

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101724\
 Data File : VU061145.D
 Acq On : 17 Oct 2024 13:31
 Operator : MD/SY
 Sample : VSTDIC015
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/21/2024
 Supervised By : Mahesh Dadoda 10/21/2024

Quant Time: Oct 18 02:36:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101724DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 18 02:32:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.107	96	32306	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	17786	1.036	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	17515	1.036	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	281714	15.833	ug/l	99
3) Chloromethane	1.518	50	255906	15.118	ug/l	99
4) Vinyl Chloride	1.602	62	267234	15.371	ug/l	100
5) Bromomethane	1.856	94	126868	11.613	ug/l	96
6) Chloroethane	1.930	64	180588	15.500	ug/l	99
7) Trichlorofluoromethane	2.126	101	457738	18.508	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.563	101	194614	15.827	ug/l	97
9) 1,1-Dichloroethene	2.560	96	201953	15.755	ug/l	98
10) Iodomethane	2.705	142	290693	15.527	ug/l	100
11) Allyl Chloride	2.907	41	257571	15.600	ug/l	100
12) Acrylonitrile	3.322	53	81413	31.568	ug/l	97
13) Acetone	2.653	43	276654	82.281	ug/l	100
14) Carbon Disulfide	2.775	76	684364	15.496	ug/l	100
15) Methylene Chloride	3.029	84	238885	14.401	ug/l	98
16) trans-1,2-Dichloroethene	3.335	96	234680	15.612	ug/l	100
17) 1,1-Dichloroethane	3.853	63	414401	15.548	ug/l	99
18) 2-Butanone	4.714	43	336395	84.062	ug/l	100
19) Cyclohexane	5.373	56	371605m	15.565	ug/l	
20) Methylcyclohexane	6.750	83	425245	15.975	ug/l	99
21) 2,2-Dichloropropane	4.647	77	379129	15.420	ug/l	100
22) cis-1,2-Dichloroethene	4.650	96	255744	15.617	ug/l	100
23) Diethyl Ether	2.364	59	157567	15.820	ug/l	99
24) tert-Butyl Alcohol	3.470	59	172190m	166.051	ug/l	
25) Methyl tert-Butyl Ether	3.354	73	533281	15.530	ug/l	98
26) Bromochloromethane	4.962	128	104600	15.274	ug/l	98
27) Chloroform	5.074	83	437494	15.653	ug/l	100
28) 1,1,1-Trichloroethane	5.303	97	390277	15.838	ug/l	99
29) 1,1-Dichloropropene	5.512	75	339198	15.571	ug/l	100
30) Carbon Tetrachloride	5.512	117	340855	15.942	ug/l	100
31) Isopropyl Ether	3.981	45	603287	15.865	ug/l	98
32) Ethyl-t-butyl ether	4.489	59	623430	15.946	ug/l	98
33) Tert-Amyl methyl ether	5.930	73	583463	16.580	ug/l	99
34) Propionitrile	4.801	54	79792	80.588	ug/l #	95
35) Benzene	5.759	78	967493	15.777	ug/l	99
36) 1,2-Dichloroethane	5.782	62	270081	15.599	ug/l	100
37) Trichloroethene	6.531	130	253596	15.493	ug/l	100
38) 1,2-Dichloropropane	6.779	63	241814	15.569	ug/l	99
39) Methacrylonitrile	4.968	41	59867	16.923	ug/l	97
40) Methyl acrylate	4.840	55	117553	16.538	ug/l	100
41) Tetrahydrofuran	5.058	42	61210	29.120	ug/l	98
42) 1-Chlorobutane	5.444	56	438288	15.686	ug/l	99
43) Dibromomethane	6.907	93	125018	15.523	ug/l	99
44) Bromodichloromethane	7.094	83	310107	15.834	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.785	43	644431	79.711	ug/l	99
46) t-1,4-Dichloro-2-butene	10.833	75	109057m	32.602	ug/l	
47) Methyl methacrylate	6.952	69	227731	32.536	ug/l	99
48) Ethyl methacrylate	8.328	69	249120	16.692	ug/l	100
49) Toluene	7.959	92	619250	15.985	ug/l	100
50) t-1,3-Dichloropropene	8.200	75	311626	16.504	ug/l	98
51) cis-1,3-Dichloropropene	7.595	75	373997	16.143	ug/l	98
52) 1,1,2-Trichloroethane	8.389	97	170874	15.732	ug/l	99
53) 1,3-Dichloropropane	8.566	76	298953	15.670	ug/l	99
54) 2-Hexanone	8.698	43	543549	81.842	ug/l	99
55) Dibromochloromethane	8.801	129	215351	16.795	ug/l	99
56) 1,2-Dibromoethane	8.913	107	165305	15.862	ug/l	98
58) Tetrachloroethene	8.544	164	217785	15.692	ug/l	99
59) Chlorobenzene	9.438	112	667603	15.998	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.524	131	230515	16.373	ug/l	99
61) Pentachloroethane	11.421	117	189795	17.616	ug/l	100
62) Hexachloroethane	12.466	117	202199	18.215	ug/l	98
63) Ethyl Benzene	9.560	91	1200948	16.064	ug/l	100
64) m/p-Xylenes	9.685	106	926949	32.578	ug/l	99
65) o-Xylene	10.090	106	455509	16.254	ug/l	100
66) Styrene	10.106	104	751453	17.240	ug/l	98
67) Bromoform	10.286	173	117398	17.484	ug/l	99
69) Isopropylbenzene	10.476	105	1092421	16.386	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.778	83	213749	16.202	ug/l	99
71) 1,2,3-Trichloropropane	10.830	75	164903m	15.218	ug/l	
72) Bromobenzene	10.775	156	259626	16.196	ug/l	99
73) n-propylbenzene	10.897	120	329211	16.922	ug/l	98
74) 2-Chlorotoluene	10.978	126	281675	16.740	ug/l	100
75) 1,3,5-Trimethylbenzene	11.081	105	1015024	16.886	ug/l	100
76) 4-Chlorotoluene	11.090	126	287921	16.836	ug/l	99
77) tert-Butylbenzene	11.412	119	1002860	16.879	ug/l	100
78) 1,2,4-Trimethylbenzene	11.460	105	1019272	16.796	ug/l	99
79) sec-Butylbenzene	11.637	105	1313715	16.978	ug/l	100
80) Nitrobenzene	13.203	77	29541	75.851	ug/l #	90
81) p-Isopropyltoluene	11.785	119	1091714	17.042	ug/l	100
82) 1,3-Dichlorobenzene	11.740	146	516111	16.781	ug/l	100
83) 1,4-Dichlorobenzene	11.830	146	514986	16.793	ug/l	98
84) n-Butylbenzene	12.200	91	1034745	17.410	ug/l	100
85) 1,2-Dichlorobenzene	12.206	146	478777	16.650	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.987	75	33508	17.117	ug/l	96
87) 1,2,4-Trichlorobenzene	13.830	180	290374	17.657	ug/l	99
88) Hexachlorobutadiene	14.013	225	156186	16.797	ug/l	99
89) Naphthalene	14.077	128	525403	18.105	ug/l	99
90) 1,2,3-Trichlorobenzene	14.322	180	256960	17.392	ug/l	100

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

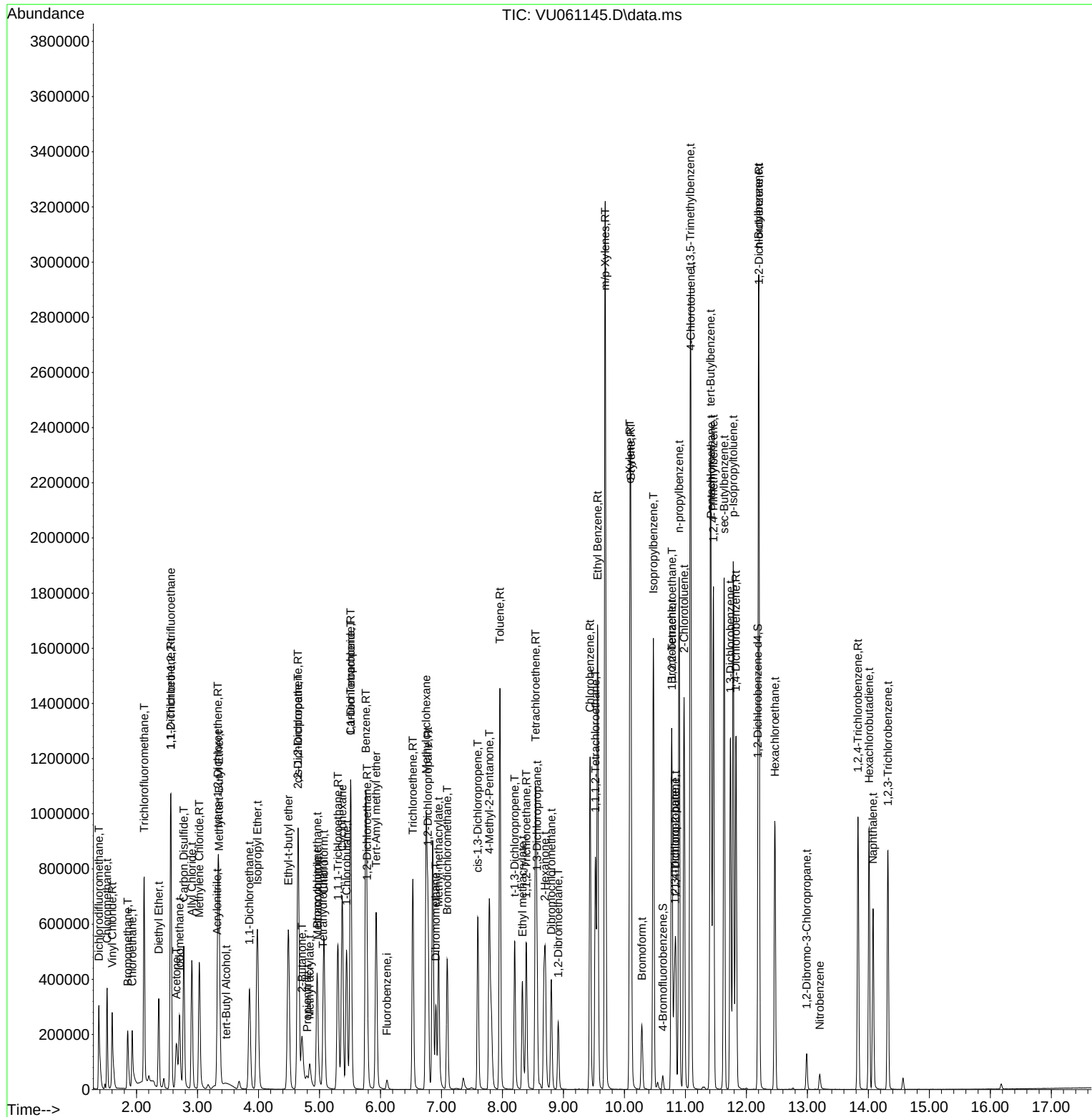
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Data File : VU061145.D
Acq On : 17 Oct 2024 13:31
Operator : MD/SY
Sample : VSTDIC015
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ALS Vial : 8 Sample Multiplier: 1

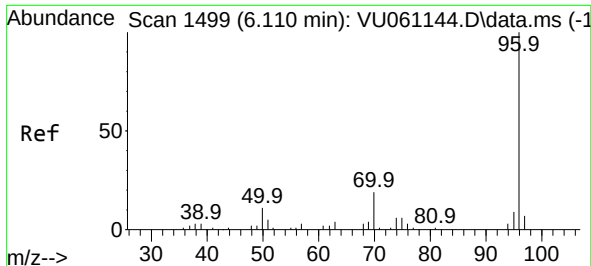
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Oct 18 02:32:42 2024
Response via : Initial Calibration





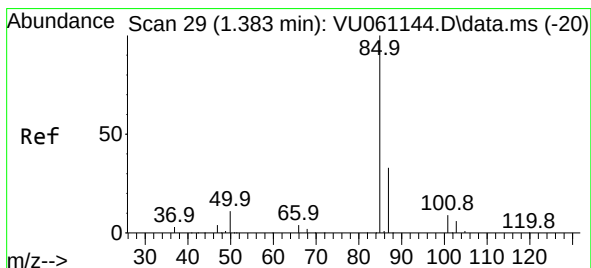
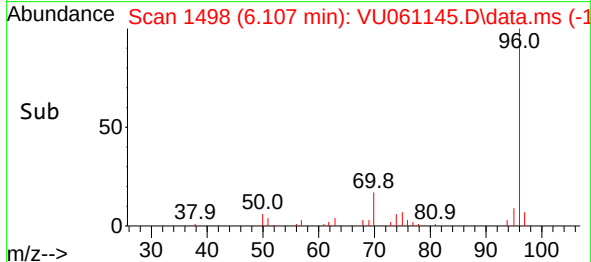
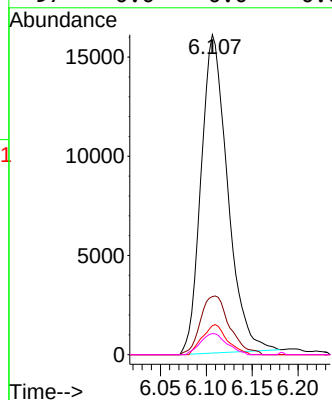
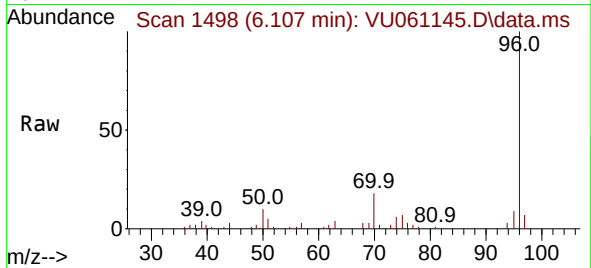
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 1499
Delta R.T. -0.003 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 96	Resp: 32300
Ion Ratio	Lower Upper
96 100	
70 20.1	16.1 24.1
95 0.0	0.0 0.0
97 0.0	0.0 0.0

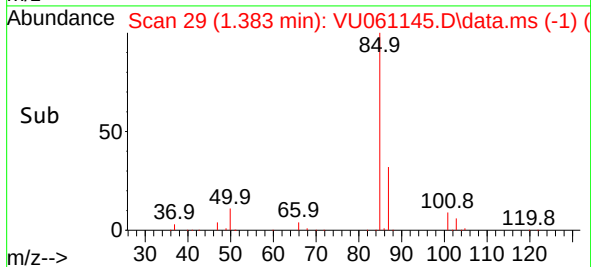
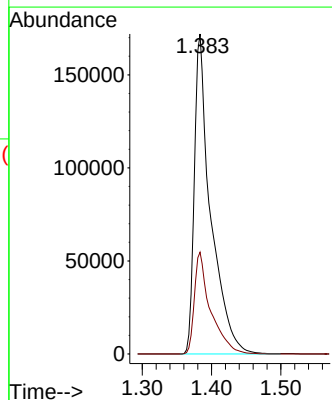
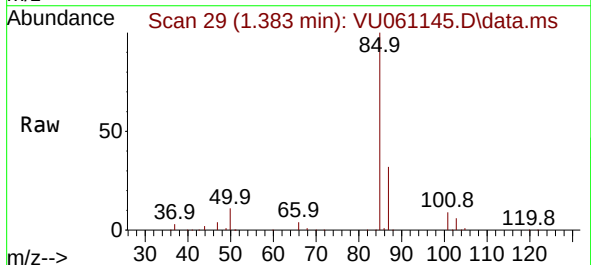
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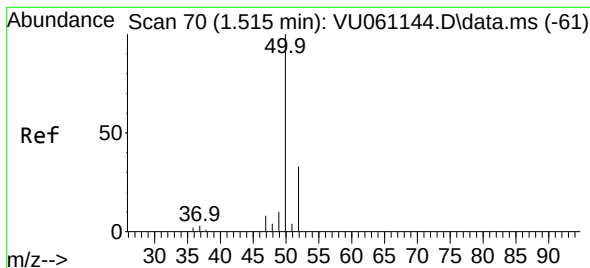
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#2
Dichlorodifluoromethane
Concen: 15.833 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

Tgt Ion: 85	Resp: 281714
Ion Ratio	Lower Upper
85 100	
87 31.8	16.3 48.9





#3

Chloromethane

Concen: 15.118 ug/l

RT: 1.518 min Scan# 70

Delta R.T. 0.003 min

Lab File: VU061145.D

Acq: 17 Oct 2024 13:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 50 Resp: 255900

Ion Ratio Lower Upper

50 100

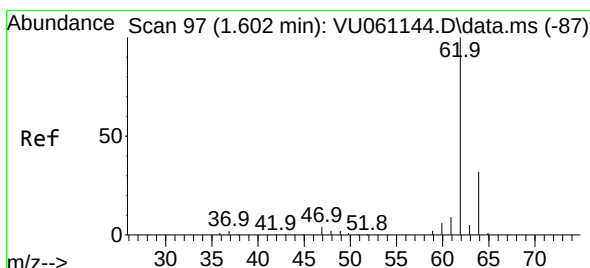
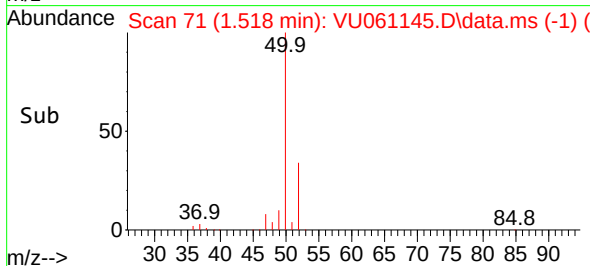
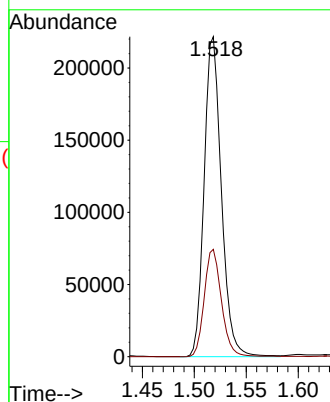
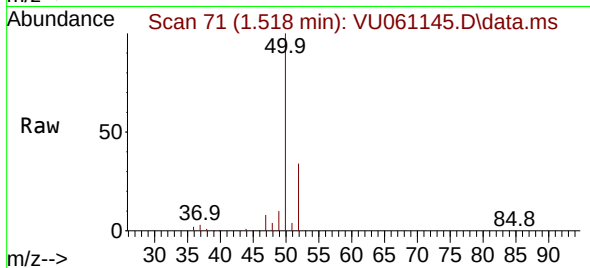
52 33.5 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024

Supervised By :Mahesh Dadoda 10/21/2024



#4

Vinyl Chloride

Concen: 15.371 ug/l

RT: 1.602 min Scan# 97

Delta R.T. -0.000 min

Lab File: VU061145.D

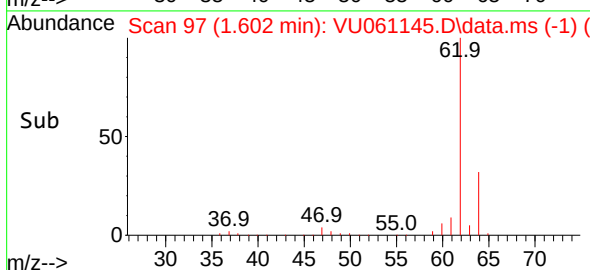
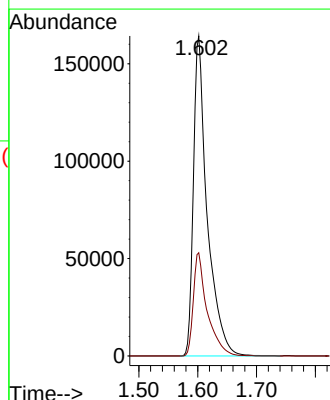
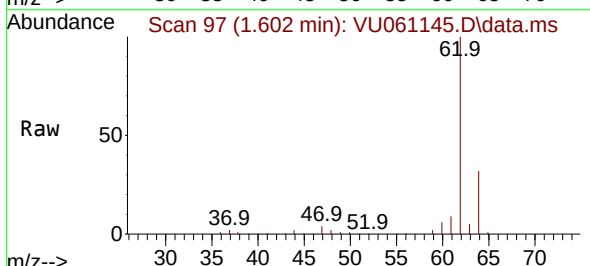
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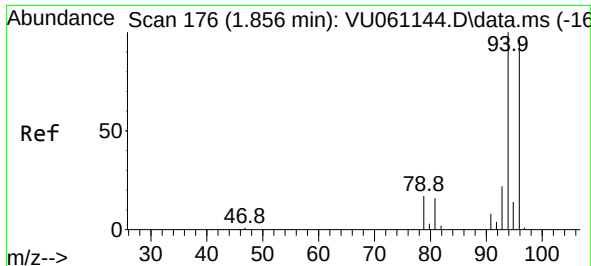
Tgt Ion: 62 Resp: 267234

Ion Ratio Lower Upper

62 100

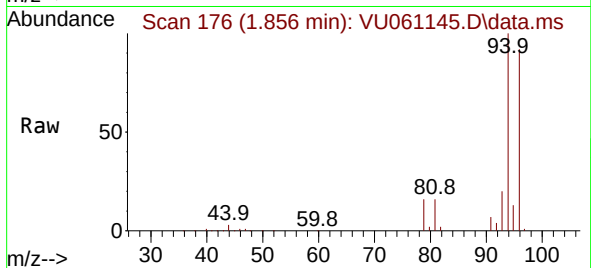
64 32.2 25.9 38.9





#5
Bromomethane
Concen: 11.613 ug/l
RT: 1.856 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

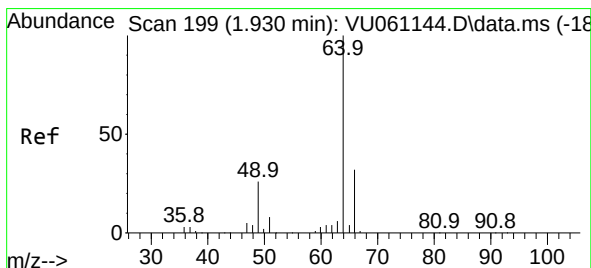
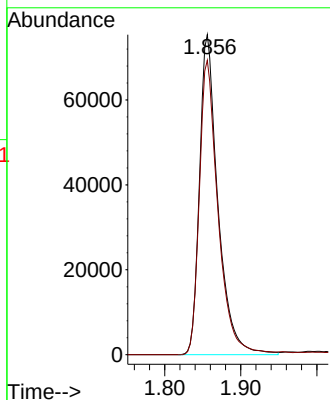
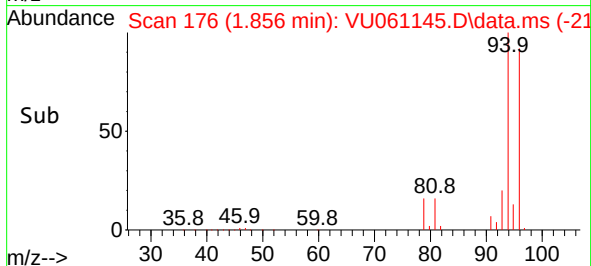
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 94 Resp: 126868
Ion Ratio Lower Upper
94 100
96 92.0 76.5 114.7

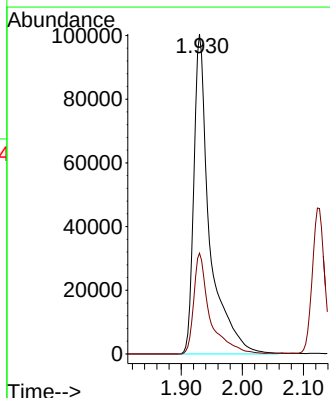
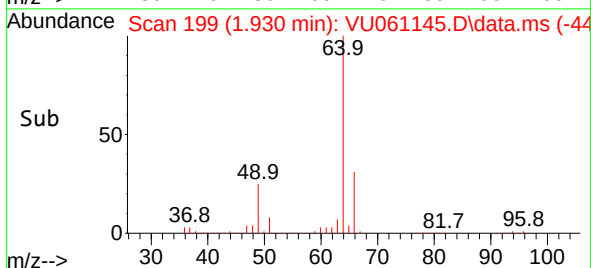
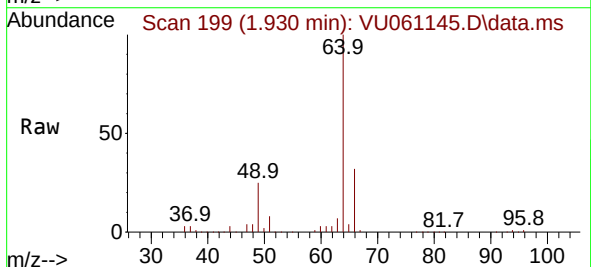
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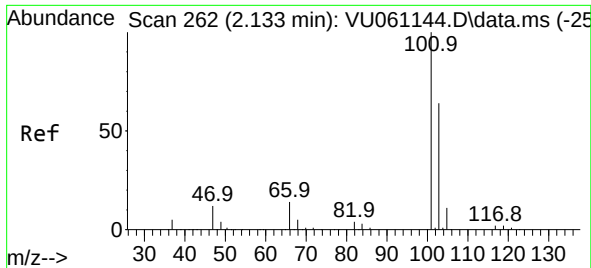
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#6
Chloroethane
Concen: 15.500 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

Tgt Ion: 64 Resp: 180588
Ion Ratio Lower Upper
64 100
66 31.5 25.8 38.8





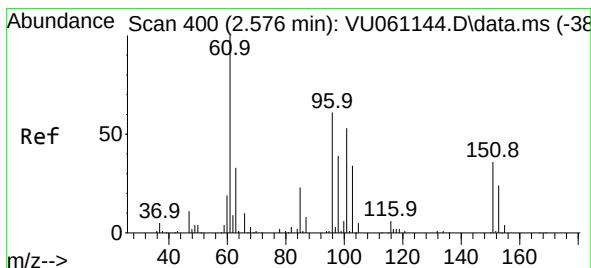
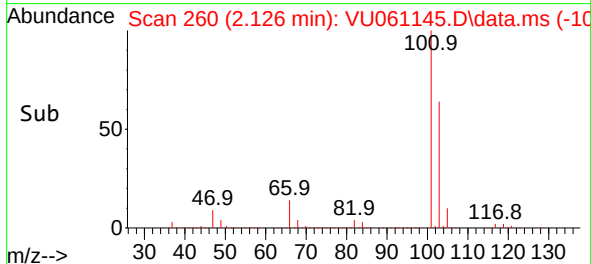
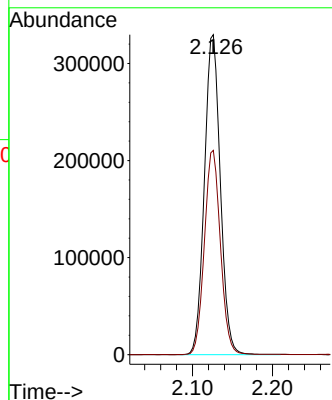
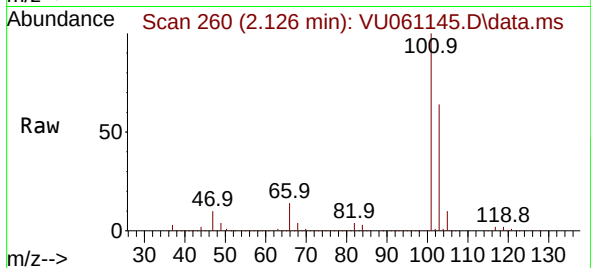
#7
Trichlorofluoromethane
Concen: 18.508 ug/l
RT: 2.126 min Scan# 201
Delta R.T. -0.007 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:101 Resp: 457738
Ion Ratio Lower Upper
101 100
103 63.8 51.5 77.3

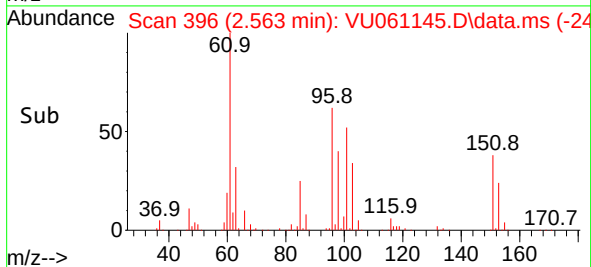
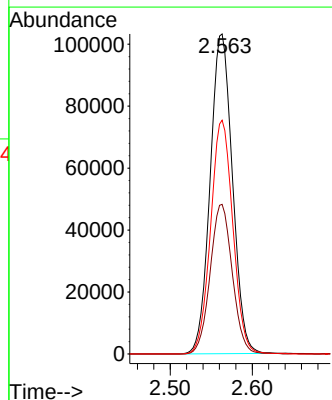
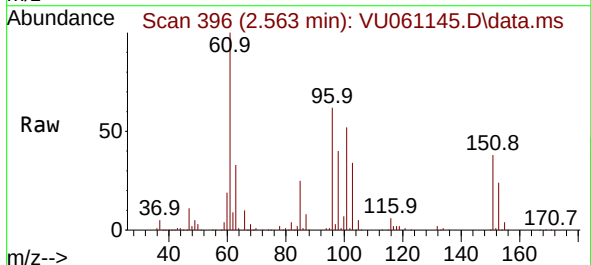
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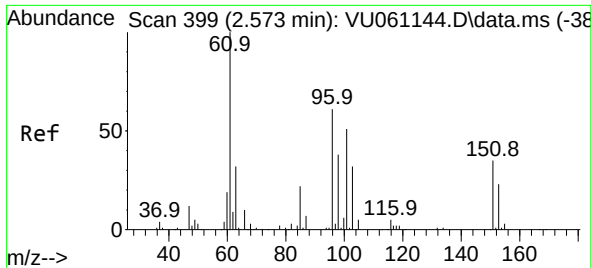
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 15.827 ug/l
RT: 2.563 min Scan# 396
Delta R.T. -0.013 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

Tgt Ion:101 Resp: 194614
Ion Ratio Lower Upper
101 100
85 46.5 35.8 53.8
151 73.1 56.2 84.4





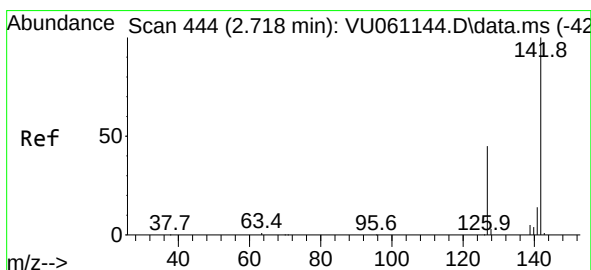
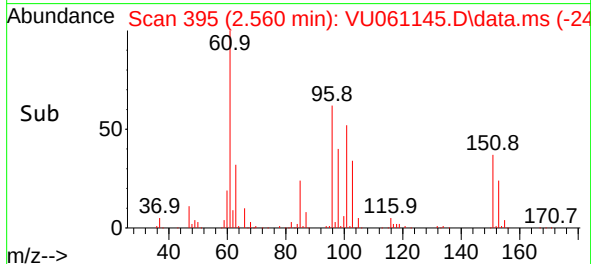
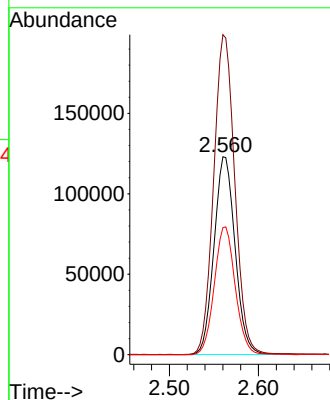
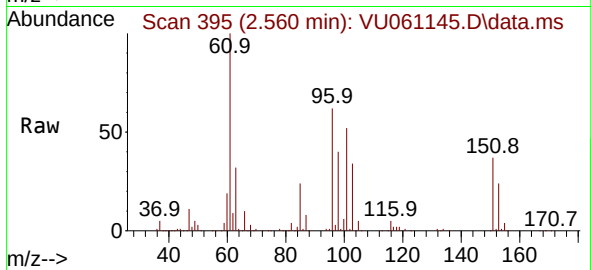
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1,1-Dichloroethene
Concen: 15.755 ug/l
RT: 2.560 min Scan# 399
Delta R.T. -0.013 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 96 Resp: 20195
Ion Ratio Lower Upper
96 100
61 161.9 0.0 494.4
98 64.2 0.0 124.4

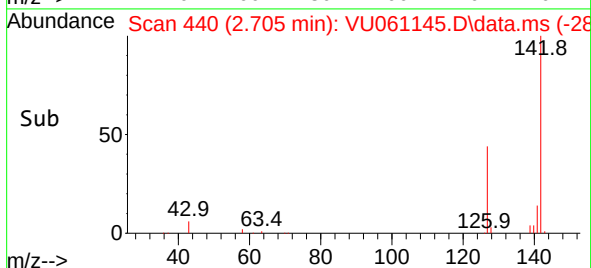
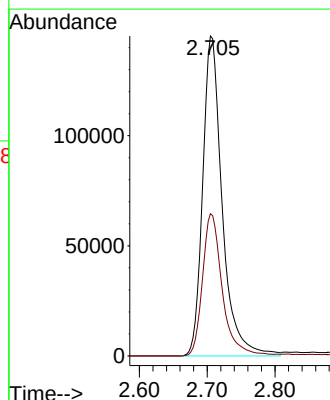
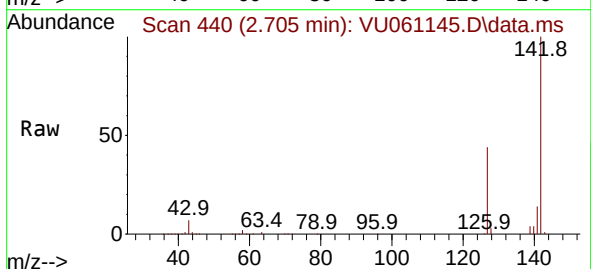
Manual Integrations
APPROVED

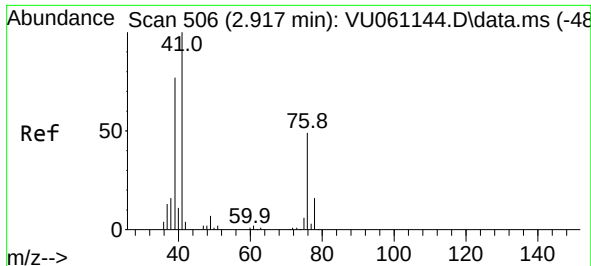
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#10
Iodomethane
Concen: 15.527 ug/l
RT: 2.705 min Scan# 440
Delta R.T. -0.013 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

Tgt Ion:142 Resp: 290693
Ion Ratio Lower Upper
142 100
127 45.0 36.2 54.4





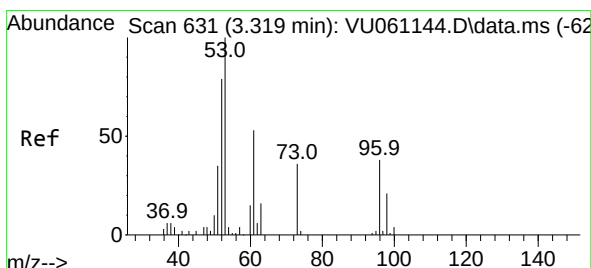
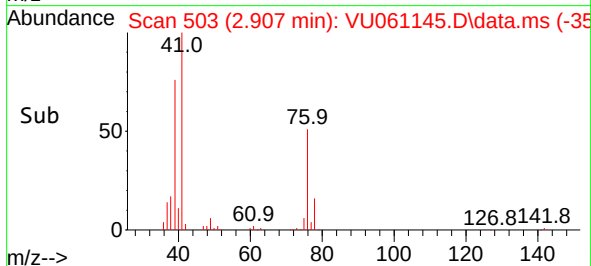
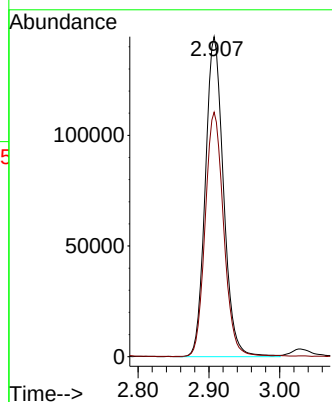
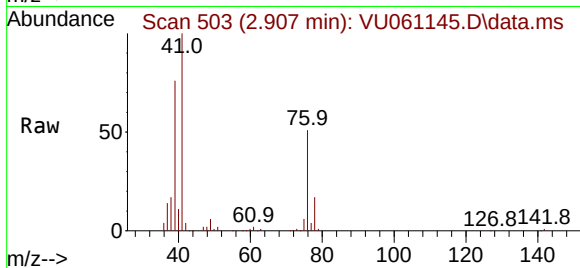
#11
 Allyl Chloride
 Concen: 15.600 ug/l
 RT: 2.907 min Scan# 506
 Delta R.T. -0.010 min
 Lab File: VU061145.D
 Acq: 17 Oct 2024 13:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Tgt Ion: 41 Resp: 25757
 Ion Ratio Lower Upper
 41 100
 39 77.8 62.4 93.6

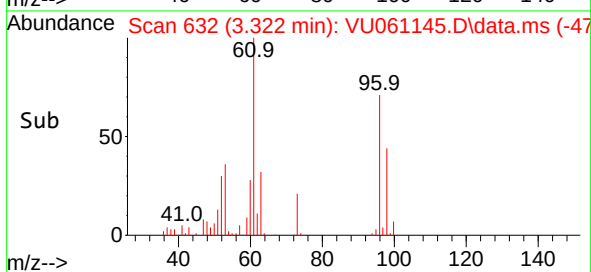
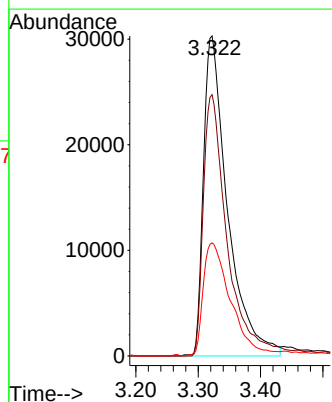
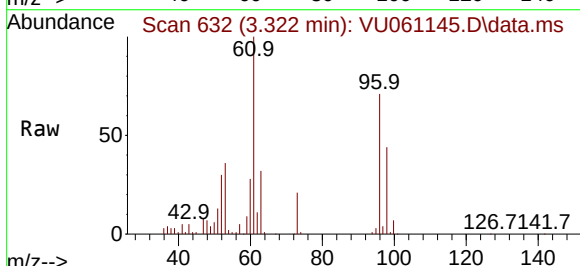
Manual Integrations
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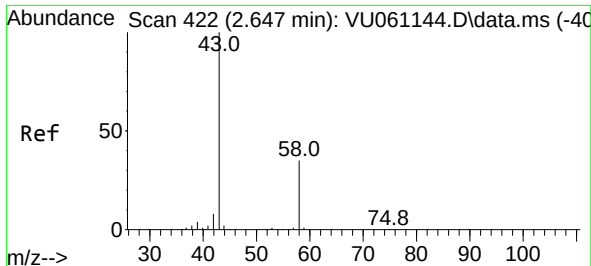
Reviewed By :Semsettin Yesilyurt 10/21/2024
 Supervised By :Mahesh Dadoda 10/21/2024



#12
 Acrylonitrile
 Concen: 31.568 ug/l
 RT: 3.322 min Scan# 632
 Delta R.T. 0.003 min
 Lab File: VU061145.D
 Acq: 17 Oct 2024 13:31

Tgt Ion: 53 Resp: 81413
 Ion Ratio Lower Upper
 53 100
 52 80.7 62.6 94.0
 51 40.1 30.7 46.1





#13

Acetone

Concen: 82.281 ug/l

RT: 2.653 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU061145.D

Acq: 17 Oct 2024 13:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 43 Resp: 276654

Ion Ratio Lower Upper

43 100

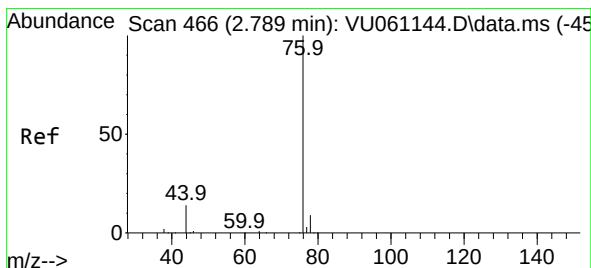
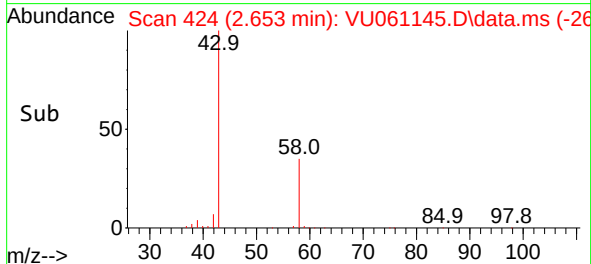
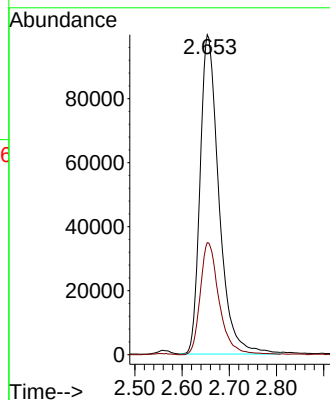
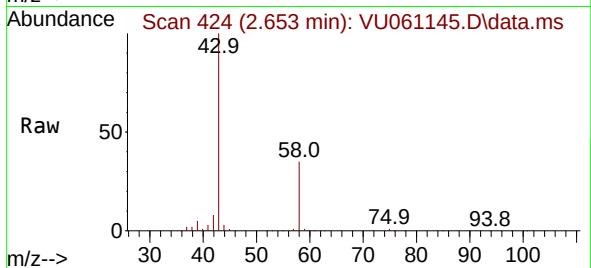
58 35.1 27.9 41.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024

Supervised By :Mahesh Dadoda 10/21/2024



#14

Carbon Disulfide

Concen: 15.496 ug/l

RT: 2.775 min Scan# 462

Delta R.T. -0.013 min

Lab File: VU061145.D

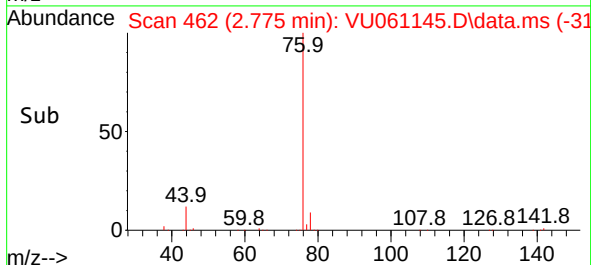
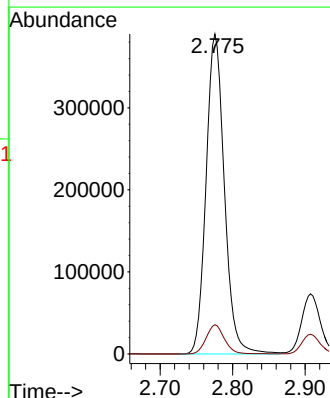
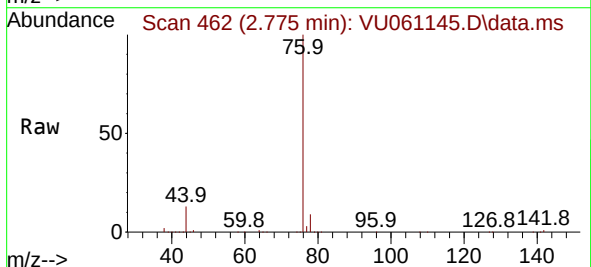
Acq: 17 Oct 2024 13:31

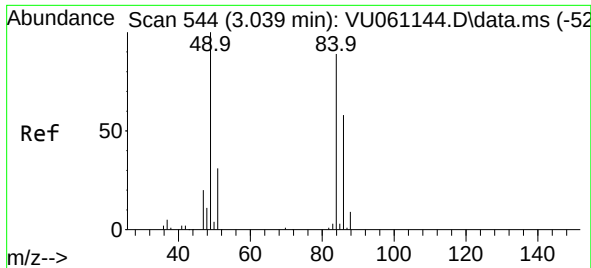
Tgt Ion: 76 Resp: 684364

Ion Ratio Lower Upper

76 100

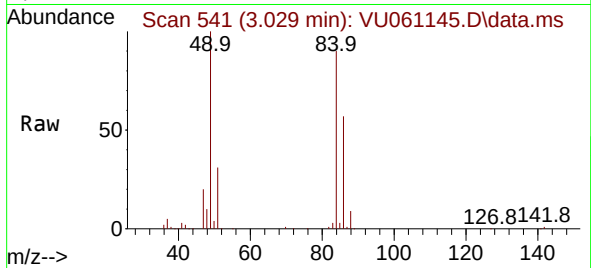
78 9.1 7.4 11.0





#15
Methylene Chloride
Concen: 14.401 ug/l
RT: 3.029 min Scan# 544
Delta R.T. -0.010 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

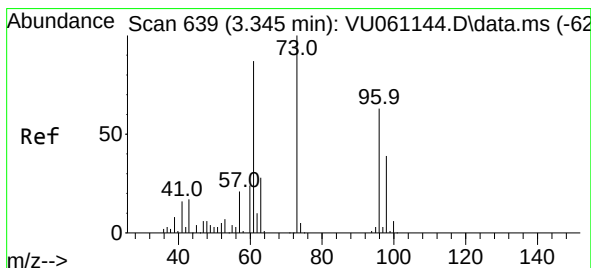
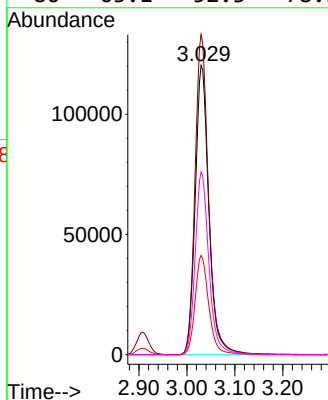
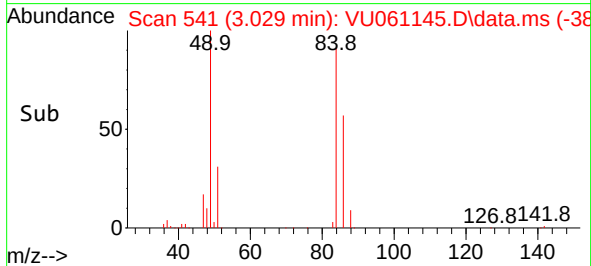
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 84 Resp: 23888
Ion Ratio Lower Upper
84 100
49 110.6 90.4 135.6
51 34.3 0.0 70.6
86 63.1 52.3 78.5

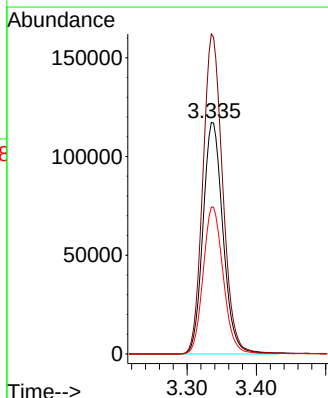
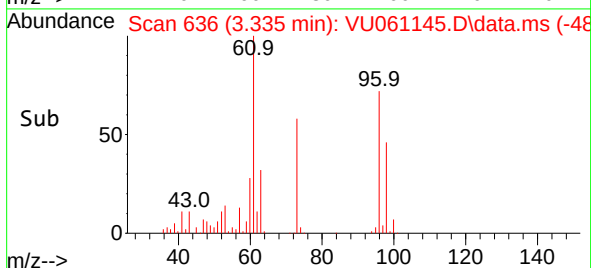
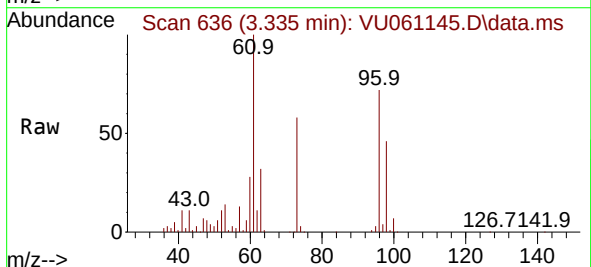
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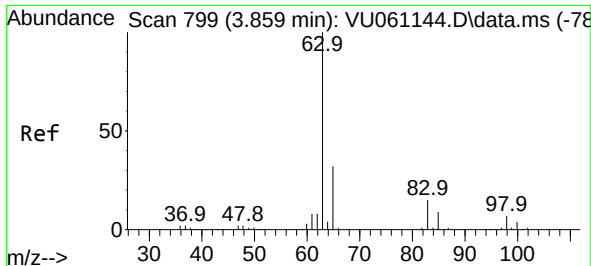
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#16
trans-1,2-Dichloroethene
Concen: 15.612 ug/l
RT: 3.335 min Scan# 636
Delta R.T. -0.010 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

Tgt Ion: 96 Resp: 234680
Ion Ratio Lower Upper
96 100
61 138.2 110.6 166.0
98 63.4 49.8 74.8





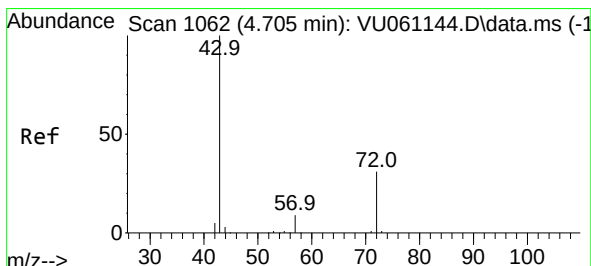
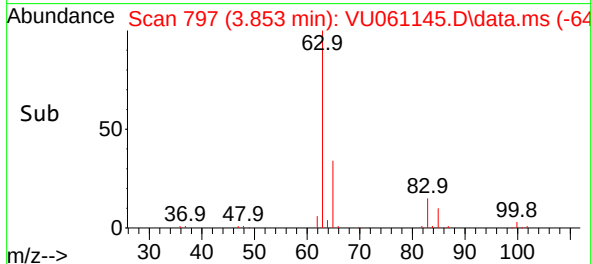
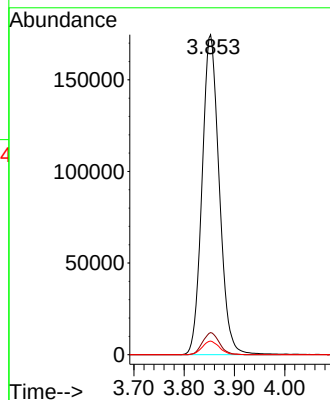
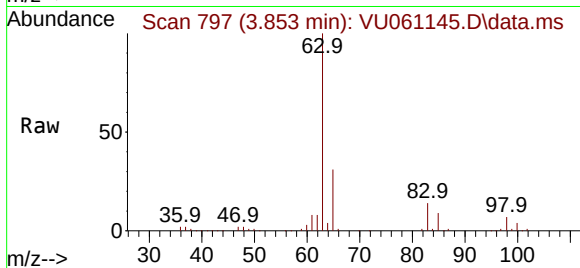
#17
1,1-Dichloroethane
Concen: 15.548 ug/l
RT: 3.853 min Scan# 799
Delta R.T. -0.007 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 63 Resp: 41440
Ion Ratio Lower Upper
63 100
98 6.9 3.3 9.8
100 4.3 2.1 6.5

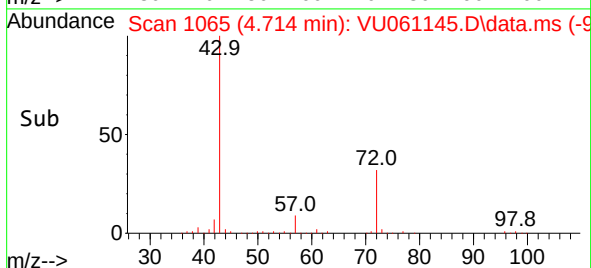
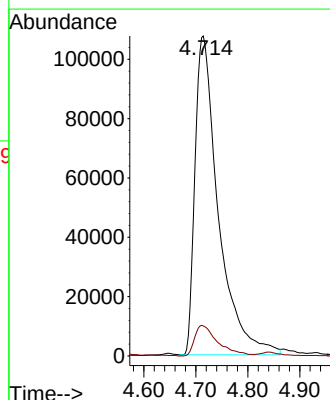
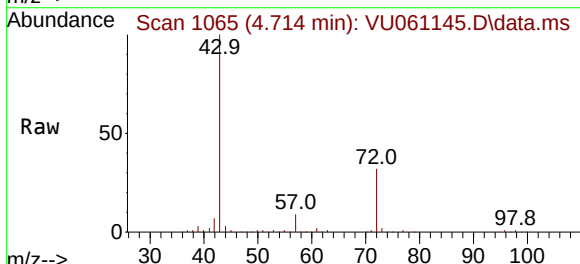
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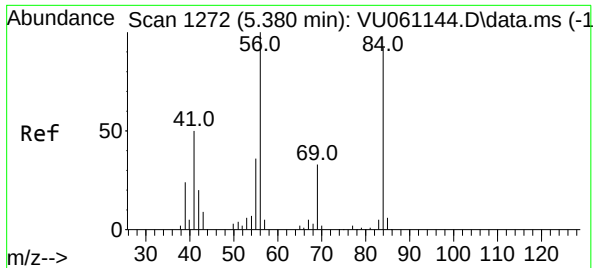
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#18
2-Butanone
Concen: 84.062 ug/l
RT: 4.714 min Scan# 1065
Delta R.T. 0.009 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

Tgt Ion: 43 Resp: 336395
Ion Ratio Lower Upper
43 100
57 9.4 0.0 19.0





#19

Cyclohexane

Concen: 15.565 ug/l m

RT: 5.373 min Scan# 1

Delta R.T. -0.007 min

Lab File: VU061145.D

Acq: 17 Oct 2024 13:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

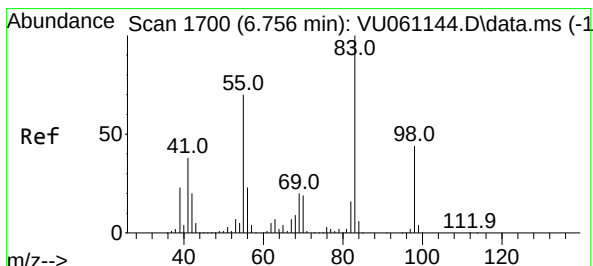
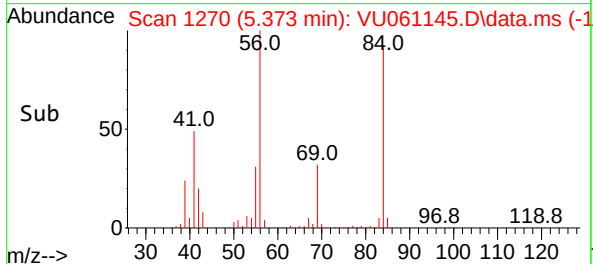
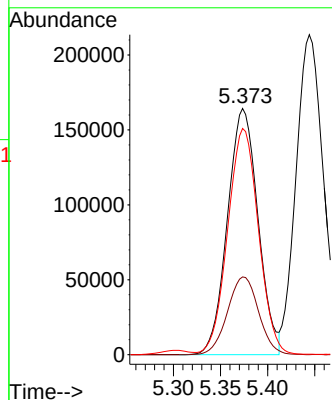
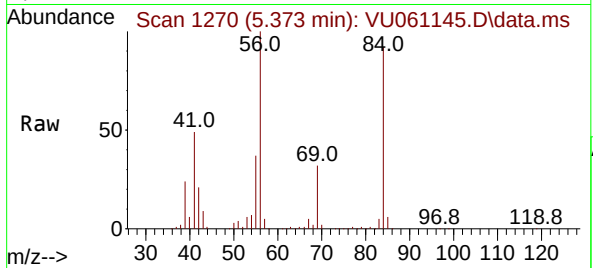
Tgt Ion: 56 Resp: 37160

Ion	Ratio	Lower	Upper
56	100		
69	32.2	26.2	39.4
84	90.9	72.7	109.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#20

Methylcyclohexane

Concen: 15.975 ug/l

RT: 6.750 min Scan# 1698

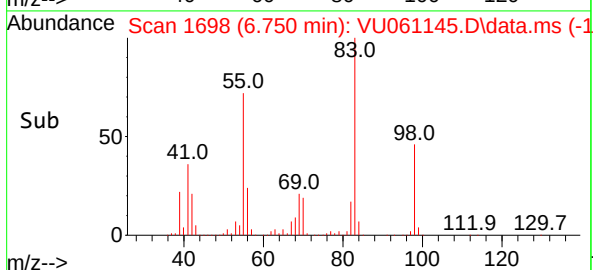
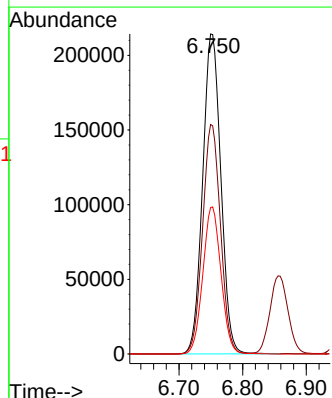
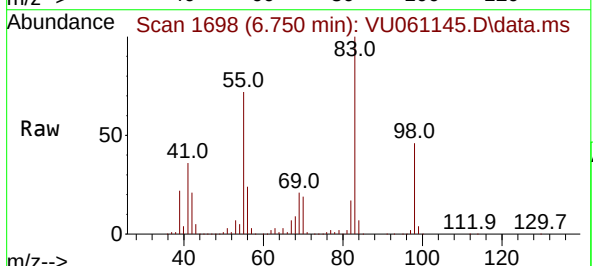
Delta R.T. -0.007 min

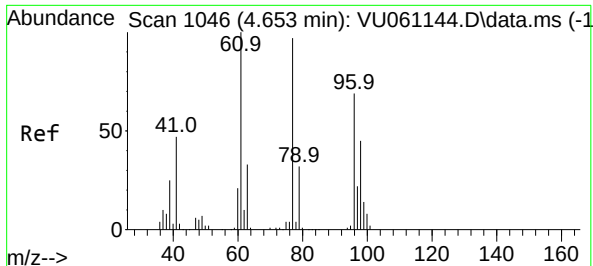
Lab File: VU061145.D

Acq: 17 Oct 2024 13:31

Tgt Ion: 83 Resp: 425245

Ion	Ratio	Lower	Upper
83	100		
55	70.4	55.5	83.3
98	46.0	35.8	53.6





#21

2,2-Dichloropropane

Concen: 15.420 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. -0.007 min

Lab File: VU061145.D

Acq: 17 Oct 2024 13:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 77 Resp: 379129

Ion Ratio Lower Upper

77 100

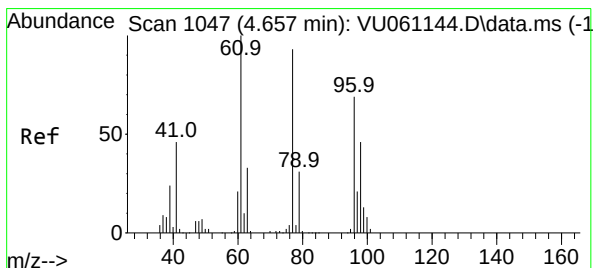
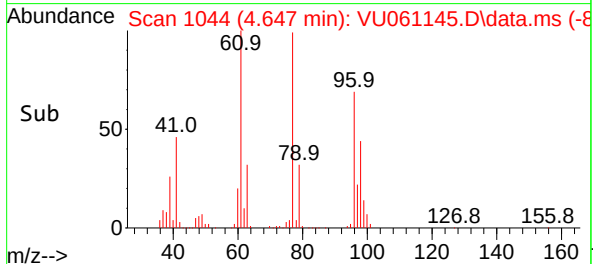
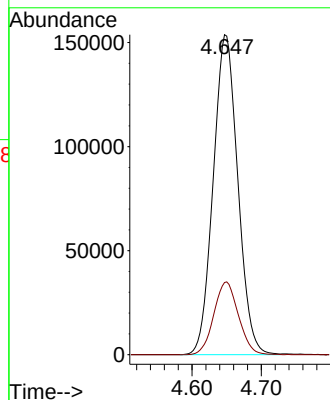
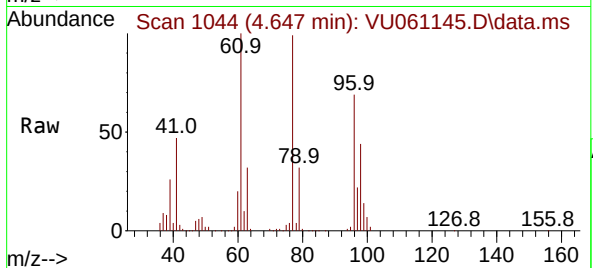
97 22.8 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024

Supervised By :Mahesh Dadoda 10/21/2024



#22

cis-1,2-Dichloroethene

Concen: 15.617 ug/l

RT: 4.650 min Scan# 1045

Delta R.T. -0.007 min

Lab File: VU061145.D

Acq: 17 Oct 2024 13:31

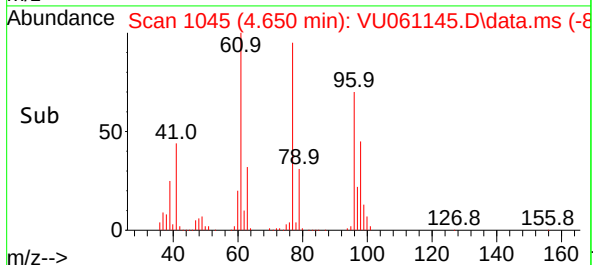
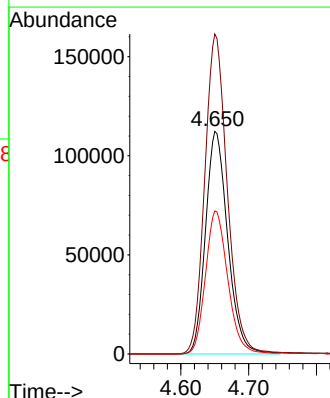
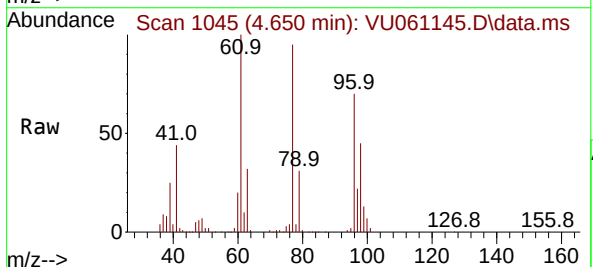
Tgt Ion: 96 Resp: 255744

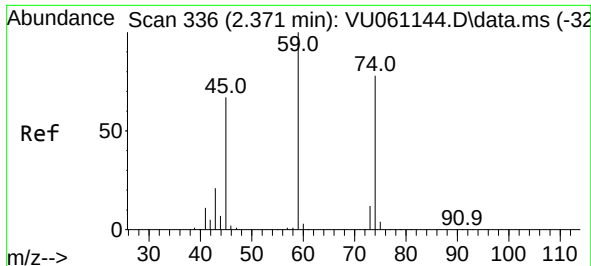
Ion Ratio Lower Upper

96 100

61 145.9 0.0 364.8

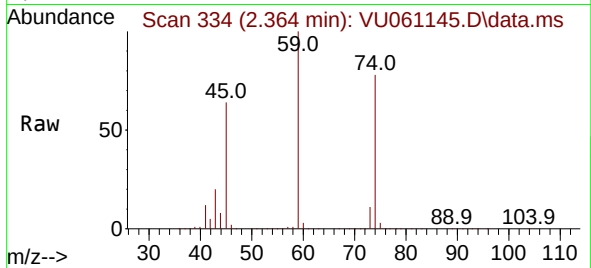
98 64.5 32.1 96.3





#23
Diethyl Ether
Concen: 15.820 ug/l
RT: 2.364 min Scan# 31
Delta R.T. -0.007 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

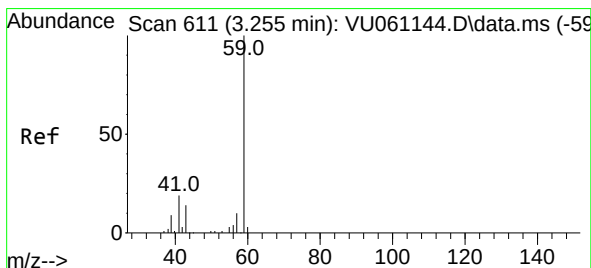
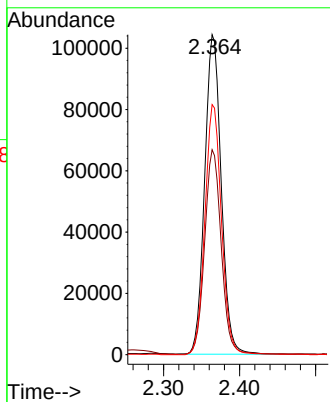
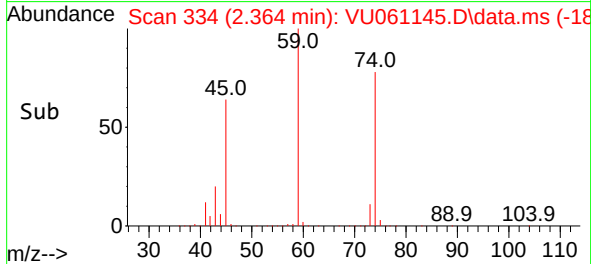
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 59 Resp: 15756
Ion Ratio Lower Upper
59 100
45 64.2 52.0 78.0
74 78.7 62.2 93.2

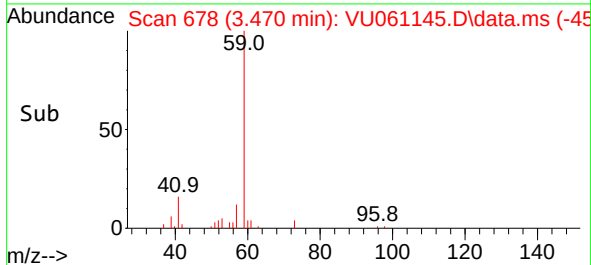
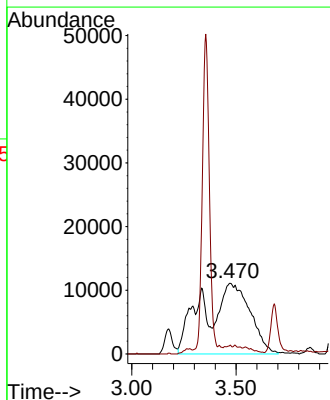
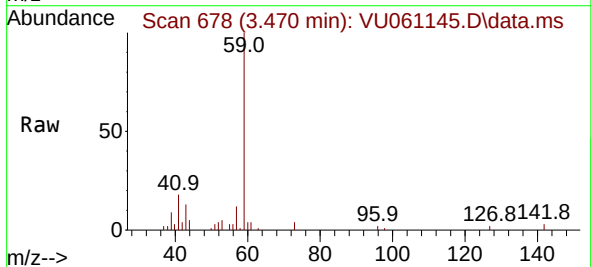
Manual Integrations
APPROVED

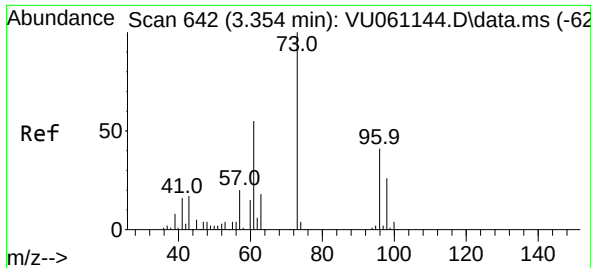
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#24
tert-Butyl Alcohol
Concen: 166.051 ug/l m
RT: 3.470 min Scan# 678
Delta R.T. 0.215 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

Tgt Ion: 59 Resp: 172190
Ion Ratio Lower Upper
59 100
57 65.2 3.2 4.8#





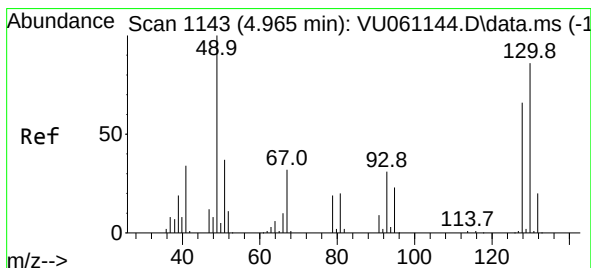
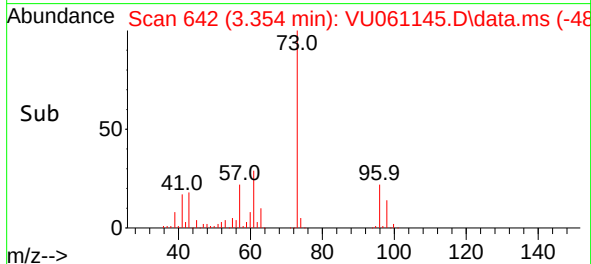
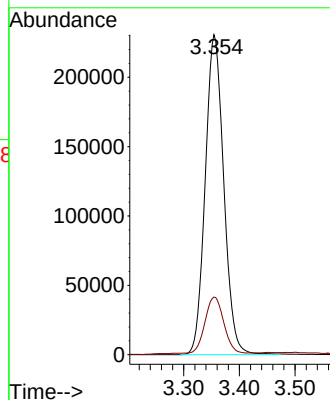
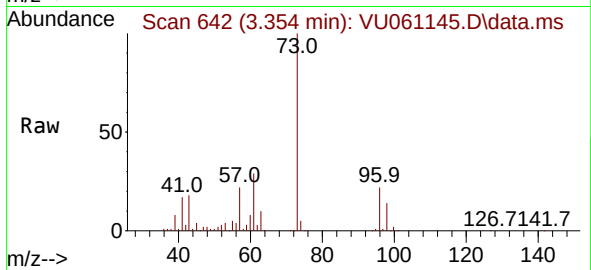
#25
Methyl tert-Butyl Ether
Concen: 15.530 ug/l
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

Tgt Ion: 73 Resp: 53328
Ion Ratio Lower Upper
73 100
43 19.3 14.7 22.1

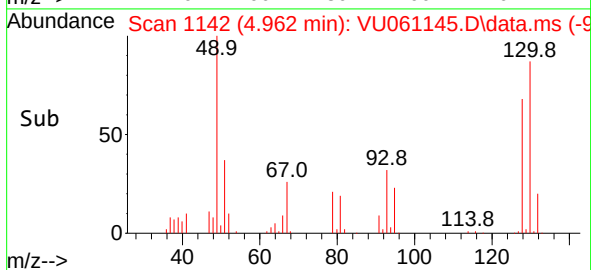
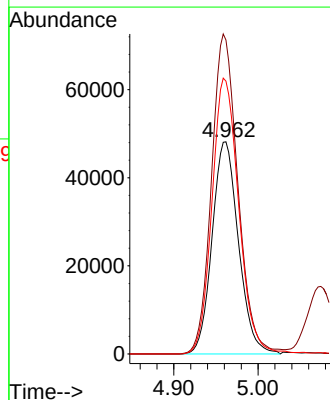
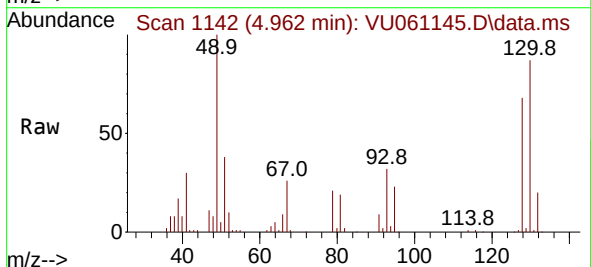
Manual Integrations
APPROVED

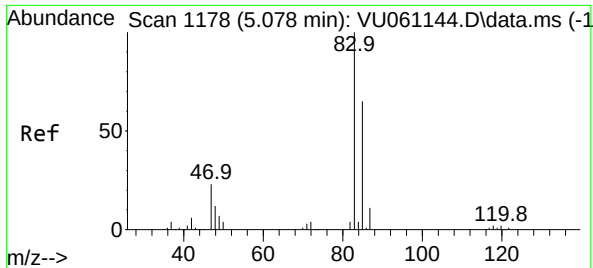
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#26
Bromochloromethane
Concen: 15.274 ug/l
RT: 4.962 min Scan# 1142
Delta R.T. -0.003 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

Tgt Ion:128 Resp: 104600
Ion Ratio Lower Upper
128 100
49 151.1 0.0 308.8
130 132.5 105.3 157.9





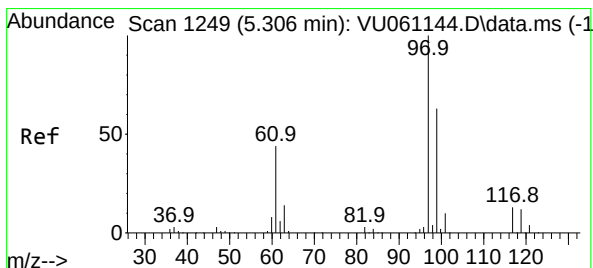
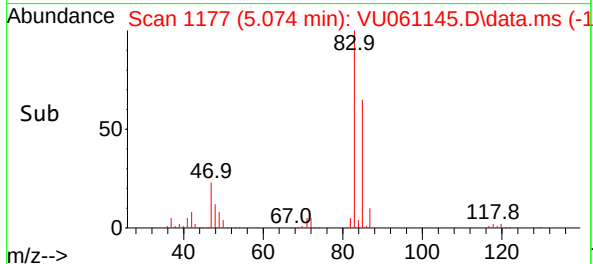
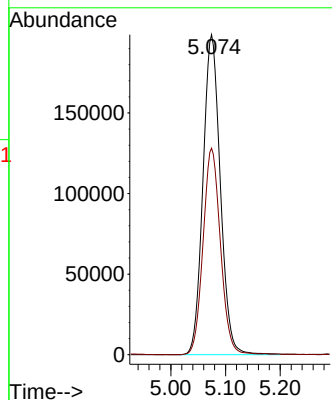
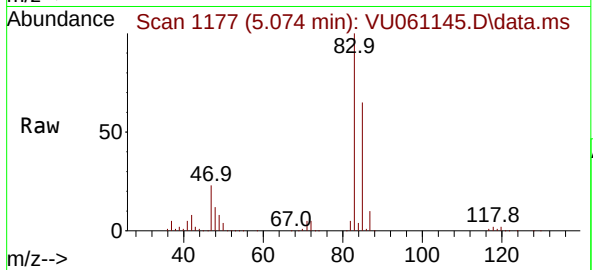
#27
Chloroform
Concen: 15.653 ug/l
RT: 5.074 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 83 Resp: 437494
Ion Ratio Lower Upper
83 100
85 64.6 0.0 129.6

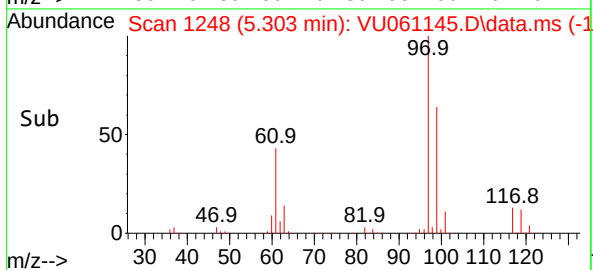
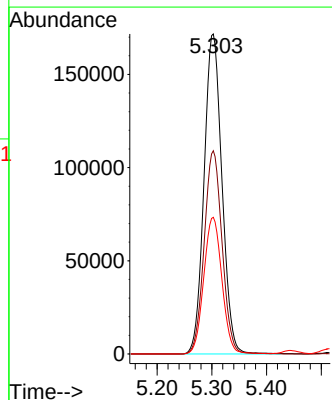
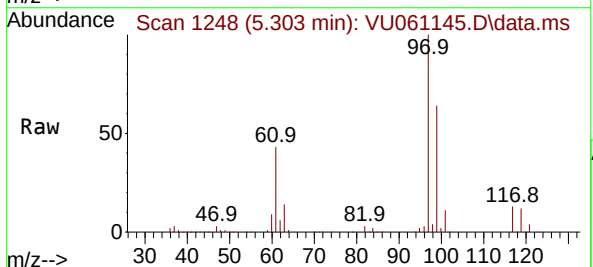
Manual Integrations
APPROVED

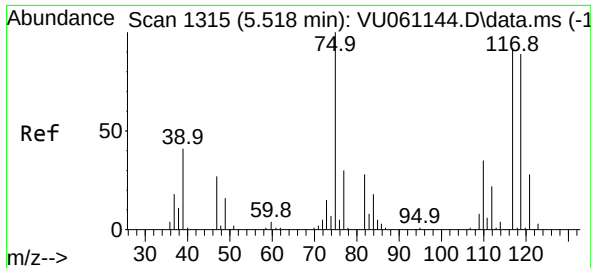
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#28
1,1,1-Trichloroethane
Concen: 15.838 ug/l
RT: 5.303 min Scan# 1248
Delta R.T. -0.003 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

Tgt Ion: 97 Resp: 390277
Ion Ratio Lower Upper
97 100
99 63.3 31.9 95.5
61 43.4 22.1 66.1





#29
1,1-Dichloropropene
Concen: 15.571 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. -0.007 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

Instrument :

MSVOA_U

ClientSampleId :

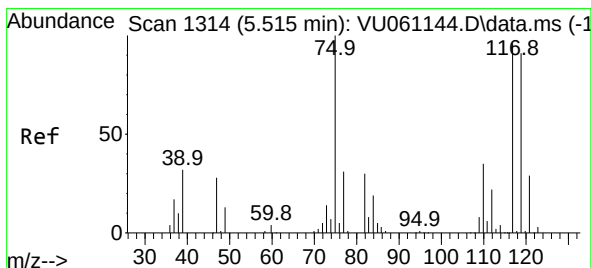
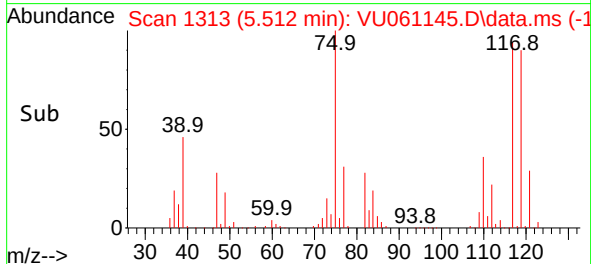
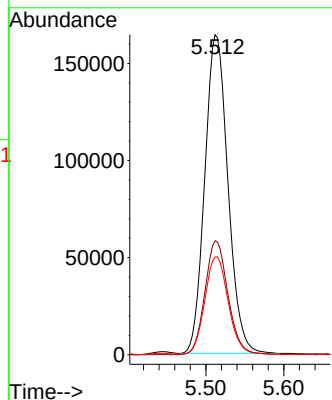
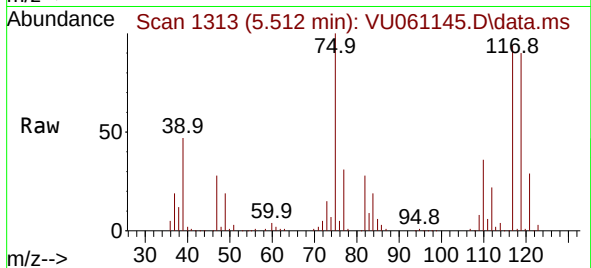
VSTDICC015

Tgt Ion: 75 Resp: 339198
Ion Ratio Lower Upper
75 100
110 35.7 17.8 53.3
77 30.7 24.6 37.0

Manual Integrations

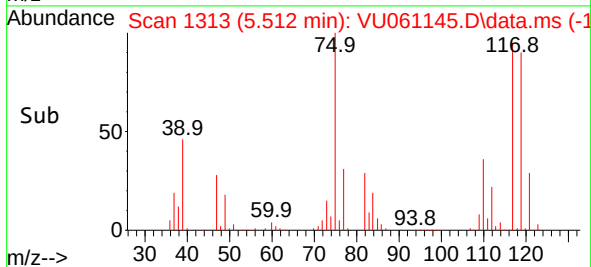
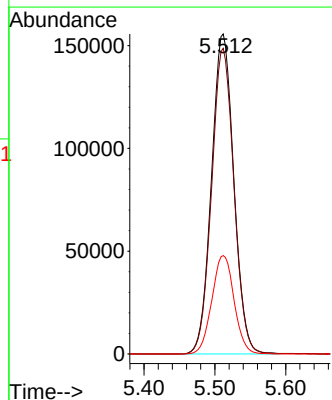
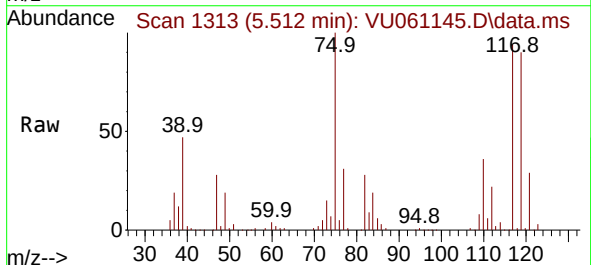
APPROVED

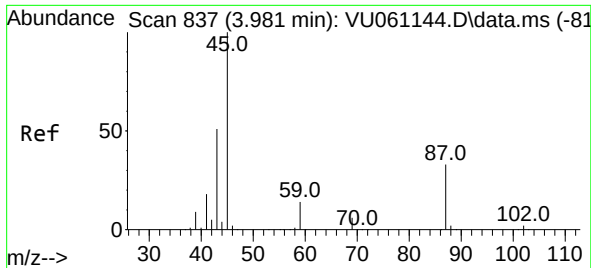
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#30
Carbon Tetrachloride
Concen: 15.942 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. -0.003 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

Tgt Ion:117 Resp: 340855
Ion Ratio Lower Upper
117 100
119 95.5 76.4 114.6
121 30.7 24.1 36.1





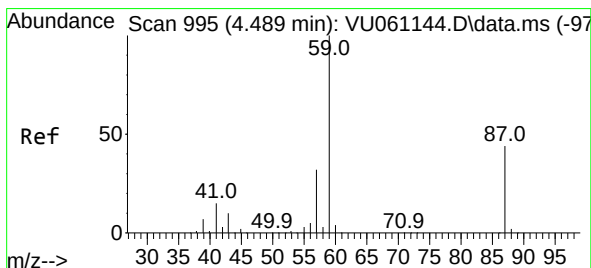
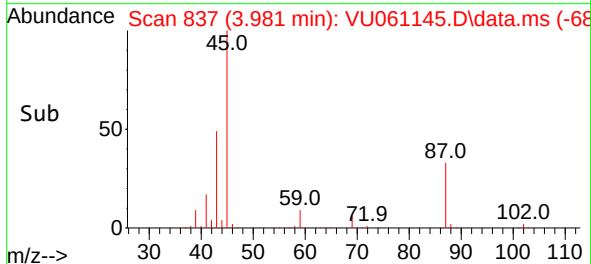
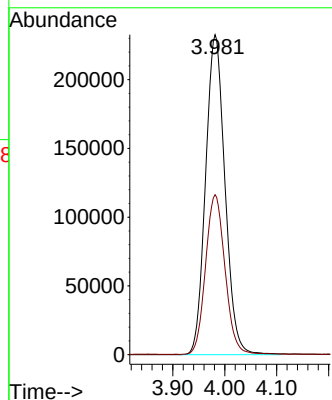
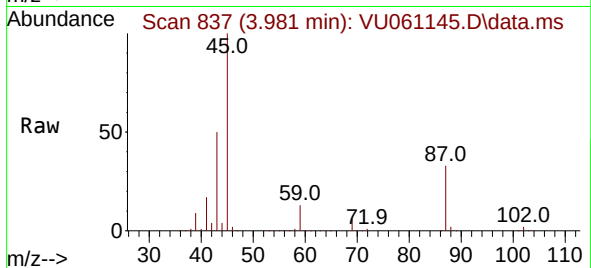
#31
Isopropyl Ether
Concen: 15.865 ug/l
RT: 3.981 min Scan# 837
Delta R.T. -0.000 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 45 Resp: 60328
Ion Ratio Lower Upper
45 100
43 50.0 25.7 77.0

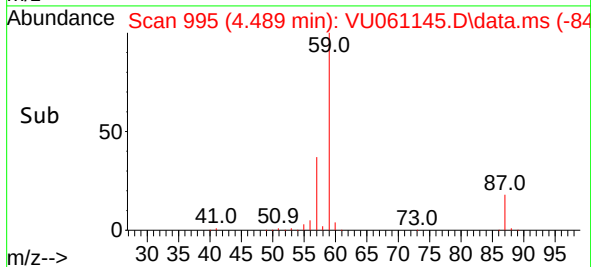
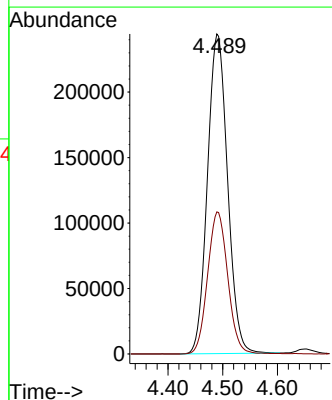
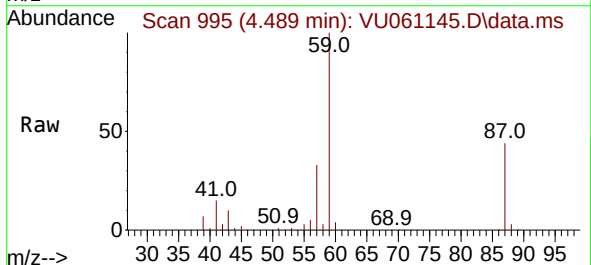
Manual Integrations
APPROVED

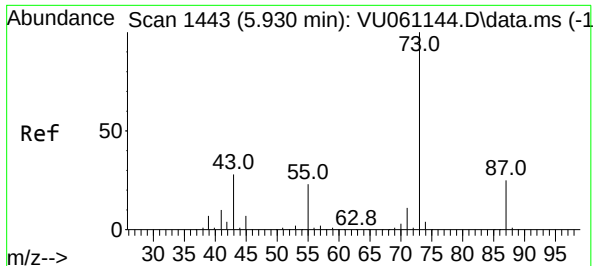
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#32
Ethyl-t-butyl ether
Concen: 15.946 ug/l
RT: 4.489 min Scan# 995
Delta R.T. -0.000 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

Tgt Ion: 59 Resp: 623430
Ion Ratio Lower Upper
59 100
87 44.4 34.7 52.1





#33
Tert-Amyl methyl ether
Concen: 16.580 ug/l
RT: 5.930 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

Instrument :

MSVOA_U

ClientSampleId :

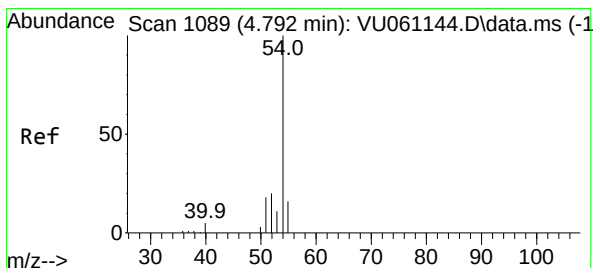
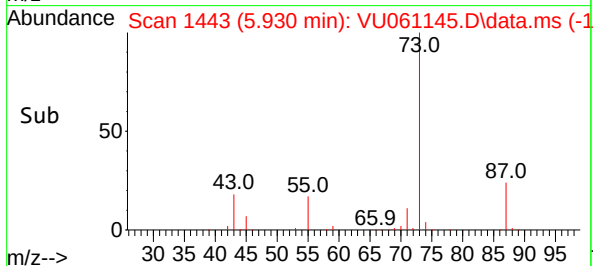
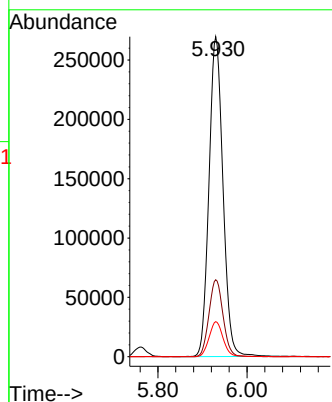
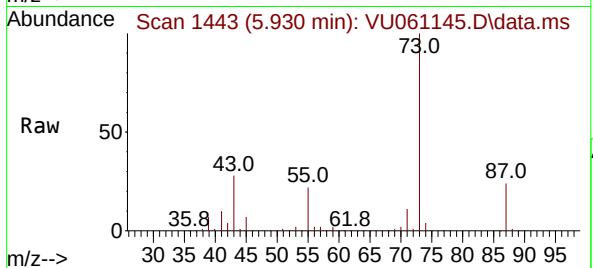
VSTDICC015

Tgt Ion: 73 Resp: 58346
Ion Ratio Lower Upper
73 100
87 24.2 19.8 29.8
71 10.9 8.6 12.8

Manual Integrations

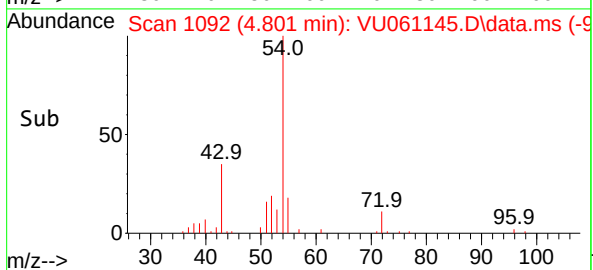
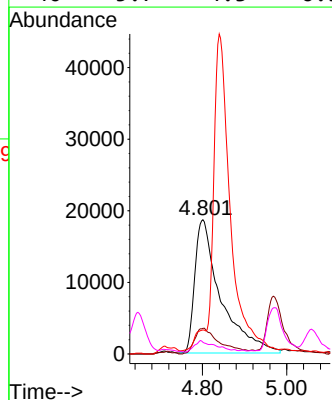
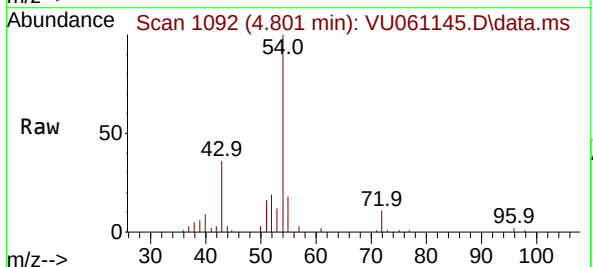
APPROVED

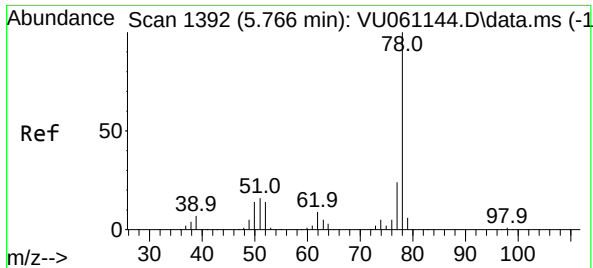
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#34
Propionitrile
Concen: 80.588 ug/l
RT: 4.801 min Scan# 1092
Delta R.T. 0.009 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

Tgt Ion: 54 Resp: 79792
Ion Ratio Lower Upper
54 100
52 18.8 15.3 22.9
55 6.5 9.7 14.5#
40 5.7 4.3 6.5





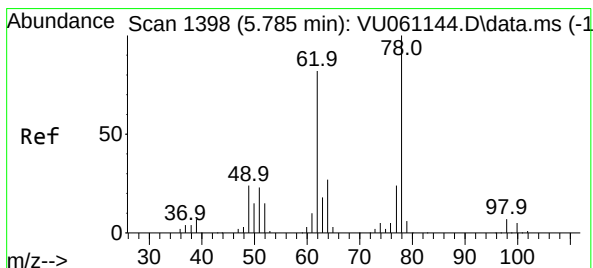
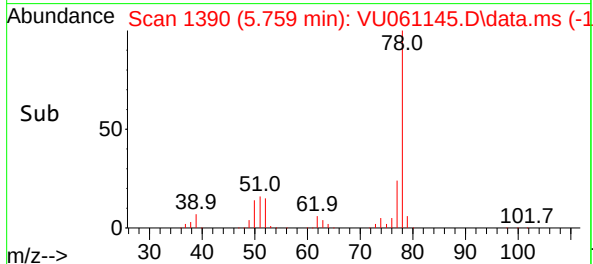
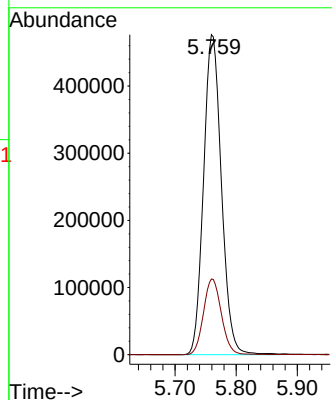
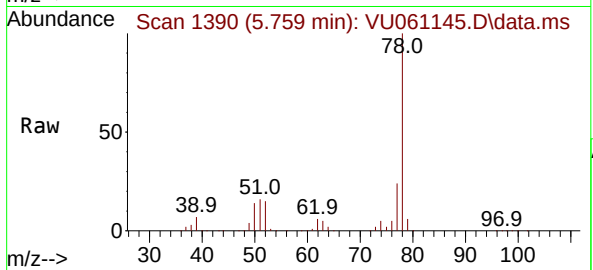
#35
Benzene
Concen: 15.777 ug/l
RT: 5.759 min Scan# 1390
Delta R.T. -0.007 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 78 Resp: 96749
Ion Ratio Lower Upper
78 100
77 23.6 19.4 29.0

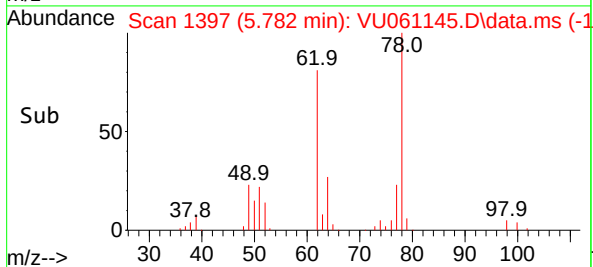
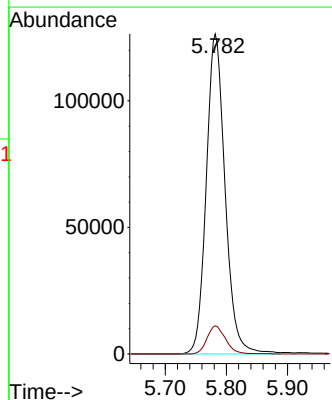
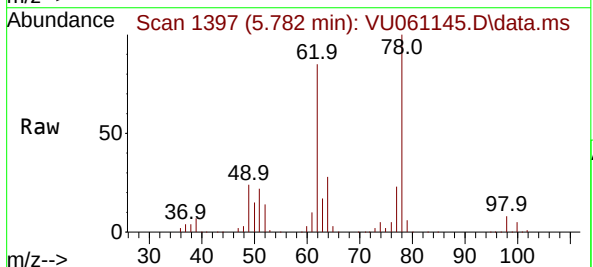
Manual Integrations
APPROVED

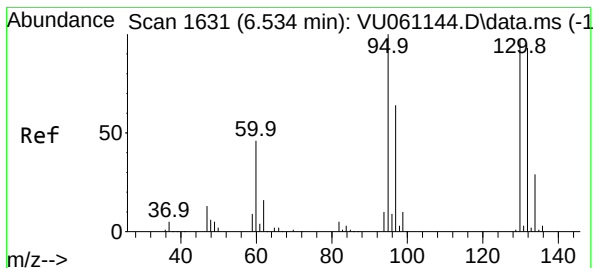
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#36
1,2-Dichloroethane
Concen: 15.599 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. -0.003 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

Tgt Ion: 62 Resp: 270081
Ion Ratio Lower Upper
62 100
98 8.6 7.0 10.4





#37

Trichloroethene

Concen: 15.493 ug/l

RT: 6.531 min Scan# 1631

Delta R.T. -0.003 min

Lab File: VU061145.D

Acq: 17 Oct 2024 13:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion:130 Resp: 253590

Ion Ratio Lower Upper

130 100

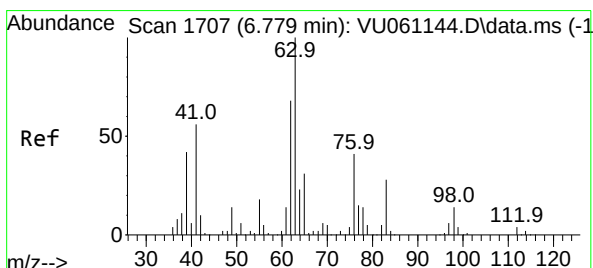
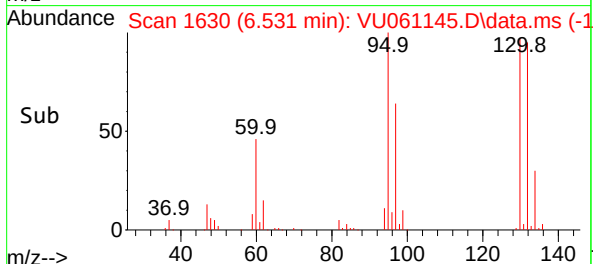
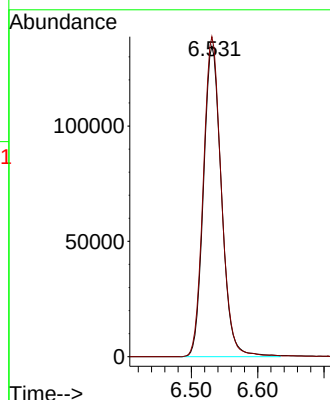
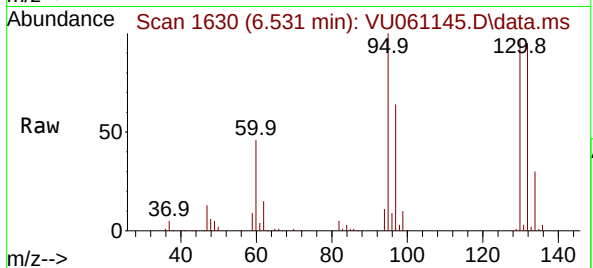
95 103.0 82.6 123.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024

Supervised By :Mahesh Dadoda 10/21/2024



#38

1,2-Dichloropropane

Concen: 15.569 ug/l

RT: 6.779 min Scan# 1707

Delta R.T. -0.000 min

Lab File: VU061145.D

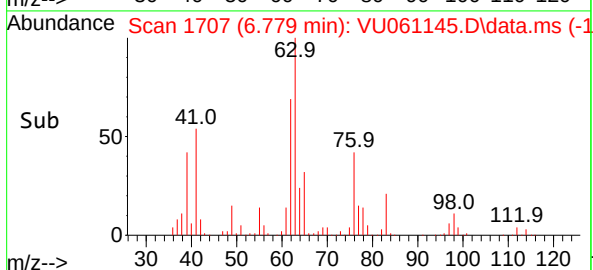
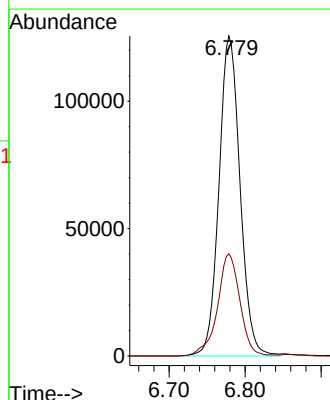
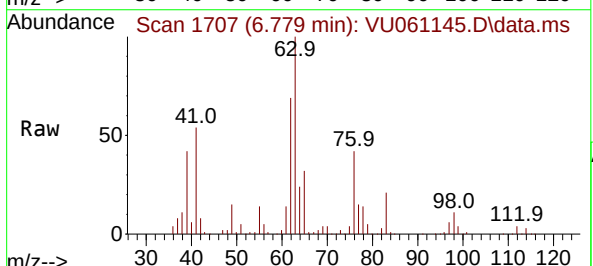
Acq: 17 Oct 2024 13:31

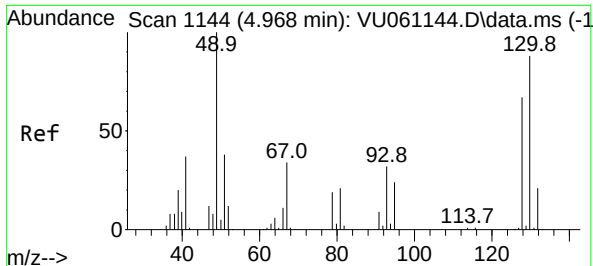
Tgt Ion: 63 Resp: 241814

Ion Ratio Lower Upper

63 100

65 31.8 25.0 37.6





#39

Methacrylonitrile

Concen: 16.923 ug/l

RT: 4.968 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VU061145.D

Acq: 17 Oct 2024 13:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 41 Resp: 5986

Ion Ratio Lower Upper

41 100

67 94.1 78.1 117.1

39 53.6 44.6 67.0

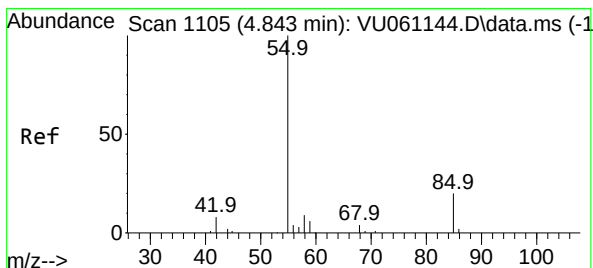
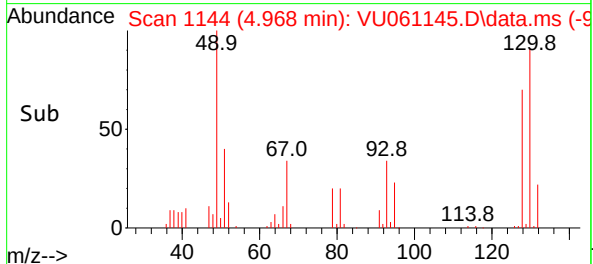
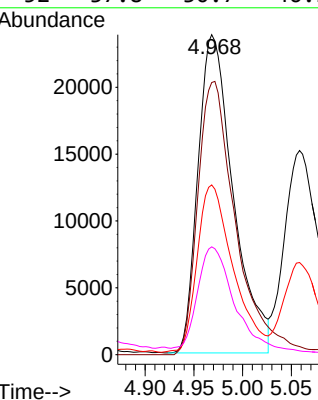
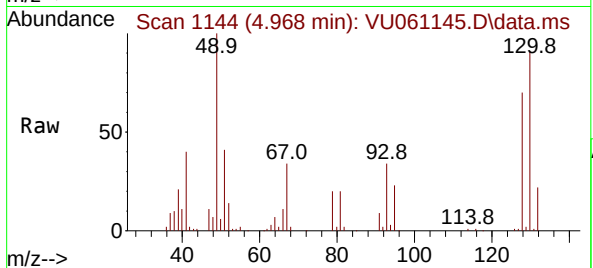
52 37.8 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024

Supervised By :Mahesh Dadoda 10/21/2024



#40

Methyl acrylate

Concen: 16.538 ug/l

RT: 4.840 min Scan# 1104

Delta R.T. -0.003 min

Lab File: VU061145.D

Acq: 17 Oct 2024 13:31

Tgt Ion: 55 Resp: 117553

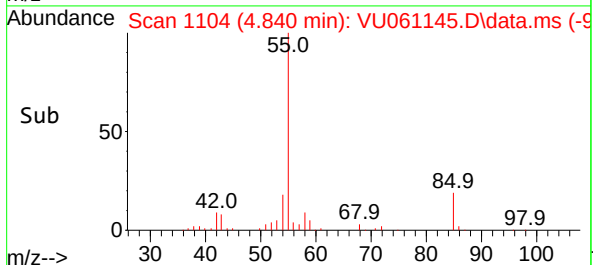
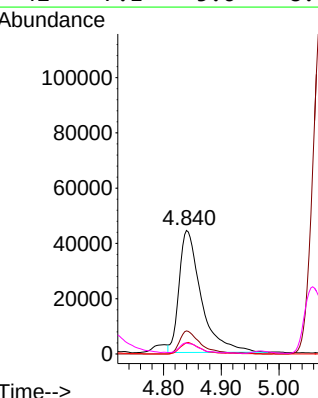
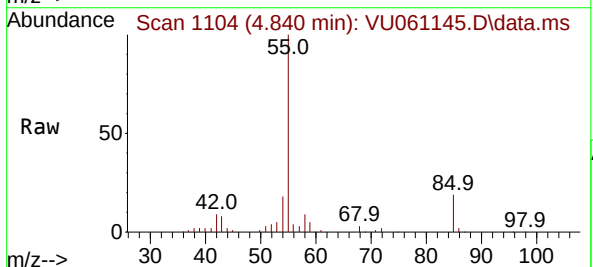
Ion Ratio Lower Upper

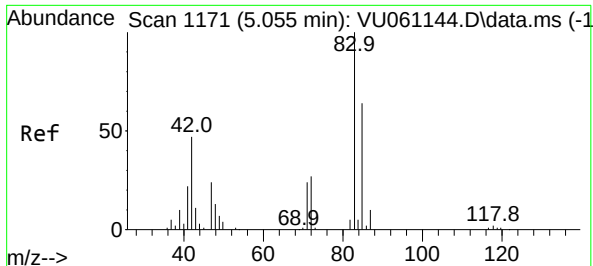
55 100

85 17.8 14.1 21.1

58 8.4 6.9 10.3

42 7.1 5.6 8.4





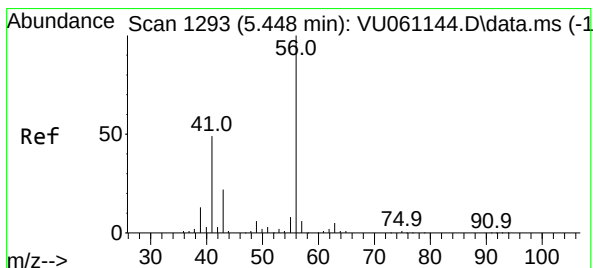
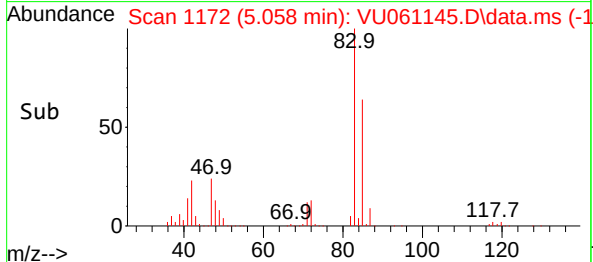
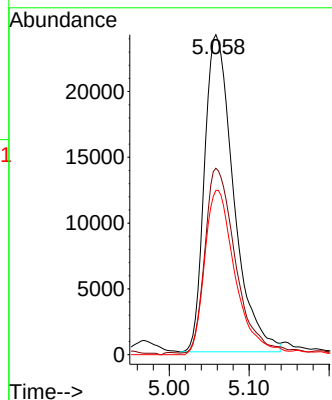
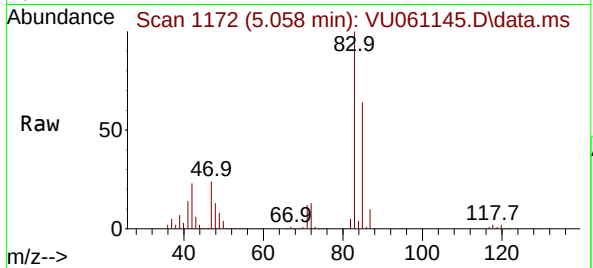
#41
Tetrahydrofuran
Concen: 29.120 ug/l
RT: 5.058 min Scan# 1171
Delta R.T. 0.003 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

Tgt Ion: 42 Resp: 61210
Ion Ratio Lower Upper
42 100
72 60.7 47.8 71.8
71 54.4 41.5 62.3

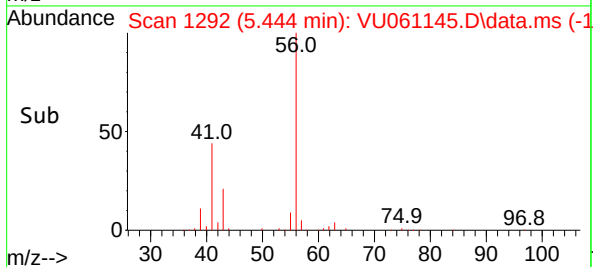
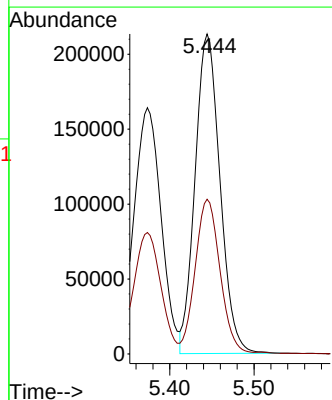
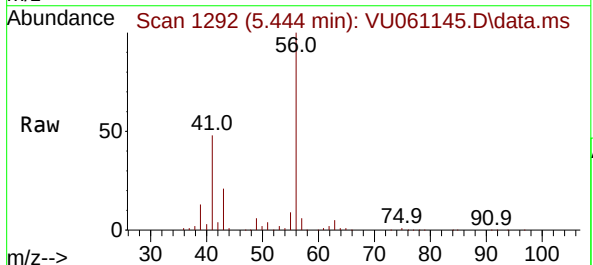
Manual Integrations
APPROVED

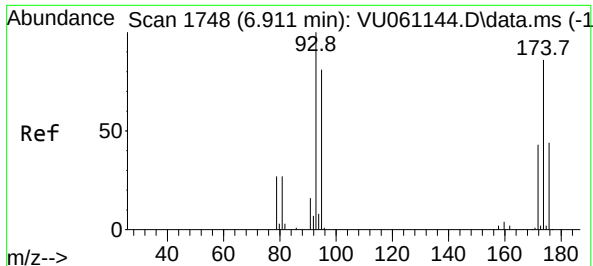
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#42
1-Chlorobutane
Concen: 15.686 ug/l
RT: 5.444 min Scan# 1292
Delta R.T. -0.003 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

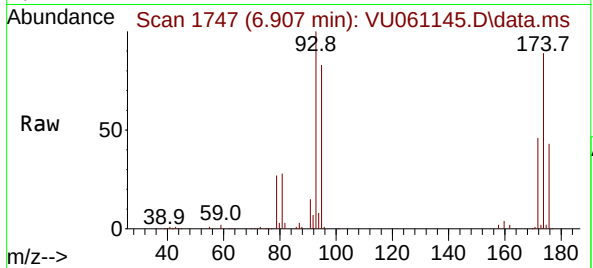
Tgt Ion: 56 Resp: 438288
Ion Ratio Lower Upper
56 100
41 47.4 23.9 71.7





#43
Dibromomethane
Concen: 15.523 ug/l
RT: 6.907 min Scan# 1747
Delta R.T. -0.003 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

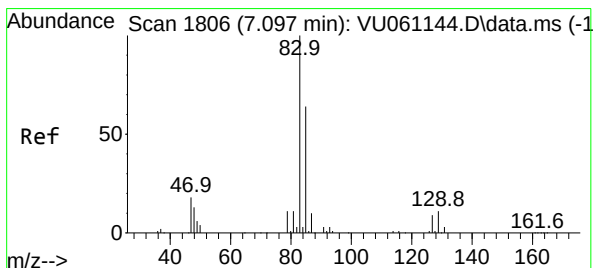
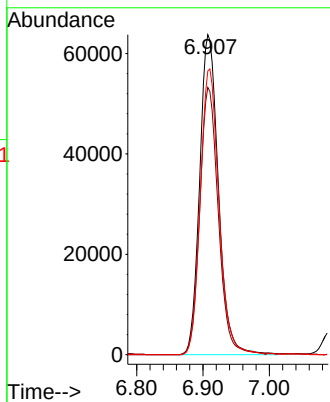
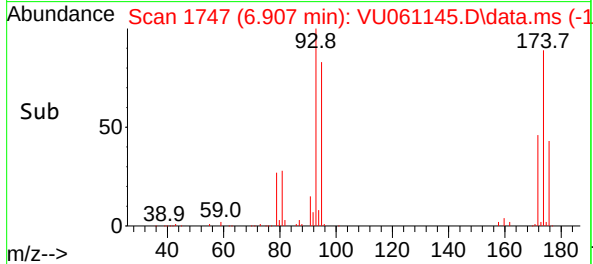
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



Tgt Ion: 93 Resp: 125018
Ion Ratio Lower Upper
93 100
95 82.5 67.5 101.3
174 88.8 71.2 106.8

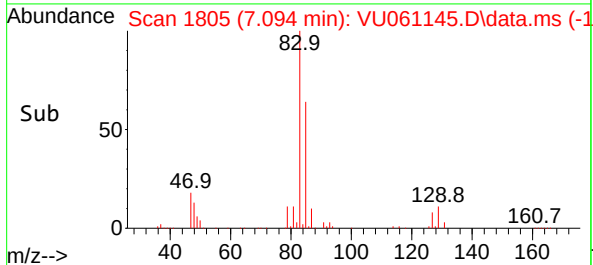
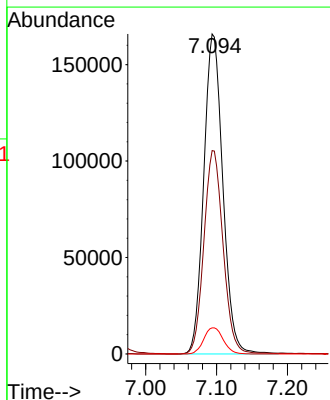
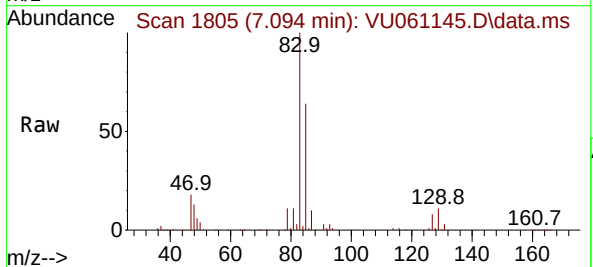
Manual Integrations
APPROVED

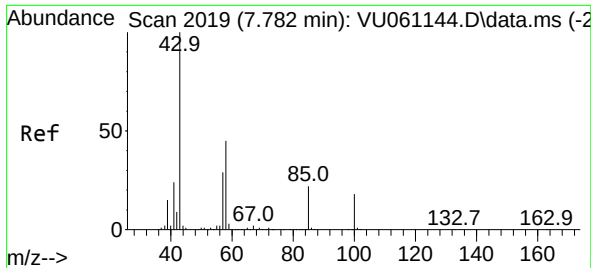
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#44
Bromodichloromethane
Concen: 15.834 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

Tgt Ion: 83 Resp: 310107
Ion Ratio Lower Upper
83 100
85 63.6 51.4 77.2
127 8.1 7.4 11.2





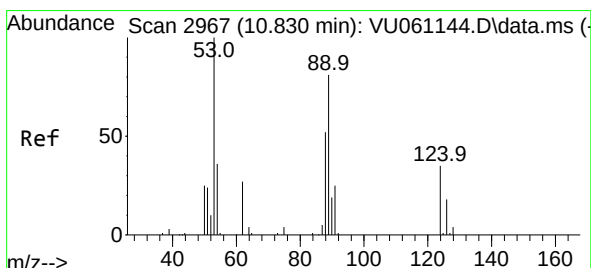
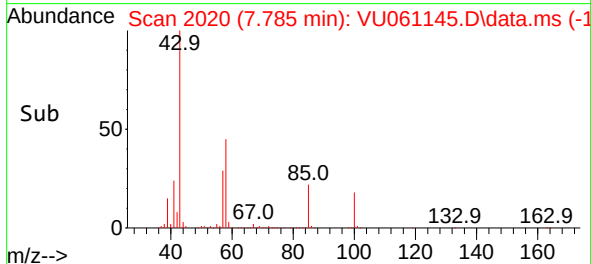
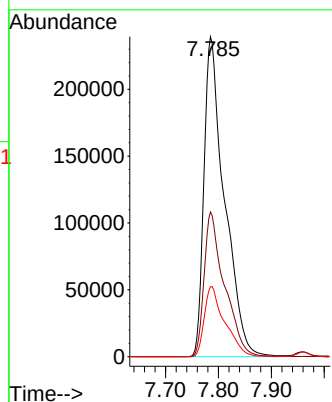
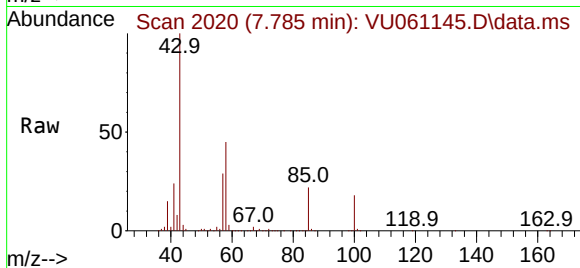
#45
4-Methyl-2-Pentanone
Concen: 79.711 ug/l
RT: 7.785 min Scan# 2019
Delta R.T. 0.003 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

Tgt Ion: 43 Resp: 64443
Ion Ratio Lower Upper
43 100
58 44.9 22.2 66.6
85 22.0 17.2 25.8

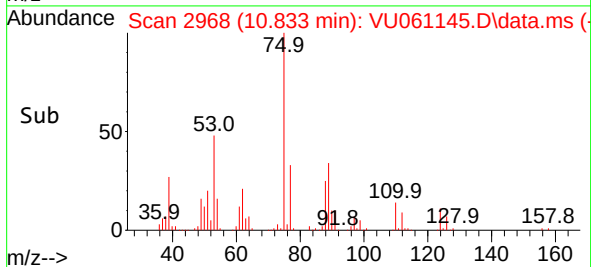
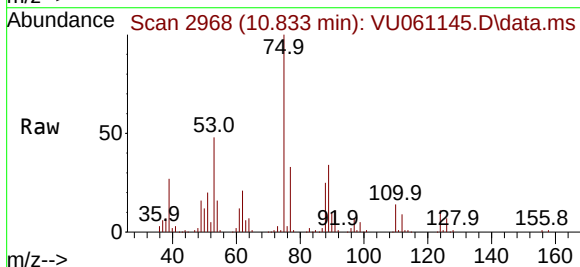
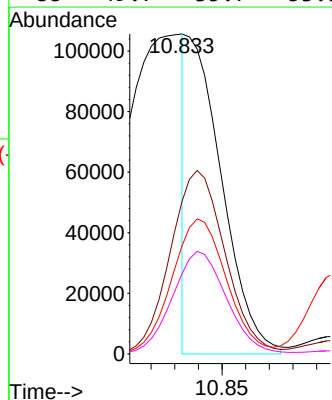
Manual Integrations
APPROVED

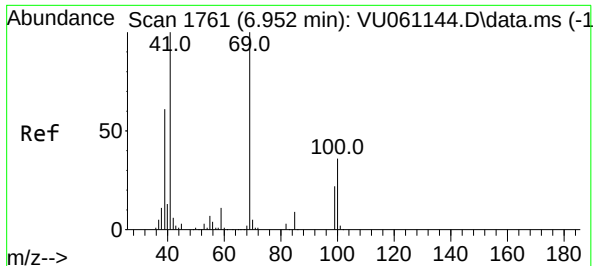
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#46
t-1,4-Dichloro-2-butene
Concen: 32.602 ug/l m
RT: 10.833 min Scan# 2968
Delta R.T. 0.003 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

Tgt Ion: 75 Resp: 109057
Ion Ratio Lower Upper
75 100
53 90.0 66.0 99.0
89 66.3 48.0 72.0
88 49.7 35.7 53.5





#47

Methyl methacrylate

Concen: 32.536 ug/l

RT: 6.952 min Scan# 1761

Delta R.T. -0.000 min

Lab File: VU061145.D

Acq: 17 Oct 2024 13:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 69 Resp: 22773

Ion Ratio Lower Upper

69 100

41 97.4 0.0 196.0

39 60.2 48.0 72.0

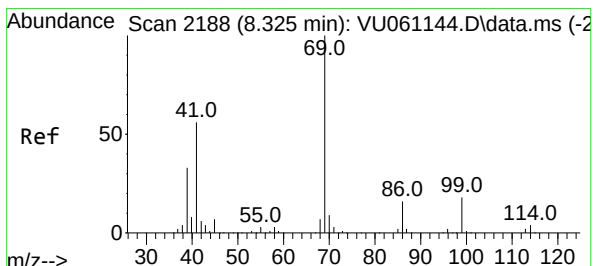
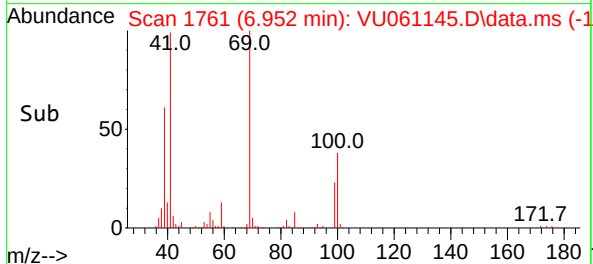
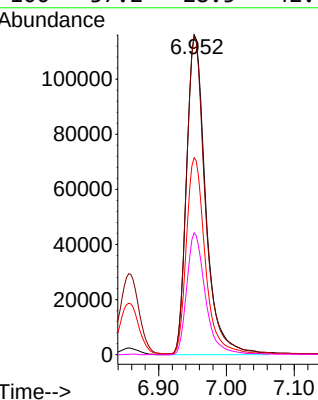
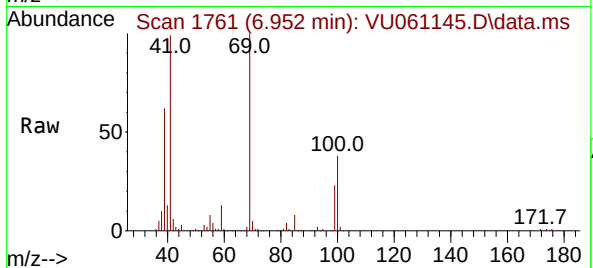
100 37.2 28.5 42.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024

Supervised By :Mahesh Dadoda 10/21/2024



#48

Ethyl methacrylate

Concen: 16.692 ug/l

RT: 8.328 min Scan# 2189

Delta R.T. 0.003 min

Lab File: VU061145.D

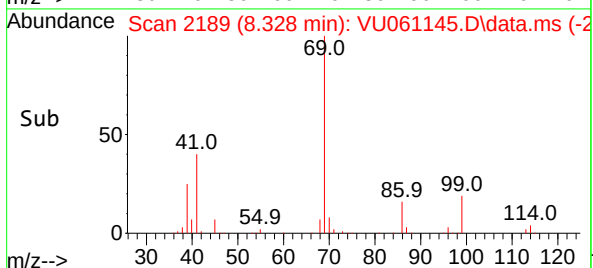
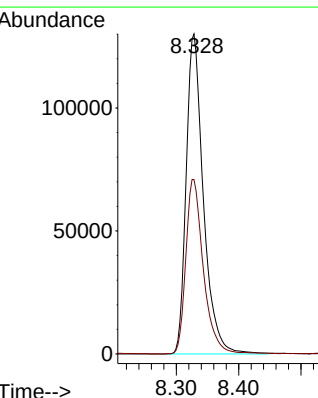
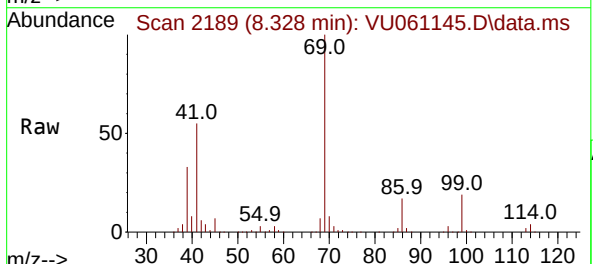
Acq: 17 Oct 2024 13:31

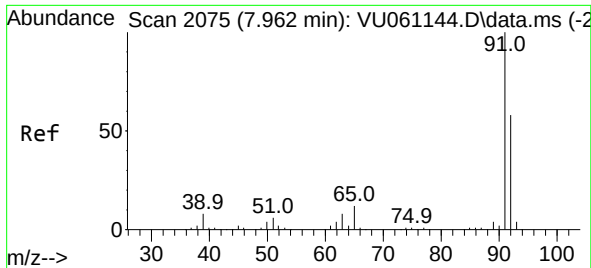
Tgt Ion: 69 Resp: 249120

Ion Ratio Lower Upper

69 100

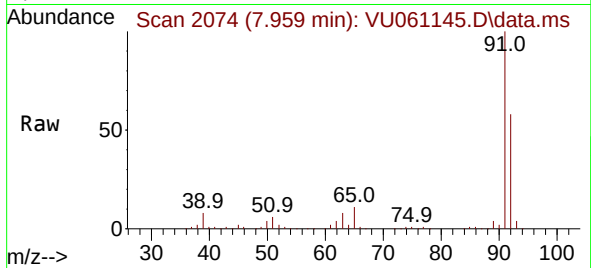
41 55.8 28.1 84.3





#49
Toluene
Concen: 15.985 ug/l
RT: 7.959 min Scan# 2075
Delta R.T. -0.003 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

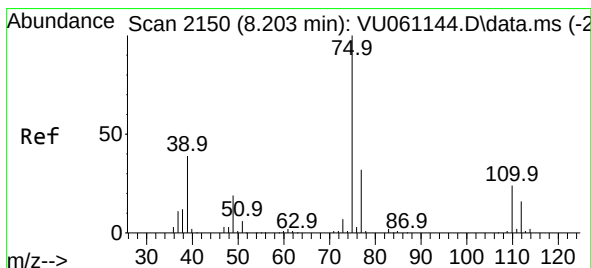
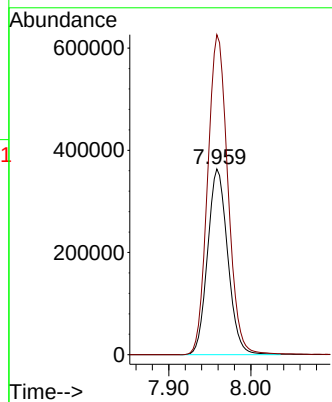
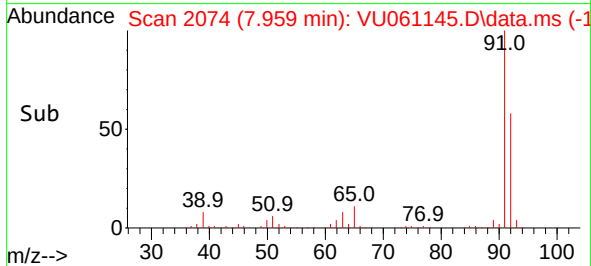
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



Tgt Ion: 92 Resp: 619250
Ion Ratio Lower Upper
92 100
91 173.7 139.1 208.7

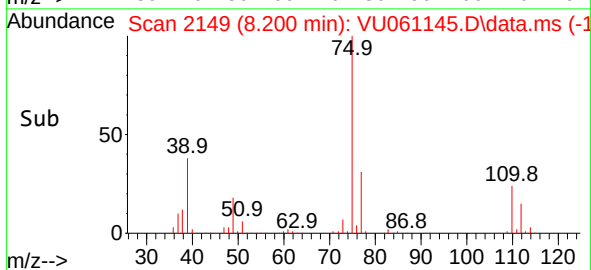
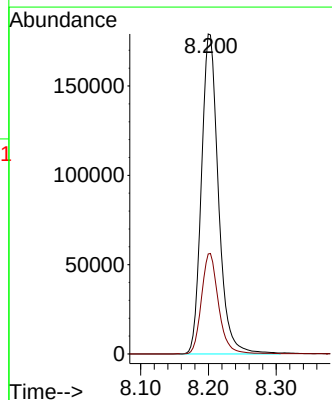
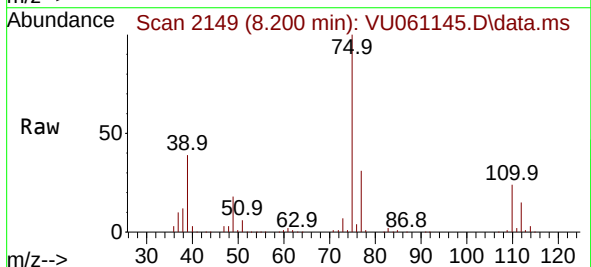
Manual Integrations
APPROVED

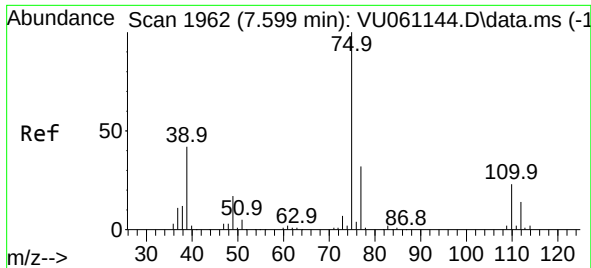
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#50
t-1,3-Dichloropropene
Concen: 16.504 ug/l
RT: 8.200 min Scan# 2149
Delta R.T. -0.003 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

Tgt Ion: 75 Resp: 311626
Ion Ratio Lower Upper
75 100
77 31.2 25.9 38.9





#51
cis-1,3-Dichloropropene
Concen: 16.143 ug/l
RT: 7.595 min Scan# 1961
Delta R.T. -0.003 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

Instrument :

MSVOA_U

ClientSampleId :

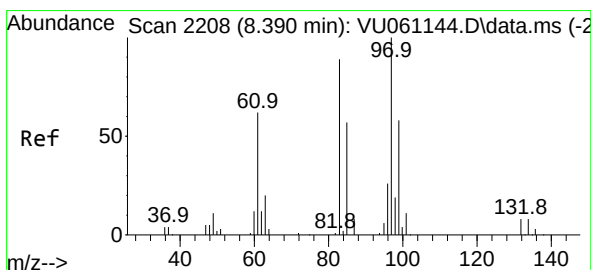
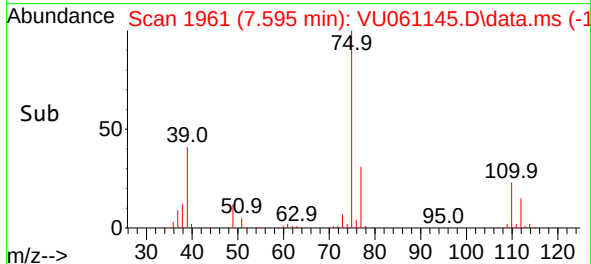
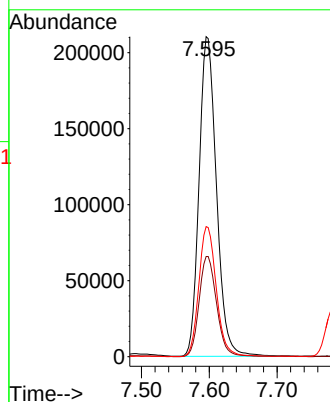
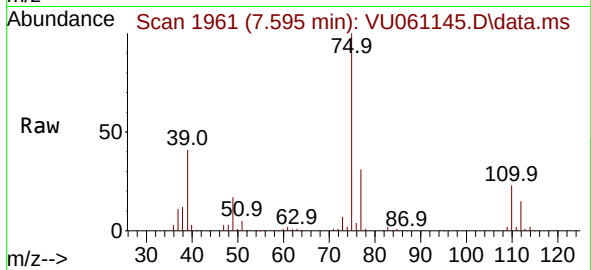
VSTDIC015

Tgt Ion: 75 Resp: 373997
Ion Ratio Lower Upper
75 100
77 31.4 25.8 38.8
39 40.6 33.7 50.5

Manual Integrations

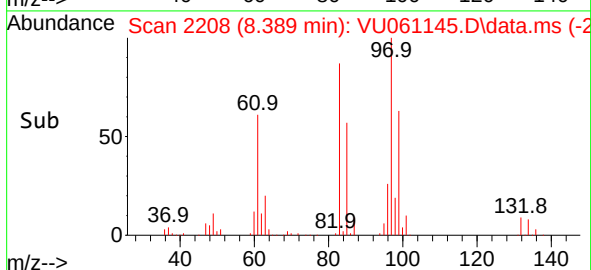
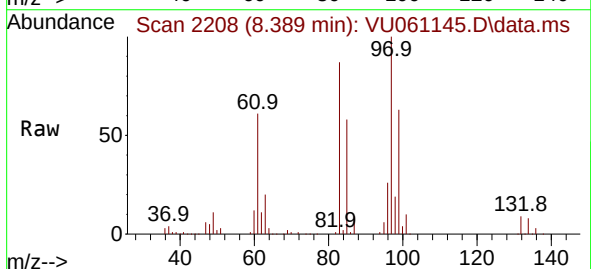
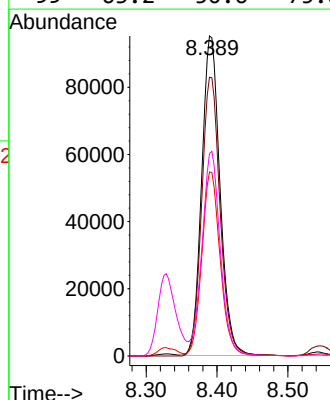
APPROVED

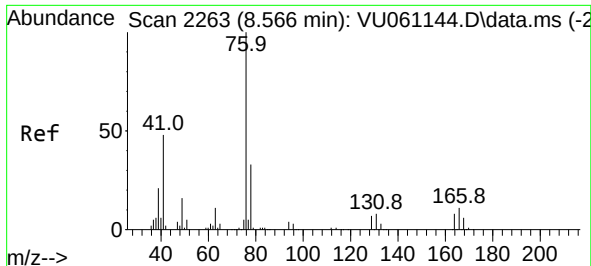
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#52
1,1,2-Trichloroethane
Concen: 15.732 ug/l
RT: 8.389 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

Tgt Ion: 97 Resp: 170874
Ion Ratio Lower Upper
97 100
83 87.2 71.0 106.4
85 57.5 46.1 69.1
99 63.2 50.6 75.8





#53

1,3-Dichloropropane

Concen: 15.670 ug/l

RT: 8.566 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU061145.D

Acq: 17 Oct 2024 13:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 76 Resp: 29895

Ion Ratio Lower Upper

76 100

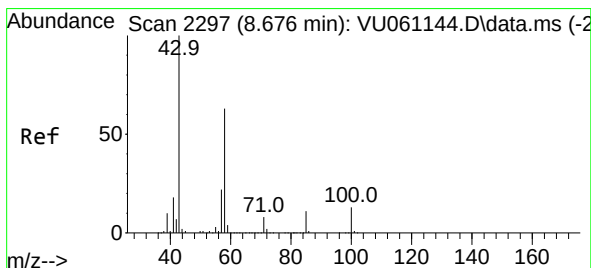
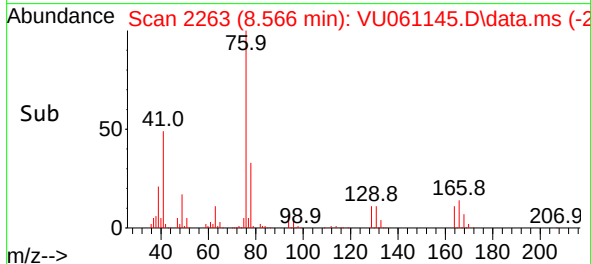
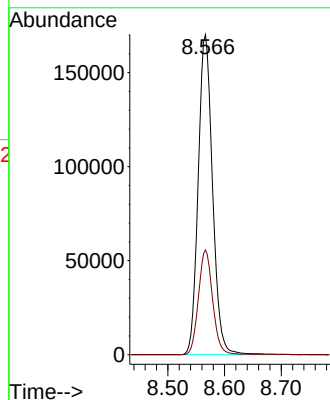
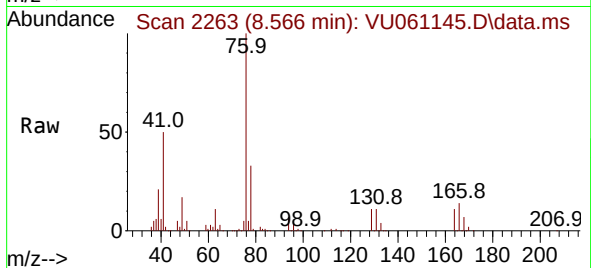
78 32.3 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024

Supervised By :Mahesh Dadoda 10/21/2024



#54

2-Hexanone

Concen: 81.842 ug/l

RT: 8.698 min Scan# 2304

Delta R.T. 0.022 min

Lab File: VU061145.D

Acq: 17 Oct 2024 13:31

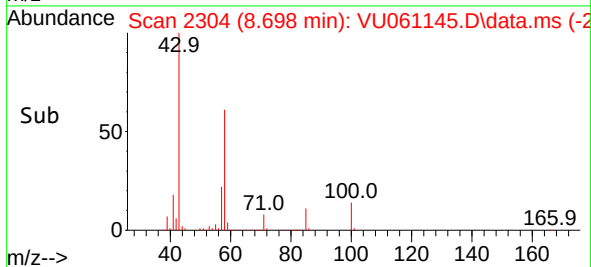
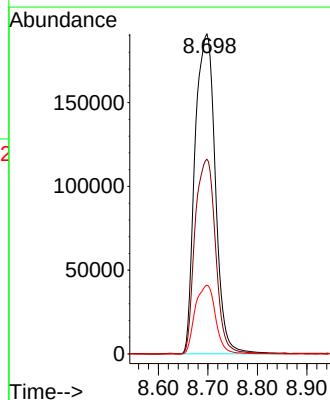
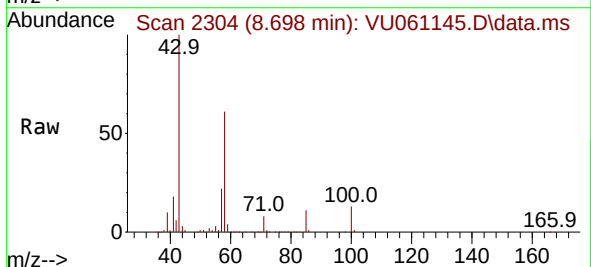
Tgt Ion: 43 Resp: 543549

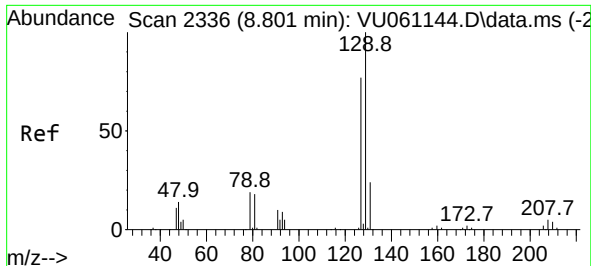
Ion Ratio Lower Upper

43 100

58 61.4 41.8 81.8

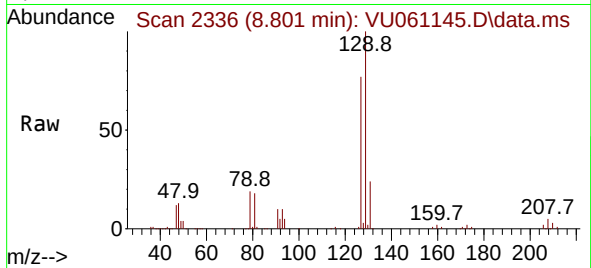
57 21.7 1.4 41.4





#55
Dibromochloromethane
Concen: 16.795 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

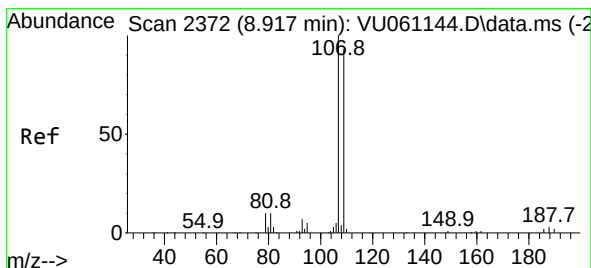
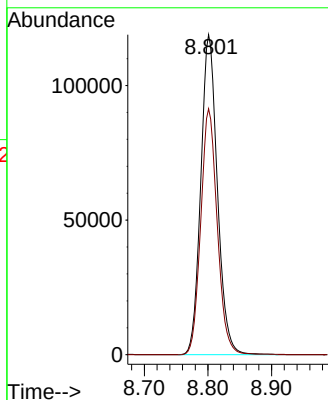
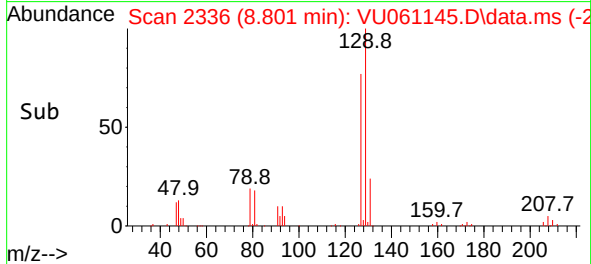
Instrument : MSVOA_U
ClientSampleId : VSTDIC015



Tgt Ion:129 Resp: 21535
Ion Ratio Lower Upper
129 100
127 76.4 61.9 92.9

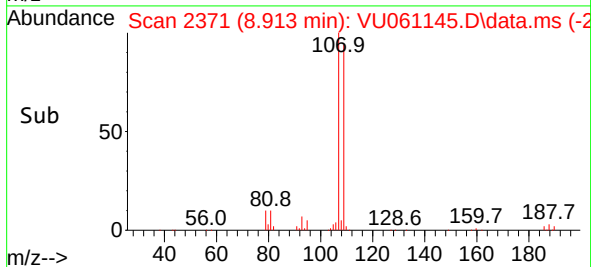
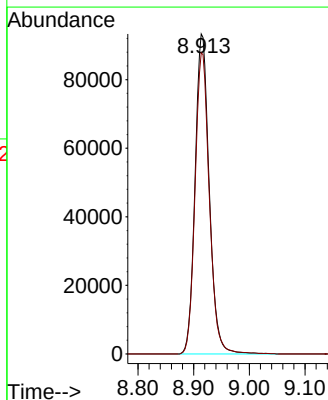
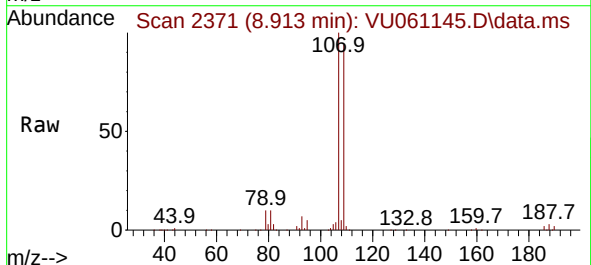
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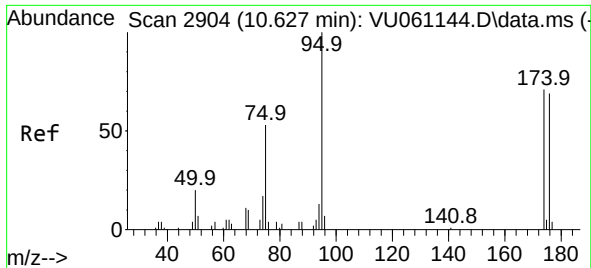
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#56
1,2-Dibromoethane
Concen: 15.862 ug/l
RT: 8.913 min Scan# 2371
Delta R.T. -0.003 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

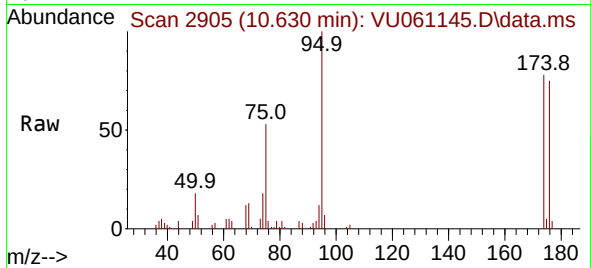
Tgt Ion:107 Resp: 165305
Ion Ratio Lower Upper
107 100
109 94.9 0.0 185.2





#57
4-Bromofluorobenzene
Concen: 1.036 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

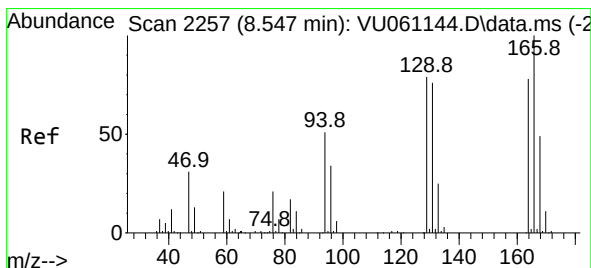
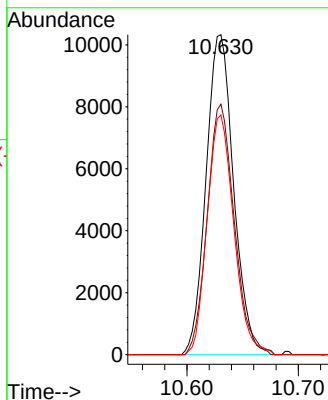
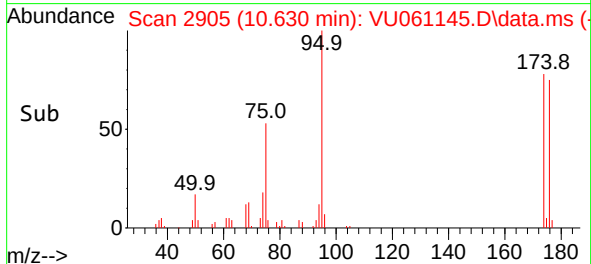
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



Tgt Ion: 95 Resp: 17780
Ion Ratio Lower Upper
95 100
174 76.7 55.4 83.0
176 72.3 54.4 81.6

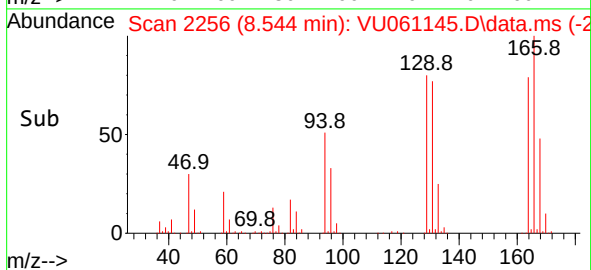
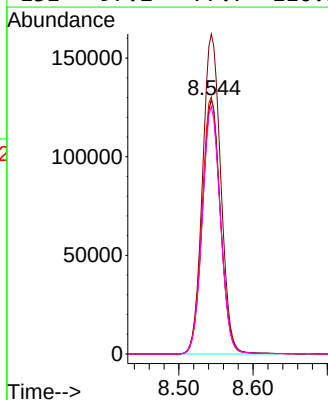
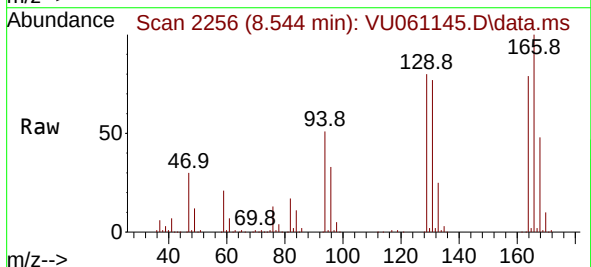
Manual Integrations
APPROVED

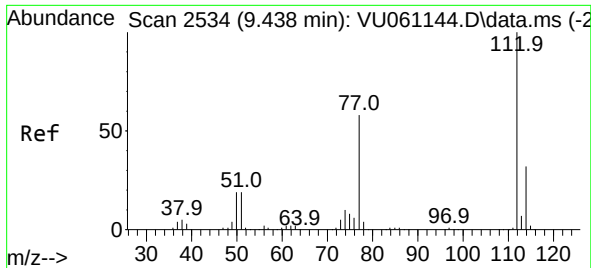
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#58
Tetrachloroethene
Concen: 15.692 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

Tgt Ion:164 Resp: 217785
Ion Ratio Lower Upper
164 100
166 125.8 102.1 153.1
129 101.0 80.6 120.8
131 97.2 77.7 116.5





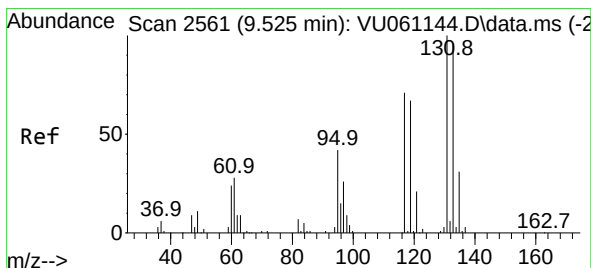
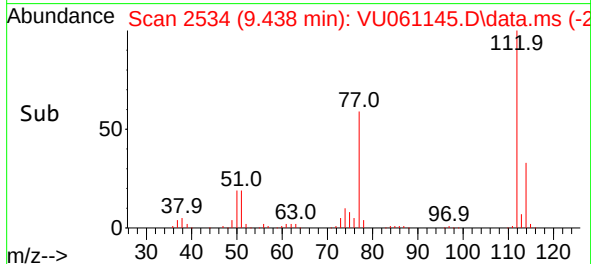
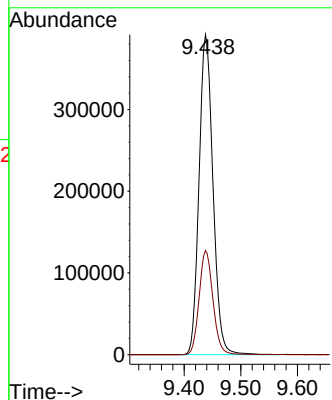
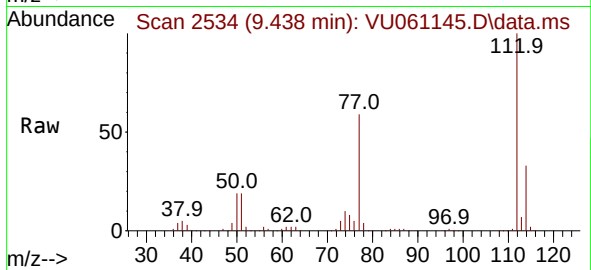
#59
Chlorobenzene
Concen: 15.998 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:112 Resp: 66760
Ion Ratio Lower Upper
112 100
114 32.6 25.4 38.2

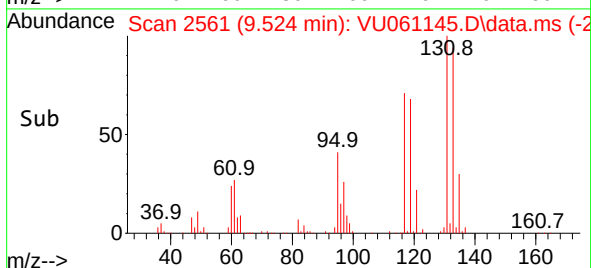
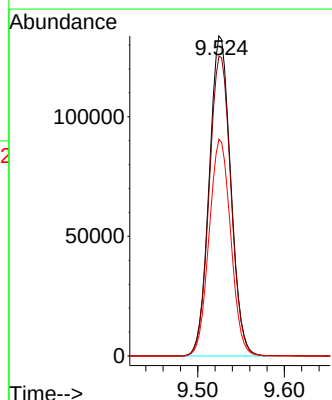
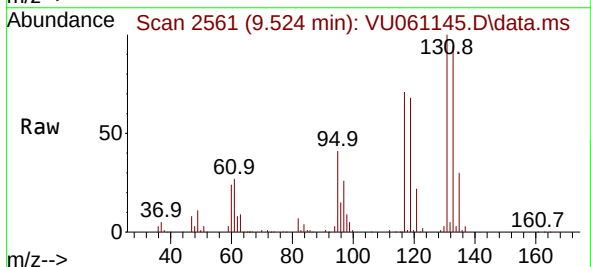
Manual Integrations
APPROVED

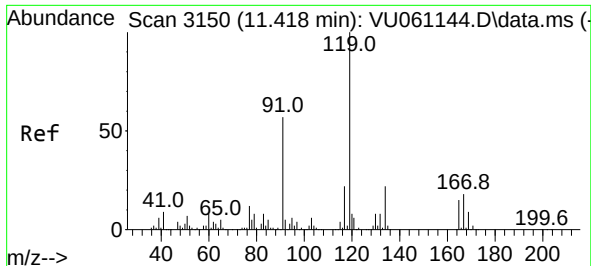
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#60
1,1,1,2-Tetrachloroethane
Concen: 16.373 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

Tgt Ion:131 Resp: 230515
Ion Ratio Lower Upper
131 100
133 94.8 76.8 115.2
119 68.1 54.2 81.2





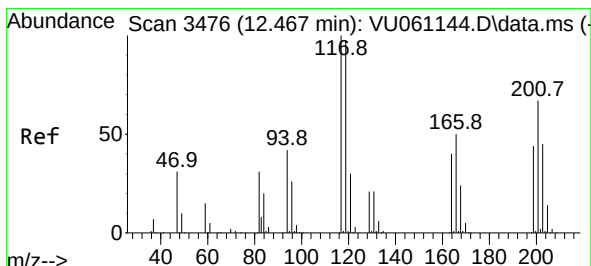
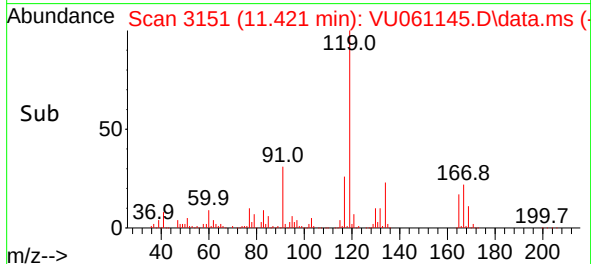
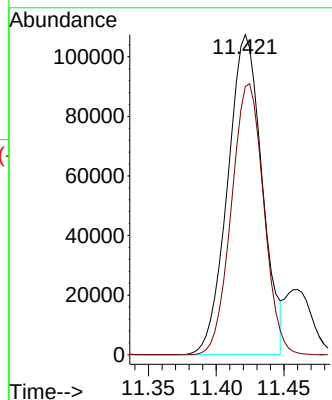
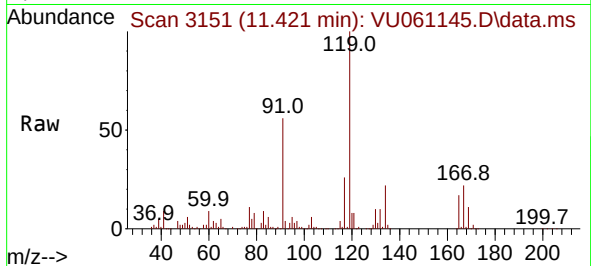
#61
Pentachloroethane
Concen: 17.616 ug/l
RT: 11.421 min Scan# 3150
Delta R.T. 0.003 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:117 Resp: 189799
Ion Ratio Lower Upper
117 100
167 79.4 63.4 95.2

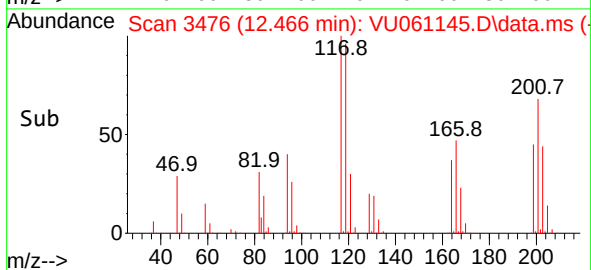
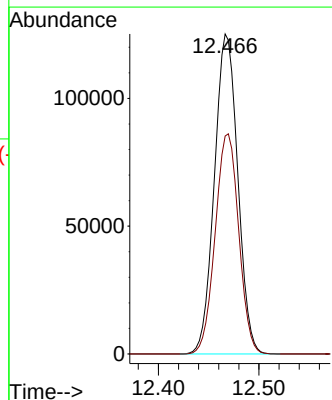
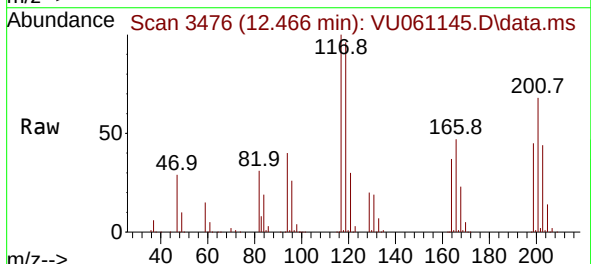
Manual Integrations
APPROVED

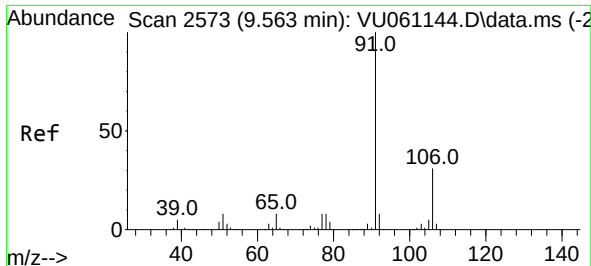
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#62
Hexachloroethane
Concen: 18.215 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. -0.000 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

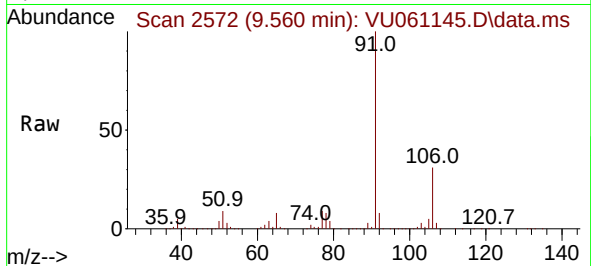
Tgt Ion:117 Resp: 202199
Ion Ratio Lower Upper
117 100
201 69.3 54.3 81.5





#63
Ethyl Benzene
Concen: 16.064 ug/l
RT: 9.560 min Scan# 2573
Delta R.T. -0.003 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

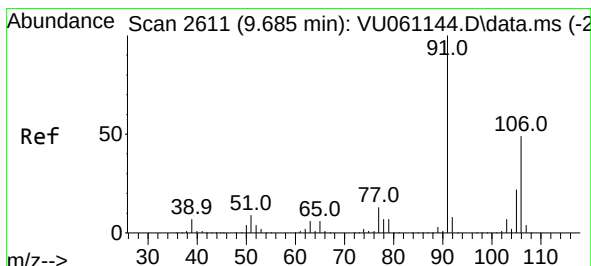
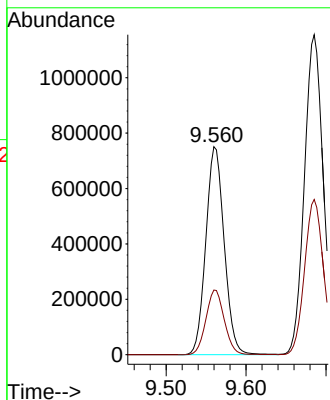
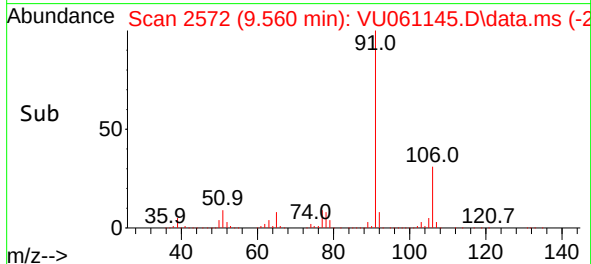
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



Tgt Ion: 91 Resp: 1200948
Ion Ratio Lower Upper
91 100
106 31.1 24.6 37.0

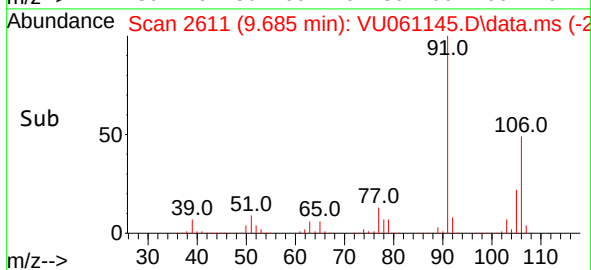
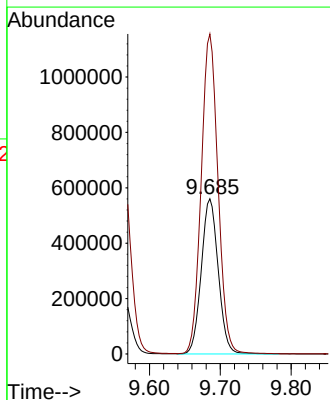
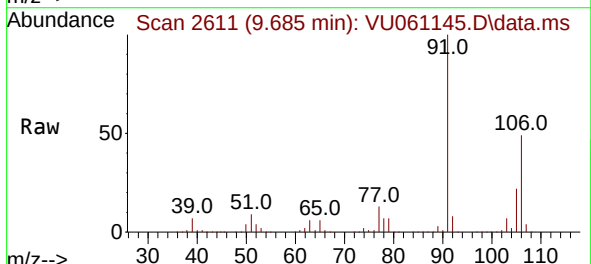
Manual Integrations
APPROVED

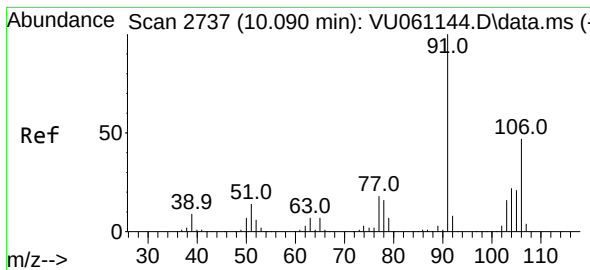
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#64
m/p-Xylenes
Concen: 32.578 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

Tgt Ion:106 Resp: 926949
Ion Ratio Lower Upper
106 100
91 205.5 163.3 244.9





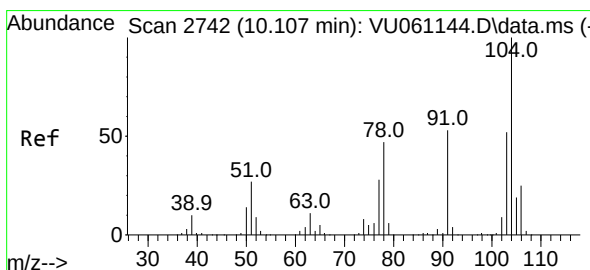
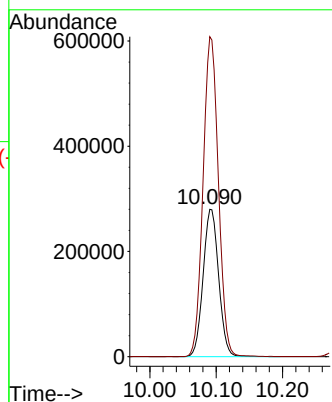
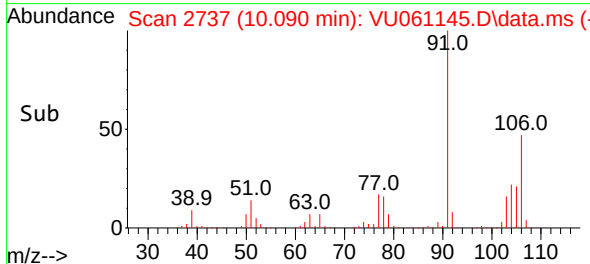
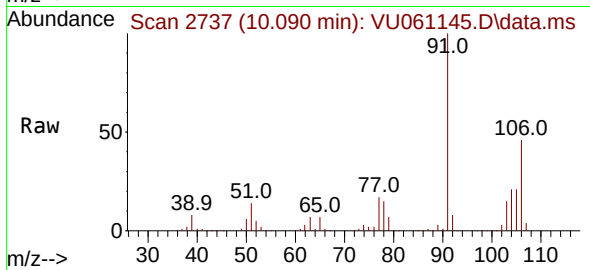
#65
o-Xylene
Concen: 16.254 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

Tgt Ion:106 Resp: 455509
Ion Ratio Lower Upper
106 100
91 214.6 106.9 320.8

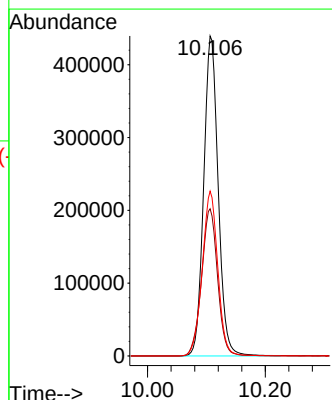
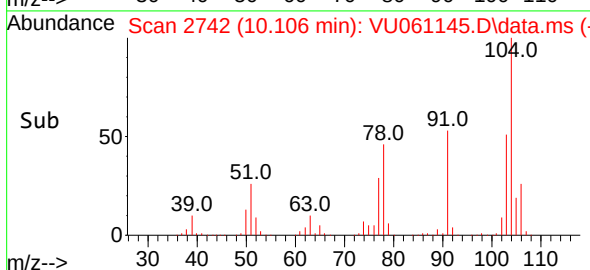
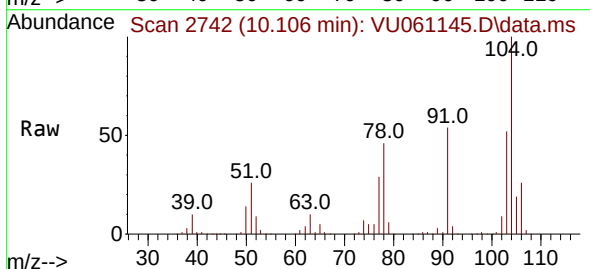
Manual Integrations
APPROVED

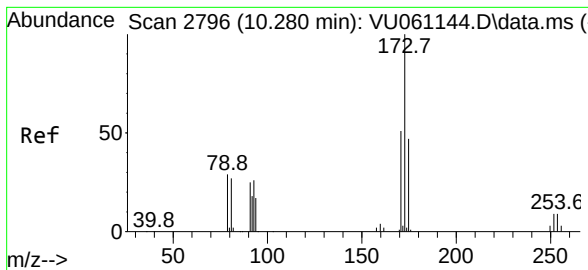
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#66
Styrene
Concen: 17.240 ug/l
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

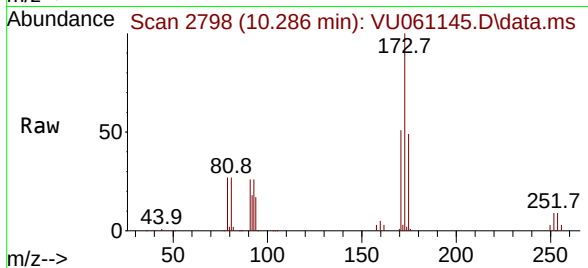
Tgt Ion:104 Resp: 751453
Ion Ratio Lower Upper
104 100
78 50.6 41.6 62.4
103 55.3 45.0 67.6





#67
Bromoform
Concen: 17.484 ug/l
RT: 10.286 min Scan# 2798
Delta R.T. 0.006 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

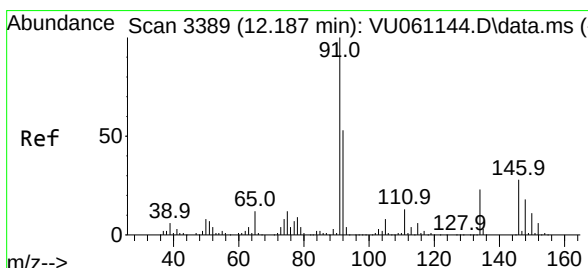
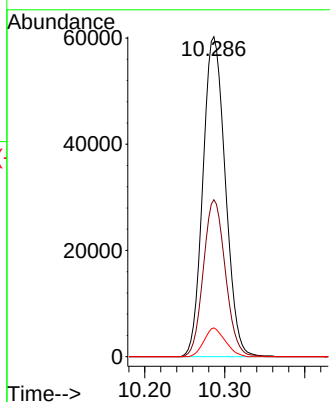
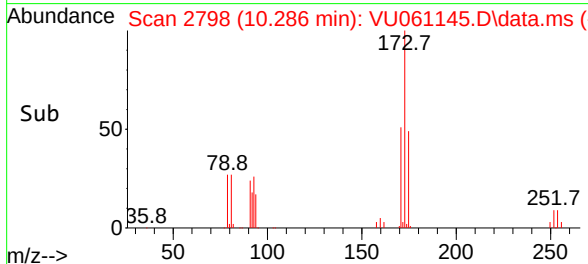
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion:173 Resp: 117398
Ion Ratio Lower Upper
173 100
175 48.2 37.8 56.8
254 8.5 7.0 10.4

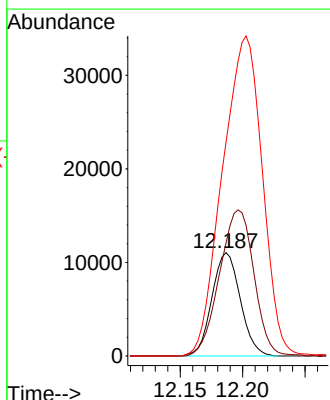
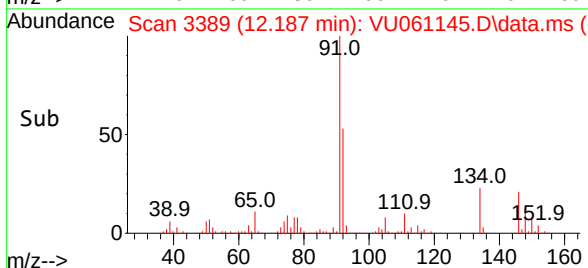
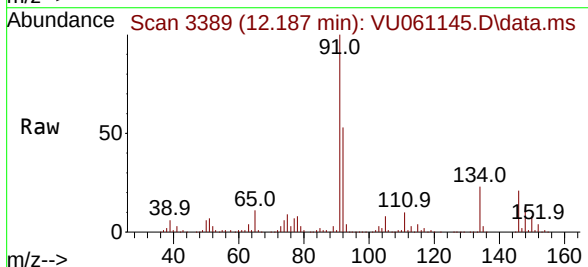
Manual Integrations
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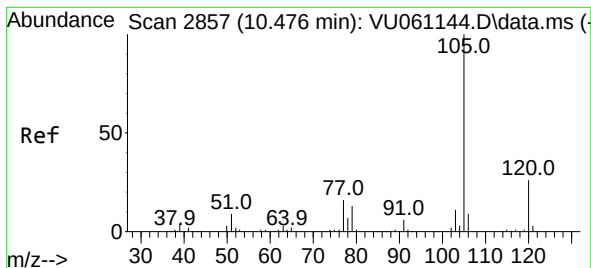
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#68
1,2-Dichlorobenzene-d4
Concen: 1.036 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. -0.000 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

Tgt Ion:152 Resp: 17515
Ion Ratio Lower Upper
152 100
115 171.2 0.0 275.0
150 433.7 0.0 668.8





#69

Isopropylbenzene

Concen: 16.386 ug/l

RT: 10.476 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU061145.D

Acq: 17 Oct 2024 13:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion:105 Resp: 109242

Ion Ratio Lower Upper

105 100

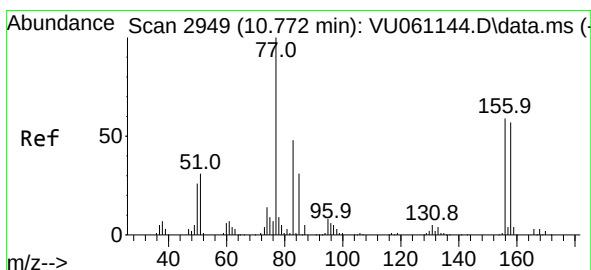
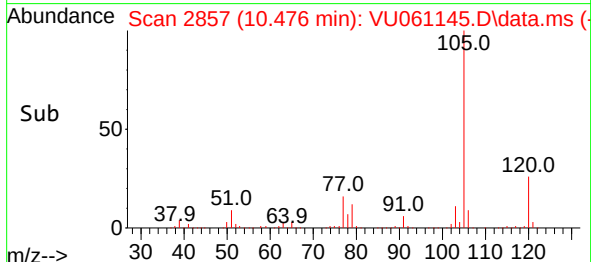
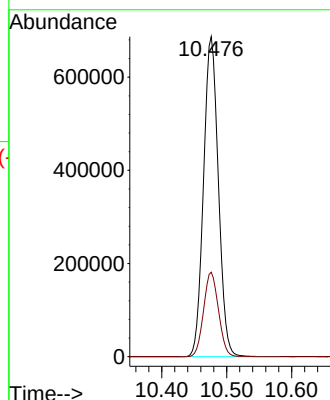
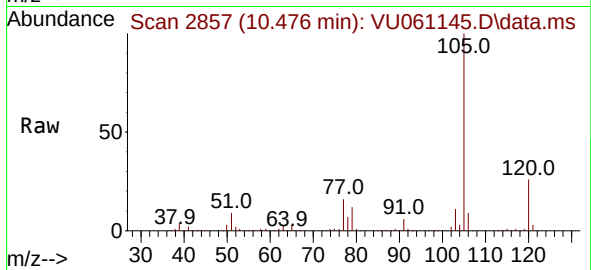
120 26.5 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024

Supervised By :Mahesh Dadoda 10/21/2024



#70

1,1,2,2-Tetrachloroethane

Concen: 16.202 ug/l

RT: 10.778 min Scan# 2951

Delta R.T. 0.006 min

Lab File: VU061145.D

Acq: 17 Oct 2024 13:31

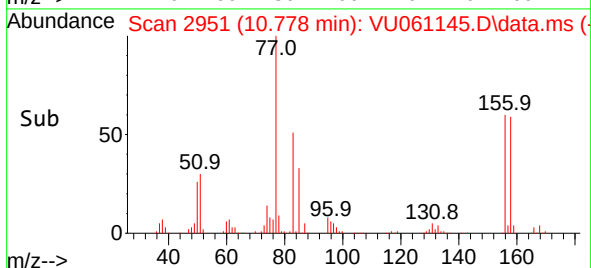
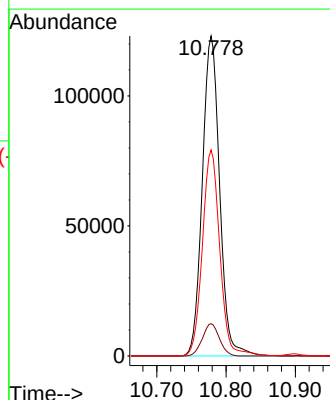
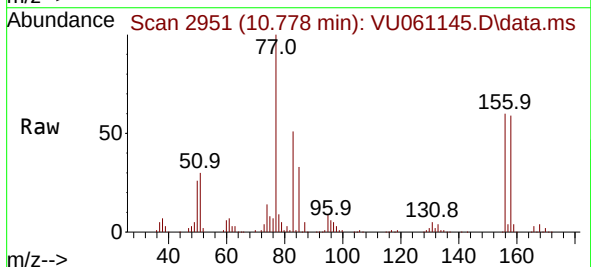
Tgt Ion: 83 Resp: 213749

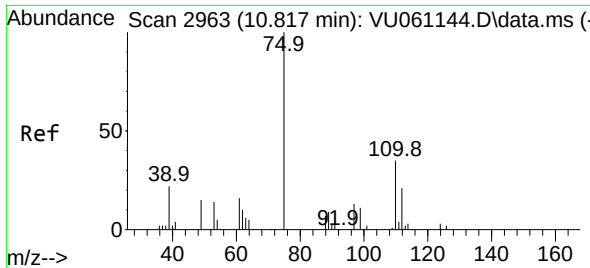
Ion Ratio Lower Upper

83 100

131 9.9 7.8 11.8

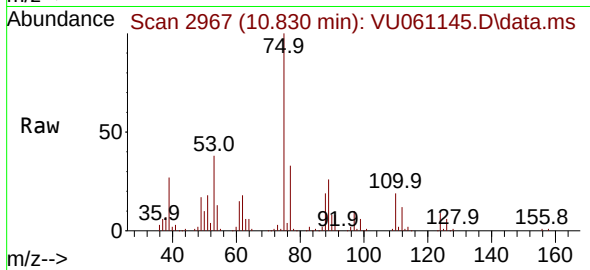
85 64.6 50.8 76.2





#71
1,2,3-Trichloropropane
Concen: 15.218 ug/l m
RT: 10.830 min Scan# 2963
Delta R.T. 0.013 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

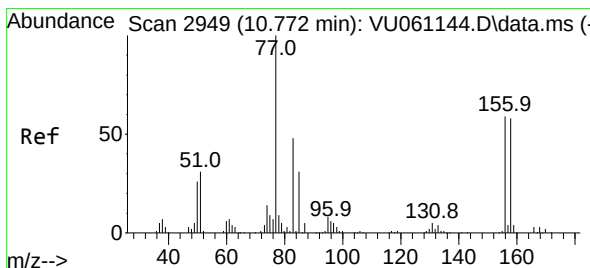
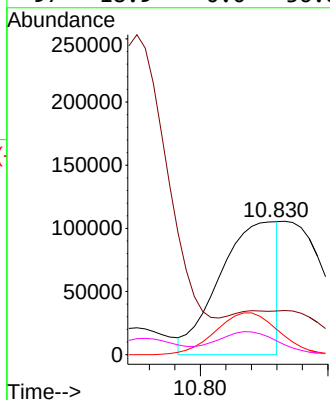
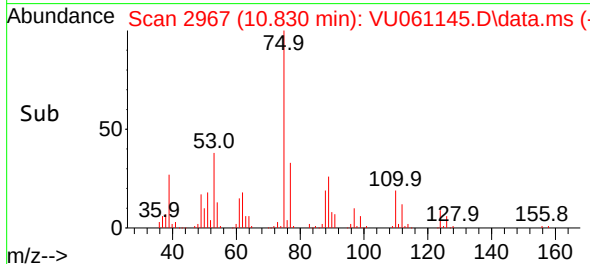
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



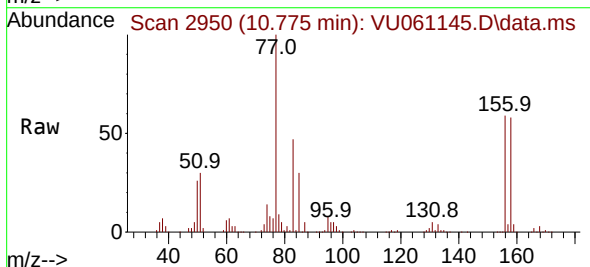
Tgt Ion: 75 Resp: 16490
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 35.0 0.0 68.6
97 18.9 0.0 36.8

Manual Integrations
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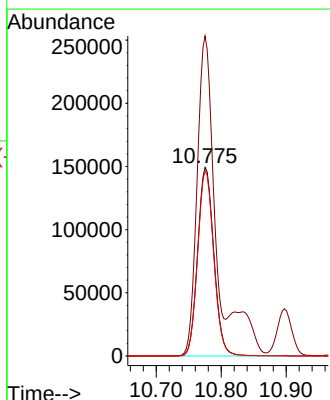
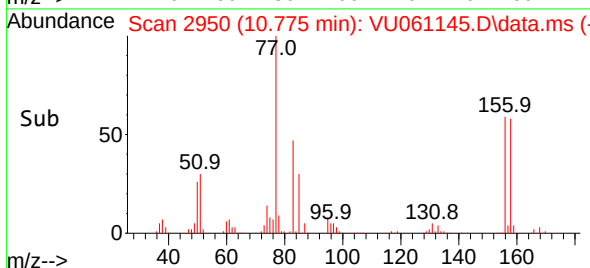
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024

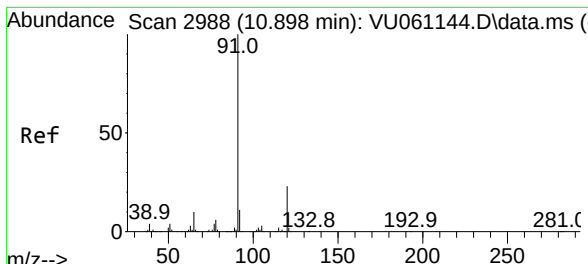


#72
Bromobenzene
Concen: 16.196 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31



Tgt Ion:156 Resp: 259626
Ion Ratio Lower Upper
156 100
77 169.8 0.0 337.2
158 97.4 0.0 192.8





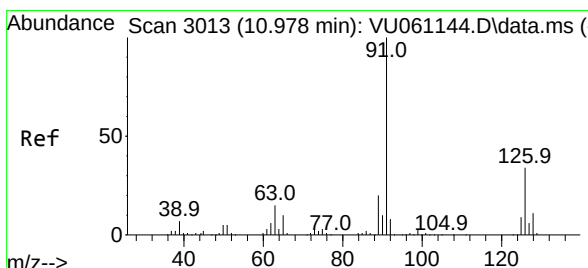
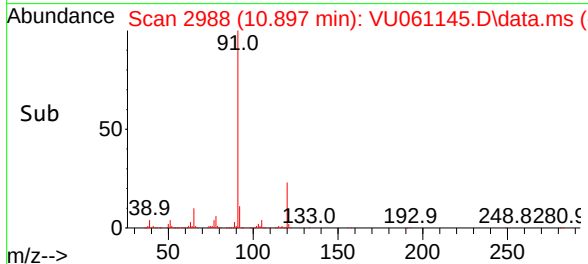
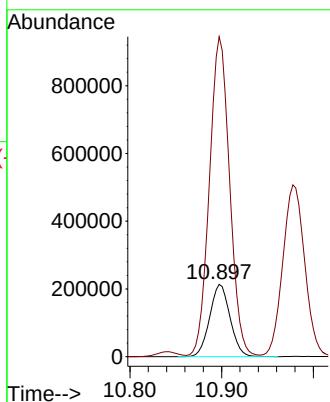
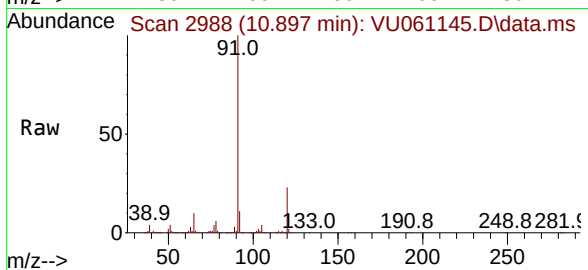
#73
n-propylbenzene
Concen: 16.922 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:120 Resp: 32921
Ion Ratio Lower Upper
120 100
91 435.7 353.6 530.4

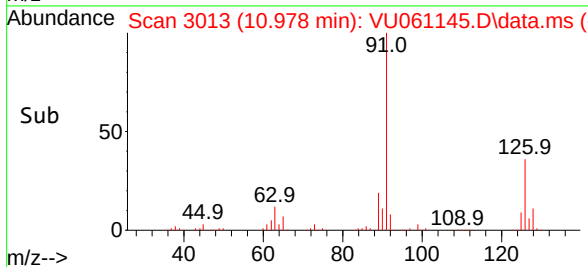
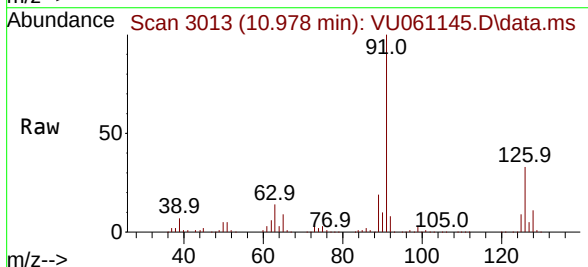
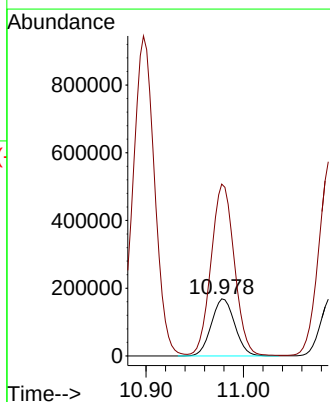
Manual Integrations
APPROVED

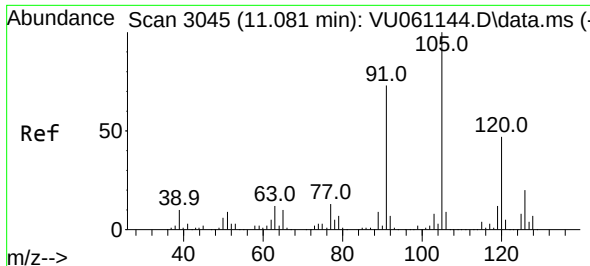
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#74
2-Chlorotoluene
Concen: 16.740 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

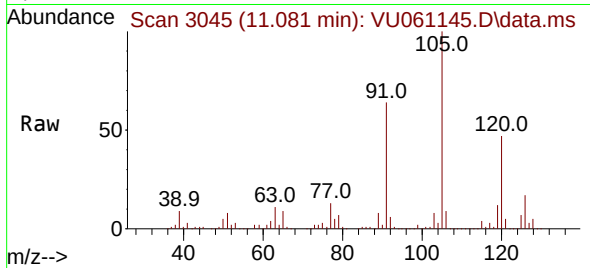
Tgt Ion:126 Resp: 281675
Ion Ratio Lower Upper
126 100
91 296.7 0.0 595.2





#75
1,3,5-Trimethylbenzene
Concen: 16.886 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

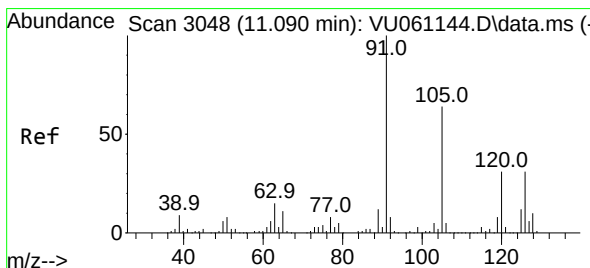
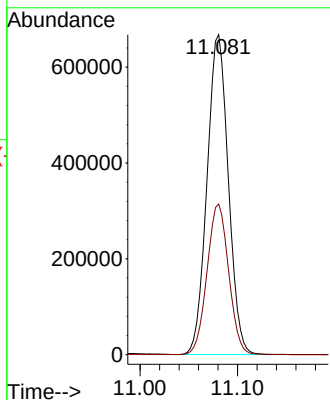
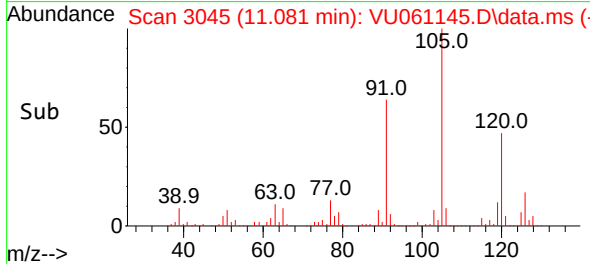
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion:105 Resp: 1015024
Ion Ratio Lower Upper
105 100
120 47.7 38.0 57.0

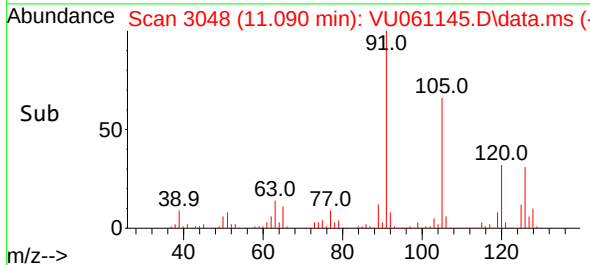
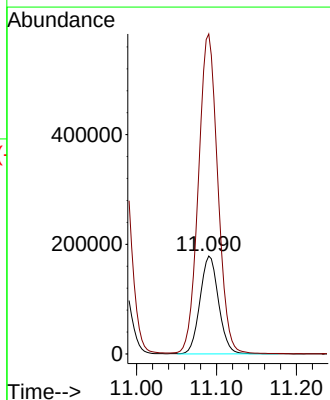
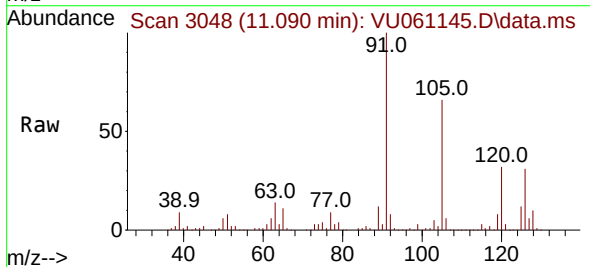
Manual Integrations
APPROVED

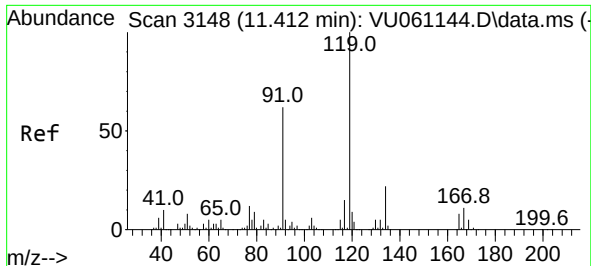
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#76
4-Chlorotoluene
Concen: 16.836 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. -0.000 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

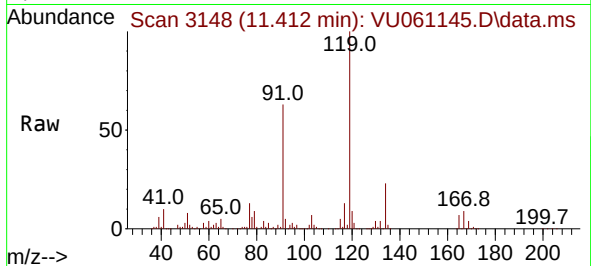
Tgt Ion:126 Resp: 287921
Ion Ratio Lower Upper
126 100
91 342.2 0.0 678.2





#77
tert-Butylbenzene
Concen: 16.879 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

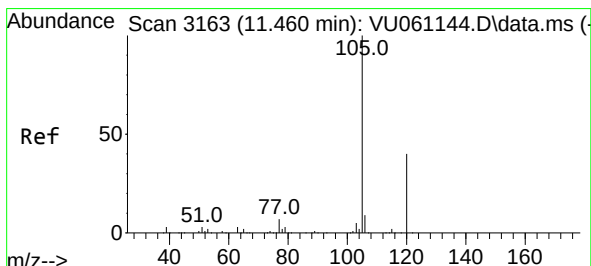
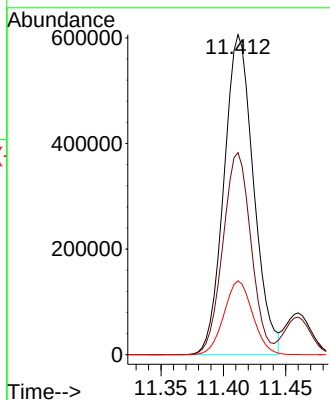
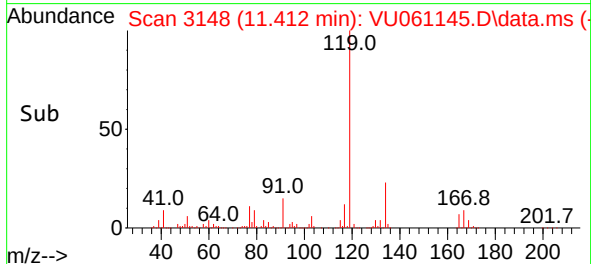
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



Tgt Ion:119 Resp: 1002860
Ion Ratio Lower Upper
119 100
91 60.2 30.1 90.5
134 22.4 17.5 26.3

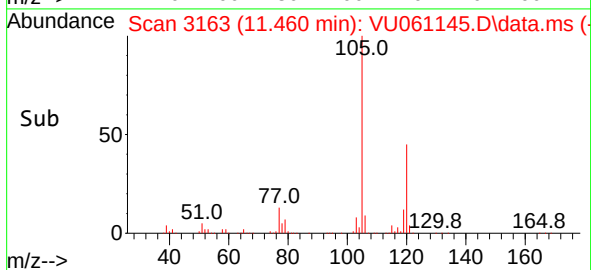
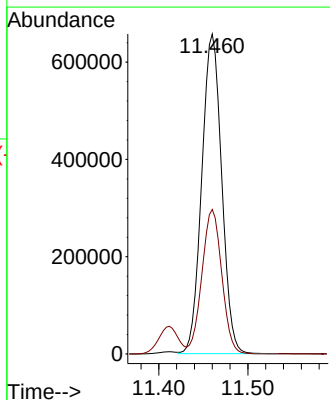
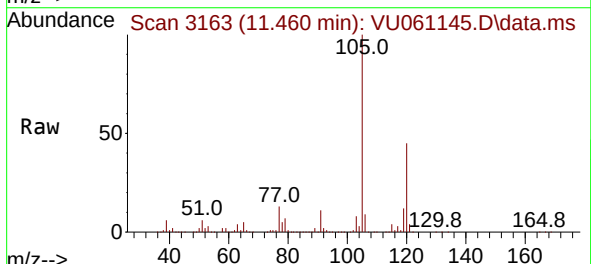
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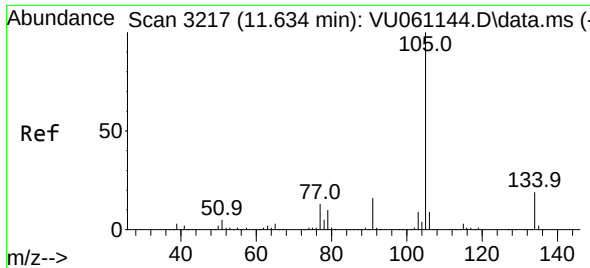
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#78
1,2,4-Trimethylbenzene
Concen: 16.796 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

Tgt Ion:105 Resp: 1019272
Ion Ratio Lower Upper
105 100
120 45.0 22.3 66.9





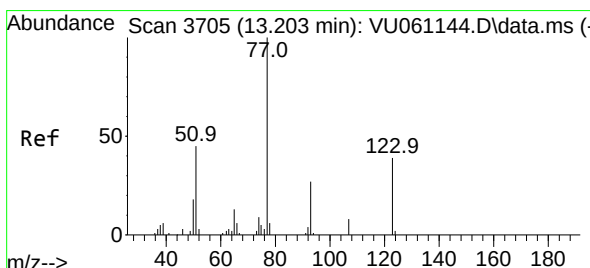
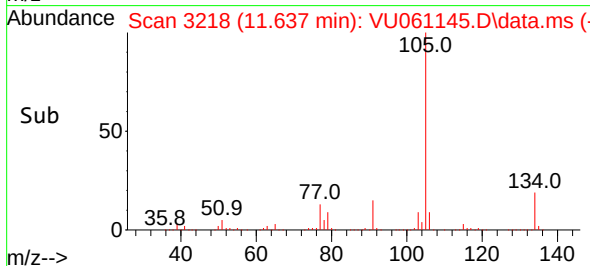
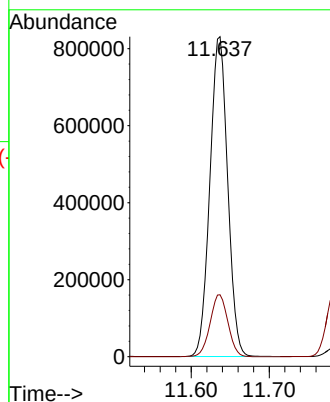
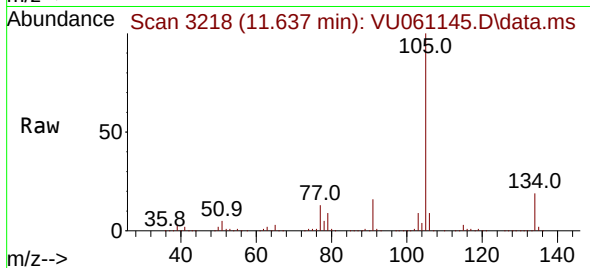
#79
 sec-Butylbenzene
 Concen: 16.978 ug/l
 RT: 11.637 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU061145.D
 Acq: 17 Oct 2024 13:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC015

Tgt Ion:105 Resp: 131371
 Ion Ratio Lower Upper
 105 100
 134 19.5 15.5 23.3

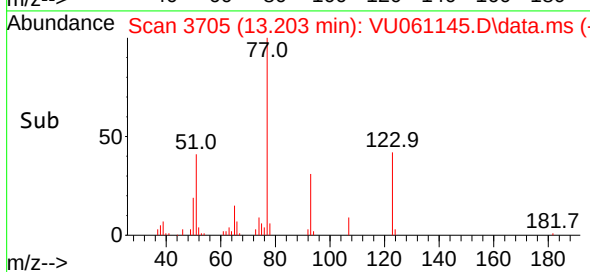
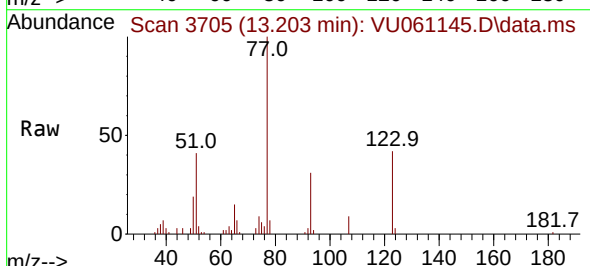
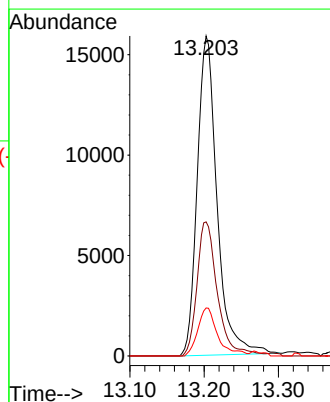
Manual Integrations
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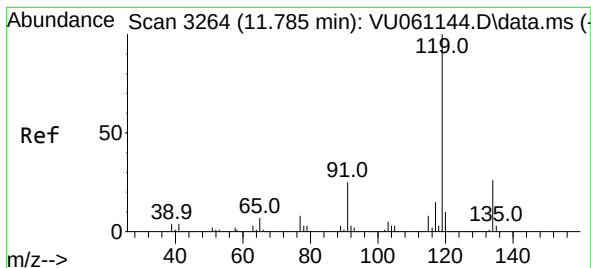
Reviewed By :Semsettin Yesilyurt 10/21/2024
 Supervised By :Mahesh Dadoda 10/21/2024



#80
 Nitrobenzene
 Concen: 75.851 ug/l
 RT: 13.203 min Scan# 3705
 Delta R.T. -0.000 min
 Lab File: VU061145.D
 Acq: 17 Oct 2024 13:31

Tgt Ion: 77 Resp: 29541
 Ion Ratio Lower Upper
 77 100
 123 42.0 15.6 55.2
 65 14.1 10.7 13.7#





#81

p-Isopropyltoluene

Concen: 17.042 ug/l

RT: 11.785 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU061145.D

Acq: 17 Oct 2024 13:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion:119 Resp: 1091714

Ion Ratio Lower Upper

119 100

134 25.9 21.0 31.6

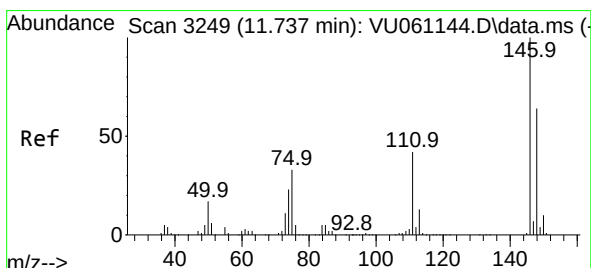
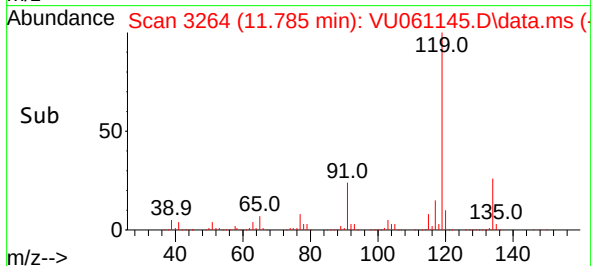
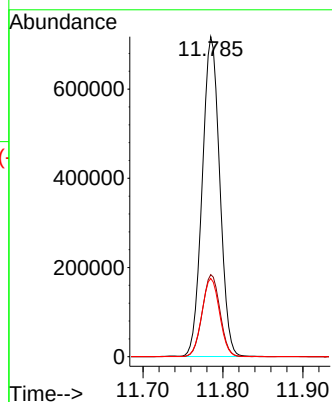
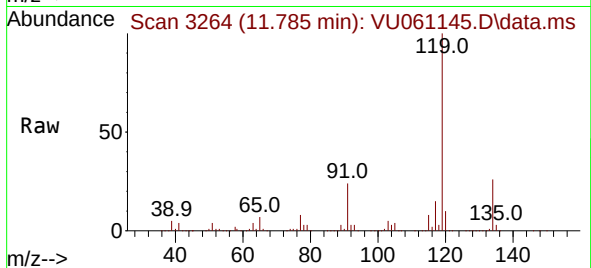
91 24.7 19.8 29.8

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Reviewed By :Semsettin Yesilyurt 10/21/2024

Supervised By :Mahesh Dadoda 10/21/2024



#82

1,3-Dichlorobenzene

Concen: 16.781 ug/l

RT: 11.740 min Scan# 3250

Delta R.T. 0.003 min

Lab File: VU061145.D

Acq: 17 Oct 2024 13:31

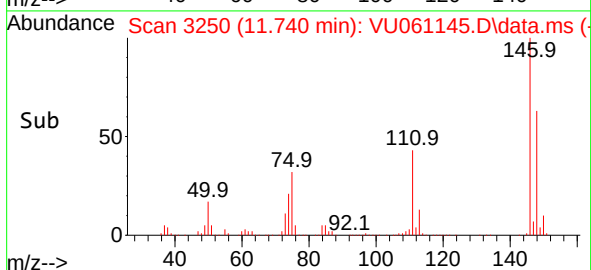
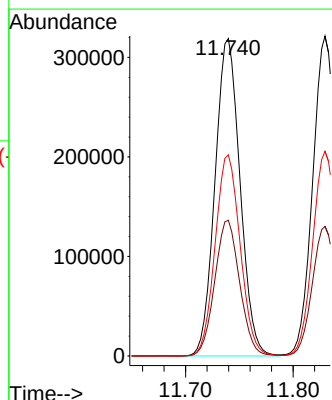
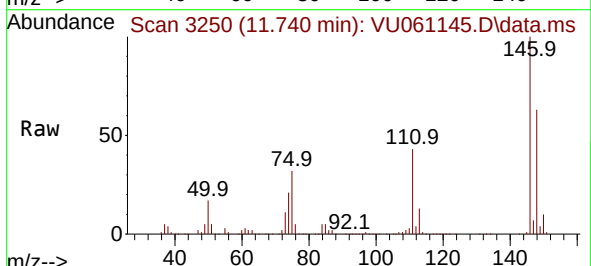
Tgt Ion:146 Resp: 516111

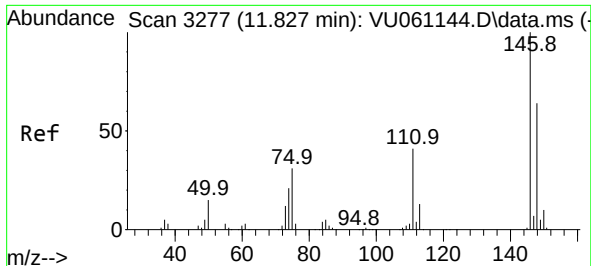
Ion Ratio Lower Upper

146 100

111 42.6 34.1 51.1

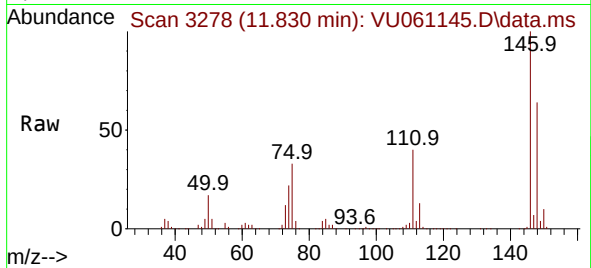
148 63.6 51.2 76.8





#83
1,4-Dichlorobenzene
Concen: 16.793 ug/l
RT: 11.830 min Scan# 3277
Delta R.T. 0.003 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

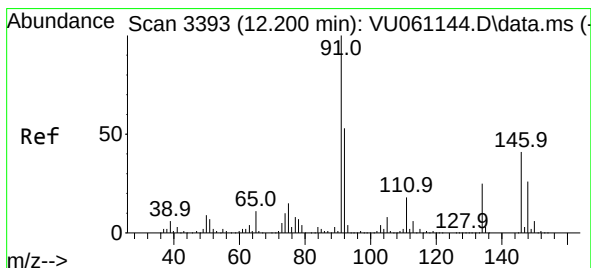
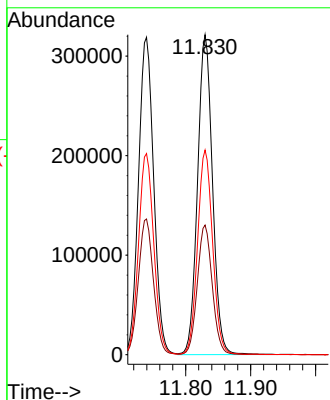
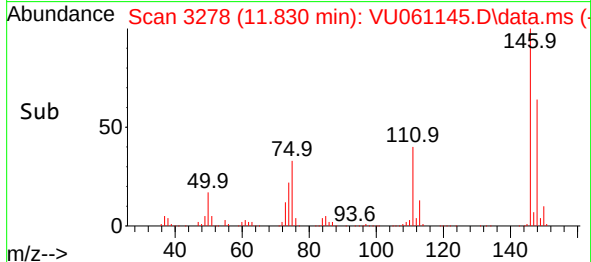
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



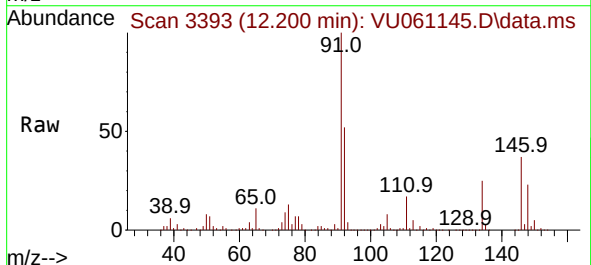
Tgt Ion:146 Resp: 514980
Ion Ratio Lower Upper
146 100
111 40.4 32.1 48.1
148 64.7 50.3 75.5

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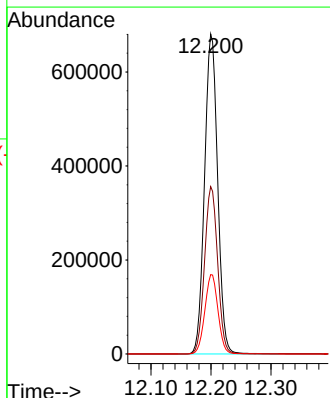
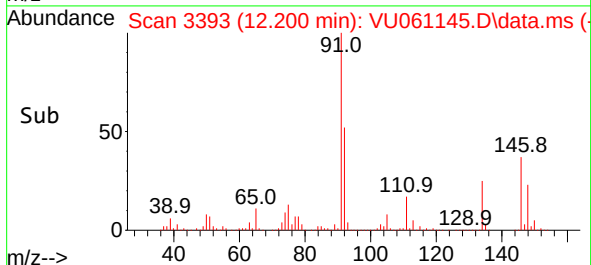
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024

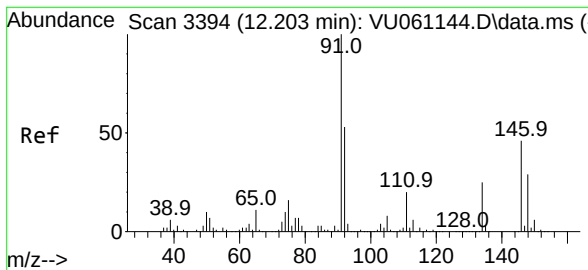


#84
n-Butylbenzene
Concen: 17.410 ug/l
RT: 12.200 min Scan# 3393
Delta R.T. -0.000 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31



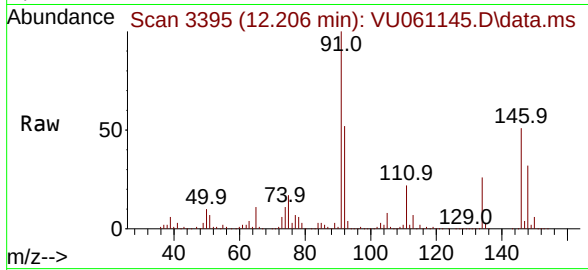
Tgt Ion: 91 Resp: 1034745
Ion Ratio Lower Upper
91 100
92 52.4 41.8 62.8
134 24.9 19.7 29.5





#85
1,2-Dichlorobenzene
Concen: 16.650 ug/l
RT: 12.206 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

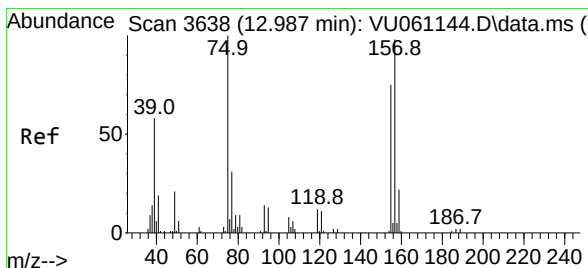
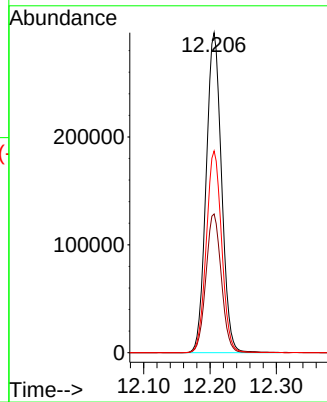
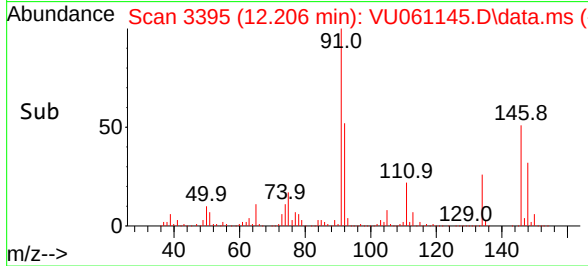
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion:146 Resp: 47877
Ion Ratio Lower Upper
146 100
111 43.4 21.9 65.7
148 63.0 31.9 95.5

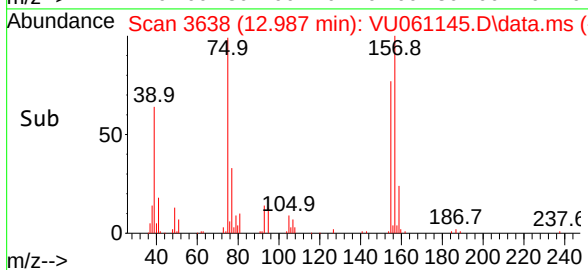
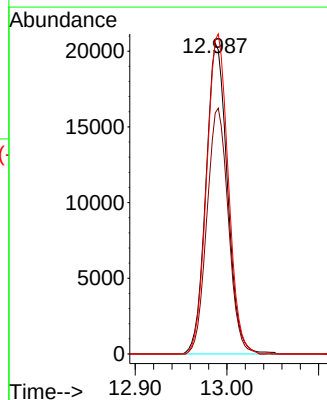
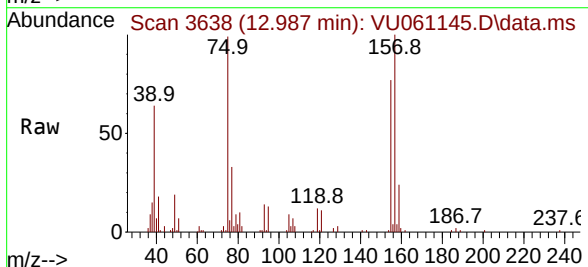
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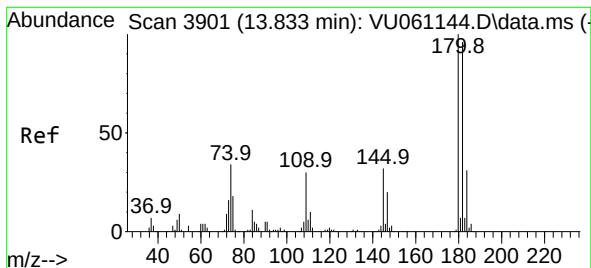
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#86
1,2-Dibromo-3-Chloropropane
Concen: 17.117 ug/l
RT: 12.987 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VU061145.D
Acq: 17 Oct 2024 13:31

Tgt Ion: 75 Resp: 33508
Ion Ratio Lower Upper
75 100
155 78.6 61.4 92.0
157 103.2 78.5 117.7





#87

1,2,4-Trichlorobenzene

Concen: 17.657 ug/l

RT: 13.830 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU061145.D

Acq: 17 Oct 2024 13:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

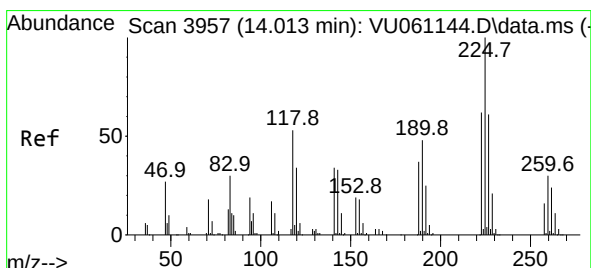
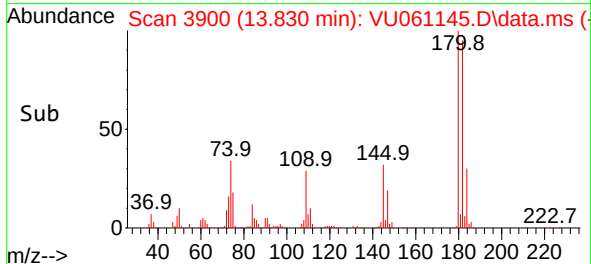
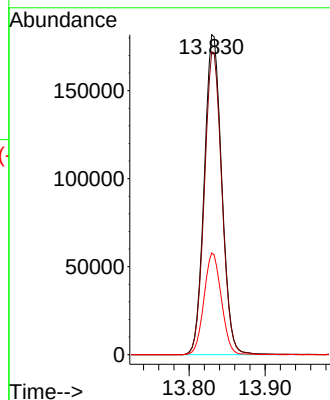
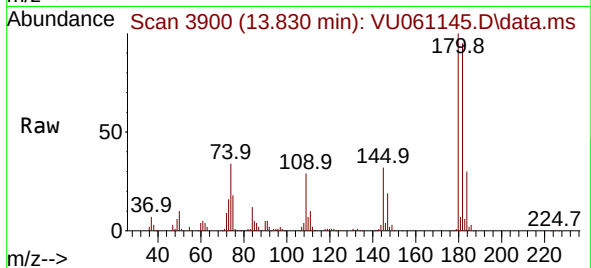
Tgt Ion:180 Resp: 290374

Ion	Ratio	Lower	Upper
180	100		
182	94.7	77.0	115.6
145	31.6	25.7	38.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#88

Hexachlorobutadiene

Concen: 16.797 ug/l

RT: 14.013 min Scan# 3957

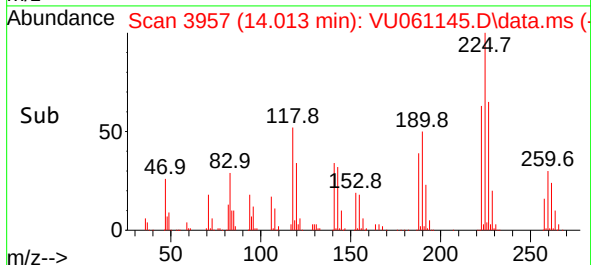
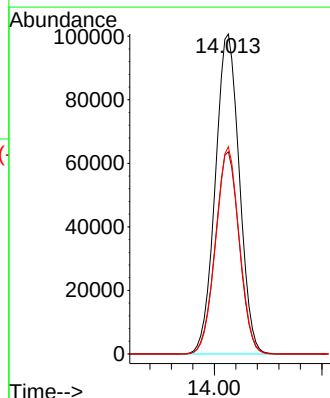
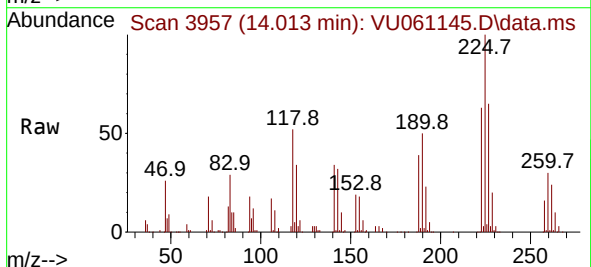
Delta R.T. -0.000 min

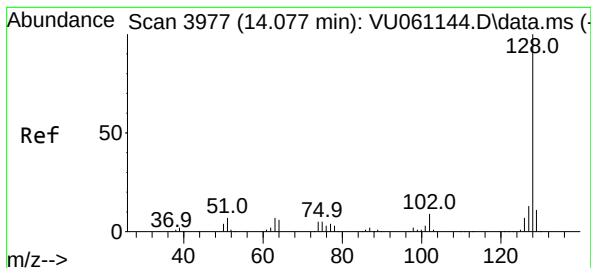
Lab File: VU061145.D

Acq: 17 Oct 2024 13:31

Tgt Ion:225 Resp: 156186

Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.4	77.2
227	63.6	50.3	75.5





#89

Naphthalene

Concen: 18.105 ug/l

RT: 14.077 min Scan# 3977

Delta R.T. -0.000 min

Lab File: VU061145.D

Acq: 17 Oct 2024 13:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

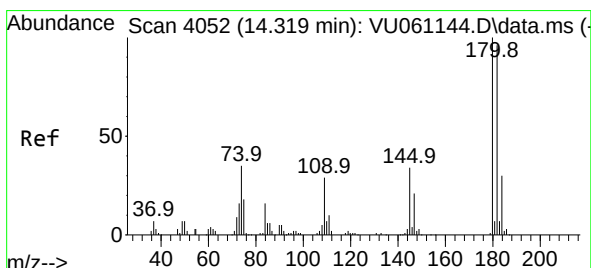
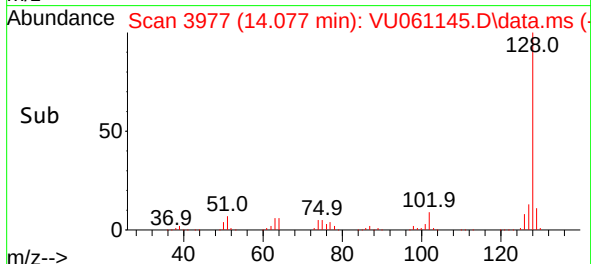
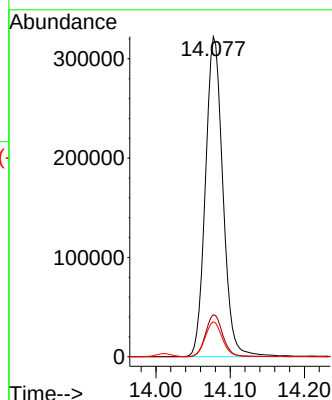
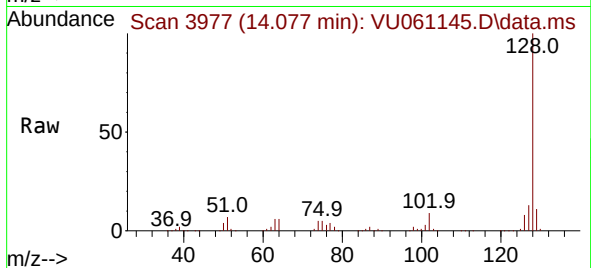
Tgt Ion:128 Resp: 52540

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	10.8	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#90

1,2,3-Trichlorobenzene

Concen: 17.392 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. 0.003 min

Lab File: VU061145.D

Acq: 17 Oct 2024 13:31

Tgt Ion:180 Resp: 256960

Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.2	114.4
145	33.6	26.8	40.2

