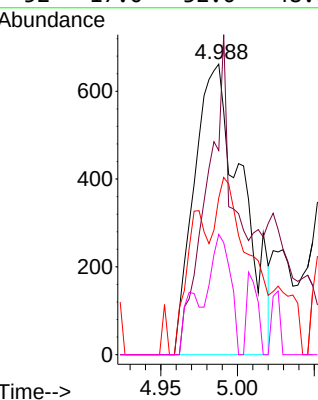
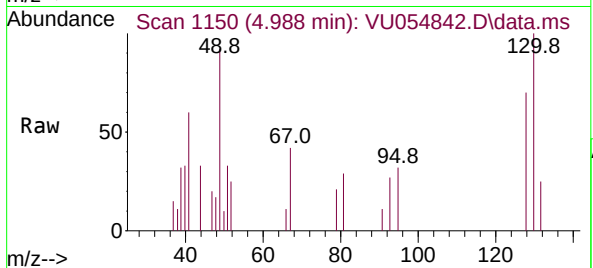
52 17.0 32.0 48.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#40

Methyl acrylate

Concen: 0.849 ug/l m

RT: 4.875 min Scan# 1115

Delta R.T. 0.029 min

Lab File: VU054842.D

Acq: 21 Jul 2023 17:20

Tgt Ion: 55 Resp: 2419

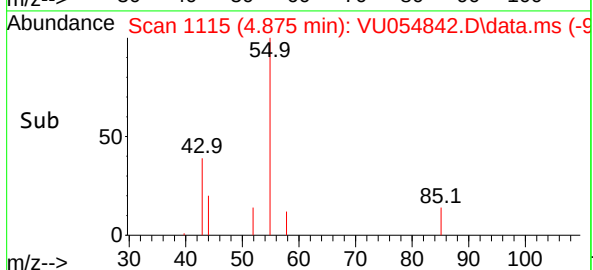
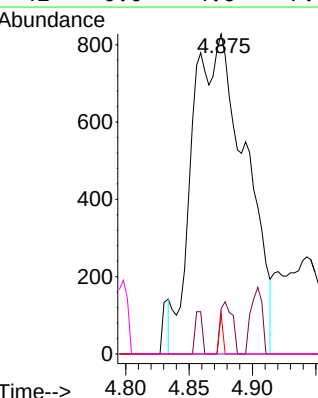
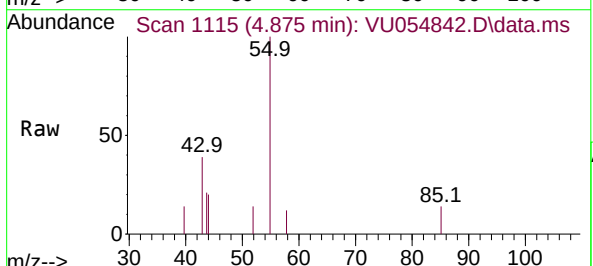
Ion Ratio Lower Upper

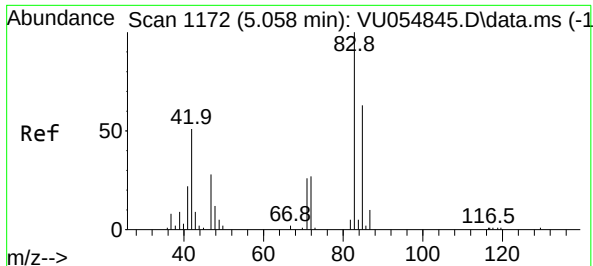
55 100

85 0.0 13.0 19.6

58 0.8 5.7 8.5

42 0.0 4.6 7.0





#41

Tetrahydrofuran

Concen: 1.626 ug/l

RT: 5.078 min Scan# 1172

Delta R.T. 0.019 min

Lab File: VU054842.D

Acq: 21 Jul 2023 17:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

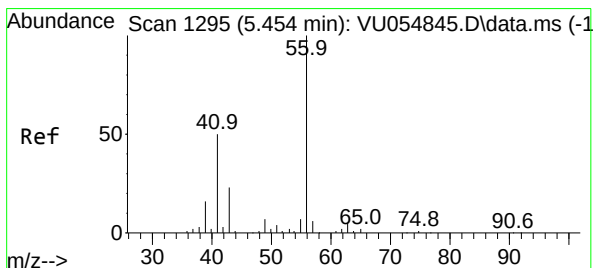
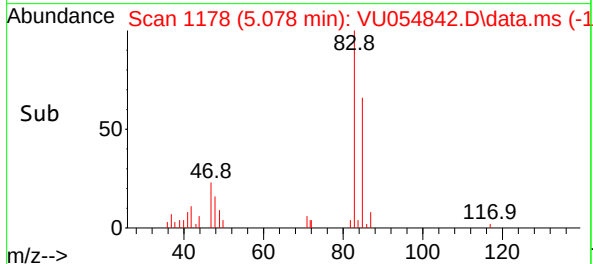
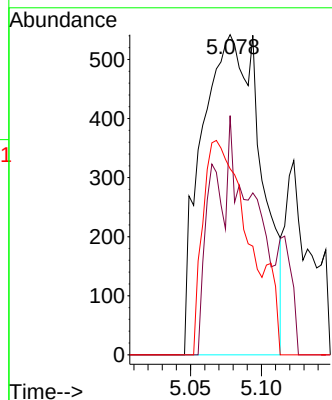
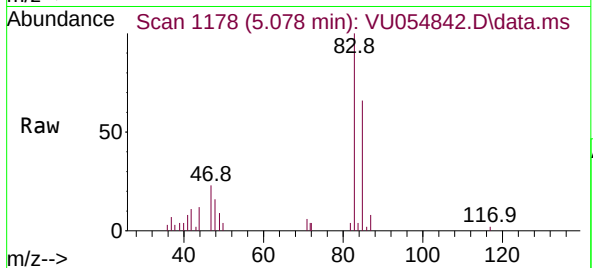
Tgt Ion:	42	Resp:	158
Ion Ratio	Lower	Upper	
42	100		
72	31.5	42.1	63.1
71	0.0	39.7	59.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#42

1-Chlorobutane

Concen: 1.012 ug/l

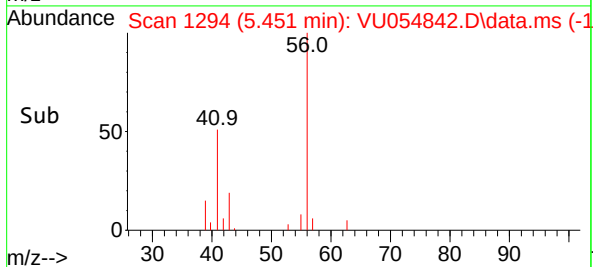
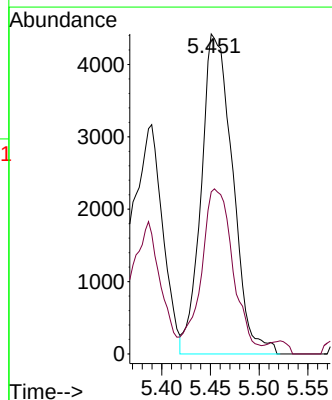
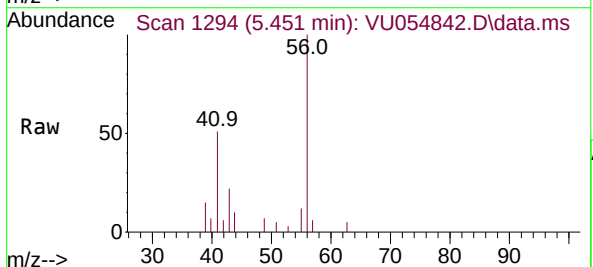
RT: 5.451 min Scan# 1294

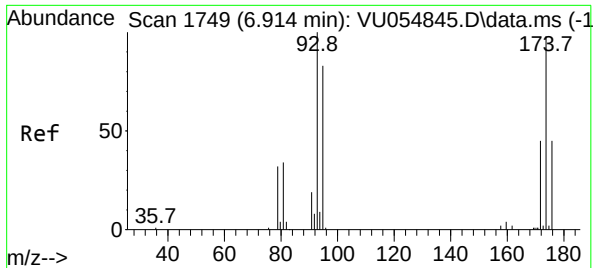
Delta R.T. -0.003 min

Lab File: VU054842.D

Acq: 21 Jul 2023 17:20

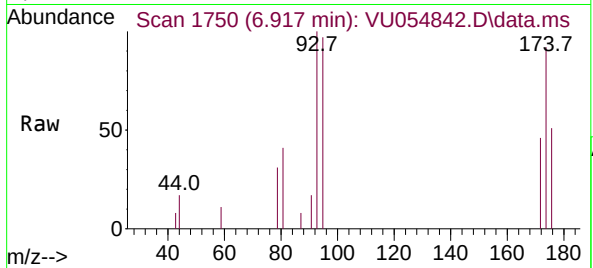
Tgt Ion:	56	Resp:	9903
Ion Ratio	Lower	Upper	
56	100		
41	52.4	23.9	71.7





#43
Dibromomethane
Concen: 0.910 ug/l
RT: 6.917 min Scan# 1750
Delta R.T. 0.003 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

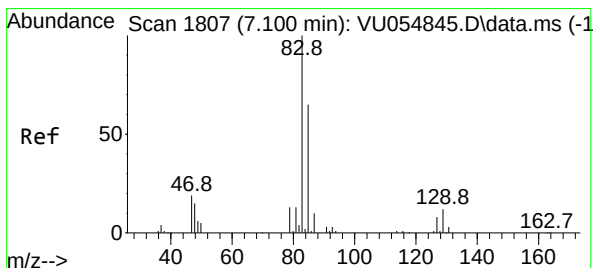
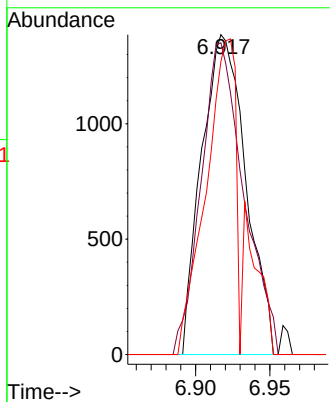
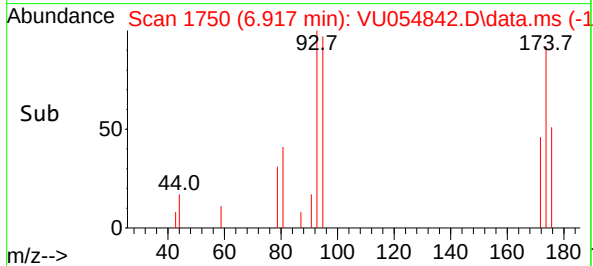
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



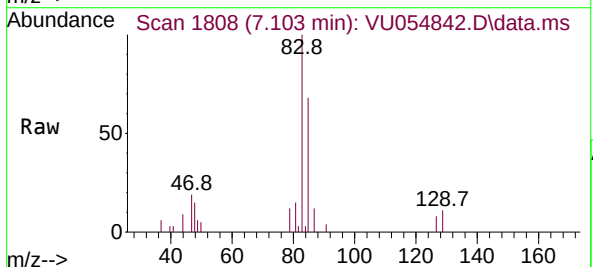
Tgt Ion: 93 Resp: 2872
Ion Ratio Lower Upper
93 100
95 94.2 64.7 97.1
174 73.4 74.4 111.6

Manual Integrations
APPROVED

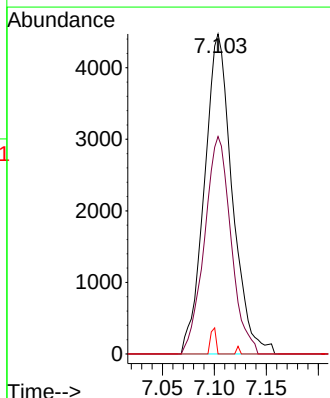
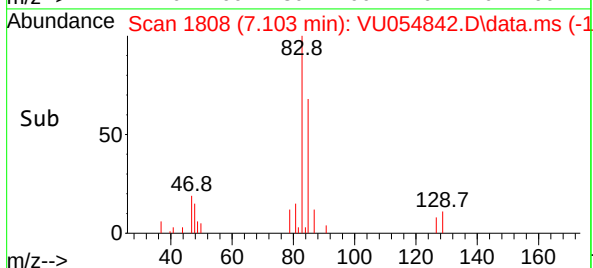
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

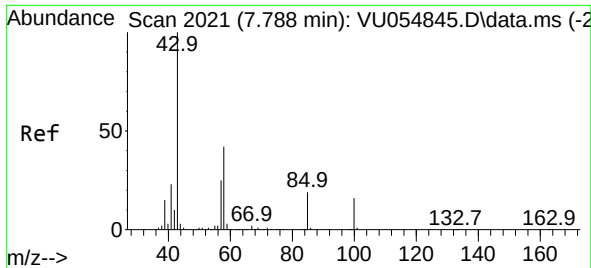


#44
Bromodichloromethane
Concen: 0.964 ug/l
RT: 7.103 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20



Tgt Ion: 83 Resp: 8332
Ion Ratio Lower Upper
83 100
85 67.9 52.2 78.2
127 0.0 6.1 9.1





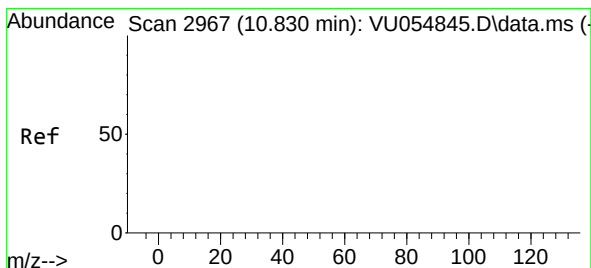
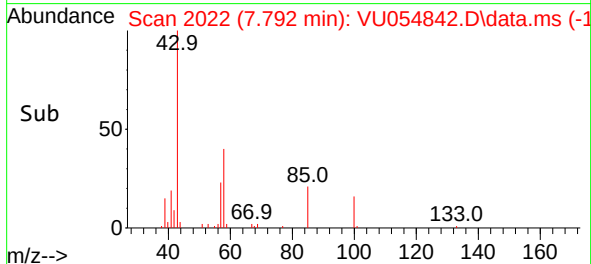
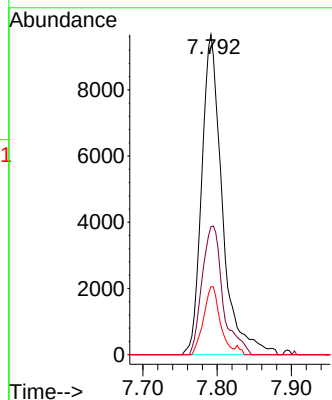
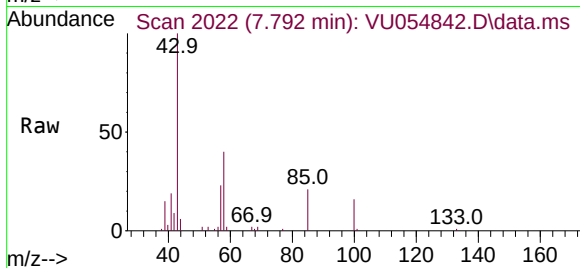
#45
4-Methyl-2-Pentanone
Concen: 4.982 ug/l
RT: 7.792 min Scan# 2021
Delta R.T. 0.003 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 18609
Ion Ratio Lower Upper
43 100
58 40.6 21.3 63.7
85 17.1 15.3 22.9

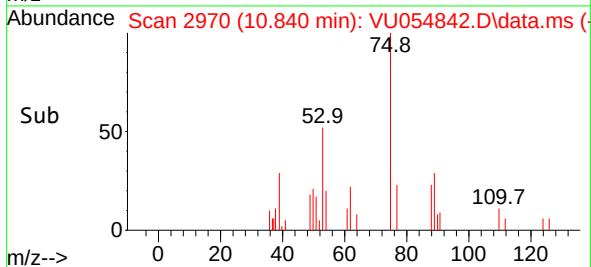
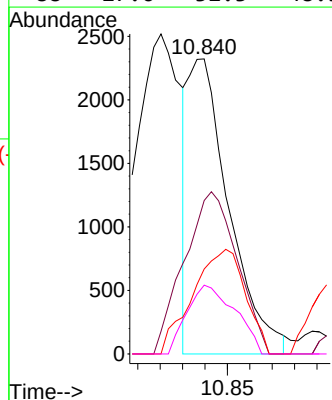
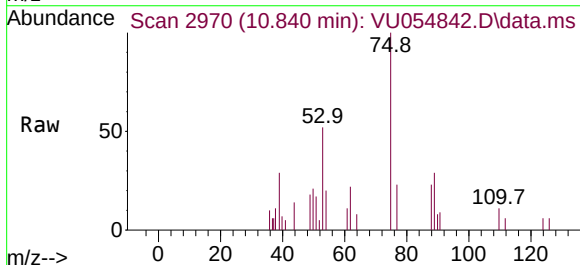
Manual Integrations
APPROVED

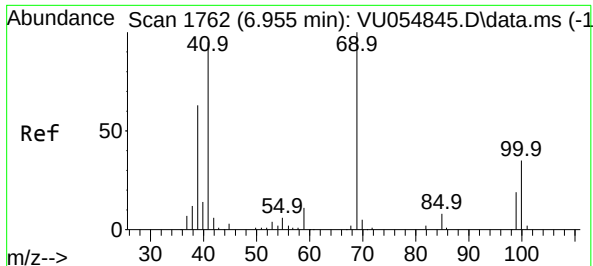
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#46
t-1,4-Dichloro-2-butene
Concen: 1.868 ug/l m
RT: 10.840 min Scan# 2970
Delta R.T. 0.010 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

Tgt Ion: 75 Resp: 2934
Ion Ratio Lower Upper
75 100
53 71.6 62.9 94.3
89 45.8 47.8 71.8#
88 27.6 32.3 48.5#





#47

Methyl methacrylate

Concen: 1.950 ug/l

RT: 6.968 min Scan# 1766

Delta R.T. 0.013 min

Lab File: VU054842.D

Acq: 21 Jul 2023 17:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion: 69 Resp: 578

Ion Ratio Lower Upper

69 100

41 101.9 0.0 193.0

39 71.4 50.4 75.6

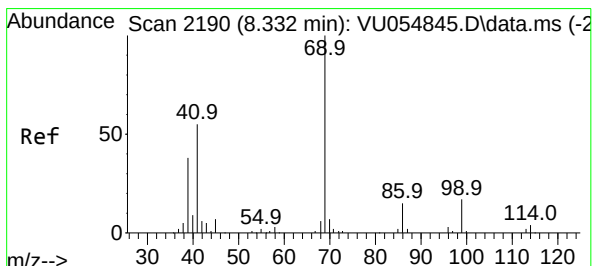
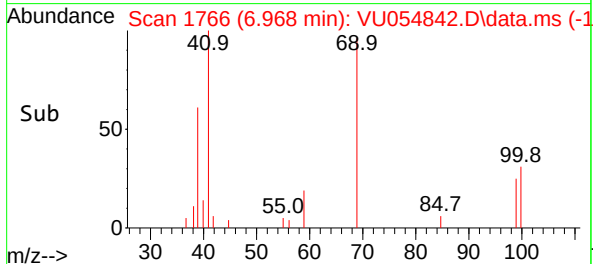
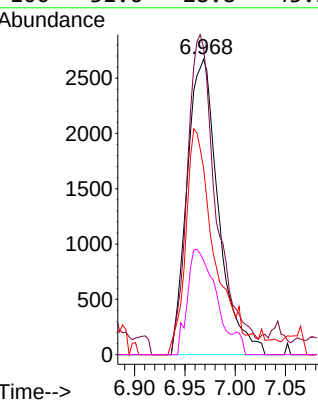
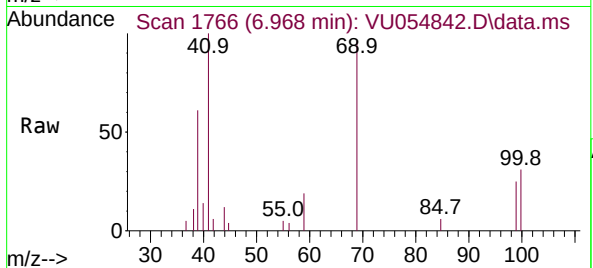
100 31.6 28.8 43.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#48

Ethyl methacrylate

Concen: 0.977 ug/l

RT: 8.332 min Scan# 2190

Delta R.T. 0.000 min

Lab File: VU054842.D

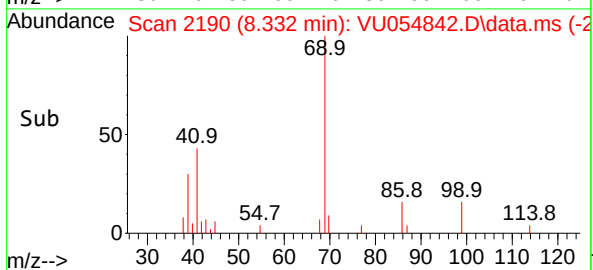
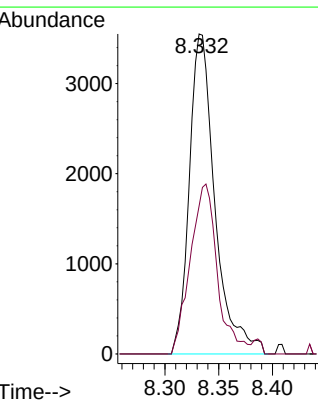
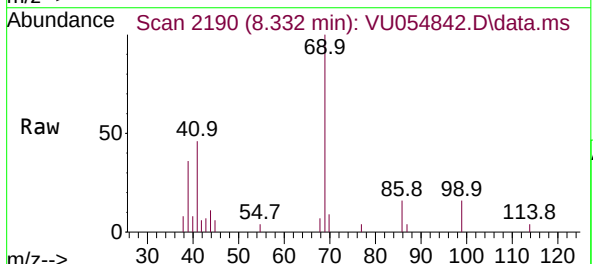
Acq: 21 Jul 2023 17:20

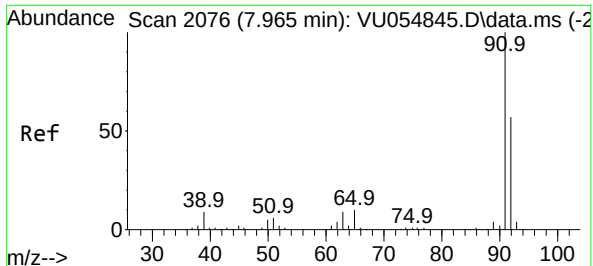
Tgt Ion: 69 Resp: 5885

Ion Ratio Lower Upper

69 100

41 56.2 28.8 86.5





#49

Toluene

Concen: 0.984 ug/l

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU054842.D

Acq: 21 Jul 2023 17:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 92 Resp: 14759

Ion Ratio Lower Upper

92 100

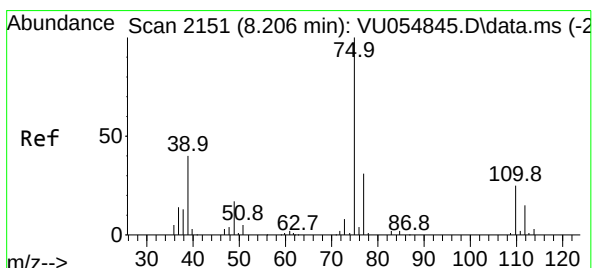
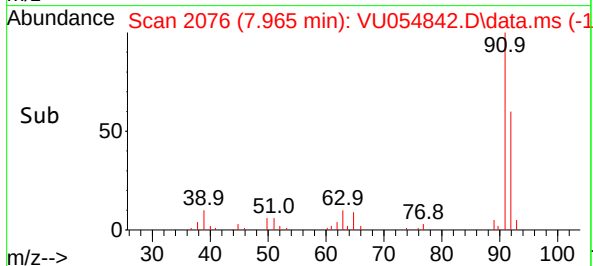
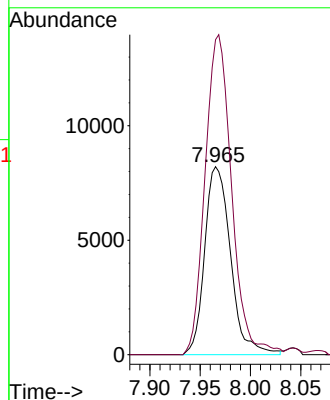
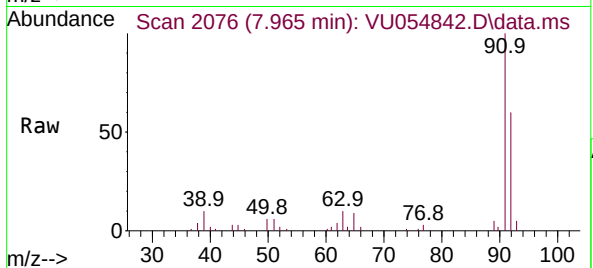
91 174.3 142.9 214.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#50

t-1,3-Dichloropropene

Concen: 0.910 ug/l

RT: 8.210 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU054842.D

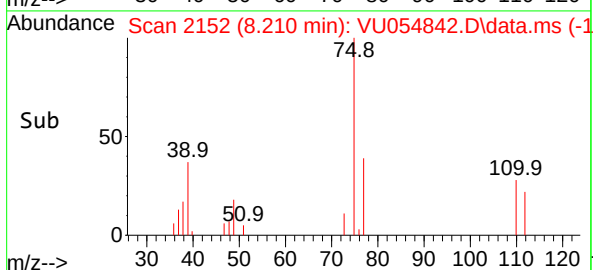
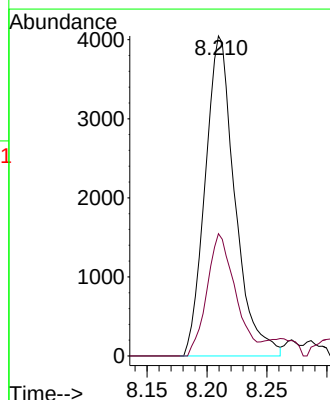
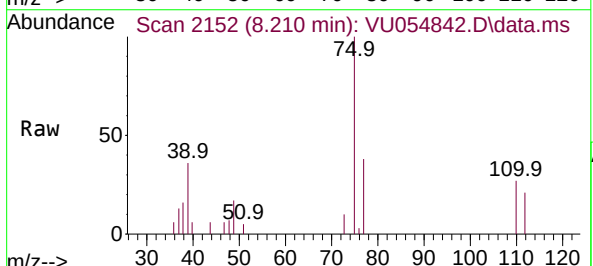
Acq: 21 Jul 2023 17:20

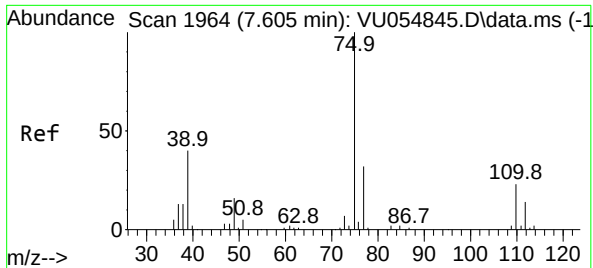
Tgt Ion: 75 Resp: 6972

Ion Ratio Lower Upper

75 100

77 38.2 24.9 37.3#





#51
 cis-1,3-Dichloropropene
 Concen: 0.887 ug/l
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VU054842.D
 Acq: 21 Jul 2023 17:20

Instrument :

MSVOA_U

ClientSampleId :

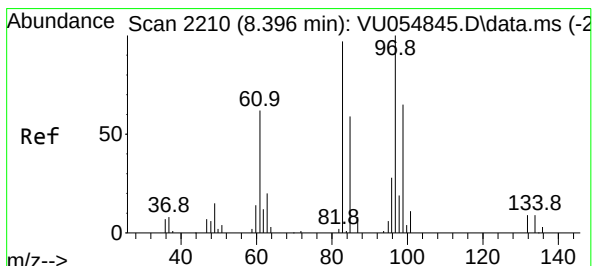
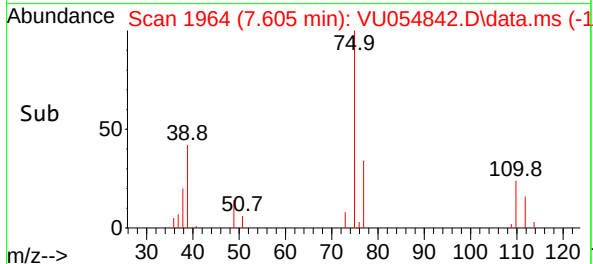
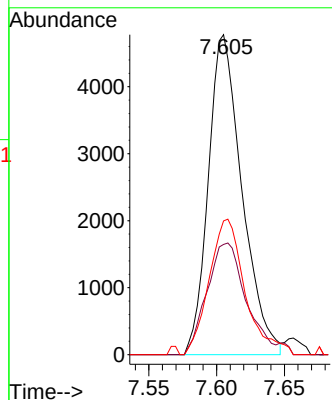
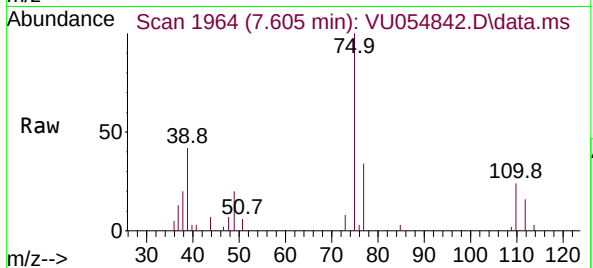
VSTDICC001

Tgt Ion: 75 Resp: 8270
 Ion Ratio Lower Upper
 75 100
 77 34.5 25.8 38.8
 39 41.8 31.7 47.5

Manual Integrations

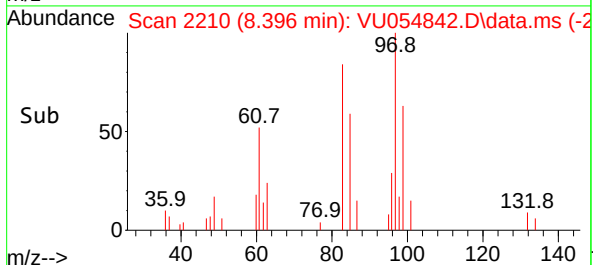
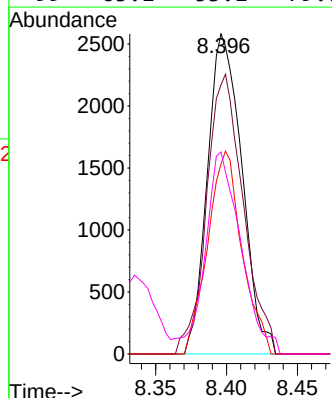
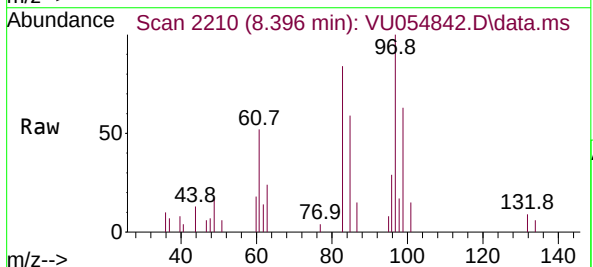
APPROVED

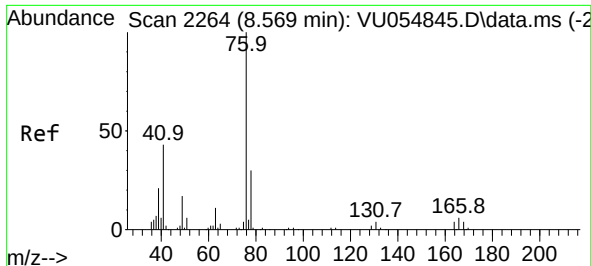
Reviewed By :Semsettin Yesilyurt 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#52
 1,1,2-Trichloroethane
 Concen: 0.917 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VU054842.D
 Acq: 21 Jul 2023 17:20

Tgt Ion: 97 Resp: 4365
 Ion Ratio Lower Upper
 97 100
 83 84.1 77.4 116.2
 85 59.4 47.8 71.8
 99 63.1 53.1 79.7





#53

1,3-Dichloropropane

Concen: 0.916 ug/l

RT: 8.573 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU054842.D

Acq: 21 Jul 2023 17:20

Instrument :

MSVOA_U

ClientSampleId :

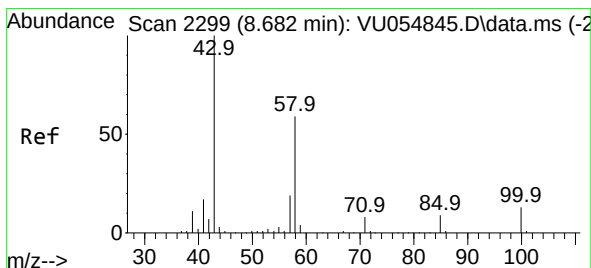
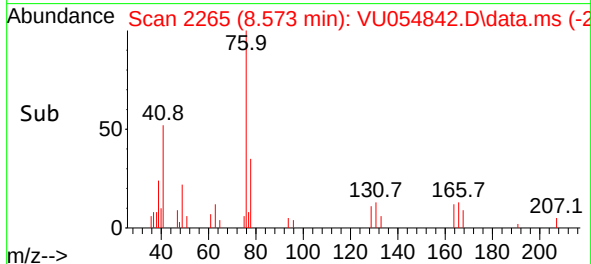
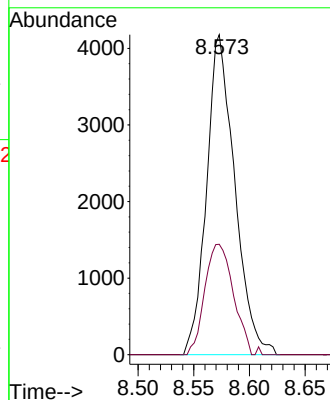
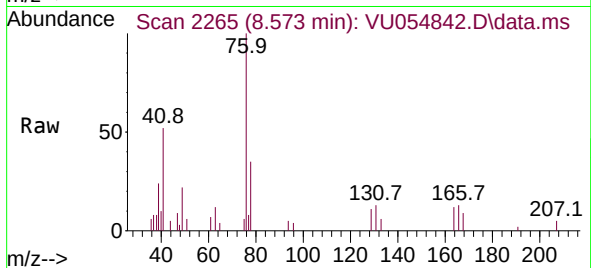
VSTDICC001

Tgt Ion: 76 Resp: 7350
 Ion Ratio Lower Upper
 76 100
 78 34.8 24.6 36.8

Manual Integrations

APPROVED

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



#54

2-Hexanone

Concen: 4.654 ug/l

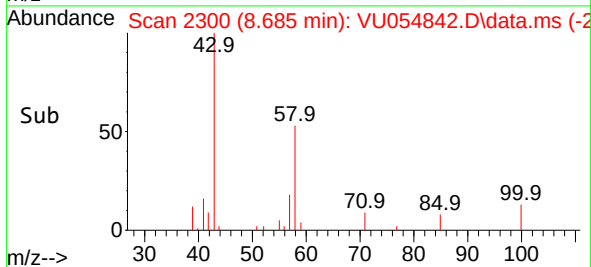
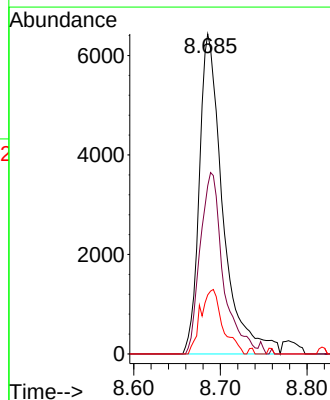
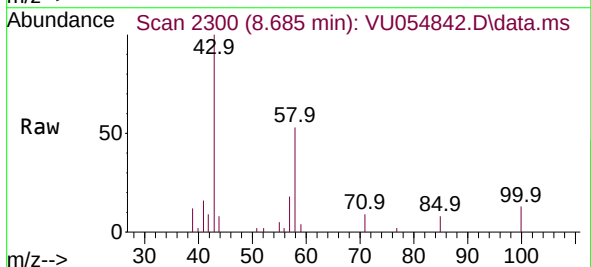
RT: 8.685 min Scan# 2300

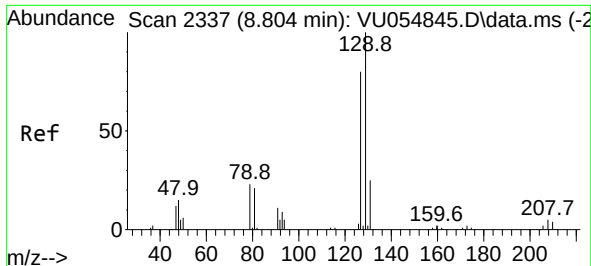
Delta R.T. 0.003 min

Lab File: VU054842.D

Acq: 21 Jul 2023 17:20

Tgt Ion: 43 Resp: 12119
 Ion Ratio Lower Upper
 43 100
 58 55.6 38.9 78.9
 57 18.9 0.0 38.7





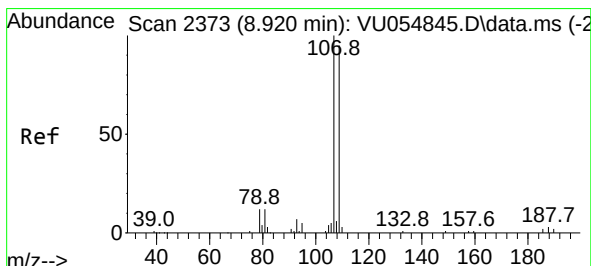
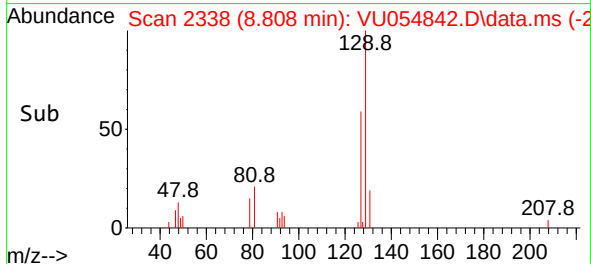
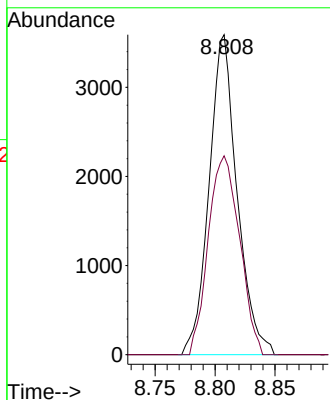
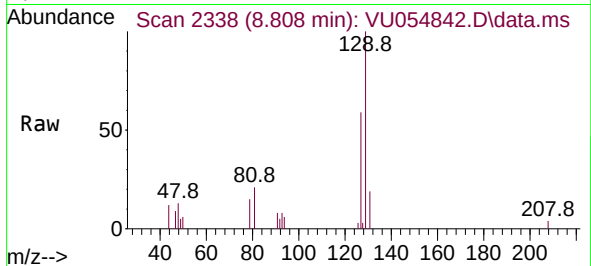
#55
Dibromochloromethane
Concen: 1.024 ug/l
RT: 8.808 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:129 Resp: 5829
Ion Ratio Lower Upper
129 100
127 69.4 61.4 92.0

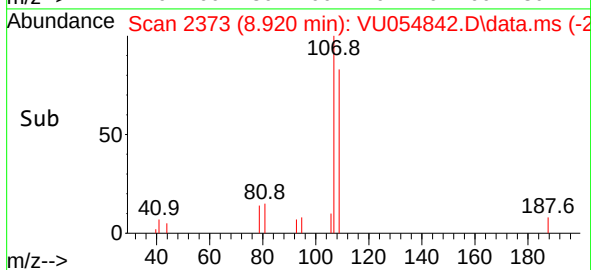
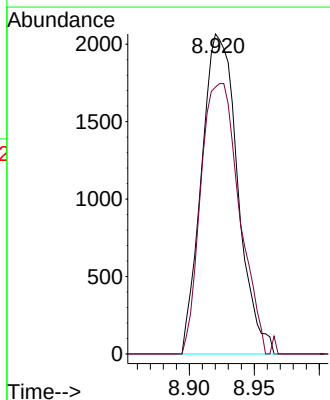
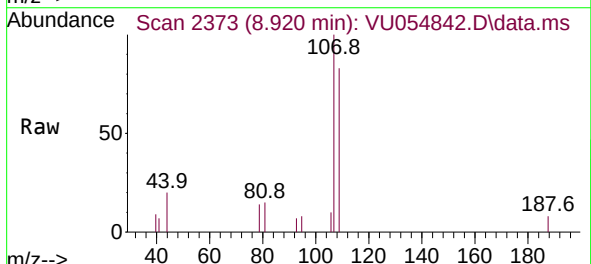
Manual Integrations
APPROVED

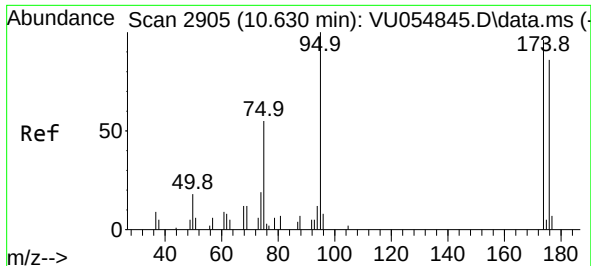
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#56
1,2-Dibromoethane
Concen: 0.959 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.000 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

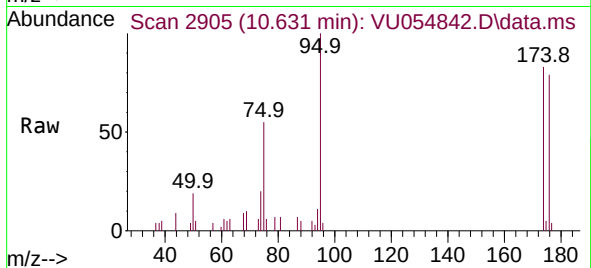
Tgt Ion:107 Resp: 3994
Ion Ratio Lower Upper
107 100
109 90.0 0.0 185.4





#57
4-Bromofluorobenzene
Concen: 0.976 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

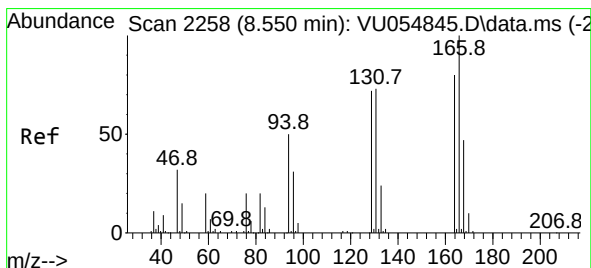
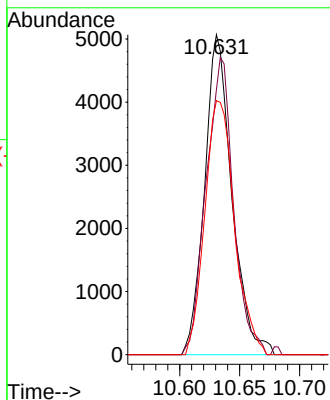
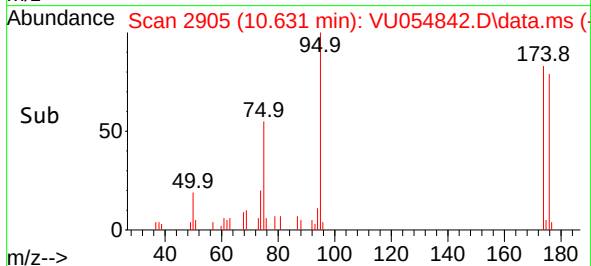
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 95 Resp: 802
Ion Ratio Lower Upper
95 100
174 93.6 79.3 118.9
176 86.2 71.5 107.3

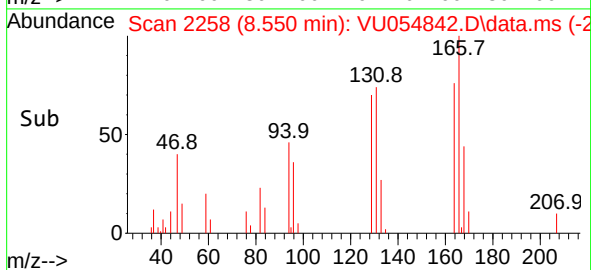
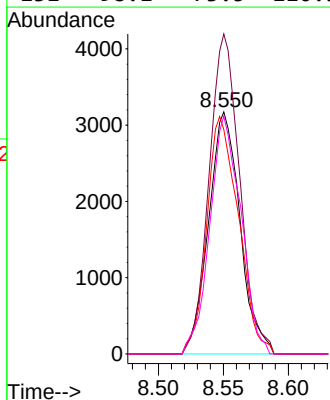
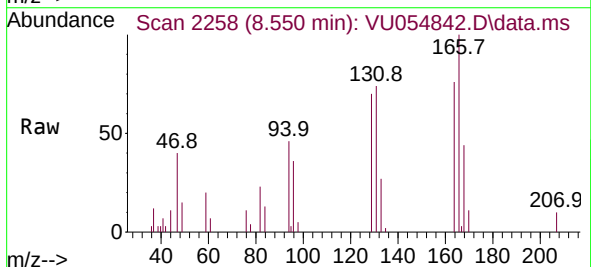
Manual Integrations
APPROVED

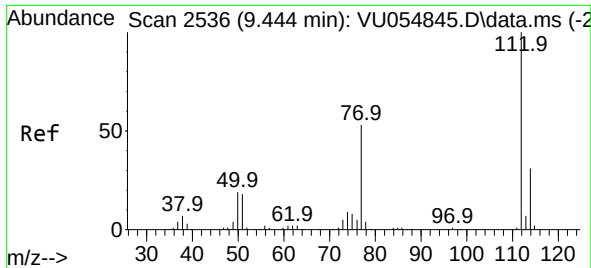
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#58
Tetrachloroethene
Concen: 0.964 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

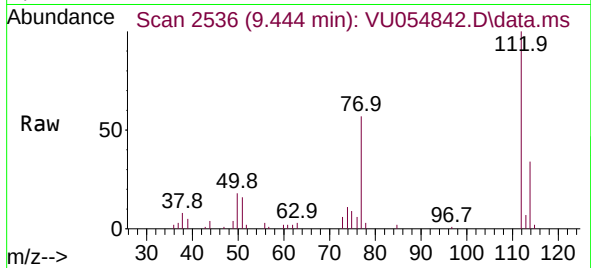
Tgt Ion:164 Resp: 5338
Ion Ratio Lower Upper
164 100
166 132.2 100.4 150.6
129 92.7 71.9 107.9
131 98.1 73.5 110.3





#59
Chlorobenzene
Concen: 0.960 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

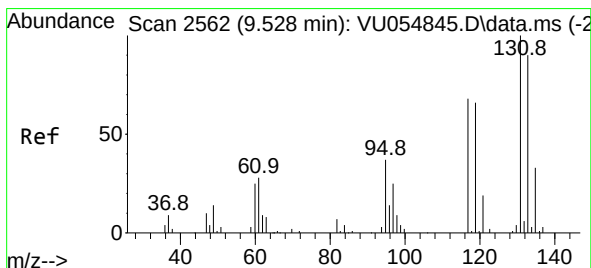
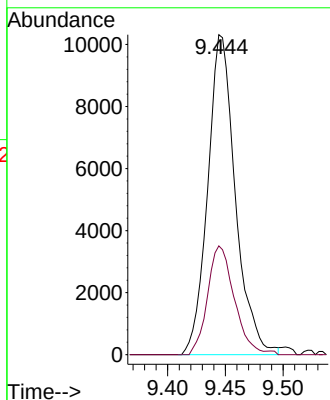
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



Tgt Ion:112 Resp: 1716
Ion Ratio Lower Upper
112 100
114 34.0 25.0 37.6

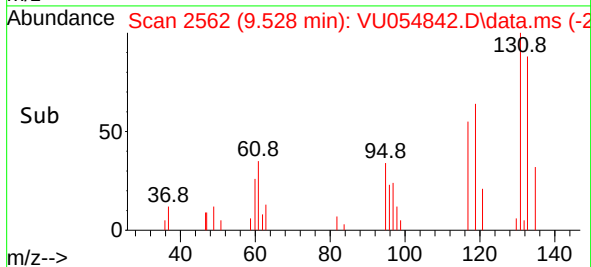
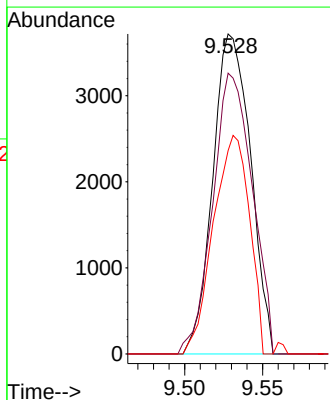
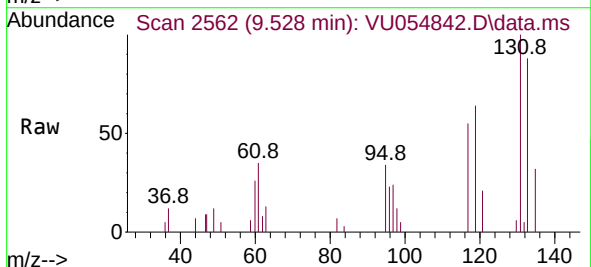
Manual Integrations
APPROVED

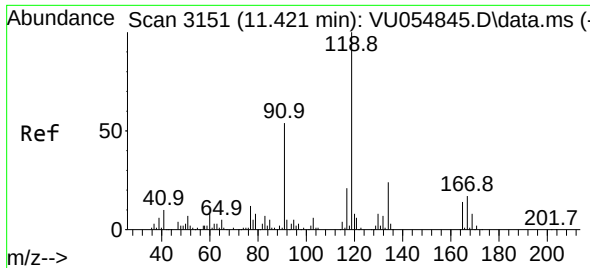
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 0.993 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

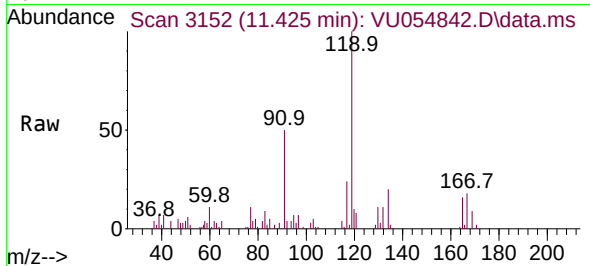
Tgt Ion:131 Resp: 6265
Ion Ratio Lower Upper
131 100
133 92.0 74.2 111.4
119 65.5 51.0 76.4





#61
Pentachloroethane
Concen: 0.930 ug/l
RT: 11.425 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

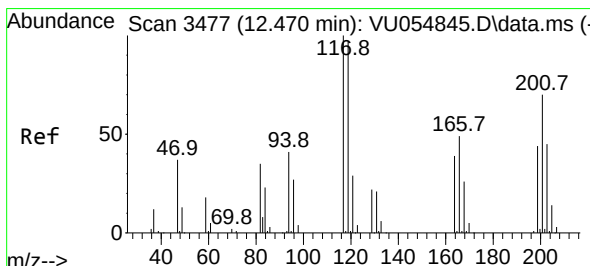
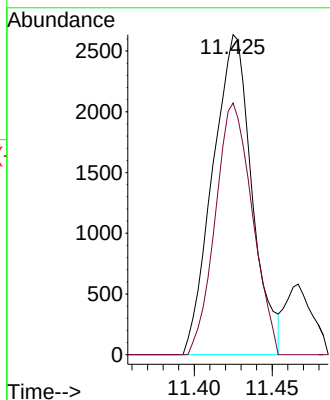
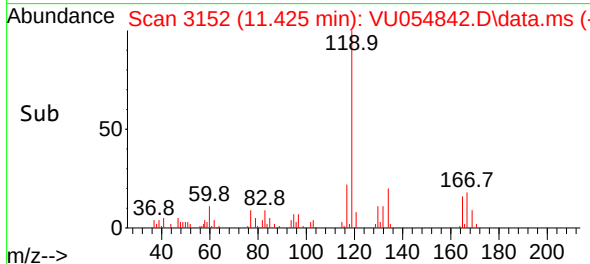
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion:117 Resp: 4620
Ion Ratio Lower Upper
117 100
167 74.0 65.3 97.9

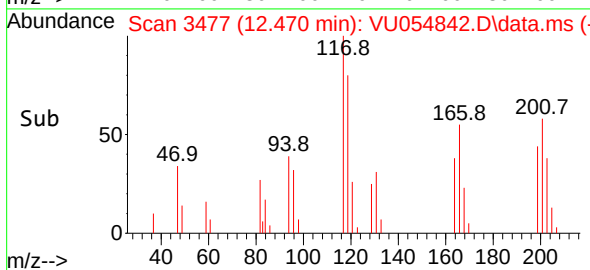
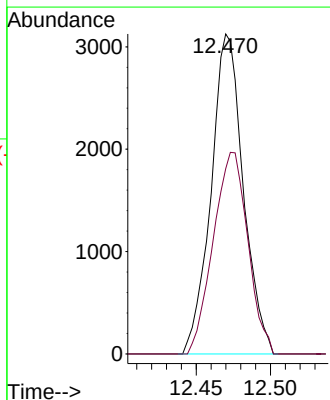
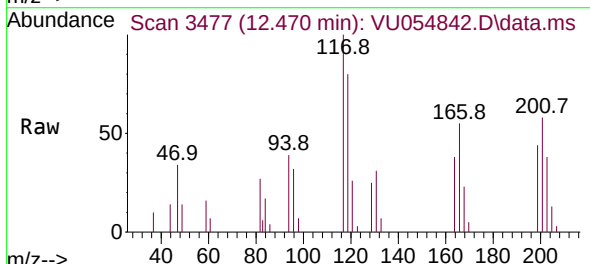
Manual Integrations
APPROVED

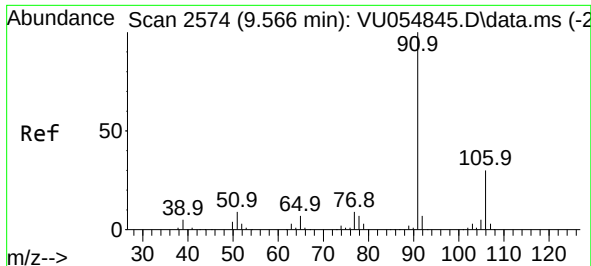
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#62
Hexachloroethane
Concen: 0.924 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. 0.000 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

Tgt Ion:117 Resp: 4717
Ion Ratio Lower Upper
117 100
201 67.6 56.1 84.1





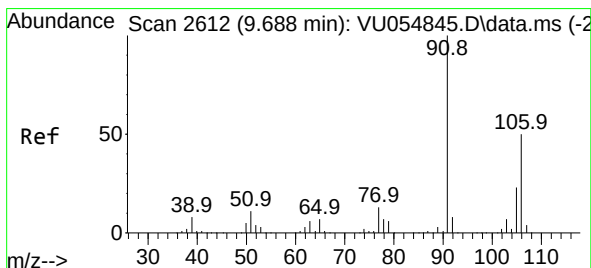
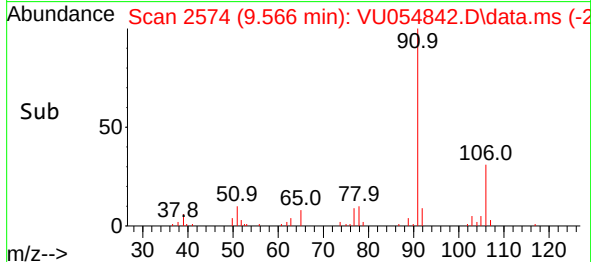
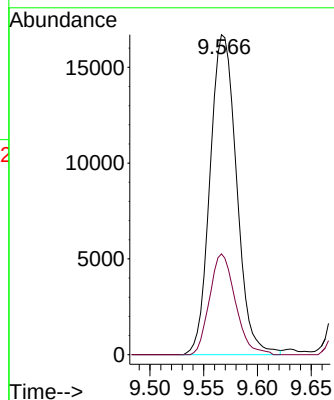
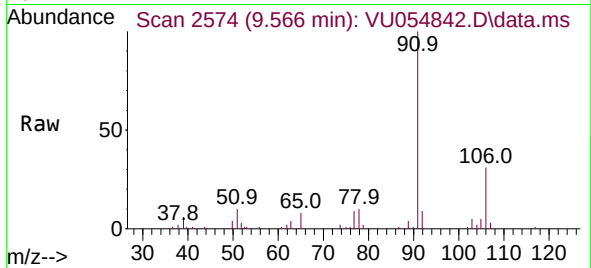
#63
Ethyl Benzene
Concen: 0.940 ug/l
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 2863
Ion Ratio Lower Upper
91 100
106 31.5 24.2 36.2

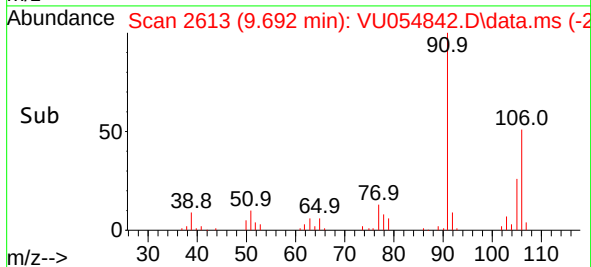
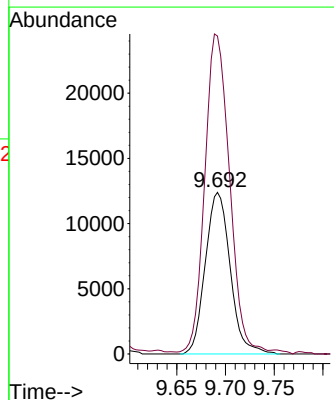
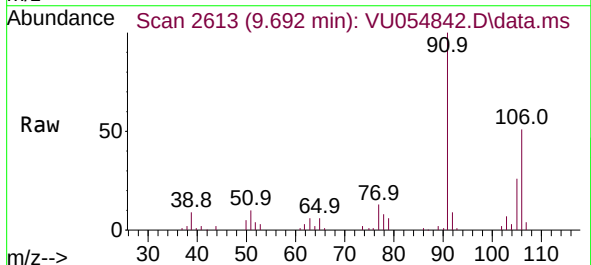
Manual Integrations
APPROVED

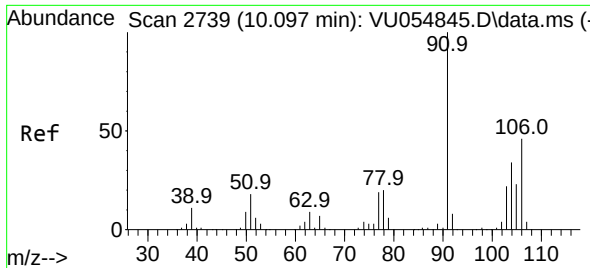
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#64
m/p-Xylenes
Concen: 1.915 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

Tgt Ion:106 Resp: 22066
Ion Ratio Lower Upper
106 100
91 193.8 158.8 238.2





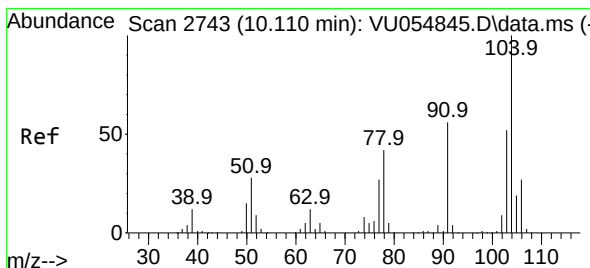
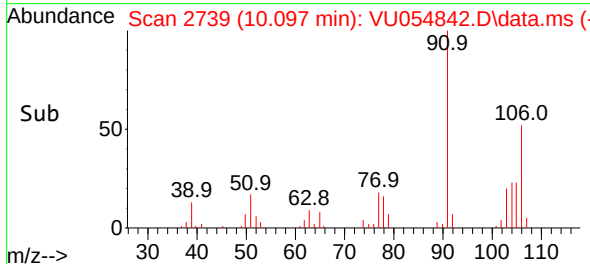
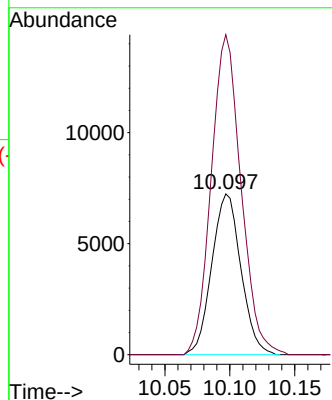
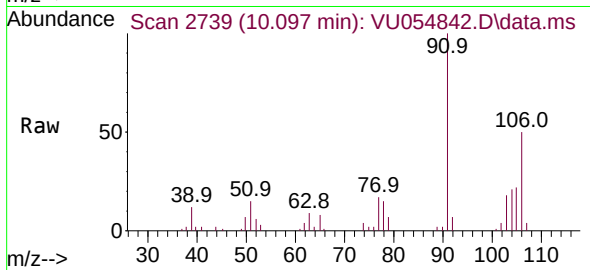
#65
o-Xylene
Concen: 0.971 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 11268
Ion Ratio Lower Upper
106 100
91 203.5 108.9 326.8

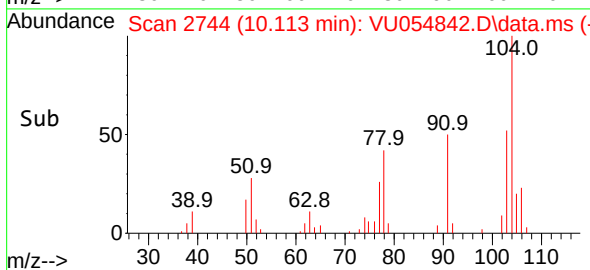
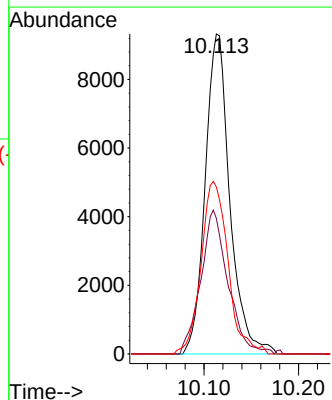
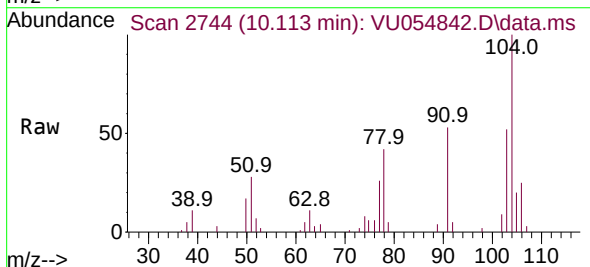
Manual Integrations
APPROVED

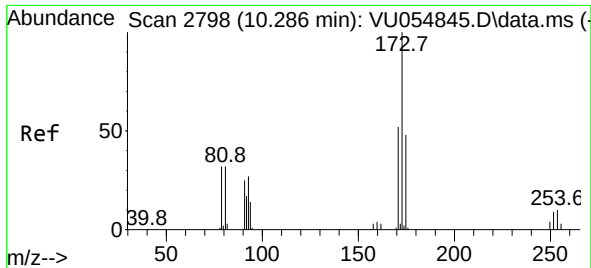
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#66
Styrene
Concen: 0.906 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

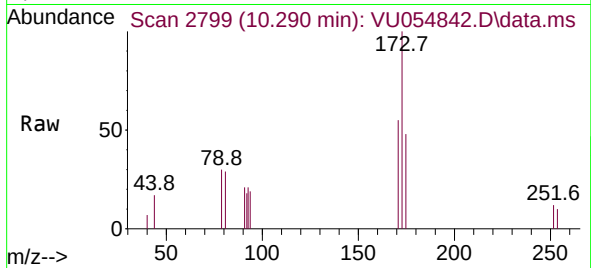
Tgt Ion:104 Resp: 16890
Ion Ratio Lower Upper
104 100
78 49.7 37.5 56.3
103 59.0 45.2 67.8





#67
Bromoform
Concen: 0.920 ug/l
RT: 10.290 min Scan# 2798
Delta R.T. 0.003 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

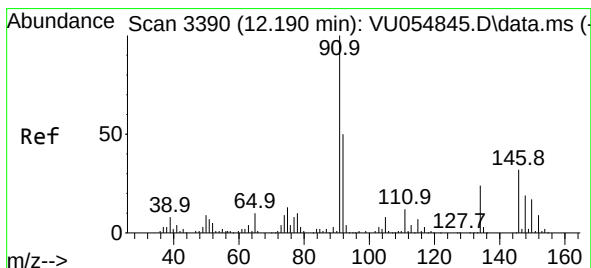
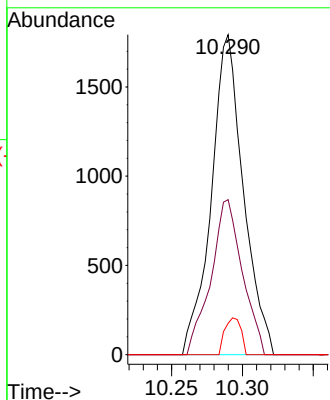
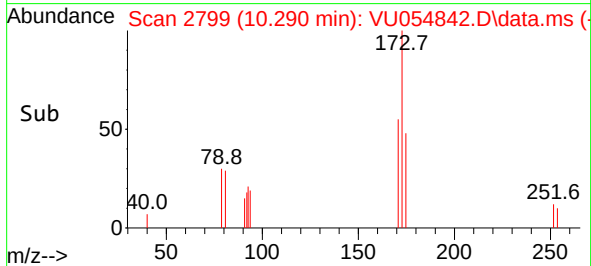
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



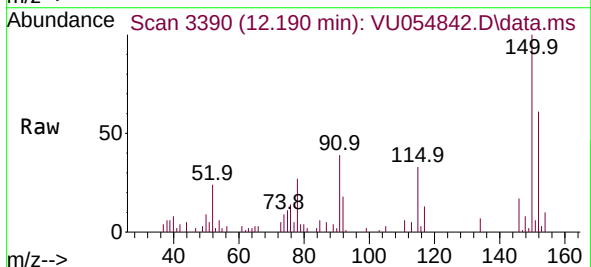
Tgt Ion:173 Resp: 282
Ion Ratio Lower Upper
173 100
175 47.4 39.0 58.6
254 5.8 7.4 11.0

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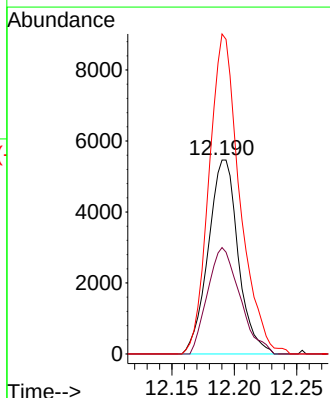
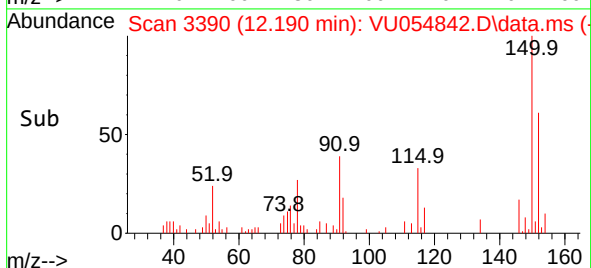
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

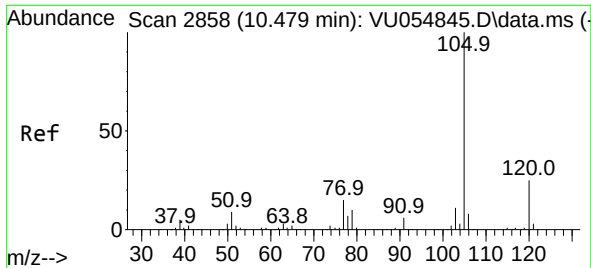


#68
1,2-Dichlorobenzene-d4
Concen: 0.960 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.000 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20



Tgt Ion:152 Resp: 9137
Ion Ratio Lower Upper
152 100
115 59.3 0.0 234.8
150 169.3 0.0 598.2





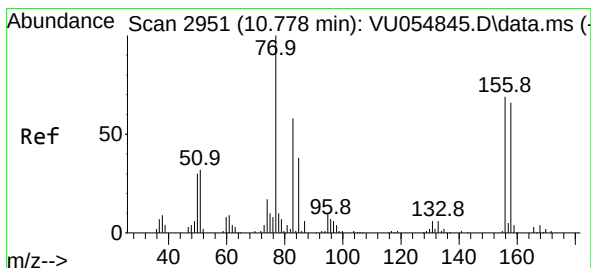
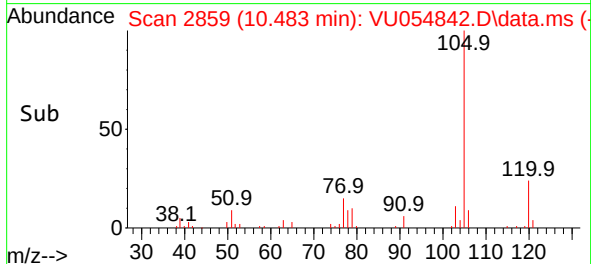
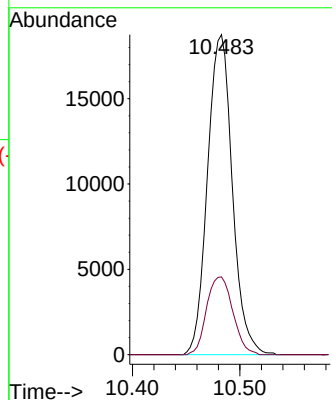
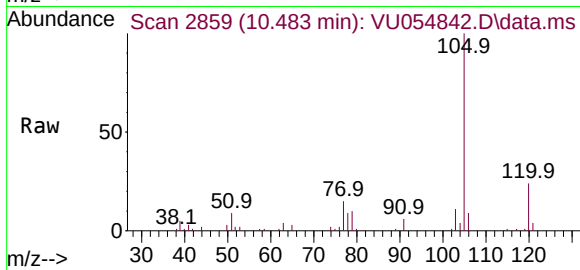
#69
Isopropylbenzene
Concen: 0.956 ug/l
RT: 10.483 min Scan# 2858
Delta R.T. 0.003 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:105 Resp: 3009
Ion Ratio Lower Upper
105 100
120 25.6 12.6 37.6

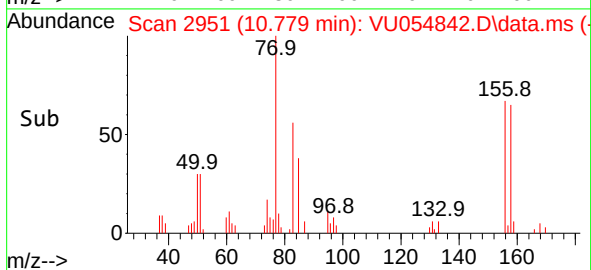
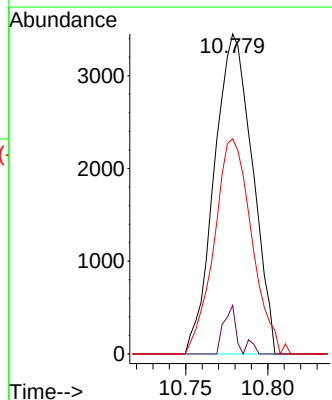
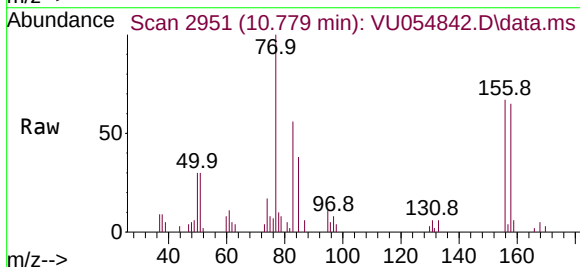
Manual Integrations
APPROVED

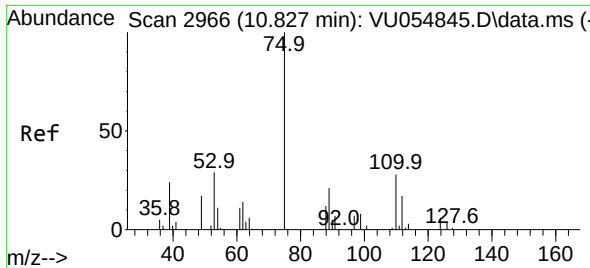
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 0.938 ug/l
RT: 10.779 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

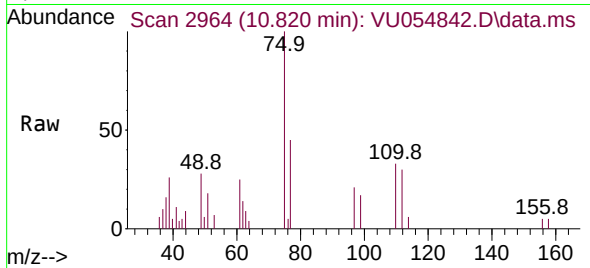
Tgt Ion: 83 Resp: 5569
Ion Ratio Lower Upper
83 100
131 4.7 7.5 11.3#
85 66.4 53.0 79.6





#71
1,2,3-Trichloropropane
Concen: 0.928 ug/l m
RT: 10.820 min Scan# 2964
Delta R.T. -0.006 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

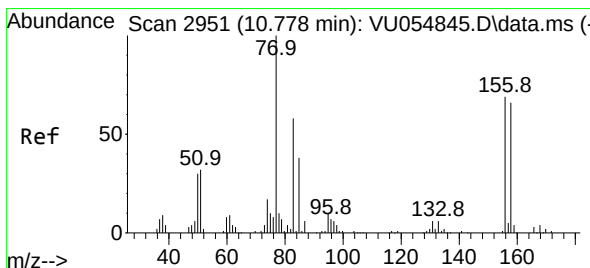
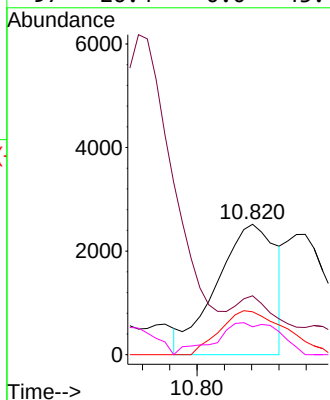
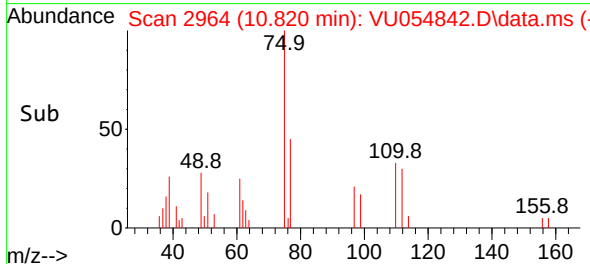
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



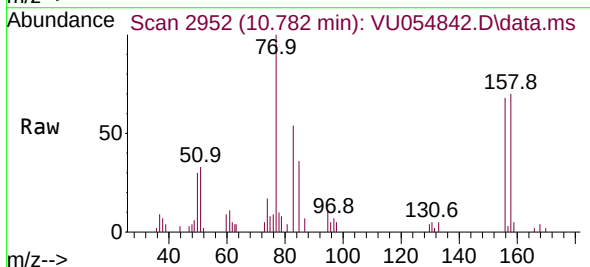
Tgt Ion: 75 Resp: 378
Ion Ratio Lower Upper
75 100
77 16.8 0.0 0.0
110 37.3 0.0 80.8
97 26.4 0.0 43.4

Manual Integrations
APPROVED

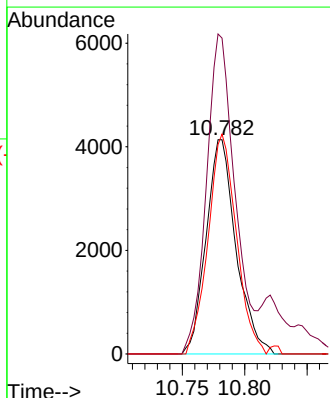
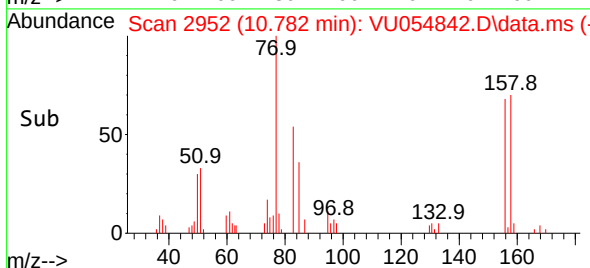
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

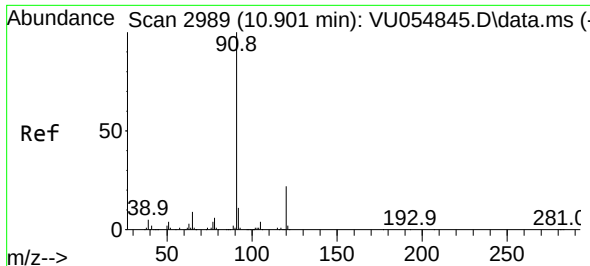


#72
Bromobenzene
Concen: 0.953 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20



Tgt Ion:156 Resp: 6923
Ion Ratio Lower Upper
156 100
77 142.6 0.0 293.2
158 96.8 0.0 189.8





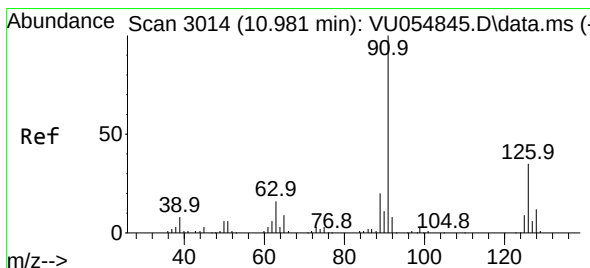
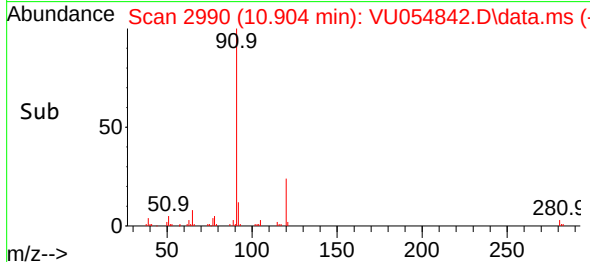
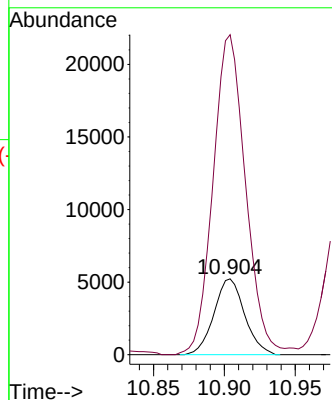
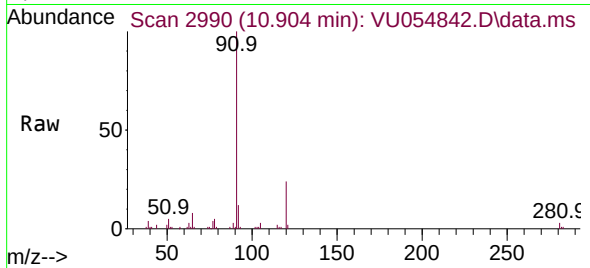
#73
n-propylbenzene
Concen: 0.930 ug/l
RT: 10.904 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:120 Resp: 786
Ion Ratio Lower Upper
120 100
91 448.1 361.8 542.6

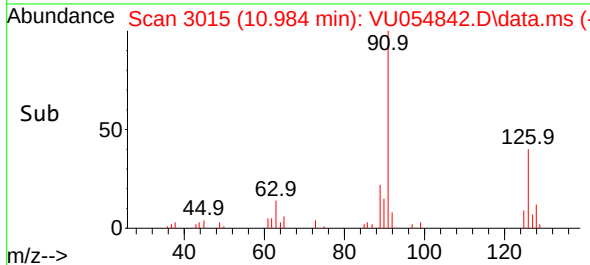
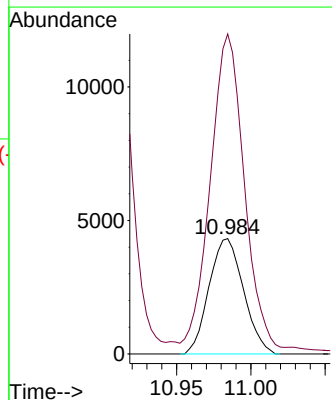
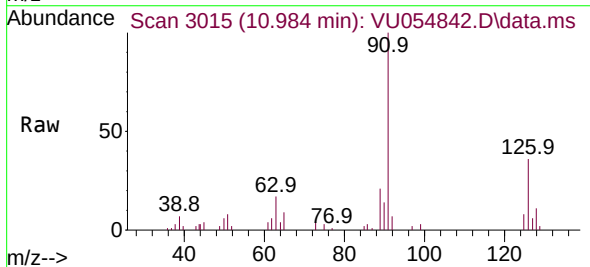
Manual Integrations
APPROVED

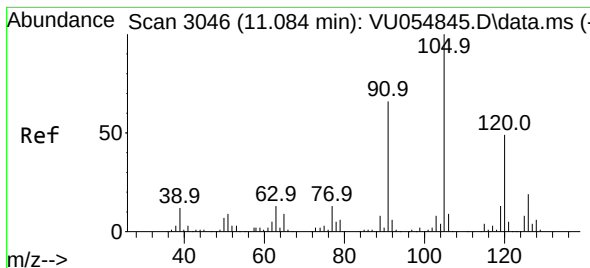
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#74
2-Chlorotoluene
Concen: 0.945 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. 0.003 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

Tgt Ion:126 Resp: 6963
Ion Ratio Lower Upper
126 100
91 282.4 0.0 561.4





#75

1,3,5-Trimethylbenzene

Concen: 0.947 ug/l

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU054842.D

Acq: 21 Jul 2023 17:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion:105 Resp: 2428

Ion Ratio Lower Upper

105 100

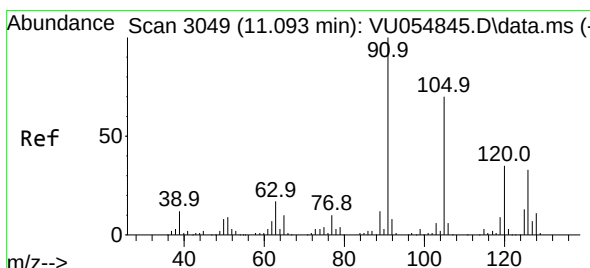
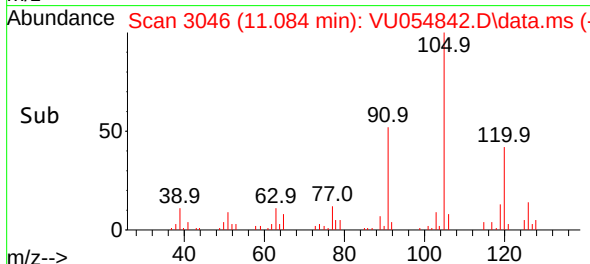
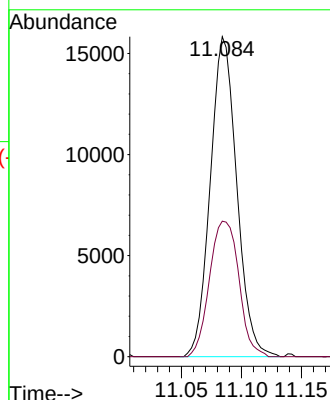
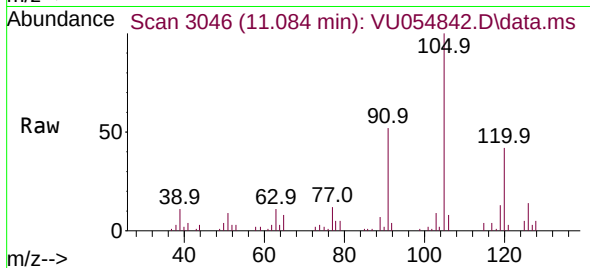
120 46.9 39.0 58.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#76

4-Chlorotoluene

Concen: 1.000 ug/l

RT: 11.097 min Scan# 3050

Delta R.T. 0.003 min

Lab File: VU054842.D

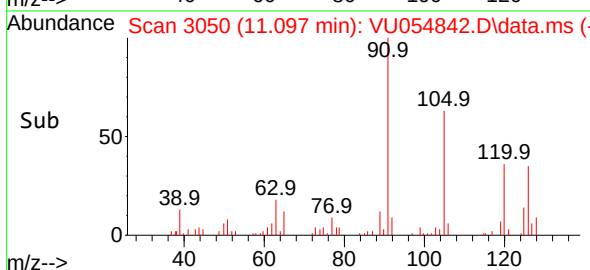
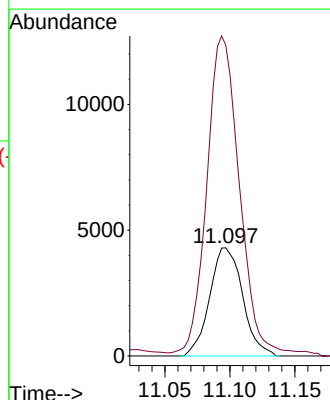
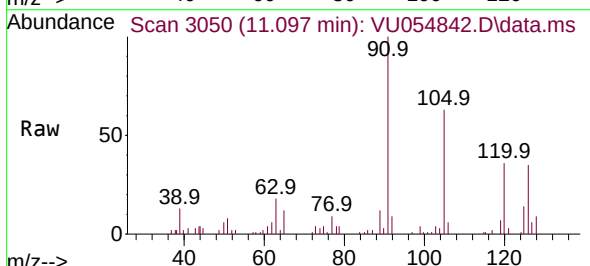
Acq: 21 Jul 2023 17:20

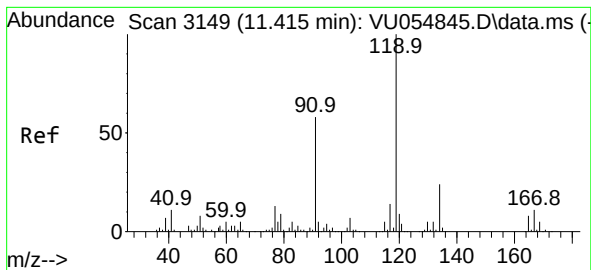
Tgt Ion:126 Resp: 7574

Ion Ratio Lower Upper

126 100

91 296.6 0.0 623.4





#77

tert-Butylbenzene

Concen: 0.934 ug/l

RT: 11.418 min Scan# 3149

Delta R.T. 0.003 min

Lab File: VU054842.D

Acq: 21 Jul 2023 17:20

Instrument :

MSVOA_U

ClientSampleId :

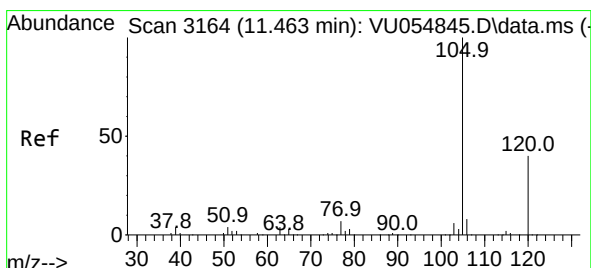
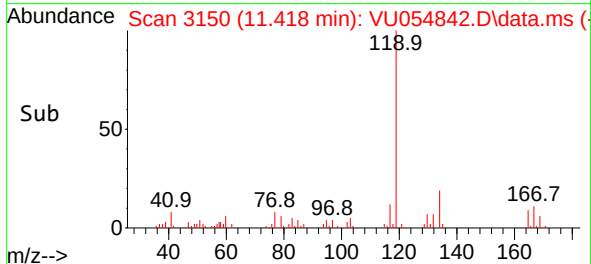
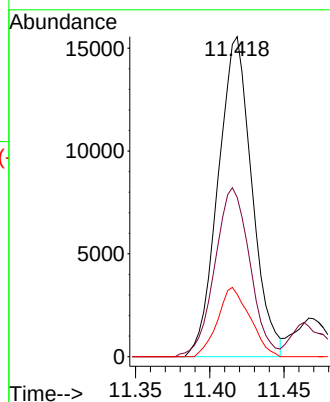
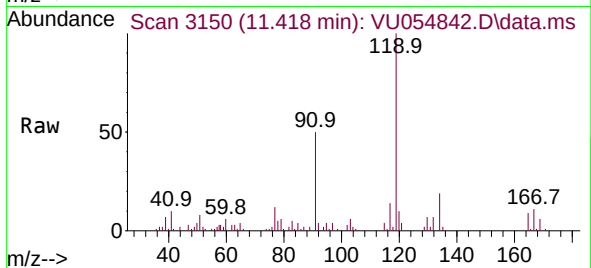
VSTDIC001

Tgt Ion:	119	Resp:	2466
Ion Ratio	Lower	Upper	
119	100		
91	54.7	27.7	83.1
134	20.6	18.6	27.8

Manual Integrations

APPROVED

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



#78

1,2,4-Trimethylbenzene

Concen: 0.896 ug/l

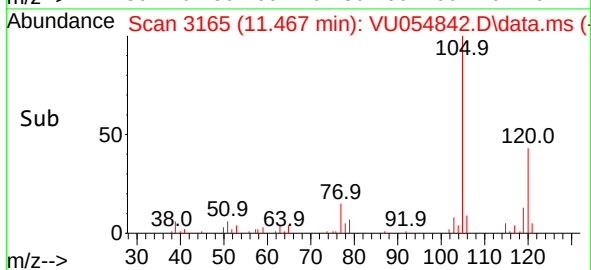
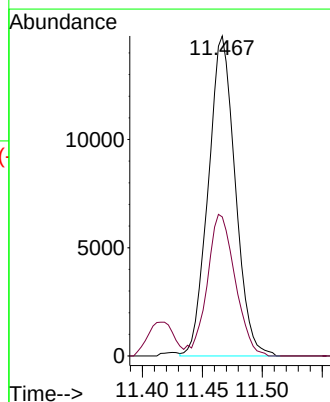
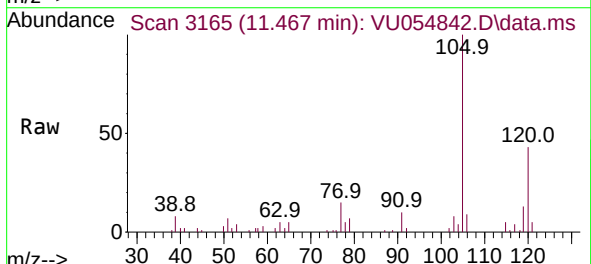
RT: 11.467 min Scan# 3165

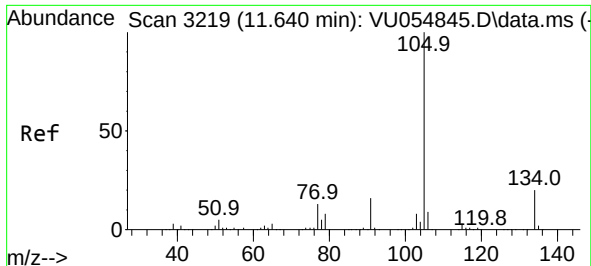
Delta R.T. 0.003 min

Lab File: VU054842.D

Acq: 21 Jul 2023 17:20

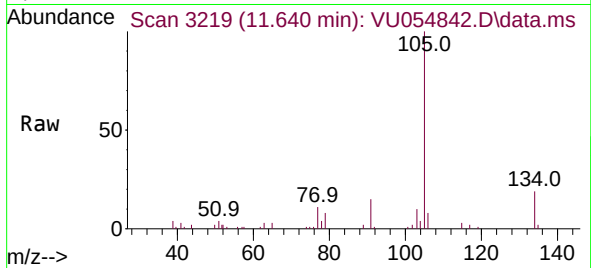
Tgt Ion:	105	Resp:	23102
Ion Ratio	Lower	Upper	
105	100		
120	45.8	22.4	67.3





#79
 sec-Butylbenzene
 Concen: 0.930 ug/l
 RT: 11.640 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU054842.D
 Acq: 21 Jul 2023 17:20

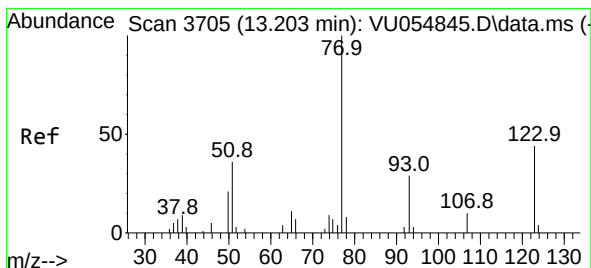
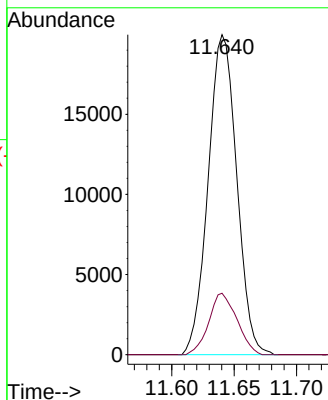
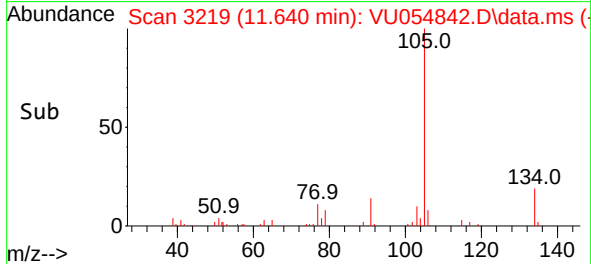
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001



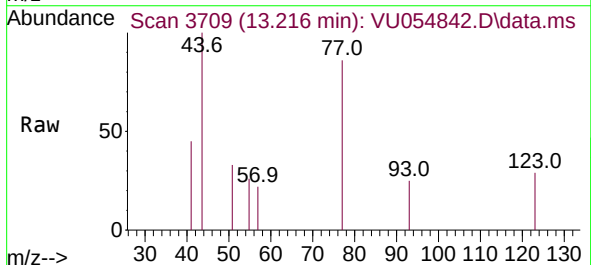
Tgt Ion:105 Resp: 3186
 Ion Ratio Lower Upper
 105 100
 134 18.9 15.7 23.5

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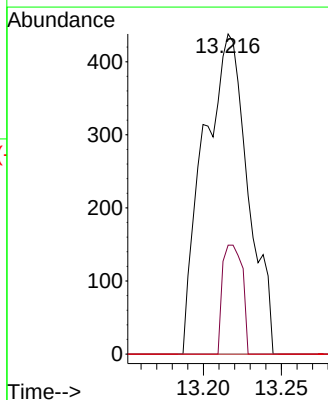
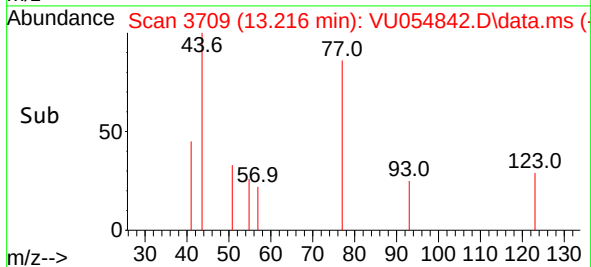
Reviewed By :Semsettin Yesilyurt 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023

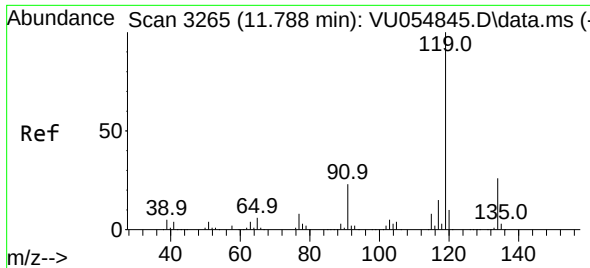


#80
 Nitrobenzene
 Concen: 6.832 ug/l
 RT: 13.216 min Scan# 3709
 Delta R.T. 0.013 min
 Lab File: VU054842.D
 Acq: 21 Jul 2023 17:20



Tgt Ion: 77 Resp: 867
 Ion Ratio Lower Upper
 77 100
 123 15.1 20.2 71.8#
 65 0.0 11.7 14.9#





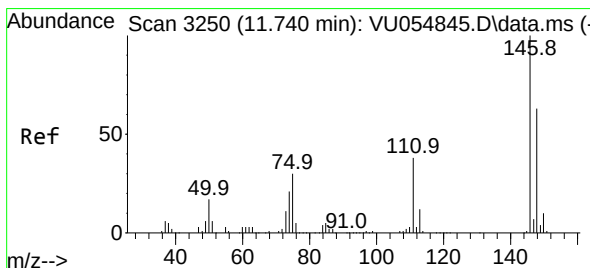
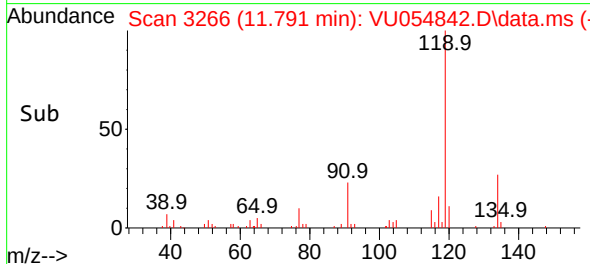
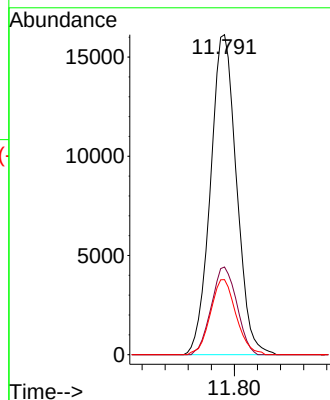
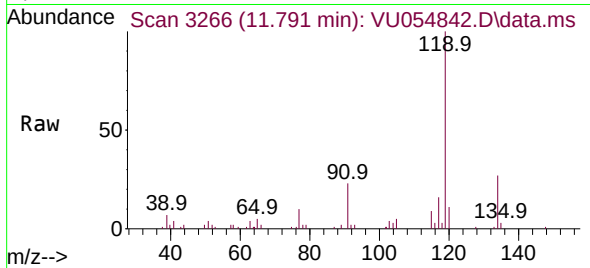
#81
p-Isopropyltoluene
Concen: 0.903 ug/l
RT: 11.791 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion:119 Resp: 2522
Ion Ratio Lower Upper
119 100
134 26.8 20.6 31.0
91 23.1 18.2 27.4

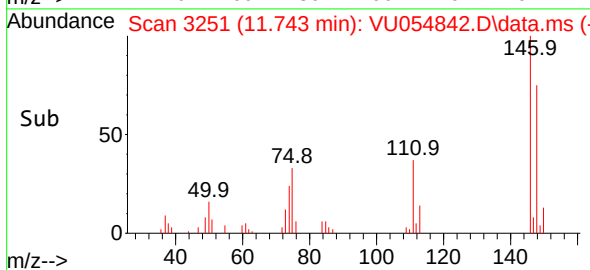
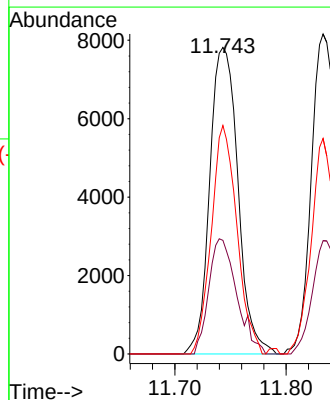
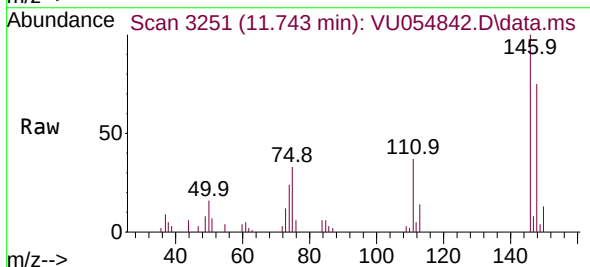
Manual Integrations
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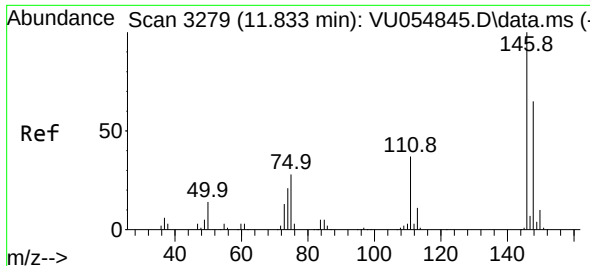
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#82
1,3-Dichlorobenzene
Concen: 0.946 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.003 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

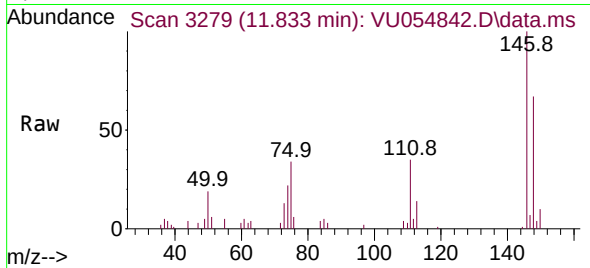
Tgt Ion:146 Resp: 13759
Ion Ratio Lower Upper
146 100
111 37.2 30.5 45.7
148 67.8 51.0 76.6





#83
1,4-Dichlorobenzene
Concen: 0.935 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

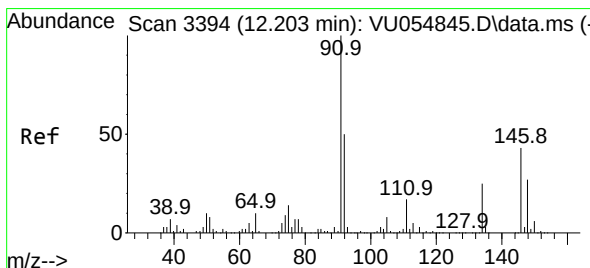
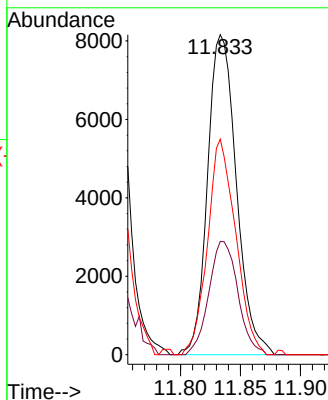
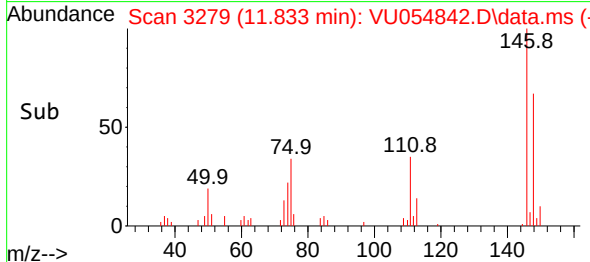
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



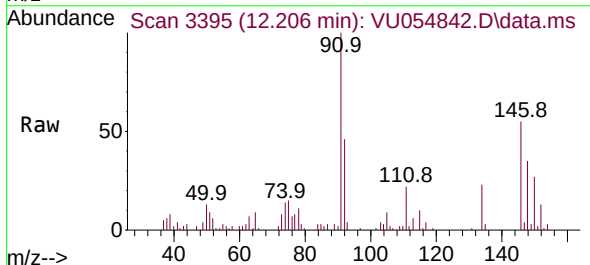
Tgt Ion:146 Resp: 13639
Ion Ratio Lower Upper
146 100
111 35.6 29.5 44.3
148 65.8 51.2 76.8

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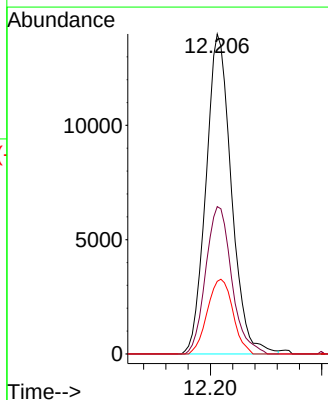
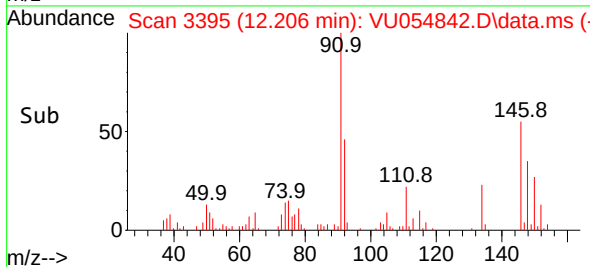
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

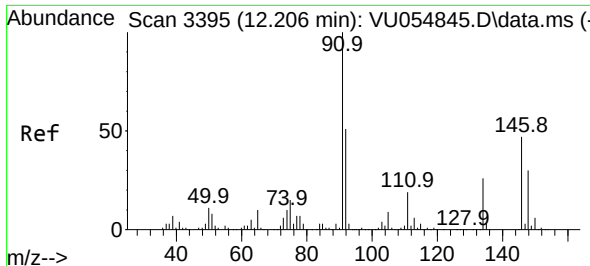


#84
n-Butylbenzene
Concen: 0.862 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20



Tgt Ion: 91 Resp: 22151
Ion Ratio Lower Upper
91 100
92 47.1 39.8 59.8
134 23.4 20.2 30.4





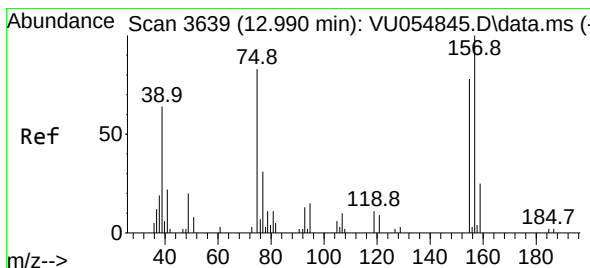
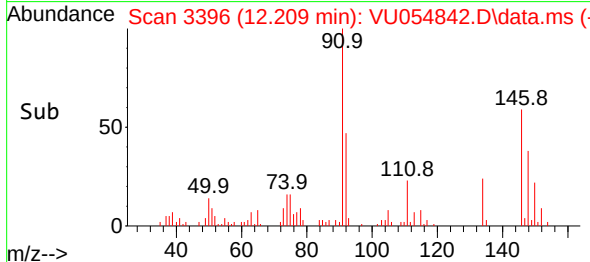
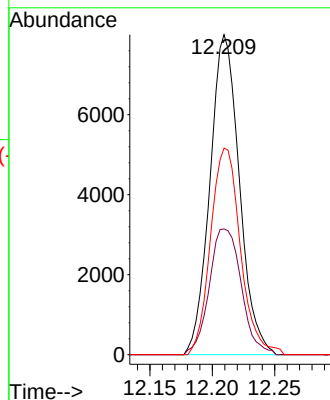
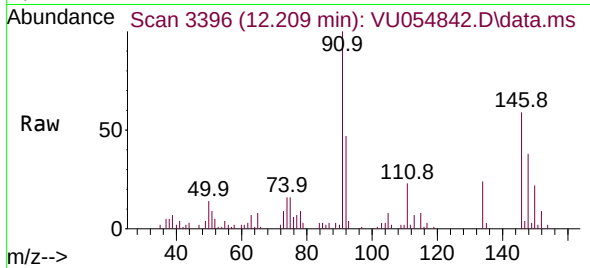
#85
1,2-Dichlorobenzene
Concen: 0.950 ug/l
RT: 12.209 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:146 Resp: 1315
Ion Ratio Lower Upper
146 100
111 42.6 19.8 59.4
148 65.6 31.8 95.3

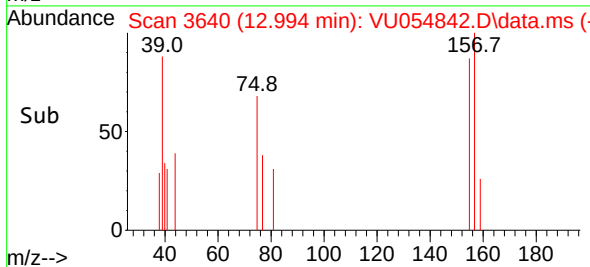
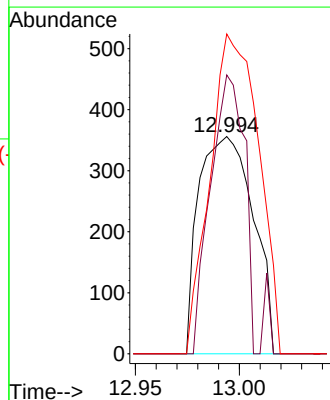
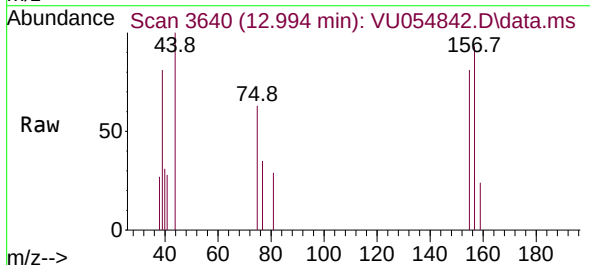
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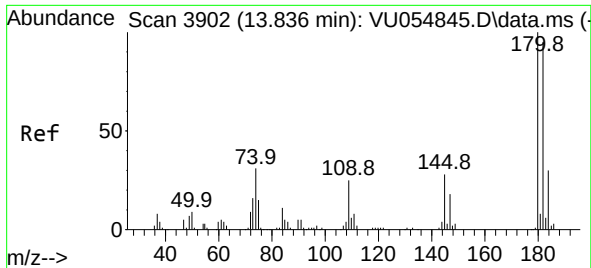
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.972 ug/l
RT: 12.994 min Scan# 3640
Delta R.T. 0.004 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

Tgt Ion: 75 Resp: 648
Ion Ratio Lower Upper
75 100
155 79.9 74.8 112.2
157 131.5 97.4 146.0





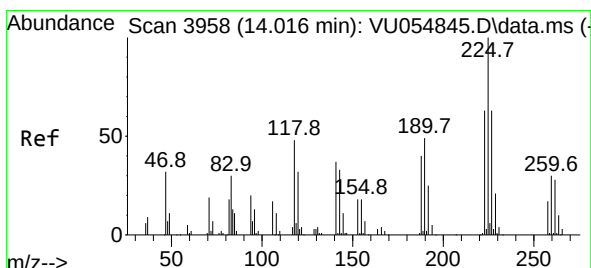
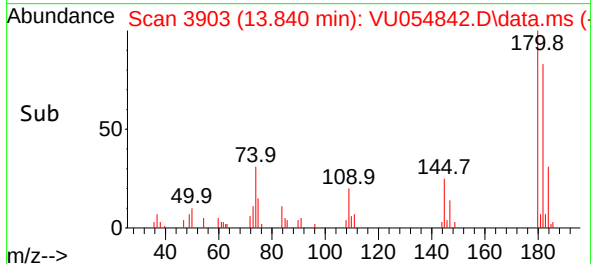
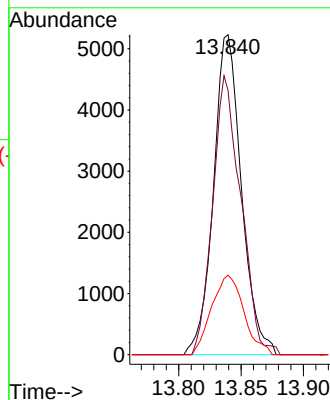
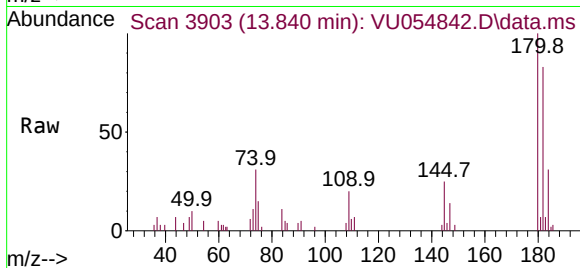
#87
1,2,4-Trichlorobenzene
Concen: 0.921 ug/l
RT: 13.840 min Scan# 3902
Delta R.T. 0.003 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:180 Resp: 8178
Ion Ratio Lower Upper
180 100
182 87.7 77.0 115.6
145 28.6 23.4 35.0

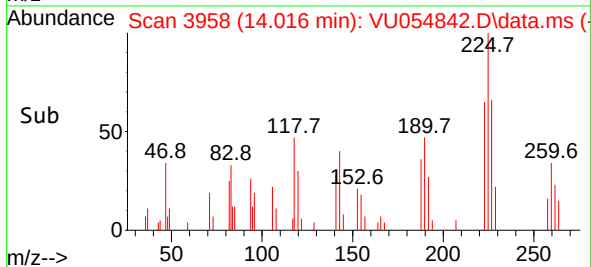
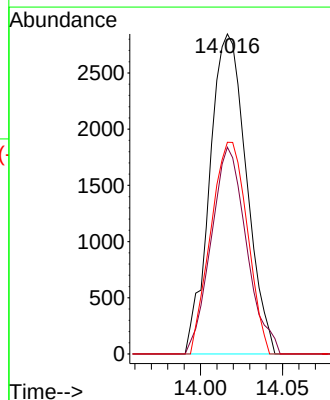
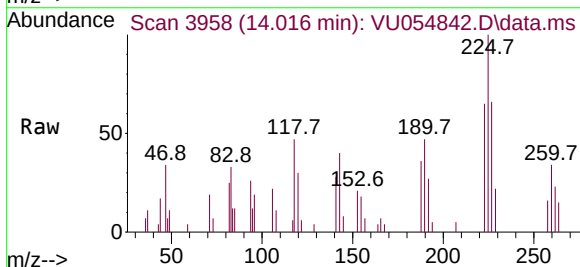
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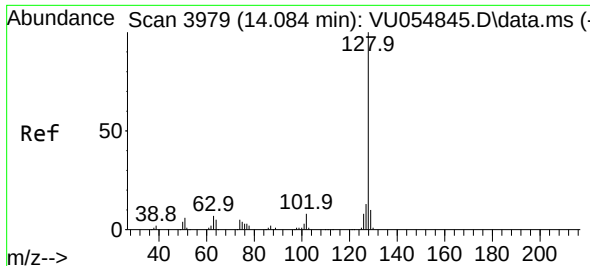
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#88
Hexachlorobutadiene
Concen: 0.932 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.000 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

Tgt Ion:225 Resp: 4421
Ion Ratio Lower Upper
225 100
223 62.1 50.6 76.0
227 65.7 50.7 76.1





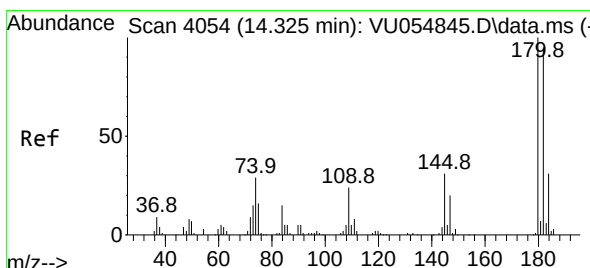
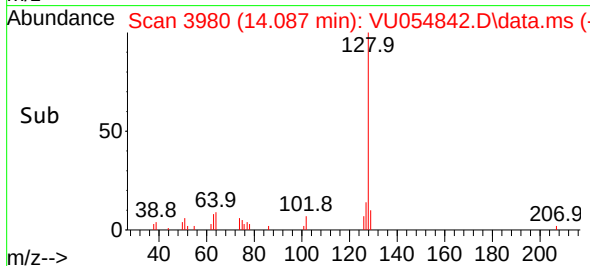
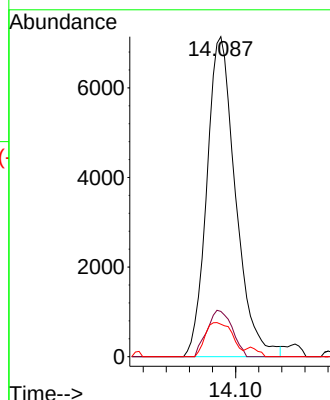
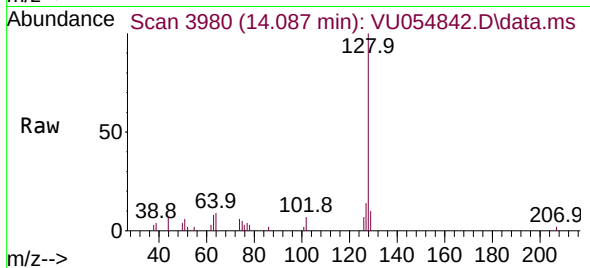
#89
Naphthalene
Concen: 0.858 ug/l
RT: 14.087 min Scan# 3979
Delta R.T. 0.003 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 1232
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 10.1 8.7 13.1

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



#90
1,2,3-Trichlorobenzene
Concen: 0.876 ug/l
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU054842.D
Acq: 21 Jul 2023 17:20

Tgt Ion:180 Resp: 6721
Ion Ratio Lower Upper
180 100
182 98.8 76.0 114.0
145 30.5 24.3 36.5

