

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111224\
 Data File : VU061596.D
 Acq On : 12 Nov 2024 09:32
 Operator : MD/SY
 Sample : VSTDICC001
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/13/2024
 Supervised By : Mahesh Dadoda 11/13/2024

Quant Time: Nov 13 04:41:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U111224DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Nov 13 04:39:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.107	96	47781	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	15751	0.950	ug/l	0.00
Spiked Amount	1.000		Recovery	=	95.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	15152	0.918	ug/l	0.00
Spiked Amount	1.000		Recovery	=	92.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.384	85	11397	0.928	ug/l	99
3) Chloromethane	1.515	50	11026	0.939	ug/l	97
4) Vinyl Chloride	1.599	62	12157	0.920	ug/l	93
5) Bromomethane	1.853	94	7651	0.917	ug/l	98
6) Chloroethane	1.930	64	9932	0.929	ug/l	99
7) Trichlorofluoromethane	2.133	101	17434	0.922	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	9412	0.930	ug/l	97
9) 1,1-Dichloroethene	2.573	96	9967	0.940	ug/l	96
10) Iodomethane	2.715	142	6330	1.201	ug/l	97
11) Allyl Chloride	2.917	41	10878	0.886	ug/l	96
12) Acrylonitrile	3.338	53	3571m	1.702	ug/l	
13) Acetone	2.647	43	15051	5.140	ug/l	99
14) Carbon Disulfide	2.789	76	31986	0.933	ug/l	100
15) Methylene Chloride	3.039	84	12168	0.950	ug/l	97
16) trans-1,2-Dichloroethene	3.348	96	11388	0.924	ug/l	93
17) 1,1-Dichloroethane	3.863	63	20647	0.940	ug/l	99
18) 2-Butanone	4.731	43	16588	4.885	ug/l	93
19) Cyclohexane	5.377	56	15902m	0.892	ug/l	
20) Methylcyclohexane	6.753	83	16822	0.841	ug/l	98
21) 2,2-Dichloropropane	4.654	77	15865	0.898	ug/l	98
22) cis-1,2-Dichloroethene	4.666	96	11517	0.857	ug/l	90
23) Diethyl Ether	2.371	59	7476	0.946	ug/l	98
24) tert-Butyl Alcohol	3.242	59	7258m	9.003	ug/l	
25) Methyl tert-Butyl Ether	3.355	73	23228	0.893	ug/l	97
26) Bromochloromethane	4.972	128	5378	0.908	ug/l	97
27) Chloroform	5.081	83	21486	0.922	ug/l	100
28) 1,1,1-Trichloroethane	5.309	97	17626	0.915	ug/l	99
29) 1,1-Dichloropropene	5.522	75	15259	0.882	ug/l	99
30) Carbon Tetrachloride	5.515	117	14465	0.876	ug/l	98
31) Isopropyl Ether	3.985	45	26050	0.891	ug/l	100
32) Ethyl-t-butyl ether	4.490	59	24465	0.875	ug/l	99
33) Tert-Amyl methyl ether	5.933	73	21217	0.840	ug/l	99
34) Propionitrile	4.827	54	3622m	4.564	ug/l	
35) Benzene	5.769	78	47730	0.926	ug/l	100
36) 1,2-Dichloroethane	5.792	62	13235	0.924	ug/l	96
37) Trichloroethene	6.538	130	13025	0.954	ug/l	94
38) 1,2-Dichloropropane	6.782	63	11386	0.879	ug/l	99
39) Methacrylonitrile	4.998	41	2418	0.851	ug/l	# 71
40) Methyl acrylate	4.875	55	4692m	0.913	ug/l	
41) Tetrahydrofuran	5.071	42	2899	1.807	ug/l	# 86
42) 1-Chlorobutane	5.451	56	18424	0.853	ug/l	98
43) Dibromomethane	6.914	93	6285	0.917	ug/l	92
44) Bromodichloromethane	7.097	83	13419	0.867	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111224\
 Data File : VU061596.D
 Acq On : 12 Nov 2024 09:32
 Operator : MD/SY
 Sample : VSTDICC001
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC001

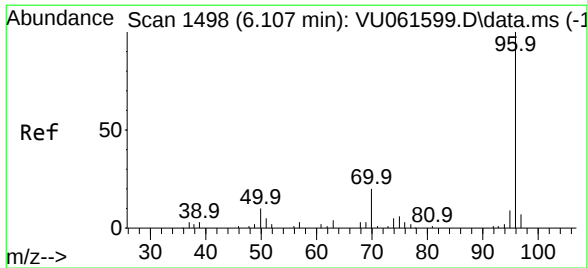
Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/13/2024
 Supervised By :Mahesh Dadoda 11/13/2024

Quant Time: Nov 13 04:41:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U111224DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Nov 13 04:39:24 2024
 Response via : Initial Calibration

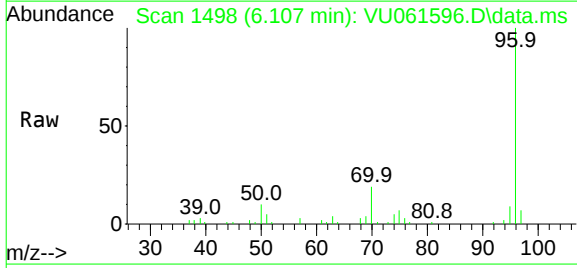
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	27784	4.356	ug/l	98
46) t-1,4-Dichloro-2-butene	10.820	75	6585m	1.867	ug/l	
47) Methyl methacrylate	6.965	69	8731	1.604	ug/l	91
48) Ethyl methacrylate	8.332	69	8893	0.804	ug/l	95
49) Toluene	7.965	92	28084	0.892	ug/l	98
50) t-1,3-Dichloropropene	8.210	75	11637	0.840	ug/l	98
51) cis-1,3-Dichloropropene	7.602	75	15113	0.850	ug/l	97
52) 1,1,2-Trichloroethane	8.393	97	8379	0.891	ug/l	94
53) 1,3-Dichloropropane	8.570	76	14619	0.911	ug/l	99
54) 2-Hexanone	8.685	43	23641	4.350	ug/l	98
55) Dibromochloromethane	8.804	129	8771	0.862	ug/l	97
56) 1,2-Dibromoethane	8.917	107	7832	0.887	ug/l	100
58) Tetrachloroethene	8.547	164	11373	0.926	ug/l	98
59) Chlorobenzene	9.444	112	30694	0.882	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.525	131	9928	0.865	ug/l	97
61) Pentachloroethane	11.422	117	6923	0.801	ug/l	97
62) Hexachloroethane	12.467	117	5845	0.976	ug/l	99
63) Ethyl Benzene	9.563	91	49794	0.850	ug/l	97
64) m/p-Xylenes	9.689	106	36695	1.627	ug/l	100
65) o-Xylene	10.094	106	18216	0.828	ug/l	98
66) Styrene	10.113	104	26880	0.934	ug/l	98
67) Bromoform	10.284	173	4269	0.809	ug/l #	99
69) Isopropylbenzene	10.476	105	42818	0.832	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	10123	0.875	ug/l	98
71) 1,2,3-Trichloropropane	10.820	75	8750m	0.928	ug/l	
72) Bromobenzene	10.779	156	12198	0.894	ug/l	87
73) n-propylbenzene	10.901	120	11941	0.785	ug/l	93
74) 2-Chlorotoluene	10.981	126	11658	0.859	ug/l	99
75) 1,3,5-Trimethylbenzene	11.081	105	36860	0.791	ug/l	97
76) 4-Chlorotoluene	11.094	126	11134	0.798	ug/l	93
77) tert-Butylbenzene	11.412	119	36896	0.812	ug/l	98
78) 1,2,4-Trimethylbenzene	11.464	105	37299	0.908	ug/l	100
79) sec-Butylbenzene	11.637	105	48996	0.813	ug/l	98
80) Nitrobenzene	13.219	77	393m	6.108	ug/l	
81) p-Isopropyltoluene	11.785	119	37419	0.897	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	22590	0.856	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	22185	0.840	ug/l	96
84) n-Butylbenzene	12.203	91	35029	0.906	ug/l	98
85) 1,2-Dichlorobenzene	12.209	146	20984	0.843	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	12.994	75	1133	0.984	ug/l	87
87) 1,2,4-Trichlorobenzene	13.836	180	10383	1.020	ug/l	96
88) Hexachlorobutadiene	14.013	225	7082	0.852	ug/l	98
89) Naphthalene	14.090	128	15413	1.089	ug/l	99
90) 1,2,3-Trichlorobenzene	14.325	180	9970	1.060	ug/l	98

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 1498
Delta R.T. -0.000 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

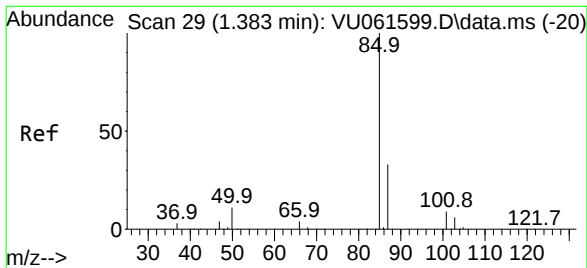
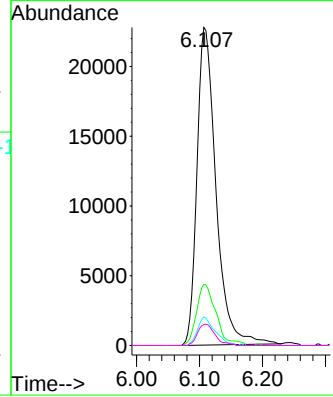
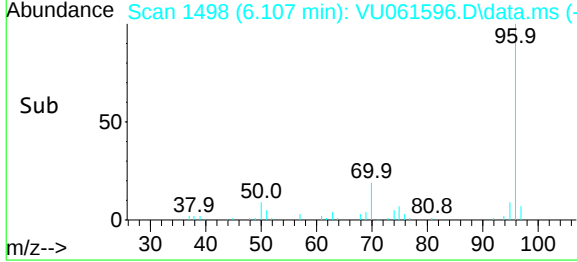
Instrument : MSVOA_U
ClientSampleId : VSTDIC001



Tgt Ion: 96 Resp: 47781
Ion Ratio Lower Upper
96 100
70 19.6 15.8 23.6
95 8.2 7.3 10.9
97 6.2 0.0 0.0#

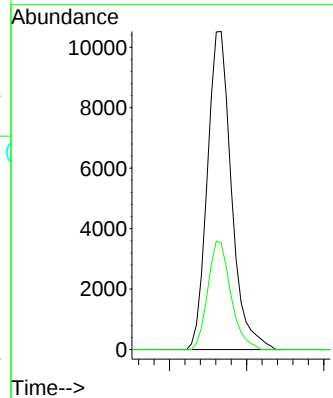
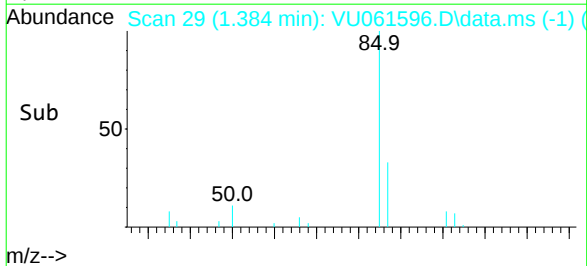
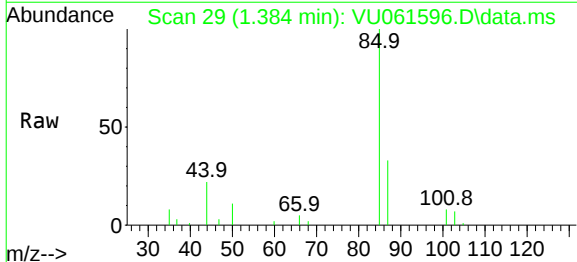
Manual Integrations
APPROVED

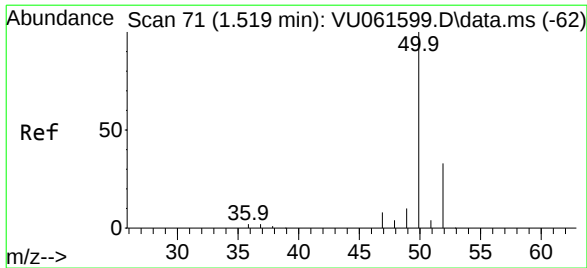
Reviewed By :Semsettin Yesilyurt 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#2
Dichlorodifluoromethane
Concen: 0.928 ug/l
RT: 1.384 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

Tgt Ion: 85 Resp: 11397
Ion Ratio Lower Upper
85 100
87 33.4 16.4 49.2





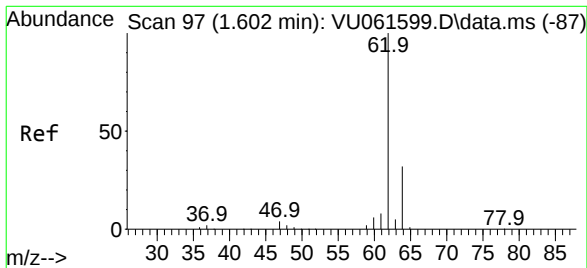
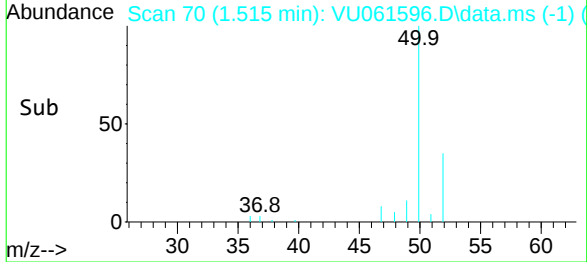
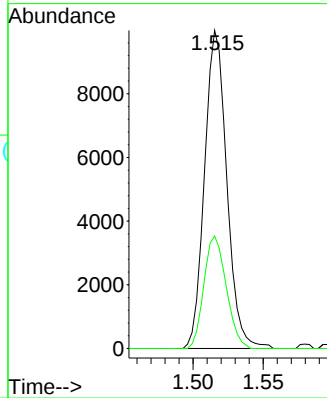
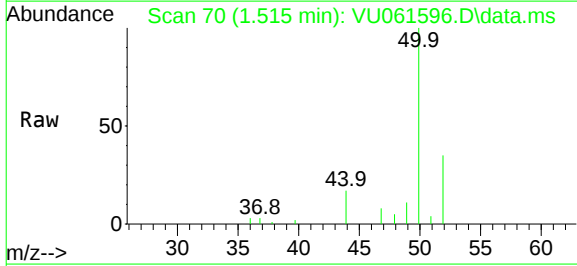
#3
Chloromethane
Concen: 0.939 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion: 50 Resp: 11026
Ion Ratio Lower Upper
50 100
52 35.4 26.8 40.2

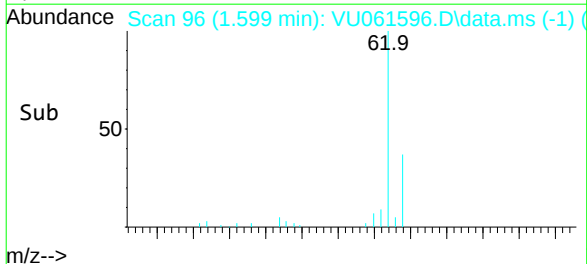
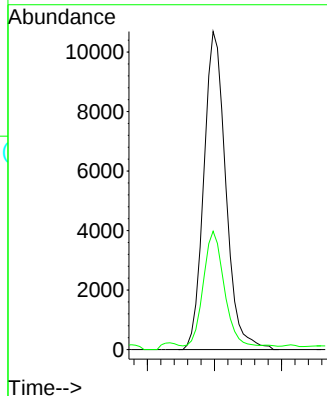
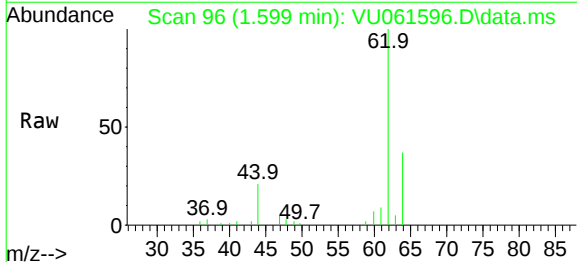
Manual Integrations
APPROVED

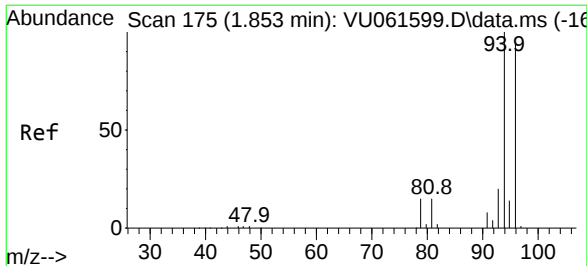
Reviewed By :Semsettin Yesilyurt 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#4
Vinyl Chloride
Concen: 0.920 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

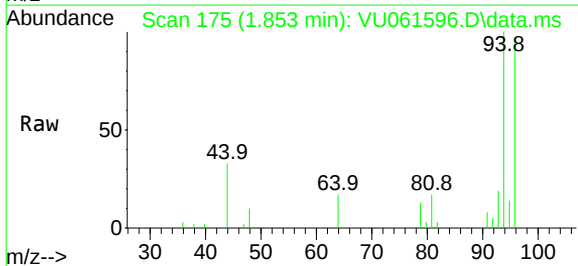
Tgt Ion: 62 Resp: 12157
Ion Ratio Lower Upper
62 100
64 36.2 25.6 38.4





#5
Bromomethane
Concen: 0.917 ug/l
RT: 1.853 min Scan# 175
Delta R.T. 0.000 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

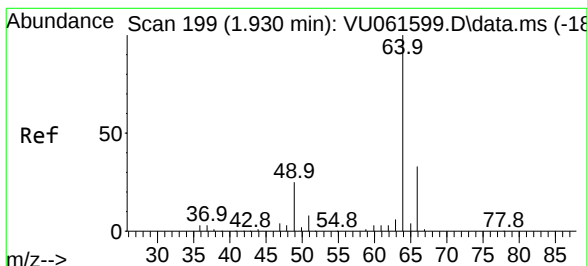
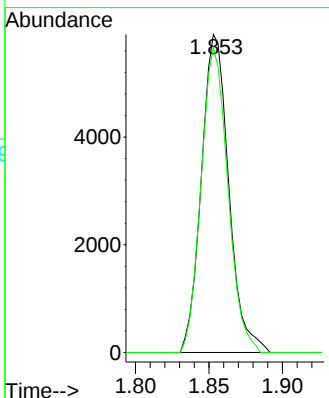
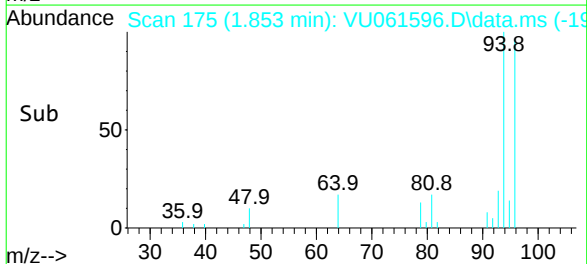
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



Tgt Ion: 94 Resp: 7651
Ion Ratio Lower Upper
94 100
96 95.9 75.2 112.8

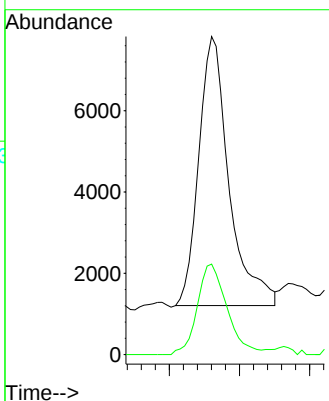
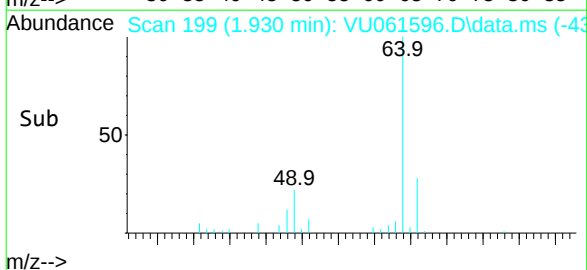
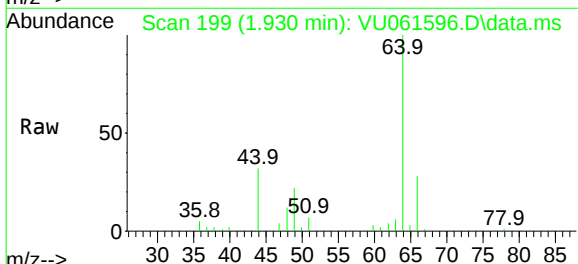
Manual Integrations
APPROVED

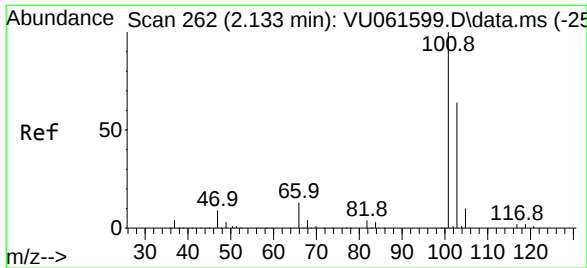
Reviewed By :Semsettin Yesilyurt 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#6
Chloroethane
Concen: 0.929 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

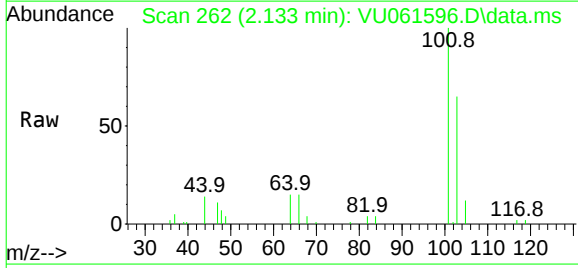
Tgt Ion: 64 Resp: 9932
Ion Ratio Lower Upper
64 100
66 32.1 26.2 39.2





#7
Trichlorofluoromethane
Concen: 0.922 ug/l
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

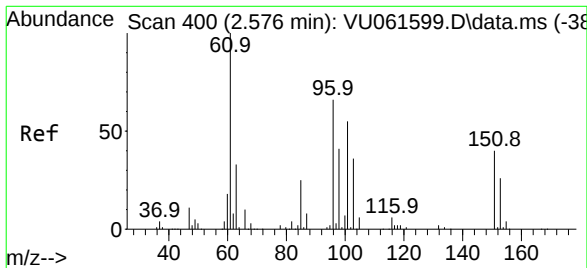
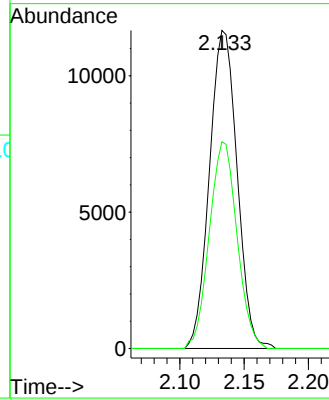
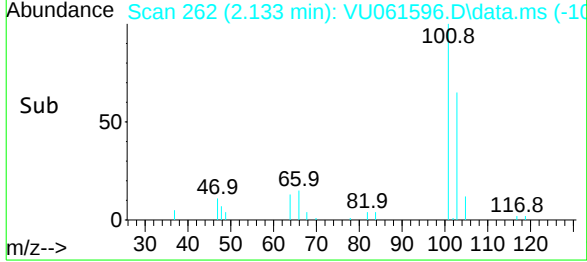
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



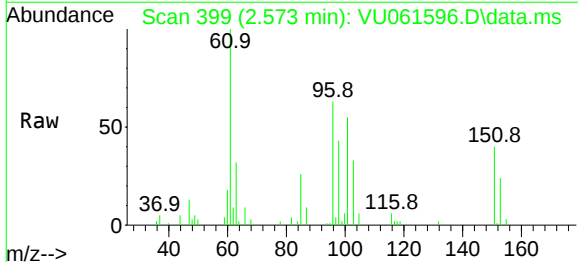
Tgt Ion:101 Resp: 17434
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.2

Manual Integrations
APPROVED

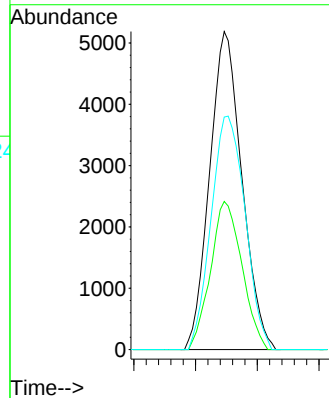
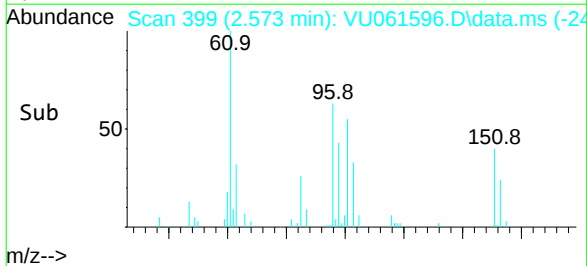
Reviewed By :Semsettin Yesilyurt 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024

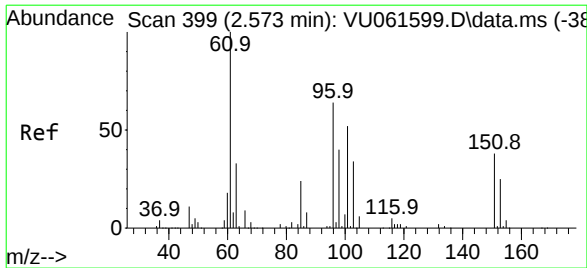


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.930 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32



Tgt Ion:101 Resp: 9412
Ion Ratio Lower Upper
101 100
85 45.3 36.0 54.0
151 77.3 58.6 87.8





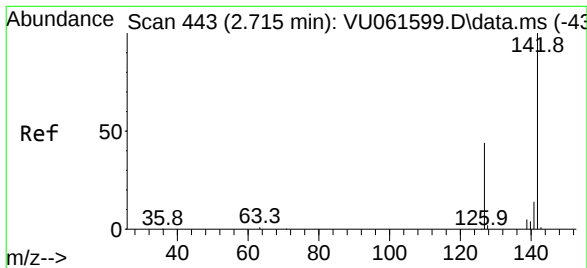
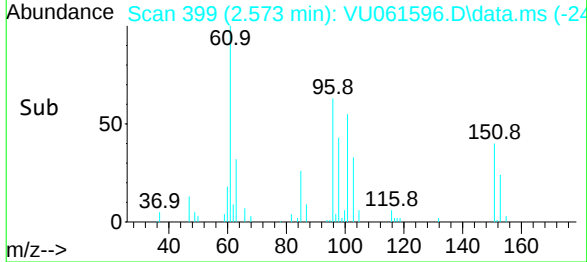
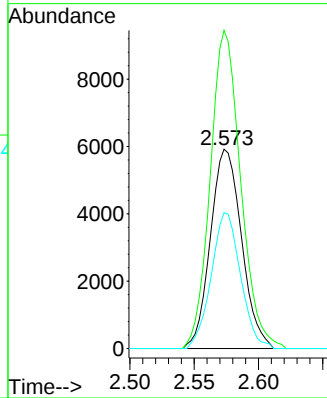
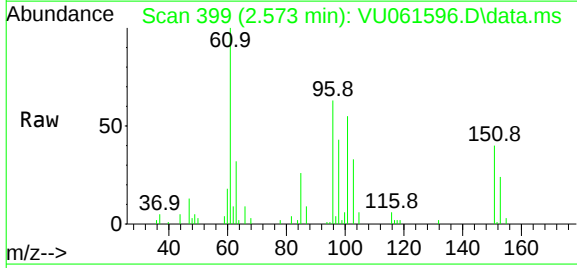
#9
1,1-Dichloroethene
Concen: 0.940 ug/l
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.6	0.0	467.7
98	68.2	0.0	125.4

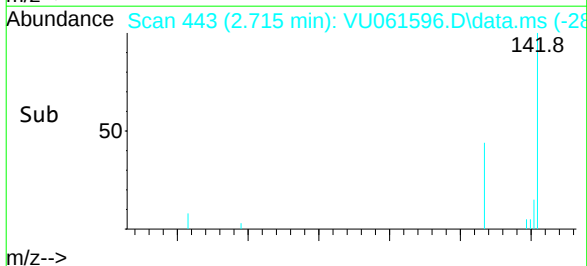
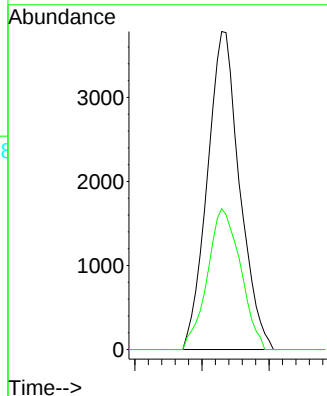
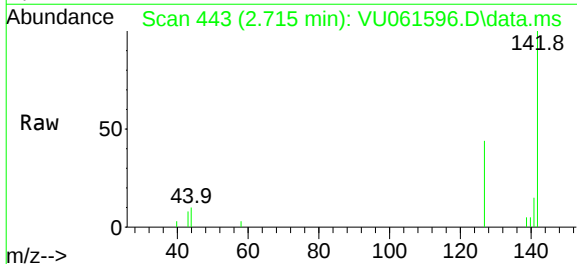
Manual Integrations
APPROVED

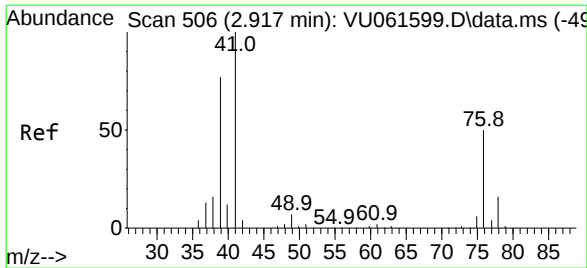
Reviewed By :Semsettin Yesilyurt 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#10
Iodomethane
Concen: 1.201 ug/l
RT: 2.715 min Scan# 443
Delta R.T. 0.000 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

Tgt Ion	Ratio	Lower	Upper
142	100		
127	45.3	34.8	52.2





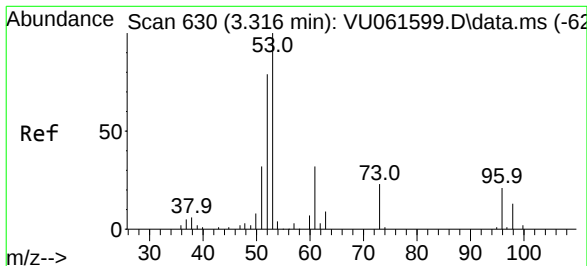
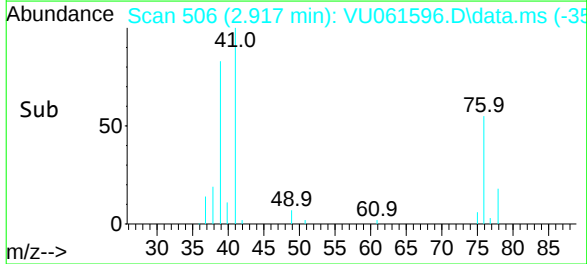
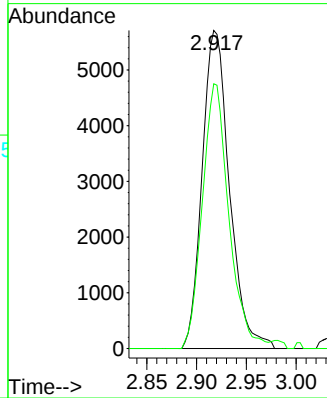
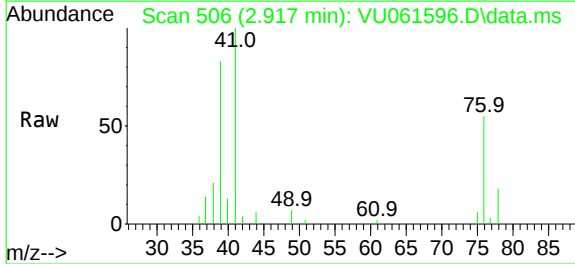
#11
Allyl Chloride
Concen: 0.886 ug/l
RT: 2.917 min Scan# 506
Delta R.T. 0.000 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 41 Resp: 10878
Ion Ratio Lower Upper
41 100
39 81.1 62.2 93.4

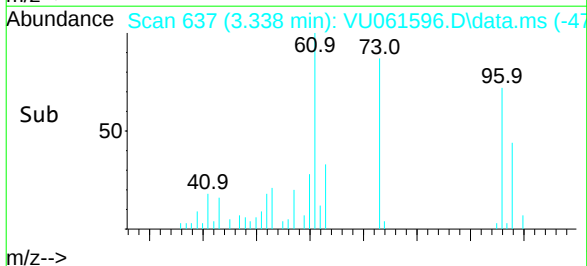
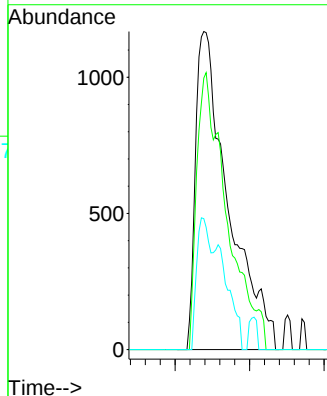
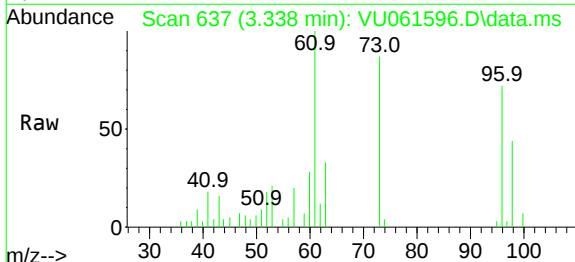
Manual Integrations
APPROVED

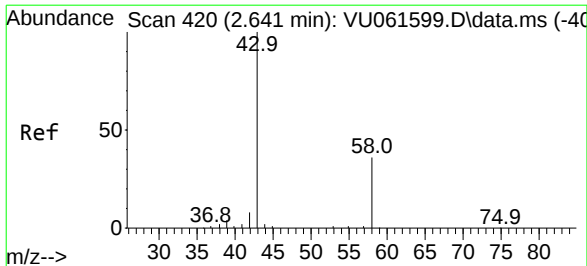
Reviewed By :Semsettin Yesilyurt 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#12
Acrylonitrile
Concen: 1.702 ug/l m
RT: 3.338 min Scan# 637
Delta R.T. 0.023 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

Tgt Ion: 53 Resp: 3571
Ion Ratio Lower Upper
53 100
52 80.1 62.1 93.1
51 18.5 30.9 46.3#





#13

Acetone

Concen: 5.140 ug/l

RT: 2.647 min Scan# 420

Delta R.T. 0.006 min

Lab File: VU061596.D

Acq: 12 Nov 2024 09:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion: 43 Resp: 15051

Ion Ratio Lower Upper

43 100

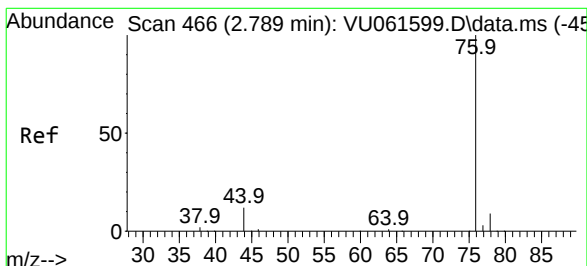
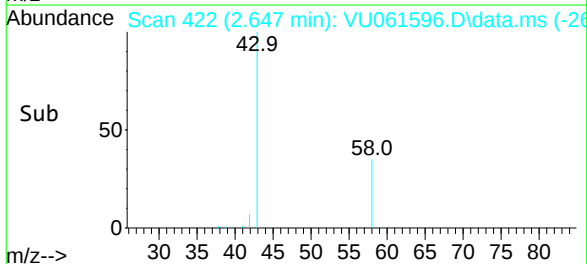
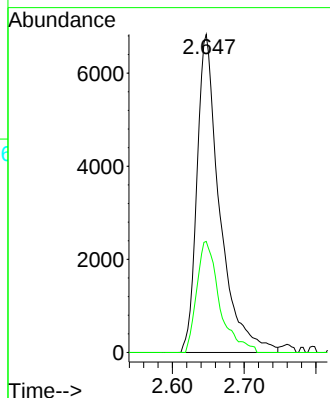
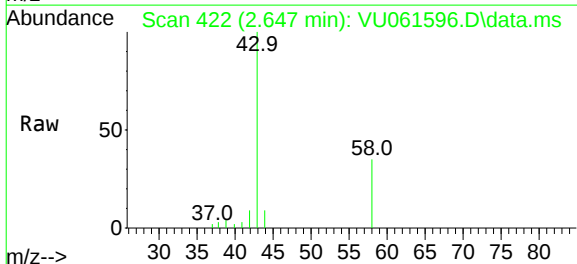
58 34.9 28.5 42.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/13/2024

Supervised By :Mahesh Dadoda 11/13/2024



#14

Carbon Disulfide

Concen: 0.933 ug/l

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU061596.D

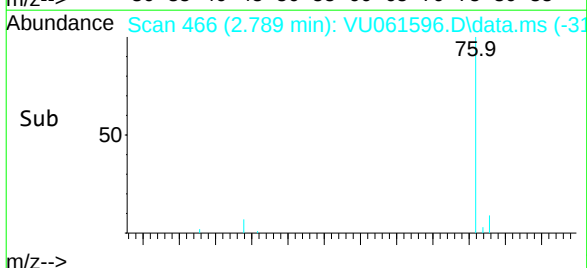
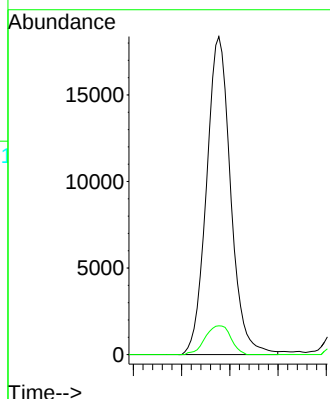
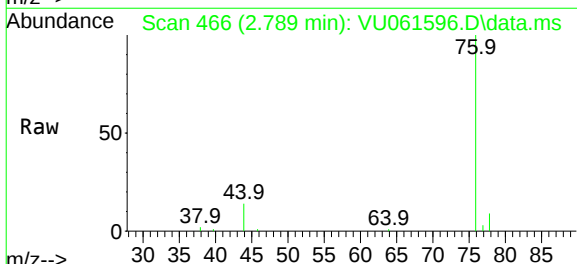
Acq: 12 Nov 2024 09:32

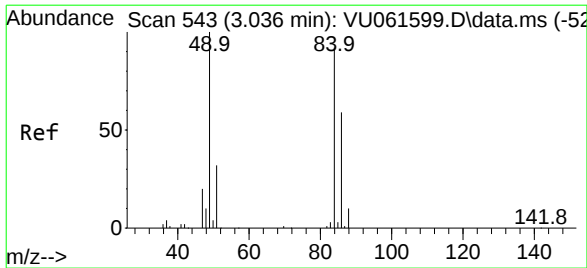
Tgt Ion: 76 Resp: 31986

Ion Ratio Lower Upper

76 100

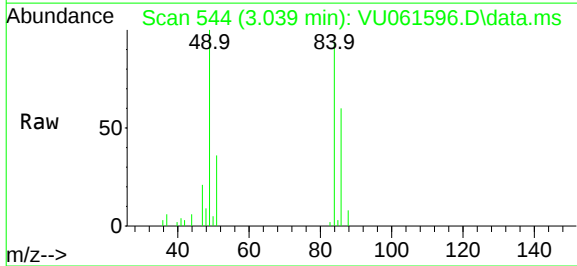
78 9.0 7.3 10.9





#15
Methylene Chloride
Concen: 0.950 ug/l
RT: 3.039 min Scan# 543
Delta R.T. 0.003 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

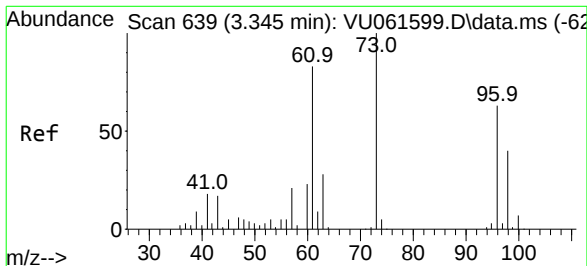
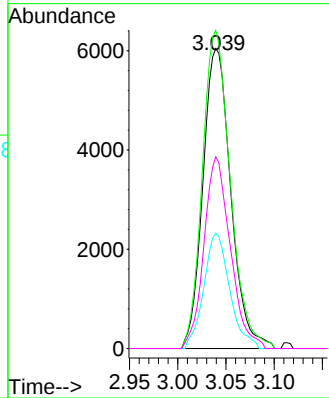
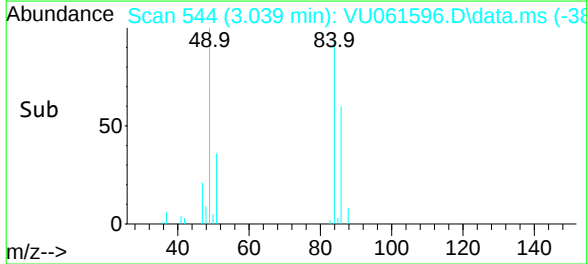
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



Tgt Ion:	84	Resp:	12168
Ion	Ratio	Lower	Upper
84	100		
49	106.1	87.4	131.0
51	38.5	0.0	69.6
86	63.9	51.3	76.9

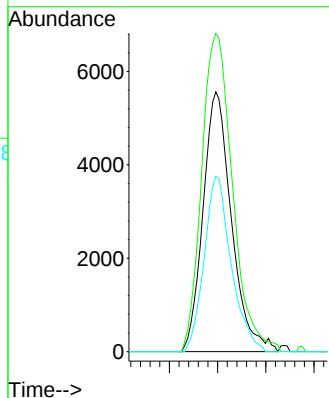
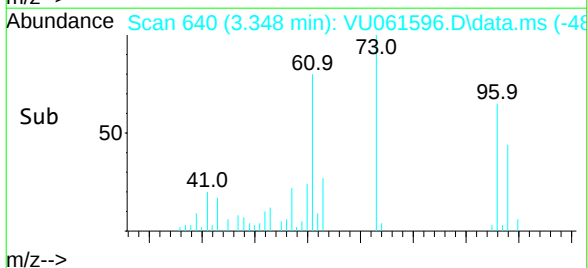
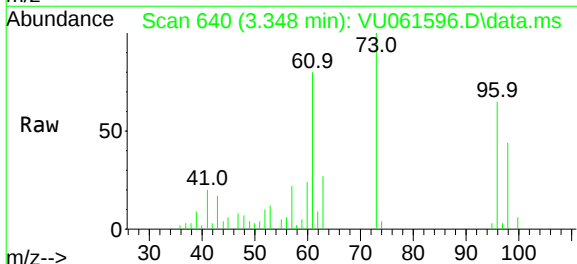
Manual Integrations
APPROVED

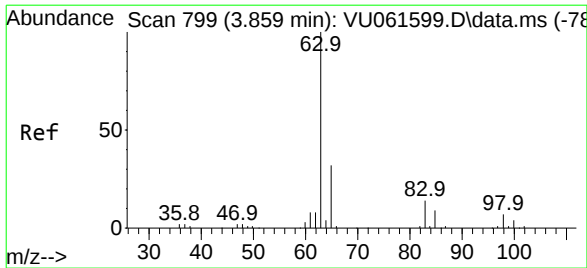
Reviewed By :Semsettin Yesilyurt 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#16
trans-1,2-Dichloroethene
Concen: 0.924 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

Tgt Ion:	96	Resp:	11388
Ion	Ratio	Lower	Upper
96	100		
61	122.5	105.0	157.4
98	67.6	50.4	75.6





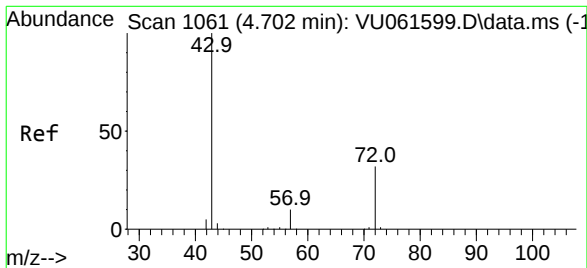
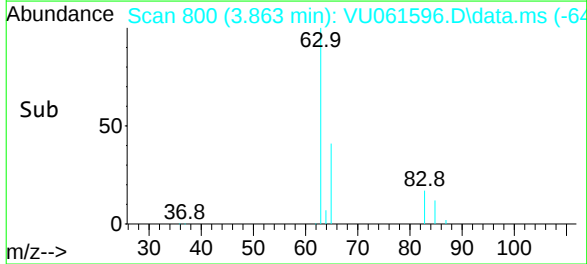
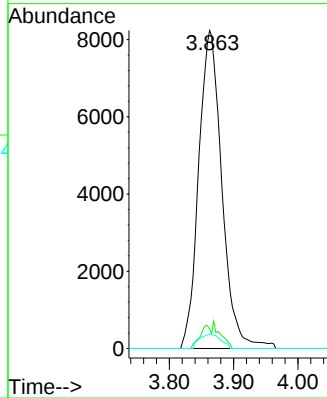
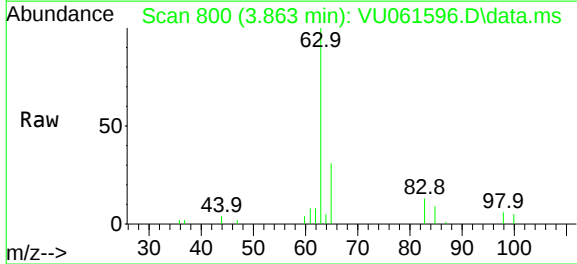
#17
1,1-Dichloroethane
Concen: 0.940 ug/l
RT: 3.863 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt	Ion:	63	Resp:	20647
Ion	Ratio	Lower	Upper	
63	100			
98	6.2	3.4	10.2	
100	4.5	2.2	6.6	

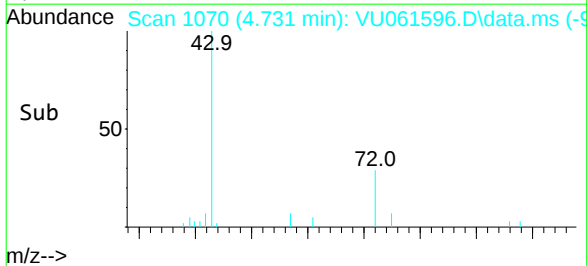
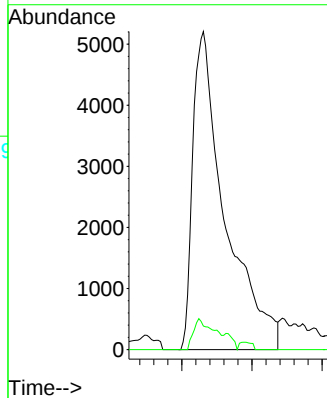
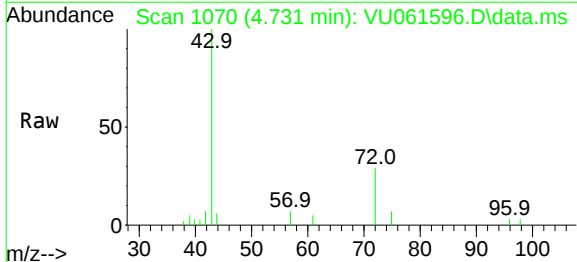
Manual Integrations
APPROVED

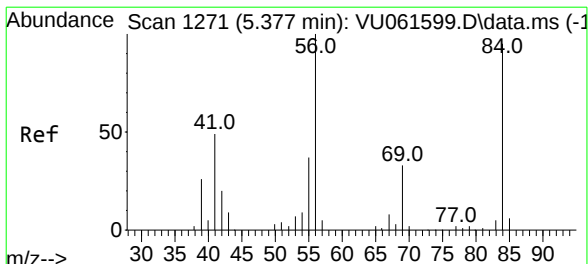
Reviewed By :Semsettin Yesilyurt 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#18
2-Butanone
Concen: 4.885 ug/l
RT: 4.731 min Scan# 1070
Delta R.T. 0.029 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

Tgt	Ion:	43	Resp:	16588
Ion	Ratio	Lower	Upper	
43	100			
57	7.4	0.0	20.0	





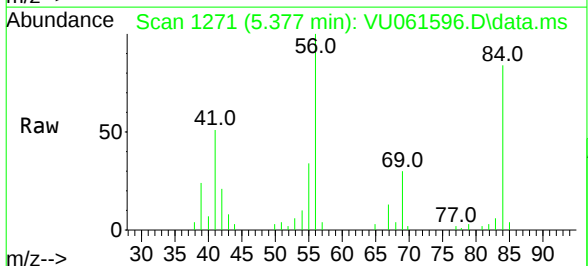
#19
Cyclohexane
Concen: 0.892 ug/l m
RT: 5.377 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

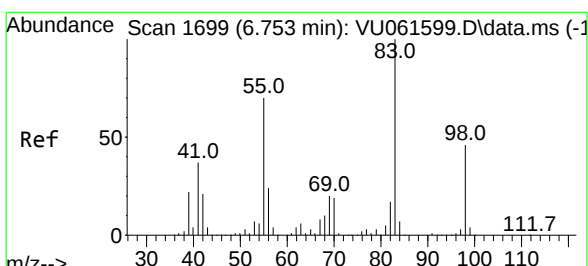
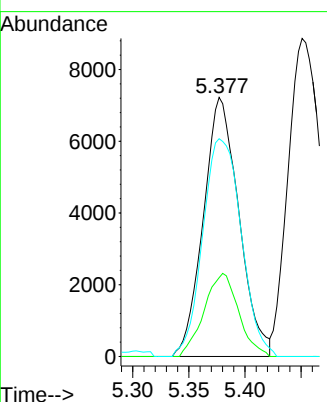
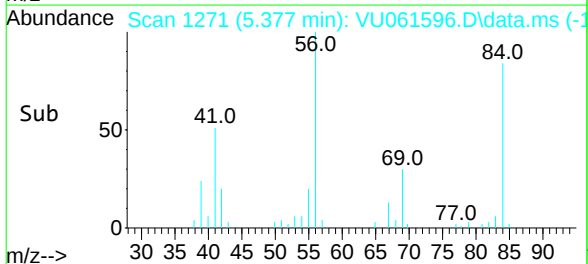


Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.1	26.3	39.5
84	90.9	73.4	110.2

Manual Integrations

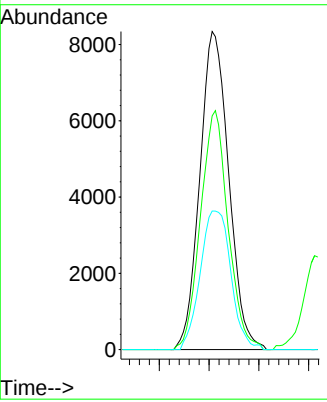
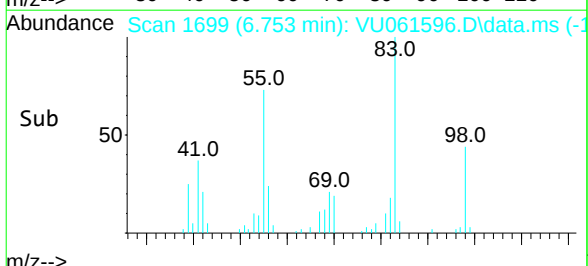
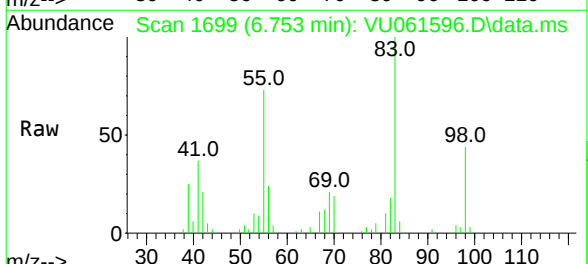
APPROVED

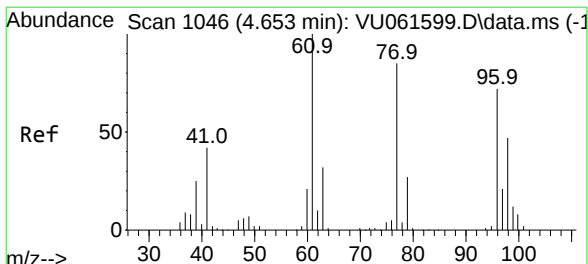
Reviewed By :Semsettin Yesilyurt 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#20
Methylcyclohexane
Concen: 0.841 ug/l
RT: 6.753 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

Tgt Ion	Ratio	Lower	Upper
83	100		
55	71.8	55.5	83.3
98	46.2	36.8	55.2





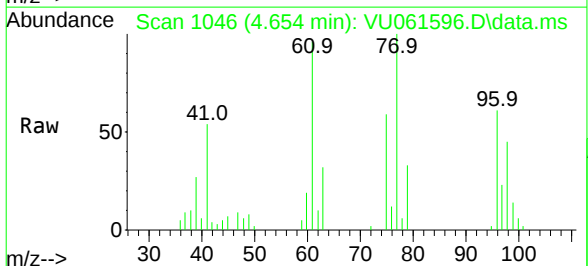
#21
 2,2-Dichloropropane
 Concen: 0.898 ug/l
 RT: 4.654 min Scan# 1046
 Delta R.T. 0.000 min
 Lab File: VU061596.D
 Acq: 12 Nov 2024 09:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

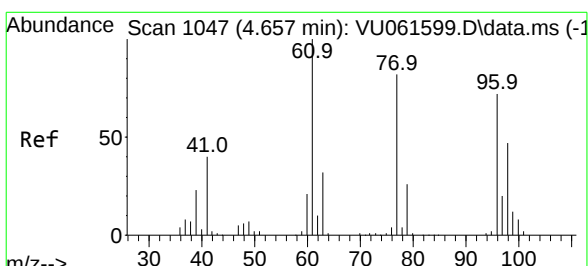
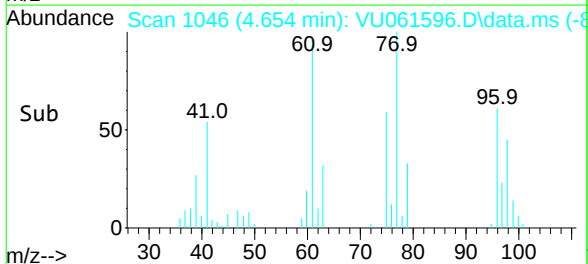
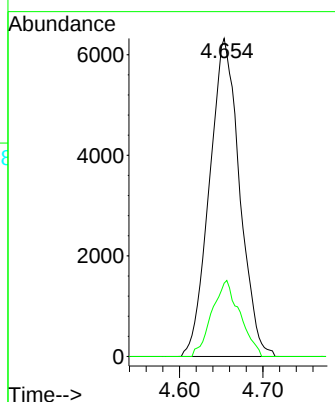


Tgt Ion:	77	Resp:	15865
Ion	Ratio	Lower	Upper
77	100		
97	22.3	18.6	28.0

Manual Integrations

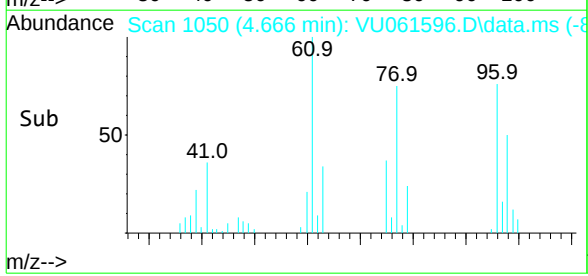
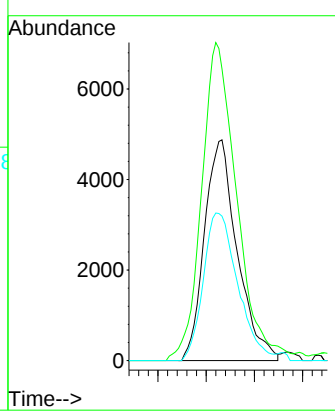
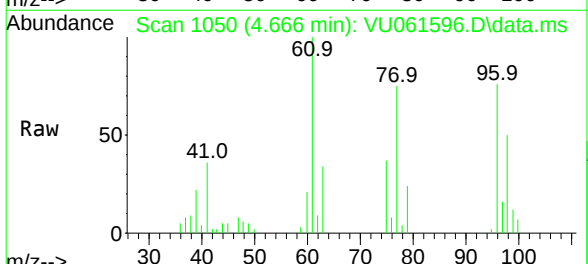
APPROVED

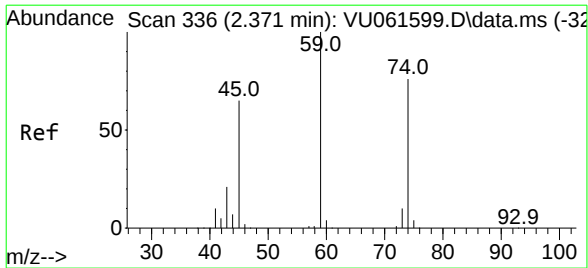
Reviewed By :Semsettin Yesilyurt 11/13/2024
 Supervised By :Mahesh Dadoda 11/13/2024



#22
 cis-1,2-Dichloroethene
 Concen: 0.857 ug/l
 RT: 4.666 min Scan# 1050
 Delta R.T. 0.010 min
 Lab File: VU061596.D
 Acq: 12 Nov 2024 09:32

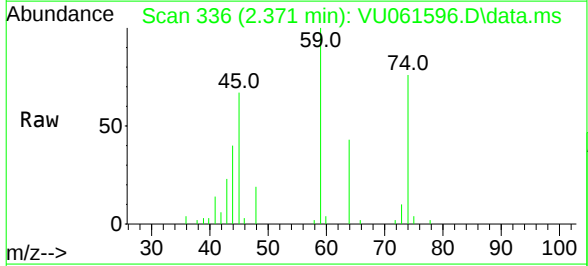
Tgt Ion:	96	Resp:	11517
Ion	Ratio	Lower	Upper
96	100		
61	153.8	0.0	349.5
98	70.0	32.5	97.5





#23
Diethyl Ether
Concen: 0.946 ug/l
RT: 2.371 min Scan# 336
Delta R.T. 0.000 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

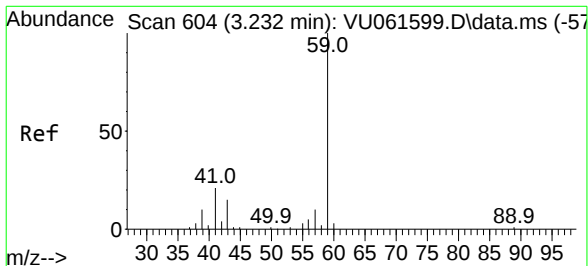
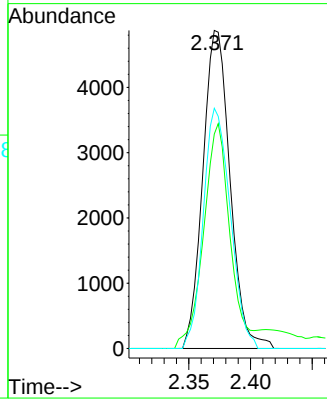
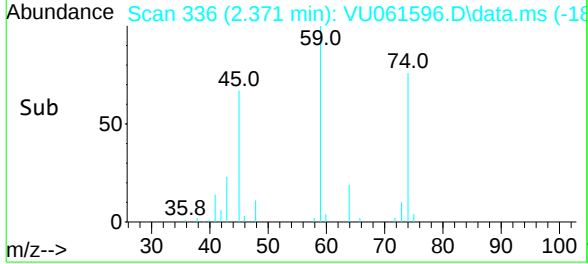
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



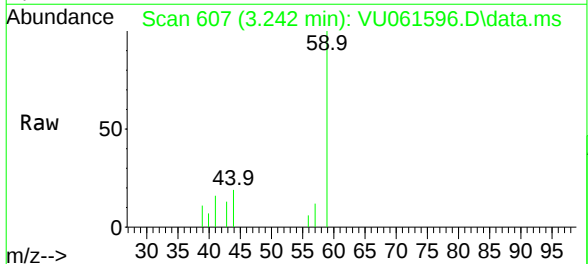
Tgt Ion	Ratio	Lower	Upper
59	100		
45	68.3	53.8	80.6
74	74.9	62.1	93.1

Manual Integrations
APPROVED

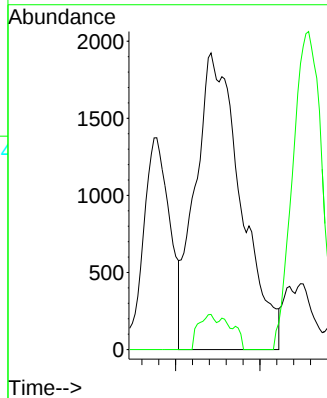
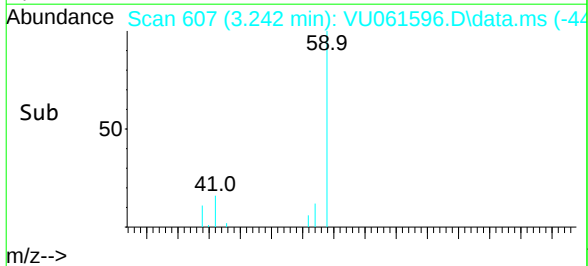
Reviewed By :Semsettin Yesilyurt 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024

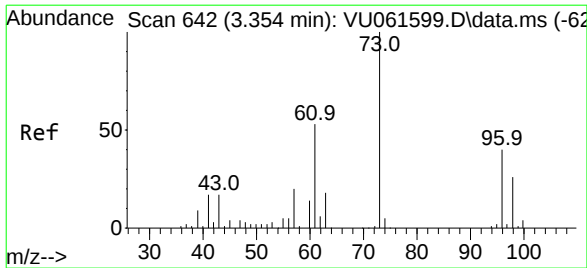


#24
tert-Butyl Alcohol
Concen: 9.003 ug/l m
RT: 3.242 min Scan# 607
Delta R.T. 0.010 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32



Tgt Ion	Ratio	Lower	Upper
59	100		
57	4.5	7.9	11.9





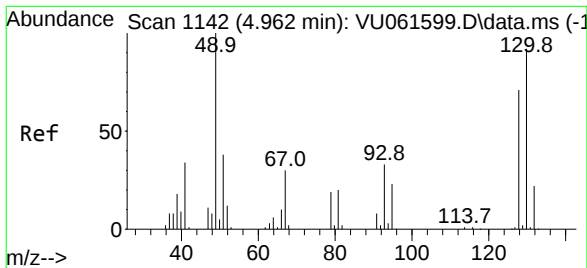
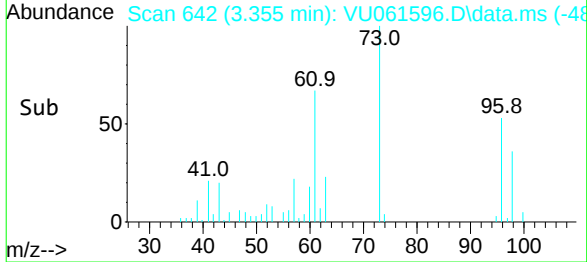
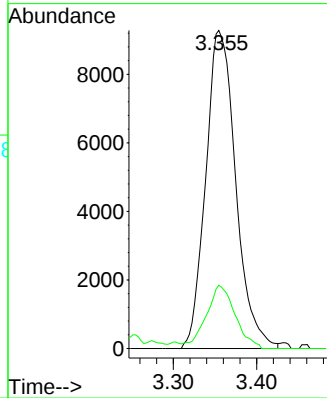
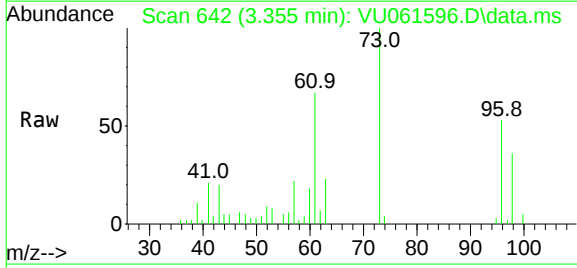
#25
Methyl tert-Butyl Ether
Concen: 0.893 ug/l
RT: 3.355 min Scan# 64
Delta R.T. 0.000 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion: 73 Resp: 23228
Ion Ratio Lower Upper
73 100
43 19.2 14.2 21.2

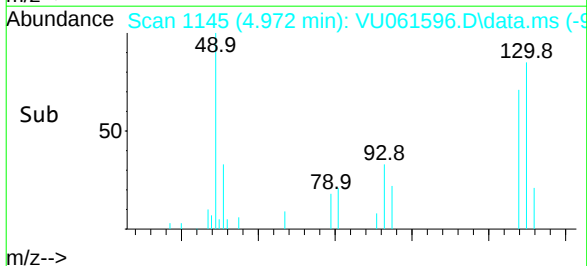
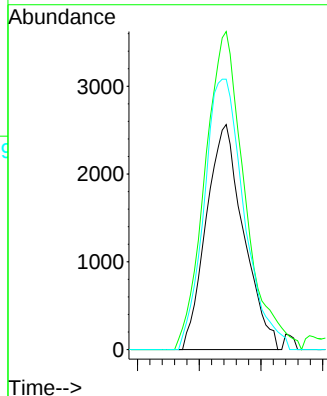
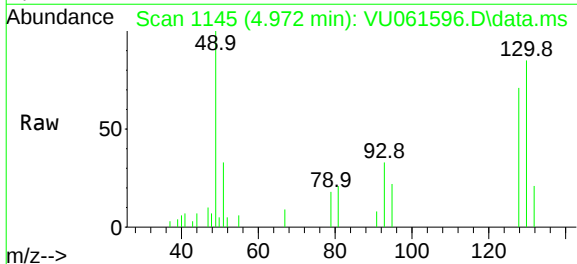
Manual Integrations
APPROVED

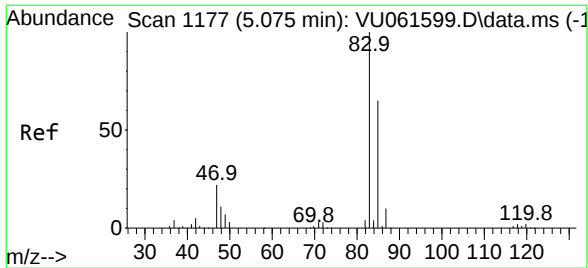
Reviewed By :Semsettin Yesilyurt 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#26
Bromochloromethane
Concen: 0.908 ug/l
RT: 4.972 min Scan# 1145
Delta R.T. 0.010 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

Tgt Ion:128 Resp: 5378
Ion Ratio Lower Upper
128 100
49 150.6 0.0 288.8
130 129.2 103.6 155.4





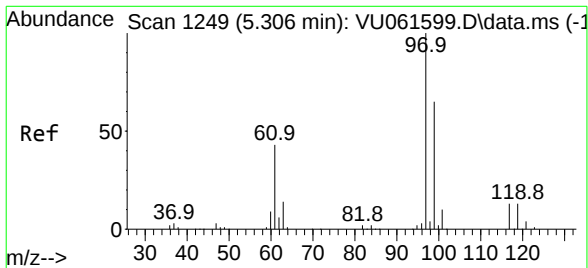
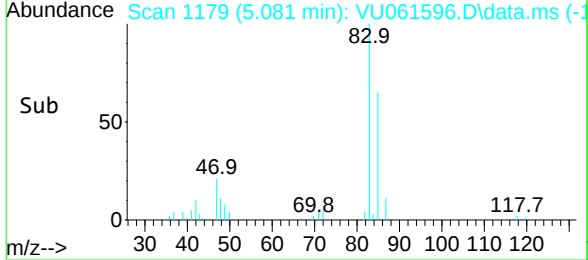
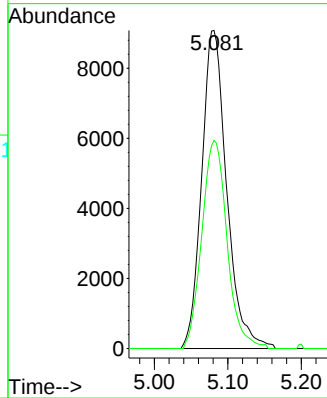
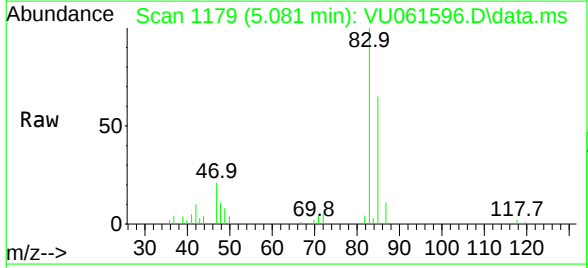
#27
Chloroform
Concen: 0.922 ug/l
RT: 5.081 min Scan# 1177
Delta R.T. 0.006 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 21486
Ion Ratio Lower Upper
83 100
85 65.4 0.0 130.6

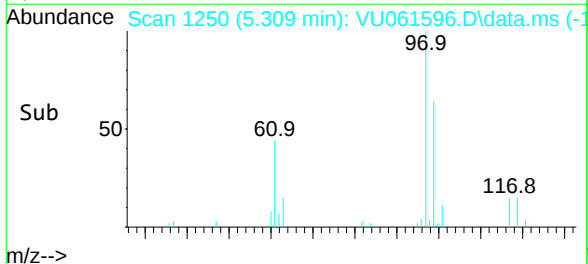
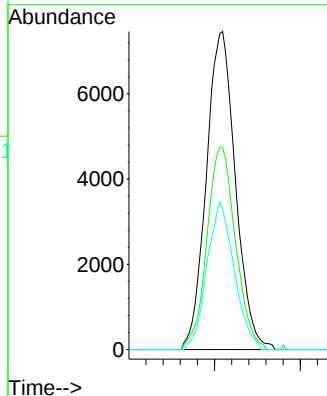
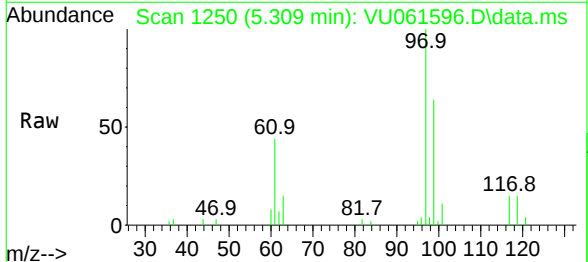
Manual Integrations
APPROVED

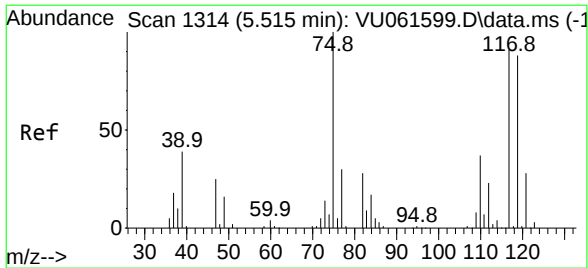
Reviewed By :Semsettin Yesilyurt 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#28
1,1,1-Trichloroethane
Concen: 0.915 ug/l
RT: 5.309 min Scan# 1250
Delta R.T. 0.003 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

Tgt Ion: 97 Resp: 17626
Ion Ratio Lower Upper
97 100
99 62.4 32.1 96.5
61 43.4 21.7 65.1





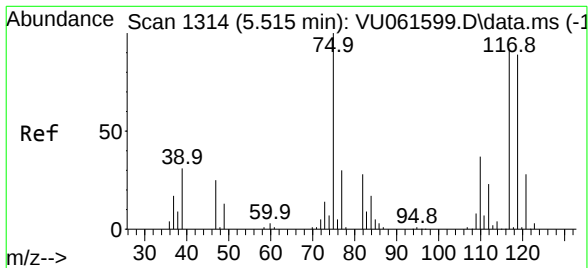
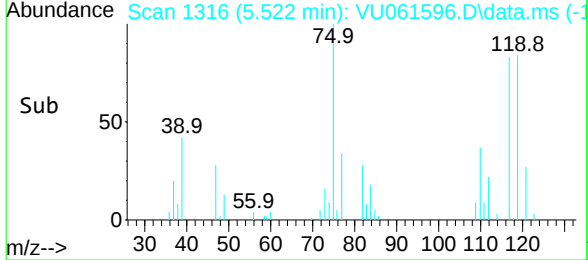
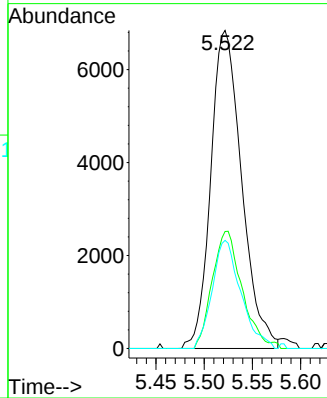
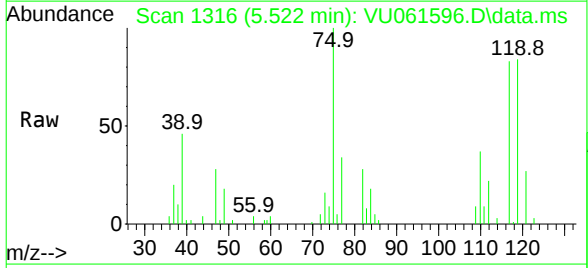
#29
1,1-Dichloropropene
Concen: 0.882 ug/l
RT: 5.522 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion:	75	Resp:	15259
Ion	Ratio	Lower	Upper
75	100		
110	35.5	17.9	53.8
77	31.6	24.8	37.2

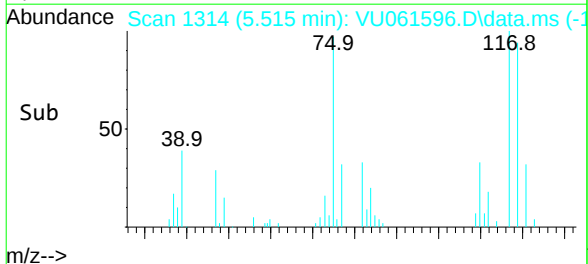
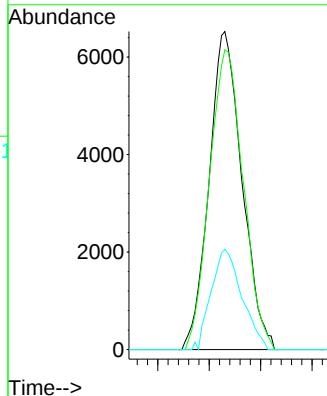
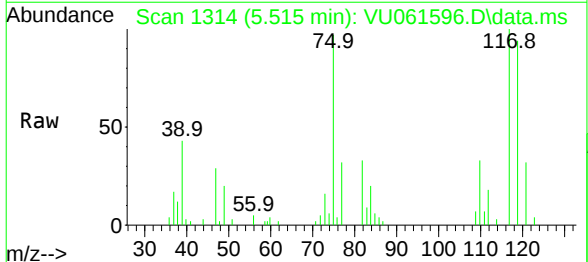
Manual Integrations
APPROVED

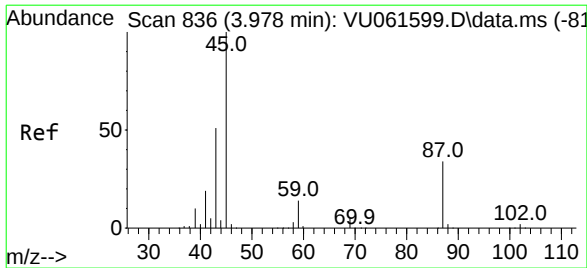
Reviewed By :Semsettin Yesilyurt 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#30
Carbon Tetrachloride
Concen: 0.876 ug/l
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

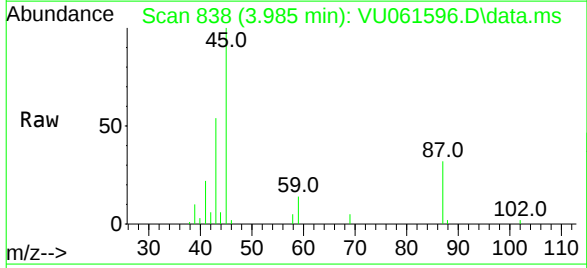
Tgt Ion:	117	Resp:	14465
Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.4	116.0
121	31.5	24.5	36.7





#31
Isopropyl Ether
Concen: 0.891 ug/l
RT: 3.985 min Scan# 836
Delta R.T. 0.006 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

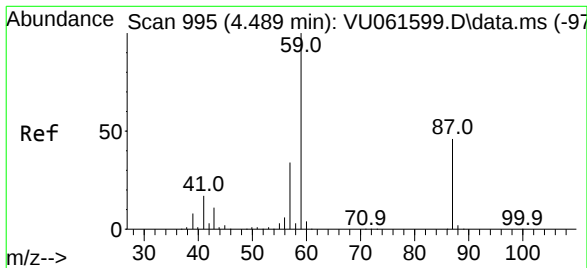
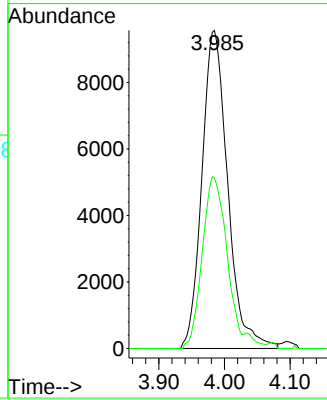
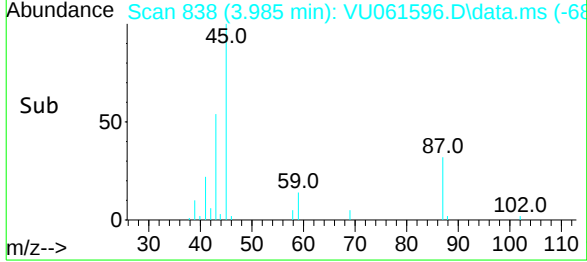
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



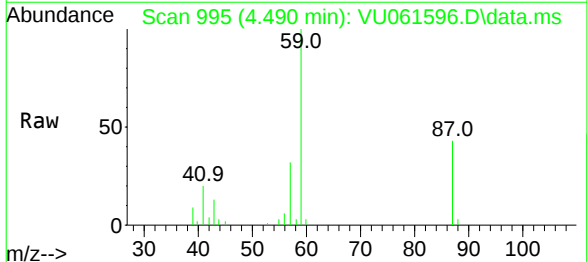
Tgt Ion: 45 Resp: 26050
Ion Ratio Lower Upper
45 100
43 51.4 25.8 77.3

Manual Integrations
APPROVED

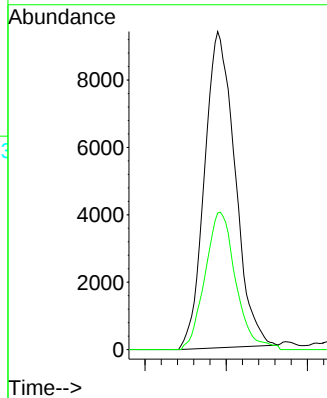
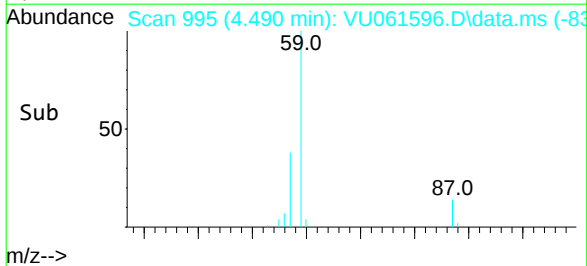
Reviewed By :Semsettin Yesilyurt 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024

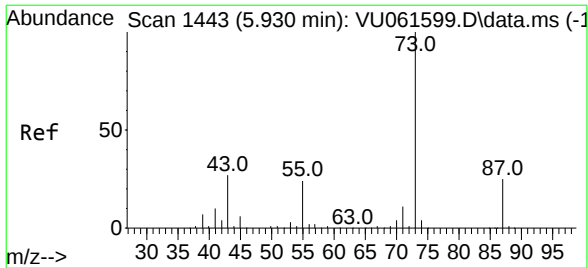


#32
Ethyl-t-butyl ether
Concen: 0.875 ug/l
RT: 4.490 min Scan# 995
Delta R.T. 0.000 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32



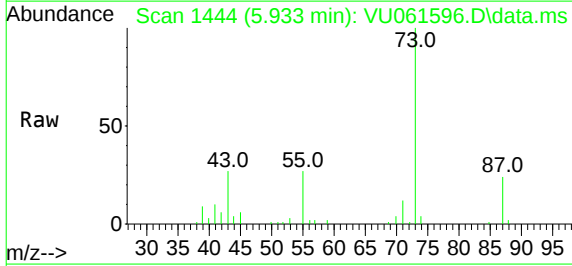
Tgt Ion: 59 Resp: 24465
Ion Ratio Lower Upper
59 100
87 43.6 35.5 53.3





Tert-Amyl methyl ether
 Concen: 0.840 ug/l
 RT: 5.933 min Scan# 1443
 Delta R.T. 0.003 min
 Lab File: VU061596.D
 Acq: 12 Nov 2024 09:32

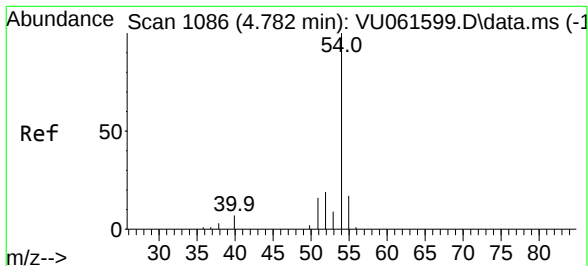
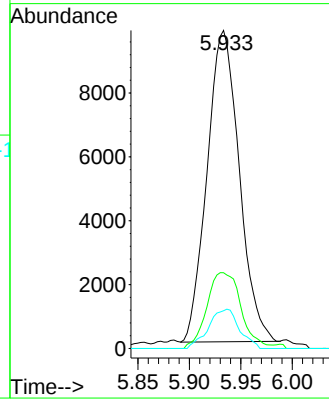
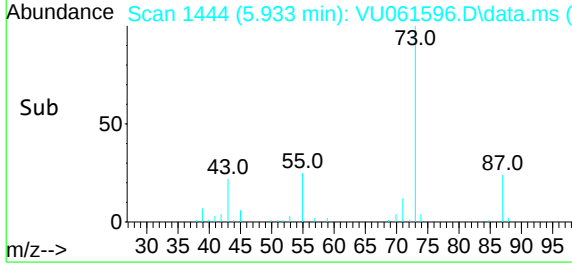
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001



Tgt Ion	Ratio	Lower	Upper
73	100		
87	24.5	19.8	29.6
71	12.0	9.0	13.4

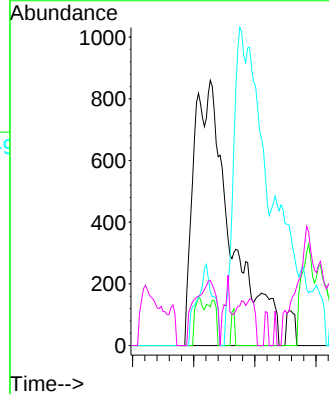
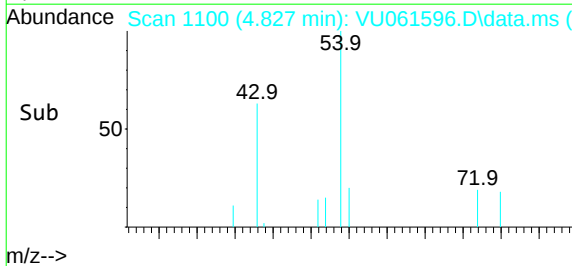
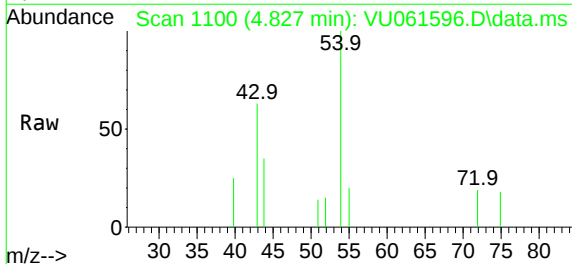
Manual Integrations
 APPROVED

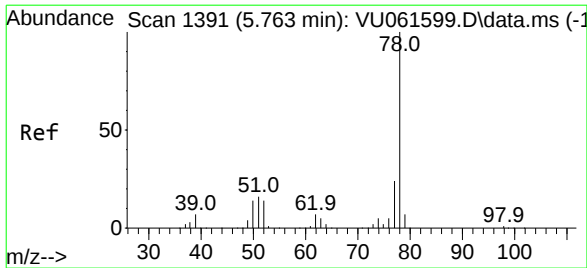
Reviewed By :Semsettin Yesilyurt 11/13/2024
 Supervised By :Mahesh Dadoda 11/13/2024



Propionitrile
 Concen: 4.564 ug/l m
 RT: 4.827 min Scan# 1100
 Delta R.T. 0.045 min
 Lab File: VU061596.D
 Acq: 12 Nov 2024 09:32

Tgt Ion	Ratio	Lower	Upper
54	100		
52	4.3	15.8	23.8#
55	13.4	10.7	16.1
40	14.0	4.5	6.7#





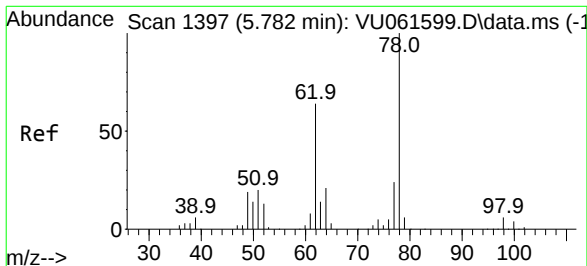
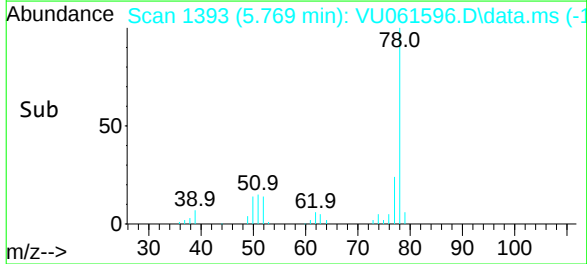
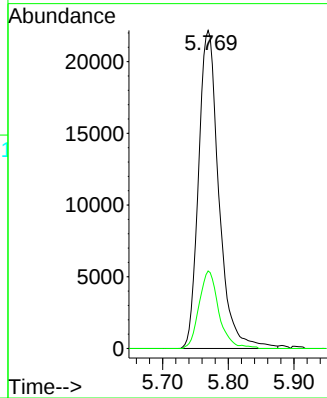
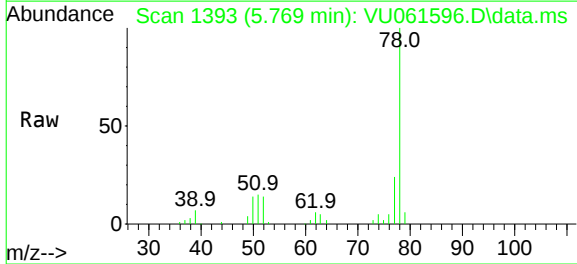
#35
Benzene
Concen: 0.926 ug/l
RT: 5.769 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 78 Resp: 47730
Ion Ratio Lower Upper
78 100
77 24.4 19.6 29.4

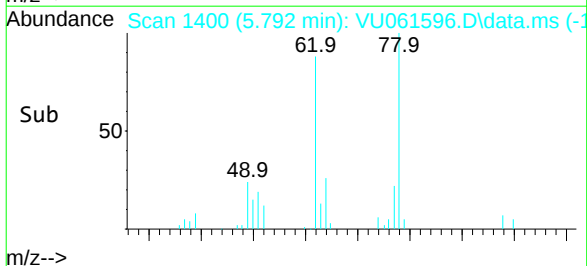
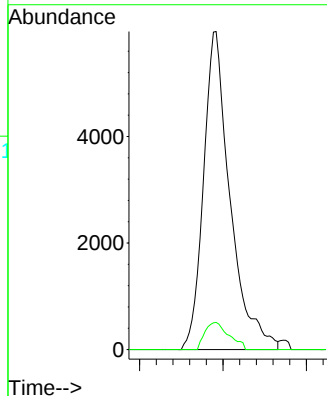
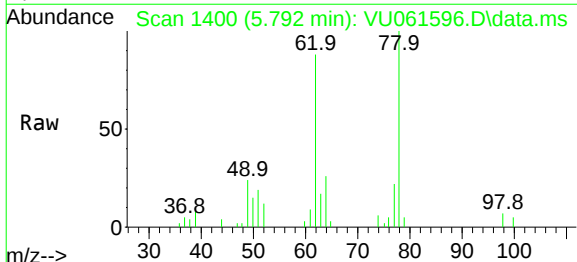
Manual Integrations
APPROVED

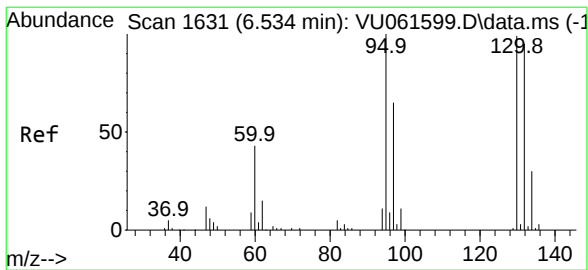
Reviewed By :Semsettin Yesilyurt 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#36
1,2-Dichloroethane
Concen: 0.924 ug/l
RT: 5.792 min Scan# 1400
Delta R.T. 0.010 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

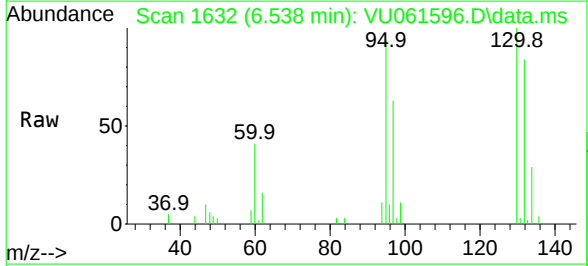
Tgt Ion: 62 Resp: 13235
Ion Ratio Lower Upper
62 100
98 7.7 7.4 11.0





#37
Trichloroethene
Concen: 0.954 ug/l
RT: 6.538 min Scan# 1631
Delta R.T. 0.003 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

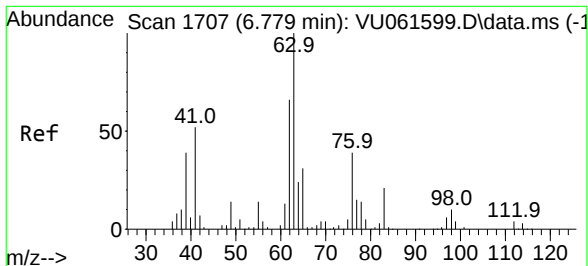
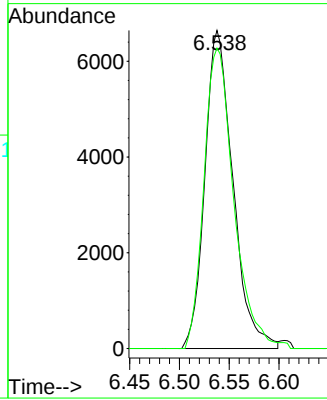
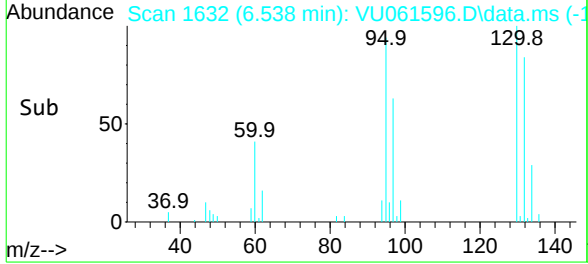
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



Tgt Ion: 130 Resp: 13025
Ion Ratio Lower Upper
130 100
95 94.4 80.6 120.8

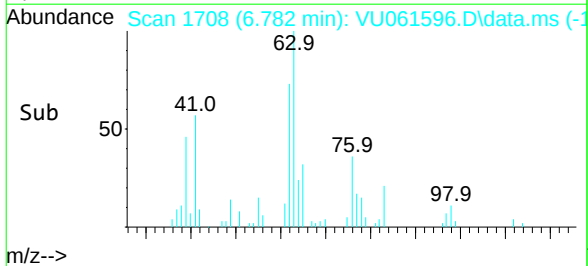
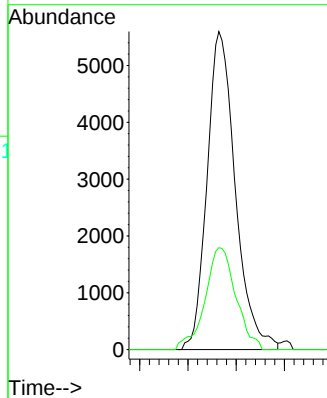
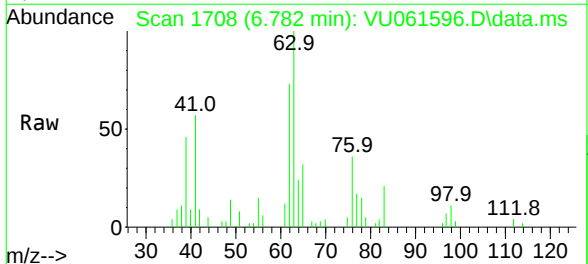
Manual Integrations
APPROVED

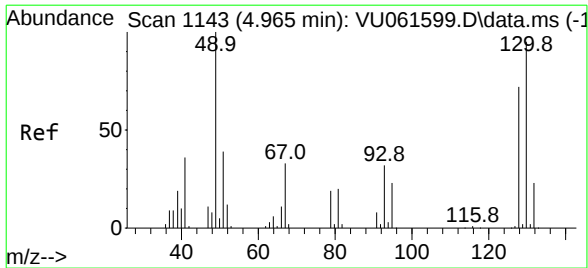
Reviewed By : Semsettin Yesilyurt 11/13/2024
Supervised By : Mahesh Dadoda 11/13/2024



#38
1,2-Dichloropropane
Concen: 0.879 ug/l
RT: 6.782 min Scan# 1708
Delta R.T. 0.003 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

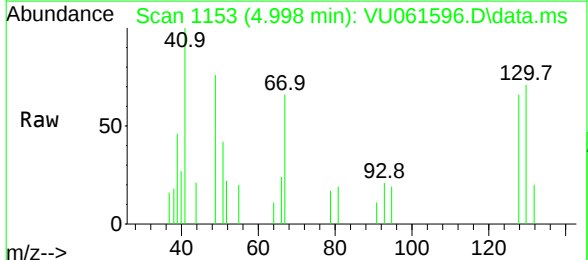
Tgt Ion: 63 Resp: 11386
Ion Ratio Lower Upper
63 100
65 32.0 25.3 37.9





#39
Methacrylonitrile
Concen: 0.851 ug/l
RT: 4.998 min Scan# 1115
Delta R.T. 0.032 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

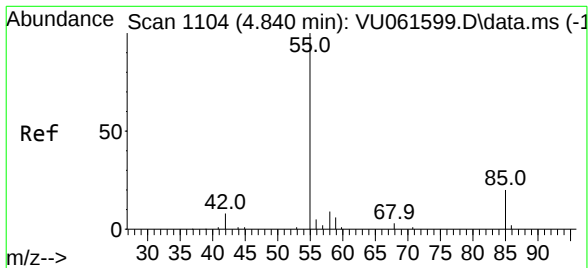
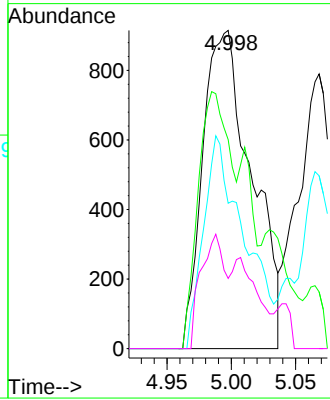
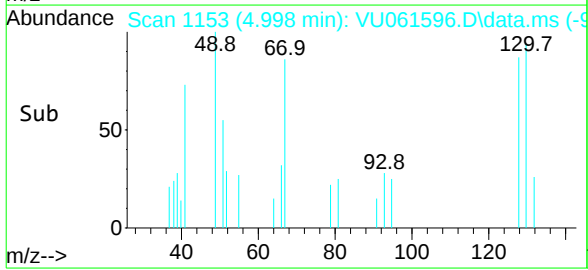
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



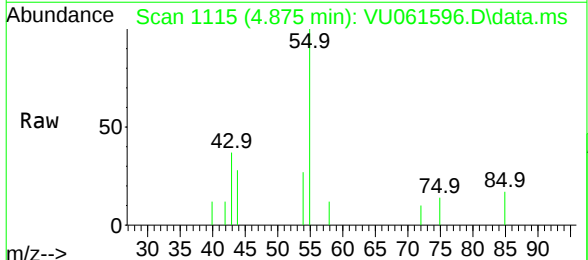
Tgt Ion: 41 Resp: 2418
Ion Ratio Lower Upper
41 100
67 54.7 77.6 116.4#
39 55.7 43.9 65.9
52 17.8 30.3 45.5#

Manual Integrations
APPROVED

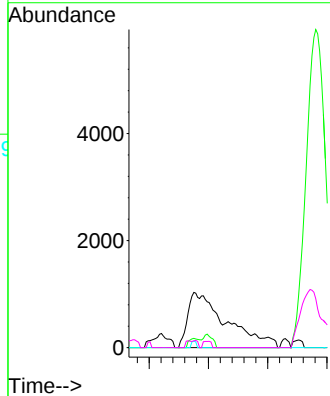
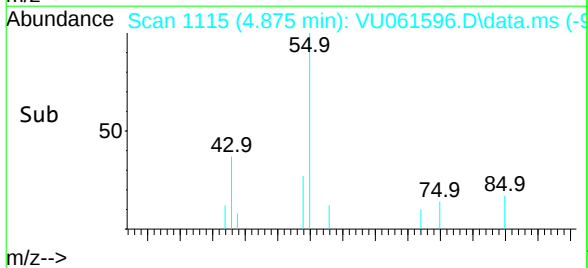
Reviewed By :Semsettin Yesilyurt 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024

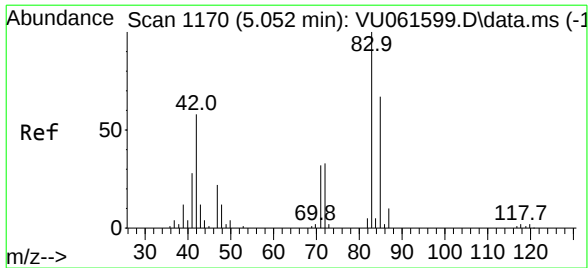


#40
Methyl acrylate
Concen: 0.913 ug/l m
RT: 4.875 min Scan# 1115
Delta R.T. 0.035 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32



Tgt Ion: 55 Resp: 4692
Ion Ratio Lower Upper
55 100
85 0.0 16.5 24.7#
58 1.4 7.6 11.4#
42 2.0 6.7 10.1#





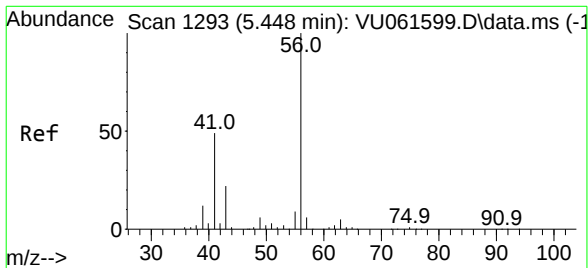
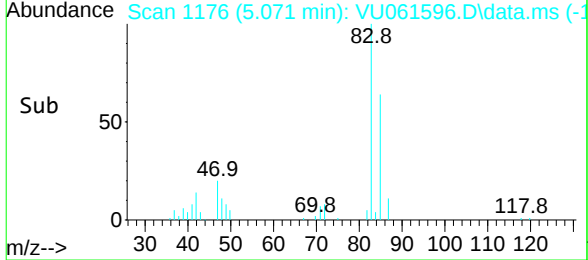
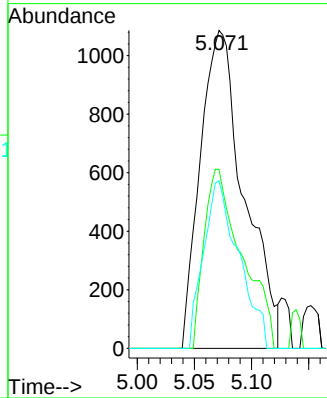
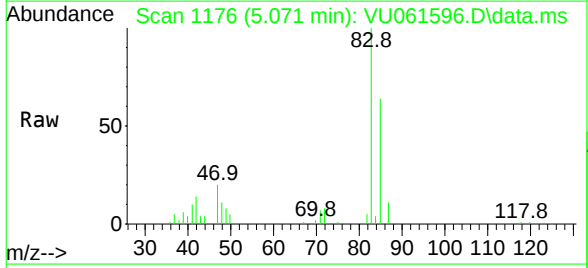
#41
Tetrahydrofuran
Concen: 1.807 ug/l
RT: 5.071 min Scan# 1176
Delta R.T. 0.019 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

Instrument : MSVOA_U
ClientSampleId : VSTDICC001

Tgt Ion: 42	Resp: 2899
Ion Ratio	Lower Upper
42 100	
72 48.6	49.1 73.7
71 42.3	40.2 60.4

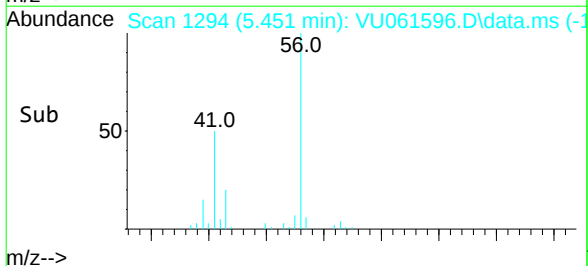
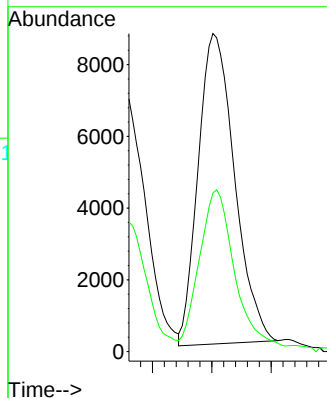
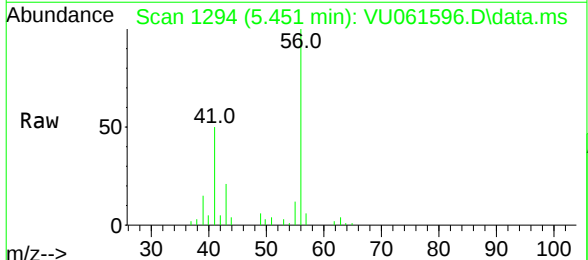
Manual Integrations
APPROVED

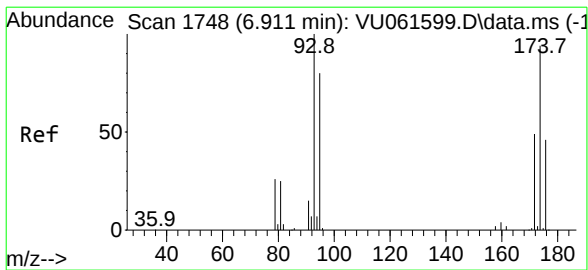
Reviewed By :Semsettin Yesilyurt 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#42
1-Chlorobutane
Concen: 0.853 ug/l
RT: 5.451 min Scan# 1294
Delta R.T. 0.003 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

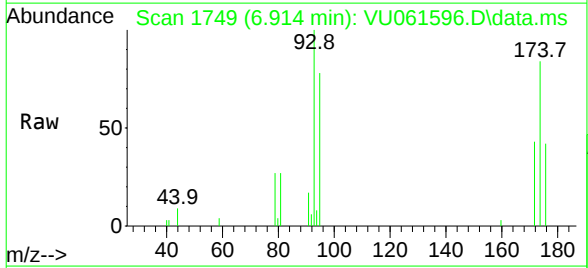
Tgt Ion: 56	Resp: 18424
Ion Ratio	Lower Upper
56 100	
41 48.4	23.4 70.2





#43
Dibromomethane
Concen: 0.917 ug/l
RT: 6.914 min Scan# 1749
Delta R.T. 0.003 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

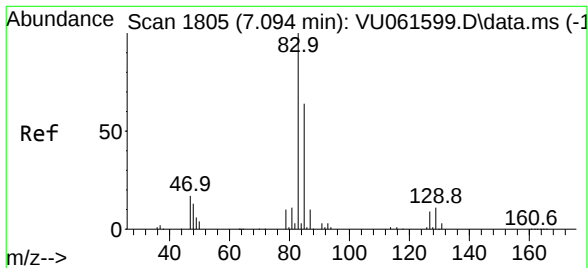
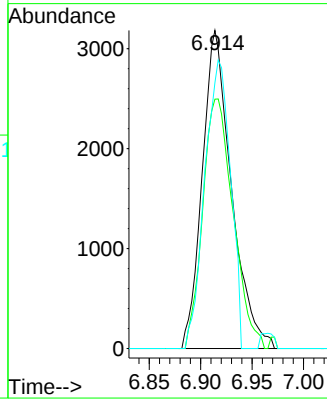
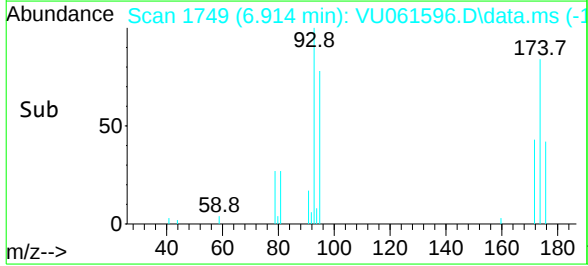
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



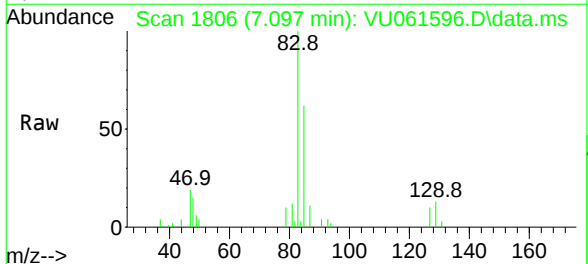
Tgt Ion: 93 Resp: 6285
Ion Ratio Lower Upper
93 100
95 81.7 65.2 97.8
174 79.9 75.3 112.9

Manual Integrations
APPROVED

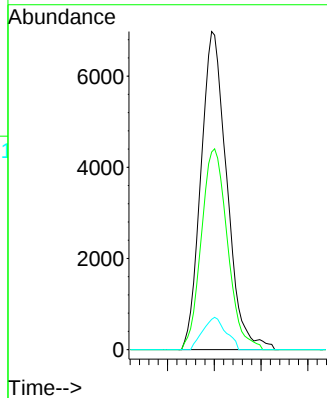
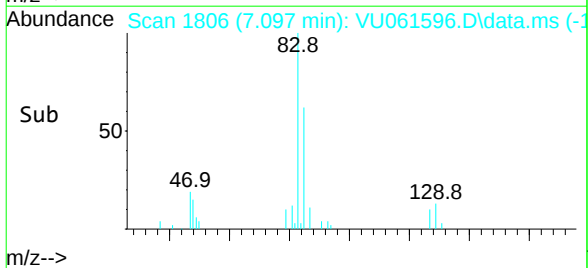
Reviewed By :Semsettin Yesilyurt 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024

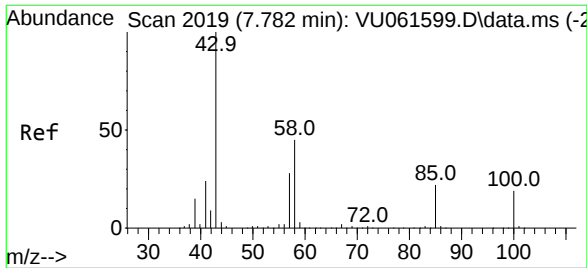


#44
Bromodichloromethane
Concen: 0.867 ug/l
RT: 7.097 min Scan# 1806
Delta R.T. 0.003 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32



Tgt Ion: 83 Resp: 13419
Ion Ratio Lower Upper
83 100
85 62.1 51.4 77.0
127 9.5 7.2 10.8





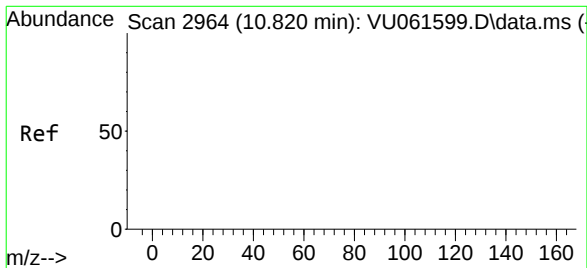
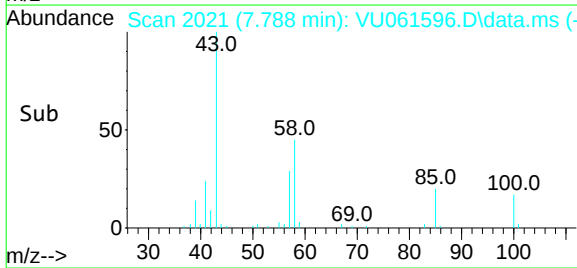
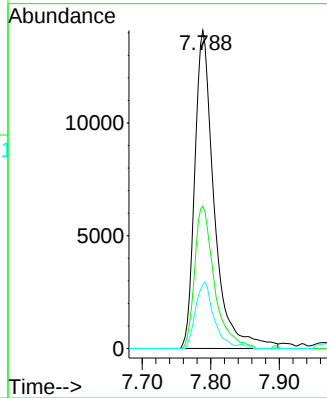
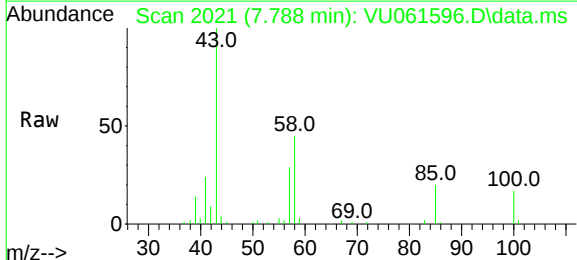
#45
4-Methyl-2-Pentanone
Concen: 4.356 ug/l
RT: 7.788 min Scan# 2019
Delta R.T. 0.006 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:	43	Resp:	27784
Ion	Ratio	Lower	Upper
43	100		
58	45.3	22.3	66.8
85	19.5	17.2	25.8

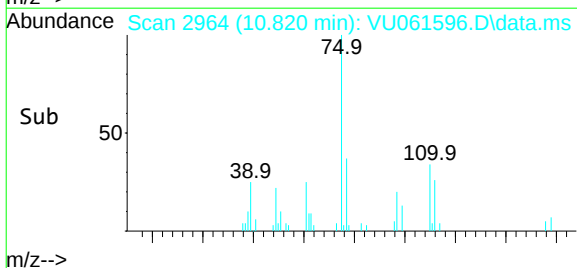
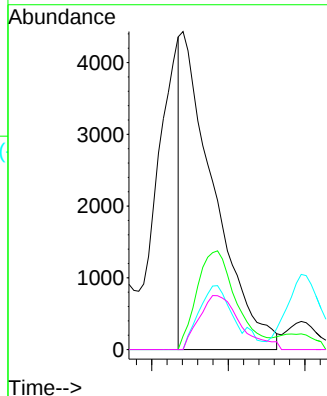
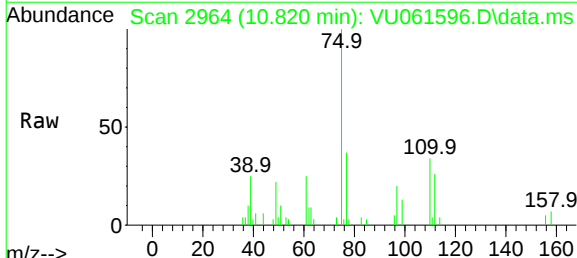
Manual Integrations
APPROVED

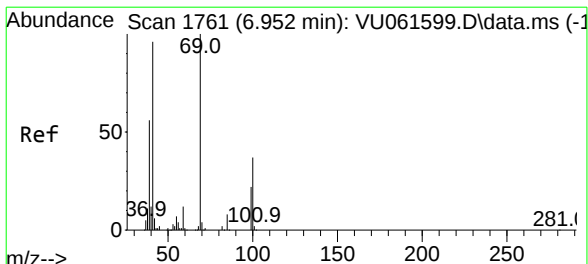
Reviewed By :Semsettin Yesilyurt 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#46
t-1,4-Dichloro-2-butene
Concen: 1.867 ug/l m
RT: 10.820 min Scan# 2964
Delta R.T. 0.000 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

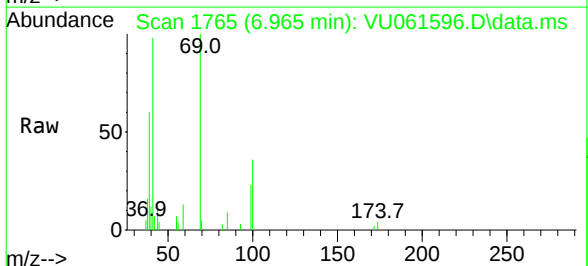
Tgt Ion:	75	Resp:	6585
Ion	Ratio	Lower	Upper
75	100		
53	37.6	50.7	76.1#
89	22.4	35.2	52.8#
88	21.4	27.2	40.8#





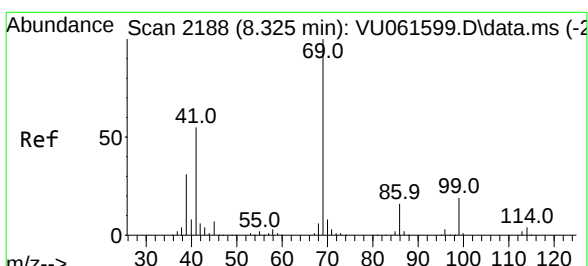
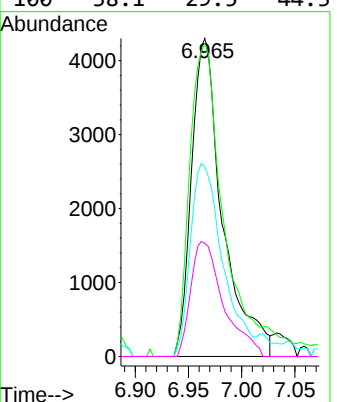
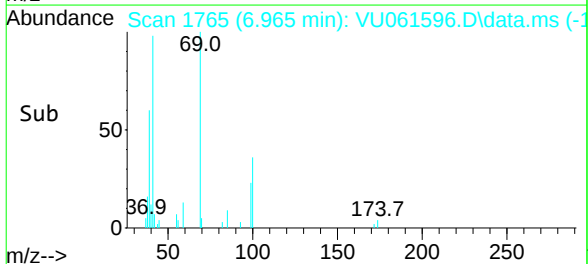
#47
Methyl methacrylate
Concen: 1.604 ug/l
RT: 6.965 min Scan# 1765
Delta R.T. 0.013 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

Instrument : MSVOA_U
ClientSampleId : VSTDIC001

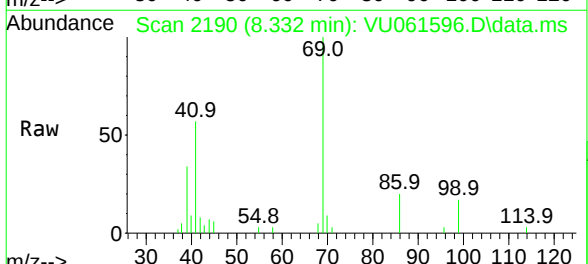


Tgt Ion	Ratio	Lower	Upper
69	100		
41	110.3	0.0	193.6
39	63.6	46.6	70.0
100	38.1	29.5	44.3

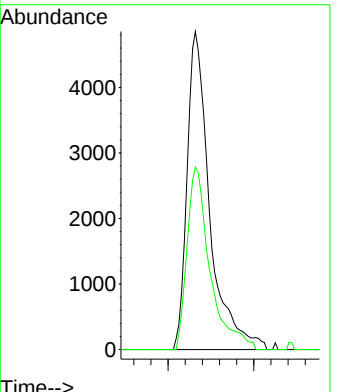
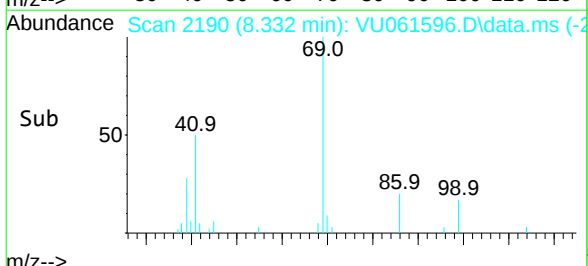
Manual Integrations
APPROVED
Reviewed By :Semsettin Yesilyurt 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024

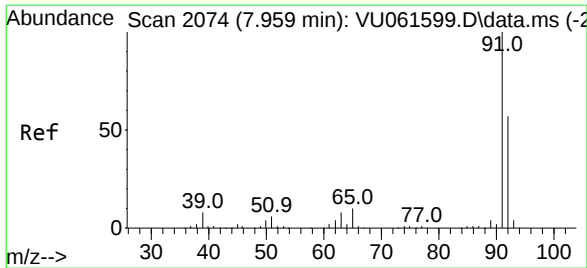


#48
Ethyl methacrylate
Concen: 0.804 ug/l
RT: 8.332 min Scan# 2190
Delta R.T. 0.007 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32



Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.1	27.3	81.9





#49

Toluene

Concen: 0.892 ug/l

RT: 7.965 min Scan# 2074

Delta R.T. 0.006 min

Lab File: VU061596.D

Acq: 12 Nov 2024 09:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion: 92 Resp: 28084

Ion Ratio Lower Upper

92 100

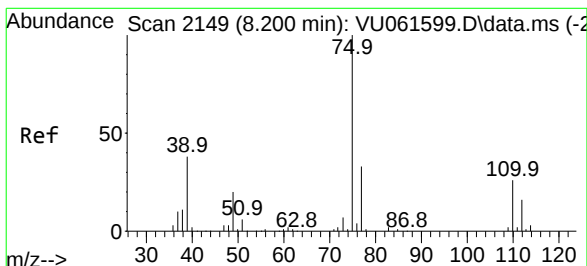
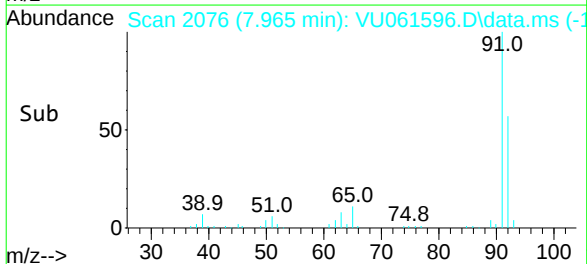
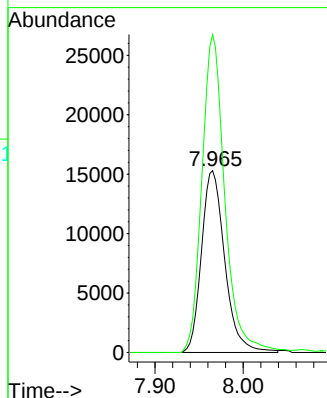
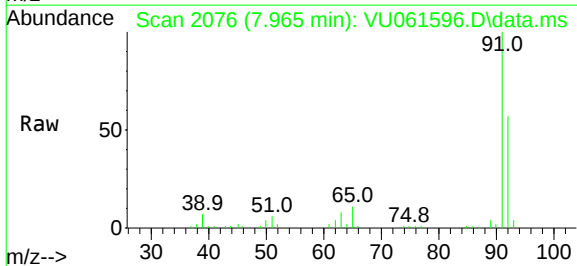
91 172.4 139.6 209.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/13/2024

Supervised By :Mahesh Dadoda 11/13/2024



#50

t-1,3-Dichloropropene

Concen: 0.840 ug/l

RT: 8.210 min Scan# 2152

Delta R.T. 0.010 min

Lab File: VU061596.D

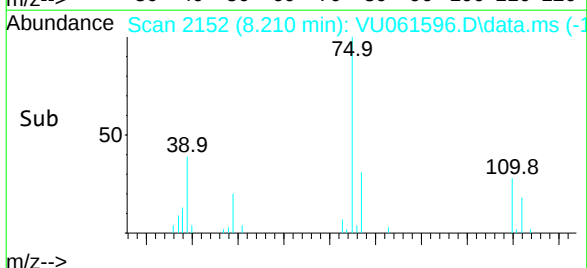
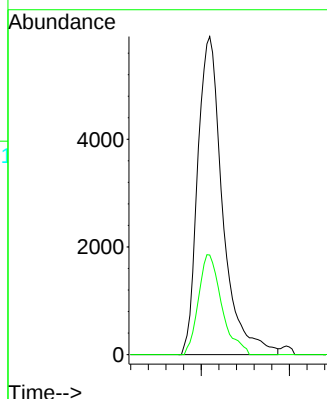
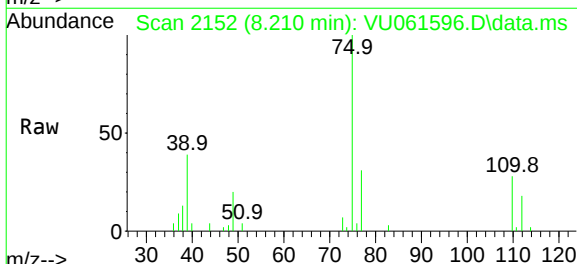
Acq: 12 Nov 2024 09:32

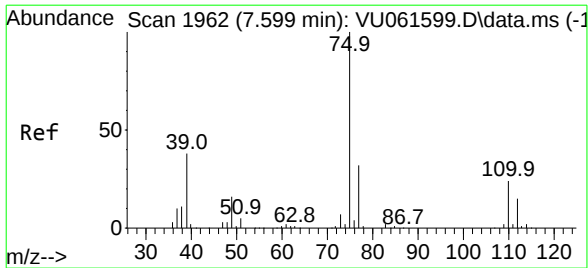
Tgt Ion: 75 Resp: 11637

Ion Ratio Lower Upper

75 100

77 31.3 26.0 39.0





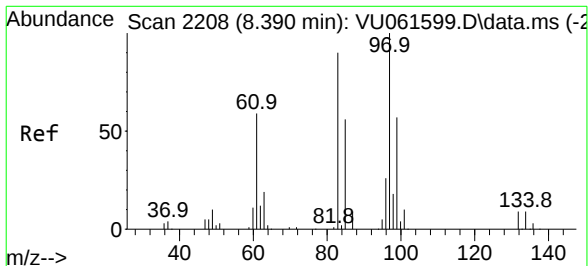
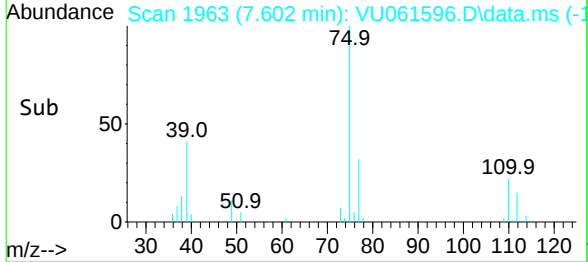
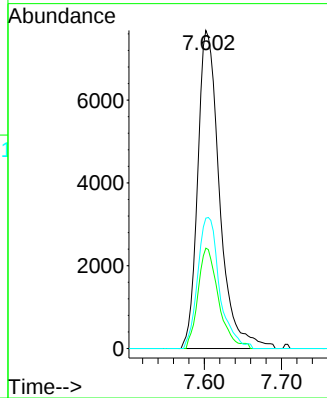
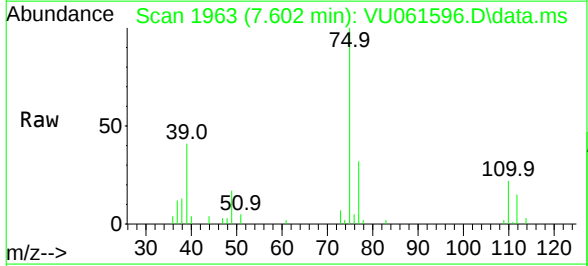
#51
cis-1,3-Dichloropropene
Concen: 0.850 ug/l
RT: 7.602 min Scan# 1962
Delta R.T. 0.003 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.5	38.3
39	41.0	30.6	46.0

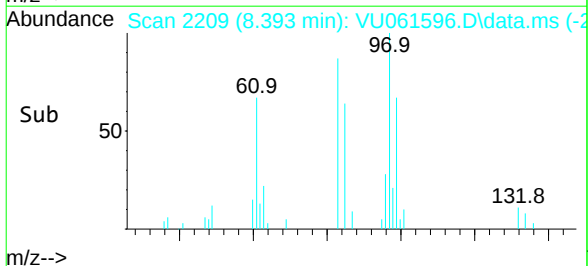
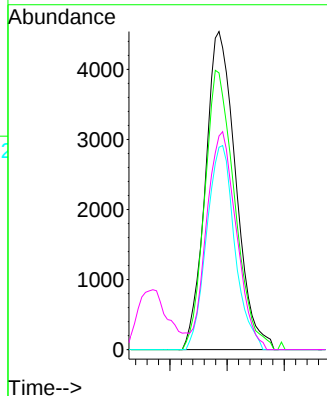
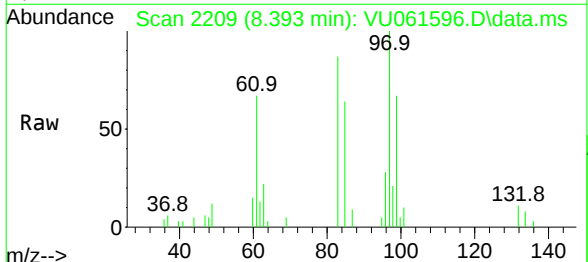
Manual Integrations
APPROVED

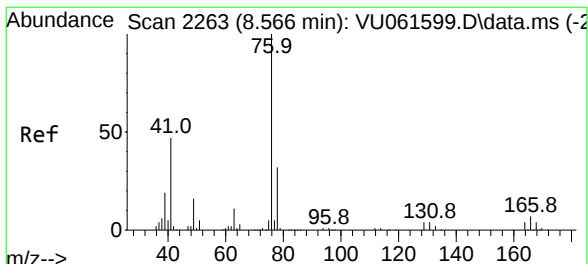
Reviewed By :Semsettin Yesilyurt 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#52
1,1,2-Trichloroethane
Concen: 0.891 ug/l
RT: 8.393 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.0	71.7	107.5
85	63.6	45.2	67.8
99	67.2	48.7	73.1





#53
 1,3-Dichloropropane
 Concen: 0.911 ug/l
 RT: 8.570 min Scan# 2263
 Delta R.T. 0.003 min
 Lab File: VU061596.D
 Acq: 12 Nov 2024 09:32

Instrument :

MSVOA_U

ClientSampleId :

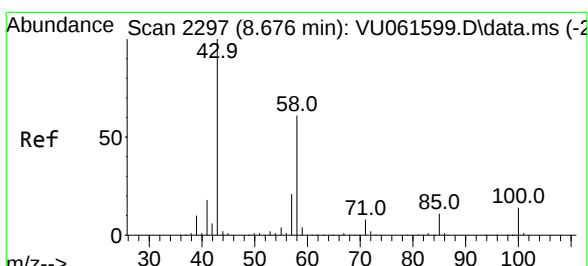
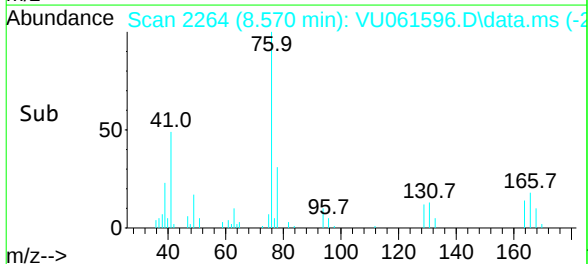
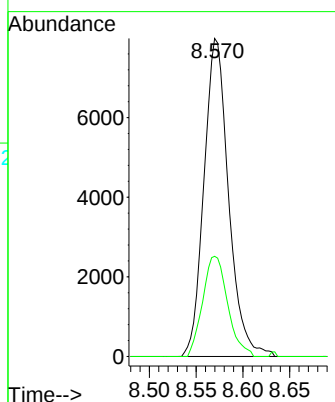
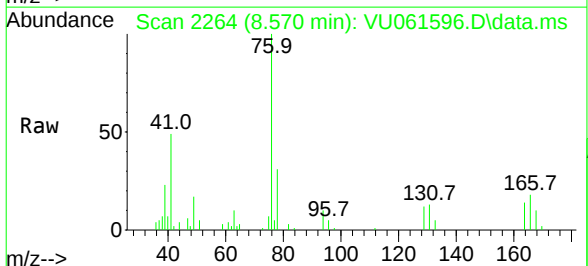
VSTDICC001

Tgt Ion:	76	Resp:	14619
Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.8	38.8

Manual Integrations

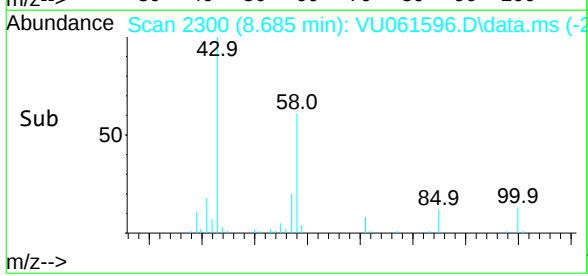
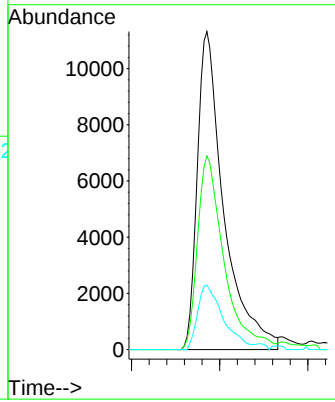
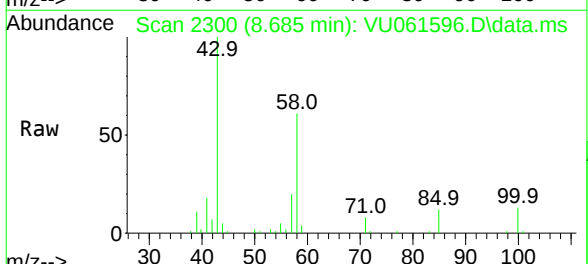
APPROVED

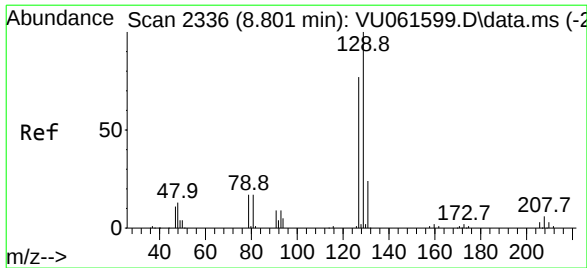
Reviewed By :Semsettin Yesilyurt 11/13/2024
 Supervised By :Mahesh Dadoda 11/13/2024



#54
 2-Hexanone
 Concen: 4.350 ug/l
 RT: 8.685 min Scan# 2300
 Delta R.T. 0.010 min
 Lab File: VU061596.D
 Acq: 12 Nov 2024 09:32

Tgt Ion:	43	Resp:	23641
Ion	Ratio	Lower	Upper
43	100		
58	60.6	42.3	82.3
57	19.6	0.9	40.9





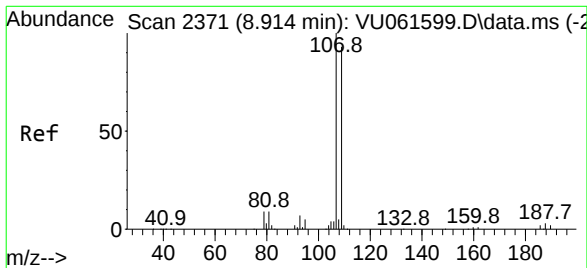
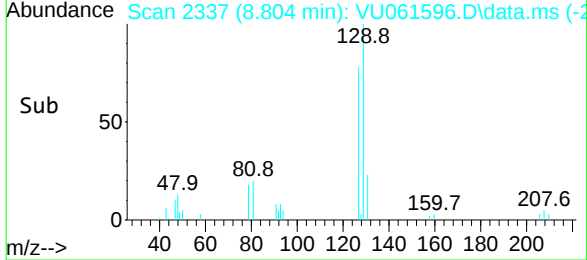
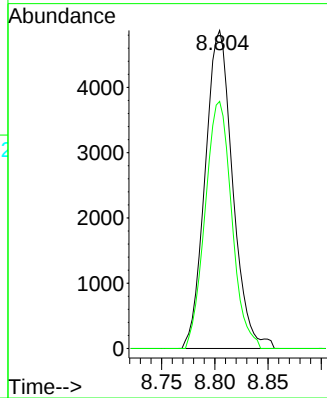
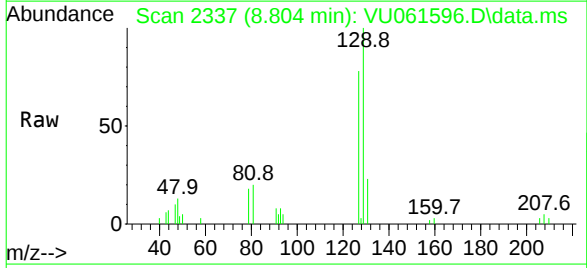
#55
Dibromochloromethane
Concen: 0.862 ug/l
RT: 8.804 min Scan# 2336
Delta R.T. 0.003 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion:129 Resp: 8771
Ion Ratio Lower Upper
129 100
127 75.1 61.8 92.8

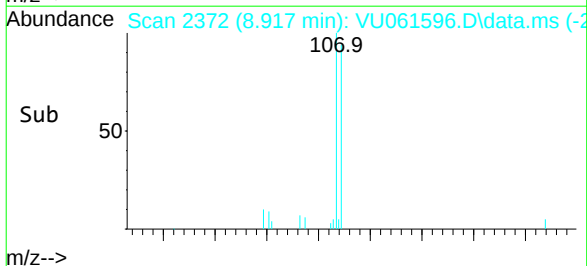
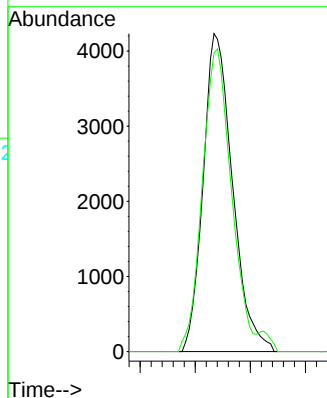
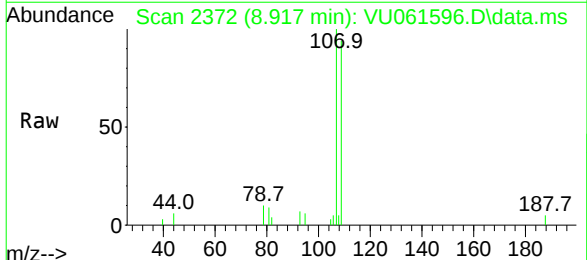
Manual Integrations
APPROVED

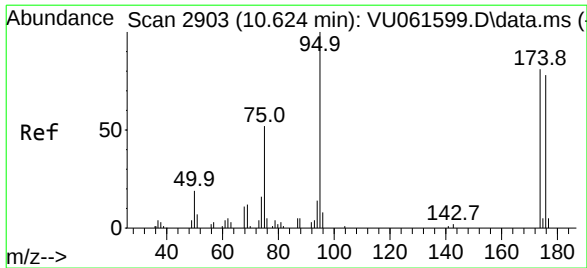
Reviewed By :Semsettin Yesilyurt 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#56
1,2-Dibromoethane
Concen: 0.887 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. 0.003 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

Tgt Ion:107 Resp: 7832
Ion Ratio Lower Upper
107 100
109 94.0 0.0 188.8





#57

4-Bromofluorobenzene

Concen: 0.950 ug/l

RT: 10.631 min Scan# 2905

Delta R.T. 0.006 min

Lab File: VU061596.D

Acq: 12 Nov 2024 09:32

Instrument :

MSVOA_U

ClientSampleId :

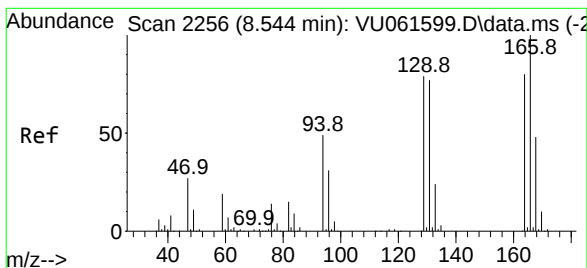
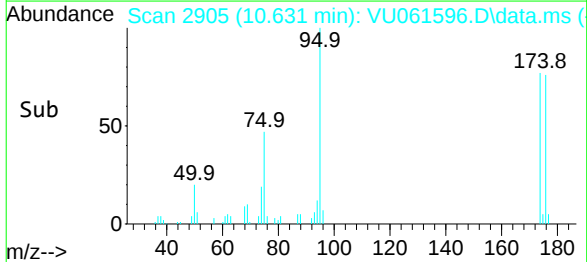
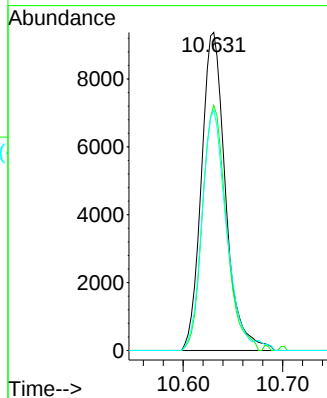
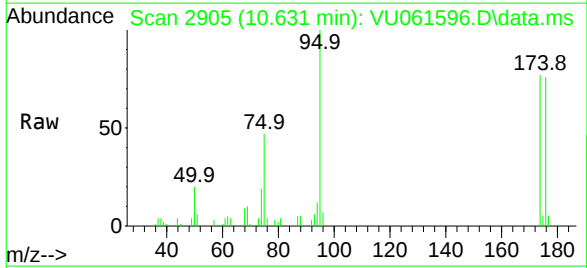
VSTDICC001

Tgt	Ion: 95	Resp:	15751
Ion	Ratio	Lower	Upper
95	100		
174	76.1	67.5	101.3
176	77.6	62.7	94.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#58

Tetrachloroethene

Concen: 0.926 ug/l

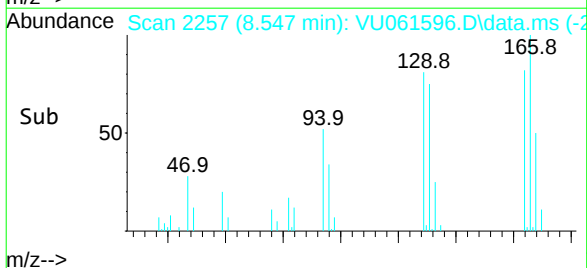
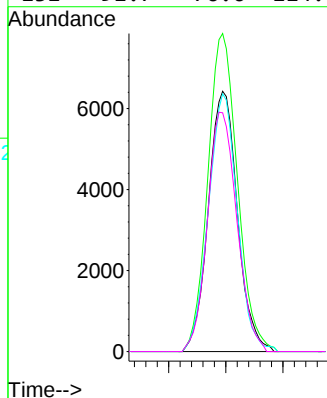
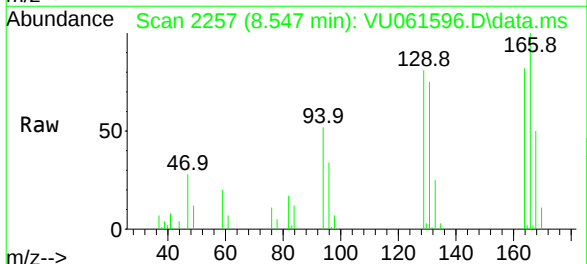
RT: 8.547 min Scan# 2257

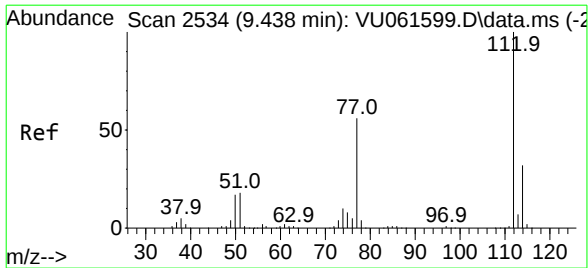
Delta R.T. 0.003 min

Lab File: VU061596.D

Acq: 12 Nov 2024 09:32

Tgt	Ion:164	Resp:	11373
Ion	Ratio	Lower	Upper
164	100		
166	122.2	99.9	149.9
129	99.0	78.6	118.0
131	91.7	76.6	114.8





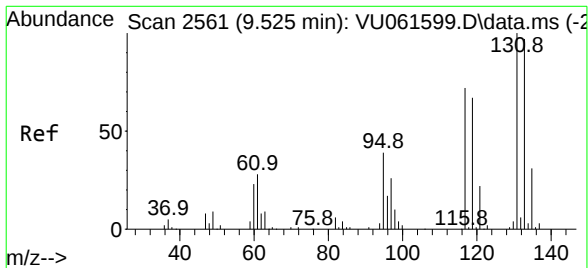
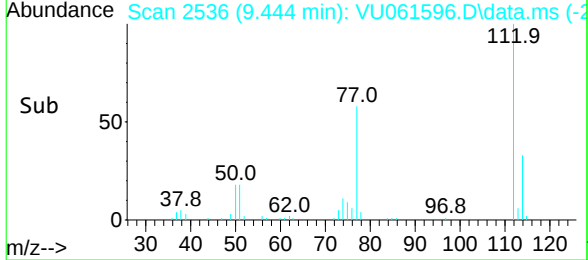
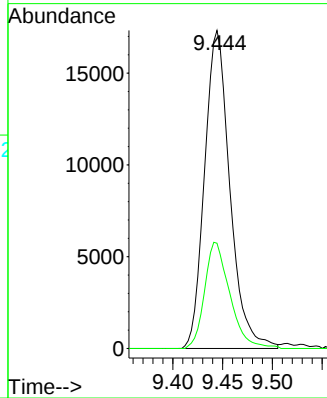
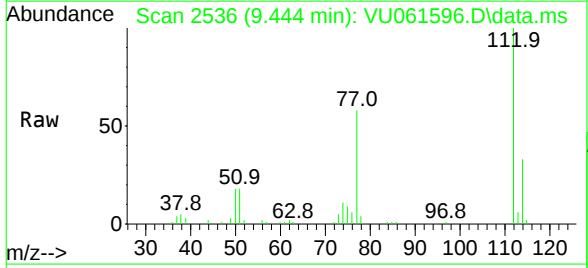
#59
Chlorobenzene
Concen: 0.882 ug/l
RT: 9.444 min Scan# 2534
Delta R.T. 0.006 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion:112 Resp: 30694
Ion Ratio Lower Upper
112 100
114 33.1 25.6 38.4

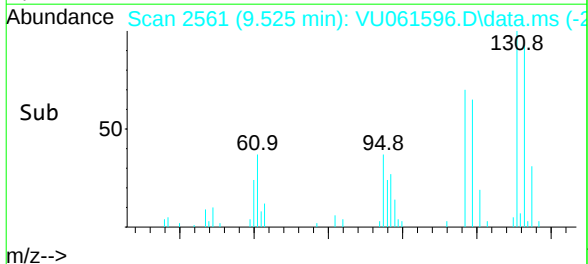
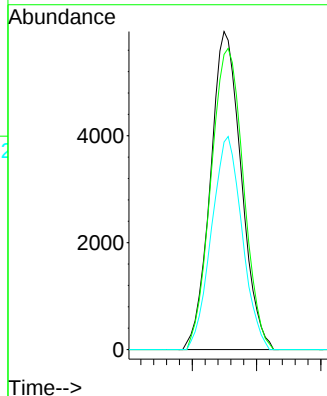
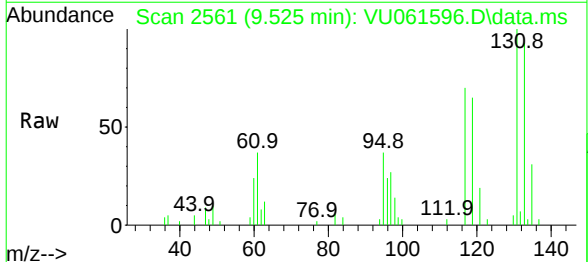
Manual Integrations
APPROVED

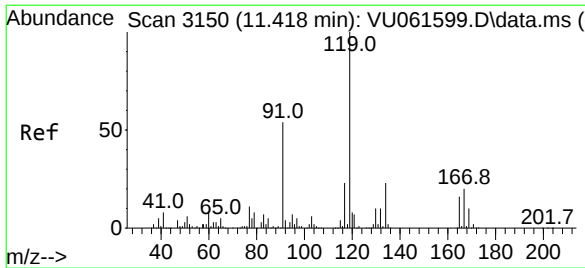
Reviewed By :Semsettin Yesilyurt 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#60
1,1,1,2-Tetrachloroethane
Concen: 0.865 ug/l
RT: 9.525 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

Tgt Ion:131 Resp: 9928
Ion Ratio Lower Upper
131 100
133 99.5 76.4 114.6
119 66.4 53.5 80.3





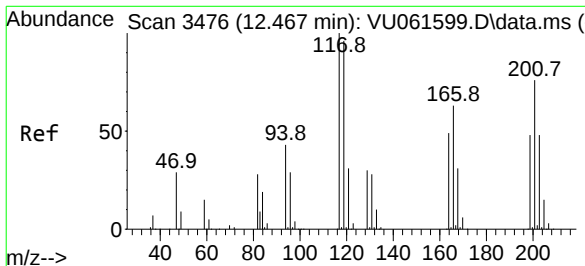
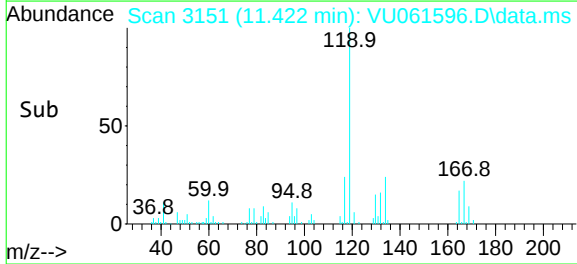
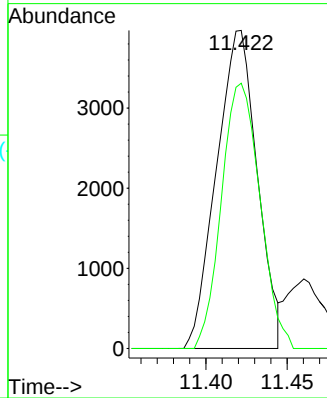
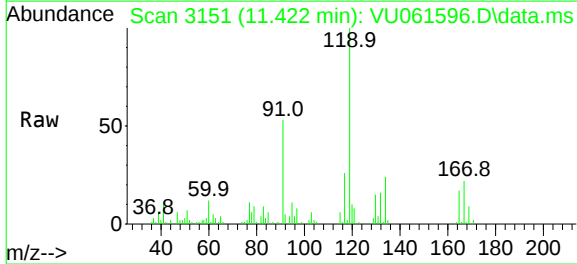
#61
Pentachloroethane
Concen: 0.801 ug/l
RT: 11.422 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:117 Resp: 6923
Ion Ratio Lower Upper
117 100
167 78.7 65.4 98.0

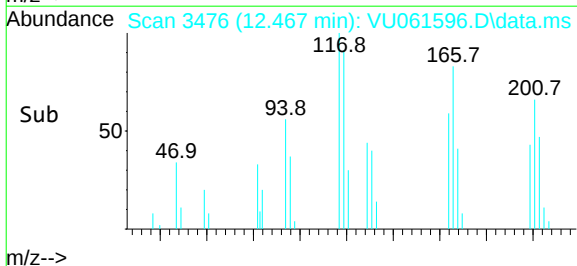
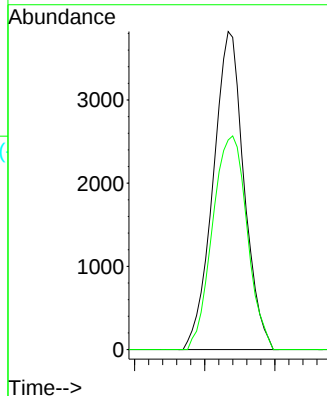
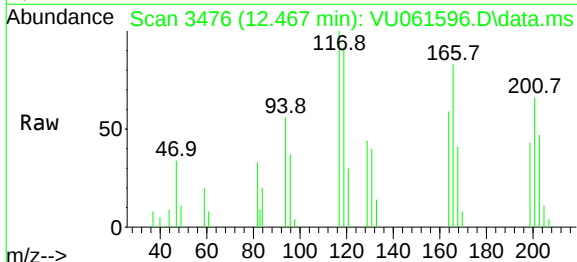
Manual Integrations
APPROVED

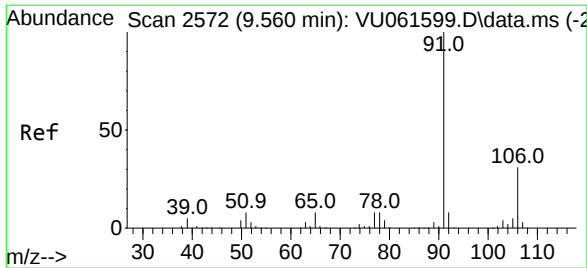
Reviewed By :Semsettin Yesilyurt 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#62
Hexachloroethane
Concen: 0.976 ug/l
RT: 12.467 min Scan# 3476
Delta R.T. 0.000 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

Tgt Ion:117 Resp: 5845
Ion Ratio Lower Upper
117 100
201 75.2 61.0 91.6





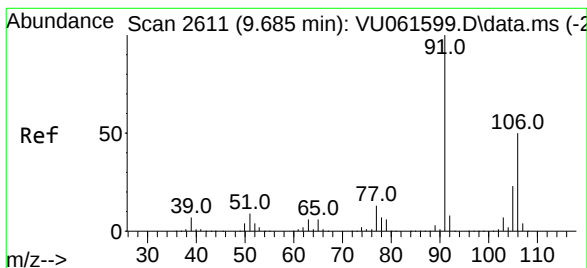
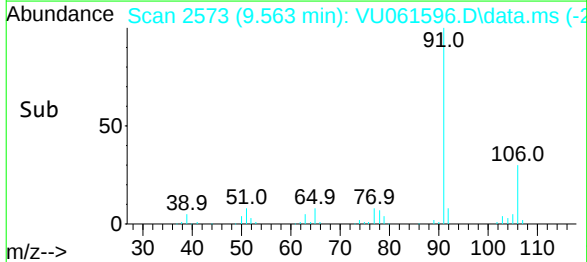
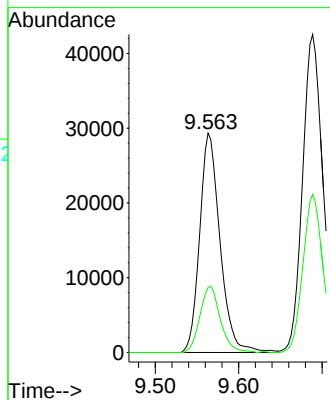
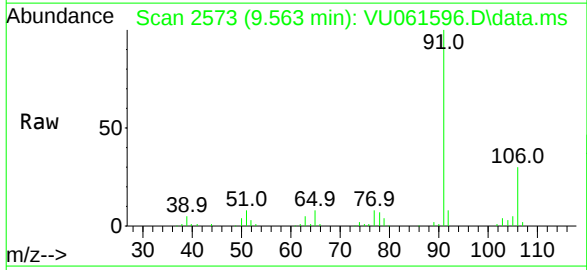
#63
Ethyl Benzene
Concen: 0.850 ug/l
RT: 9.563 min Scan# 2572
Delta R.T. 0.003 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 49794
Ion Ratio Lower Upper
91 100
106 29.6 24.9 37.3

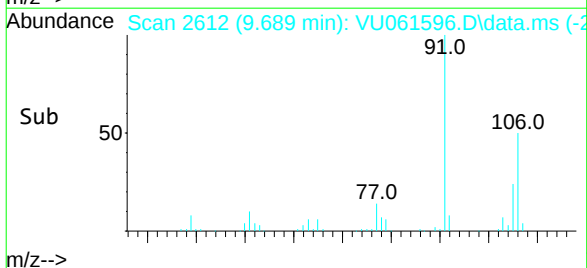
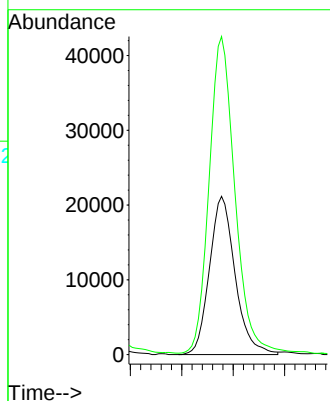
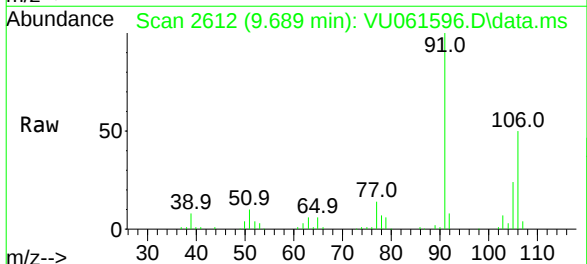
Manual Integrations
APPROVED

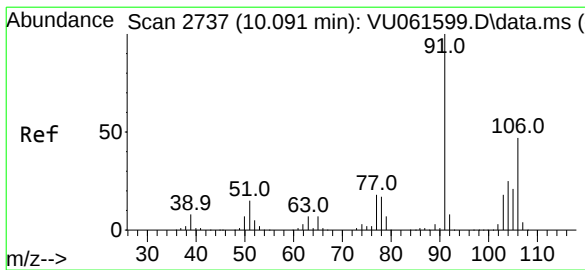
Reviewed By :Semsettin Yesilyurt 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#64
m/p-Xylenes
Concen: 1.627 ug/l
RT: 9.689 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

Tgt Ion:106 Resp: 36695
Ion Ratio Lower Upper
106 100
91 202.0 161.3 241.9





#65

o-Xylene

Concen: 0.828 ug/l

RT: 10.094 min Scan# 2737

Delta R.T. 0.003 min

Lab File: VU061596.D

Acq: 12 Nov 2024 09:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion:106 Resp: 18216

Ion Ratio Lower Upper

106 100

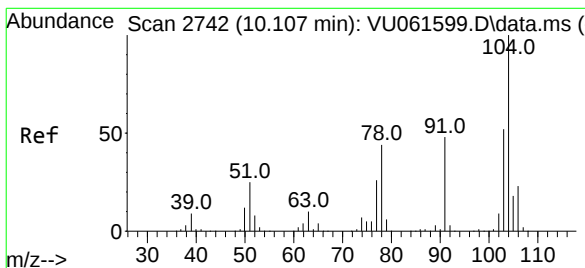
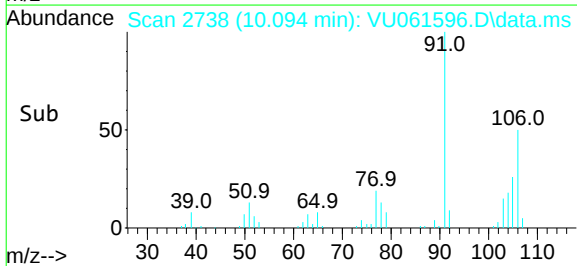
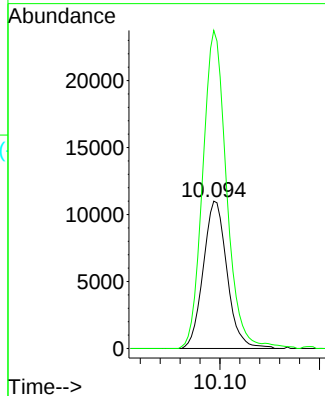
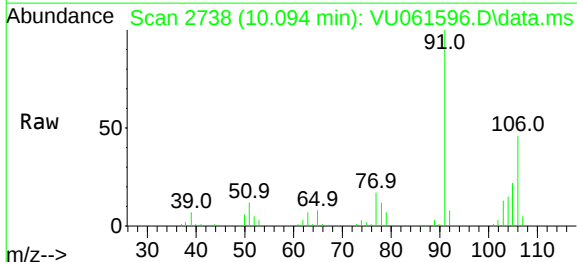
91 217.2 106.7 320.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/13/2024

Supervised By :Mahesh Dadoda 11/13/2024



#66

Styrene

Concen: 0.934 ug/l

RT: 10.113 min Scan# 2744

Delta R.T. 0.006 min

Lab File: VU061596.D

Acq: 12 Nov 2024 09:32

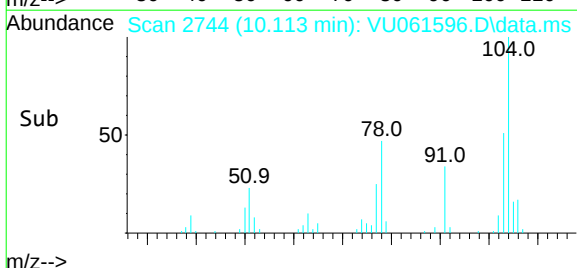
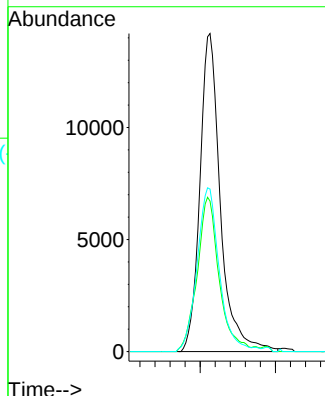
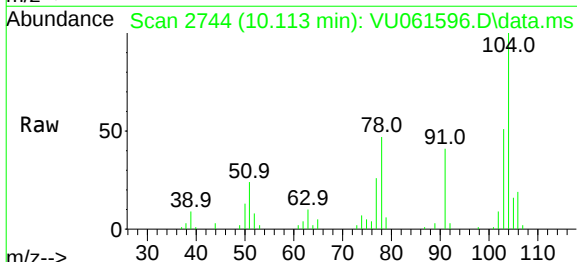
Tgt Ion:104 Resp: 26880

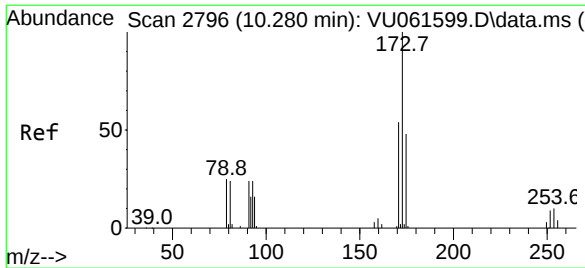
Ion Ratio Lower Upper

104 100

78 51.9 39.2 58.8

103 55.6 44.9 67.3





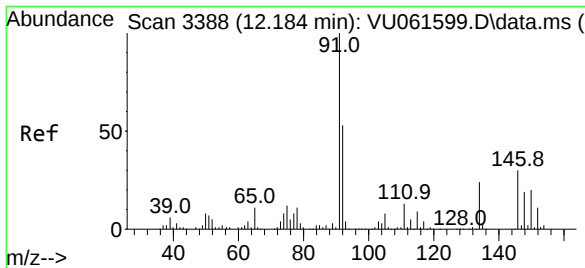
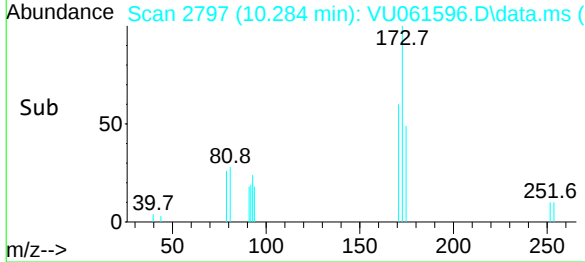
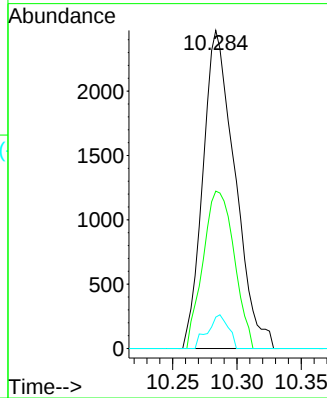
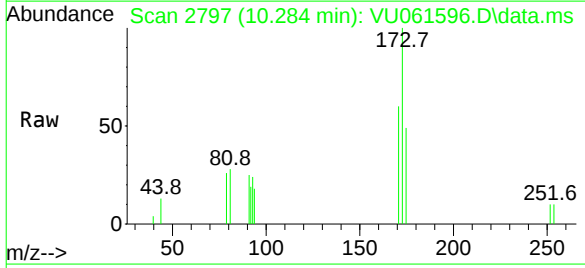
#67
Bromoform
Concen: 0.809 ug/l
RT: 10.284 min Scan# 2796
Delta R.T. 0.003 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion:	173	Resp:	4269
Ion Ratio	Lower	Upper	
173	100		
175	48.2	38.4	57.6
254	6.8	7.7	11.5

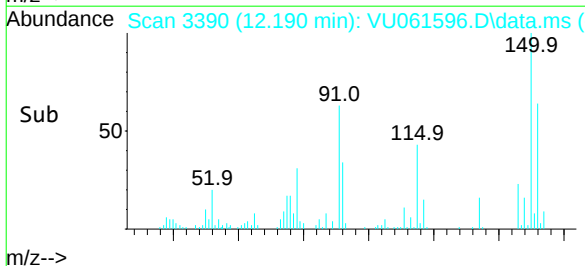
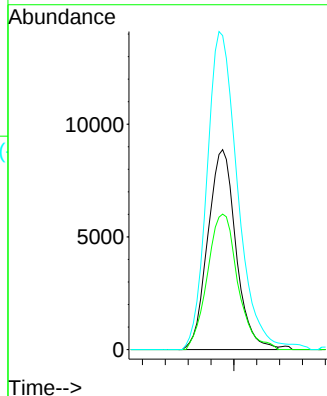
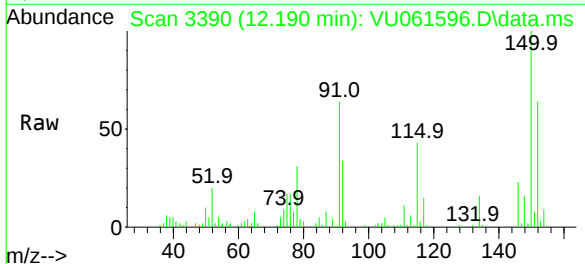
Manual Integrations
APPROVED

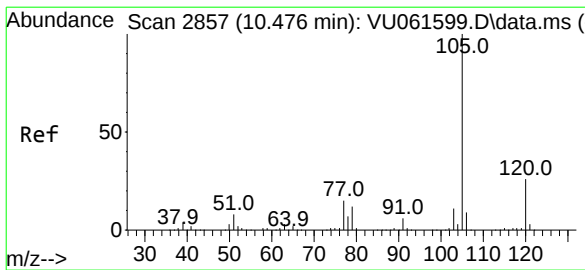
Reviewed By :Semsettin Yesilyurt 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#68
1,2-Dichlorobenzene-d4
Concen: 0.918 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.007 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

Tgt Ion:	152	Resp:	15152
Ion Ratio	Lower	Upper	
152	100		
115	73.3	0.0	259.0
150	174.3	0.0	650.2





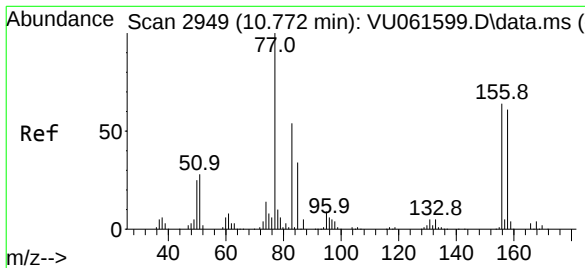
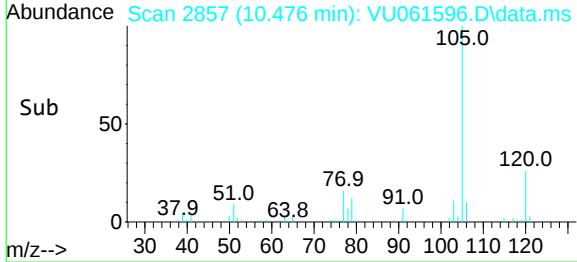
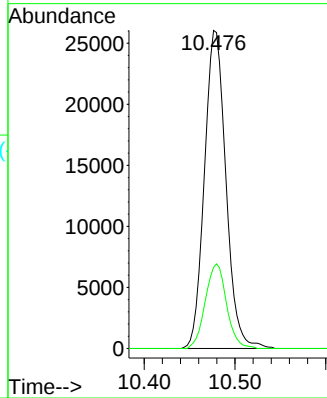
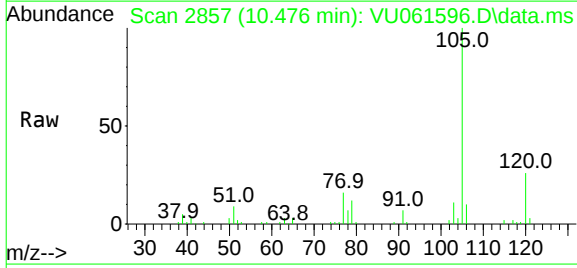
#69
Isopropylbenzene
Concen: 0.832 ug/l
RT: 10.476 min Scan# 2857
Delta R.T. 0.000 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 105 Resp: 42818
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.6

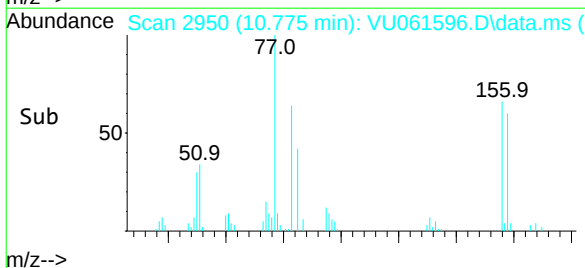
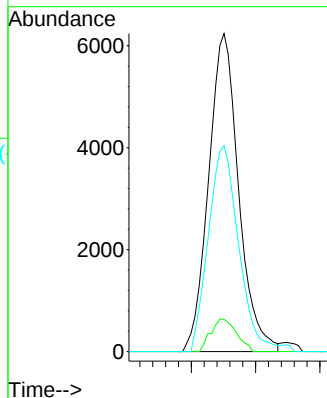
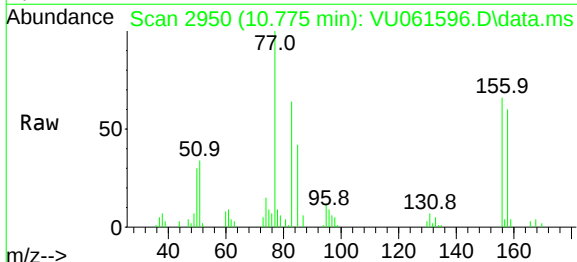
Manual Integrations
APPROVED

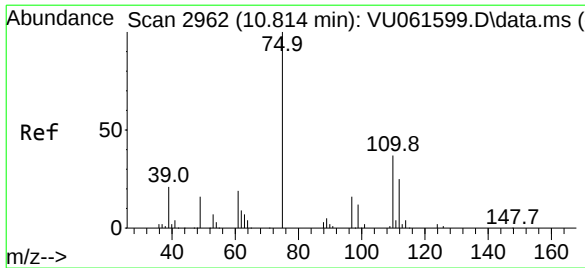
Reviewed By :Semsettin Yesilyurt 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#70
1,1,2,2-Tetrachloroethane
Concen: 0.875 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

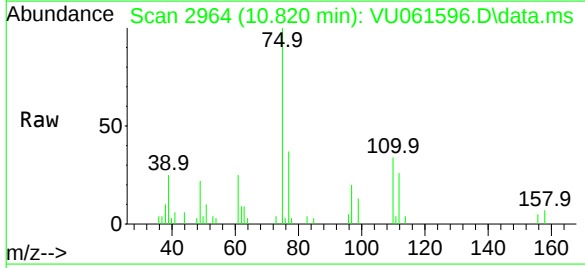
Tgt Ion: 83 Resp: 10123
Ion Ratio Lower Upper
83 100
131 8.7 7.9 11.9
85 65.6 51.4 77.2





#71
1,2,3-Trichloropropane
Concen: 0.928 ug/l m
RT: 10.820 min Scan# 2951
Delta R.T. 0.006 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

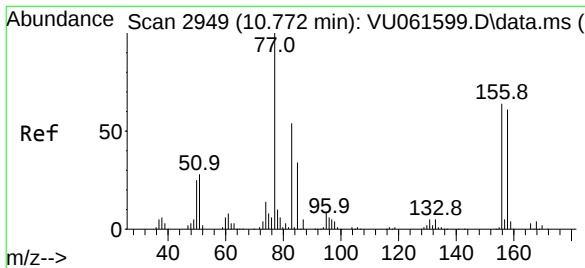
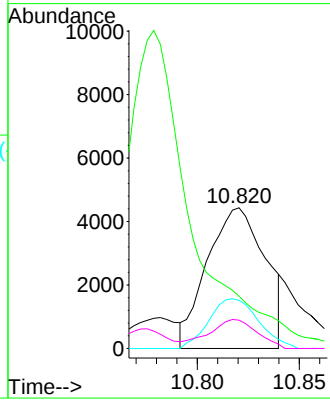
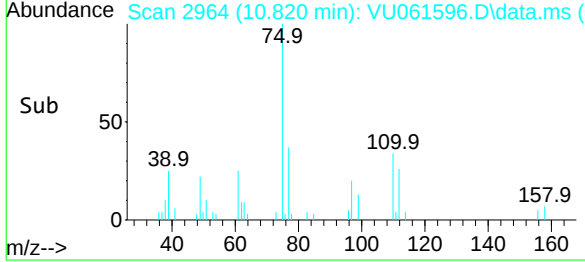
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



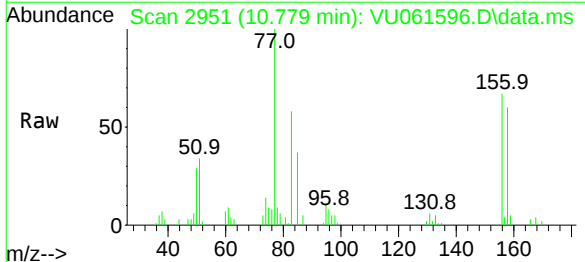
Tgt Ion:	75	Resp:	8750
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0
110	30.3	0.0	61.6
97	17.2	0.0	34.6

Manual Integrations
APPROVED

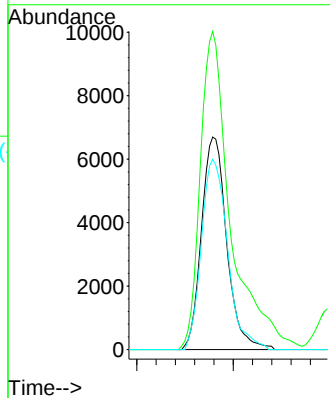
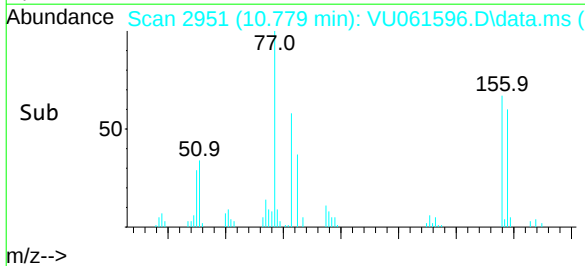
Reviewed By :Semsettin Yesilyurt 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024

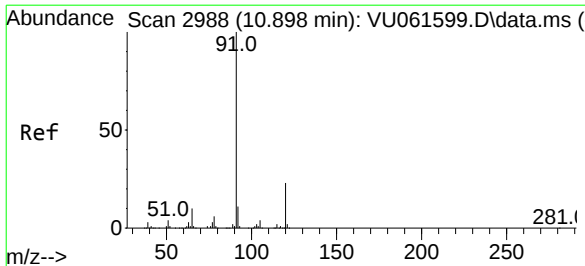


#72
Bromobenzene
Concen: 0.894 ug/l
RT: 10.779 min Scan# 2951
Delta R.T. 0.006 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32



Tgt Ion:	156	Resp:	12198
Ion Ratio	Lower	Upper	
156	100		
77	180.3	0.0	313.0
158	93.1	0.0	193.2





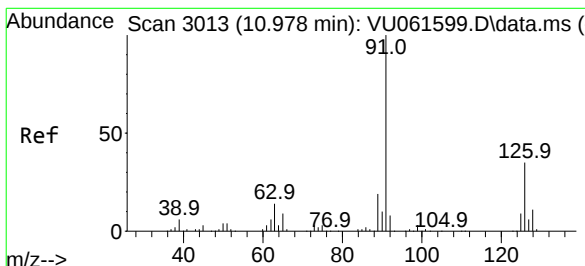
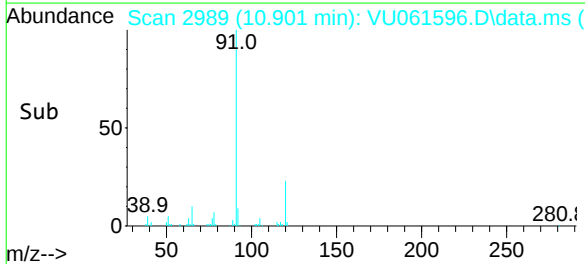
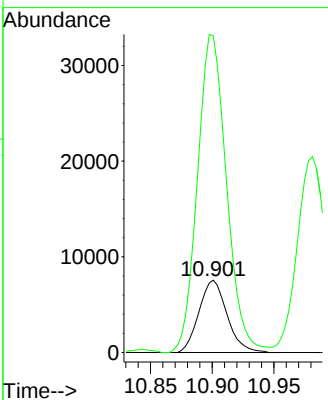
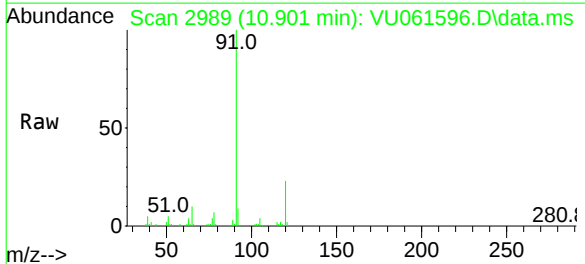
#73
n-propylbenzene
Concen: 0.785 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion:120 Resp: 11941
Ion Ratio Lower Upper
120 100
91 455.9 350.2 525.2

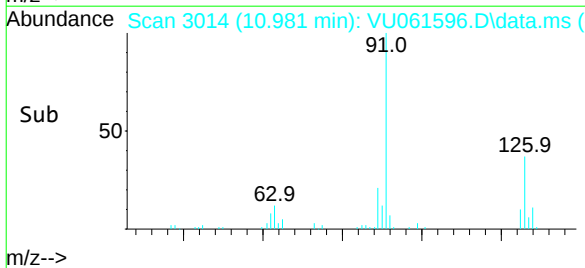
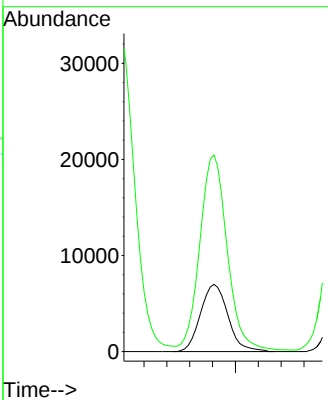
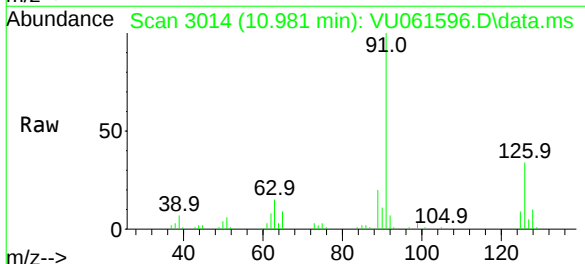
Manual Integrations
APPROVED

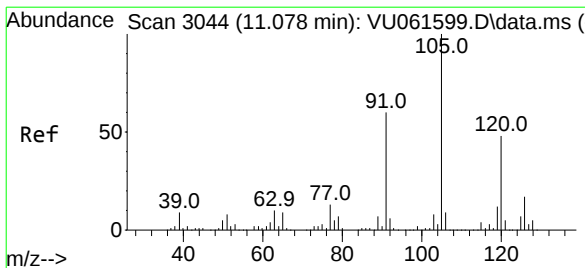
Reviewed By :Semsettin Yesilyurt 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#74
2-Chlorotoluene
Concen: 0.859 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

Tgt Ion:126 Resp: 11658
Ion Ratio Lower Upper
126 100
91 292.4 0.0 587.6





#75

1,3,5-Trimethylbenzene

Concen: 0.791 ug/l

RT: 11.081 min Scan# 3044

Delta R.T. 0.003 min

Lab File: VU061596.D

Acq: 12 Nov 2024 09:32

Tgt Ion:105 Resp: 36860

Ion Ratio Lower Upper

105 100

120 50.4 38.8 58.2

Instrument :

MSVOA_U

ClientSampleId :

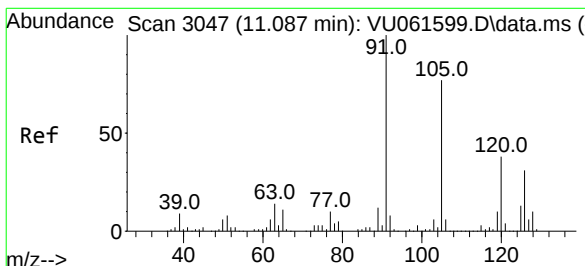
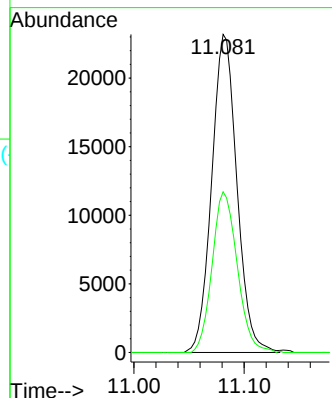
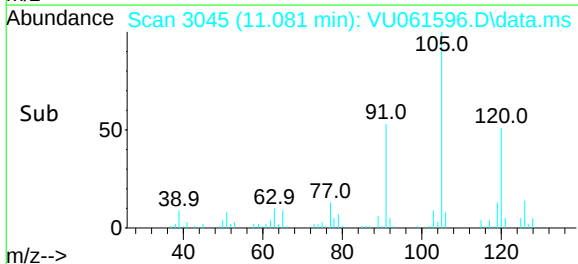
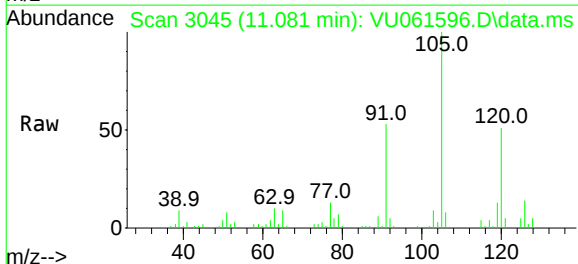
VSTDIC001

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/13/2024

Supervised By :Mahesh Dadoda 11/13/2024



#76

4-Chlorotoluene

Concen: 0.798 ug/l

RT: 11.094 min Scan# 3049

Delta R.T. 0.006 min

Lab File: VU061596.D

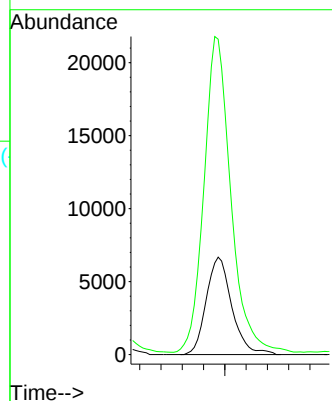
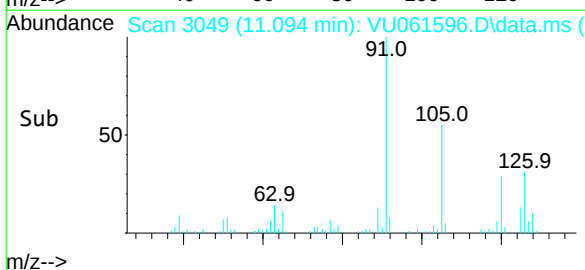
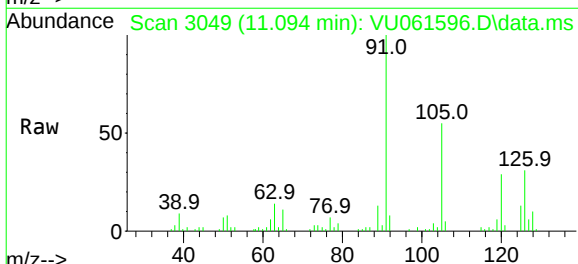
Acq: 12 Nov 2024 09:32

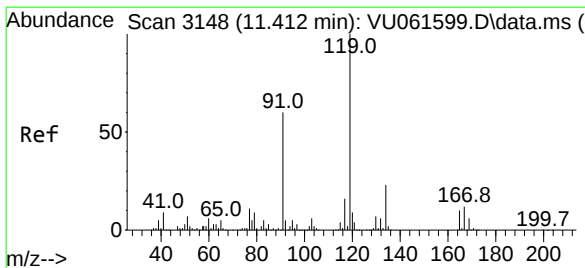
Tgt Ion:126 Resp: 11134

Ion Ratio Lower Upper

126 100

91 340.7 0.0 650.4





#77

tert-Butylbenzene

Concen: 0.812 ug/l

RT: 11.412 min Scan# 3148

Delta R.T. 0.000 min

Lab File: VU061596.D

Acq: 12 Nov 2024 09:32

Instrument :

MSVOA_U

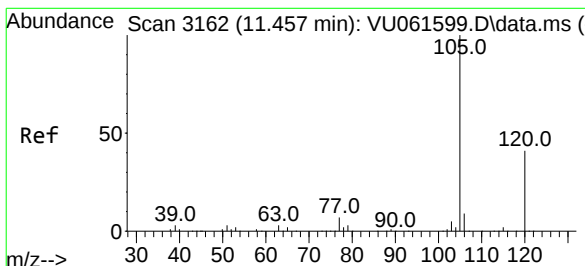
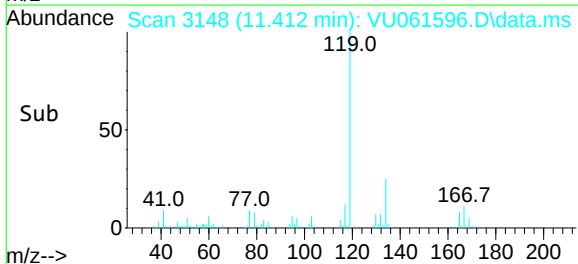
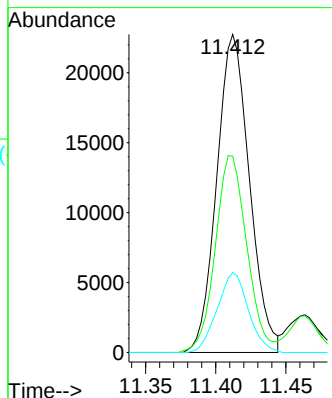
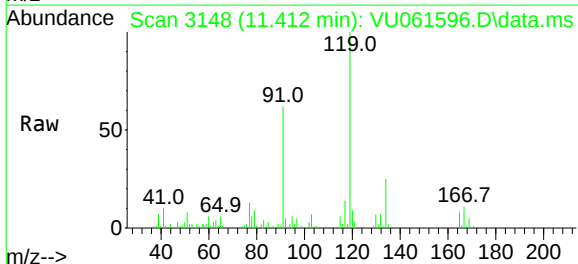
ClientSampleId :

VSTDIC001

Tgt Ion:	119	Resp:	36896
Ion Ratio	Lower	Upper	
119	100		
91	59.5	29.2	87.6
134	23.9	18.4	27.6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#78

1,2,4-Trimethylbenzene

Concen: 0.908 ug/l

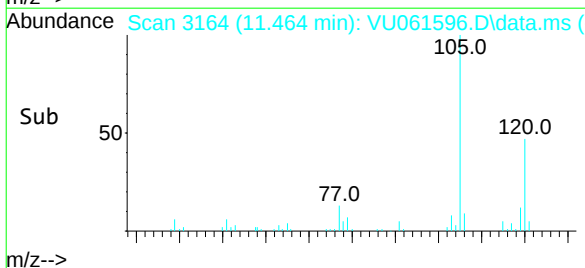
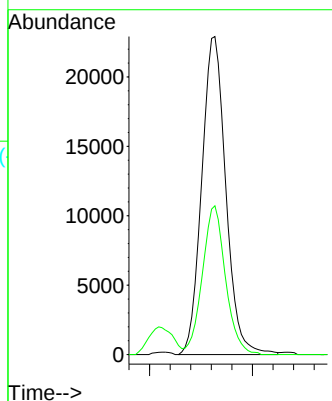
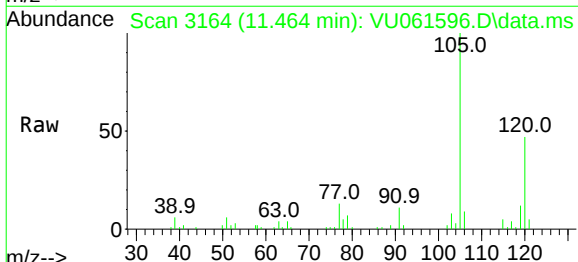
RT: 11.464 min Scan# 3164

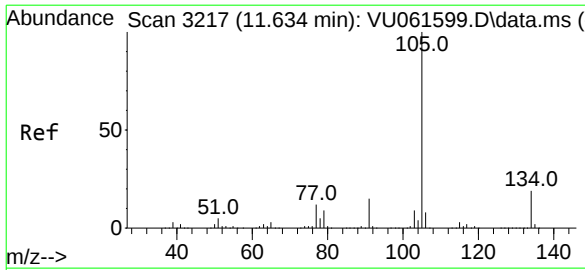
Delta R.T. 0.007 min

Lab File: VU061596.D

Acq: 12 Nov 2024 09:32

Tgt Ion:	105	Resp:	37299
Ion Ratio	Lower	Upper	
105	100		
120	45.1	22.7	68.0





#79

sec-Butylbenzene

Concen: 0.813 ug/l

RT: 11.637 min Scan# 3217

Delta R.T. 0.003 min

Lab File: VU061596.D

Acq: 12 Nov 2024 09:32

Instrument :

MSVOA_U

ClientSampleId :

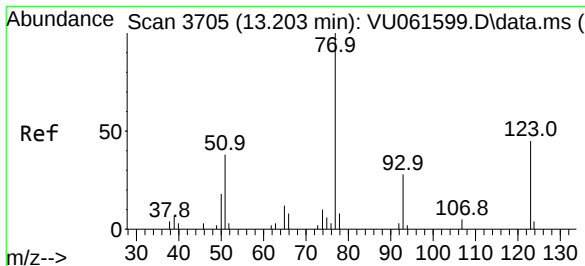
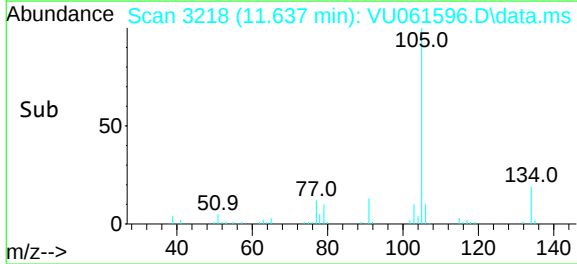
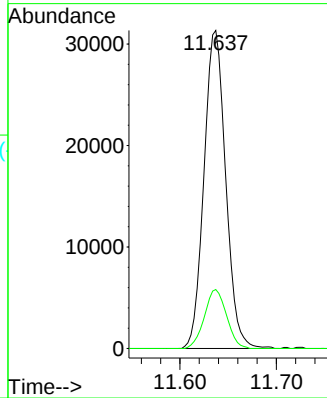
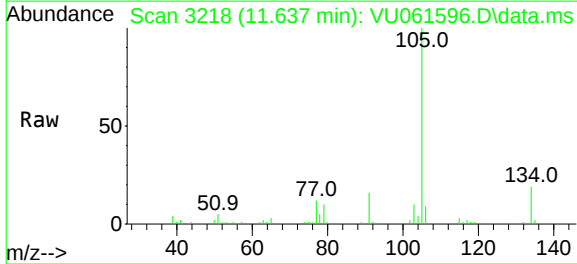
VSTDIC001

Tgt Ion: 105 Resp: 48996
 Ion Ratio Lower Upper
 105 100
 134 18.9 15.8 23.8

Manual Integrations

APPROVED

Reviewed By : Semsettin Yesilyurt 11/13/2024
 Supervised By : Mahesh Dadoda 11/13/2024



#80

Nitrobenzene

Concen: 6.108 ug/l m

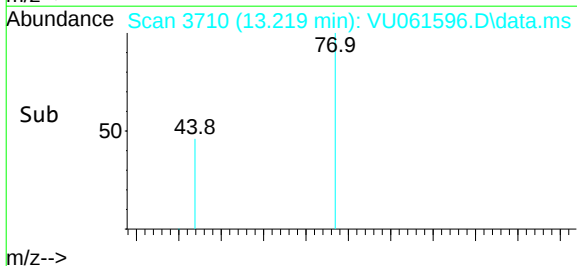
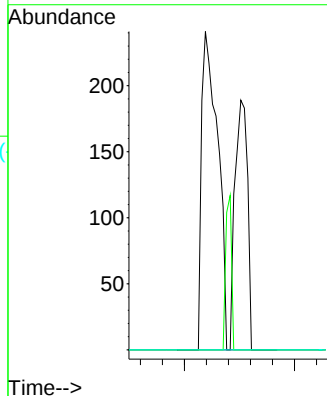
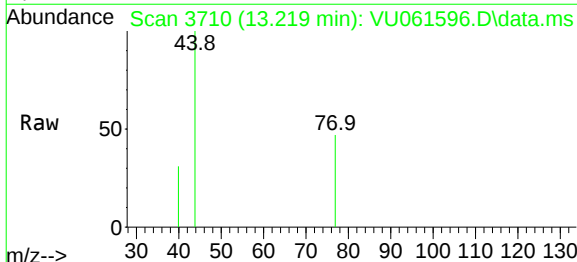
RT: 13.219 min Scan# 3710

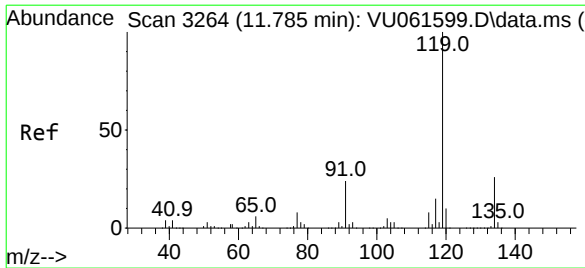
Delta R.T. 0.016 min

Lab File: VU061596.D

Acq: 12 Nov 2024 09:32

Tgt Ion: 77 Resp: 393
 Ion Ratio Lower Upper
 77 100
 123 0.0 16.9 60.1#
 65 0.0 9.4 12.0#





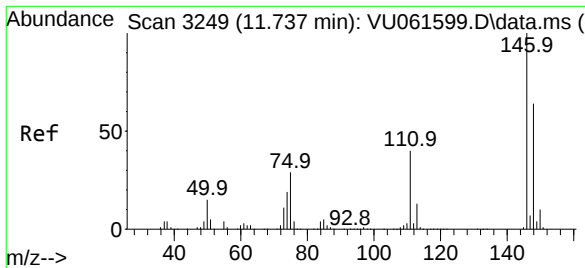
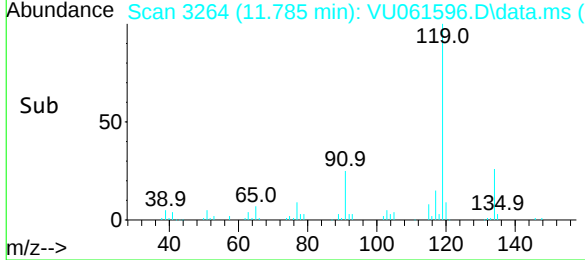
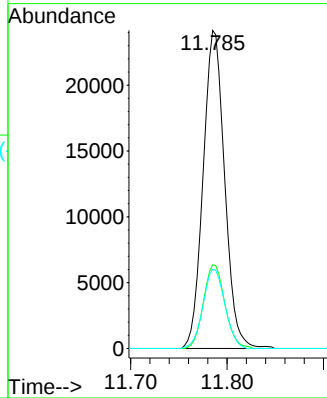
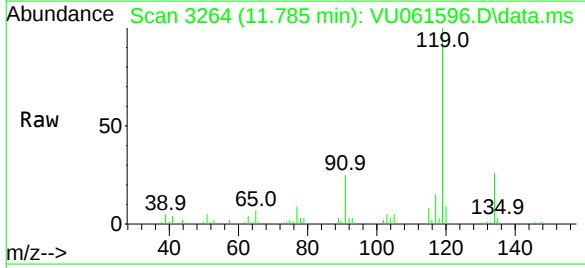
#81
p-Isopropyltoluene
Concen: 0.897 ug/l
RT: 11.785 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion:	119	Resp:	37419
Ion Ratio	Lower	Upper	
119	100		
134	26.2	20.9	31.3
91	25.3	18.8	28.2

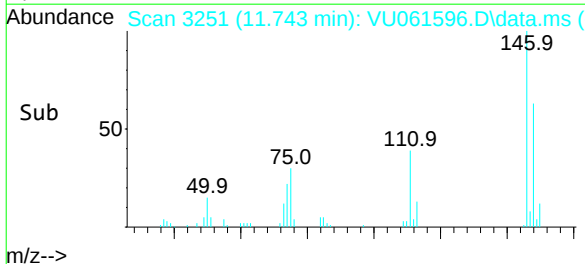
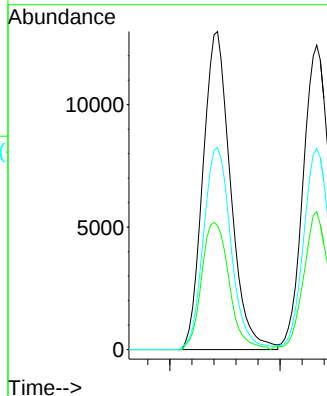
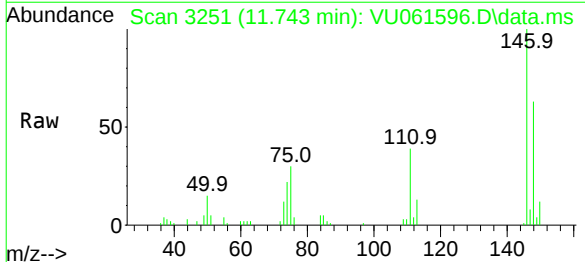
Manual Integrations
APPROVED

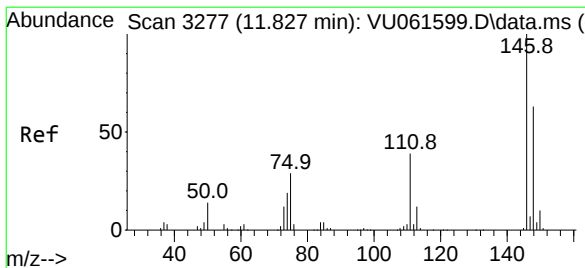
Reviewed By :Semsettin Yesilyurt 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#82
1,3-Dichlorobenzene
Concen: 0.856 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.006 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

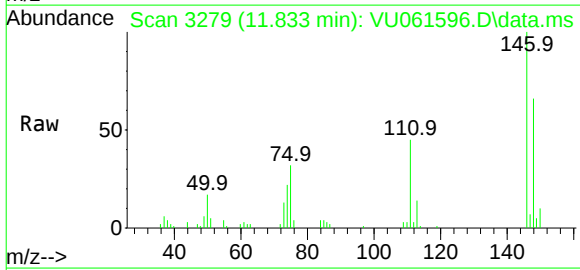
Tgt Ion:	146	Resp:	22590
Ion Ratio	Lower	Upper	
146	100		
111	39.8	32.6	49.0
148	63.2	51.0	76.4





#83
1,4-Dichlorobenzene
Concen: 0.840 ug/l
RT: 11.833 min Scan# 3277
Delta R.T. 0.007 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32

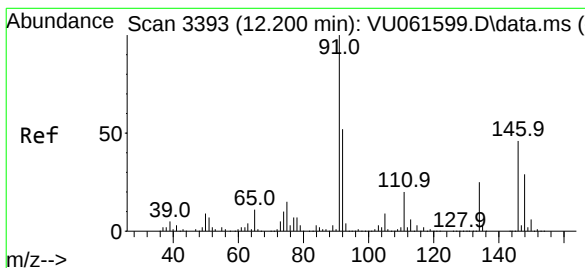
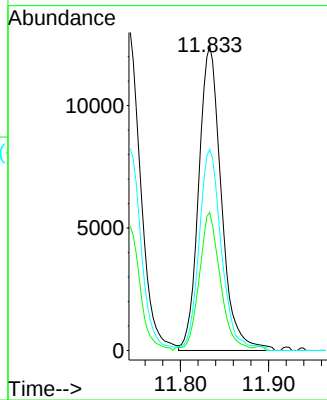
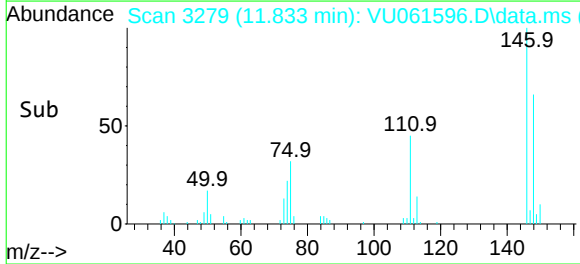
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



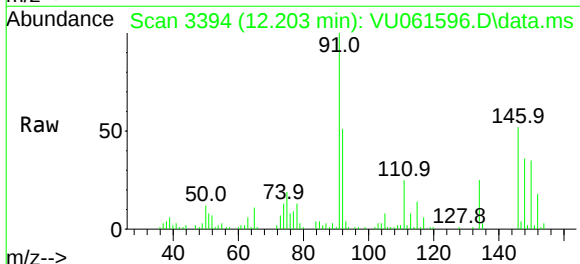
Tgt Ion: 146 Resp: 22185
Ion Ratio Lower Upper
146 100
111 42.3 31.2 46.8
148 65.6 50.2 75.2

Manual Integrations
APPROVED

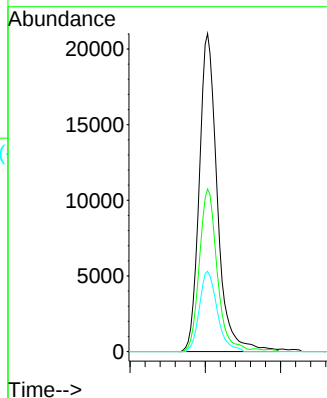
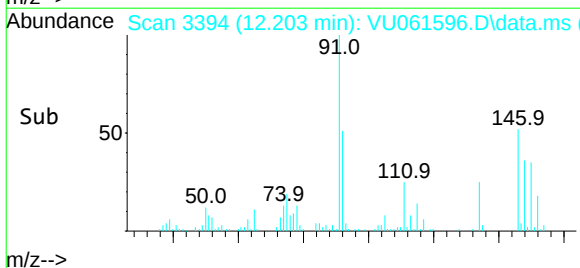
Reviewed By :Semsettin Yesilyurt 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024

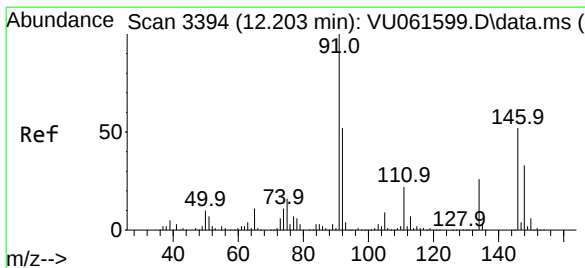


#84
n-Butylbenzene
Concen: 0.906 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU061596.D
Acq: 12 Nov 2024 09:32



Tgt Ion: 91 Resp: 35029
Ion Ratio Lower Upper
91 100
92 50.4 41.8 62.6
134 24.9 20.2 30.4





#85

1,2-Dichlorobenzene

Concen: 0.843 ug/l

RT: 12.209 min Scan# 3394

Delta R.T. 0.006 min

Lab File: VU061596.D

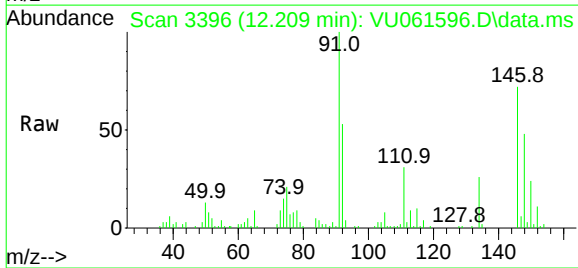
Acq: 12 Nov 2024 09:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001



Tgt Ion:146 Resp: 20984

Ion Ratio Lower Upper

146 100

111 44.4 21.3 63.9

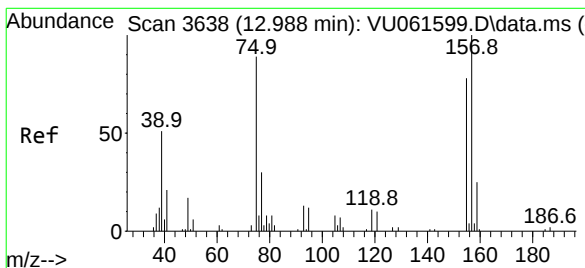
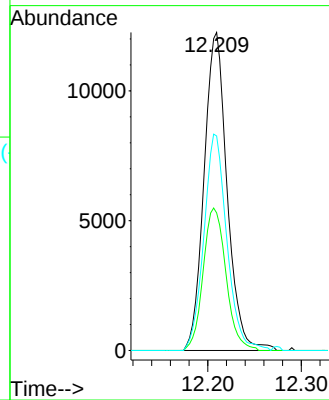
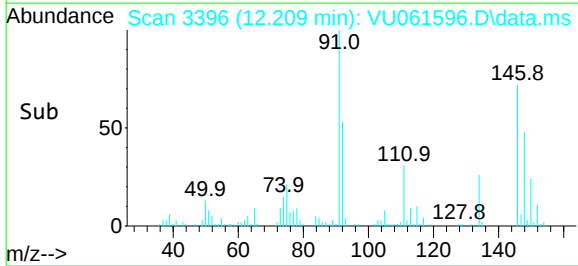
148 68.0 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/13/2024

Supervised By :Mahesh Dadoda 11/13/2024



#86

1,2-Dibromo-3-Chloropropane

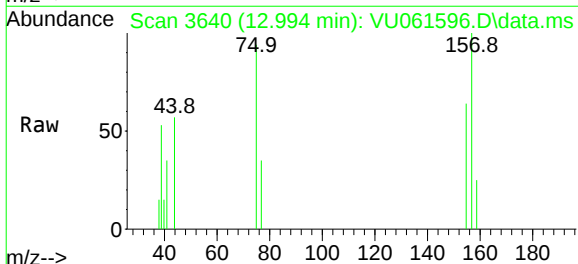
Concen: 0.984 ug/l

RT: 12.994 min Scan# 3640

Delta R.T. 0.006 min

Lab File: VU061596.D

Acq: 12 Nov 2024 09:32



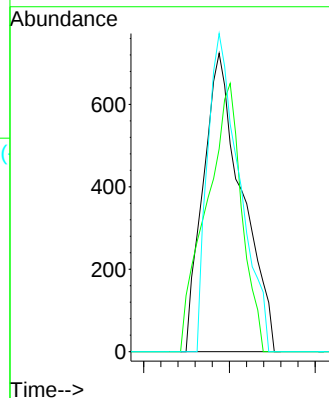
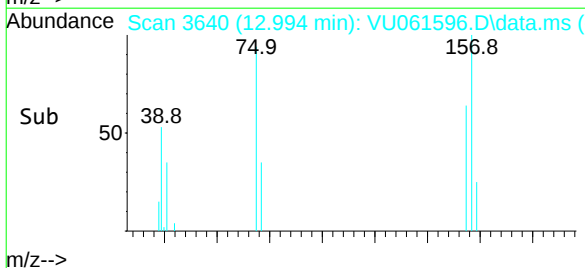
Tgt Ion: 75 Resp: 1133

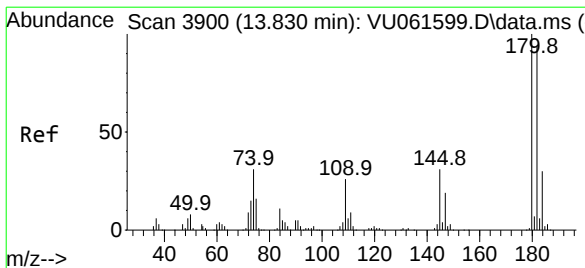
Ion Ratio Lower Upper

75 100

155 82.3 68.8 103.2

157 88.5 88.2 132.4





#87

1,2,4-Trichlorobenzene

Concen: 1.020 ug/l

RT: 13.836 min Scan# 39

Delta R.T. 0.006 min

Lab File: VU061596.D

Acq: 12 Nov 2024 09:32

Instrument :

MSVOA_U

ClientSampleId :

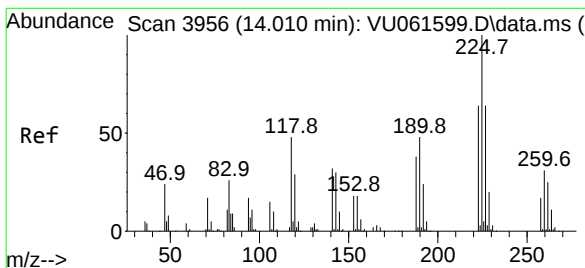
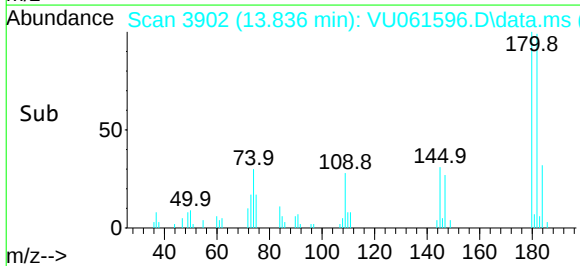
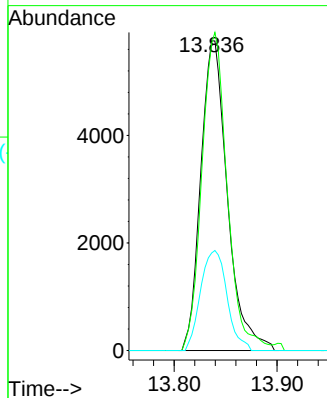
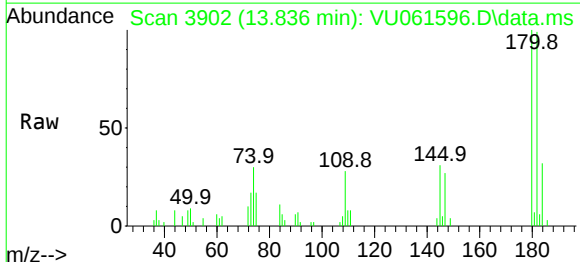
VSTDICC001

Tgt Ion:	180	Resp:	10383
Ion Ratio	Lower	Upper	
180	100		
182	97.9	75.3	112.9
145	32.0	24.3	36.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#88

Hexachlorobutadiene

Concen: 0.852 ug/l

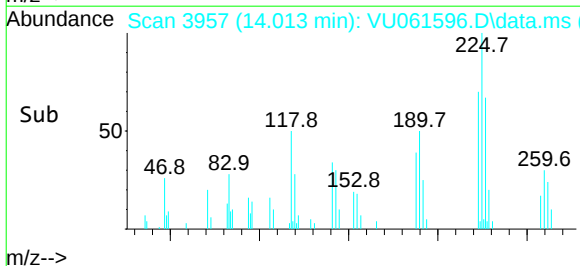
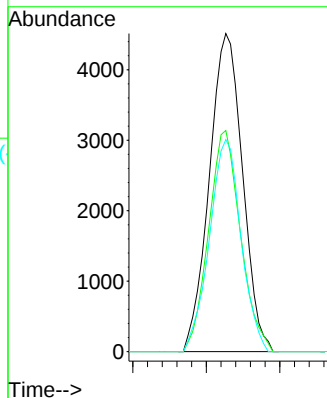
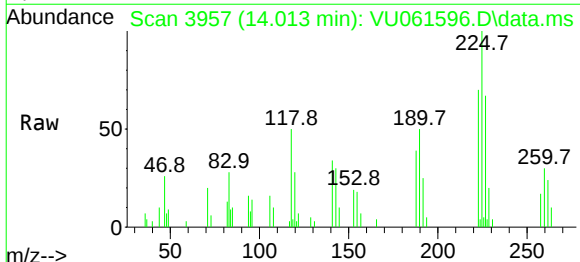
RT: 14.013 min Scan# 3957

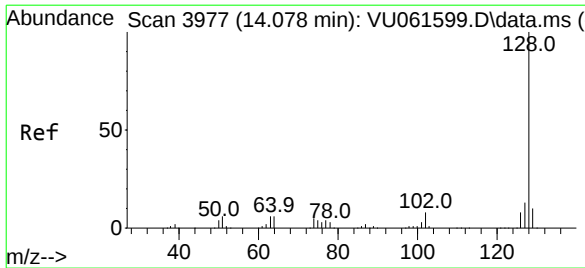
Delta R.T. 0.003 min

Lab File: VU061596.D

Acq: 12 Nov 2024 09:32

Tgt Ion:	225	Resp:	7082
Ion Ratio	Lower	Upper	
225	100		
223	66.8	50.8	76.2
227	63.4	51.2	76.8





#89

Naphthalene

Concen: 1.089 ug/l

RT: 14.090 min Scan# 39

Delta R.T. 0.013 min

Lab File: VU061596.D

Acq: 12 Nov 2024 09:32

Instrument :

MSVOA_U

ClientSampleId :

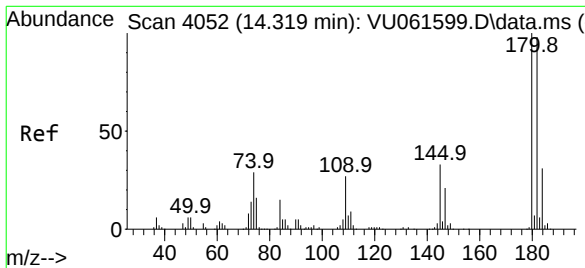
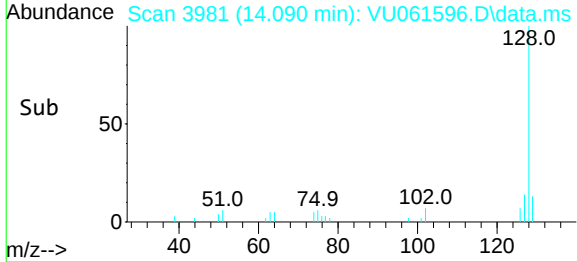
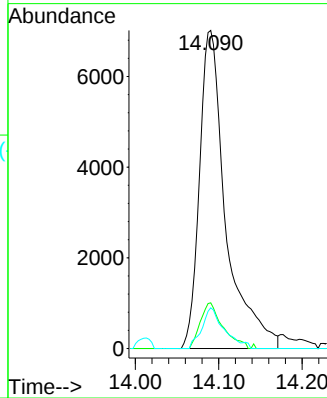
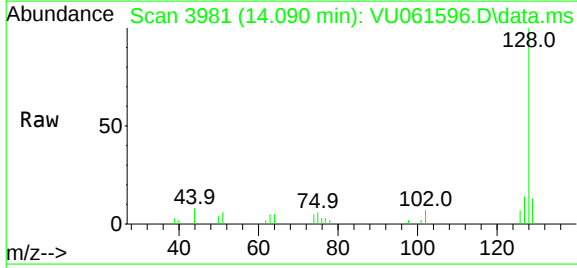
VSTDICC001

Tgt Ion:	128	Resp:	15413
Ion Ratio	Lower	Upper	
128	100		
127	12.3	10.3	15.5
129	10.8	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#90

1,2,3-Trichlorobenzene

Concen: 1.060 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. 0.006 min

Lab File: VU061596.D

Acq: 12 Nov 2024 09:32

Tgt Ion:	180	Resp:	9970
Ion Ratio	Lower	Upper	
180	100		
182	96.7	77.9	116.9
145	28.8	25.9	38.9

