

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080524\
 Data File : VU060307.D
 Acq On : 05 Aug 2024 11:36
 Operator : MD/SY
 Sample : VSTDICC002
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC002

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/09/2024
 Supervised By :Semsettin Yesilyurt 08/09/2024

Quant Time: Aug 06 05:32:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Aug 06 05:30:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.107	96	34060	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	11435	0.985	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	12635	1.002	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	25362	1.936	ug/l	100
3) Chloromethane	1.522	50	29105	1.943	ug/l	100
4) Vinyl Chloride	1.602	62	28066	1.874	ug/l	100
5) Bromomethane	1.856	94	17613	1.914	ug/l	99
6) Chloroethane	1.930	64	16531	1.824	ug/l	95
7) Trichlorofluoromethane	2.132	101	34431	1.906	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	19011	1.934	ug/l	100
9) 1,1-Dichloroethene	2.576	96	19135	1.879	ug/l	98
10) Iodomethane	2.714	142	28126	1.887	ug/l	98
11) Allyl Chloride	2.917	41	26130	1.872	ug/l	98
12) Acrylonitrile	3.319	53	11042	4.150	ug/l	98
13) Acetone	2.647	43	25987	7.684	ug/l	99
14) Carbon Disulfide	2.785	76	65695	1.903	ug/l	99
15) Methylene Chloride	3.036	84	24167	1.896	ug/l	98
16) trans-1,2-Dichloroethene	3.345	96	20900	1.916	ug/l	96
17) 1,1-Dichloroethane	3.859	63	40469	1.929	ug/l	98
18) 2-Butanone	4.730	43	34190	9.159	ug/l	99
19) Cyclohexane	5.370	56	34187m	1.891	ug/l	
20) Methylcyclohexane	6.753	83	24354	1.697	ug/l	97
21) 2,2-Dichloropropane	4.650	77	31265	1.914	ug/l	98
22) cis-1,2-Dichloroethene	4.656	96	22020	1.884	ug/l	96
23) Diethyl Ether	2.370	59	16105	1.946	ug/l	98
24) tert-Butyl Alcohol	3.248	59	21654m	19.973	ug/l	
25) Methyl tert-Butyl Ether	3.364	73	49278	1.971	ug/l	96
26) Bromochloromethane	4.962	128	9564	1.932	ug/l	99
27) Chloroform	5.081	83	39488	1.924	ug/l	95
28) 1,1,1-Trichloroethane	5.303	97	32802	1.924	ug/l	97
29) 1,1-Dichloropropene	5.512	75	25480	1.865	ug/l	99
30) Carbon Tetrachloride	5.509	117	26861	1.933	ug/l	100
31) Isopropyl Ether	3.994	45	57571	1.877	ug/l	99
32) Ethyl-t-butyl ether	4.505	59	57051	1.925	ug/l	100
33) Tert-Amyl methyl ether	5.946	73	37571	1.786	ug/l	99
34) Propionitrile	4.808	54	10998	10.469	ug/l #	97
35) Benzene	5.763	78	78926	1.875	ug/l	99
36) 1,2-Dichloroethane	5.788	62	23225	1.985	ug/l	97
37) Trichloroethene	6.534	130	19504	1.871	ug/l	100
38) 1,2-Dichloropropane	6.788	63	21755	1.910	ug/l	96
39) Methacrylonitrile	4.981	41	7645	1.980	ug/l	93
40) Methyl acrylate	4.853	55	13467	1.992	ug/l #	89
41) Tetrahydrofuran	5.071	42	8064	3.835	ug/l	97
42) 1-Chlorobutane	5.444	56	36578	1.942	ug/l	98
43) Dibromomethane	6.917	93	10762	1.868	ug/l	94
44) Bromodichloromethane	7.103	83	26464	1.913	ug/l	98

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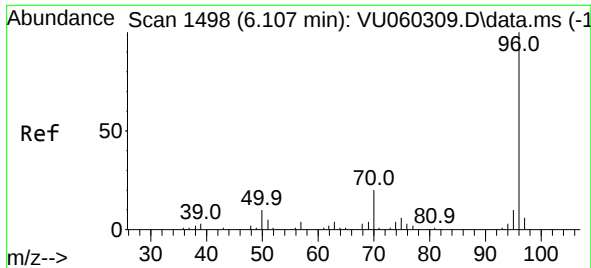
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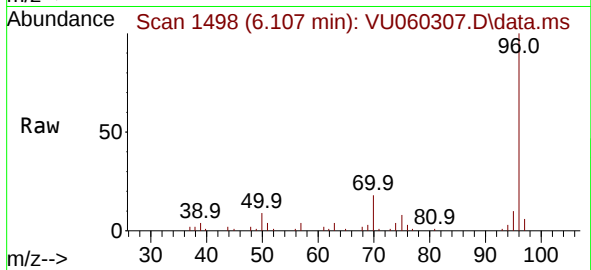
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.798	43	50594	9.353	ug/l	95
46) t-1,4-Dichloro-2-butene	10.827	75	11816m	3.990	ug/l	
47) Methyl methacrylate	6.968	69	17751	3.797	ug/l	99
48) Ethyl methacrylate	8.335	69	13760	1.734	ug/l	98
49) Toluene	7.965	92	42096	1.803	ug/l	99
50) t-1,3-Dichloropropene	8.206	75	21740	1.904	ug/l	95
51) cis-1,3-Dichloropropene	7.605	75	25888	1.885	ug/l	97
52) 1,1,2-Trichloroethane	8.396	97	17202	2.034	ug/l	94
53) 1,3-Dichloropropane	8.573	76	26134	1.937	ug/l	98
54) 2-Hexanone	8.688	43	36509	8.708	ug/l	96
55) Dibromochloromethane	8.807	129	17475	1.884	ug/l	97
56) 1,2-Dibromoethane	8.920	107	14129	1.863	ug/l	95
58) Tetrachloroethene	8.547	164	17452	1.874	ug/l	98
59) Chlorobenzene	9.444	112	46023	1.821	ug/l	95
60) 1,1,1,2-Tetrachloroethane	9.528	131	18574	1.865	ug/l	99
61) Pentachloroethane	11.418	117	15986	1.880	ug/l	97
62) Hexachloroethane	12.470	117	15442	1.878	ug/l	100
63) Ethyl Benzene	9.563	91	67229	1.803	ug/l	99
64) m/p-Xylenes	9.688	106	53207	3.497	ug/l	97
65) o-Xylene	10.094	106	26331	1.807	ug/l	99
66) Styrene	10.110	104	42670	1.754	ug/l	99
67) Bromoform	10.286	173	10652	1.961	ug/l #	98
69) Isopropylbenzene	10.479	105	66691	1.808	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.778	83	22404	1.991	ug/l	98
71) 1,2,3-Trichloropropane	10.820	75	15611m	1.942	ug/l	
72) Bromobenzene	10.778	156	19155	1.846	ug/l	99
73) n-propylbenzene	10.901	120	18184	1.753	ug/l	96
74) 2-Chlorotoluene	10.981	126	18439	1.793	ug/l	100
75) 1,3,5-Trimethylbenzene	11.084	105	58079	1.761	ug/l	100
76) 4-Chlorotoluene	11.094	126	18705	1.762	ug/l	98
77) tert-Butylbenzene	11.415	119	57923	1.823	ug/l	99
78) 1,2,4-Trimethylbenzene	11.463	105	60009	1.783	ug/l	99
79) sec-Butylbenzene	11.637	105	77773	1.801	ug/l	99
80) Nitrobenzene	13.212	77	5192	10.295	ug/l #	94
81) p-Isopropyltoluene	11.788	119	59589	1.754	ug/l	98
82) 1,3-Dichlorobenzene	11.740	146	41489	1.916	ug/l	98
83) 1,4-Dichlorobenzene	11.830	146	40391	1.879	ug/l	100
84) n-Butylbenzene	12.203	91	57870	1.749	ug/l	99
85) 1,2-Dichlorobenzene	12.206	146	38803	1.853	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.991	75	3221	1.974	ug/l	96
87) 1,2,4-Trichlorobenzene	13.836	180	21731	1.814	ug/l	97
88) Hexachlorobutadiene	14.016	225	13854	1.789	ug/l	97
89) Naphthalene	14.084	128	34635	1.863	ug/l	99
90) 1,2,3-Trichlorobenzene	14.325	180	20316	1.737	ug/l	98

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 1498
Delta R.T. -0.000 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

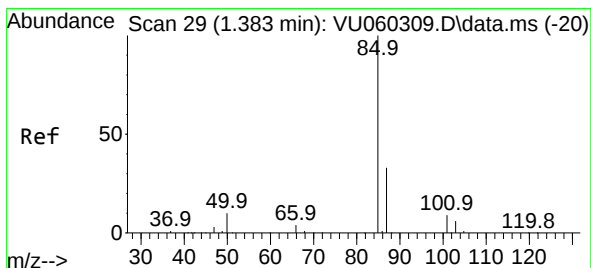
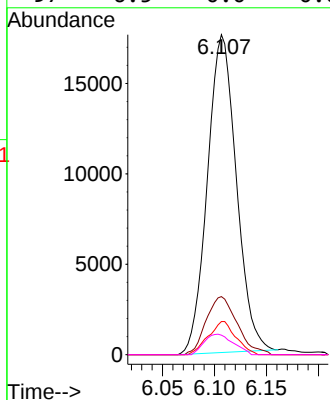
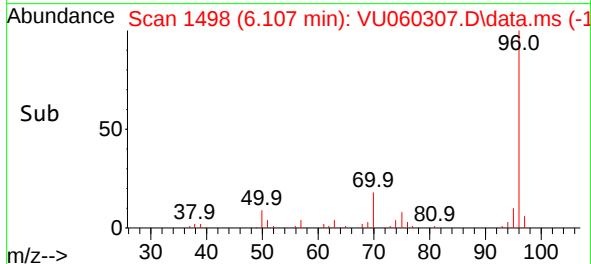
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion	Ratio	Lower	Upper
96	100		
70	19.6	17.2	25.8
95	9.9	7.9	11.9
97	6.5	0.0	0.0

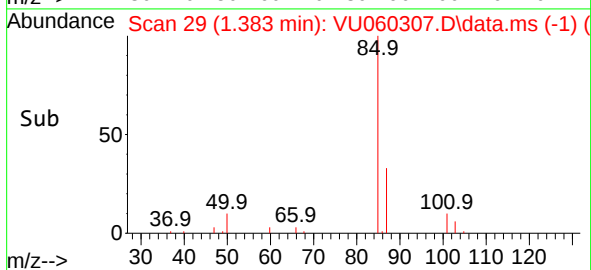
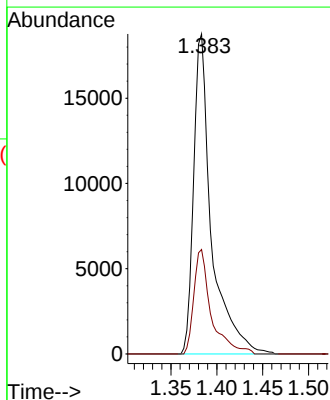
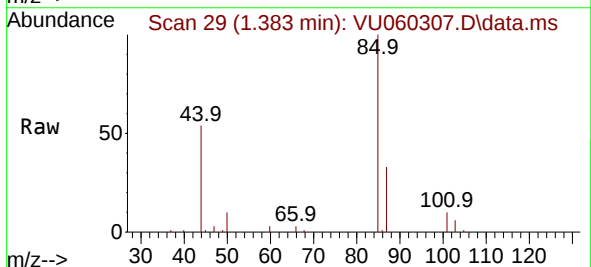
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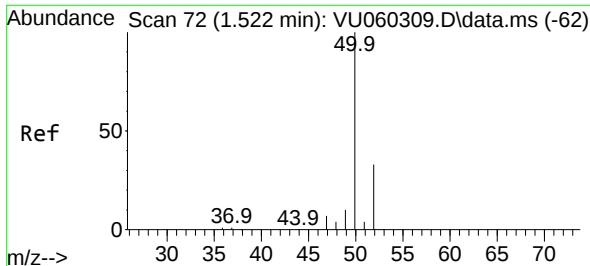
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024



#2
Dichlorodifluoromethane
Concen: 1.936 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

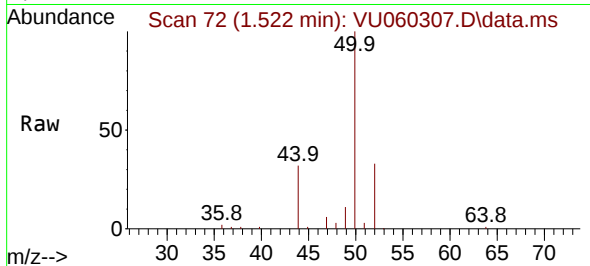
Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.7	16.3	48.9





#3
Chloromethane
Concen: 1.943 ug/l
RT: 1.522 min Scan# 72
Delta R.T. -0.000 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

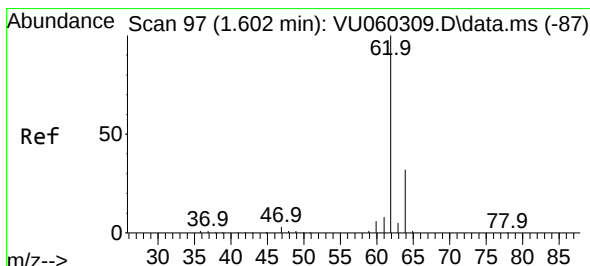
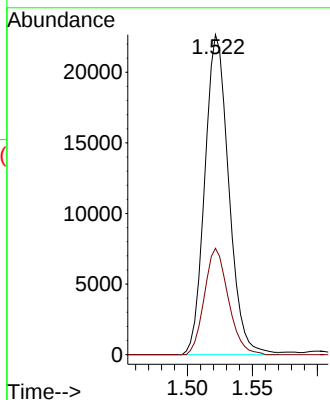
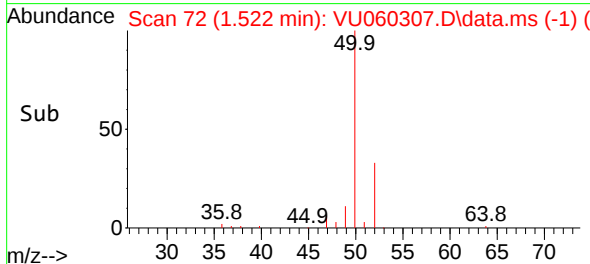
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 50 Resp: 2910
Ion Ratio Lower Upper
50 100
52 33.3 26.5 39.7

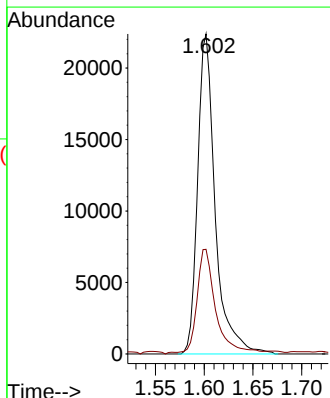
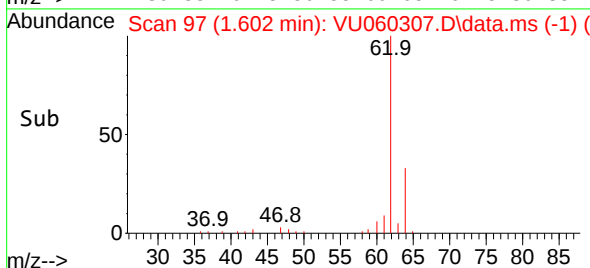
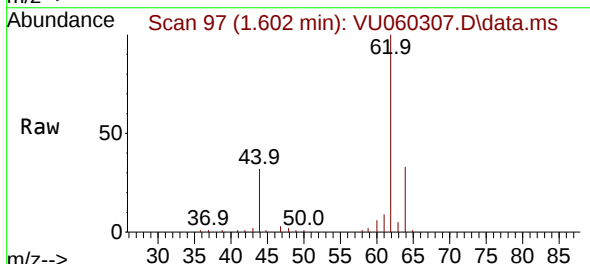
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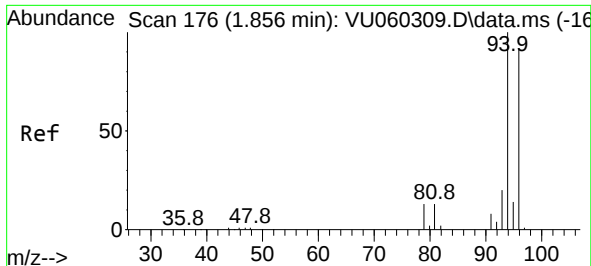
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024



#4
Vinyl Chloride
Concen: 1.874 ug/l
RT: 1.602 min Scan# 97
Delta R.T. -0.000 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

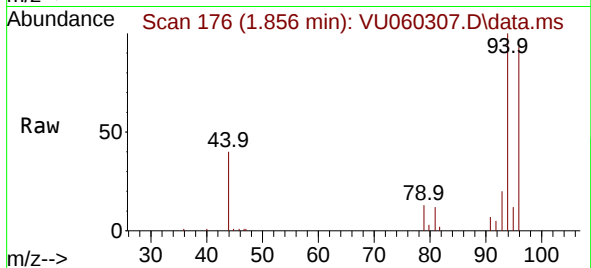
Tgt Ion: 62 Resp: 28066
Ion Ratio Lower Upper
62 100
64 32.2 25.8 38.6





#5
Bromomethane
Concen: 1.914 ug/l
RT: 1.856 min Scan# 176
Delta R.T. -0.000 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

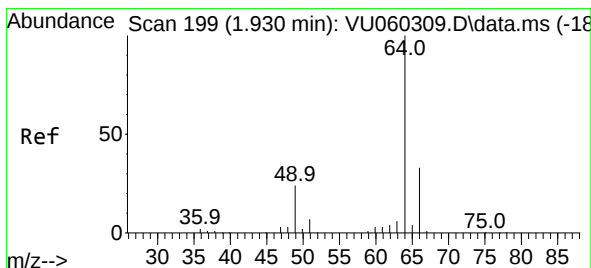
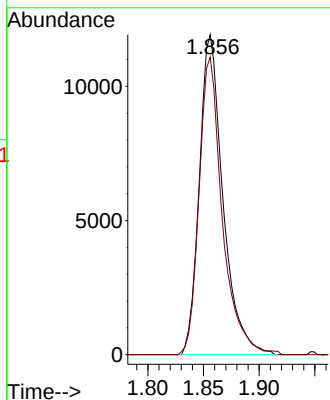
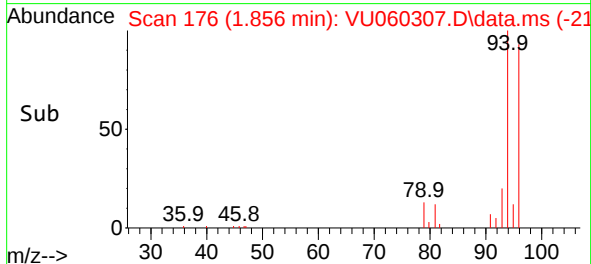
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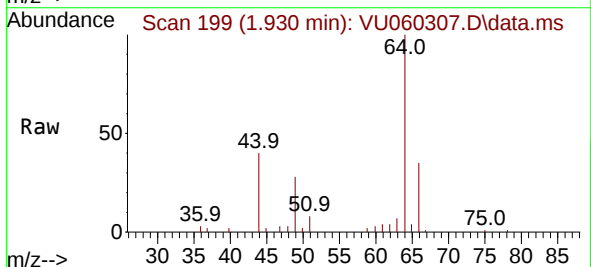
Tgt Ion: 94 Resp: 1761
Ion Ratio Lower Upper
94 100
96 93.0 73.8 110.8

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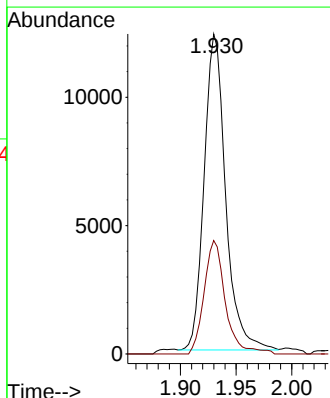
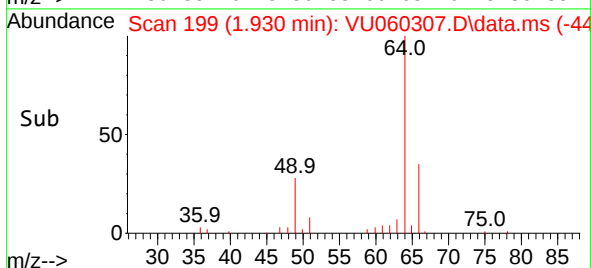
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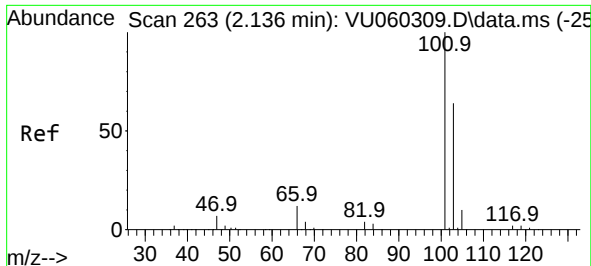


#6
Chloroethane
Concen: 1.824 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36



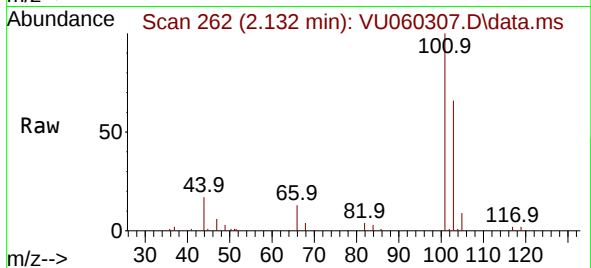
Tgt Ion: 64 Resp: 16531
Ion Ratio Lower Upper
64 100
66 35.9 26.3 39.5





#7
Trichlorofluoromethane
Concen: 1.906 ug/l
RT: 2.132 min Scan# 20
Delta R.T. -0.003 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

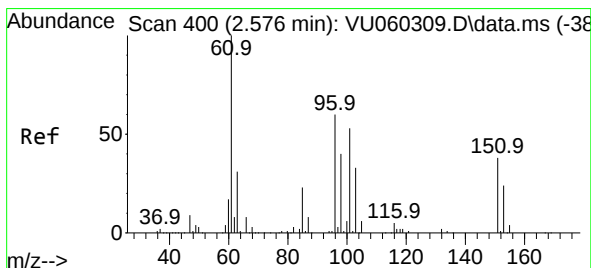
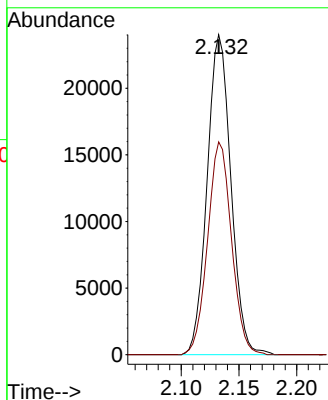
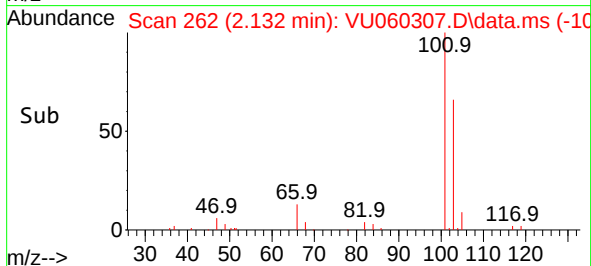
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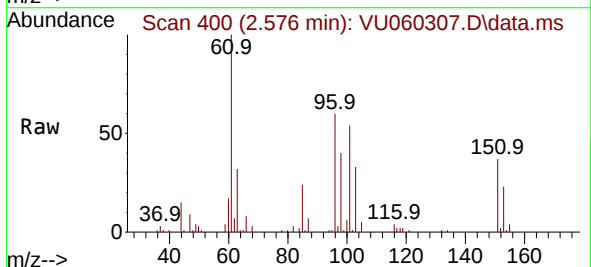
Tgt Ion:101 Resp: 3443
Ion Ratio Lower Upper
101 100
103 66.5 51.0 76.4

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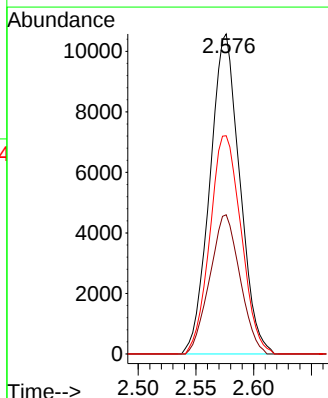
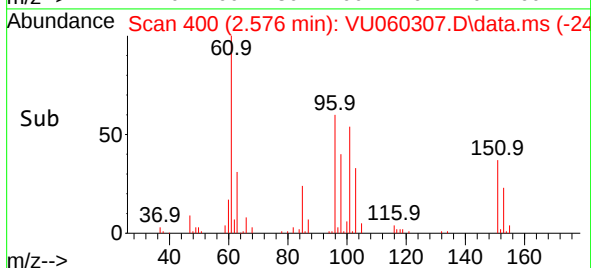
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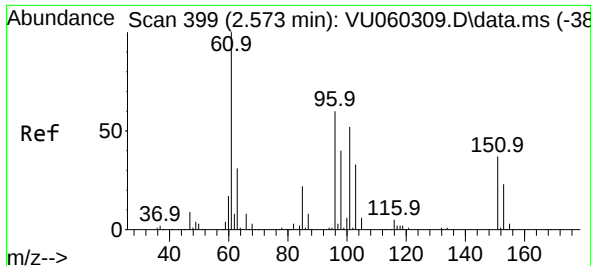


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.934 ug/l
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36



Tgt Ion:101 Resp: 19011
Ion Ratio Lower Upper
101 100
85 43.9 34.9 52.3
151 71.3 57.2 85.8





#9

1,1-Dichloroethene

Concen: 1.879 ug/l

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU060307.D

Acq: 05 Aug 2024 11:36

Instrument :

MSVOA_U

ClientSampleId :

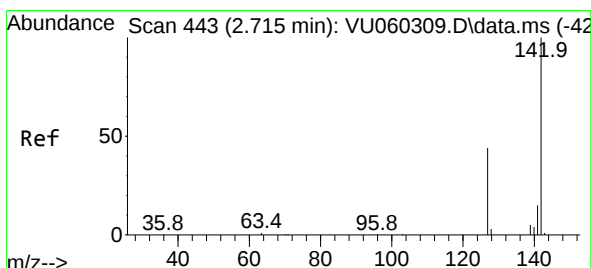
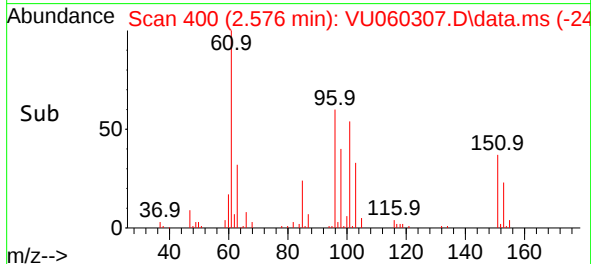
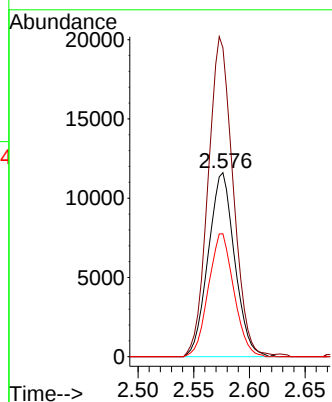
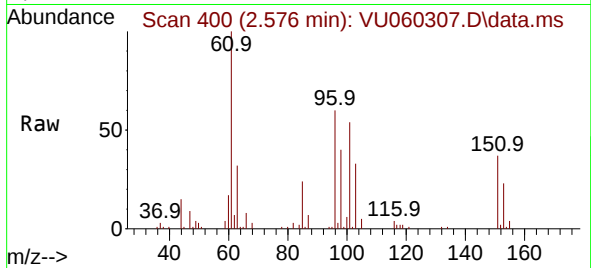
VSTDIC002

Tgt Ion:	96	Resp:	1913
Ion	Ratio	Lower	Upper
96	100		
61	168.0	0.0	495.9
98	66.8	0.0	131.6

Manual Integrations

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#10

Iodomethane

Concen: 1.887 ug/l

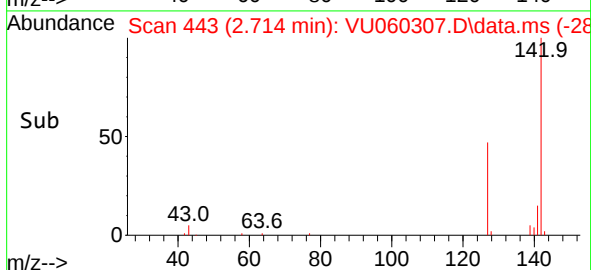
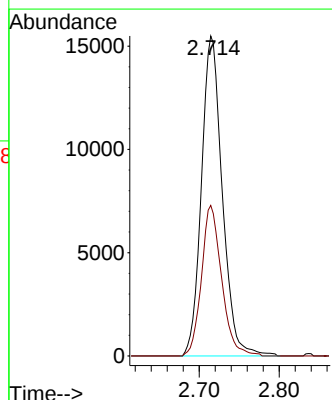
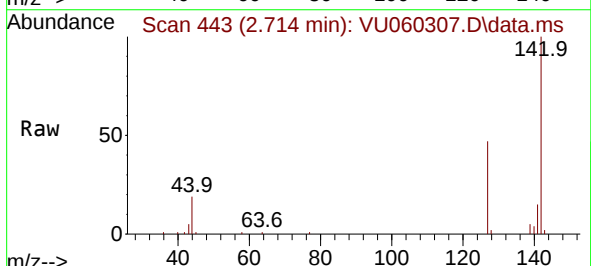
RT: 2.714 min Scan# 443

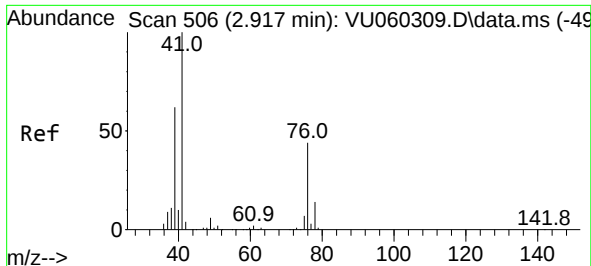
Delta R.T. -0.000 min

Lab File: VU060307.D

Acq: 05 Aug 2024 11:36

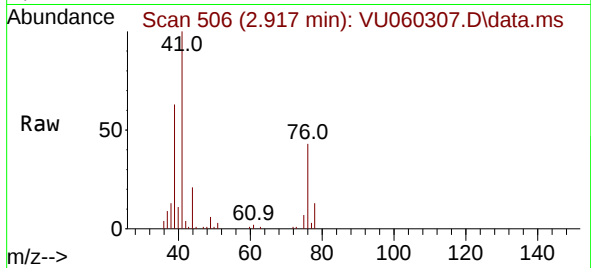
Tgt Ion:	142	Resp:	28126
Ion	Ratio	Lower	Upper
142	100		
127	45.5	35.5	53.3





#11
 Allyl Chloride
 Concen: 1.872 ug/l
 RT: 2.917 min Scan# 506
 Delta R.T. -0.000 min
 Lab File: VU060307.D
 Acq: 05 Aug 2024 11:36

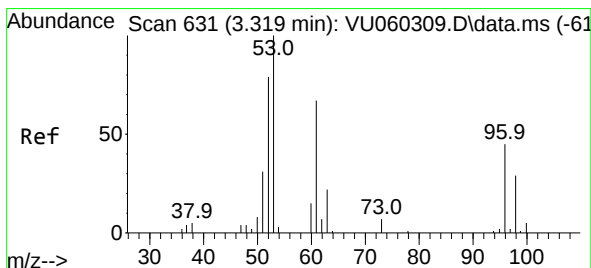
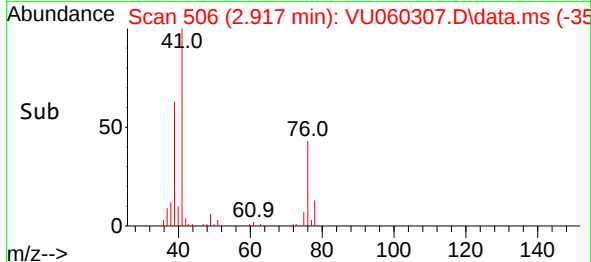
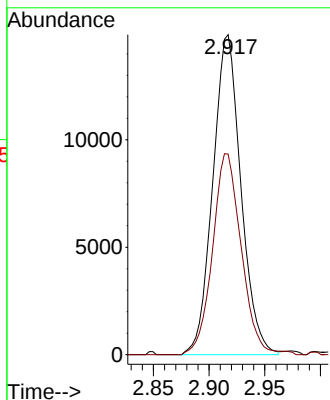
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC002



Tgt Ion: 41 Resp: 26130
 Ion Ratio Lower Upper
 41 100
 39 64.2 50.0 75.0

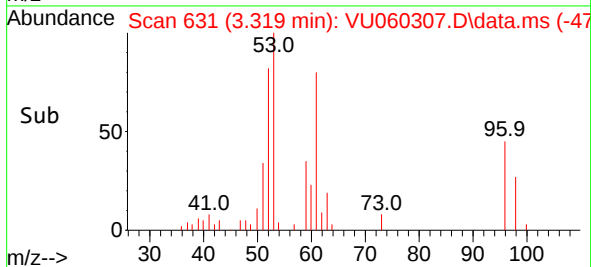
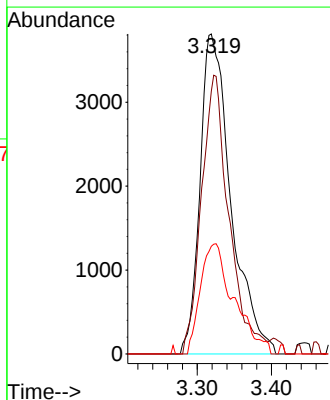
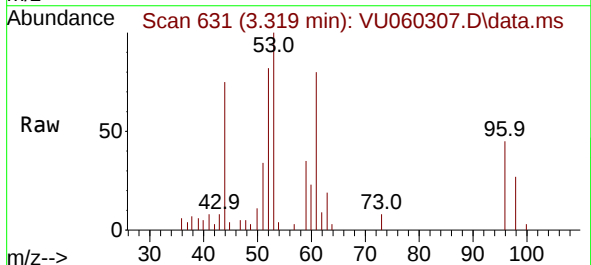
Manual Integrations
 APPROVED

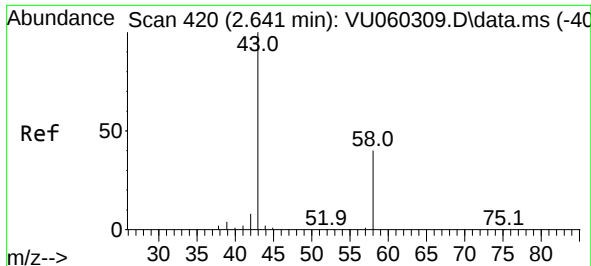
Reviewed By :Mahesh Dadoda 08/09/2024
 Supervised By :Semsettin Yesilyurt 08/09/2024



#12
 Acrylonitrile
 Concen: 4.150 ug/l
 RT: 3.319 min Scan# 631
 Delta R.T. -0.000 min
 Lab File: VU060307.D
 Acq: 05 Aug 2024 11:36

Tgt Ion: 53 Resp: 11042
 Ion Ratio Lower Upper
 53 100
 52 77.9 63.7 95.5
 51 37.3 28.2 42.4





#13

Acetone

Concen: 7.684 ug/l

RT: 2.647 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU060307.D

Acq: 05 Aug 2024 11:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 43 Resp: 2598

Ion Ratio Lower Upper

43 100

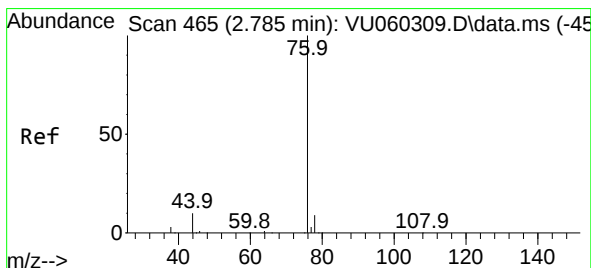
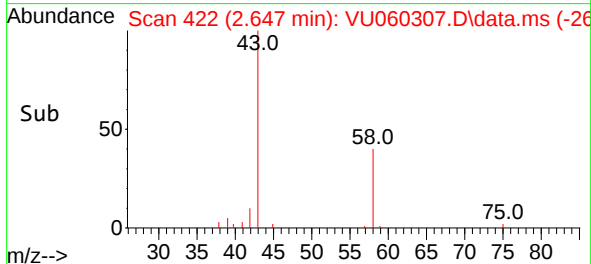
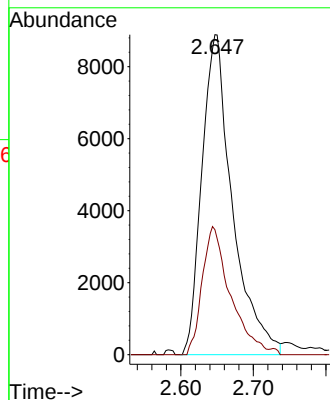
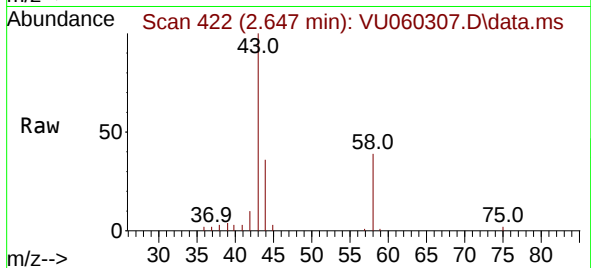
58 39.0 31.8 47.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/09/2024

Supervised By :Semsettin Yesilyurt 08/09/2024



#14

Carbon Disulfide

Concen: 1.903 ug/l

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU060307.D

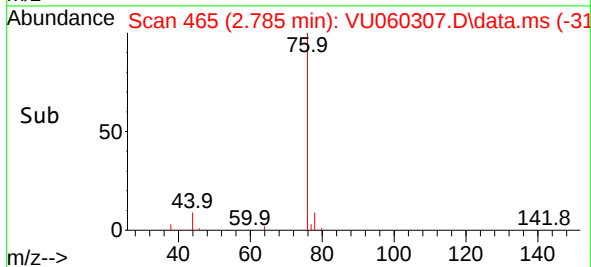
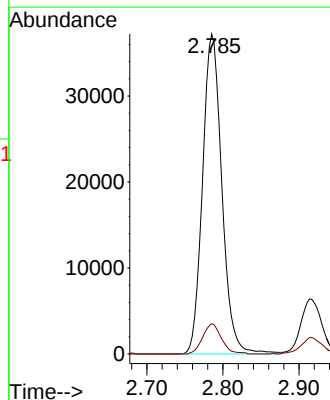
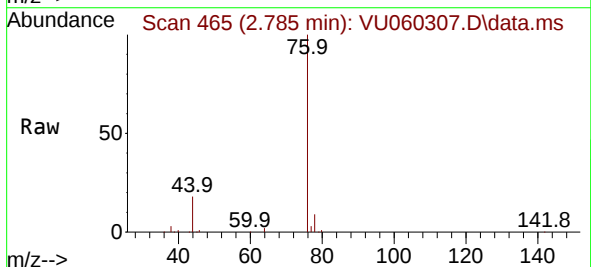
Acq: 05 Aug 2024 11:36

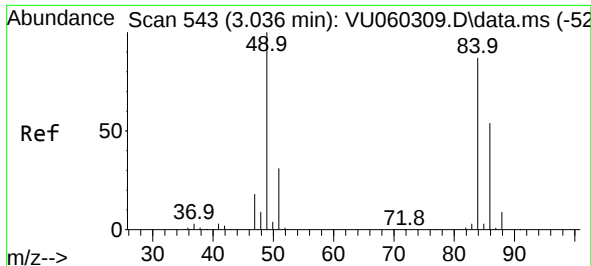
Tgt Ion: 76 Resp: 65695

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0





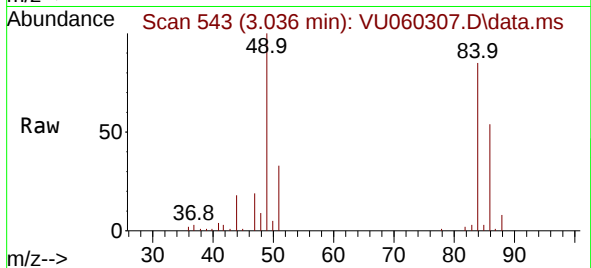
#15
Methylene Chloride
Concen: 1.896 ug/l
RT: 3.036 min Scan# 543
Delta R.T. -0.000 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

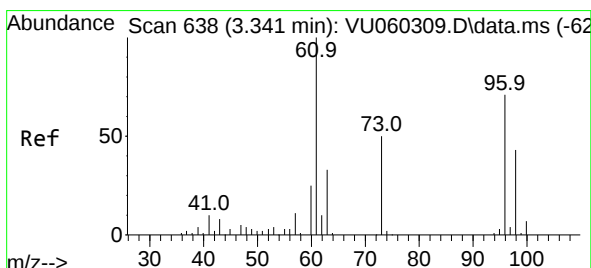
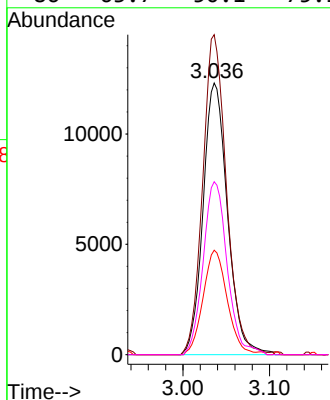
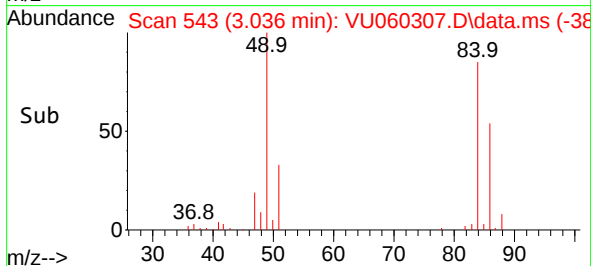


Tgt Ion:	84	Resp:	2416
Ion	Ratio	Lower	Upper
84	100		
49	117.8	92.1	138.1
51	38.5	0.0	72.4
86	63.7	50.1	75.1

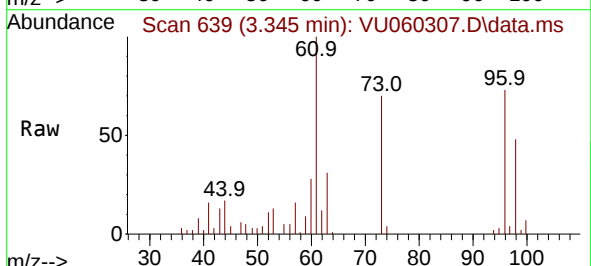
Manual Integrations

APPROVED

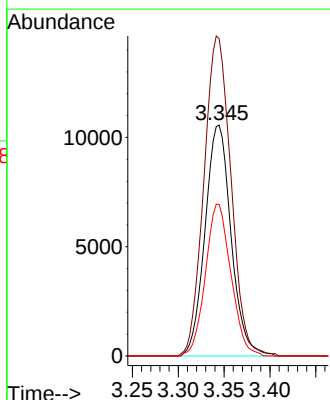
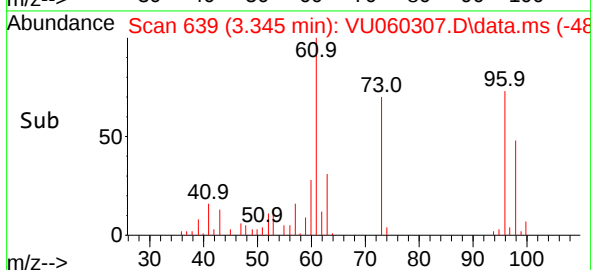
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024

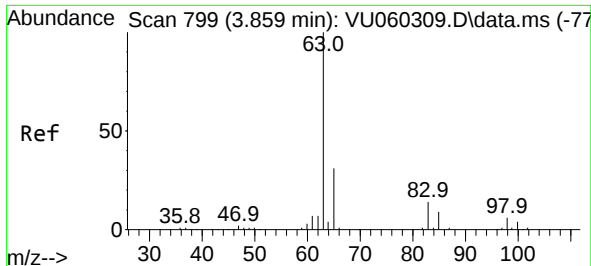


#16
trans-1,2-Dichloroethene
Concen: 1.916 ug/l
RT: 3.345 min Scan# 639
Delta R.T. 0.003 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36



Tgt Ion:	96	Resp:	20900
Ion	Ratio	Lower	Upper
96	100		
61	137.4	112.8	169.2
98	65.6	48.7	73.1





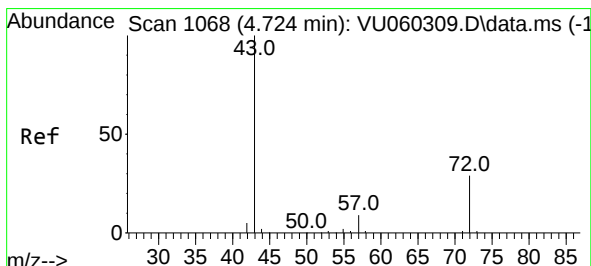
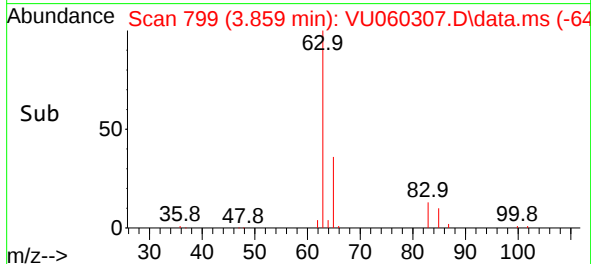
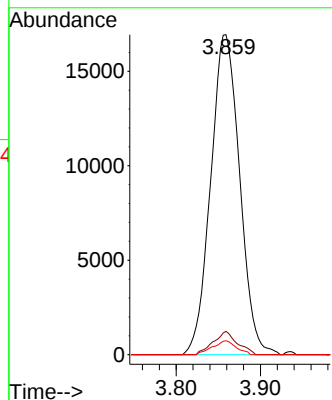
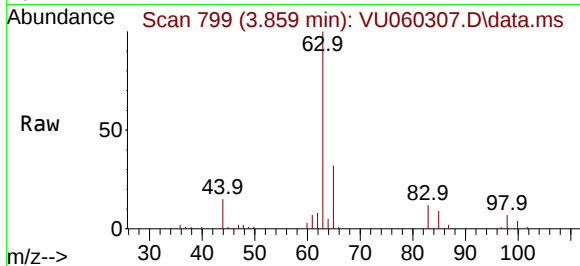
#17
1,1-Dichloroethane
Concen: 1.929 ug/l
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 63 Resp: 40469
Ion Ratio Lower Upper
63 100
98 7.3 3.1 9.4
100 4.3 2.0 5.8

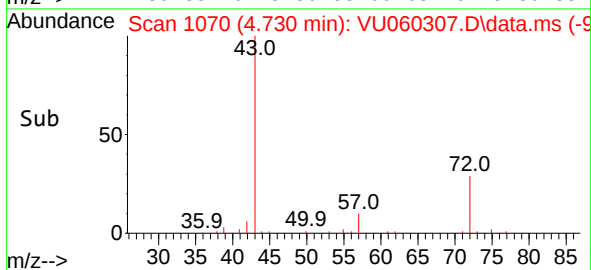
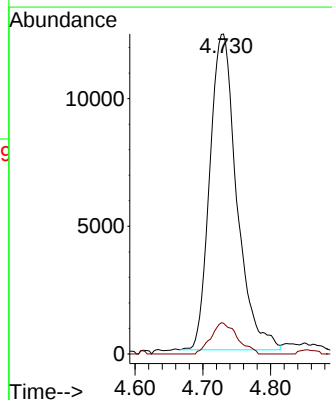
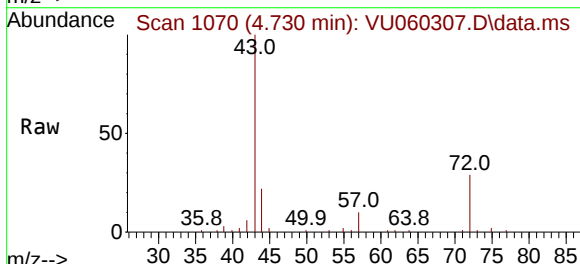
Manual Integrations
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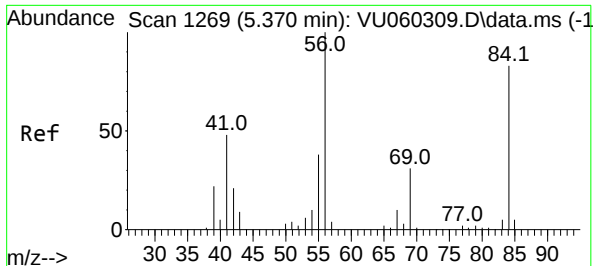
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024



#18
2-Butanone
Concen: 9.159 ug/l
RT: 4.730 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

Tgt Ion: 43 Resp: 34190
Ion Ratio Lower Upper
43 100
57 9.7 0.0 18.4





#19

Cyclohexane

Concen: 1.891 ug/l m

RT: 5.370 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VU060307.D

Acq: 05 Aug 2024 11:36

Instrument :

MSVOA_U

ClientSampleId :

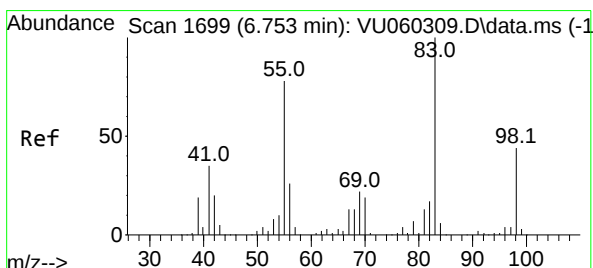
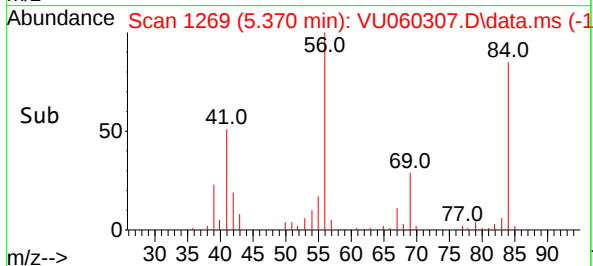
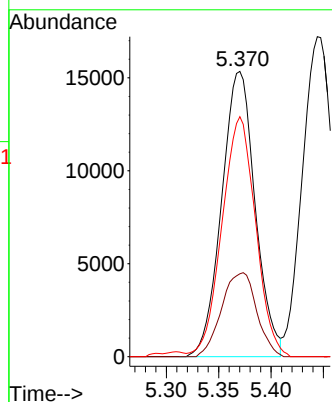
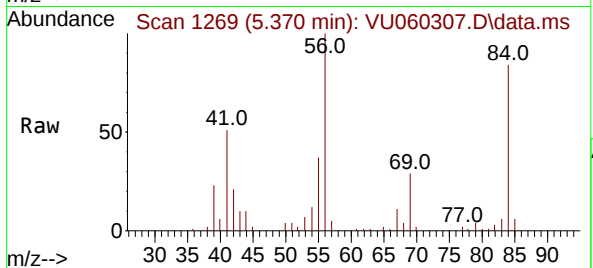
VSTDICC002

Tgt Ion:	56	Resp:	3418
Ion Ratio	Lower	Upper	
56	100		
69	30.7	24.2	36.2
84	82.6	63.9	95.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024



#20

Methylcyclohexane

Concen: 1.697 ug/l

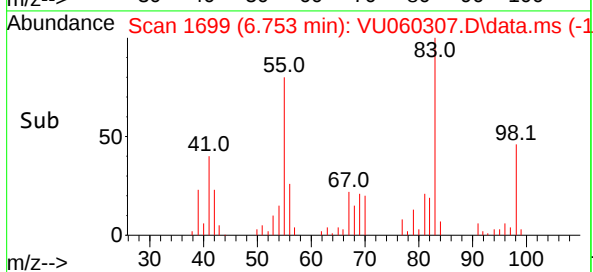
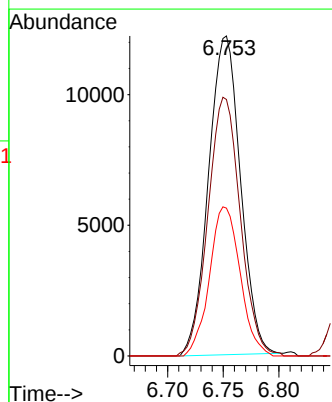
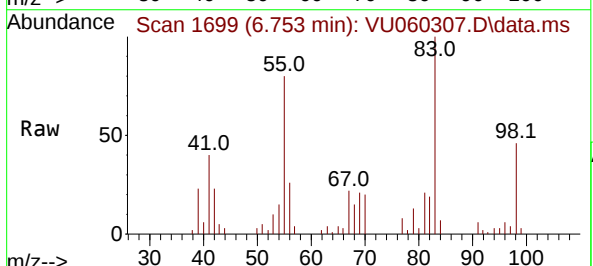
RT: 6.753 min Scan# 1699

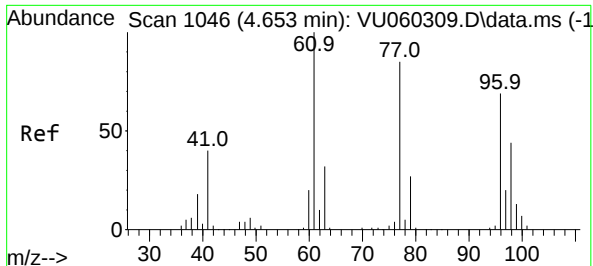
Delta R.T. -0.000 min

Lab File: VU060307.D

Acq: 05 Aug 2024 11:36

Tgt Ion:	83	Resp:	24354
Ion Ratio	Lower	Upper	
83	100		
55	82.1	62.2	93.2
98	44.9	36.1	54.1





#21

2,2-Dichloropropane

Concen: 1.914 ug/l

RT: 4.650 min Scan# 1045

Delta R.T. -0.003 min

Lab File: VU060307.D

Acq: 05 Aug 2024 11:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 77 Resp: 3126

Ion Ratio Lower Upper

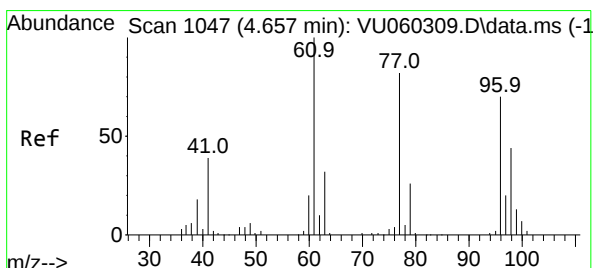
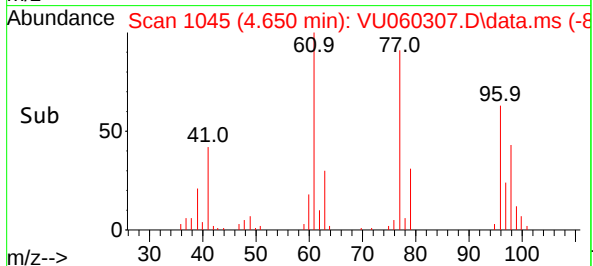
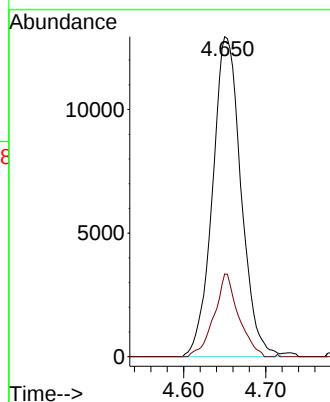
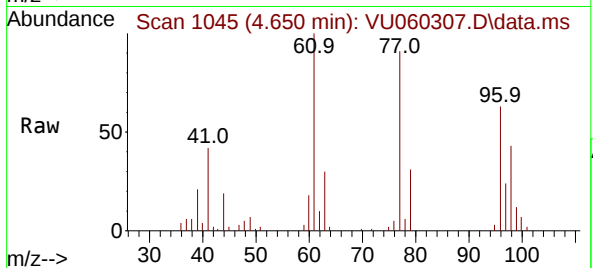
77 100

97 22.2 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024



#22

cis-1,2-Dichloroethene

Concen: 1.884 ug/l

RT: 4.656 min Scan# 1047

Delta R.T. -0.000 min

Lab File: VU060307.D

Acq: 05 Aug 2024 11:36

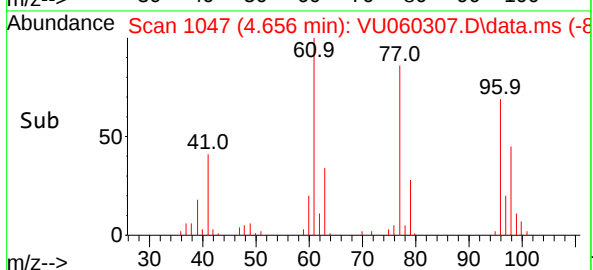
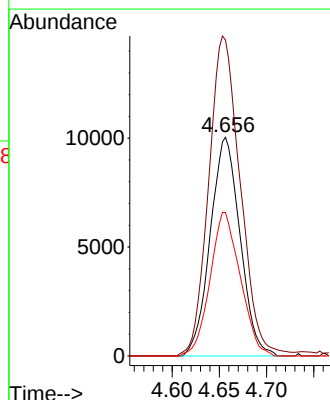
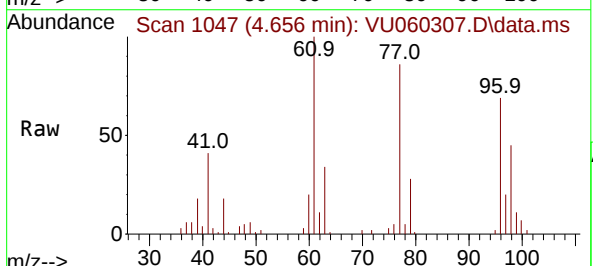
Tgt Ion: 96 Resp: 22020

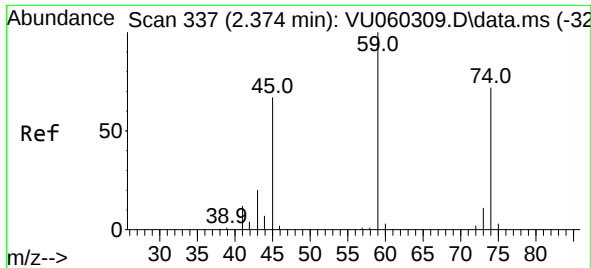
Ion Ratio Lower Upper

96 100

61 154.6 0.0 372.8

98 66.4 31.8 95.4





#23

Diethyl Ether

Concen: 1.946 ug/l

RT: 2.370 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU060307.D

Acq: 05 Aug 2024 11:36

Instrument :

MSVOA_U

ClientSampleId :

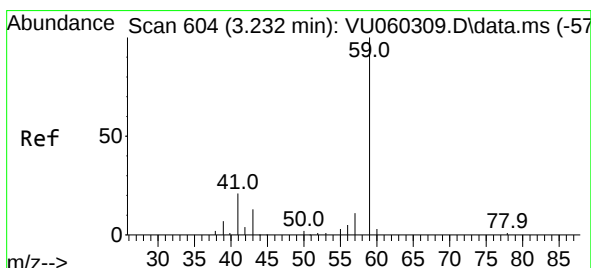
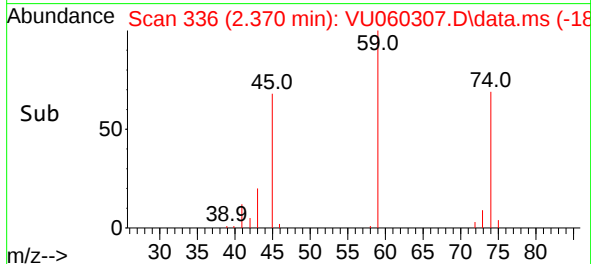
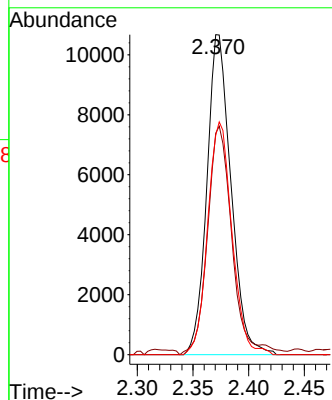
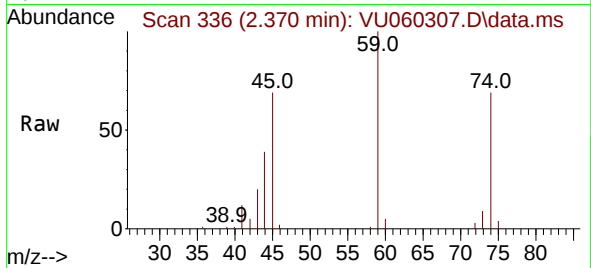
VSTDICC002

Tgt Ion:	59	Resp:	1610
Ion	Ratio	Lower	Upper
59	100		
45	72.6	55.8	83.6
74	73.1	59.2	88.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024



#24

tert-Butyl Alcohol

Concen: 19.973 ug/l m

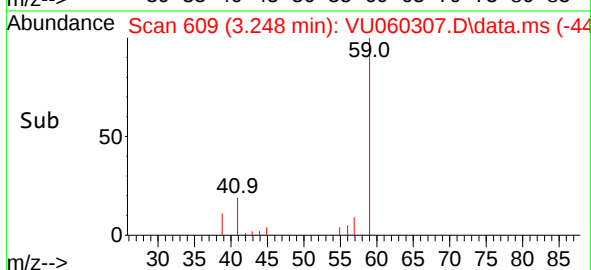
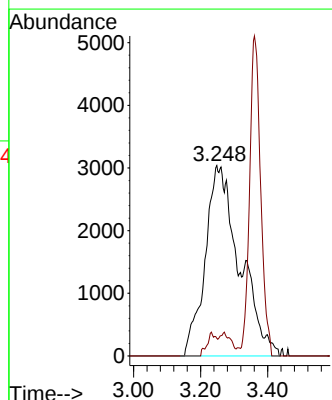
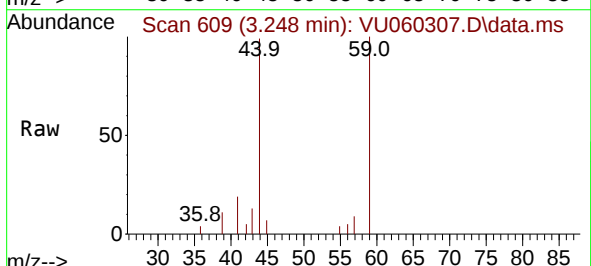
RT: 3.248 min Scan# 609

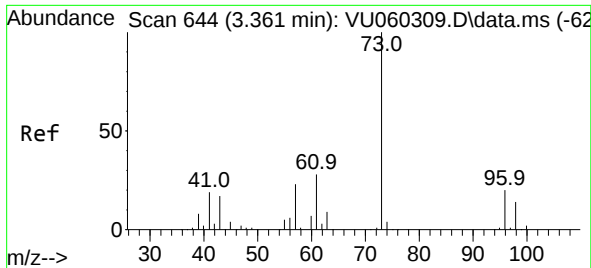
Delta R.T. 0.016 min

Lab File: VU060307.D

Acq: 05 Aug 2024 11:36

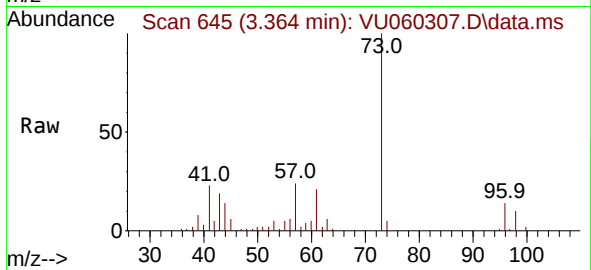
Tgt Ion:	59	Resp:	21654
Ion	Ratio	Lower	Upper
59	100		
57	3.4	4.5	6.7#





#25
Methyl tert-Butyl Ether
Concen: 1.971 ug/l
RT: 3.364 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

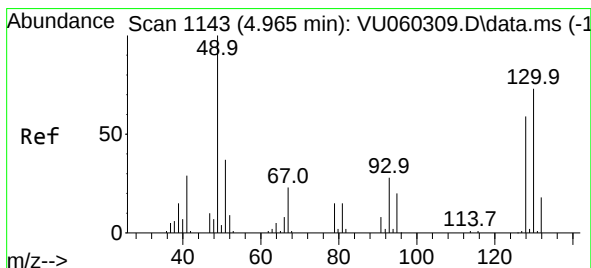
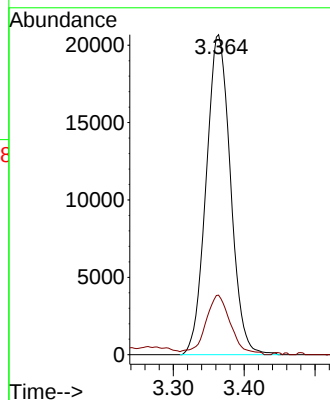
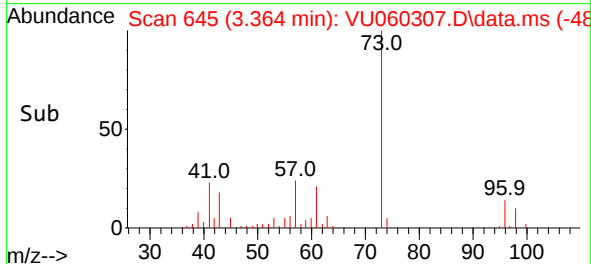
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 73 Resp: 49278
Ion Ratio Lower Upper
73 100
43 19.3 14.1 21.1

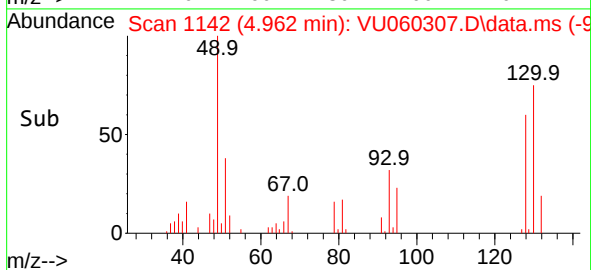
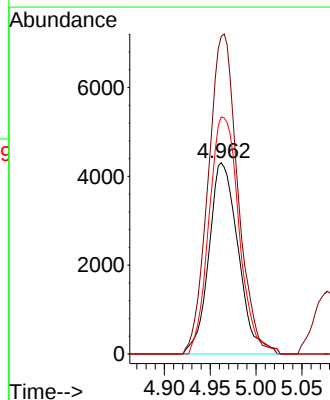
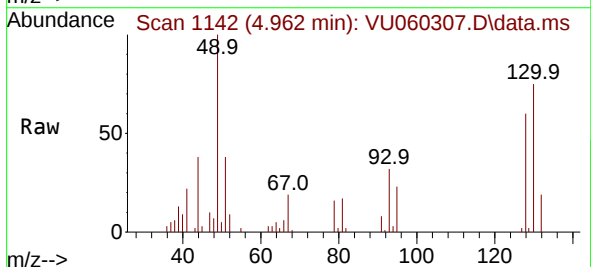
Manual Integrations
APPROVED

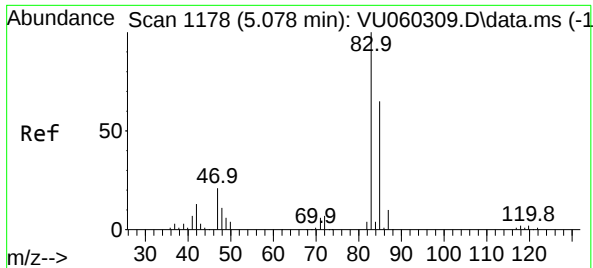
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024



#26
Bromochloromethane
Concen: 1.932 ug/l
RT: 4.962 min Scan# 1142
Delta R.T. -0.003 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

Tgt Ion:128 Resp: 9564
Ion Ratio Lower Upper
128 100
49 168.9 0.0 340.8
130 127.4 102.1 153.1





#27

Chloroform

Concen: 1.924 ug/l

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU060307.D

Acq: 05 Aug 2024 11:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 83 Resp: 3948

Ion Ratio Lower Upper

83 100

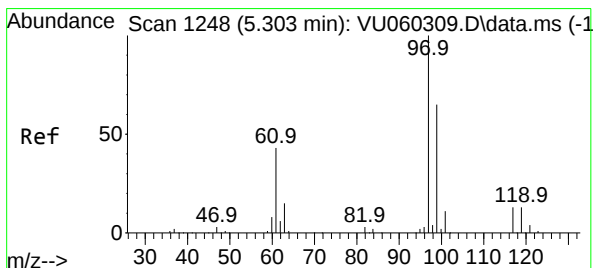
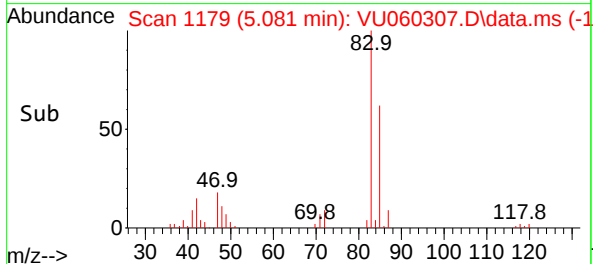
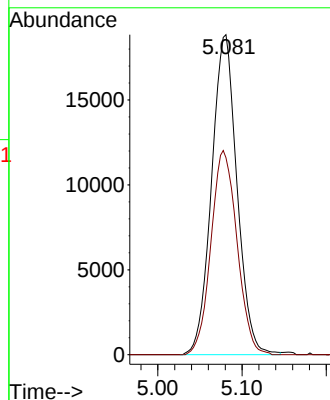
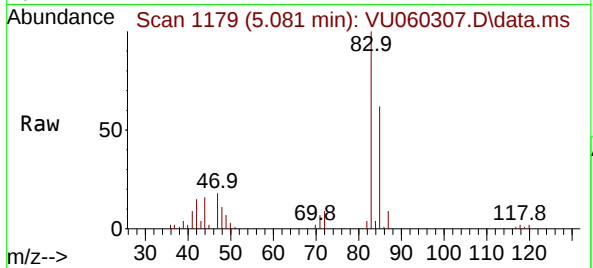
85 61.6 0.0 131.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/09/2024

Supervised By :Semsettin Yesilyurt 08/09/2024



#28

1,1,1-Trichloroethane

Concen: 1.924 ug/l

RT: 5.303 min Scan# 1248

Delta R.T. -0.000 min

Lab File: VU060307.D

Acq: 05 Aug 2024 11:36

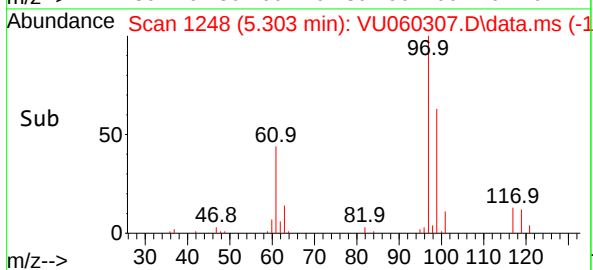
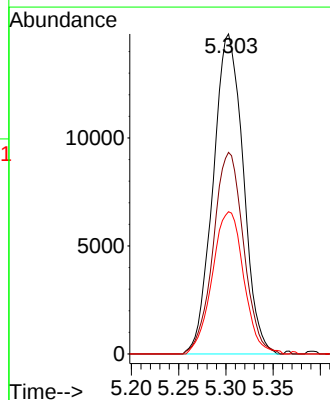
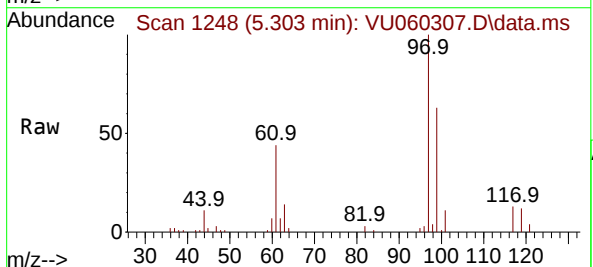
Tgt Ion: 97 Resp: 32802

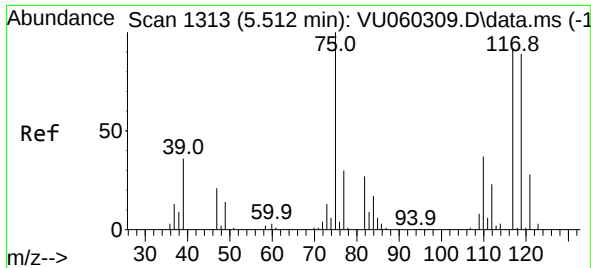
Ion Ratio Lower Upper

97 100

99 63.6 32.8 98.4

61 46.6 22.3 66.9





#29
1,1-Dichloropropene
Concen: 1.865 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

Instrument :

MSVOA_U

ClientSampleId :

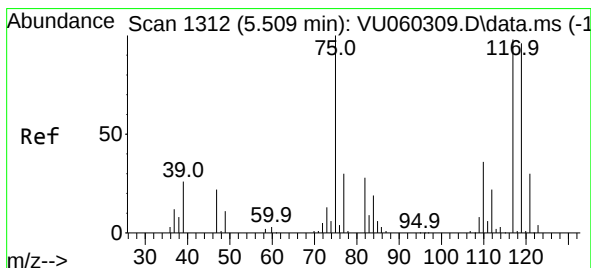
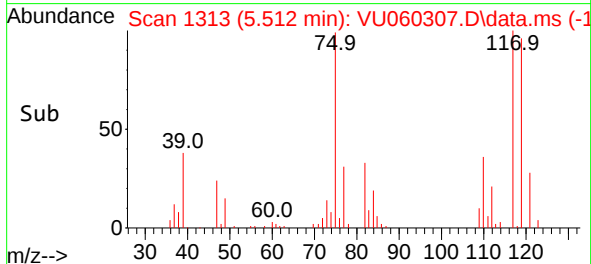
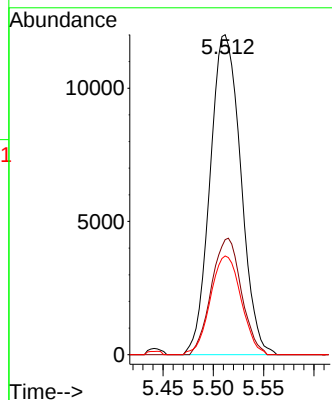
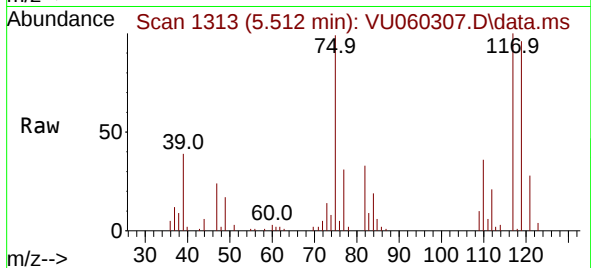
VSTDIC002

Tgt Ion: 75 Resp: 25480
Ion Ratio Lower Upper
75 100
110 35.5 18.4 55.2
77 30.9 24.8 37.2

Manual Integrations

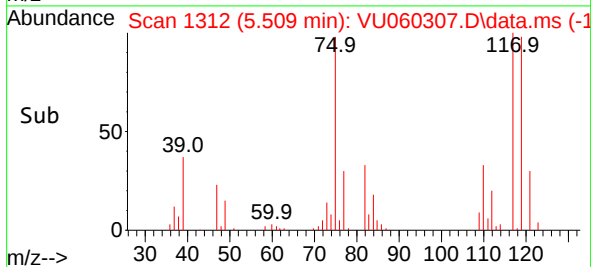
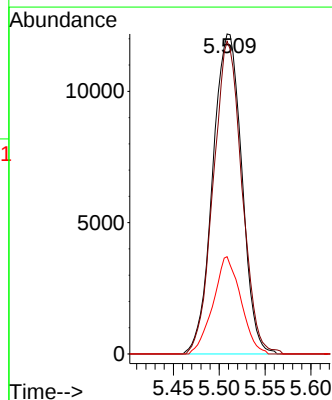
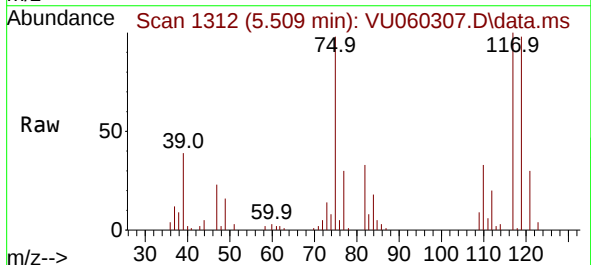
APPROVED

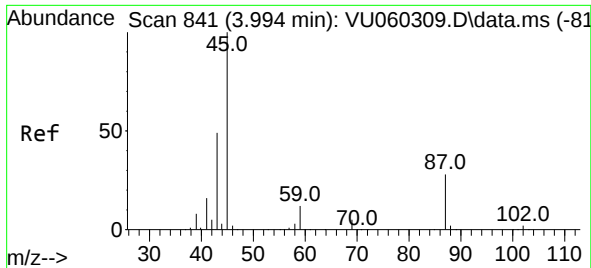
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024



#30
Carbon Tetrachloride
Concen: 1.933 ug/l
RT: 5.509 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

Tgt Ion:117 Resp: 26861
Ion Ratio Lower Upper
117 100
119 97.7 77.8 116.6
121 30.4 24.2 36.2





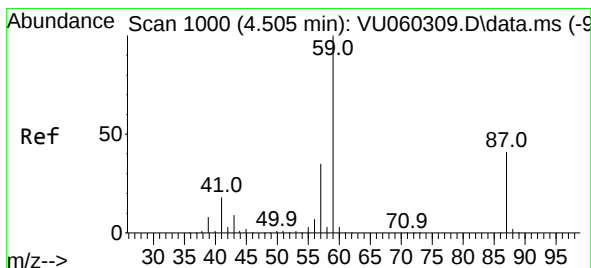
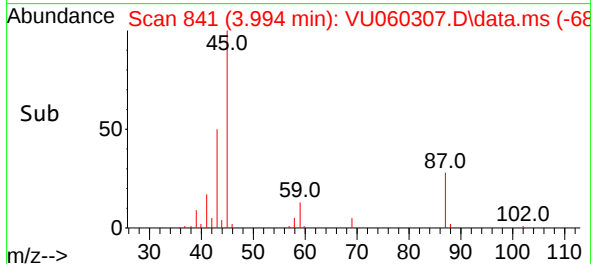
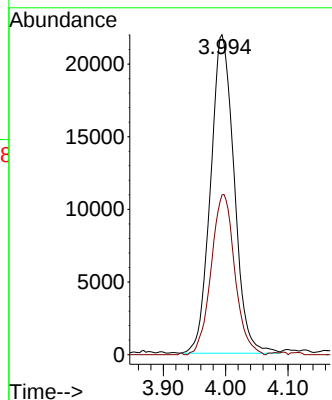
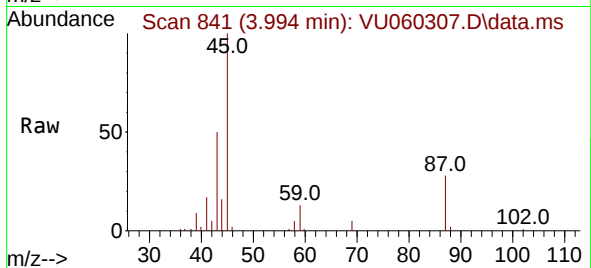
#31
Isopropyl Ether
Concen: 1.877 ug/l
RT: 3.994 min Scan# 841
Delta R.T. -0.000 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 45 Resp: 5757
Ion Ratio Lower Upper
45 100
43 50.4 24.7 74.1

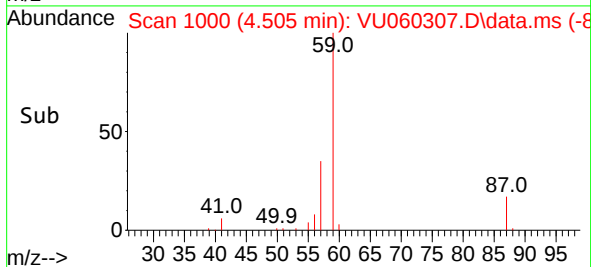
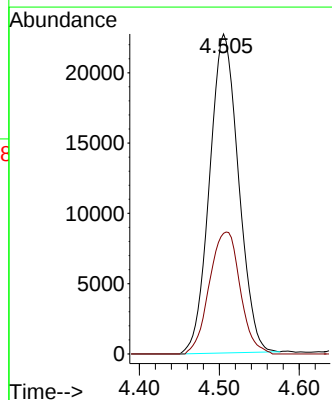
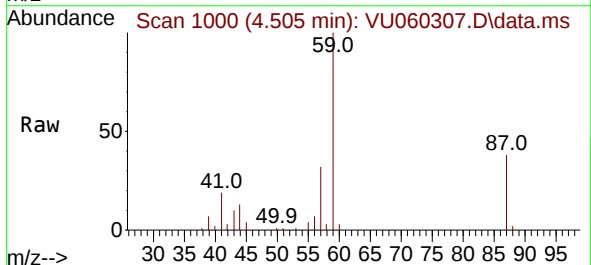
Manual Integrations
APPROVED

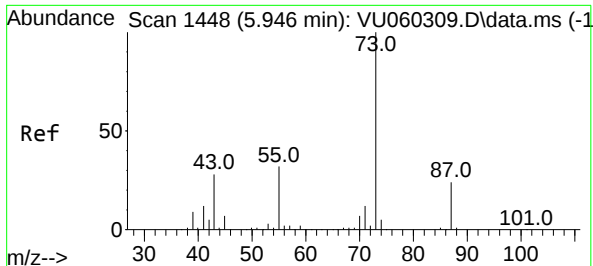
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024



#32
Ethyl-t-butyl ether
Concen: 1.925 ug/l
RT: 4.505 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

Tgt Ion: 59 Resp: 57051
Ion Ratio Lower Upper
59 100
87 40.6 32.6 49.0





#33

Tert-Amyl methyl ether

Concen: 1.786 ug/l

RT: 5.946 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VU060307.D

Acq: 05 Aug 2024 11:36

Instrument :

MSVOA_U

ClientSampleId :

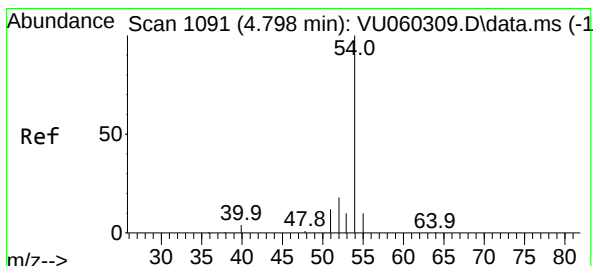
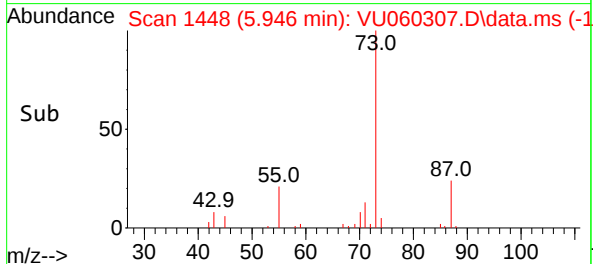
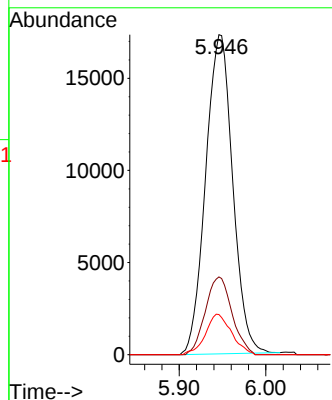
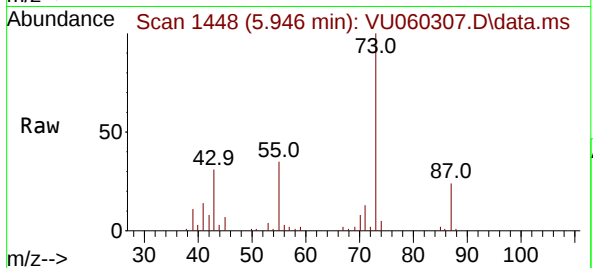
VSTDICC002

Tgt Ion: 73	Resp: 3757
Ion Ratio	Lower Upper
73 100	
87 24.0	19.6 29.4
71 12.2	9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024



#34

Propionitrile

Concen: 10.469 ug/l

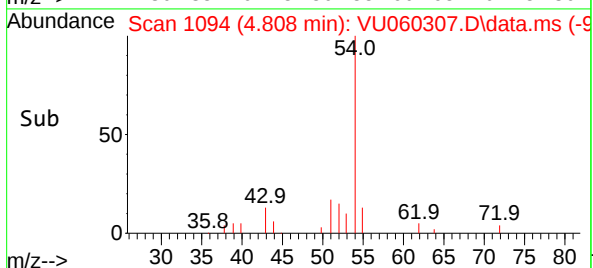
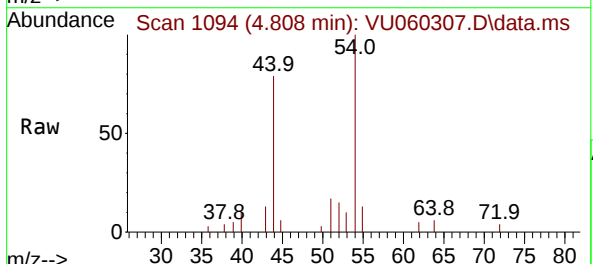
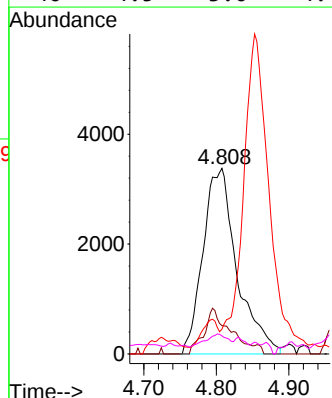
RT: 4.808 min Scan# 1094

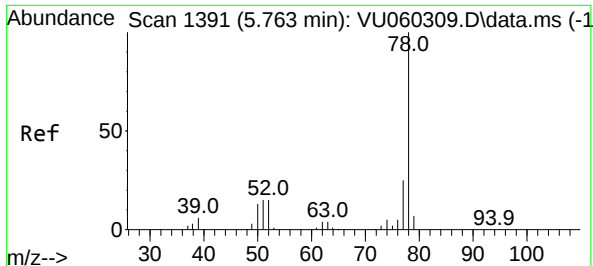
Delta R.T. 0.010 min

Lab File: VU060307.D

Acq: 05 Aug 2024 11:36

Tgt Ion: 54	Resp: 10998
Ion Ratio	Lower Upper
54 100	
52 18.6	16.4 24.6
55 6.9	5.2 7.8
40 4.5	3.0 4.4





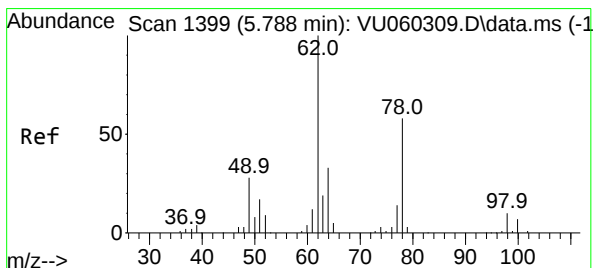
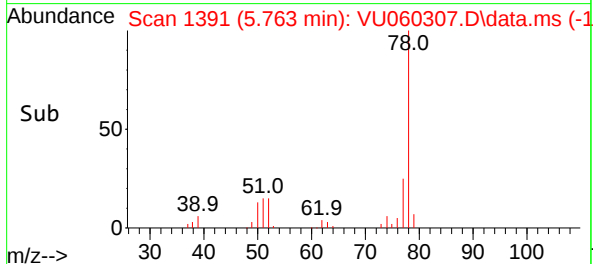
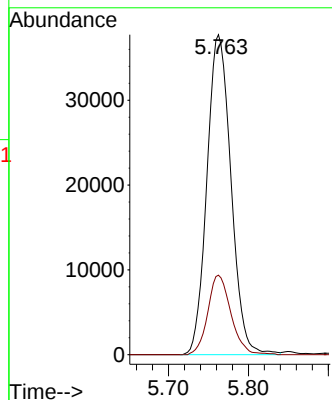
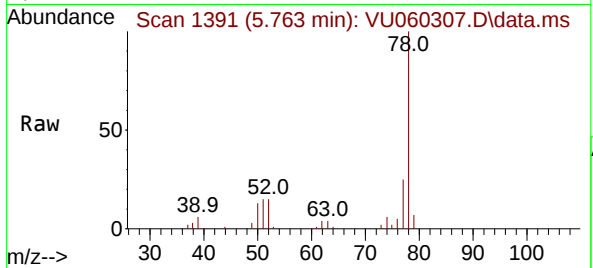
#35
Benzene
Concen: 1.875 ug/l
RT: 5.763 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 78 Resp: 78920
Ion Ratio Lower Upper
78 100
77 24.8 20.2 30.2

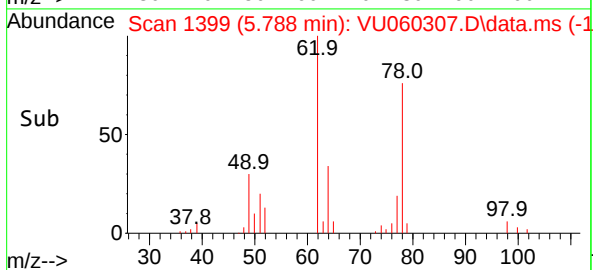
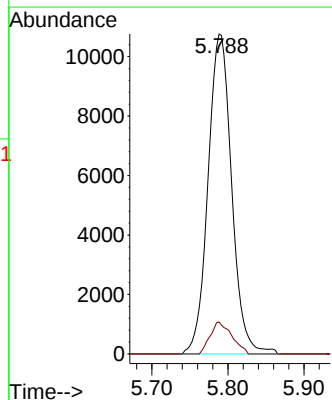
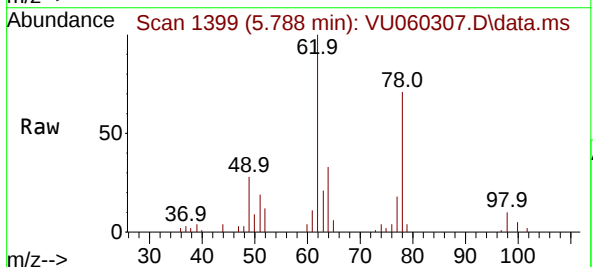
Manual Integrations
APPROVED

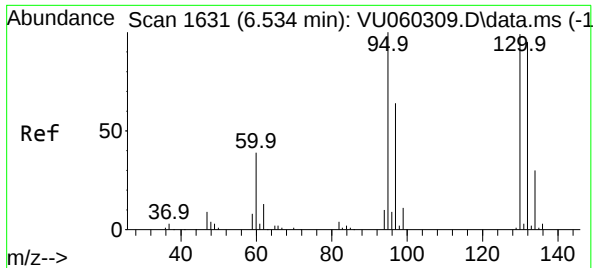
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024



#36
1,2-Dichloroethane
Concen: 1.985 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

Tgt Ion: 62 Resp: 23225
Ion Ratio Lower Upper
62 100
98 9.1 8.1 12.1





#37

Trichloroethene

Concen: 1.871 ug/l

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU060307.D

Acq: 05 Aug 2024 11:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion:130 Resp: 19504

Ion Ratio Lower Upper

130 100

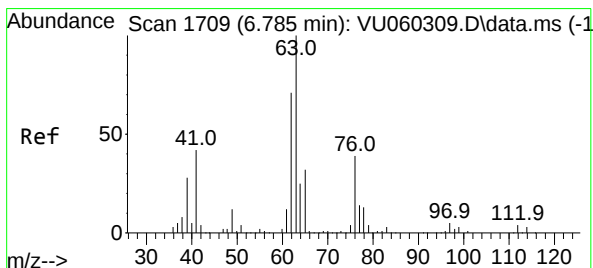
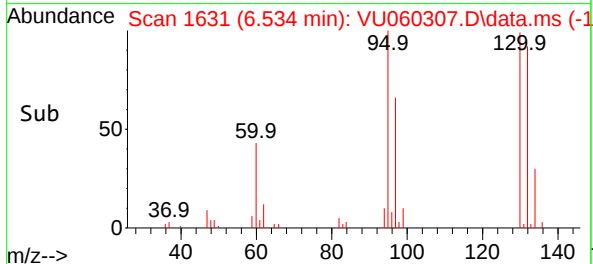
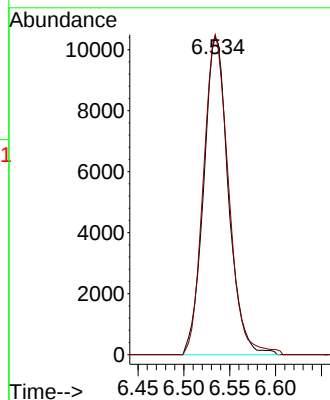
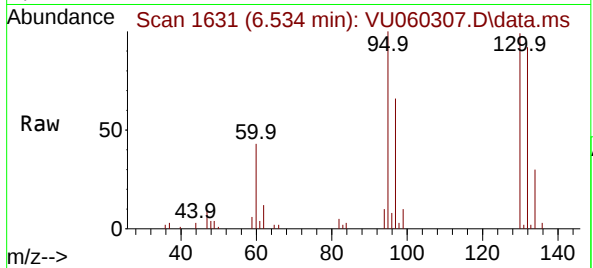
95 100.7 80.6 121.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/09/2024

Supervised By :Semsettin Yesilyurt 08/09/2024



#38

1,2-Dichloropropane

Concen: 1.910 ug/l

RT: 6.788 min Scan# 1710

Delta R.T. 0.003 min

Lab File: VU060307.D

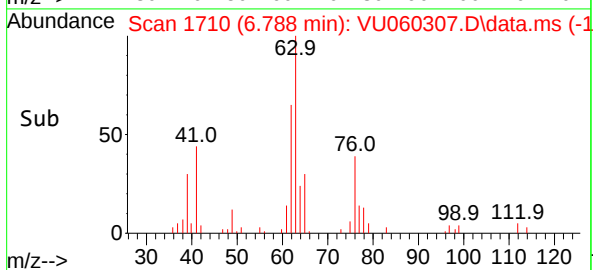
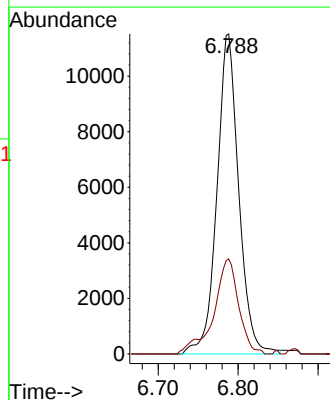
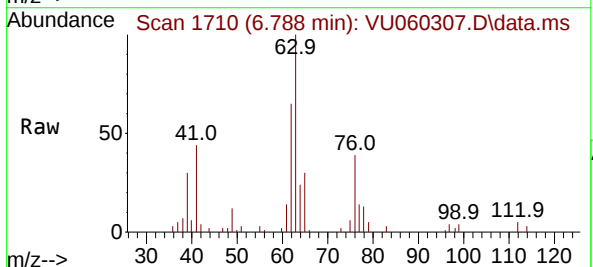
Acq: 05 Aug 2024 11:36

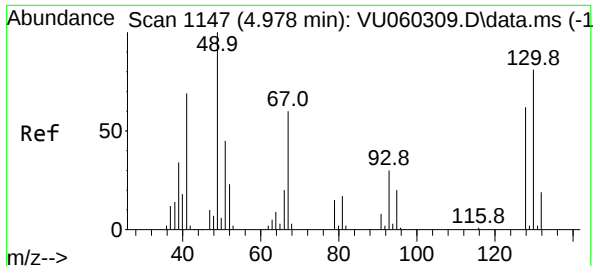
Tgt Ion: 63 Resp: 21755

Ion Ratio Lower Upper

63 100

65 29.7 25.6 38.4





#39

Methacrylonitrile

Concen: 1.980 ug/l

RT: 4.981 min Scan# 1148

Delta R.T. 0.003 min

Lab File: VU060307.D

Acq: 05 Aug 2024 11:36

Instrument :

MSVOA_U

ClientSampleId :

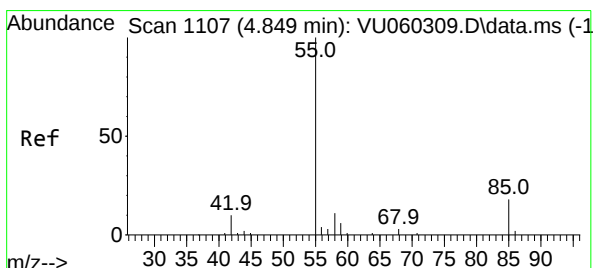
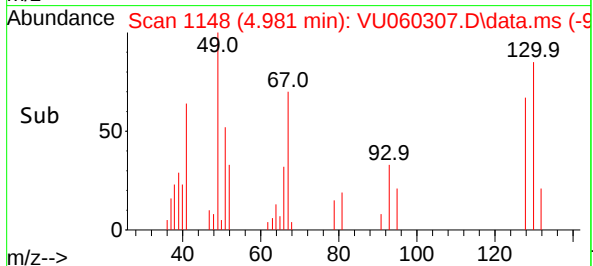
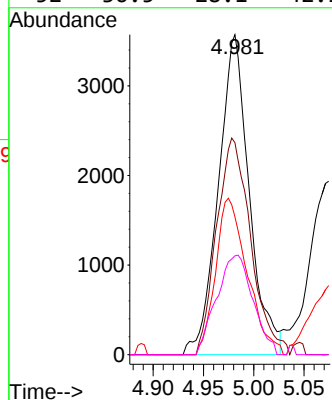
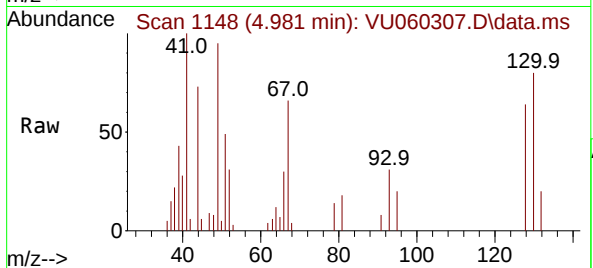
VSTDICC002

Tgt Ion:	41	Resp:	764
Ion	Ratio	Lower	Upper
41	100		
67	74.7	67.4	101.0
39	50.0	41.7	62.5
52	36.5	28.1	42.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024



#40

Methyl acrylate

Concen: 1.992 ug/l

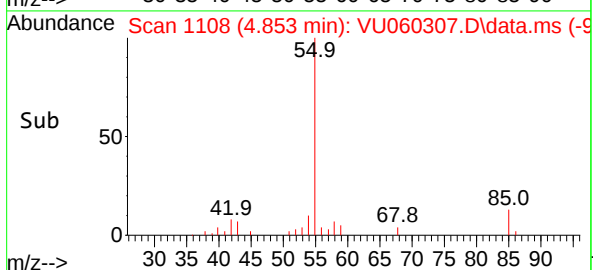
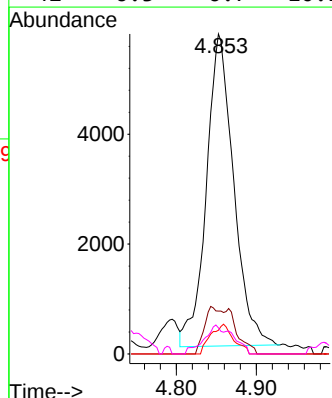
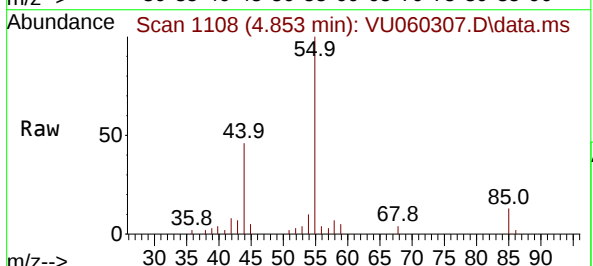
RT: 4.853 min Scan# 1108

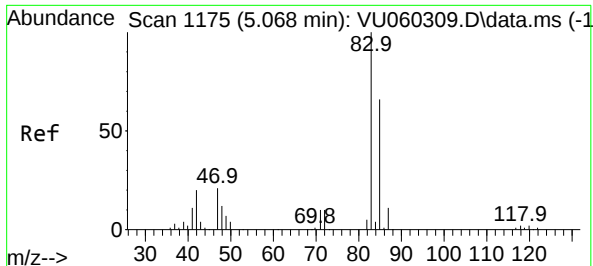
Delta R.T. 0.003 min

Lab File: VU060307.D

Acq: 05 Aug 2024 11:36

Tgt Ion:	55	Resp:	13467
Ion	Ratio	Lower	Upper
55	100		
85	10.0	13.6	20.4#
58	7.9	7.6	11.4
42	6.3	6.7	10.1#





#41

Tetrahydrofuran

Concen: 3.835 ug/l

RT: 5.071 min Scan# 1175

Delta R.T. 0.003 min

Lab File: VU060307.D

Acq: 05 Aug 2024 11:36

Instrument :

MSVOA_U

ClientSampleId :

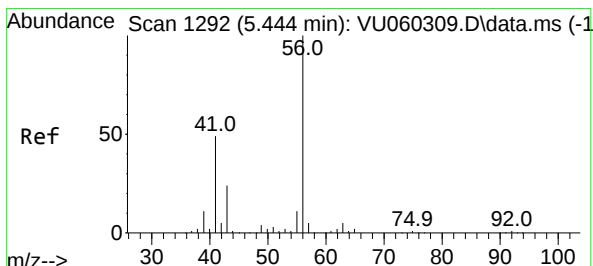
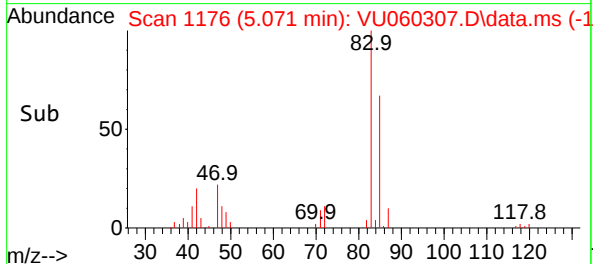
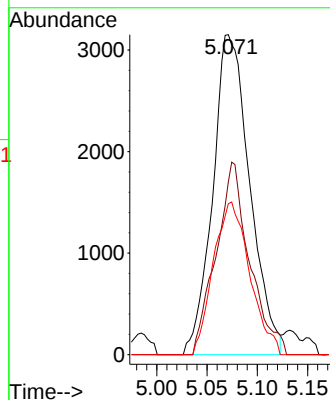
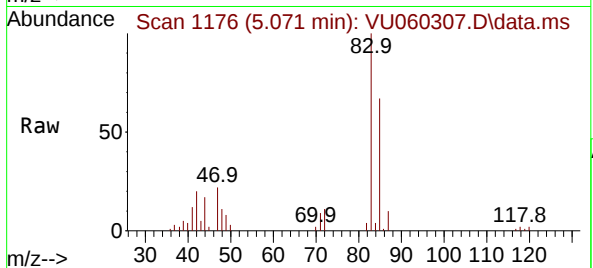
VSTDIC002

Tgt Ion:	42	Resp:	8064
Ion Ratio	Lower	Upper	
42	100		
72	54.6	40.6	60.8
71	46.9	38.0	57.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024



#42

1-Chlorobutane

Concen: 1.942 ug/l

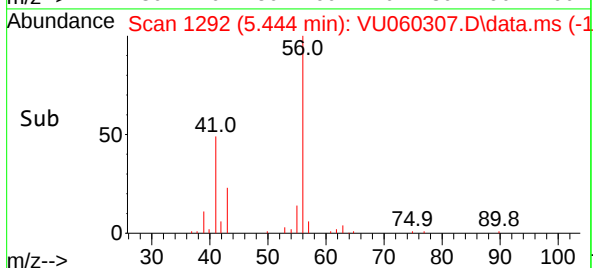
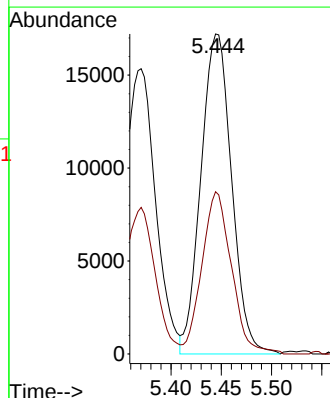
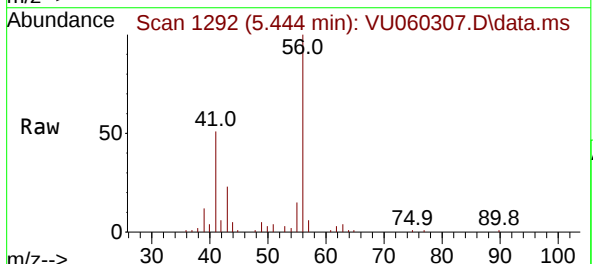
RT: 5.444 min Scan# 1292

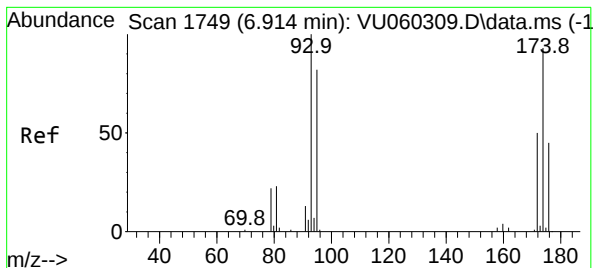
Delta R.T. -0.000 min

Lab File: VU060307.D

Acq: 05 Aug 2024 11:36

Tgt Ion:	56	Resp:	36578
Ion Ratio	Lower	Upper	
56	100		
41	49.0	23.8	71.5





#43

Dibromomethane

Concen: 1.868 ug/l

RT: 6.917 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU060307.D

Acq: 05 Aug 2024 11:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 93 Resp: 1076

Ion Ratio Lower Upper

93 100

95 88.7 66.4 99.6

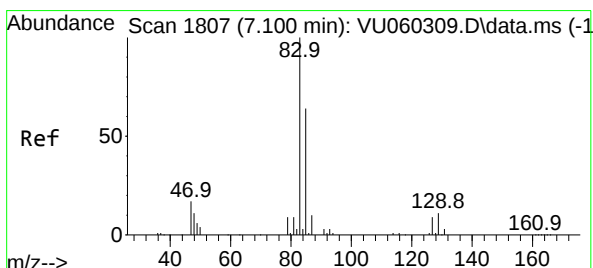
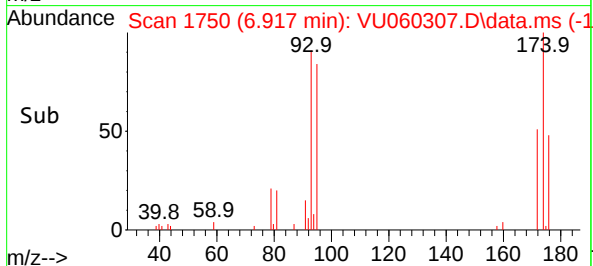
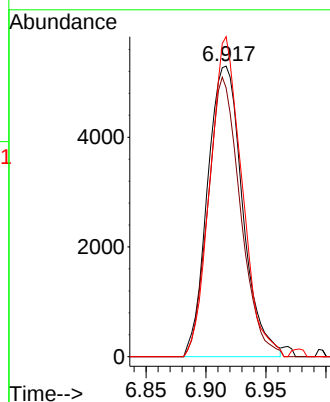
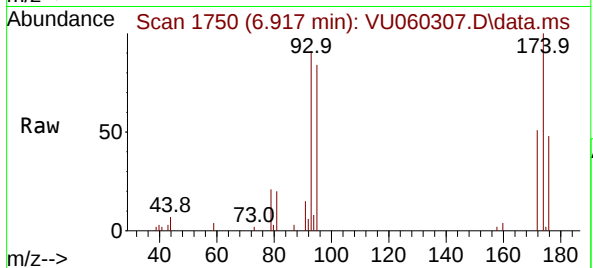
174 100.1 75.2 112.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/09/2024

Supervised By :Semsettin Yesilyurt 08/09/2024



#44

Bromodichloromethane

Concen: 1.913 ug/l

RT: 7.103 min Scan# 1808

Delta R.T. 0.003 min

Lab File: VU060307.D

Acq: 05 Aug 2024 11:36

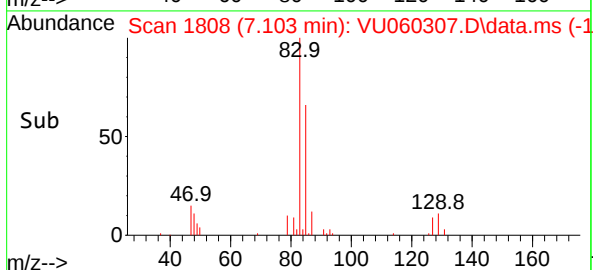
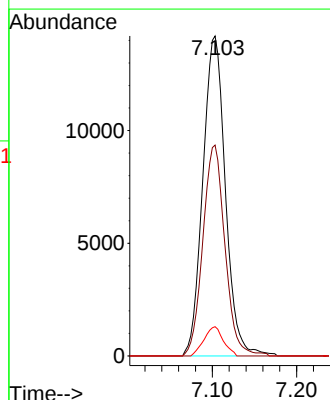
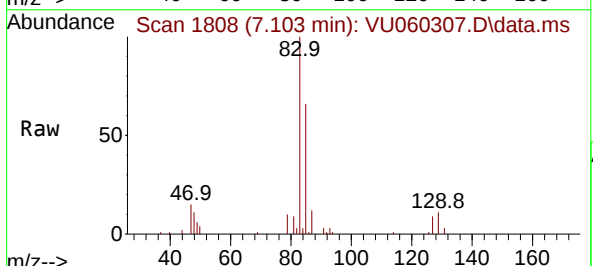
Tgt Ion: 83 Resp: 26464

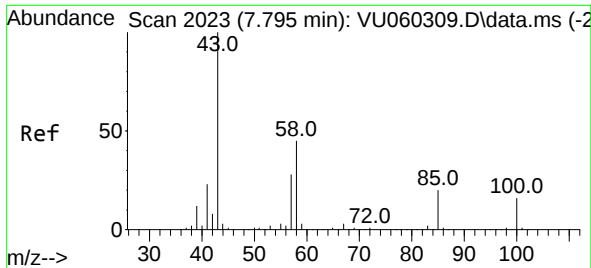
Ion Ratio Lower Upper

83 100

85 65.9 51.3 76.9

127 9.2 6.8 10.2





#45
4-Methyl-2-Pentanone
Concen: 9.353 ug/l
RT: 7.798 min Scan# 2024
Delta R.T. 0.003 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

Instrument :

MSVOA_U

ClientSampleId :

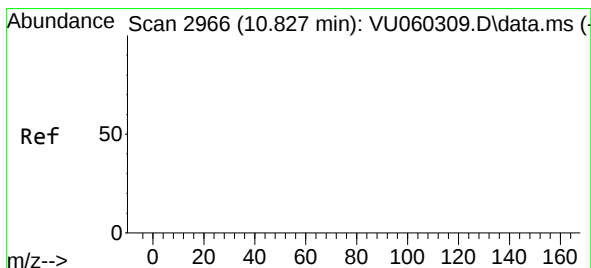
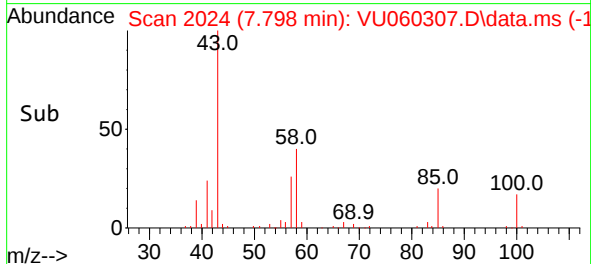
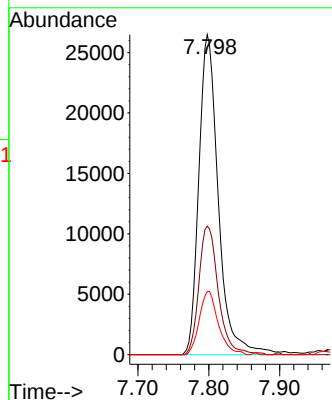
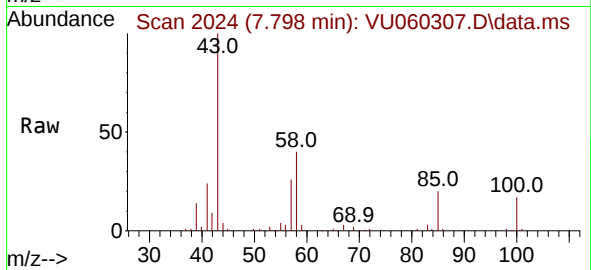
VSTDIC002

Tgt Ion: 43 Resp: 50594
Ion Ratio Lower Upper
43 100
58 40.0 22.3 66.9
85 19.2 16.0 24.0

Manual Integrations

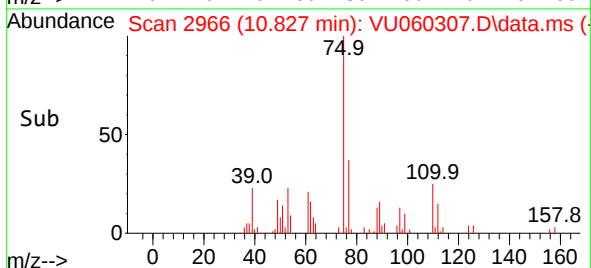
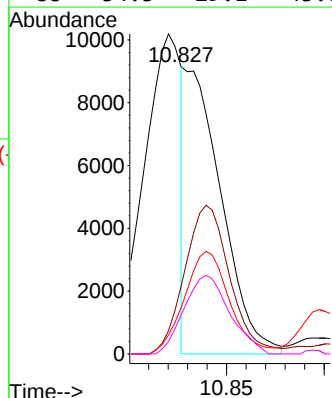
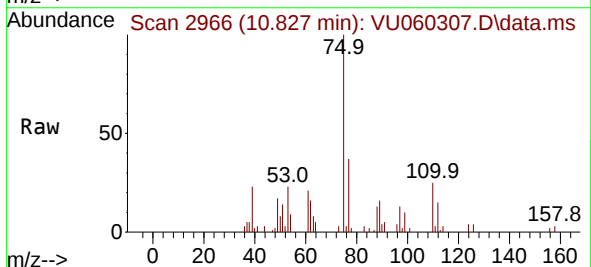
APPROVED

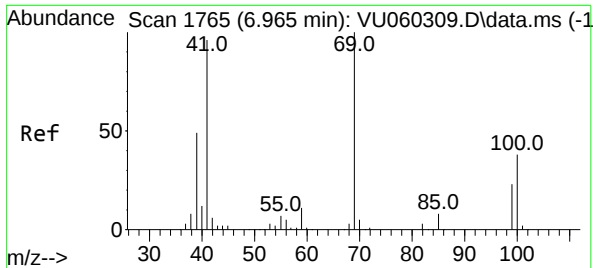
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024



#46
t-1,4-Dichloro-2-butene
Concen: 3.990 ug/l m
RT: 10.827 min Scan# 2966
Delta R.T. -0.000 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

Tgt Ion: 75 Resp: 11816
Ion Ratio Lower Upper
75 100
53 64.2 57.2 85.8
89 44.6 40.4 60.6
88 34.3 29.1 43.7





#47
Methyl methacrylate
Concen: 3.797 ug/l
RT: 6.968 min Scan# 1766
Delta R.T. 0.003 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

Instrument :

MSVOA_U

ClientSampleId :

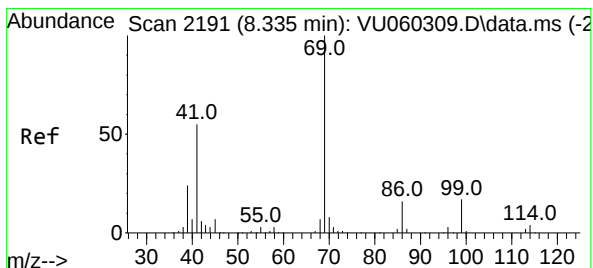
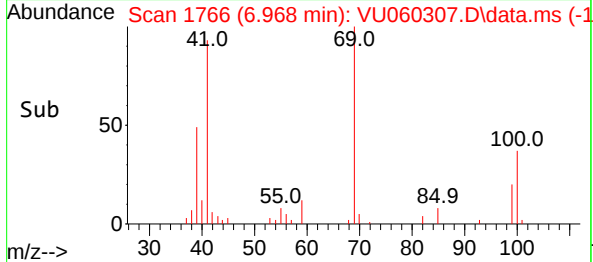
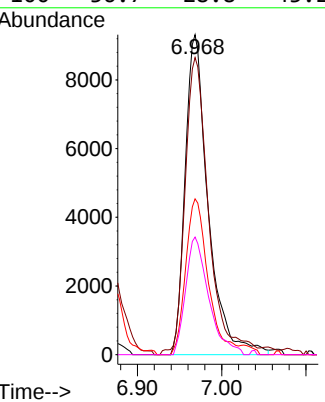
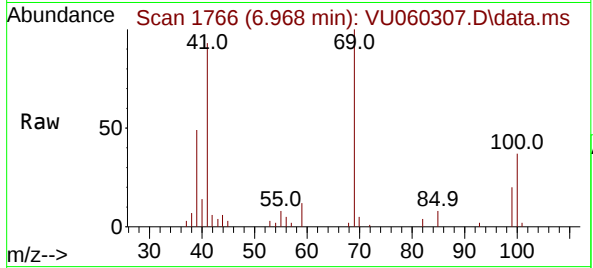
VSTDICC002

Tgt Ion: 69 Resp: 1775
Ion Ratio Lower Upper
69 100
41 95.3 0.0 194.0
39 47.4 38.0 57.0
100 36.7 28.8 43.2

Manual Integrations

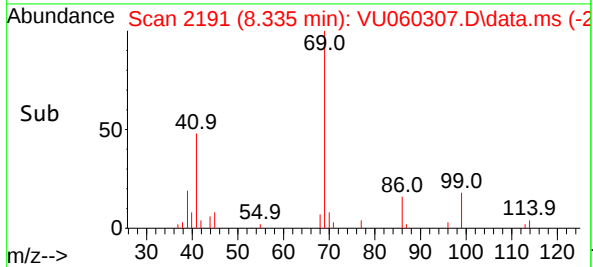
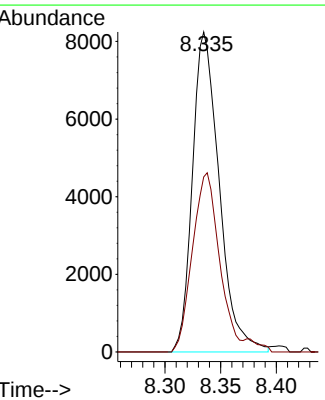
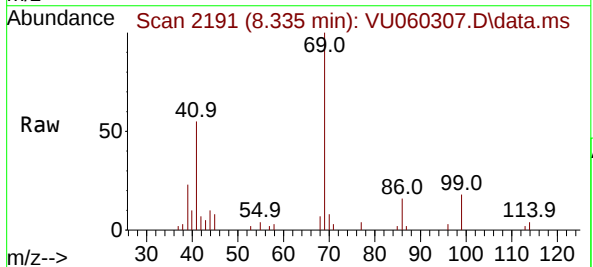
APPROVED

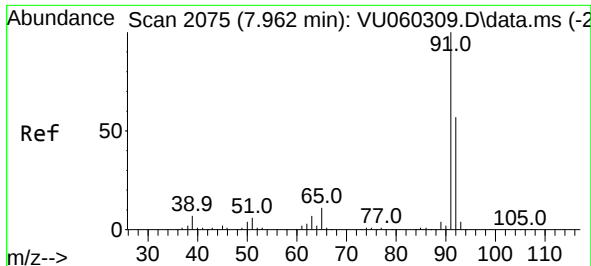
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024



#48
Ethyl methacrylate
Concen: 1.734 ug/l
RT: 8.335 min Scan# 2191
Delta R.T. -0.000 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

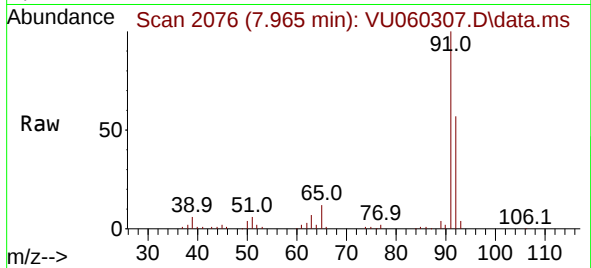
Tgt Ion: 69 Resp: 13760
Ion Ratio Lower Upper
69 100
41 56.5 27.5 82.5





#49
Toluene
Concen: 1.803 ug/l
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

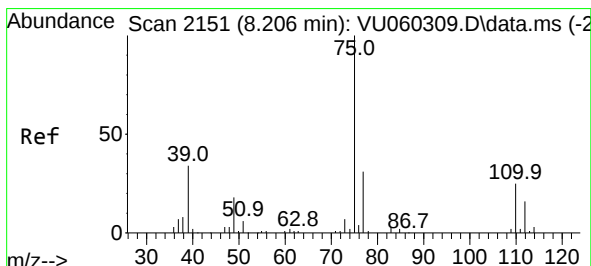
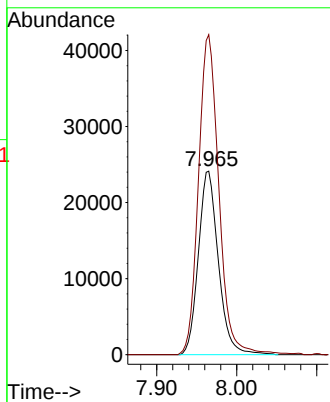
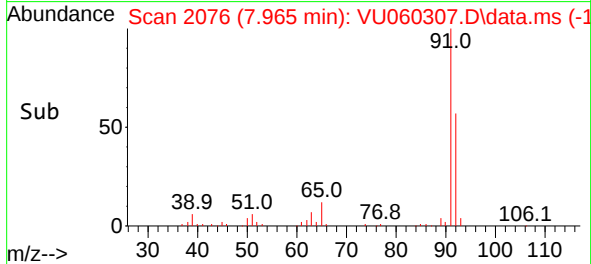
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 92 Resp: 42090
Ion Ratio Lower Upper
92 100
91 177.5 141.0 211.4

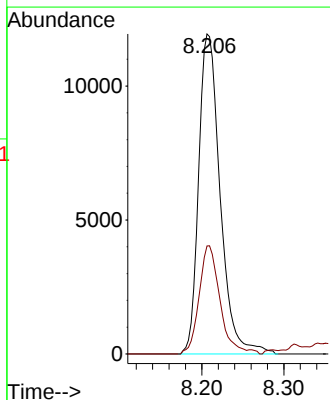
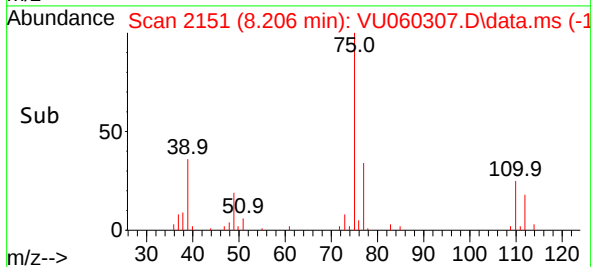
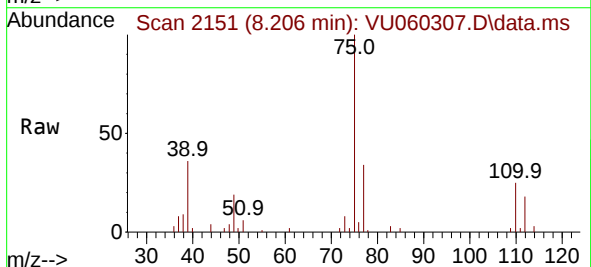
Manual Integrations
APPROVED

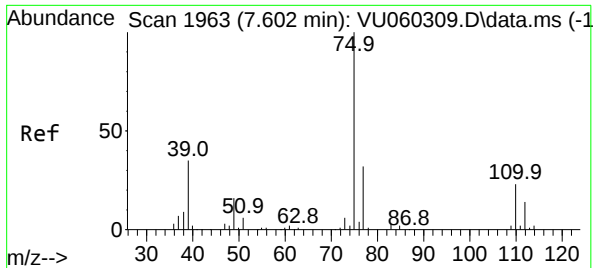
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024



#50
t-1,3-Dichloropropene
Concen: 1.904 ug/l
RT: 8.206 min Scan# 2151
Delta R.T. -0.000 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

Tgt Ion: 75 Resp: 21740
Ion Ratio Lower Upper
75 100
77 33.8 24.6 37.0





#51
 cis-1,3-Dichloropropene
 Concen: 1.885 ug/l
 RT: 7.605 min Scan# 1963
 Delta R.T. 0.003 min
 Lab File: VU060307.D
 Acq: 05 Aug 2024 11:36

Instrument :

MSVOA_U

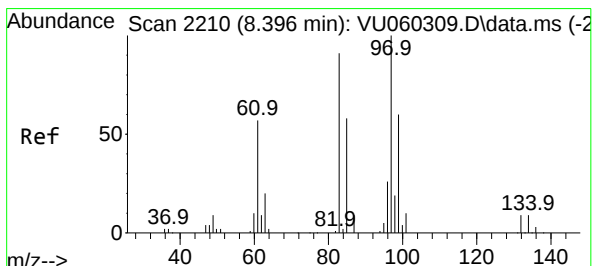
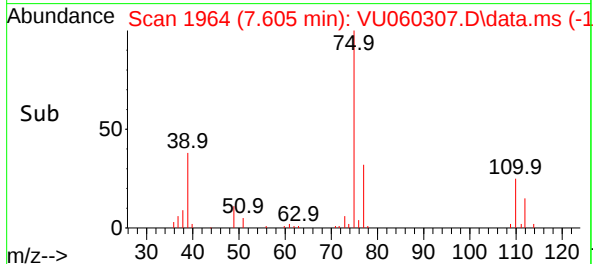
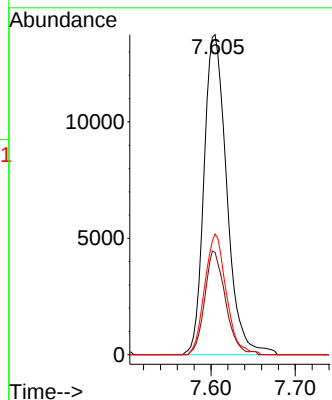
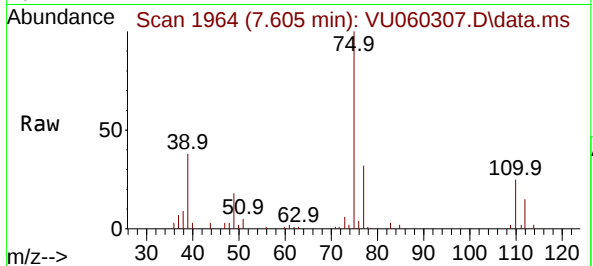
ClientSampleId :

VSTDIC002

Tgt Ion: 75 Resp: 2588
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.0
 39 37.7 28.0 42.0

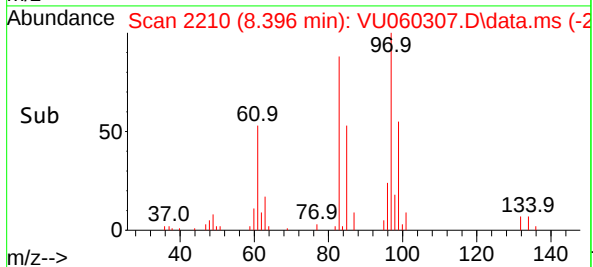
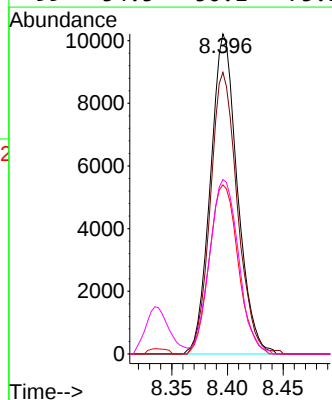
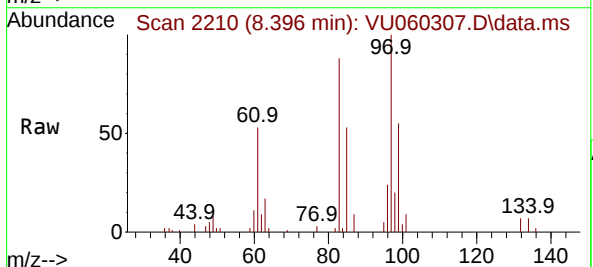
Manual Integrations
 APPROVED

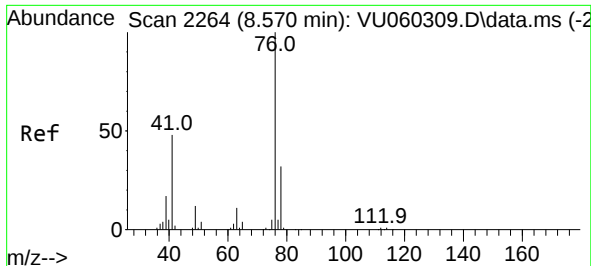
Reviewed By :Mahesh Dadoda 08/09/2024
 Supervised By :Semsettin Yesilyurt 08/09/2024



#52
 1,1,2-Trichloroethane
 Concen: 2.034 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. -0.000 min
 Lab File: VU060307.D
 Acq: 05 Aug 2024 11:36

Tgt Ion: 97 Resp: 17202
 Ion Ratio Lower Upper
 97 100
 83 88.0 73.0 109.4
 85 52.8 46.2 69.4
 99 54.5 50.1 75.1





#53
1,3-Dichloropropane
Concen: 1.937 ug/l
RT: 8.573 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

Instrument :

MSVOA_U

ClientSampleId :

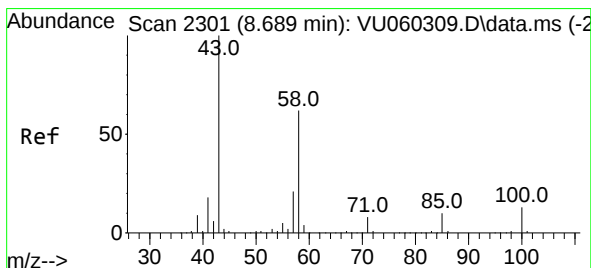
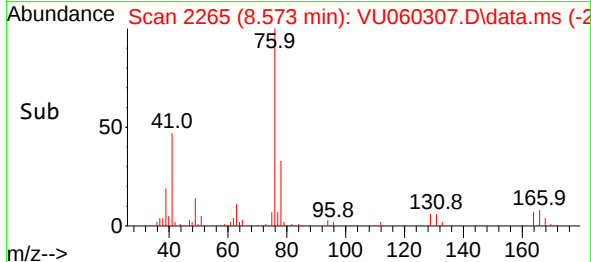
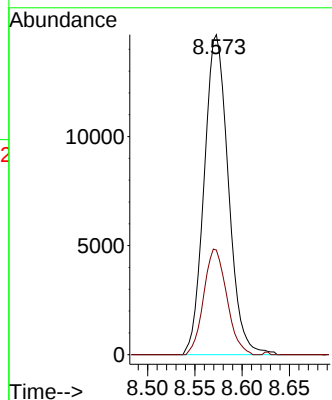
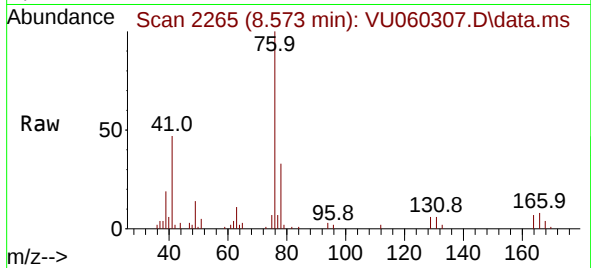
VSTDICC002

Tgt Ion: 76 Resp: 26134
Ion Ratio Lower Upper
76 100
78 31.5 26.2 39.2

Manual Integrations

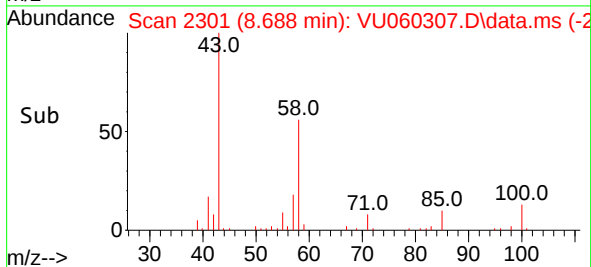
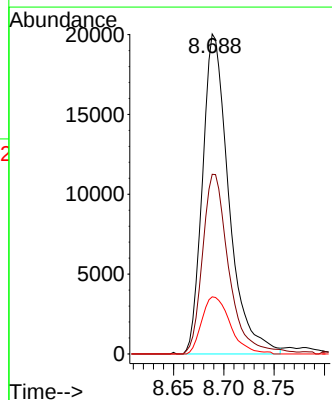
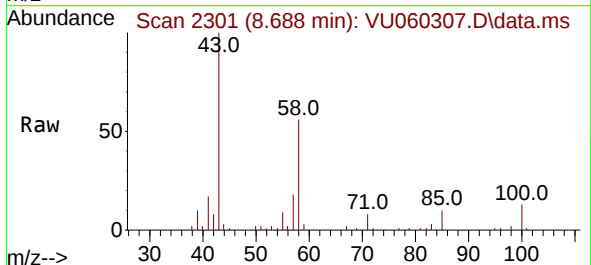
APPROVED

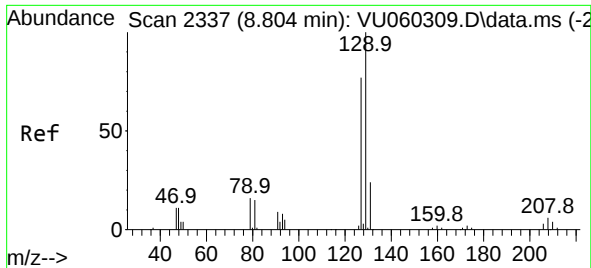
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024



#54
2-Hexanone
Concen: 8.708 ug/l
RT: 8.688 min Scan# 2301
Delta R.T. -0.000 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

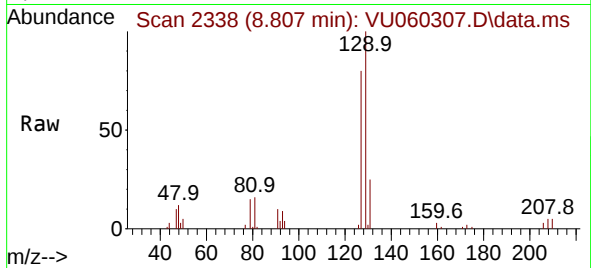
Tgt Ion: 43 Resp: 36509
Ion Ratio Lower Upper
43 100
58 56.2 40.1 80.1
57 19.3 0.3 40.3





#55
Dibromochloromethane
Concen: 1.884 ug/l
RT: 8.807 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

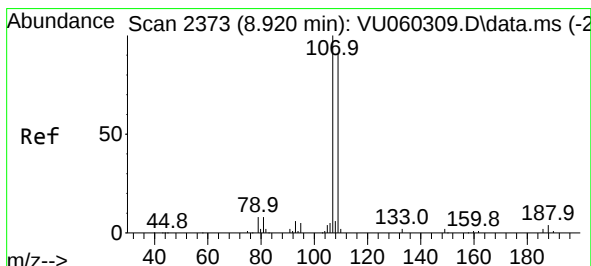
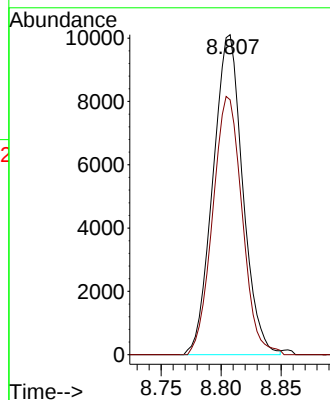
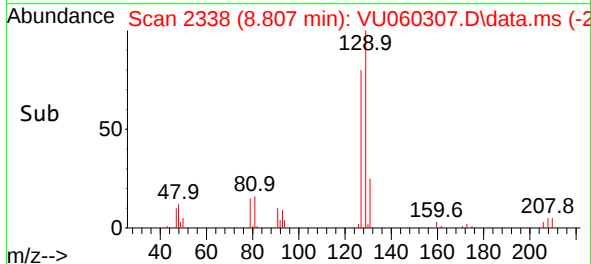
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



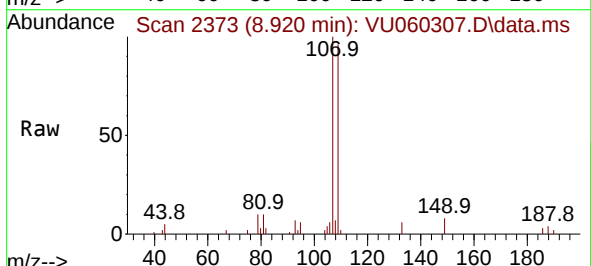
Tgt Ion:129 Resp: 17475
Ion Ratio Lower Upper
129 100
127 79.6 61.6 92.4

Manual Integrations
APPROVED

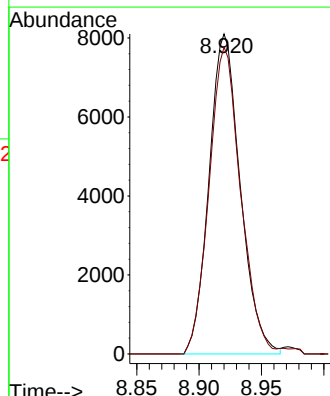
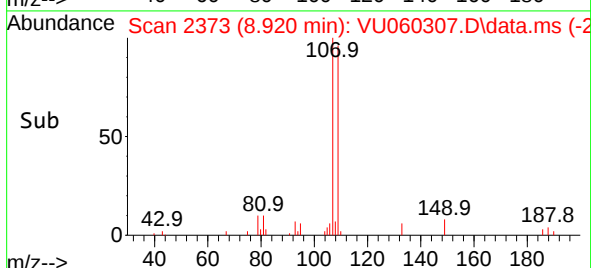
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024

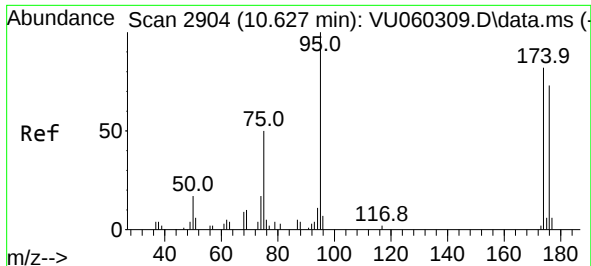


#56
1,2-Dibromoethane
Concen: 1.863 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. -0.000 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36



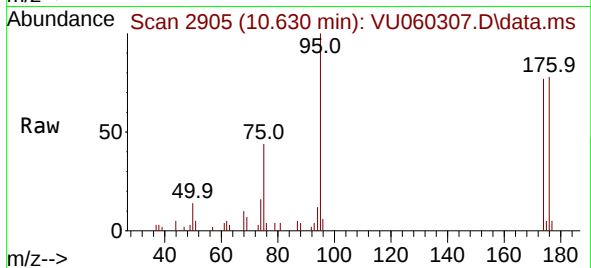
Tgt Ion:107 Resp: 14129
Ion Ratio Lower Upper
107 100
109 96.7 0.0 184.0





#57
4-Bromofluorobenzene
Concen: 0.985 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

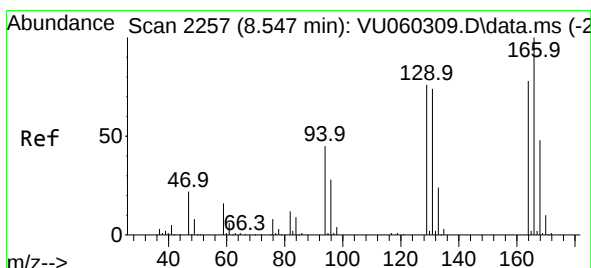
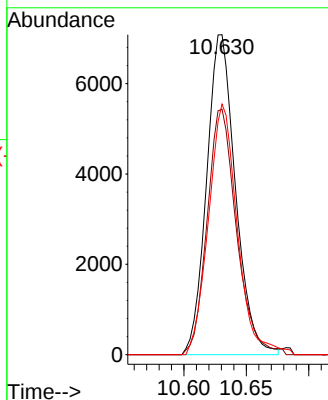
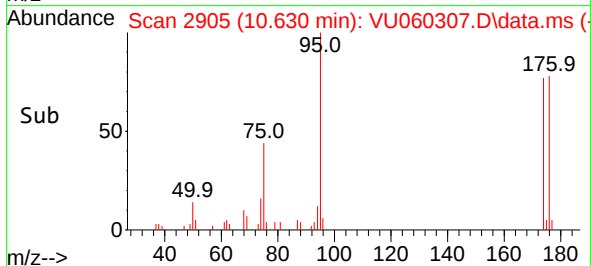
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



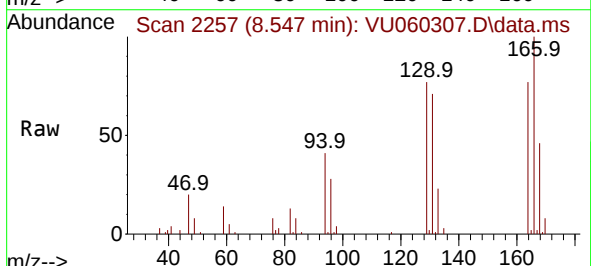
Tgt Ion: 95 Resp: 11435
Ion Ratio Lower Upper
95 100
174 78.1 65.6 98.4
176 78.1 60.4 90.6

Manual Integrations
APPROVED

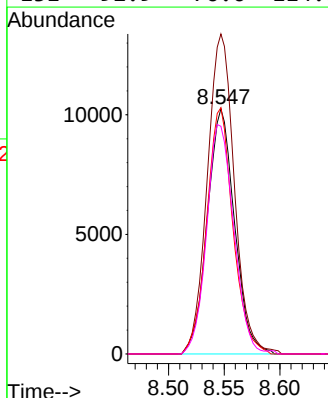
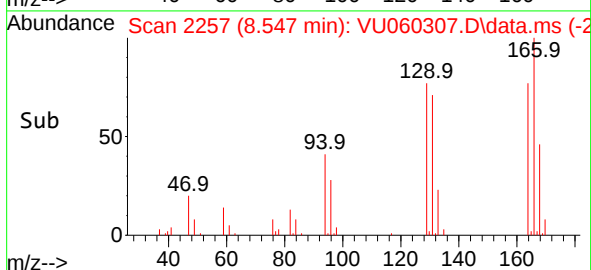
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024

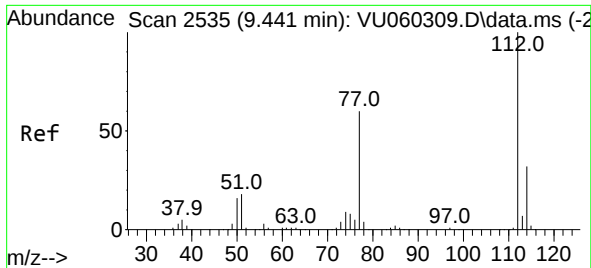


#58
Tetrachloroethene
Concen: 1.874 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36



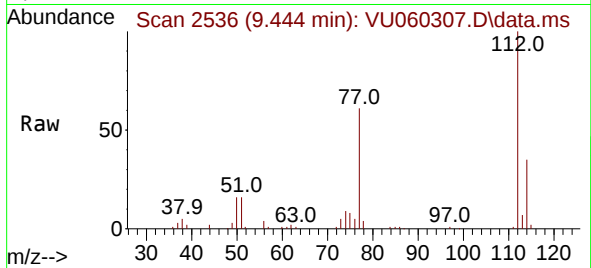
Tgt Ion:164 Resp: 17452
Ion Ratio Lower Upper
164 100
166 130.6 102.9 154.3
129 100.5 78.0 117.0
131 92.9 76.6 114.8





#59
Chlorobenzene
Concen: 1.821 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

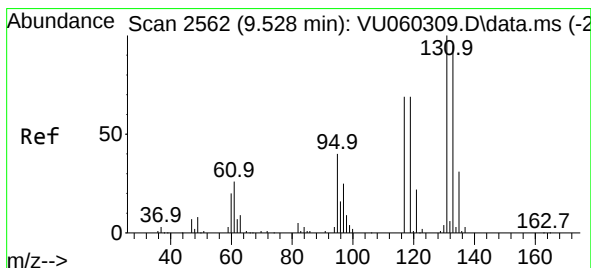
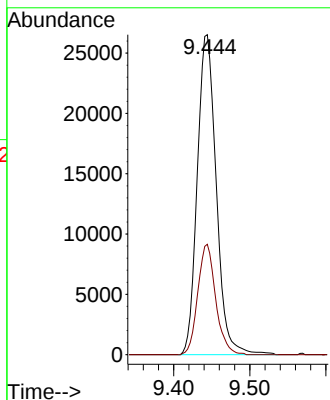
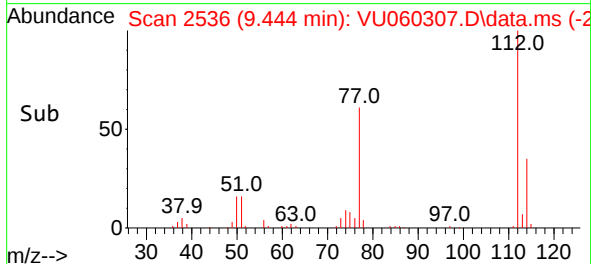
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



Tgt Ion:112 Resp: 4602
Ion Ratio Lower Upper
112 100
114 34.5 25.3 37.9

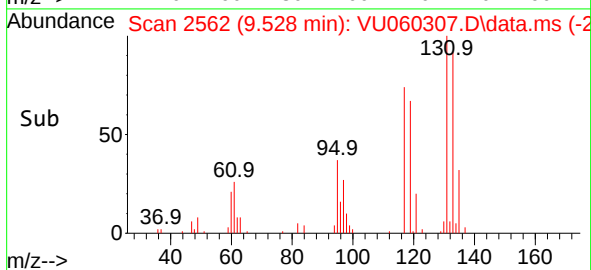
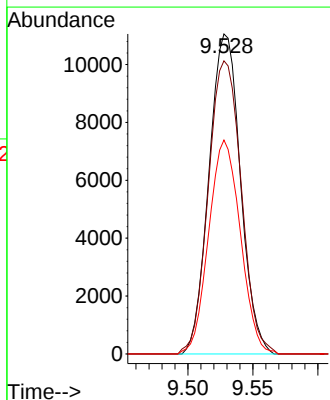
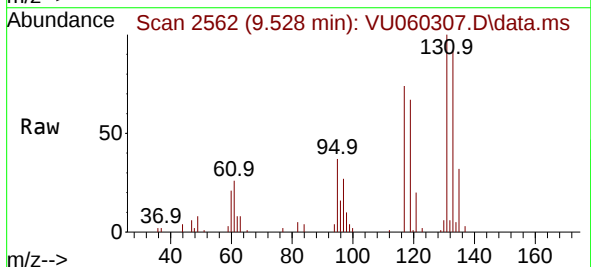
Manual Integrations
APPROVED

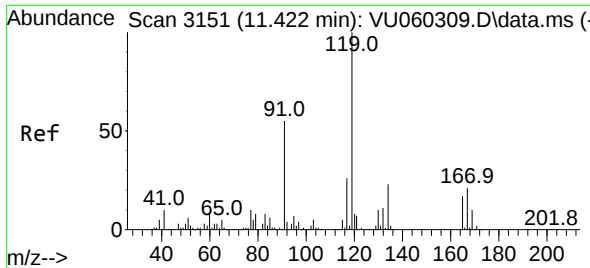
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024



#60
1,1,1,2-Tetrachloroethane
Concen: 1.865 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

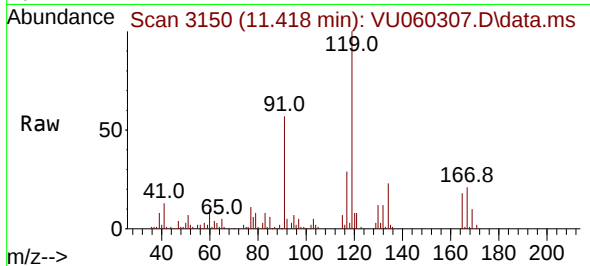
Tgt Ion:131 Resp: 18574
Ion Ratio Lower Upper
131 100
133 95.9 77.2 115.8
119 67.4 55.4 83.2





#61
 Pentachloroethane
 Concen: 1.880 ug/l
 RT: 11.418 min Scan# 3150
 Delta R.T. -0.003 min
 Lab File: VU060307.D
 Acq: 05 Aug 2024 11:36

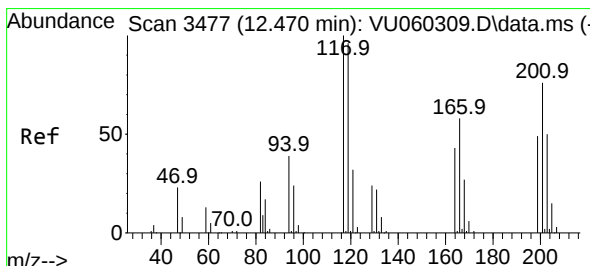
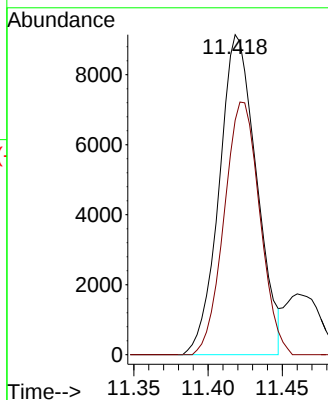
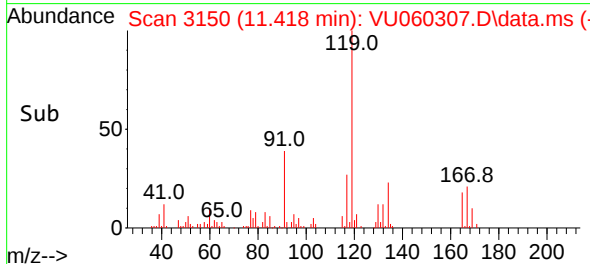
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC002



Tgt Ion:117 Resp: 15980
 Ion Ratio Lower Upper
 117 100
 167 75.5 62.2 93.4

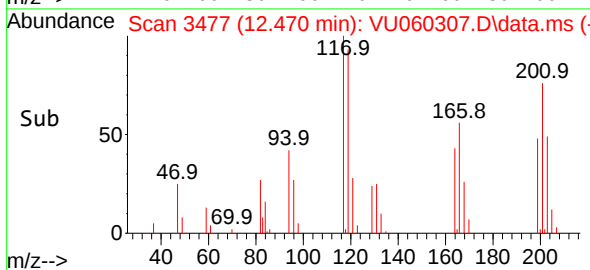
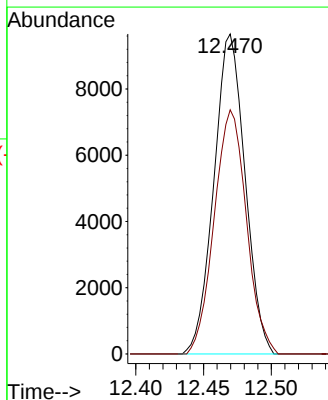
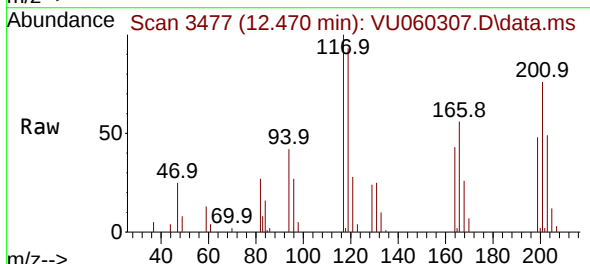
Manual Integrations
 APPROVED

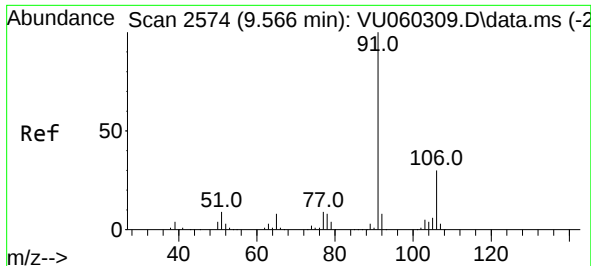
Reviewed By :Mahesh Dadoda 08/09/2024
 Supervised By :Semsettin Yesilyurt 08/09/2024



#62
 Hexachloroethane
 Concen: 1.878 ug/l
 RT: 12.470 min Scan# 3477
 Delta R.T. -0.000 min
 Lab File: VU060307.D
 Acq: 05 Aug 2024 11:36

Tgt Ion:117 Resp: 15442
 Ion Ratio Lower Upper
 117 100
 201 78.8 62.7 94.1





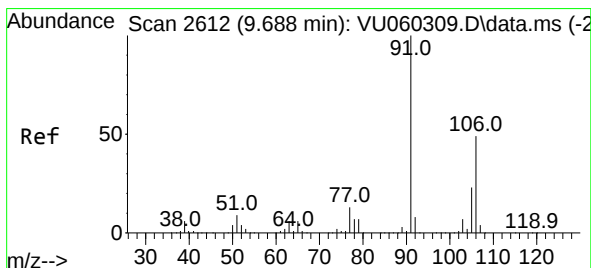
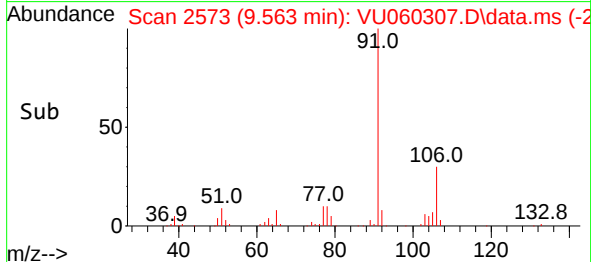
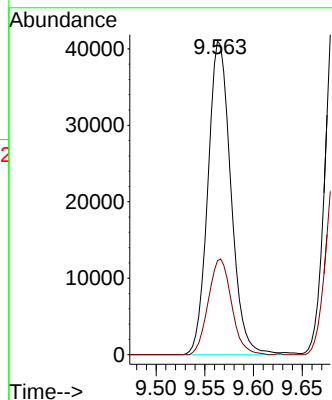
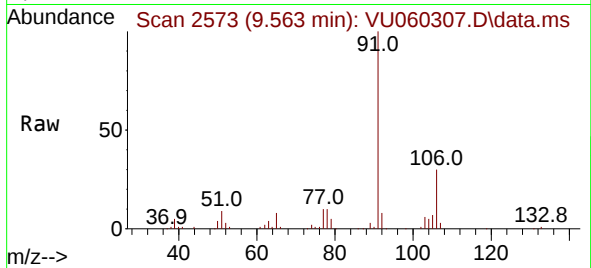
#63
Ethyl Benzene
Concen: 1.803 ug/l
RT: 9.563 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 67229
Ion Ratio Lower Upper
91 100
106 29.9 24.4 36.6

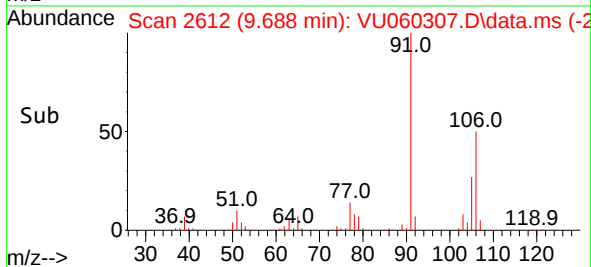
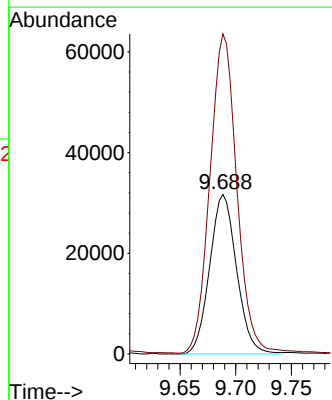
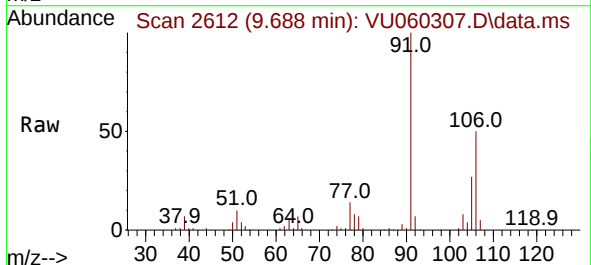
Manual Integrations
APPROVED

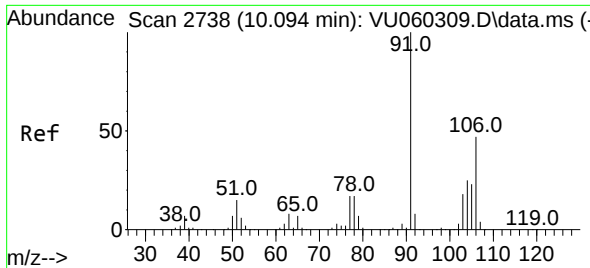
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024



#64
m/p-Xylenes
Concen: 3.497 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

Tgt Ion:106 Resp: 53207
Ion Ratio Lower Upper
106 100
91 200.9 165.0 247.4





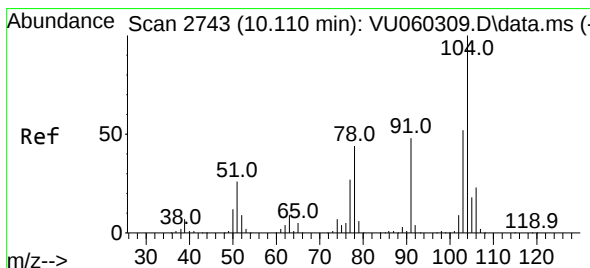
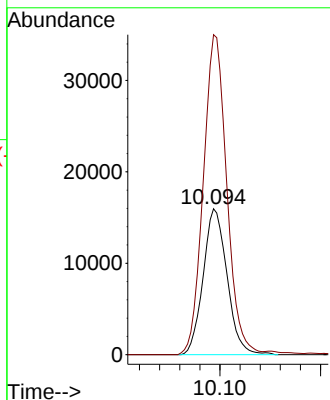
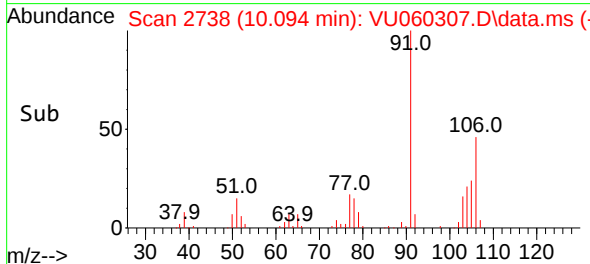
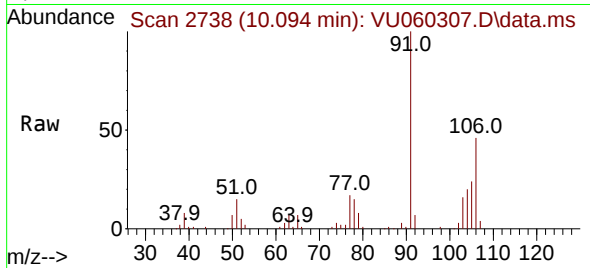
#65
o-Xylene
Concen: 1.807 ug/l
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:106 Resp: 2633
Ion Ratio Lower Upper
106 100
91 215.4 108.8 326.4

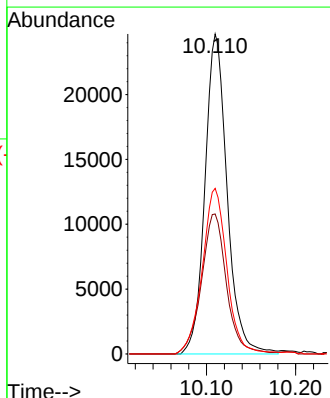
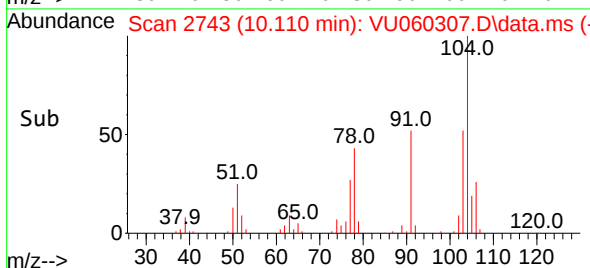
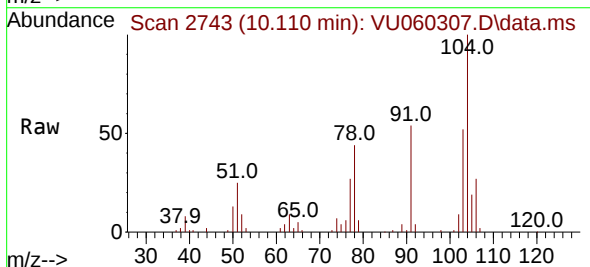
Manual Integrations
APPROVED

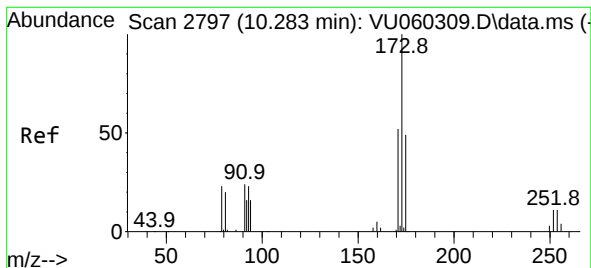
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024



#66
Styrene
Concen: 1.754 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

Tgt Ion:104 Resp: 42670
Ion Ratio Lower Upper
104 100
78 49.2 39.0 58.6
103 57.5 45.0 67.6





#67

Bromoform

Concen: 1.961 ug/l

RT: 10.286 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU060307.D

Acq: 05 Aug 2024 11:36

Instrument :

MSVOA_U

ClientSampleId :

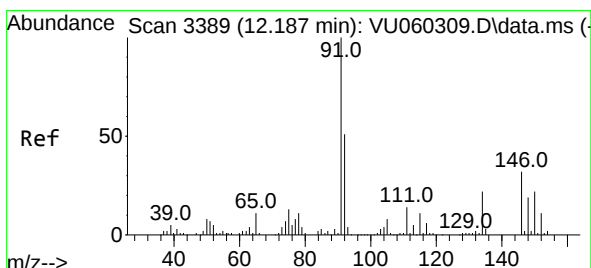
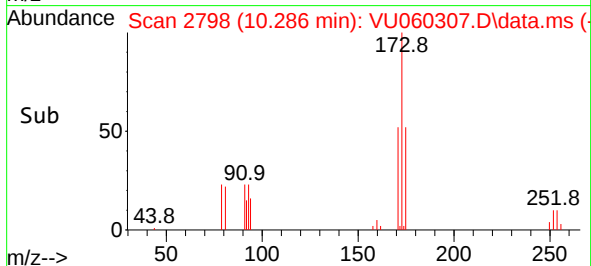
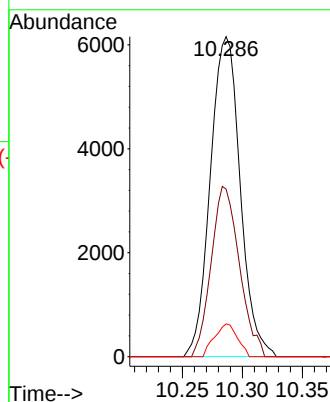
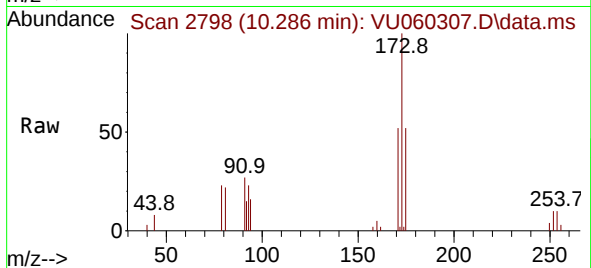
VSTDICC002

Tgt Ion:173	Resp:	10652
Ion Ratio	Lower	Upper
173	100	
175	50.2	39.7 59.5
254	7.9	8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024



#68

1,2-Dichlorobenzene-d4

Concen: 1.002 ug/l

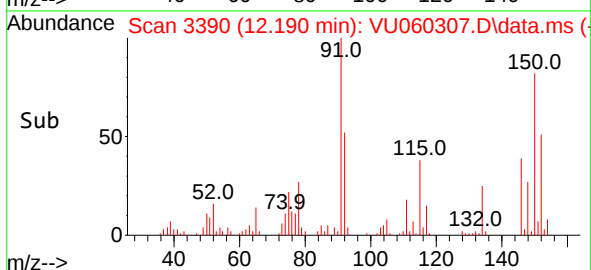
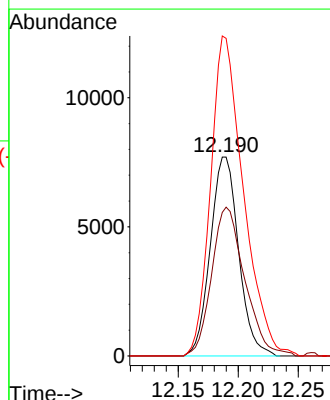
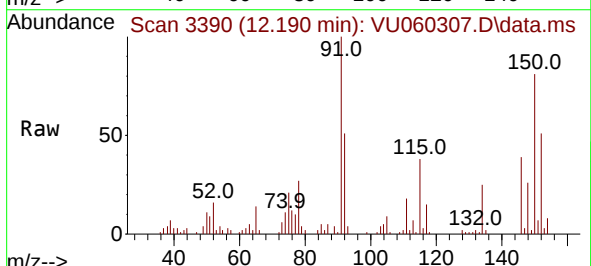
RT: 12.190 min Scan# 3390

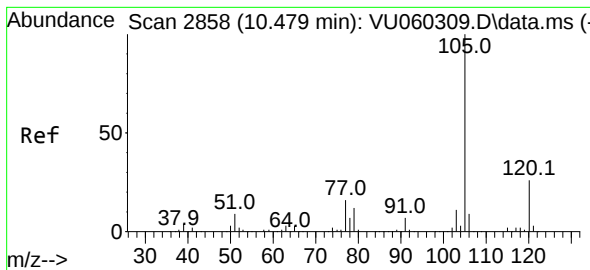
Delta R.T. 0.003 min

Lab File: VU060307.D

Acq: 05 Aug 2024 11:36

Tgt Ion:152	Resp:	12635
Ion Ratio	Lower	Upper
152	100	
115	87.5	0.0 325.2
150	186.3	0.0 684.2





#69

Isopropylbenzene

Concen: 1.808 ug/l

RT: 10.479 min Scan# 2858

Delta R.T. -0.000 min

Lab File: VU060307.D

Acq: 05 Aug 2024 11:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion:105 Resp: 6669

Ion Ratio Lower Upper

105 100

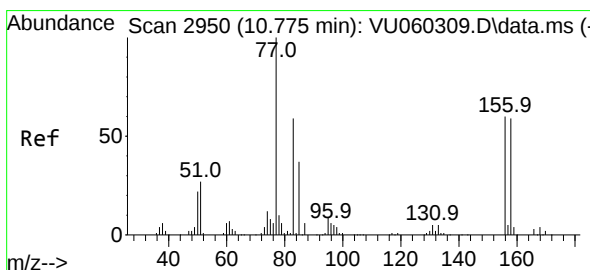
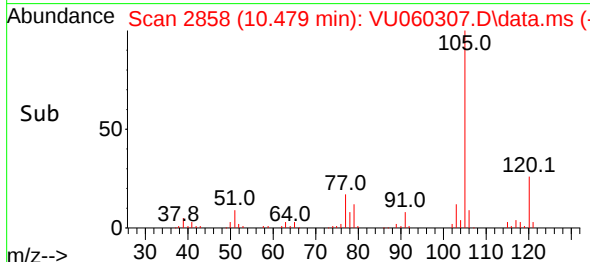
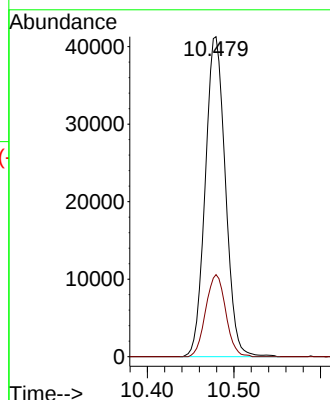
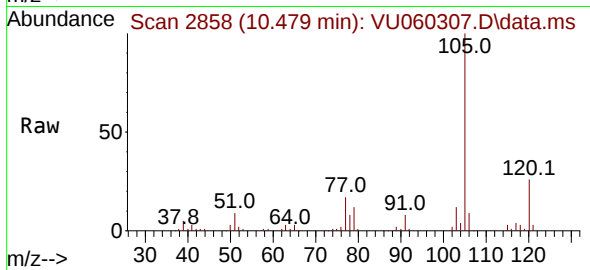
120 25.5 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/09/2024

Supervised By :Semsettin Yesilyurt 08/09/2024



#70

1,1,2,2-Tetrachloroethane

Concen: 1.991 ug/l

RT: 10.778 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VU060307.D

Acq: 05 Aug 2024 11:36

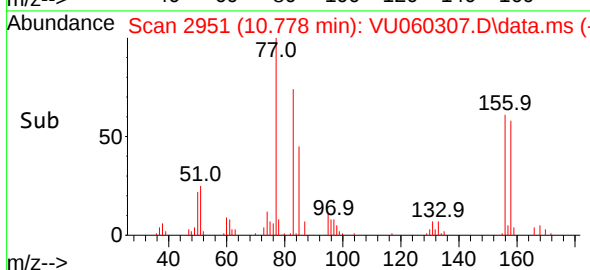
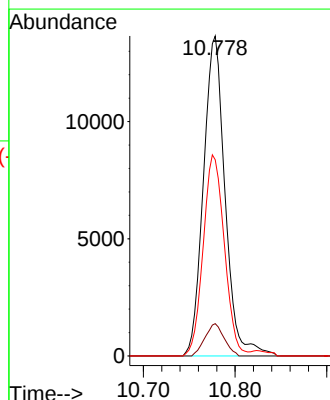
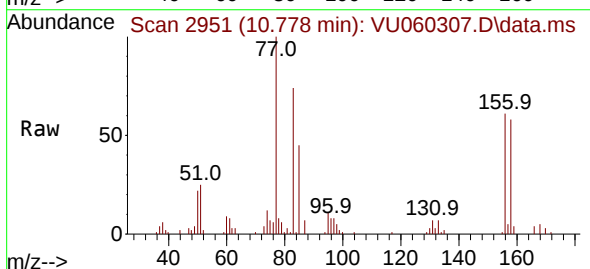
Tgt Ion: 83 Resp: 22404

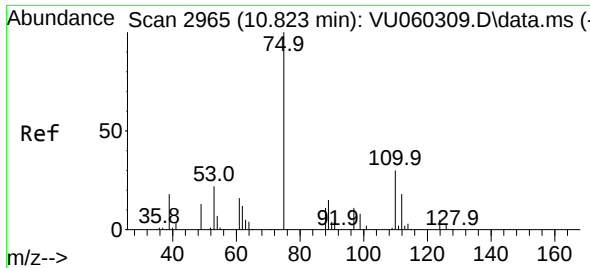
Ion Ratio Lower Upper

83 100

131 8.9 7.1 10.7

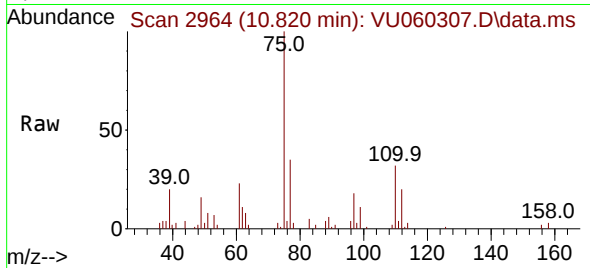
85 61.4 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 1.942 ug/l m
RT: 10.820 min Scan# 2964
Delta R.T. -0.003 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

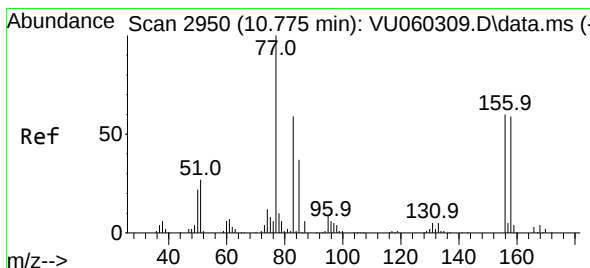
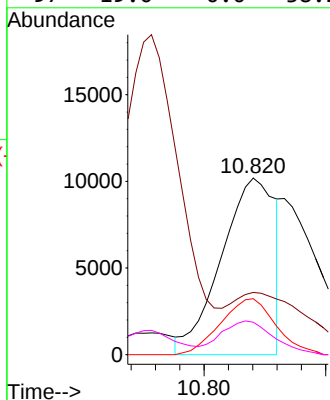
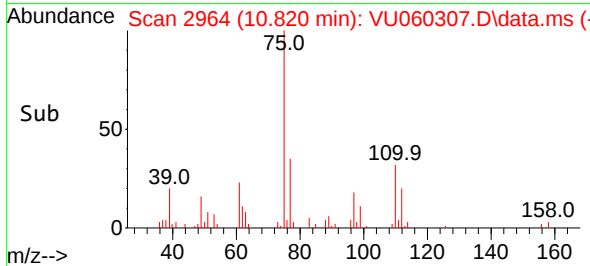
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



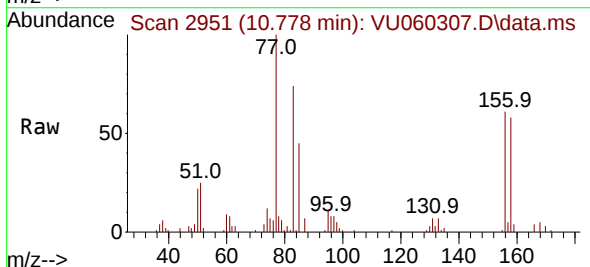
Tgt Ion:	75	Resp:	1561
Ion Ratio	Lower	Upper	
75	100		
77	47.2	0.0	102.2
110	32.6	0.0	67.4
97	19.0	0.0	38.2

Manual Integrations
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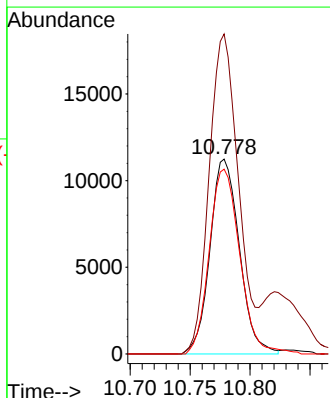
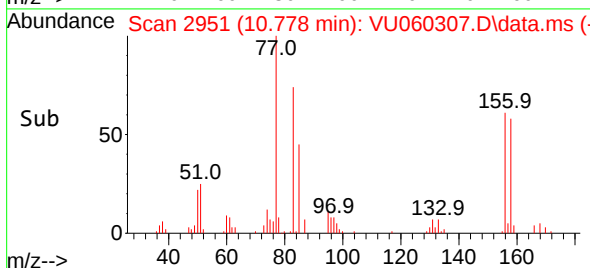
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024

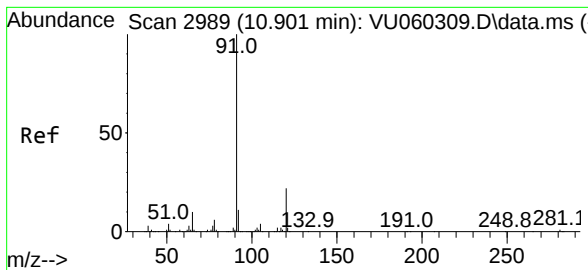


#72
Bromobenzene
Concen: 1.846 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36



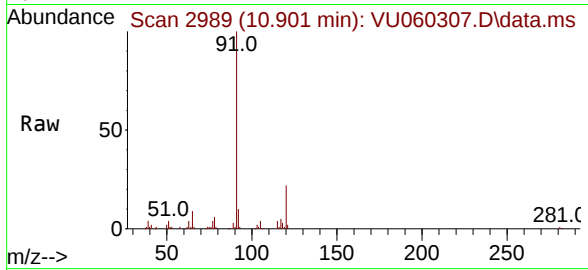
Tgt Ion:	156	Resp:	19155
Ion Ratio	Lower	Upper	
156	100		
77	164.3	0.0	327.2
158	98.8	0.0	193.8





#73
n-propylbenzene
Concen: 1.753 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. -0.000 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

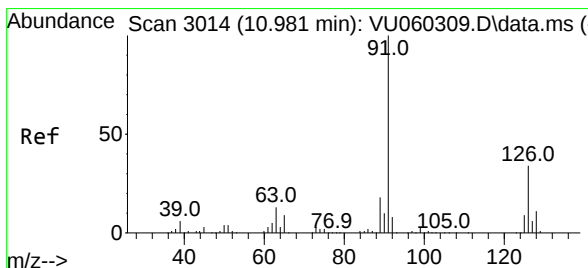
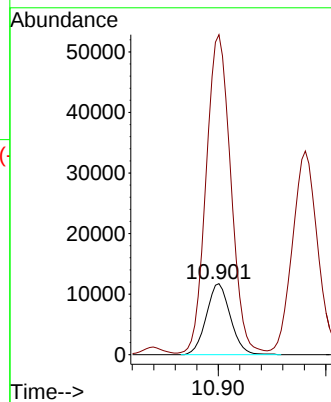
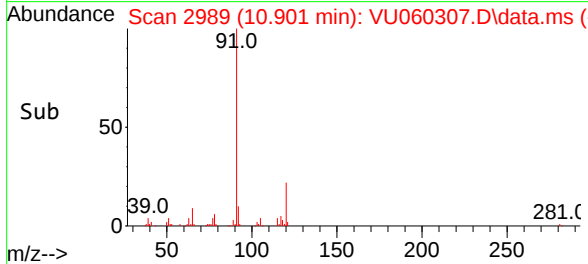
Instrument : MSVOA_U
ClientSampleId : VSTDIC002



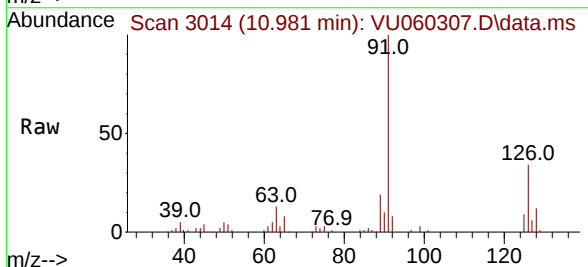
Tgt Ion:120 Resp: 18184
Ion Ratio Lower Upper
120 100
91 462.3 362.2 543.2

Manual Integrations
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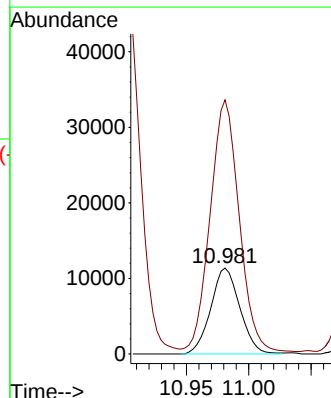
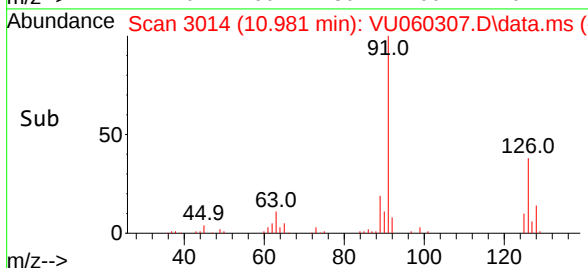
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024

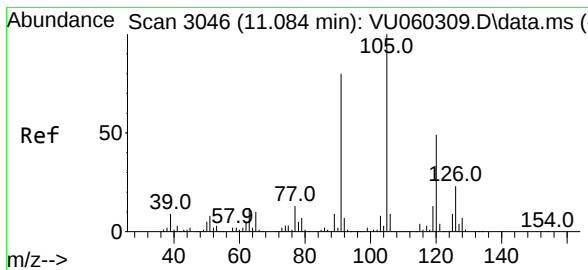


#74
2-Chlorotoluene
Concen: 1.793 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. -0.000 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36



Tgt Ion:126 Resp: 18439
Ion Ratio Lower Upper
126 100
91 293.4 0.0 585.6





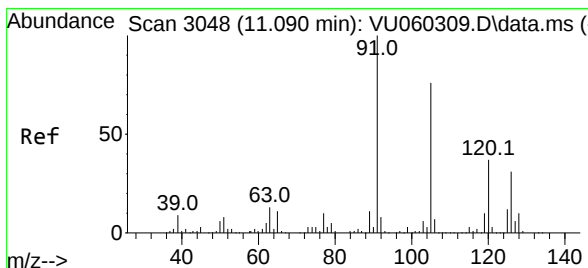
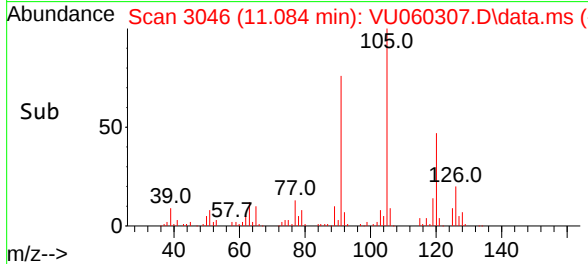
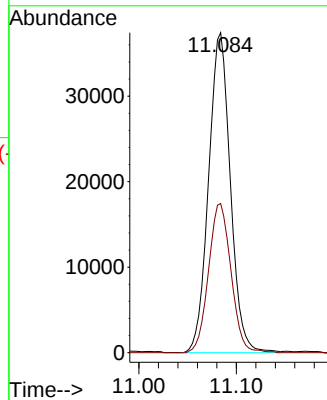
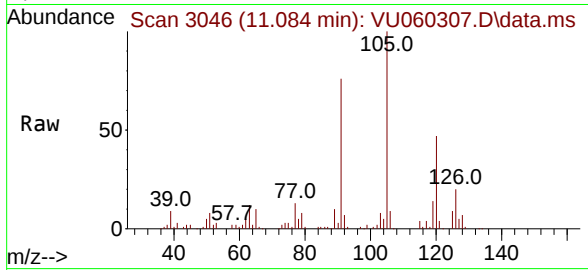
#75
1,3,5-Trimethylbenzene
Concen: 1.761 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:105 Resp: 58079
Ion Ratio Lower Upper
105 100
120 48.0 38.6 57.8

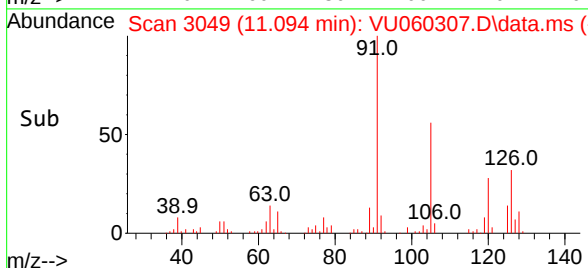
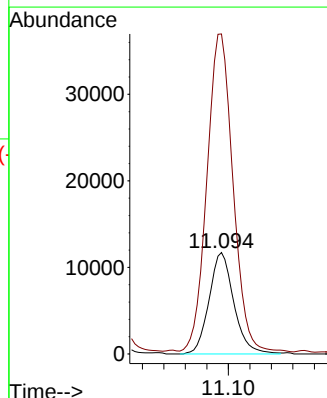
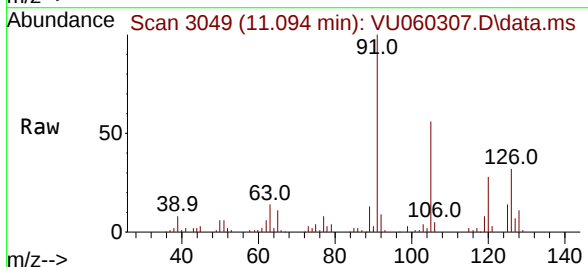
Manual Integrations
APPROVED

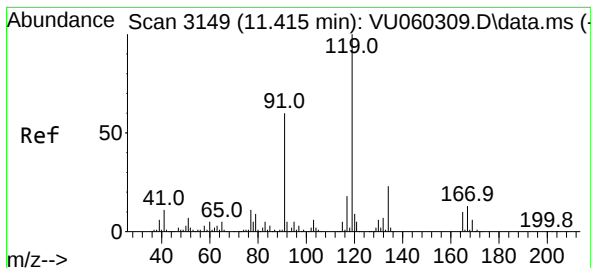
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024



#76
4-Chlorotoluene
Concen: 1.762 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.003 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

Tgt Ion:126 Resp: 18705
Ion Ratio Lower Upper
126 100
91 331.2 0.0 669.4





#77

tert-Butylbenzene

Concen: 1.823 ug/l

RT: 11.415 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VU060307.D

Acq: 05 Aug 2024 11:36

Instrument :

MSVOA_U

ClientSampleId :

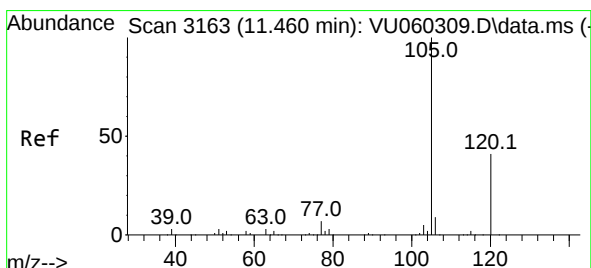
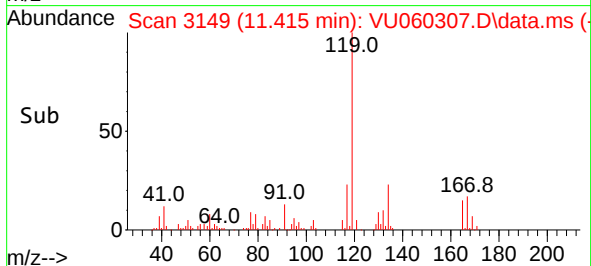
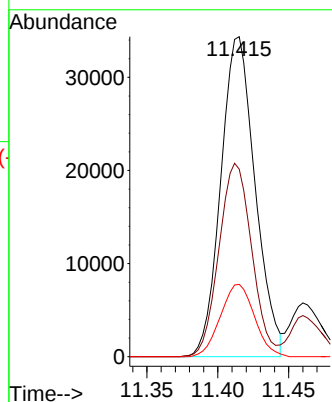
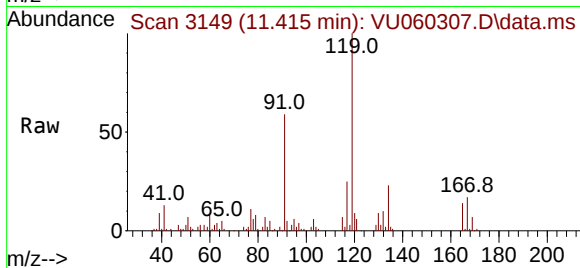
VSTDICC002

Tgt Ion:	119	Resp:	5792
Ion Ratio	Lower	Upper	
119	100		
91	57.6	29.0	87.1
134	22.4	17.8	26.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024



#78

1,2,4-Trimethylbenzene

Concen: 1.783 ug/l

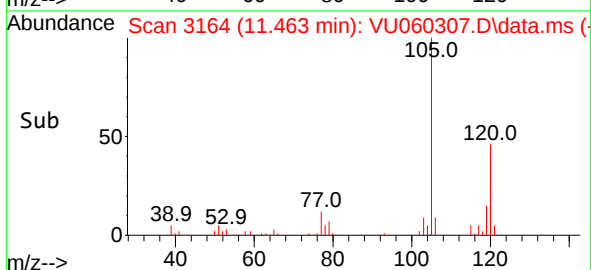
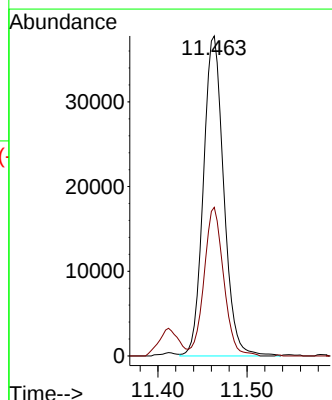
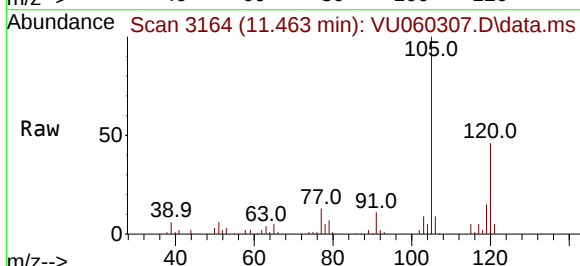
RT: 11.463 min Scan# 3164

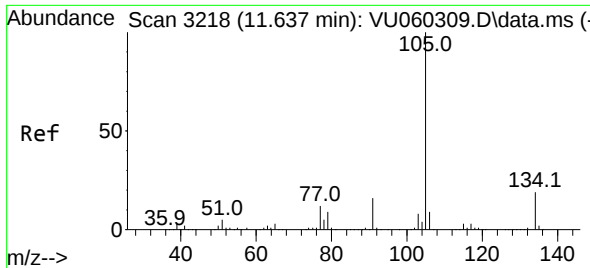
Delta R.T. 0.003 min

Lab File: VU060307.D

Acq: 05 Aug 2024 11:36

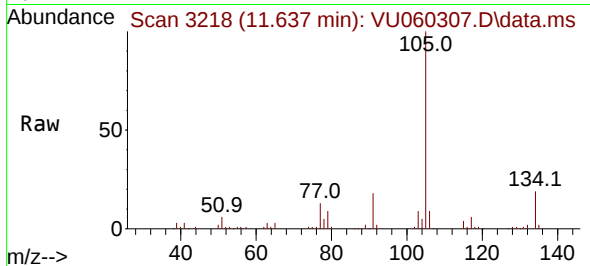
Tgt Ion:	105	Resp:	60009
Ion Ratio	Lower	Upper	
105	100		
120	44.5	22.6	67.7





#79
 sec-Butylbenzene
 Concen: 1.801 ug/l
 RT: 11.637 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU060307.D
 Acq: 05 Aug 2024 11:36

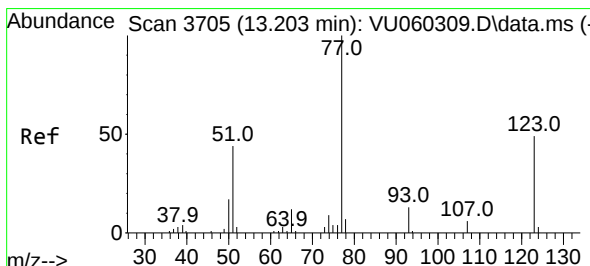
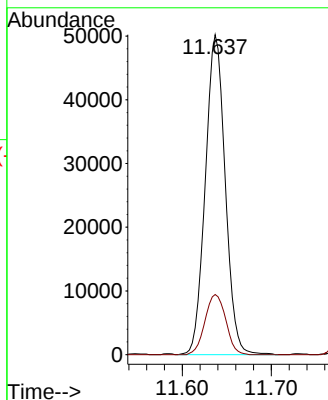
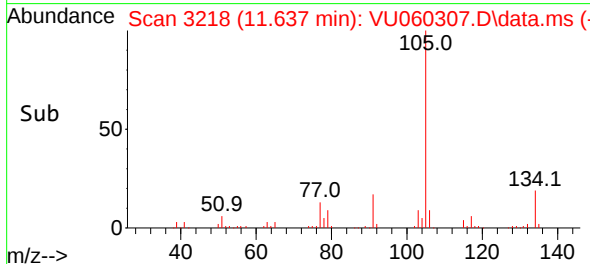
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002



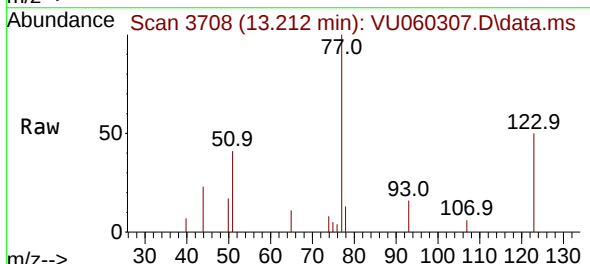
Tgt Ion:105 Resp: 7777
 Ion Ratio Lower Upper
 105 100
 134 19.6 15.5 23.3

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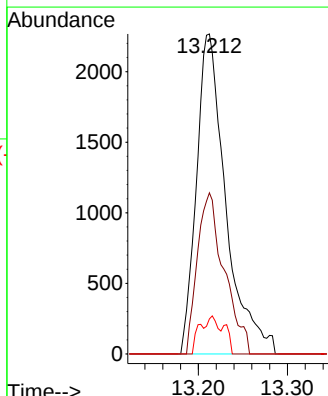
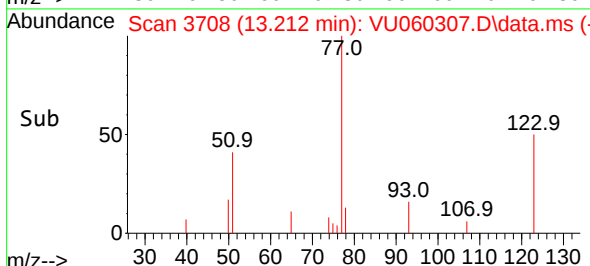
Reviewed By :Mahesh Dadoda 08/09/2024
 Supervised By :Semsettin Yesilyurt 08/09/2024

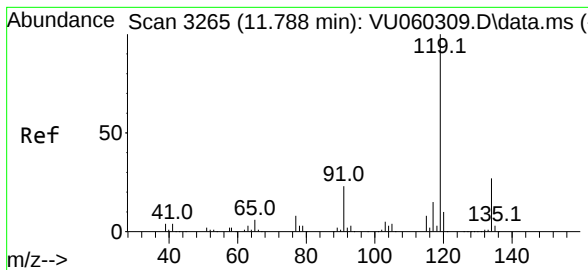


#80
 Nitrobenzene
 Concen: 10.295 ug/l
 RT: 13.212 min Scan# 3708
 Delta R.T. 0.010 min
 Lab File: VU060307.D
 Acq: 05 Aug 2024 11:36



Tgt Ion: 77 Resp: 5192
 Ion Ratio Lower Upper
 77 100
 123 45.9 19.6 69.6
 65 1.0 9.0 11.4#





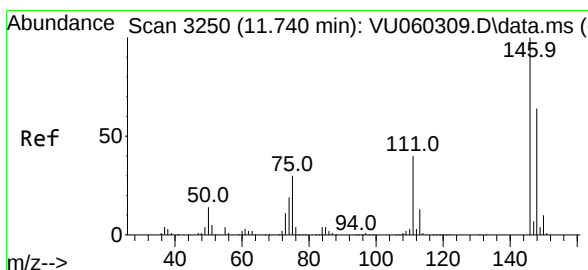
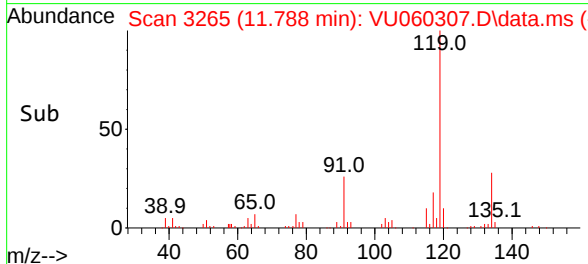
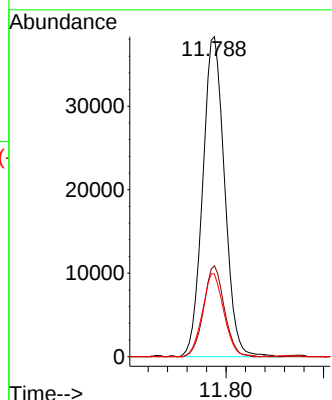
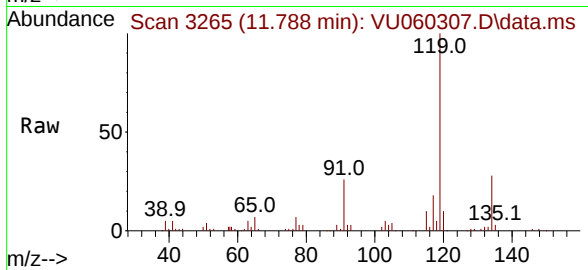
#81
p-Isopropyltoluene
Concen: 1.754 ug/l
RT: 11.788 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:119 Resp: 59589
Ion Ratio Lower Upper
119 100
134 26.8 21.2 31.8
91 25.5 18.9 28.3

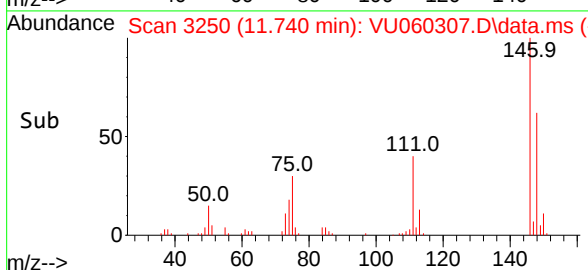
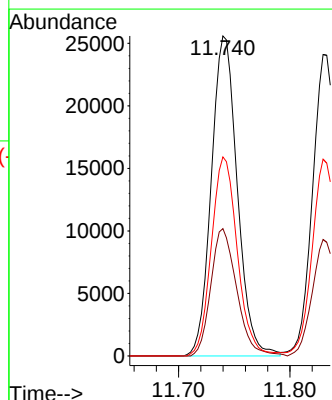
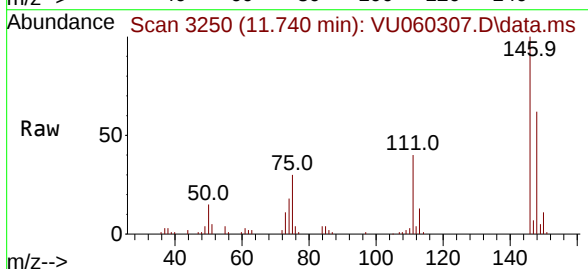
Manual Integrations
APPROVED

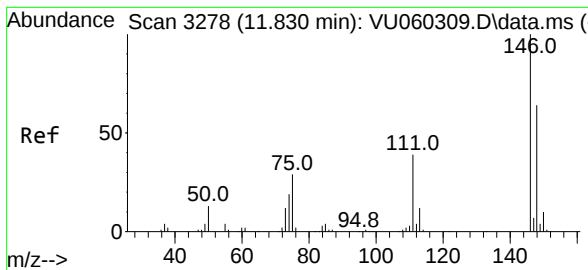
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024



#82
1,3-Dichlorobenzene
Concen: 1.916 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

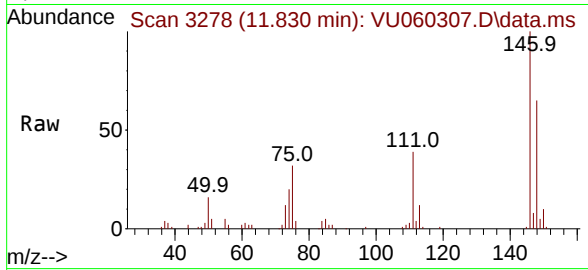
Tgt Ion:146 Resp: 41489
Ion Ratio Lower Upper
146 100
111 39.5 32.0 48.0
148 62.3 51.4 77.0





#83
1,4-Dichlorobenzene
Concen: 1.879 ug/l
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

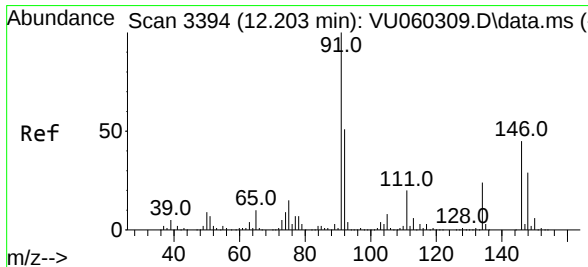
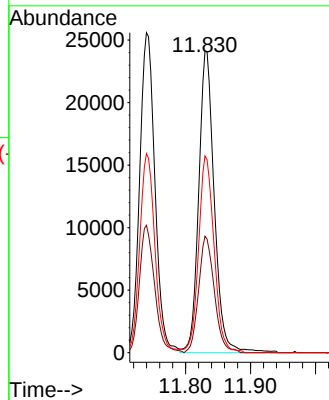
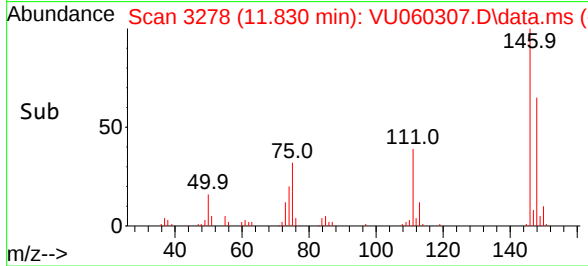
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



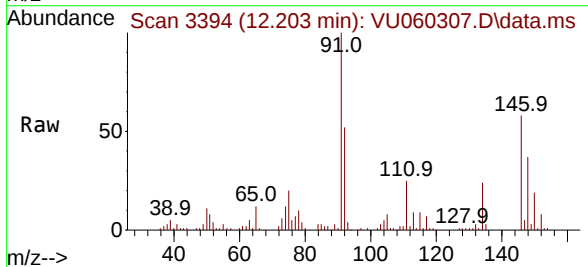
Tgt Ion:146 Resp: 4039
Ion Ratio Lower Upper
146 100
111 38.8 30.9 46.3
148 64.7 51.8 77.6

Manual Integrations
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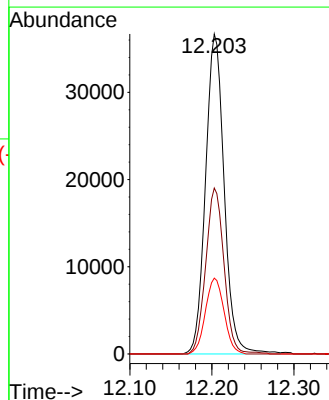
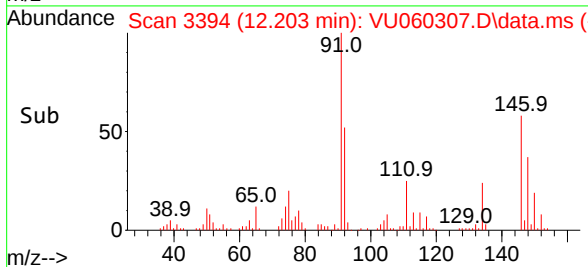
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024

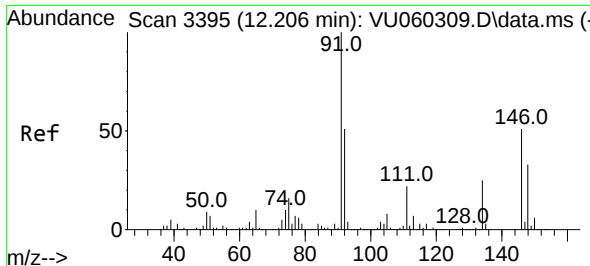


#84
n-Butylbenzene
Concen: 1.749 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. -0.000 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36



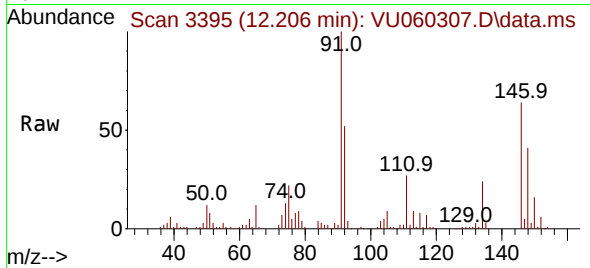
Tgt Ion: 91 Resp: 57870
Ion Ratio Lower Upper
91 100
92 50.9 41.0 61.6
134 23.7 19.4 29.2





#85
1,2-Dichlorobenzene
Concen: 1.853 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. -0.000 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

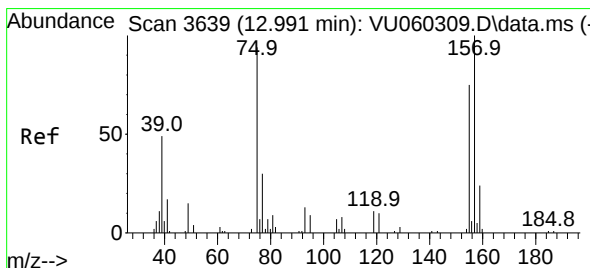
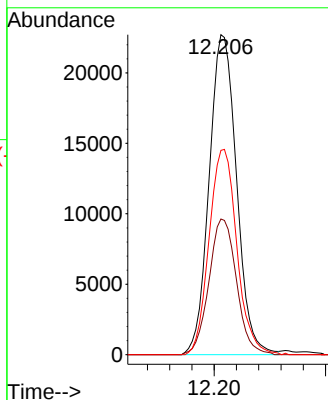
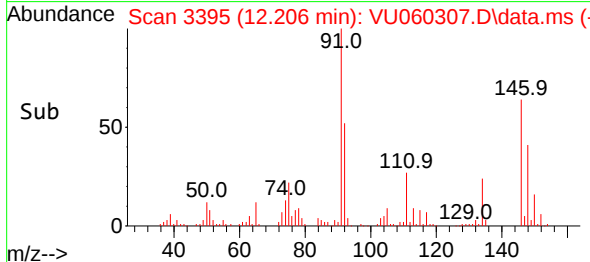
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion:146 Resp: 3880
Ion Ratio Lower Upper
146 100
111 42.6 21.3 63.7
148 65.2 32.0 96.0

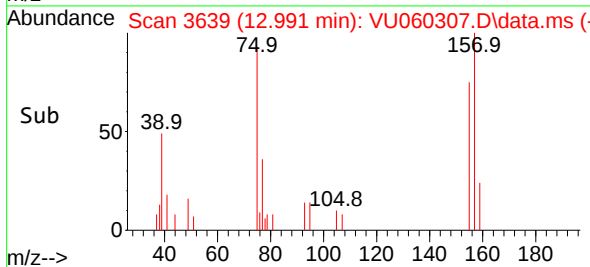
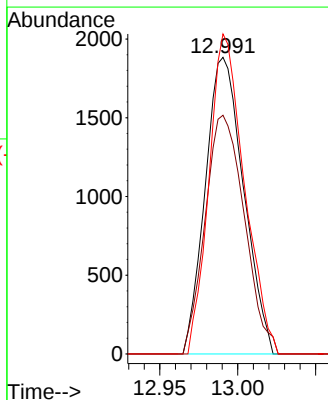
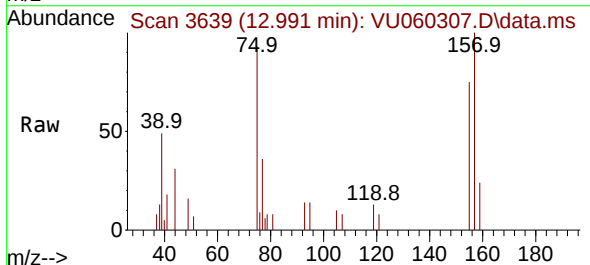
Manual Integrations
APPROVED

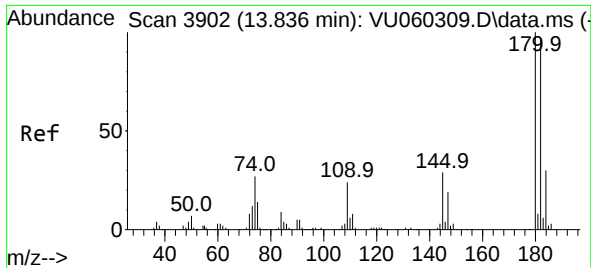
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024



#86
1,2-Dibromo-3-Chloropropane
Concen: 1.974 ug/l
RT: 12.991 min Scan# 3639
Delta R.T. -0.000 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

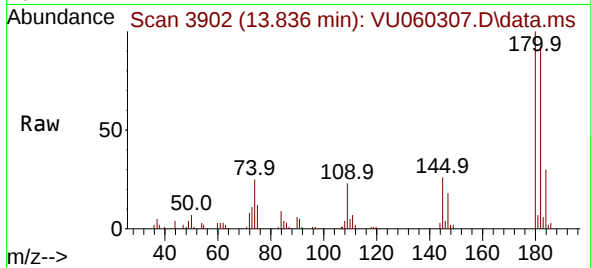
Tgt Ion: 75 Resp: 3221
Ion Ratio Lower Upper
75 100
155 82.5 66.1 99.1
157 99.4 85.0 127.4





#87
1,2,4-Trichlorobenzene
Concen: 1.814 ug/l
RT: 13.836 min Scan# 3902
Delta R.T. -0.000 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36

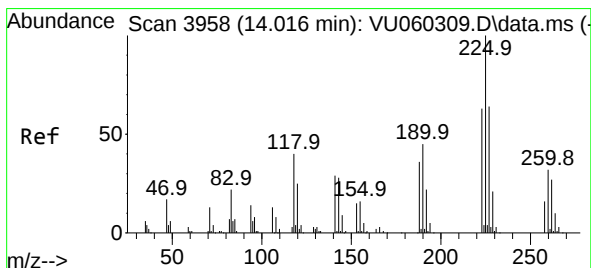
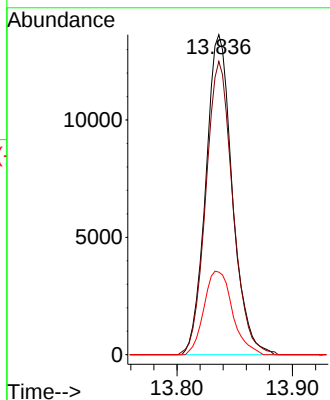
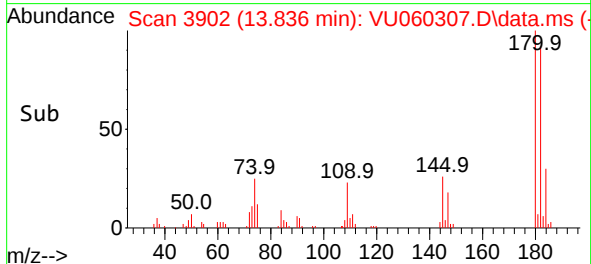
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



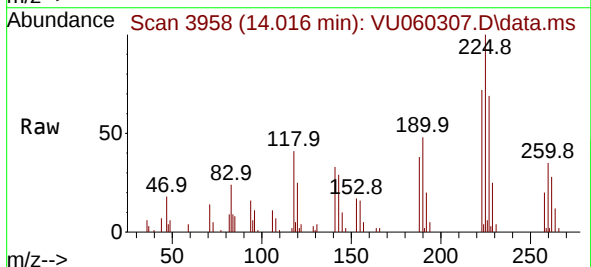
Tgt Ion:180 Resp: 2173
Ion Ratio Lower Upper
180 100
182 93.3 76.8 115.2
145 28.0 23.4 35.0

Manual Integrations
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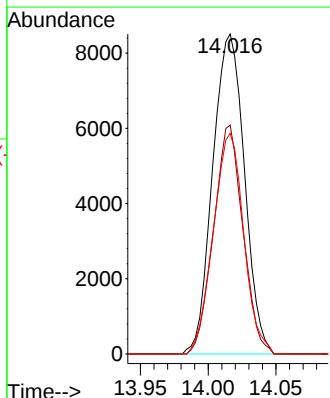
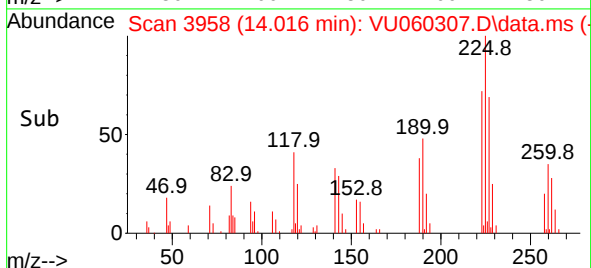
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024

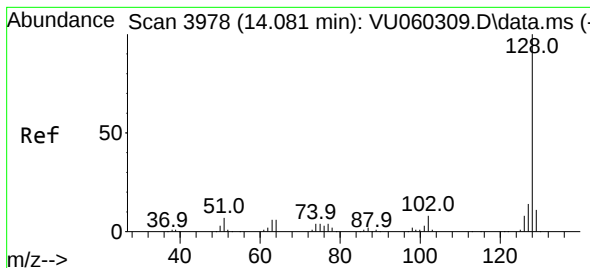


#88
Hexachlorobutadiene
Concen: 1.789 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. -0.000 min
Lab File: VU060307.D
Acq: 05 Aug 2024 11:36



Tgt Ion:225 Resp: 13854
Ion Ratio Lower Upper
225 100
223 65.9 50.8 76.2
227 66.1 50.8 76.2





#89

Naphthalene

Concen: 1.863 ug/l

RT: 14.084 min Scan# 3978

Delta R.T. 0.003 min

Lab File: VU060307.D

Acq: 05 Aug 2024 11:36

Instrument :

MSVOA_U

ClientSampleId :

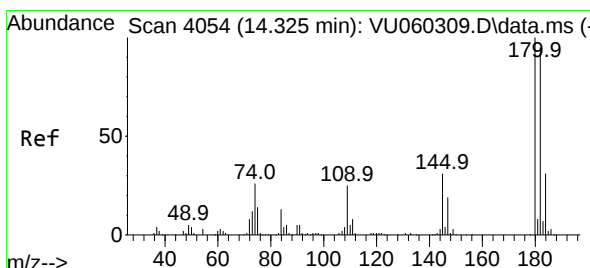
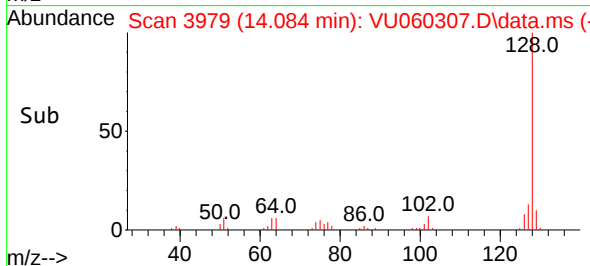
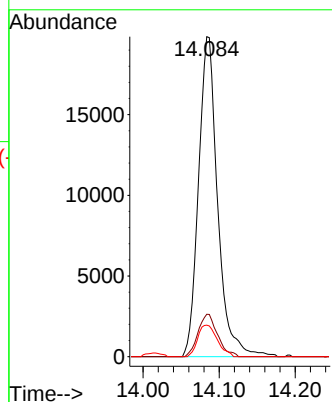
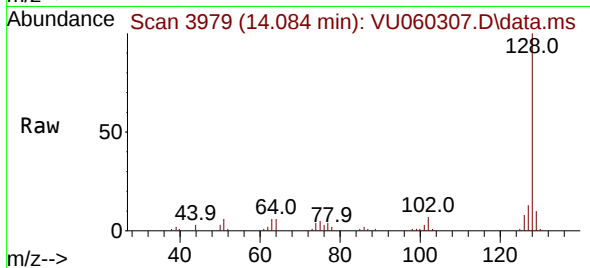
VSTDICC002

Tgt Ion:128	Resp:	3463
Ion Ratio	Lower	Upper
128	100	
127	13.5	11.0 16.4
129	10.1	8.6 12.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024



#90

1,2,3-Trichlorobenzene

Concen: 1.737 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU060307.D

Acq: 05 Aug 2024 11:36

Tgt Ion:180	Resp:	20316
Ion Ratio	Lower	Upper
180	100	
182	92.9	76.1 114.1
145	31.3	25.0 37.6

