

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080624\
 Data File : VU060314.D
 Acq On : 06 Aug 2024 09:55
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024
 Supervised By :Semsettin Yesilyurt 08/12/2024

Quant Time: Aug 07 06:46:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Aug 06 11:07:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.107	96	36366	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	16931	1.366	ug/l	0.00
Spiked Amount 1.000			Recovery	=	137.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	14211	1.056	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	135845	9.712	ug/l	99
3) Chloromethane	1.525	50	144774	9.053	ug/l	99
4) Vinyl Chloride	1.602	62	149274	9.337	ug/l	100
5) Bromomethane	1.834	94	86747	8.830	ug/l	100
6) Chloroethane	1.917	64	90950	9.399	ug/l	99
7) Trichlorofluoromethane	2.129	101	187072	9.698	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	101129	9.636	ug/l	99
9) 1,1-Dichloroethene	2.570	96	103753	9.543	ug/l	95
10) Iodomethane	2.711	142	153101	9.499	ug/l	99
11) Allyl Chloride	2.911	41	142450	9.557	ug/l	100
12) Acrylonitrile	3.306	53	49948	17.583	ug/l	97
13) Acetone	2.618	43	175758	50.940	ug/l	97
14) Carbon Disulfide	2.782	76	345332	9.367	ug/l	100
15) Methylene Chloride	3.033	84	124483	9.146	ug/l	100
16) trans-1,2-Dichloroethene	3.342	96	110753	9.507	ug/l	98
17) 1,1-Dichloroethane	3.856	63	211635	9.449	ug/l	100
18) 2-Butanone	4.708	43	195884	49.145	ug/l	99
19) Cyclohexane	5.367	56	187179m	9.695	ug/l	
20) Methylcyclohexane	6.753	83	165143	10.778	ug/l	100
21) 2,2-Dichloropropane	4.650	77	171029	9.805	ug/l	100
22) cis-1,2-Dichloroethene	4.653	96	121360	9.725	ug/l	99
23) Diethyl Ether	2.371	59	81035	9.171	ug/l	97
24) tert-Butyl Alcohol	3.184	59	91424	82.837	ug/l #	88
25) Methyl tert-Butyl Ether	3.361	73	245658	9.204	ug/l	99
26) Bromochloromethane	4.962	128	50952	9.642	ug/l	97
27) Chloroform	5.078	83	208317	9.505	ug/l	97
28) 1,1,1-Trichloroethane	5.300	97	175525	9.642	ug/l	99
29) 1,1-Dichloropropene	5.509	75	140926	9.661	ug/l	99
30) Carbon Tetrachloride	5.509	117	147698	9.955	ug/l	98
31) Isopropyl Ether	3.991	45	308788	9.431	ug/l	99
32) Ethyl-t-butyl ether	4.505	59	297225	9.393	ug/l	99
33) Tert-Amyl methyl ether	5.946	73	223861	9.966	ug/l	99
34) Propionitrile	4.776	54	46932	41.196	ug/l #	92
35) Benzene	5.763	78	444594	9.891	ug/l	99
36) 1,2-Dichloroethane	5.785	62	118041	9.450	ug/l	99
37) Trichloroethene	6.534	130	108425	9.744	ug/l	100
38) 1,2-Dichloropropane	6.785	63	121962	10.030	ug/l	100
39) Methacrylonitrile	4.975	41	34666	8.408	ug/l	99
40) Methyl acrylate	4.846	55	59984	8.308	ug/l	98
41) Tetrahydrofuran	5.059	42	34577	15.401	ug/l	97
42) 1-Chlorobutane	5.444	56	197076	9.799	ug/l	99
43) Dibromomethane	6.914	93	57247	9.307	ug/l	97
44) Bromodichloromethane	7.100	83	146507	9.920	ug/l	100

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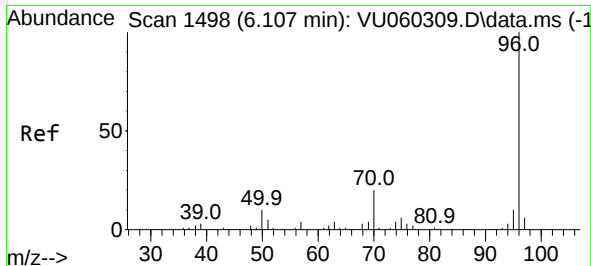
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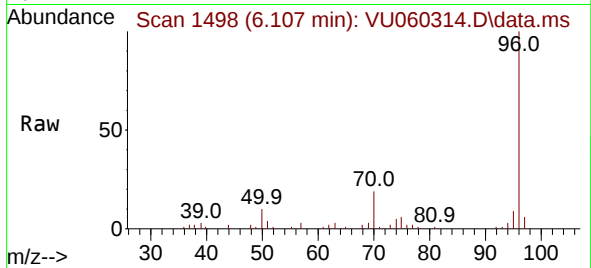
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.795	43	288183	49.896	ug/l	100
46) t-1,4-Dichloro-2-butene	10.830	75	69768m	21.557	ug/l	
47) Methyl methacrylate	6.962	69	105016	21.040	ug/l	97
48) Ethyl methacrylate	8.335	69	91022	10.741	ug/l	98
49) Toluene	7.962	92	272247	10.923	ug/l	98
50) t-1,3-Dichloropropene	8.206	75	127073	10.422	ug/l	98
51) cis-1,3-Dichloropropene	7.602	75	147824	10.079	ug/l	98
52) 1,1,2-Trichloroethane	8.396	97	86226	9.549	ug/l	99
53) 1,3-Dichloropropane	8.570	76	142760	9.909	ug/l	99
54) 2-Hexanone	8.685	43	265475	59.305	ug/l	98
55) Dibromochloromethane	8.804	129	99764	10.073	ug/l	99
56) 1,2-Dibromoethane	8.920	107	77667	9.592	ug/l	99
58) Tetrachloroethene	8.547	164	104027	10.461	ug/l	98
59) Chlorobenzene	9.441	112	288346	10.685	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.528	131	106767	10.042	ug/l	99
61) Pentachloroethane	11.422	117	94503	10.407	ug/l	98
62) Hexachloroethane	12.470	117	93671	10.672	ug/l	99
63) Ethyl Benzene	9.566	91	495629	9.549	ug/l	99
64) m/p-Xylenes	9.689	106	413930	19.836	ug/l	98
65) o-Xylene	10.097	106	189743	9.646	ug/l	100
66) Styrene	10.110	104	337591	9.978	ug/l	99
67) Bromoform	10.287	173	58705	10.120	ug/l	99
69) Isopropylbenzene	10.480	105	496083	9.764	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.775	83	117126	9.748	ug/l	99
71) 1,2,3-Trichloropropane	10.830	75	85325m	9.587	ug/l	
72) Bromobenzene	10.779	156	123056	11.105	ug/l	99
73) n-propylbenzene	10.901	120	146267	10.013	ug/l	99
74) 2-Chlorotoluene	10.981	126	129791	10.061	ug/l	97
75) 1,3,5-Trimethylbenzene	11.084	105	459991	10.127	ug/l	100
76) 4-Chlorotoluene	11.090	126	137699	10.163	ug/l	100
77) tert-Butylbenzene	11.415	119	420854	9.824	ug/l	100
78) 1,2,4-Trimethylbenzene	11.463	105	480373	10.144	ug/l	100
79) sec-Butylbenzene	11.637	105	591703	10.063	ug/l	99
80) Nitrobenzene	13.206	77	23671	44.863	ug/l #	96
81) p-Isopropyltoluene	11.788	119	489598	10.016	ug/l	100
82) 1,3-Dichlorobenzene	11.740	146	261905	11.329	ug/l	99
83) 1,4-Dichlorobenzene	11.830	146	268322	11.692	ug/l	98
84) n-Butylbenzene	12.203	91	472139	10.007	ug/l	99
85) 1,2-Dichlorobenzene	12.206	146	252798	11.305	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.991	75	16826	9.659	ug/l	97
87) 1,2,4-Trichlorobenzene	13.836	180	136743	10.692	ug/l	100
88) Hexachlorobutadiene	14.016	225	91017	11.006	ug/l	99
89) Naphthalene	14.084	128	224611	9.927	ug/l	100
90) 1,2,3-Trichlorobenzene	14.325	180	134566	10.778	ug/l	100

(#) = 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
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MSVOA_U
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VSTDCCC010

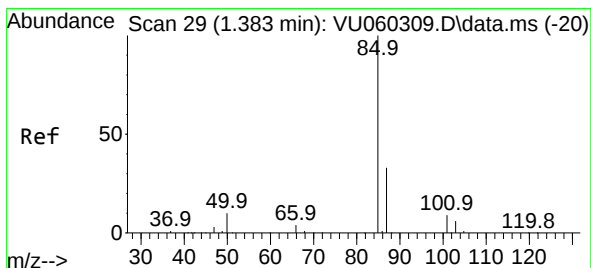
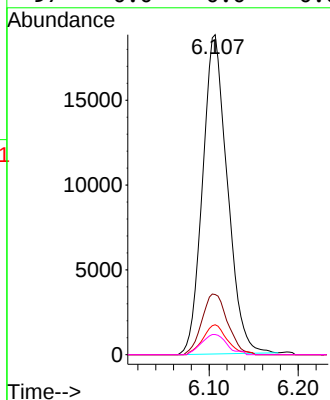
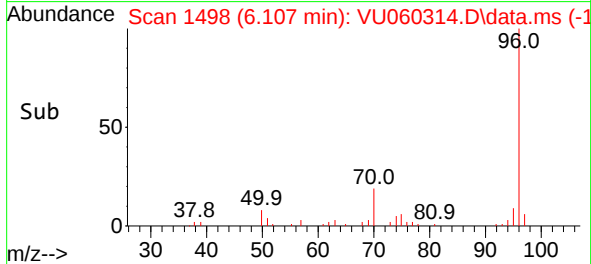


Tgt Ion: 96 Resp: 3636

Ion	Ratio	Lower	Upper
96	100		
70	19.7	17.2	25.8
95	9.2	7.9	11.9
97	0.0	0.0	0.0

Manual Integrations
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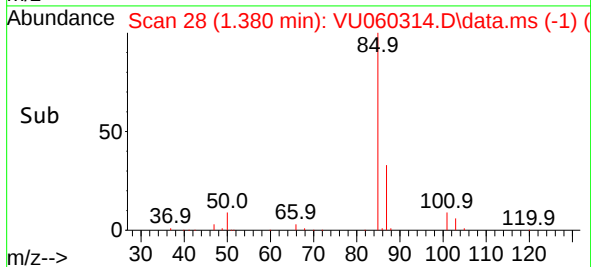
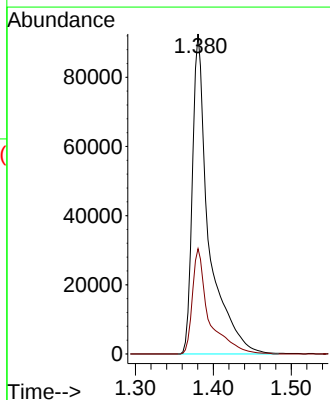
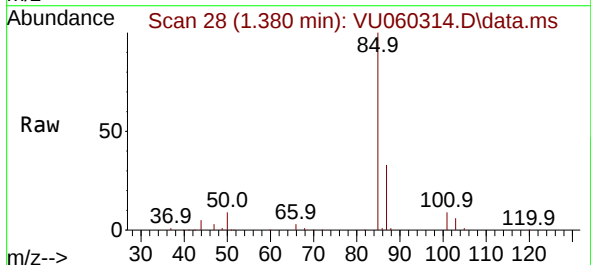
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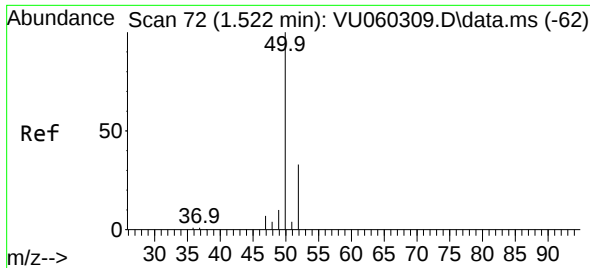


#2
Dichlorodifluoromethane
Concen: 9.712 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion: 85 Resp: 135845

Ion	Ratio	Lower	Upper
85	100		
87	32.9	16.3	48.9





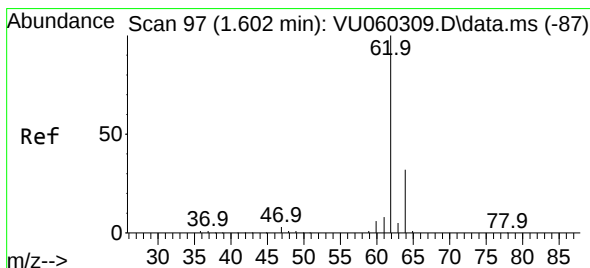
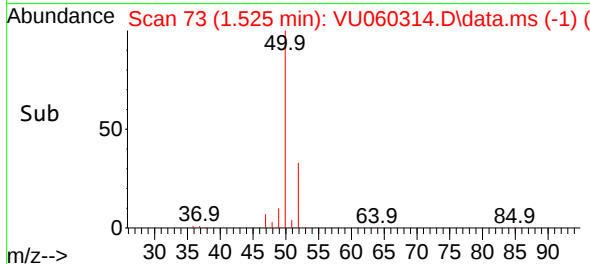
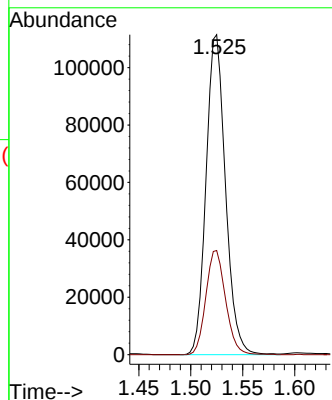
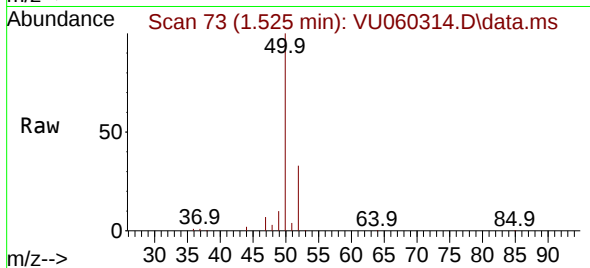
#3
Chloromethane
Concen: 9.053 ug/l
RT: 1.525 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
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ClientSampleId :
VSTDCCC010

Tgt Ion: 50 Resp: 144774
Ion Ratio Lower Upper
50 100
52 32.5 26.5 39.7

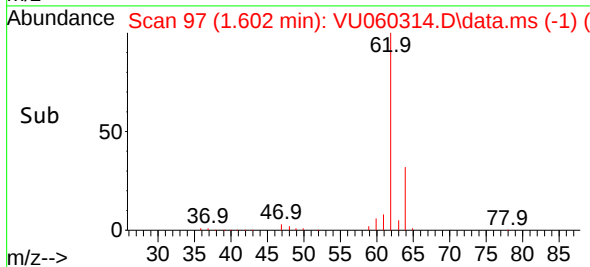
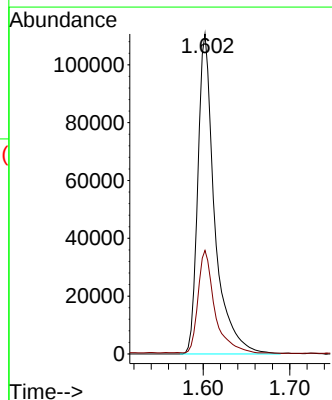
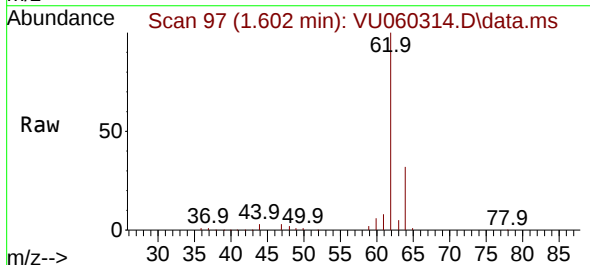
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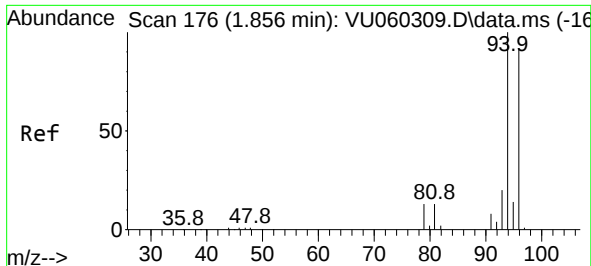
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#4
Vinyl Chloride
Concen: 9.337 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

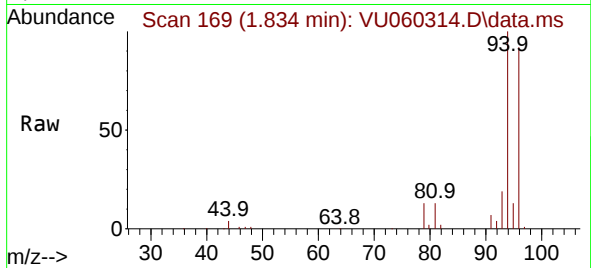
Tgt Ion: 62 Resp: 149274
Ion Ratio Lower Upper
62 100
64 32.1 25.8 38.6





#5
Bromomethane
Concen: 8.830 ug/l
RT: 1.834 min Scan# 11
Delta R.T. -0.022 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

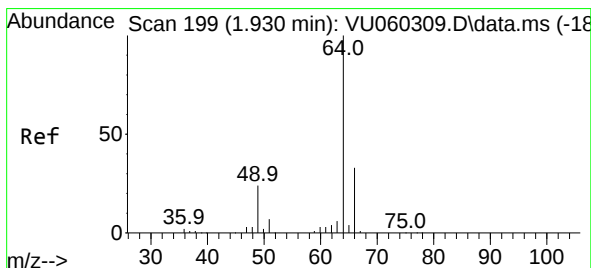
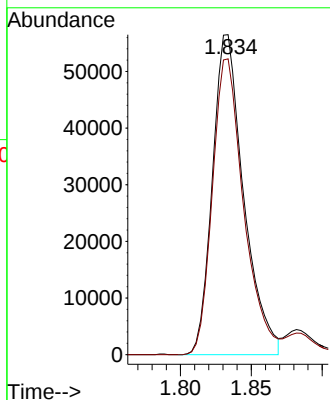
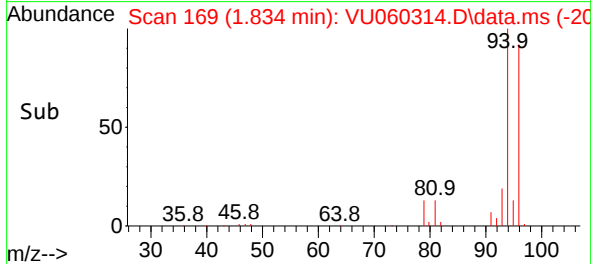
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 94 Resp: 8674
Ion Ratio Lower Upper
94 100
96 92.4 73.8 110.8

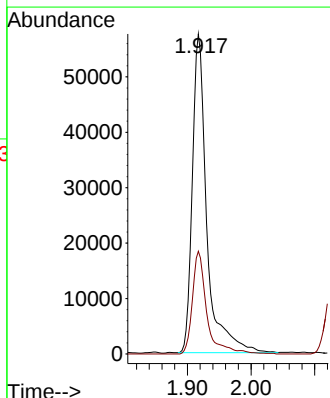
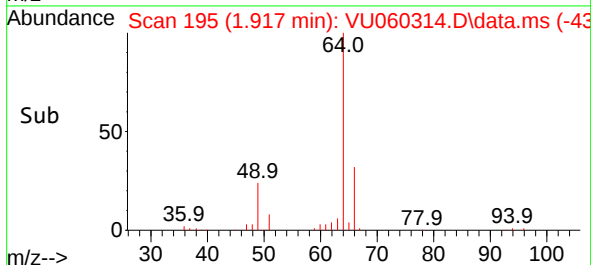
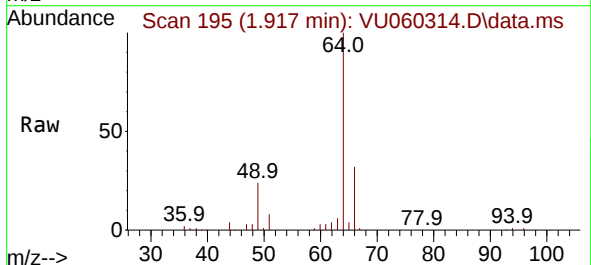
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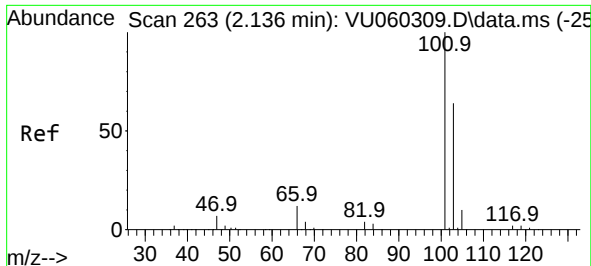
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#6
Chloroethane
Concen: 9.399 ug/l
RT: 1.917 min Scan# 195
Delta R.T. -0.013 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

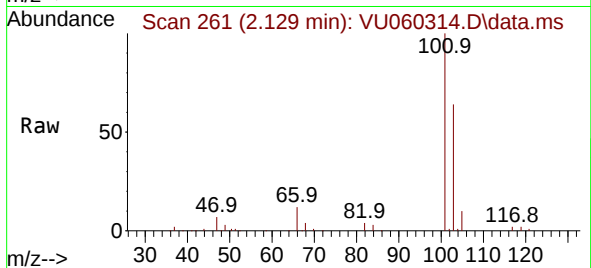
Tgt Ion: 64 Resp: 90950
Ion Ratio Lower Upper
64 100
66 32.2 26.3 39.5





#7
Trichlorofluoromethane
Concen: 9.698 ug/l
RT: 2.129 min Scan# 201
Delta R.T. -0.006 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

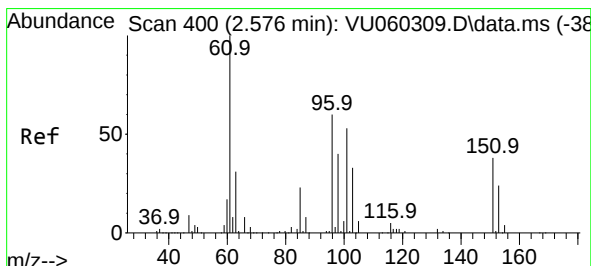
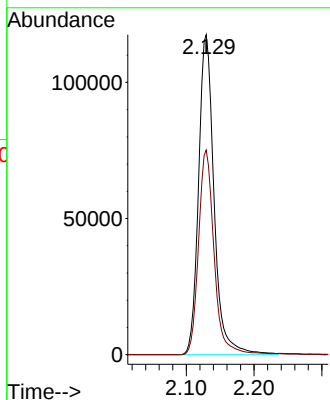
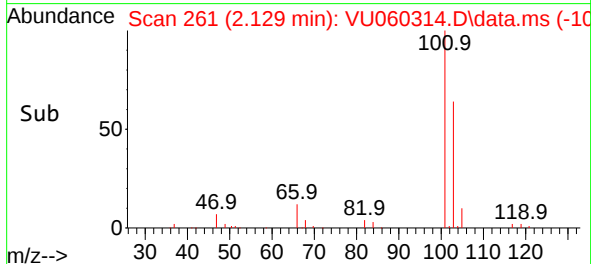
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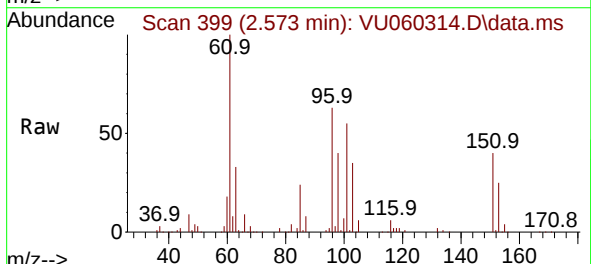
Tgt Ion:101 Resp: 187072
Ion Ratio Lower Upper
101 100
103 64.0 51.0 76.4

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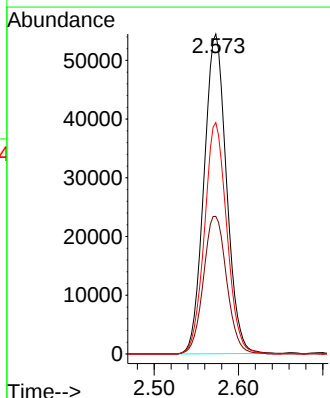
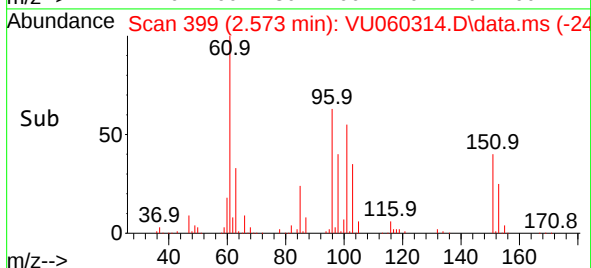
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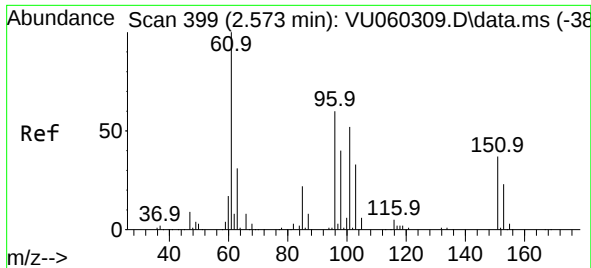


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.636 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55



Tgt Ion:101 Resp: 101129
Ion Ratio Lower Upper
101 100
85 44.5 34.9 52.3
151 72.1 57.2 85.8





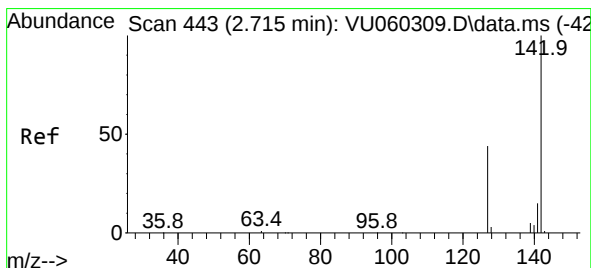
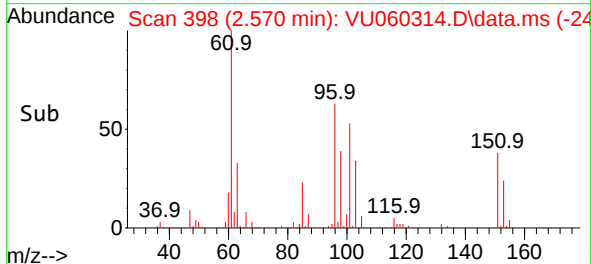
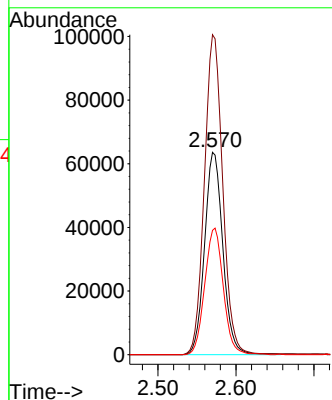
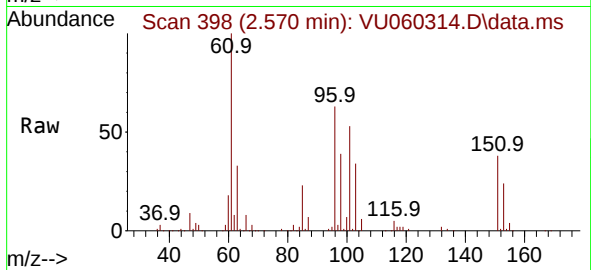
#9
1,1-Dichloroethene
Concen: 9.543 ug/l
RT: 2.570 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 96 Resp: 10375
Ion Ratio Lower Upper
96 100
61 158.1 0.0 495.9
98 61.4 0.0 131.6

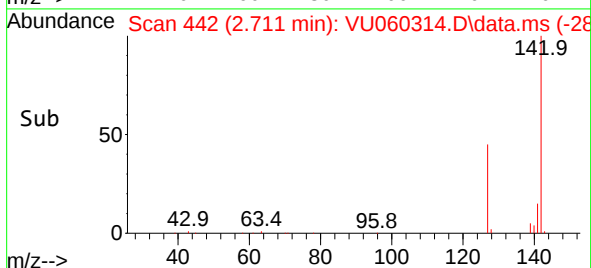
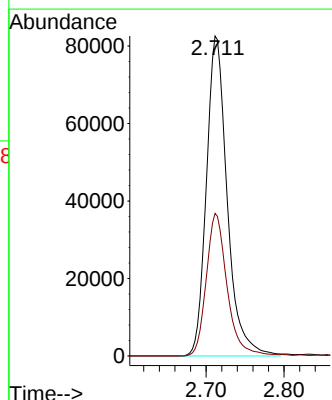
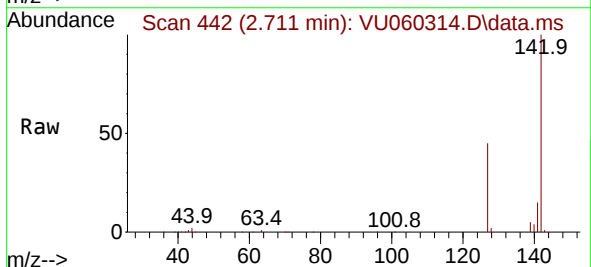
Manual Integrations
APPROVED

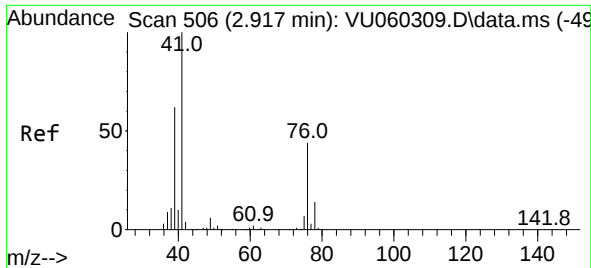
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#10
Iodomethane
Concen: 9.499 ug/l
RT: 2.711 min Scan# 442
Delta R.T. -0.004 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

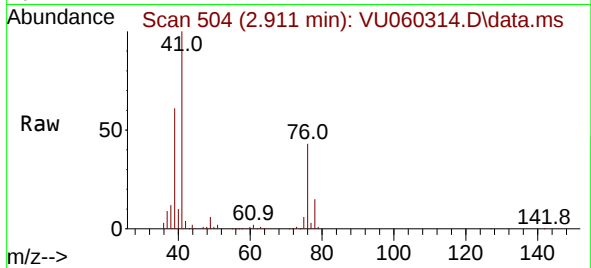
Tgt Ion:142 Resp: 153101
Ion Ratio Lower Upper
142 100
127 44.8 35.5 53.3





#11
 Allyl Chloride
 Concen: 9.557 ug/l
 RT: 2.911 min Scan# 506
 Delta R.T. -0.006 min
 Lab File: VU060314.D
 Acq: 06 Aug 2024 09:55

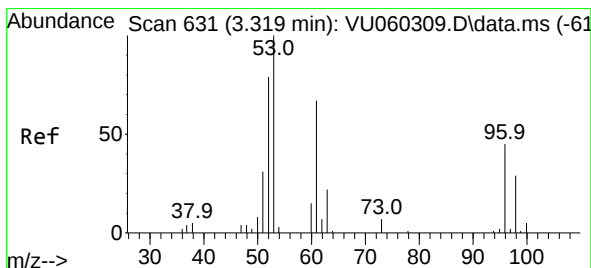
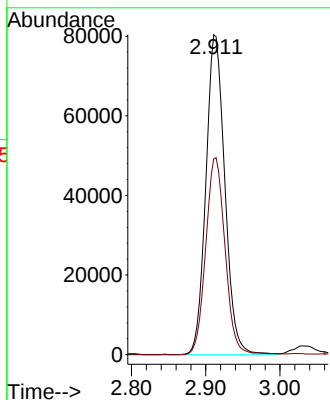
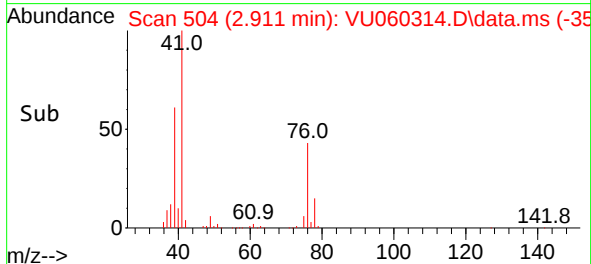
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010



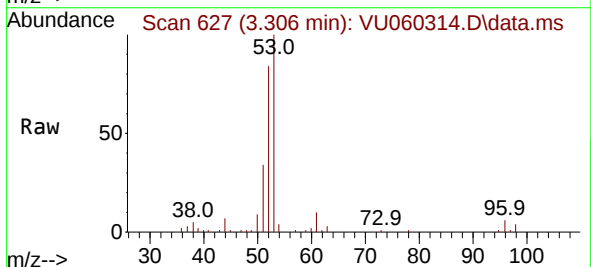
Tgt Ion: 41 Resp: 142450
 Ion Ratio Lower Upper
 41 100
 39 62.4 50.0 75.0

Manual Integrations
 APPROVED

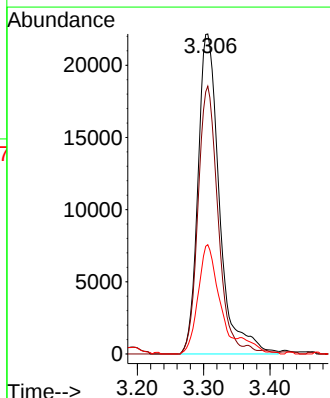
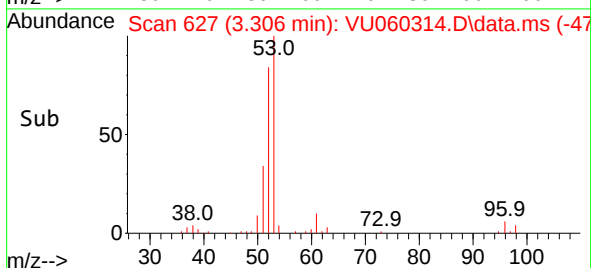
Reviewed By :Mahesh Dadoda 08/12/2024
 Supervised By :Semsettin Yesilyurt 08/12/2024

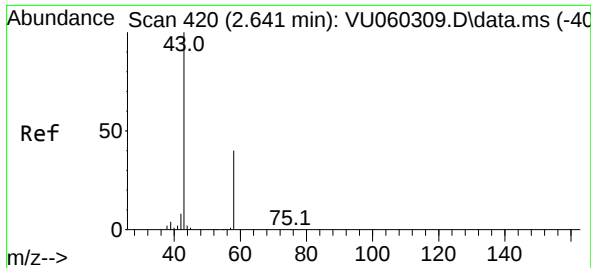


#12
 Acrylonitrile
 Concen: 17.583 ug/l
 RT: 3.306 min Scan# 627
 Delta R.T. -0.013 min
 Lab File: VU060314.D
 Acq: 06 Aug 2024 09:55



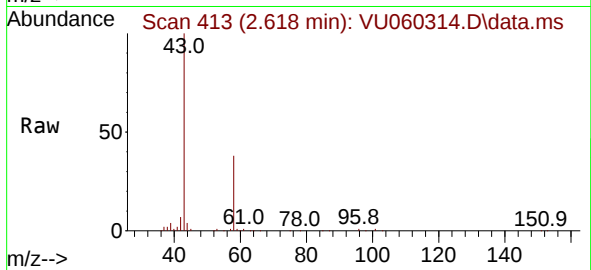
Tgt Ion: 53 Resp: 49948
 Ion Ratio Lower Upper
 53 100
 52 77.0 63.7 95.5
 51 33.2 28.2 42.4





#13
Acetone
Concen: 50.940 ug/l
RT: 2.618 min Scan# 41
Delta R.T. -0.023 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

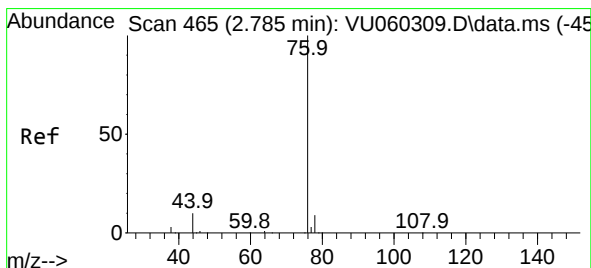
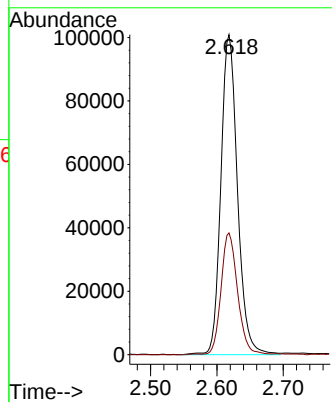
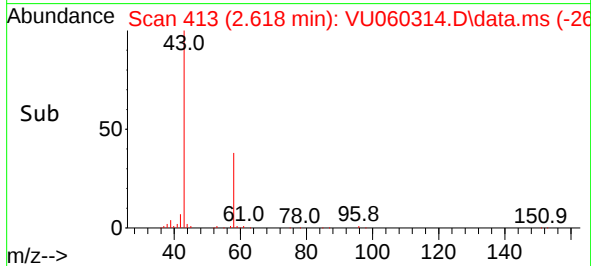
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 175758
Ion Ratio Lower Upper
43 100
58 38.1 31.8 47.8

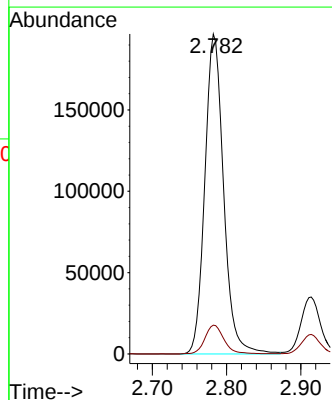
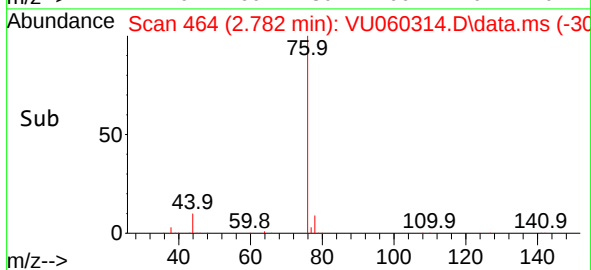
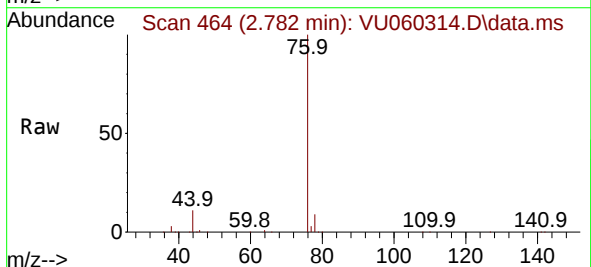
Manual Integrations
APPROVED

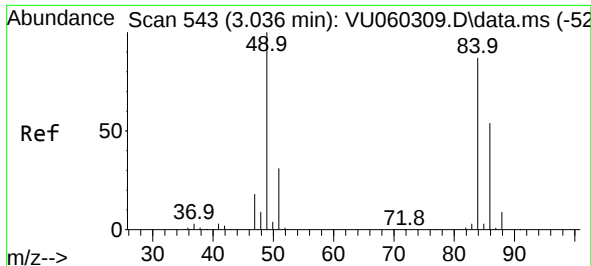
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#14
Carbon Disulfide
Concen: 9.367 ug/l
RT: 2.782 min Scan# 464
Delta R.T. -0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

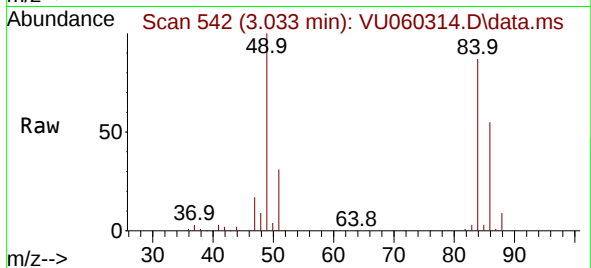
Tgt Ion: 76 Resp: 345332
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0





#15
Methylene Chloride
Concen: 9.146 ug/l
RT: 3.033 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

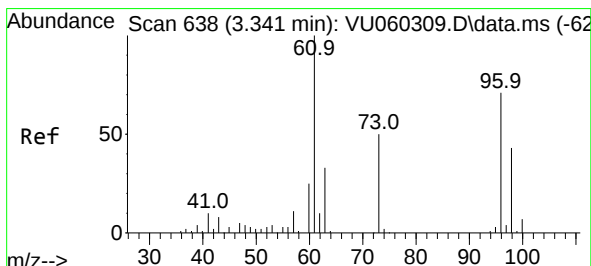
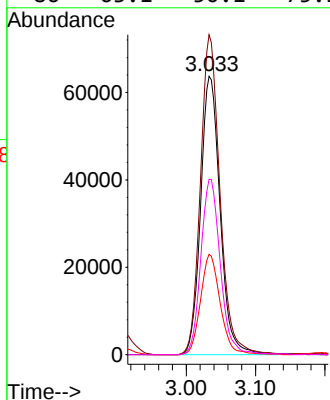
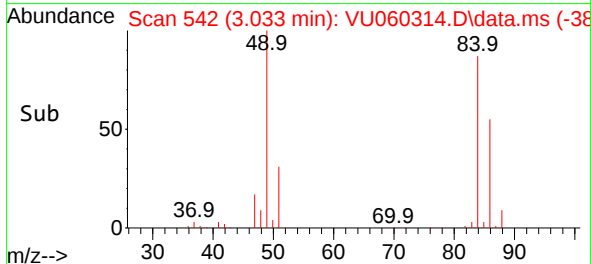
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



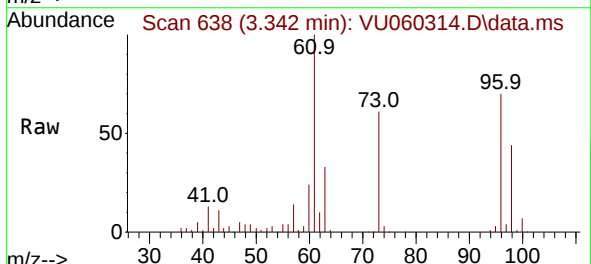
Tgt Ion: 84 Resp: 12448
Ion Ratio Lower Upper
84 100
49 115.0 92.1 138.1
51 36.1 0.0 72.4
86 63.1 50.1 75.1

Manual Integrations
APPROVED

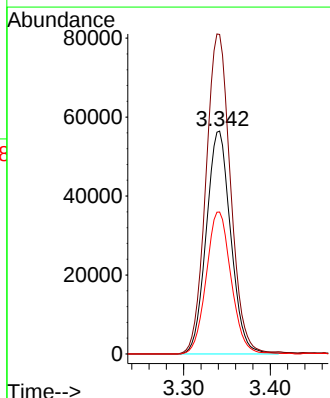
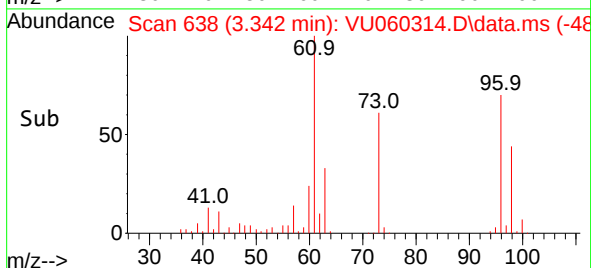
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

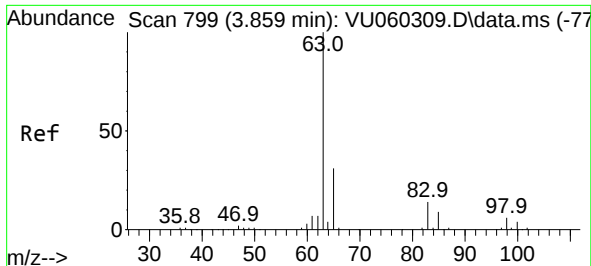


#16
trans-1,2-Dichloroethene
Concen: 9.507 ug/l
RT: 3.342 min Scan# 638
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55



Tgt Ion: 96 Resp: 110753
Ion Ratio Lower Upper
96 100
61 143.3 112.8 169.2
98 63.7 48.7 73.1





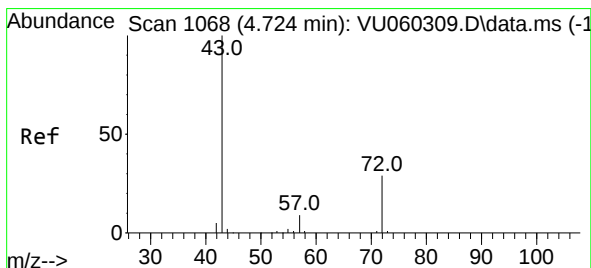
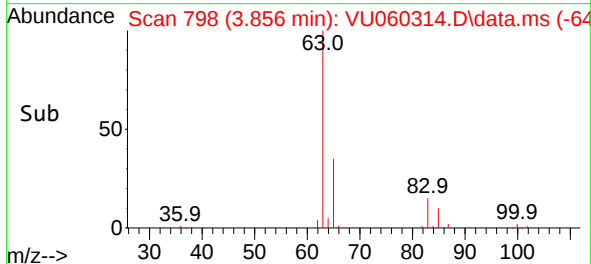
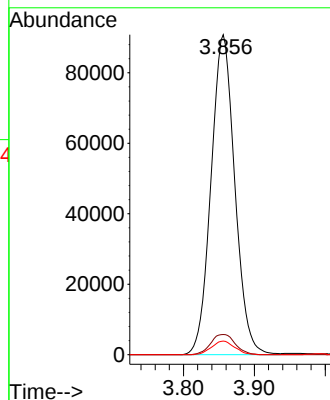
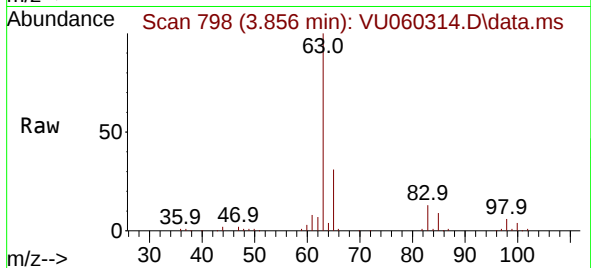
#17
1,1-Dichloroethane
Concen: 9.449 ug/l
RT: 3.856 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 63 Resp: 211635
Ion Ratio Lower Upper
63 100
98 6.3 3.1 9.4
100 4.2 2.0 5.8

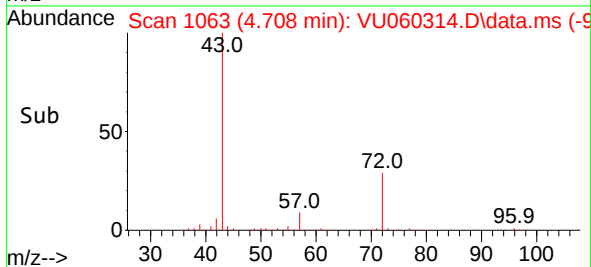
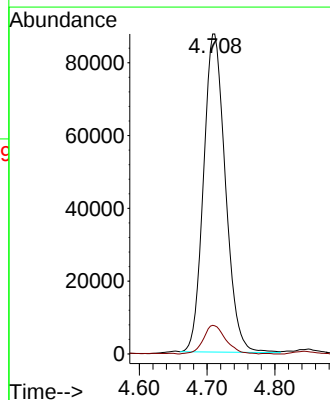
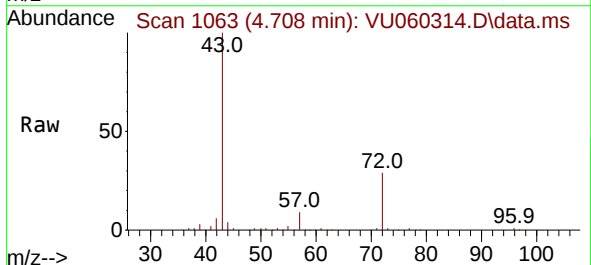
Manual Integrations
APPROVED

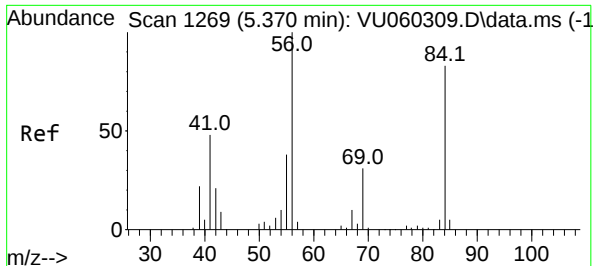
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#18
2-Butanone
Concen: 49.145 ug/l
RT: 4.708 min Scan# 1063
Delta R.T. -0.016 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

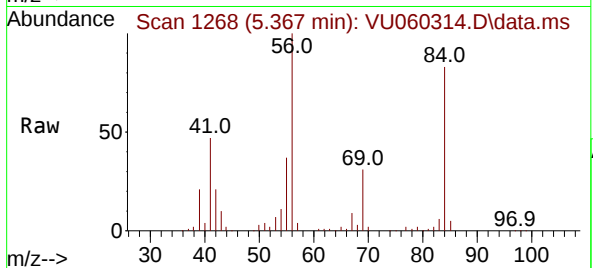
Tgt Ion: 43 Resp: 195884
Ion Ratio Lower Upper
43 100
57 9.0 0.0 18.4





#19
Cyclohexane
Concen: 9.695 ug/l m
RT: 5.367 min Scan# 1268
Delta R.T. -0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

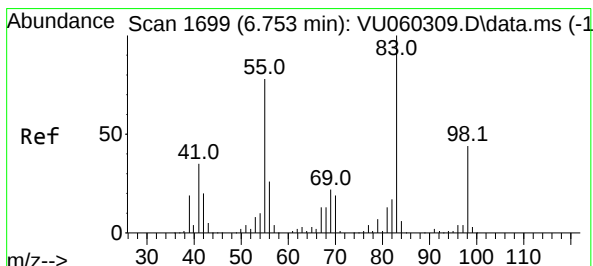
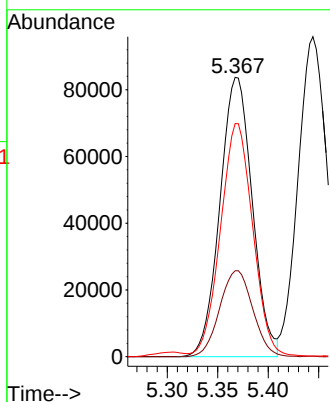
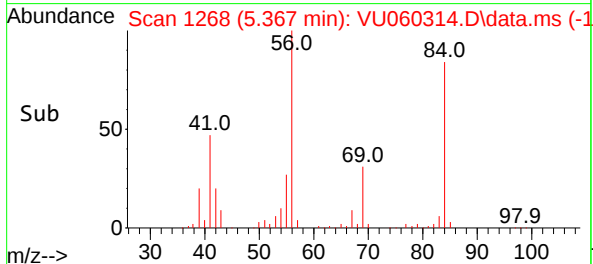
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 56 Resp: 187179
Ion Ratio Lower Upper
56 100
69 31.4 24.2 36.2
84 81.2 63.9 95.9

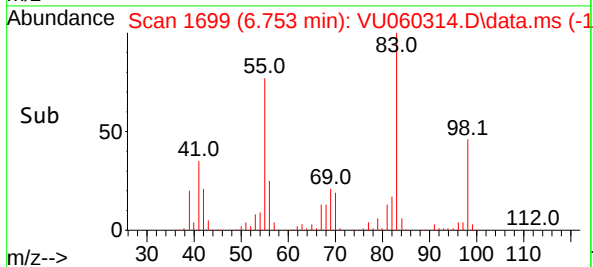
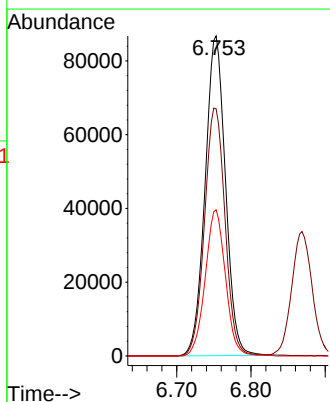
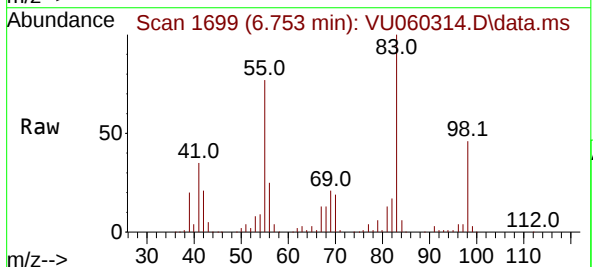
Manual Integrations
APPROVED

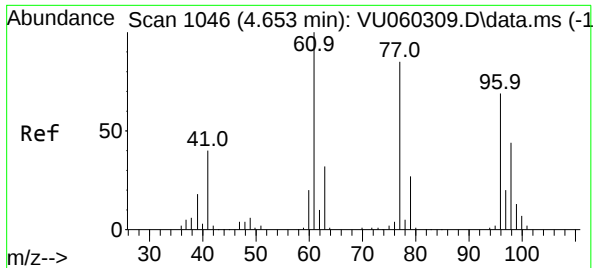
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#20
Methylcyclohexane
Concen: 10.778 ug/l
RT: 6.753 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion: 83 Resp: 165143
Ion Ratio Lower Upper
83 100
55 77.8 62.2 93.2
98 45.4 36.1 54.1





#21
2,2-Dichloropropane
Concen: 9.805 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. -0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :

MSVOA_U

ClientSampleId :

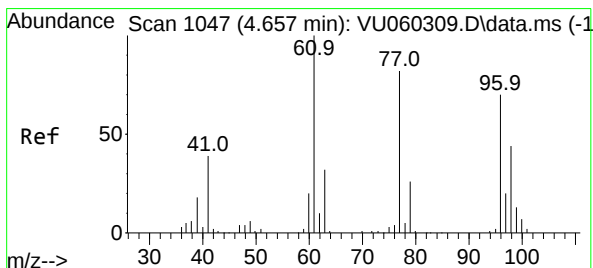
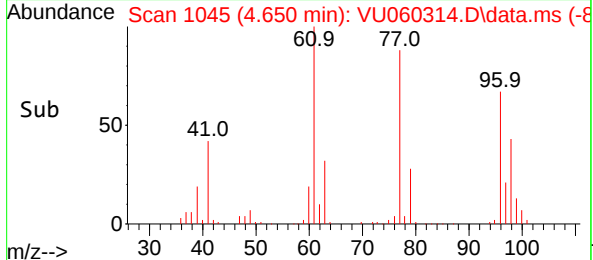
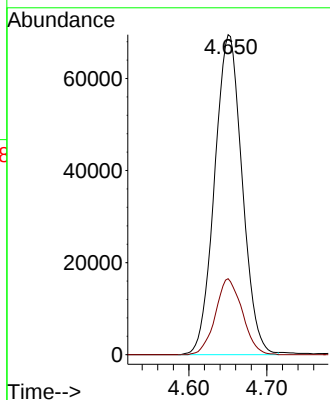
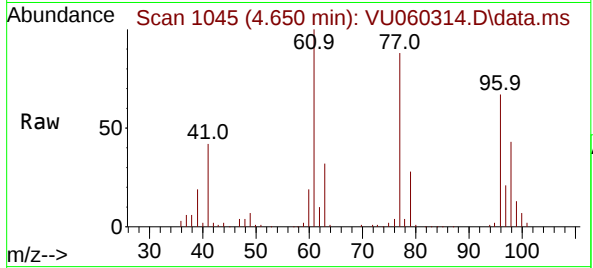
VSTDCCC010

Tgt Ion: 77 Resp: 171029
Ion Ratio Lower Upper
77 100
97 23.1 18.6 27.8

Manual Integrations

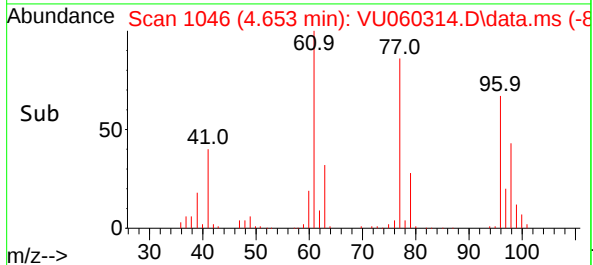
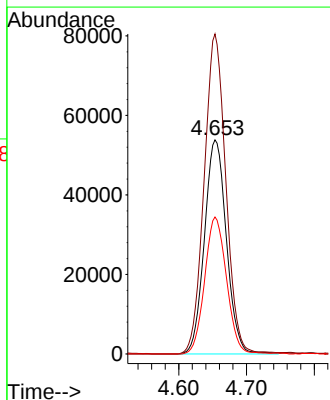
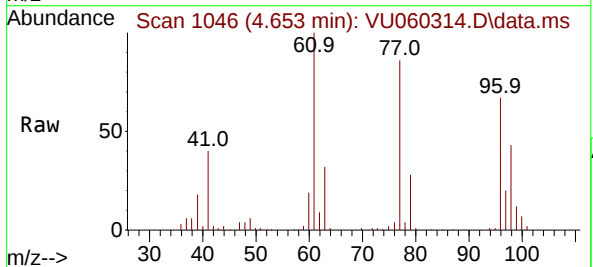
APPROVED

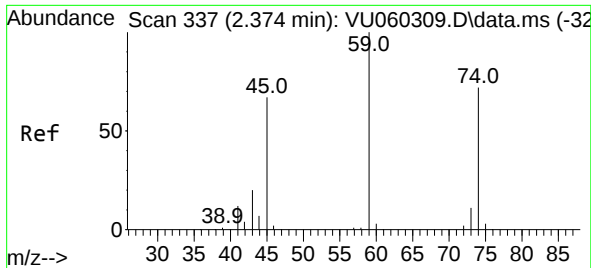
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#22
cis-1,2-Dichloroethene
Concen: 9.725 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

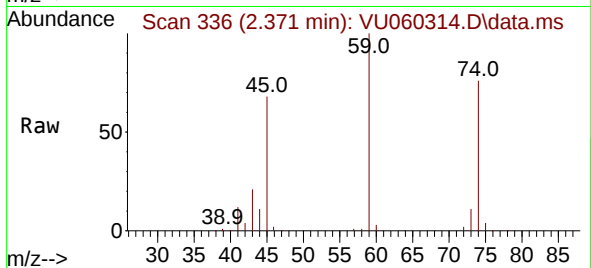
Tgt Ion: 96 Resp: 121360
Ion Ratio Lower Upper
96 100
61 146.9 0.0 372.8
98 63.6 31.8 95.4





#23
Diethyl Ether
Concen: 9.171 ug/l
RT: 2.371 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

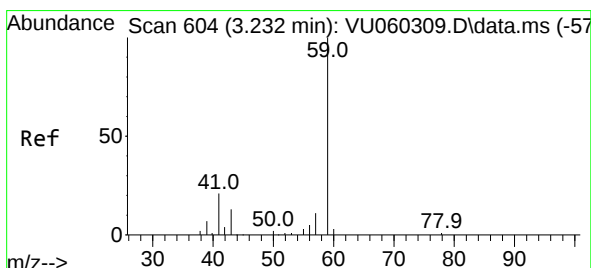
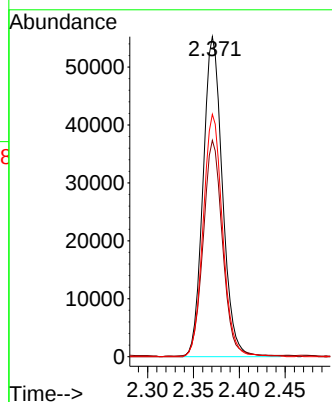
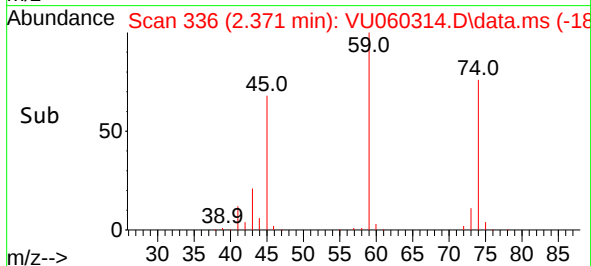
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 59 Resp: 81035
Ion Ratio Lower Upper
59 100
45 67.0 55.8 83.6
74 75.9 59.2 88.8

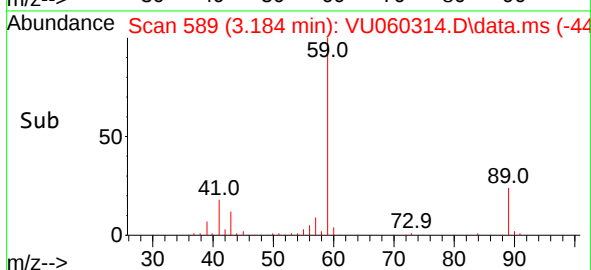
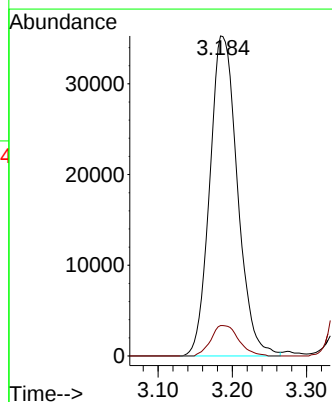
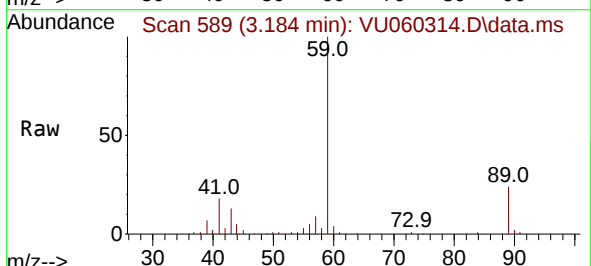
Manual Integrations
APPROVED

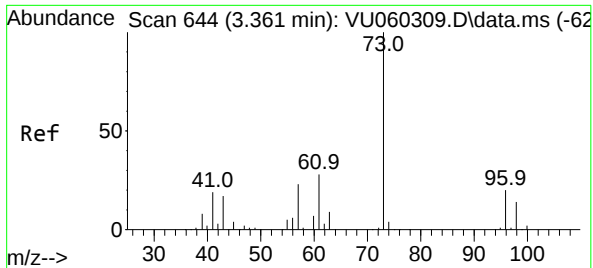
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#24
tert-Butyl Alcohol
Concen: 82.837 ug/l
RT: 3.184 min Scan# 589
Delta R.T. -0.048 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

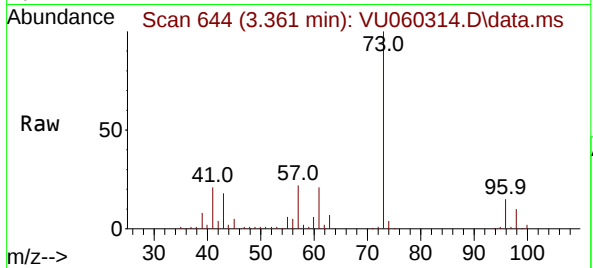
Tgt Ion: 59 Resp: 91424
Ion Ratio Lower Upper
59 100
57 9.5 4.5 6.7#





#25
Methyl tert-Butyl Ether
Concen: 9.204 ug/l
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

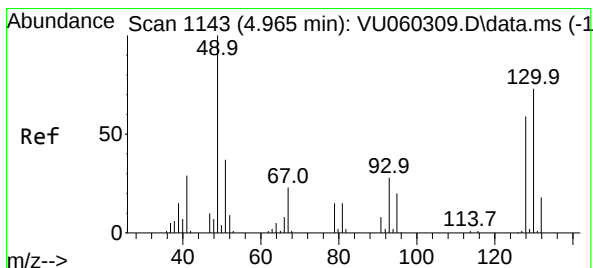
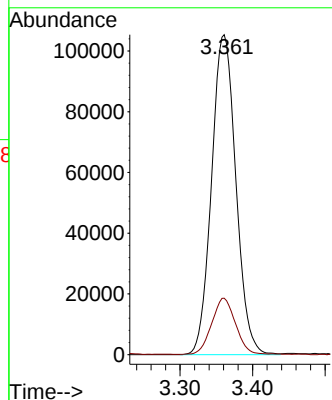
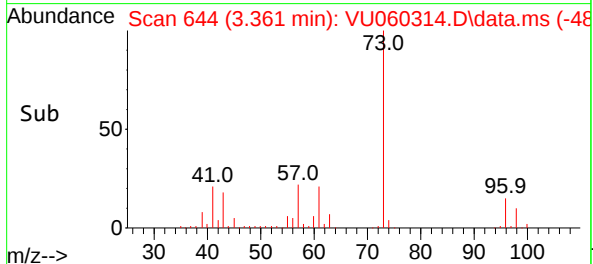
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 73 Resp: 245658
Ion Ratio Lower Upper
73 100
43 17.1 14.1 21.1

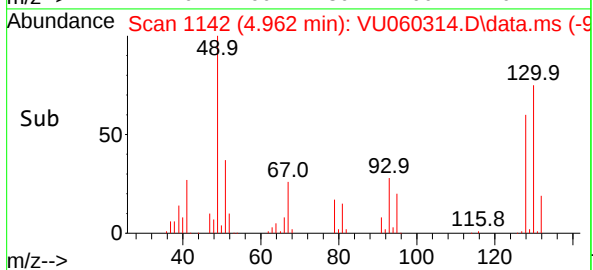
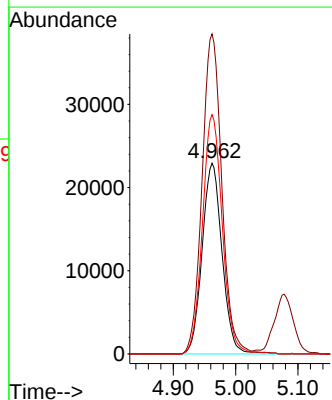
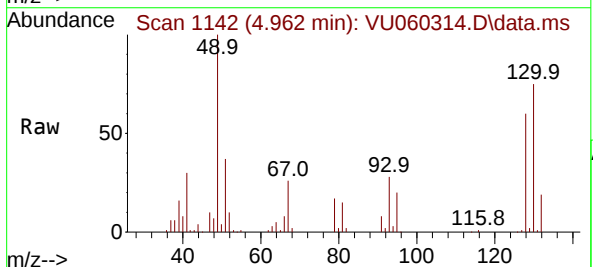
Manual Integrations
APPROVED

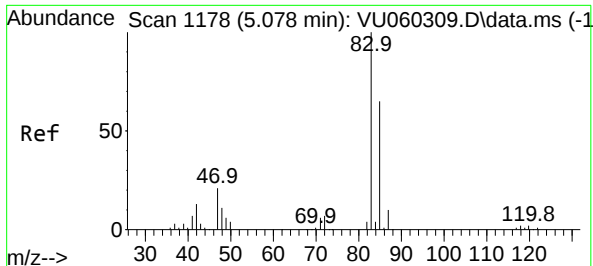
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#26
Bromochloromethane
Concen: 9.642 ug/l
RT: 4.962 min Scan# 1142
Delta R.T. -0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion:128 Resp: 50952
Ion Ratio Lower Upper
128 100
49 165.7 0.0 340.8
130 124.7 102.1 153.1





#27

Chloroform

Concen: 9.505 ug/l

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU060314.D

Acq: 06 Aug 2024 09:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 20831

Ion Ratio Lower Upper

83 100

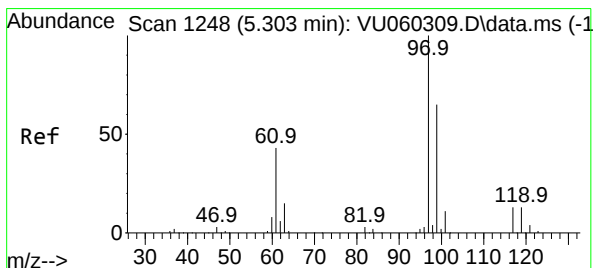
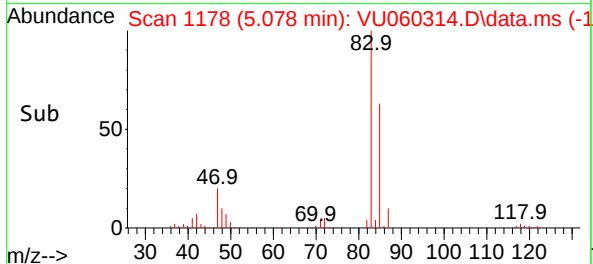
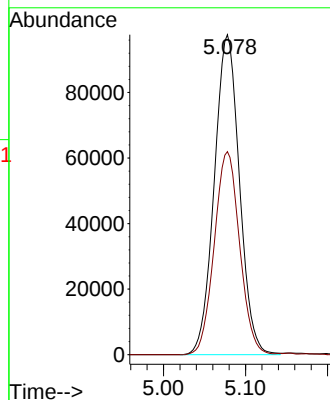
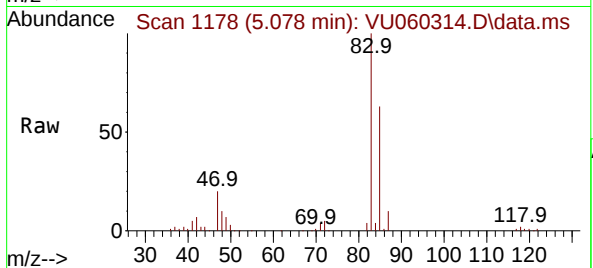
85 63.5 0.0 131.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024

Supervised By :Semsettin Yesilyurt 08/12/2024



#28

1,1,1-Trichloroethane

Concen: 9.642 ug/l

RT: 5.300 min Scan# 1247

Delta R.T. -0.003 min

Lab File: VU060314.D

Acq: 06 Aug 2024 09:55

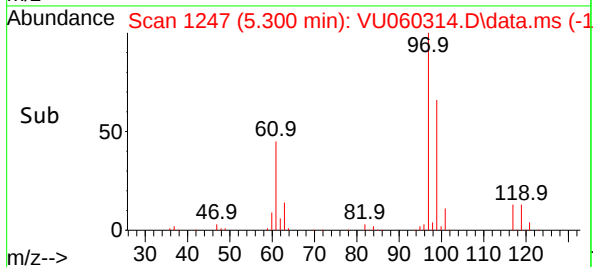
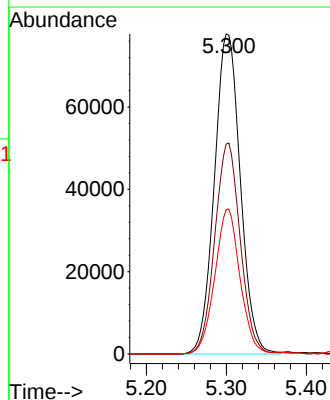
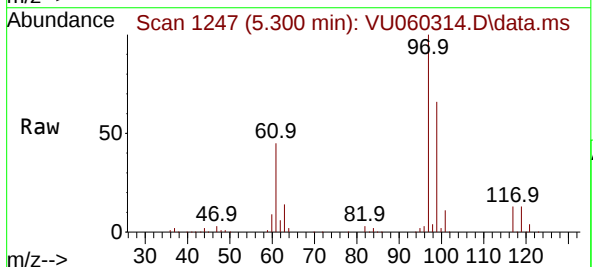
Tgt Ion: 97 Resp: 175525

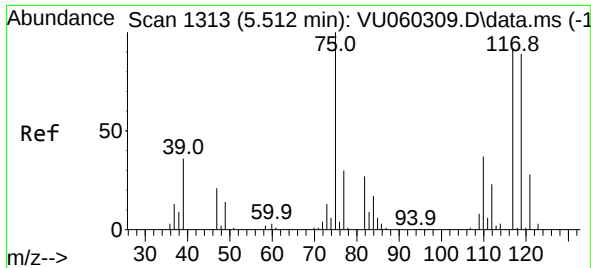
Ion Ratio Lower Upper

97 100

99 64.6 32.8 98.4

61 43.8 22.3 66.9





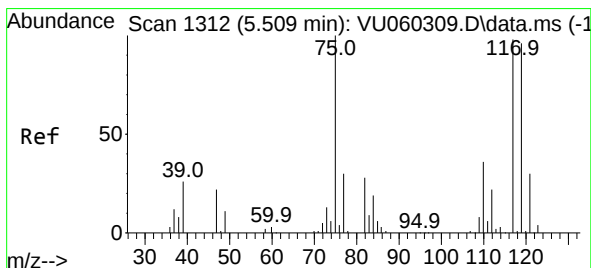
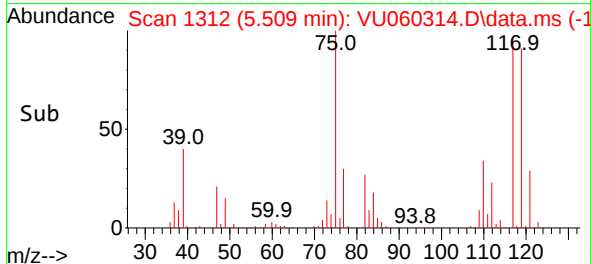
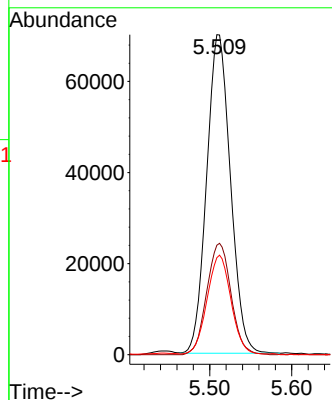
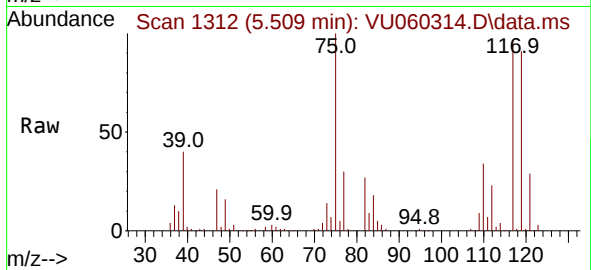
#29
1,1-Dichloropropene
Concen: 9.661 ug/l
RT: 5.509 min Scan# 1312
Delta R.T. -0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 140920
Ion Ratio Lower Upper
75 100
110 35.7 18.4 55.2
77 30.9 24.8 37.2

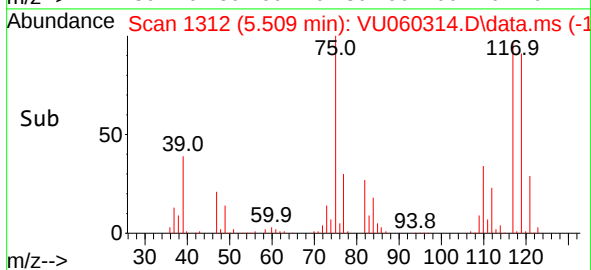
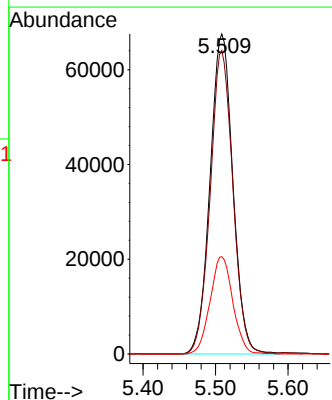
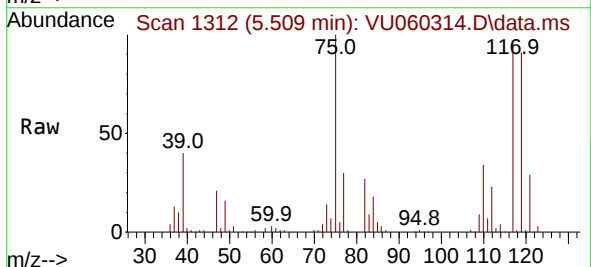
Manual Integrations
APPROVED

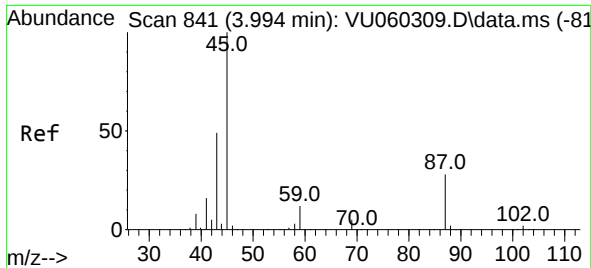
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#30
Carbon Tetrachloride
Concen: 9.955 ug/l
RT: 5.509 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion:117 Resp: 147698
Ion Ratio Lower Upper
117 100
119 94.8 77.8 116.6
121 30.4 24.2 36.2





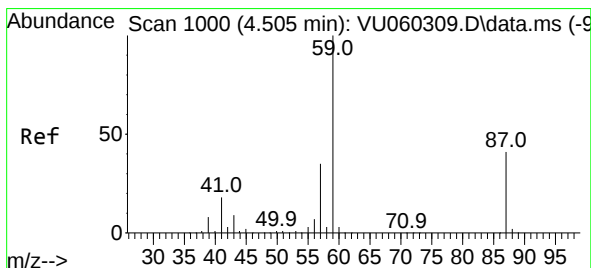
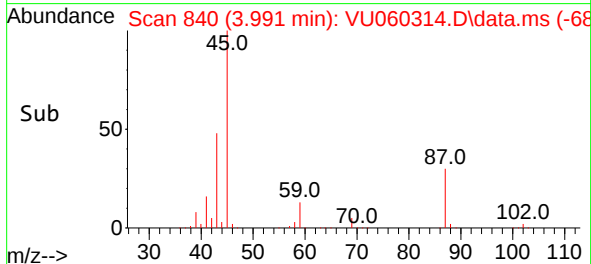
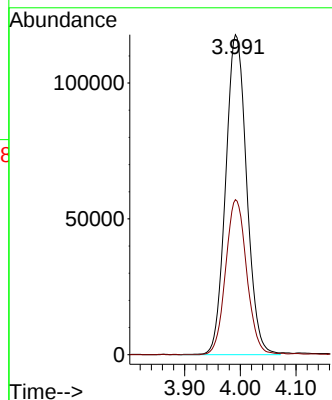
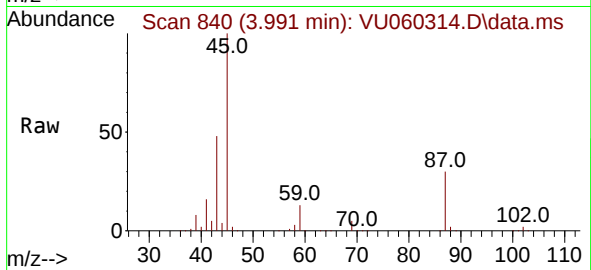
#31
Isopropyl Ether
Concen: 9.431 ug/l
RT: 3.991 min Scan# 841
Delta R.T. -0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 308788
Ion Ratio Lower Upper
45 100
43 48.7 24.7 74.1

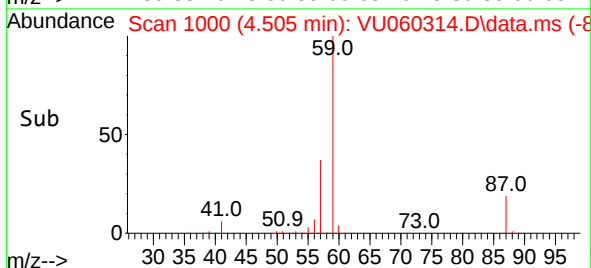
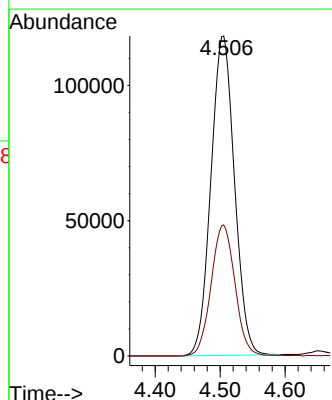
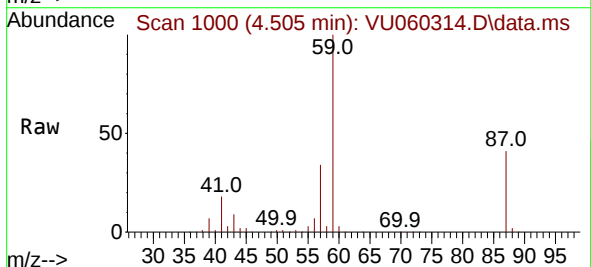
Manual Integrations
APPROVED

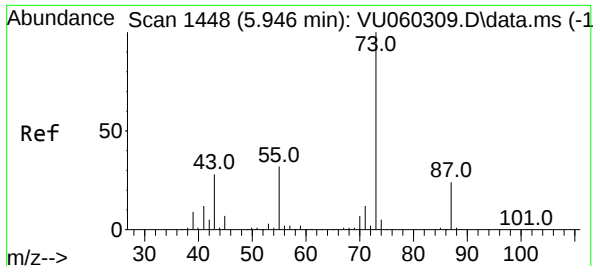
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#32
Ethyl-t-butyl ether
Concen: 9.393 ug/l
RT: 4.505 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion: 59 Resp: 297225
Ion Ratio Lower Upper
59 100
87 41.2 32.6 49.0





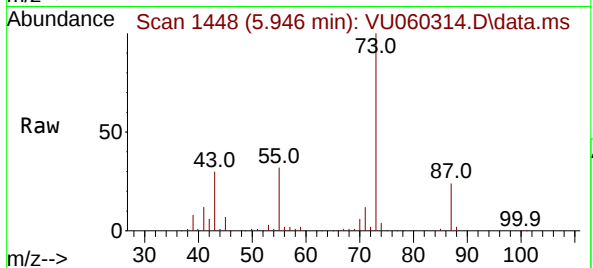
#33
Tert-Amyl methyl ether
Concen: 9.966 ug/l
RT: 5.946 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

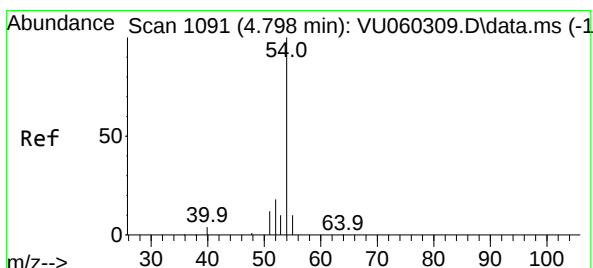
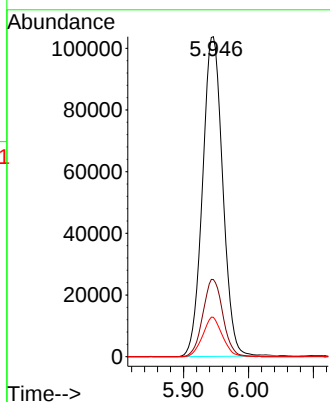
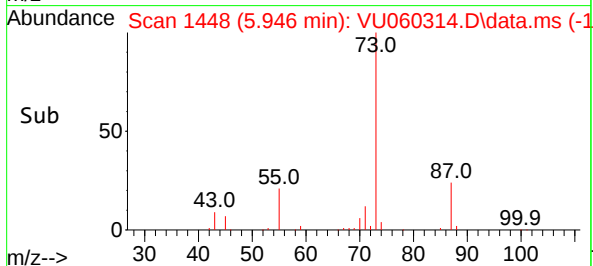


Tgt Ion: 73 Resp: 22386
Ion Ratio Lower Upper
73 100
87 23.8 19.6 29.4
71 12.1 9.5 14.3

Manual Integrations

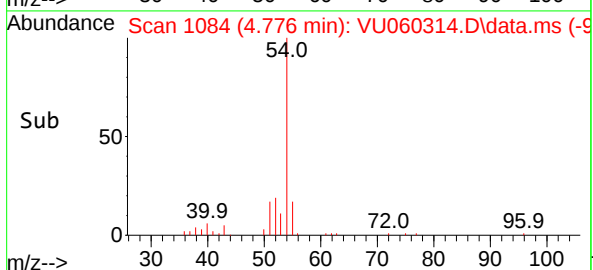
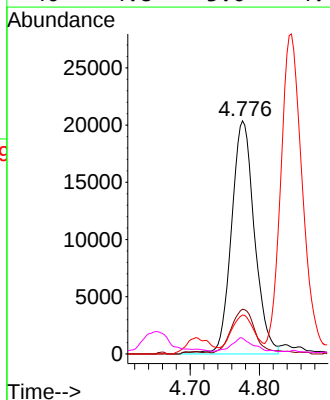
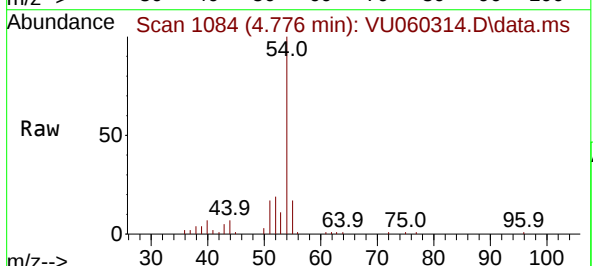
APPROVED

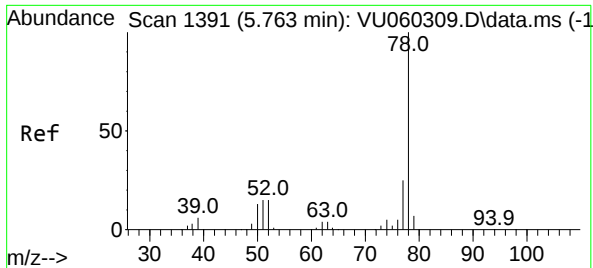
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#34
Propionitrile
Concen: 41.196 ug/l
RT: 4.776 min Scan# 1084
Delta R.T. -0.022 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion: 54 Resp: 46932
Ion Ratio Lower Upper
54 100
52 19.7 16.4 24.6
55 16.5 5.2 7.8#
40 4.8 3.0 4.4#





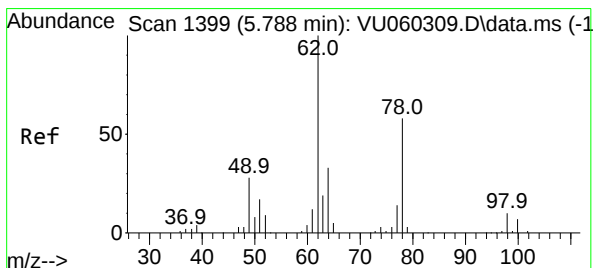
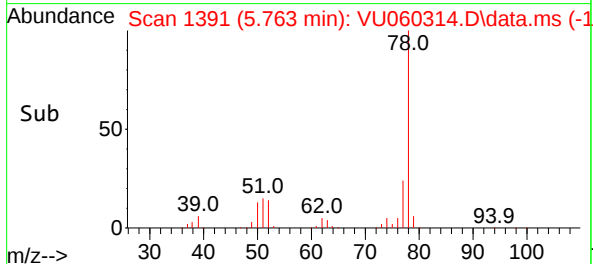
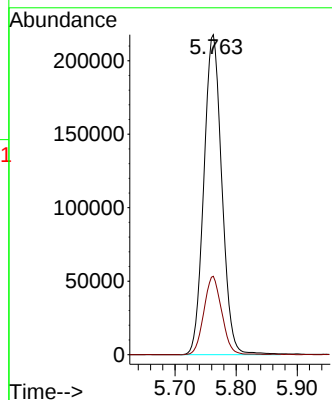
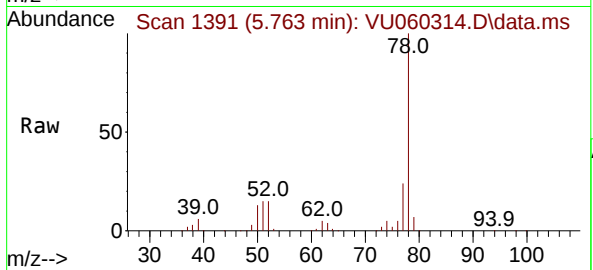
#35
Benzene
Concen: 9.891 ug/l
RT: 5.763 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 78 Resp: 444594
Ion Ratio Lower Upper
78 100
77 24.5 20.2 30.2

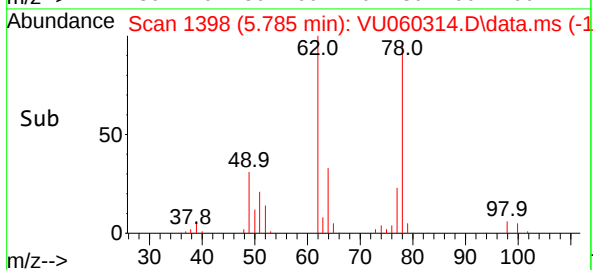
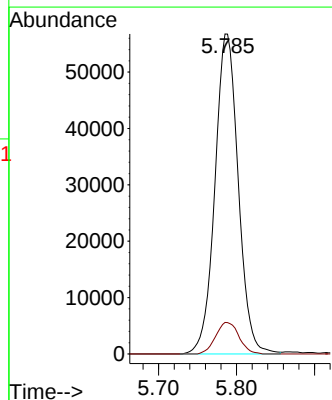
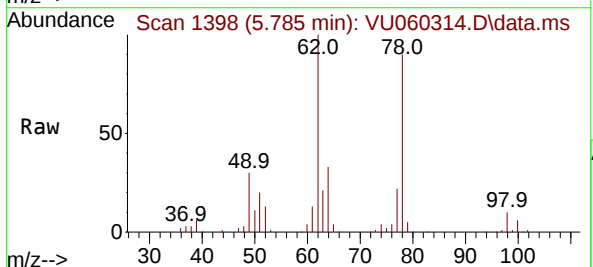
Manual Integrations
APPROVED

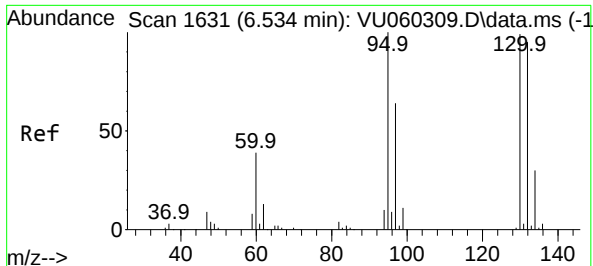
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#36
1,2-Dichloroethane
Concen: 9.450 ug/l
RT: 5.785 min Scan# 1398
Delta R.T. -0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion: 62 Resp: 118041
Ion Ratio Lower Upper
62 100
98 9.8 8.1 12.1





#37

Trichloroethene

Concen: 9.744 ug/l

RT: 6.534 min Scan# 1631

Delta R.T. 0.000 min

Lab File: VU060314.D

Acq: 06 Aug 2024 09:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:130 Resp: 108425

Ion Ratio Lower Upper

130 100

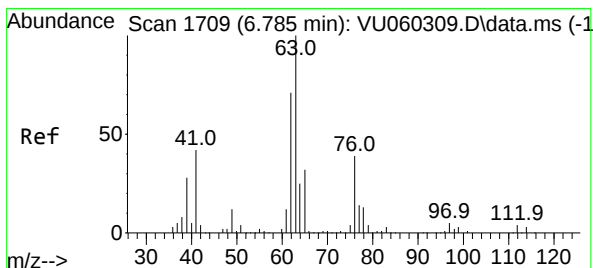
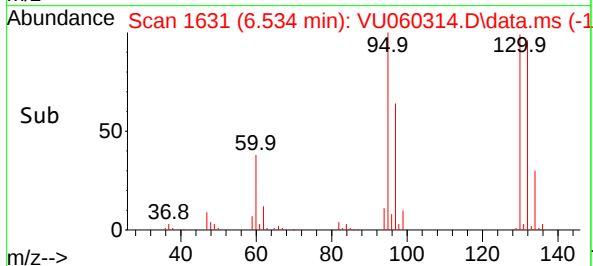
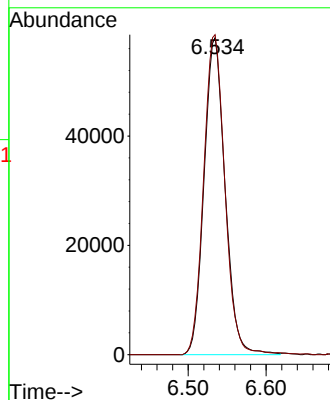
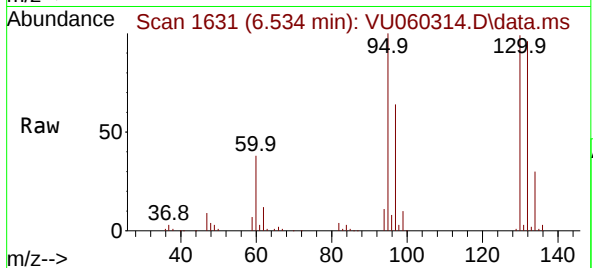
95 101.0 80.6 121.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024

Supervised By :Semsettin Yesilyurt 08/12/2024



#38

1,2-Dichloropropane

Concen: 10.030 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.000 min

Lab File: VU060314.D

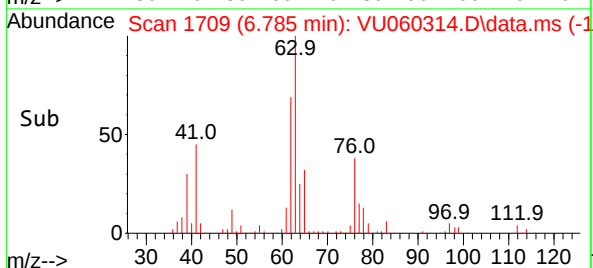
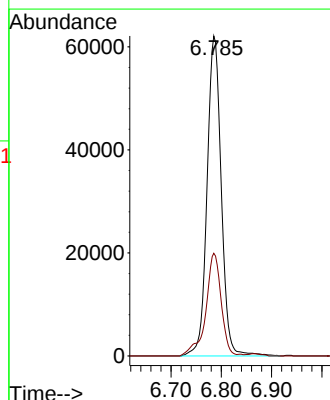
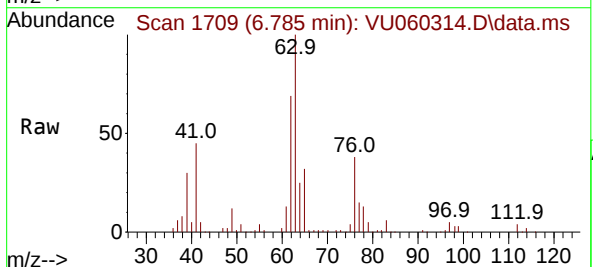
Acq: 06 Aug 2024 09:55

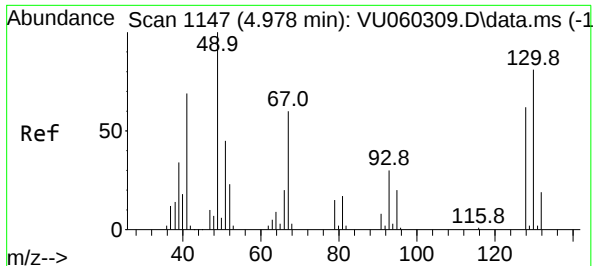
Tgt Ion: 63 Resp: 121962

Ion Ratio Lower Upper

63 100

65 32.1 25.6 38.4





#39

Methacrylonitrile

Concen: 8.408 ug/l

RT: 4.975 min Scan# 1146

Delta R.T. -0.003 min

Lab File: VU060314.D

Acq: 06 Aug 2024 09:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 3466

Ion Ratio Lower Upper

41 100

67 83.7 67.4 101.0

39 51.1 41.7 62.5

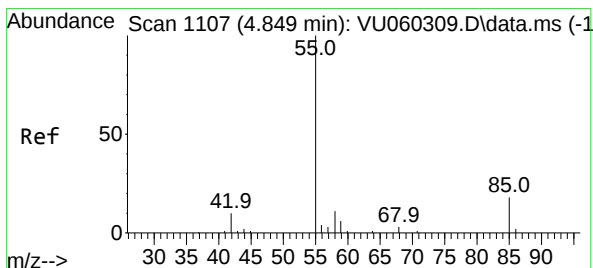
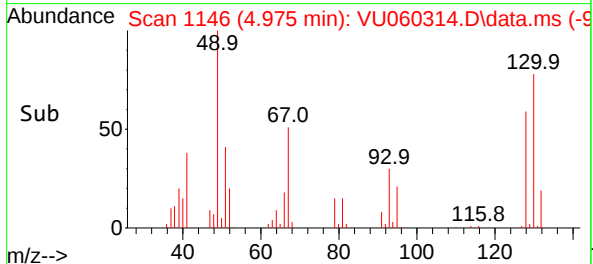
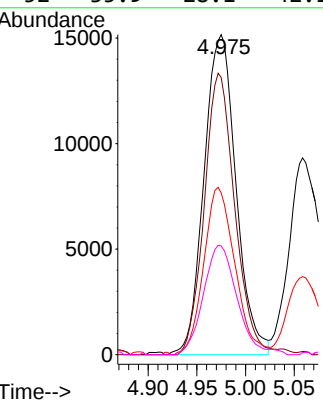
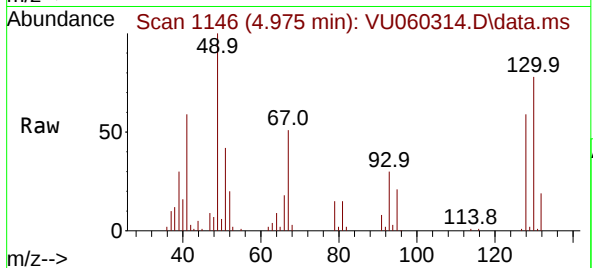
52 35.9 28.1 42.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024

Supervised By :Semsettin Yesilyurt 08/12/2024



#40

Methyl acrylate

Concen: 8.308 ug/l

RT: 4.846 min Scan# 1106

Delta R.T. -0.003 min

Lab File: VU060314.D

Acq: 06 Aug 2024 09:55

Tgt Ion: 55 Resp: 59984

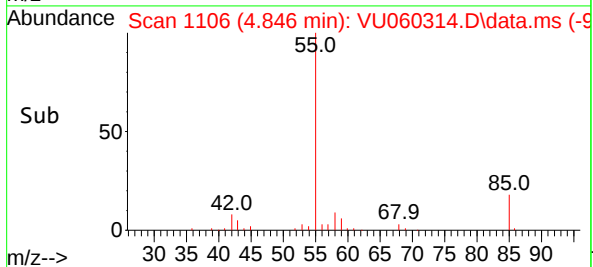
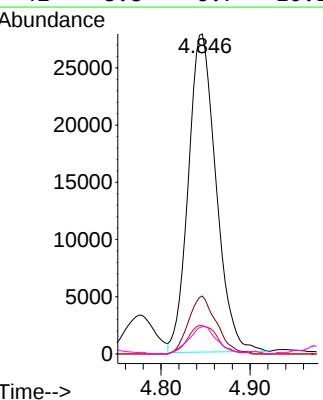
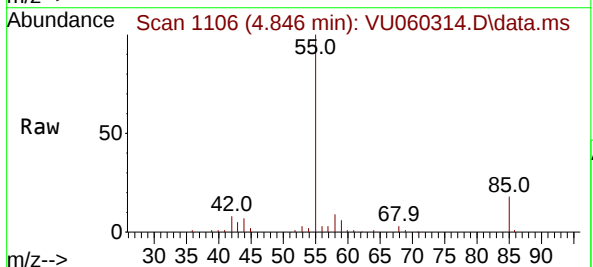
Ion Ratio Lower Upper

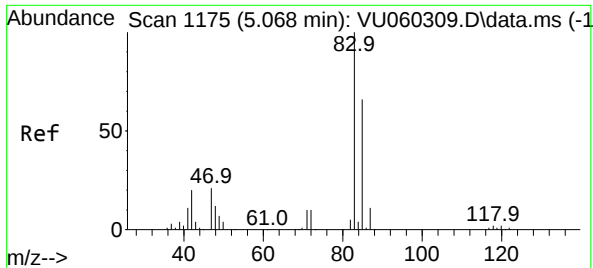
55 100

85 18.4 13.6 20.4

58 9.8 7.6 11.4

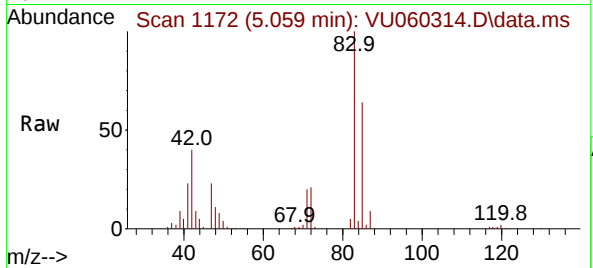
42 8.8 6.7 10.1





#41
Tetrahydrofuran
Concen: 15.401 ug/l
RT: 5.059 min Scan# 1175
Delta R.T. -0.010 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

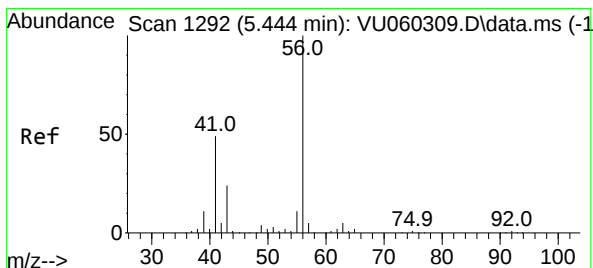
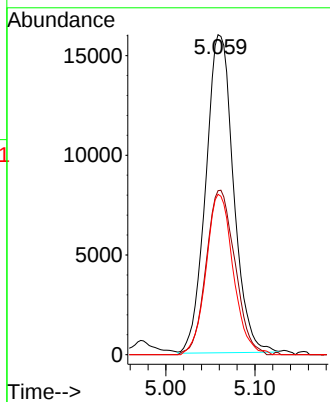
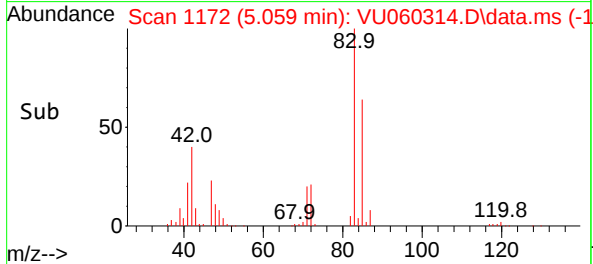
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



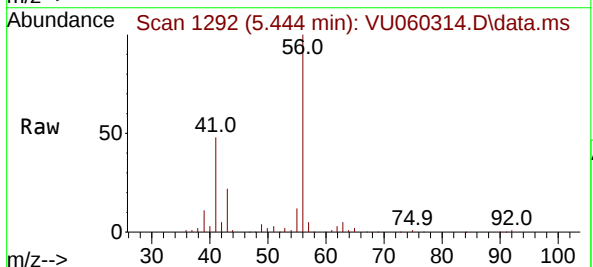
Tgt Ion: 42 Resp: 3457
Ion Ratio Lower Upper
42 100
72 53.6 40.6 60.8
71 49.3 38.0 57.0

Manual Integrations
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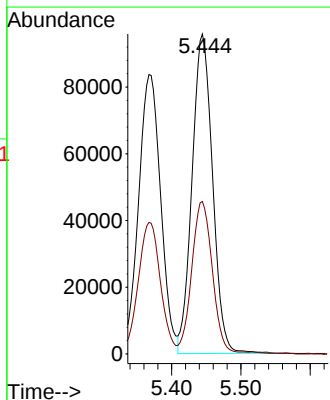
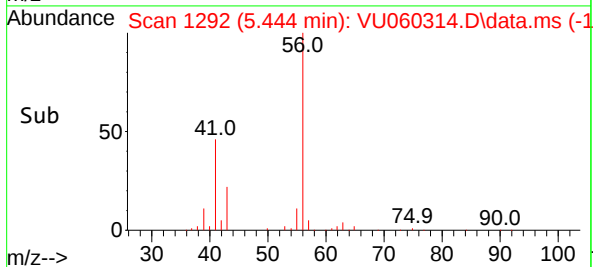
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

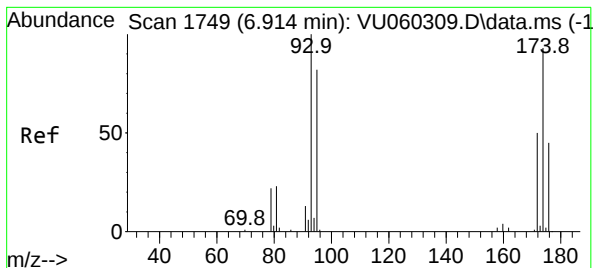


#42
1-Chlorobutane
Concen: 9.799 ug/l
RT: 5.444 min Scan# 1292
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55



Tgt Ion: 56 Resp: 197076
Ion Ratio Lower Upper
56 100
41 46.9 23.8 71.5





#43

Dibromomethane

Concen: 9.307 ug/l

RT: 6.914 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VU060314.D

Acq: 06 Aug 2024 09:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 93 Resp: 5724

Ion Ratio Lower Upper

93 100

95 85.7 66.4 99.6

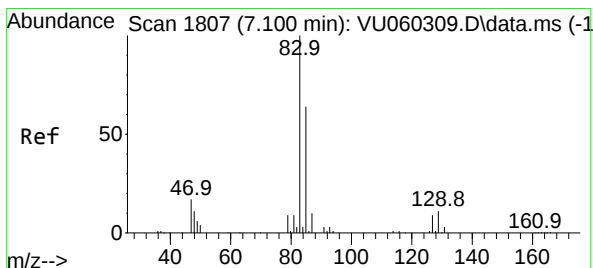
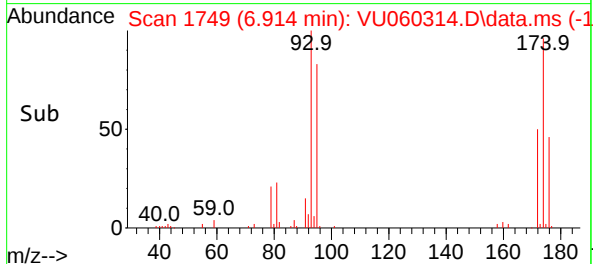
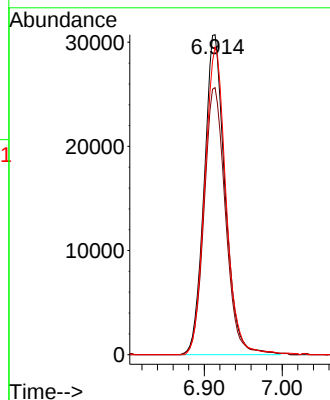
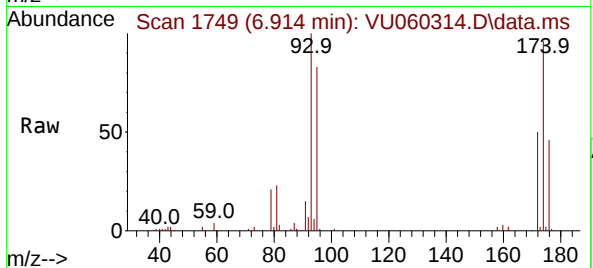
174 97.6 75.2 112.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024

Supervised By :Semsettin Yesilyurt 08/12/2024



#44

Bromodichloromethane

Concen: 9.920 ug/l

RT: 7.100 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VU060314.D

Acq: 06 Aug 2024 09:55

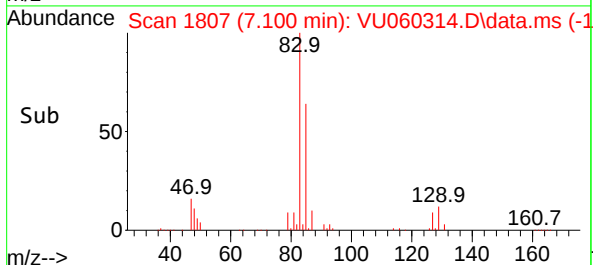
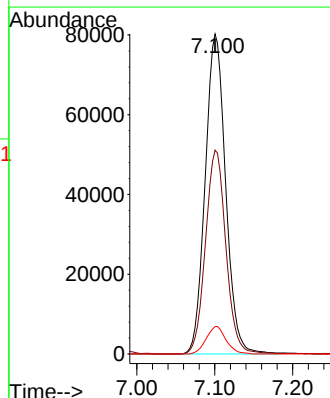
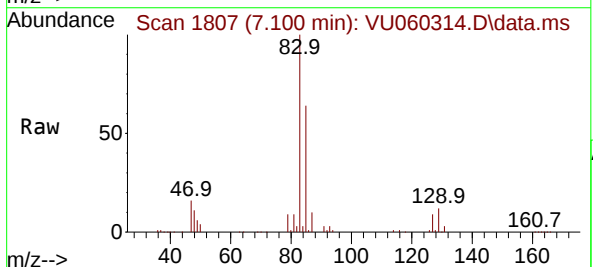
Tgt Ion: 83 Resp: 146507

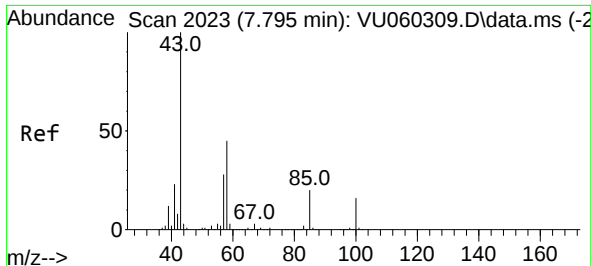
Ion Ratio Lower Upper

83 100

85 63.7 51.3 76.9

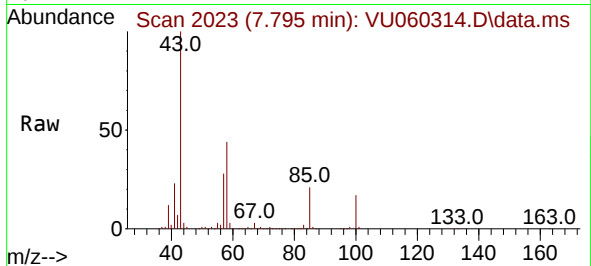
127 8.5 6.8 10.2





#45
4-Methyl-2-Pentanone
Concen: 49.896 ug/l
RT: 7.795 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

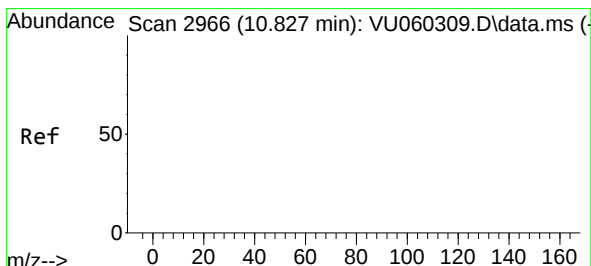
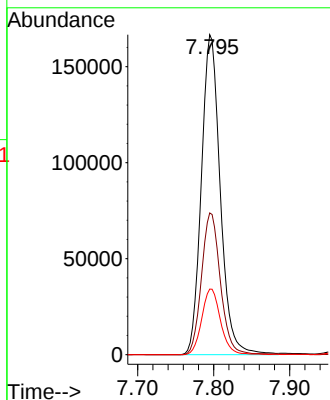
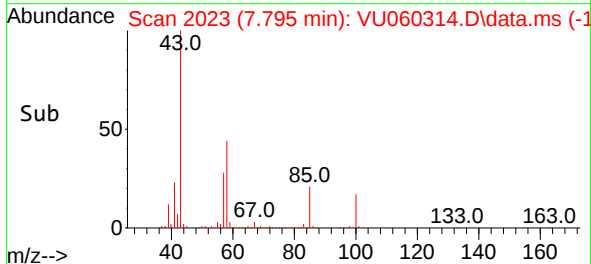
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 28818
Ion Ratio Lower Upper
43 100
58 44.6 22.3 66.9
85 20.4 16.0 24.0

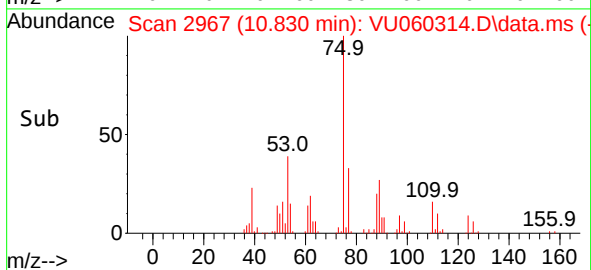
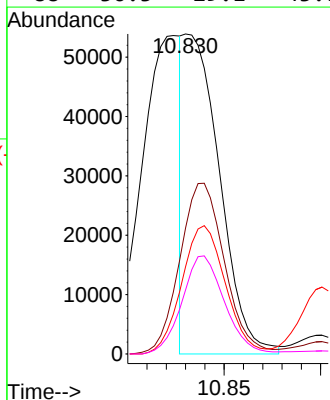
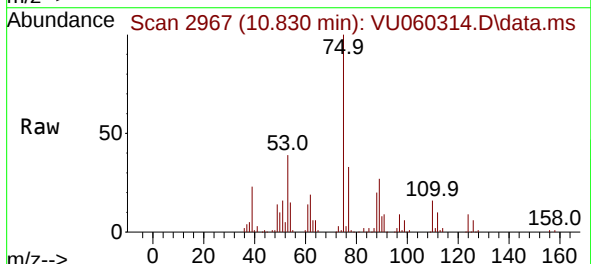
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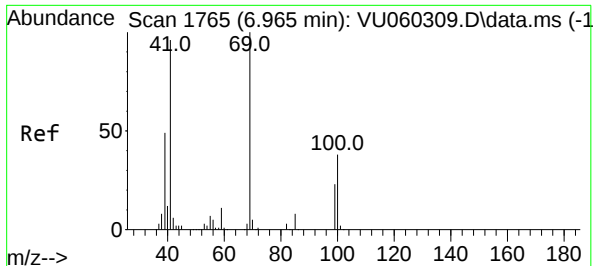
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#46
t-1,4-Dichloro-2-butene
Concen: 21.557 ug/l m
RT: 10.830 min Scan# 2967
Delta R.T. 0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion: 75 Resp: 69768
Ion Ratio Lower Upper
75 100
53 66.4 57.2 85.8
89 48.8 40.4 60.6
88 36.3 29.1 43.7





#47

Methyl methacrylate

Concen: 21.040 ug/l

RT: 6.962 min Scan# 1764

Delta R.T. -0.003 min

Lab File: VU060314.D

Acq: 06 Aug 2024 09:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 69 Resp: 105010

Ion Ratio Lower Upper

69 100

41 92.8 0.0 194.0

39 46.4 38.0 57.0

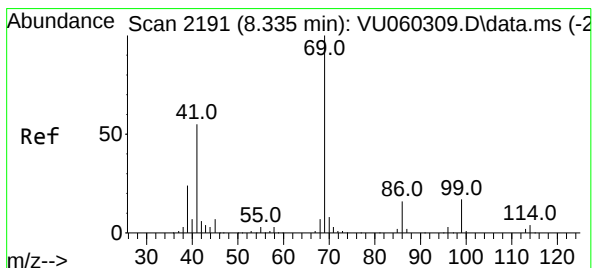
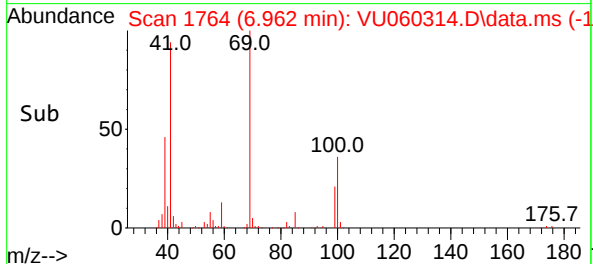
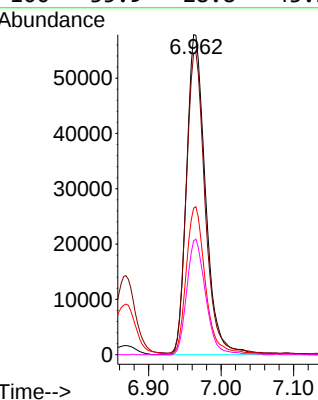
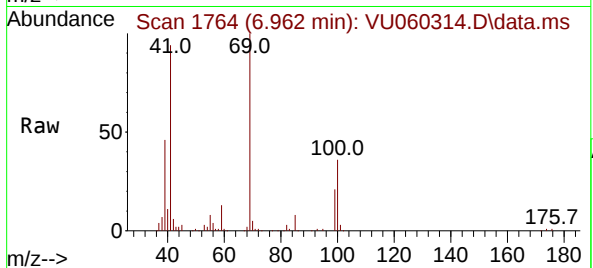
100 35.9 28.8 43.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/12/2024

Supervised By :Semsettin Yesilyurt 08/12/2024



#48

Ethyl methacrylate

Concen: 10.741 ug/l

RT: 8.335 min Scan# 2191

Delta R.T. 0.000 min

Lab File: VU060314.D

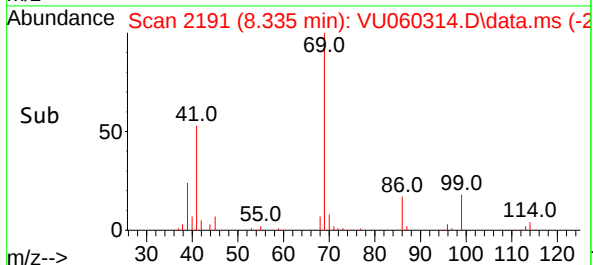
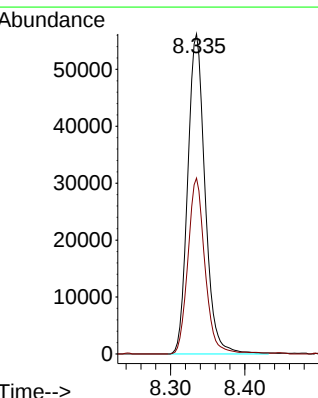
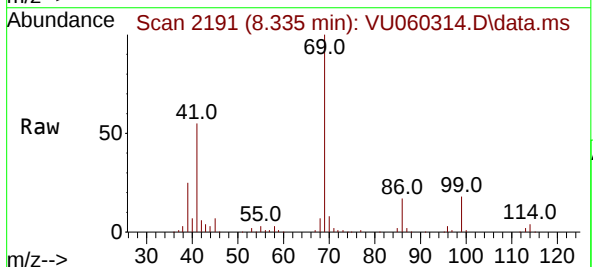
Acq: 06 Aug 2024 09:55

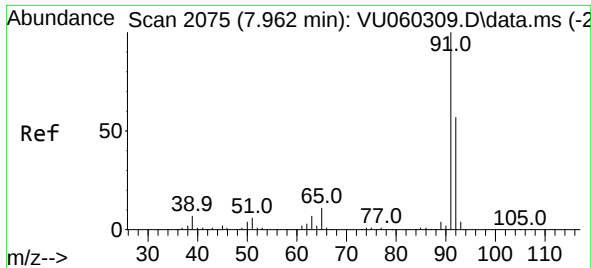
Tgt Ion: 69 Resp: 91022

Ion Ratio Lower Upper

69 100

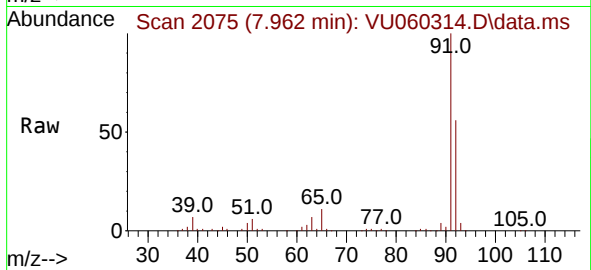
41 53.8 27.5 82.5





#49
Toluene
Concen: 10.923 ug/l
RT: 7.962 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

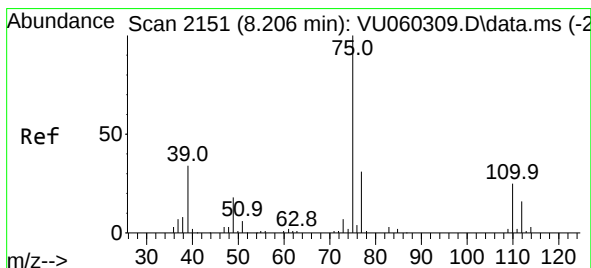
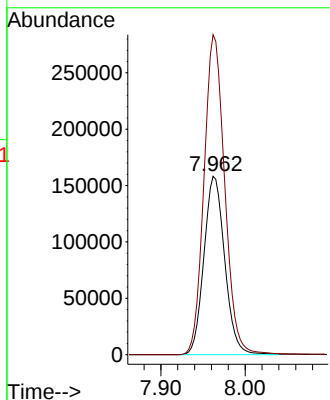
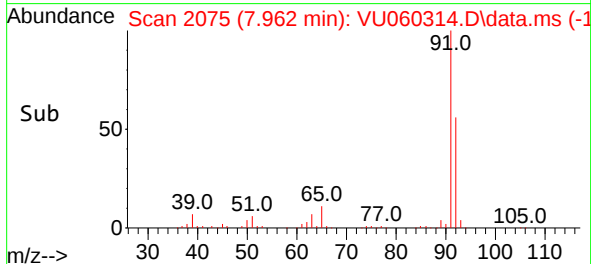
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 92 Resp: 27224
Ion Ratio Lower Upper
92 100
91 179.3 141.0 211.4

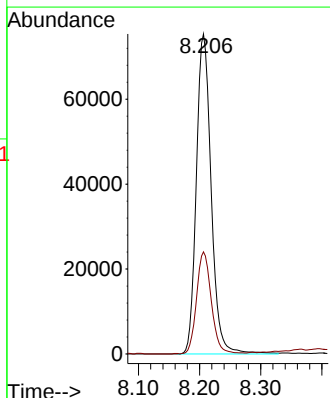
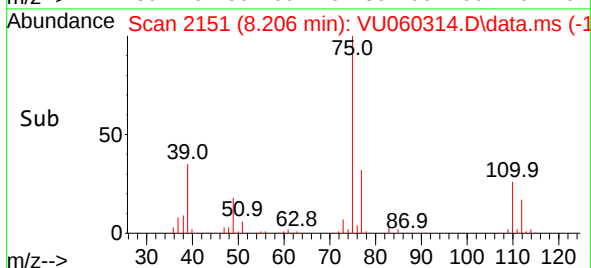
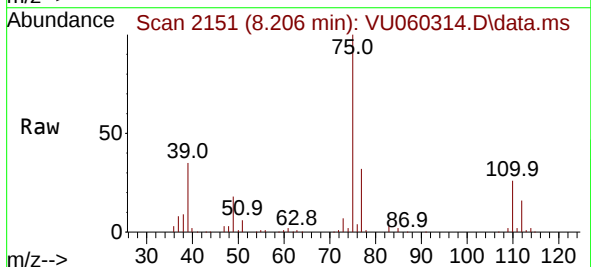
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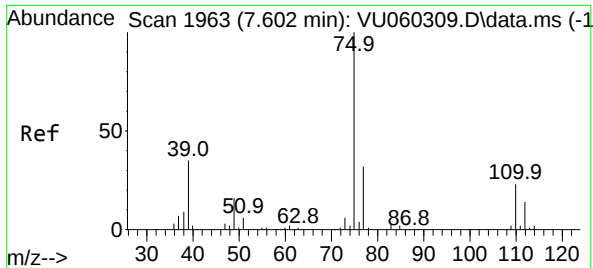
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#50
t-1,3-Dichloropropene
Concen: 10.422 ug/l
RT: 8.206 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion: 75 Resp: 127073
Ion Ratio Lower Upper
75 100
77 31.8 24.6 37.0





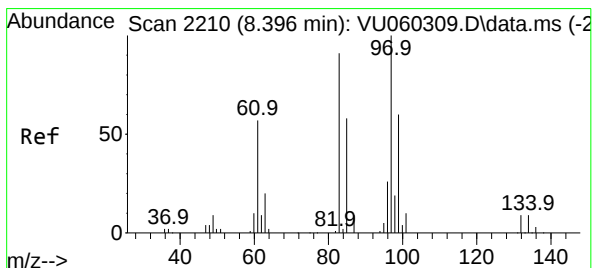
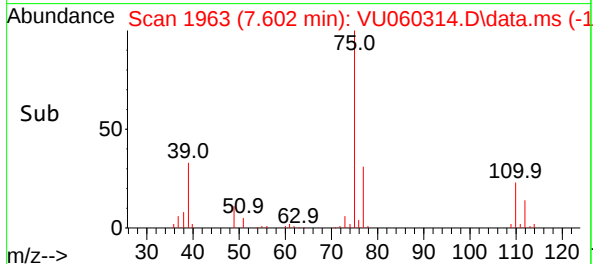
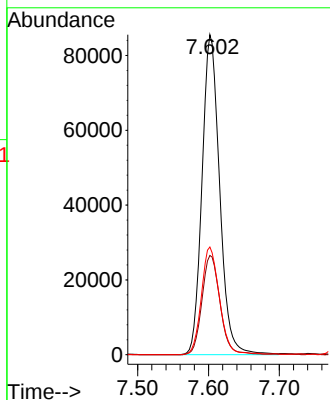
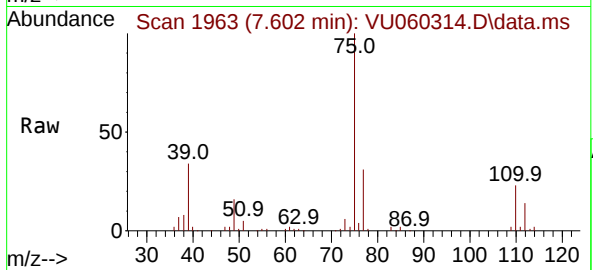
#51
 cis-1,3-Dichloropropene
 Concen: 10.079 ug/l
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU060314.D
 Acq: 06 Aug 2024 09:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 75 Resp: 147824
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.4 38.0
 39 33.6 28.0 42.0

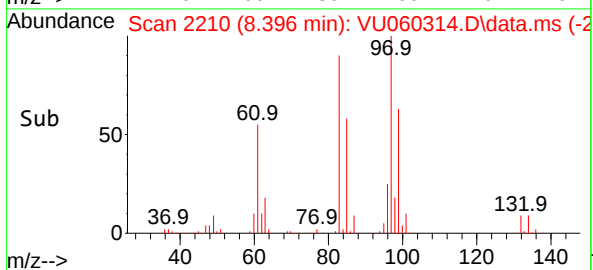
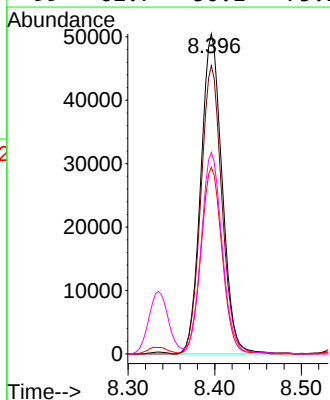
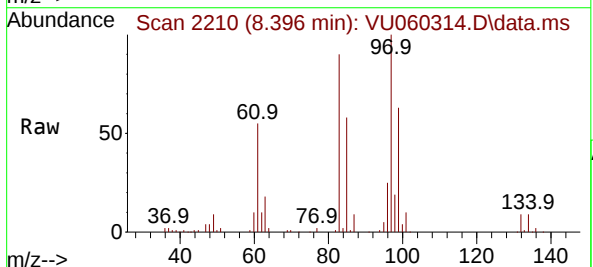
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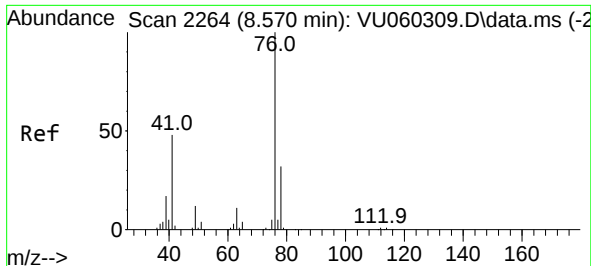
Reviewed By :Mahesh Dadoda 08/12/2024
 Supervised By :Semsettin Yesilyurt 08/12/2024



#52
 1,1,2-Trichloroethane
 Concen: 9.549 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VU060314.D
 Acq: 06 Aug 2024 09:55

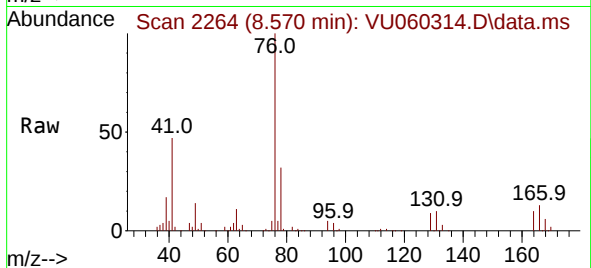
Tgt Ion: 97 Resp: 86226
 Ion Ratio Lower Upper
 97 100
 83 90.1 73.0 109.4
 85 58.4 46.2 69.4
 99 62.7 50.1 75.1





#53
1,3-Dichloropropane
Concen: 9.909 ug/l
RT: 8.570 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

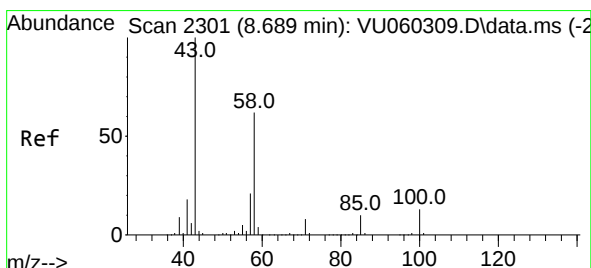
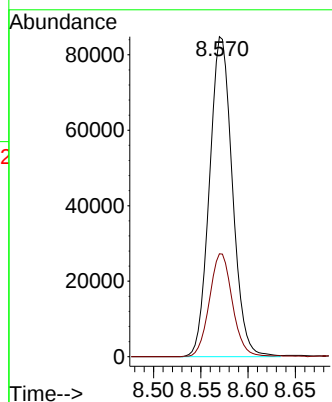
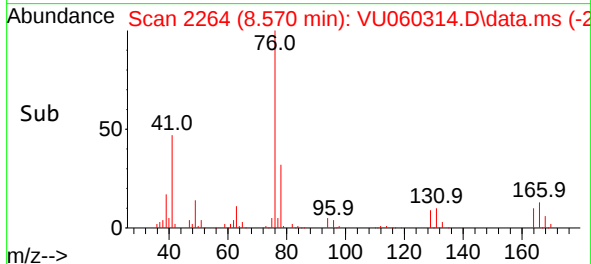
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



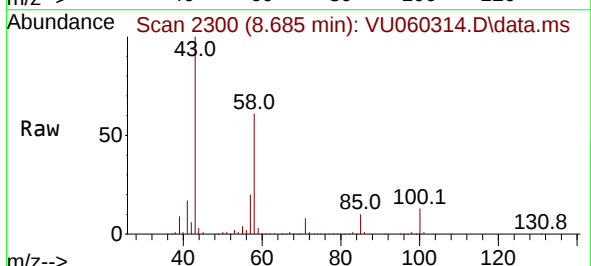
Tgt Ion: 76 Resp: 142760
Ion Ratio Lower Upper
76 100
78 32.3 26.2 39.2

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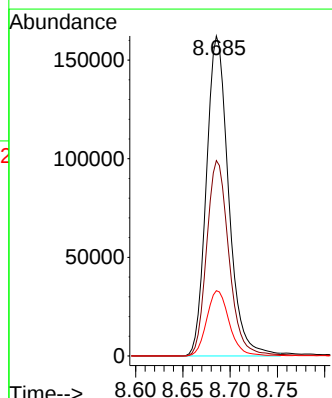
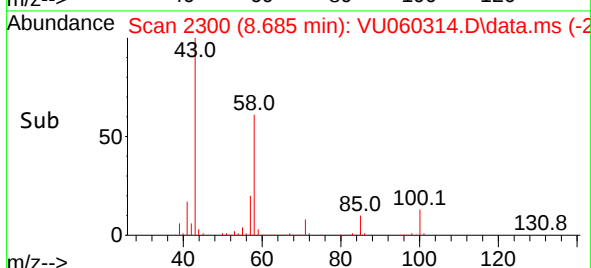
Reviewed By :Mahesh Dadoda 08/12/2024
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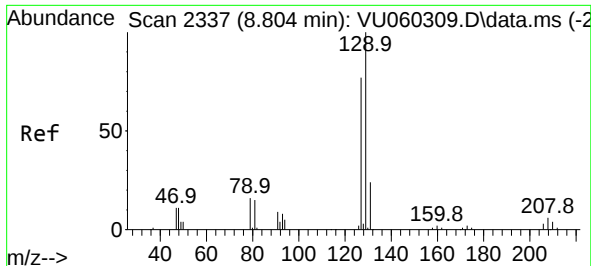


#54
2-Hexanone
Concen: 59.305 ug/l
RT: 8.685 min Scan# 2300
Delta R.T. -0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55



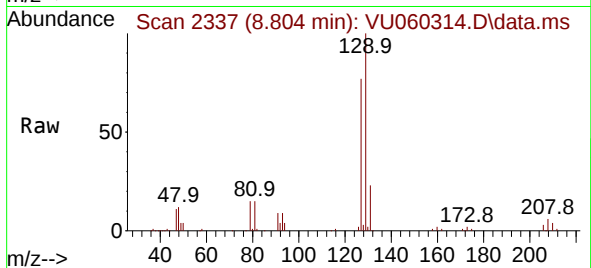
Tgt Ion: 43 Resp: 265475
Ion Ratio Lower Upper
43 100
58 61.5 40.1 80.1
57 20.6 0.3 40.3





#55
Dibromochloromethane
Concen: 10.073 ug/l
RT: 8.804 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

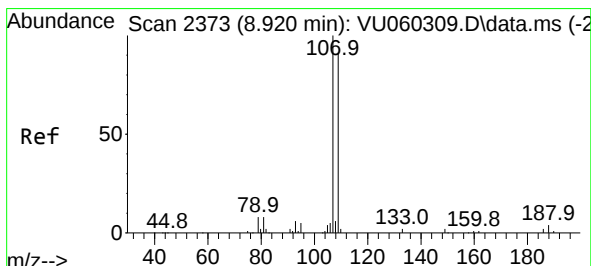
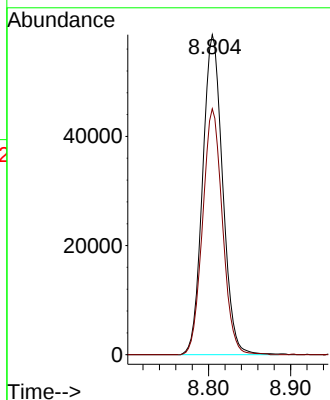
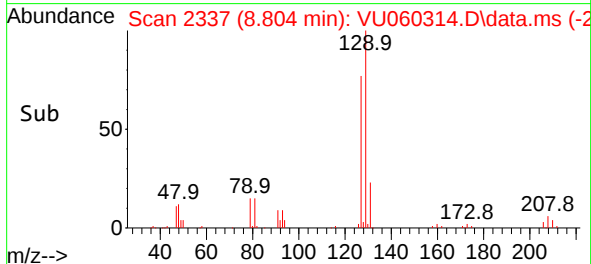
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



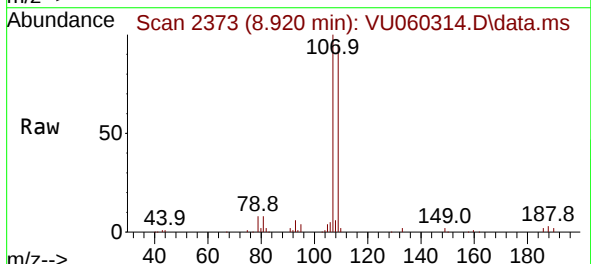
Tgt Ion:129 Resp: 99764
Ion Ratio Lower Upper
129 100
127 76.0 61.6 92.4

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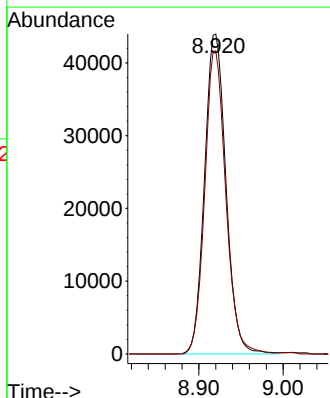
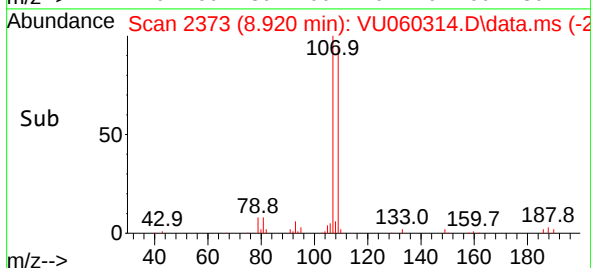
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

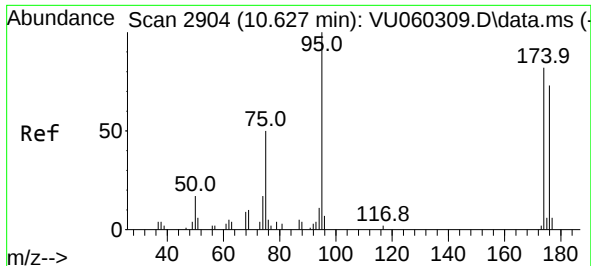


#56
1,2-Dibromoethane
Concen: 9.592 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55



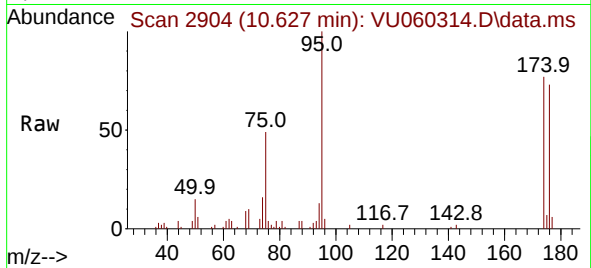
Tgt Ion:107 Resp: 77667
Ion Ratio Lower Upper
107 100
109 93.3 0.0 184.0





#57
4-Bromofluorobenzene
Concen: 1.366 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

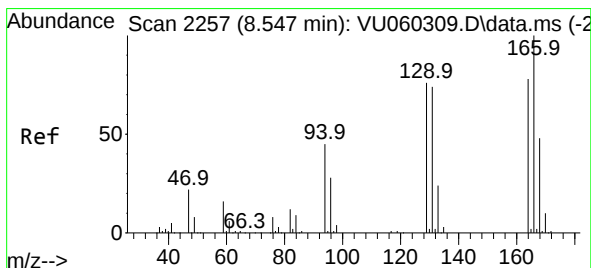
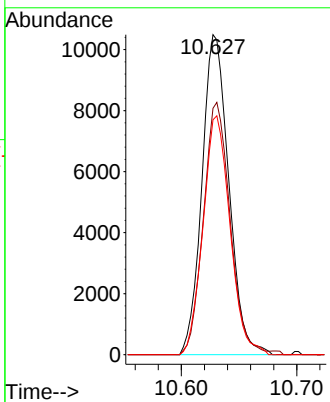
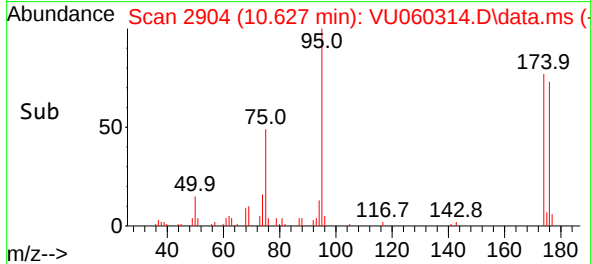
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 95 Resp: 1693
Ion Ratio Lower Upper
95 100
174 78.5 65.6 98.4
176 75.0 60.4 90.6

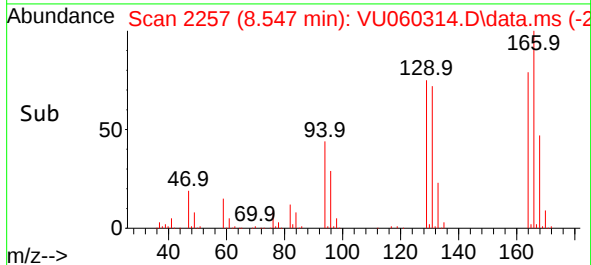
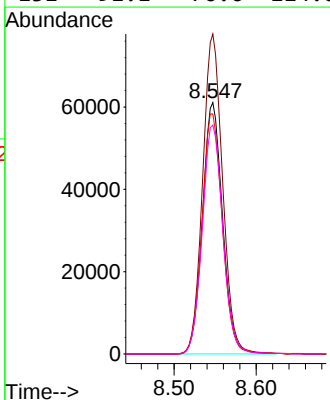
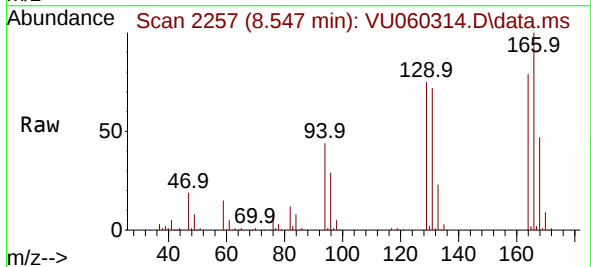
Manual Integrations
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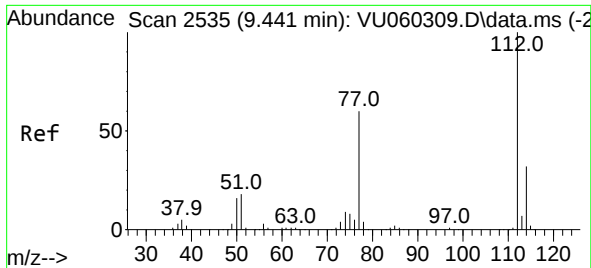
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#58
Tetrachloroethene
Concen: 10.461 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

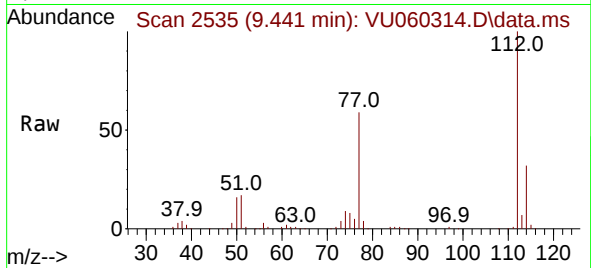
Tgt Ion:164 Resp: 104027
Ion Ratio Lower Upper
164 100
166 127.3 102.9 154.3
129 95.5 78.0 117.0
131 91.1 76.6 114.8





#59
Chlorobenzene
Concen: 10.685 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

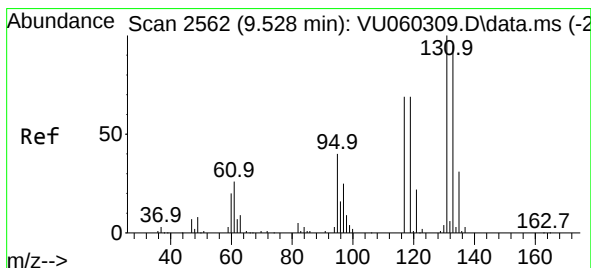
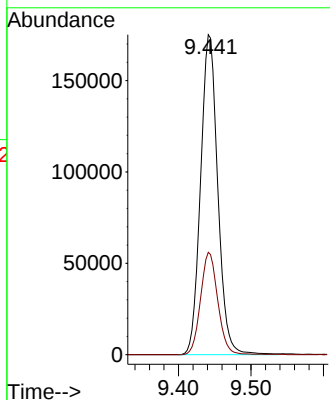
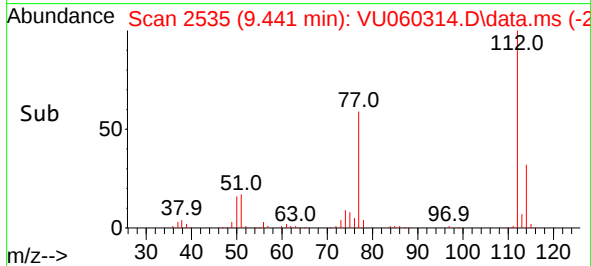
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:112 Resp: 288340
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9

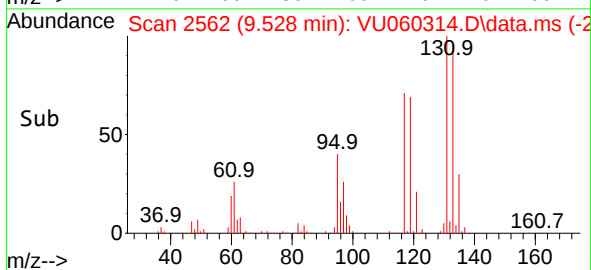
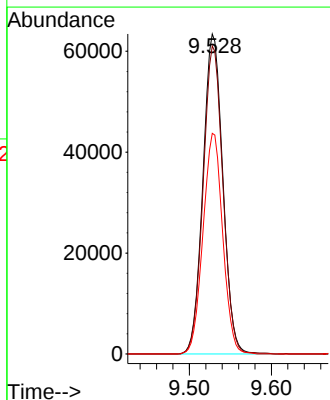
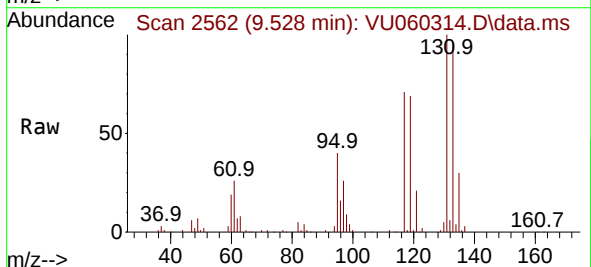
Manual Integrations
APPROVED

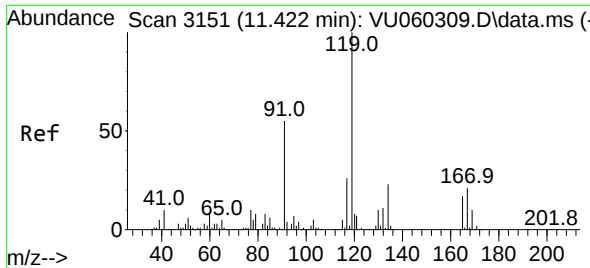
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#60
1,1,1,2-Tetrachloroethane
Concen: 10.042 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

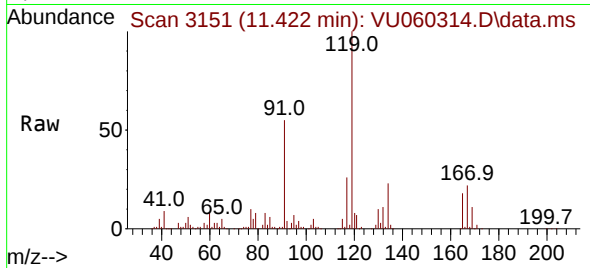
Tgt Ion:131 Resp: 106767
Ion Ratio Lower Upper
131 100
133 95.7 77.2 115.8
119 68.2 55.4 83.2





#61
 Pentachloroethane
 Concen: 10.407 ug/l
 RT: 11.422 min Scan# 3151
 Delta R.T. 0.000 min
 Lab File: VU060314.D
 Acq: 06 Aug 2024 09:55

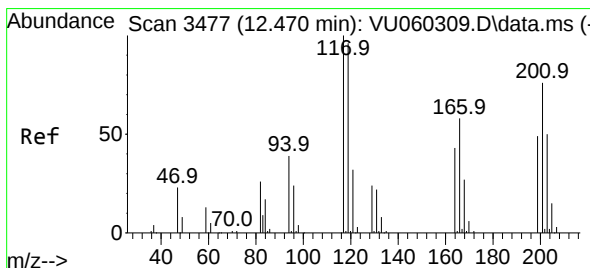
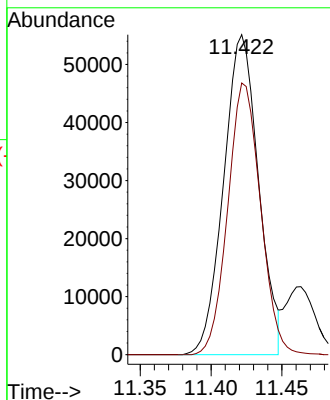
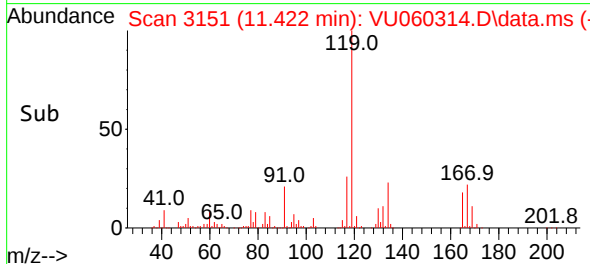
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010



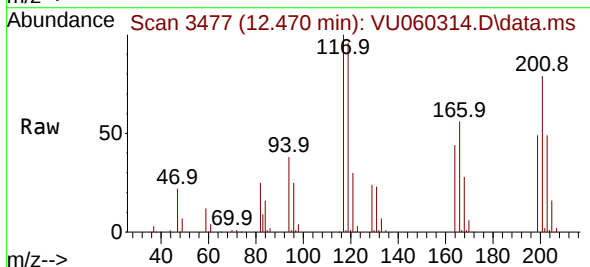
Tgt Ion:117 Resp: 9450
 Ion Ratio Lower Upper
 117 100
 167 79.7 62.2 93.4

Manual Integrations
 APPROVED

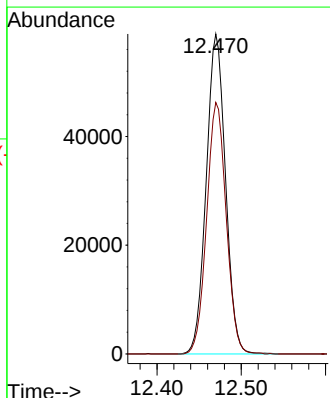
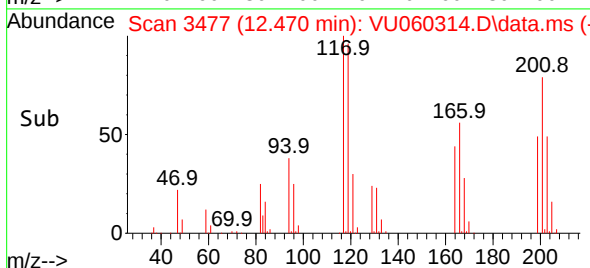
Reviewed By :Mahesh Dadoda 08/12/2024
 Supervised By :Semsettin Yesilyurt 08/12/2024

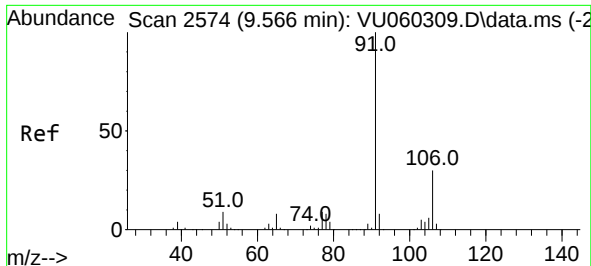


#62
 Hexachloroethane
 Concen: 10.672 ug/l
 RT: 12.470 min Scan# 3477
 Delta R.T. 0.000 min
 Lab File: VU060314.D
 Acq: 06 Aug 2024 09:55



Tgt Ion:117 Resp: 93671
 Ion Ratio Lower Upper
 117 100
 201 79.6 62.7 94.1





#63

Ethyl Benzene

Concen: 9.549 ug/l

RT: 9.566 min Scan# 2574

Delta R.T. 0.000 min

Lab File: VU060314.D

Acq: 06 Aug 2024 09:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 495629

Ion Ratio Lower Upper

91 100

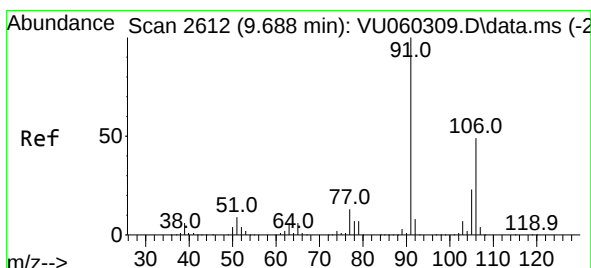
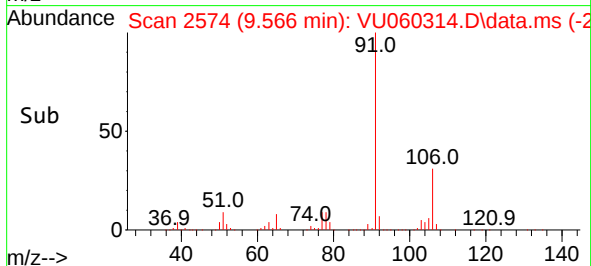
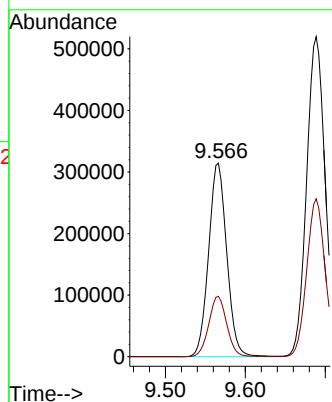
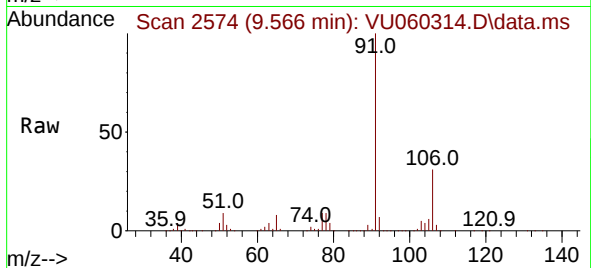
106 31.2 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024

Supervised By :Semsettin Yesilyurt 08/12/2024



#64

m/p-Xylenes

Concen: 19.836 ug/l

RT: 9.689 min Scan# 2612

Delta R.T. 0.001 min

Lab File: VU060314.D

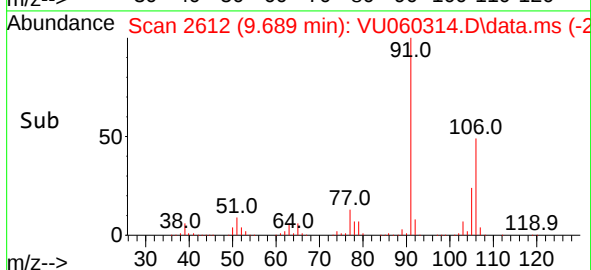
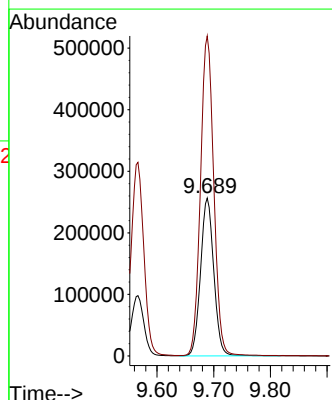
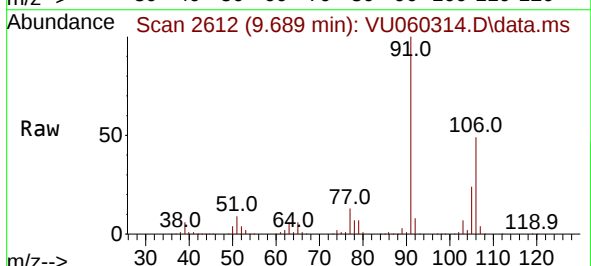
Acq: 06 Aug 2024 09:55

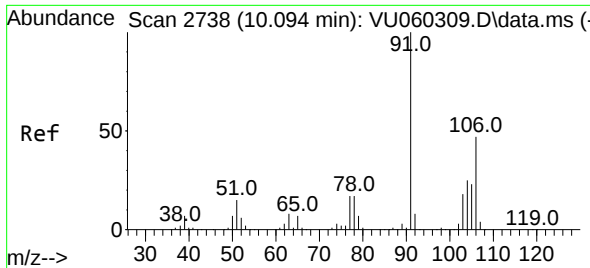
Tgt Ion:106 Resp: 413930

Ion Ratio Lower Upper

106 100

91 203.7 165.0 247.4





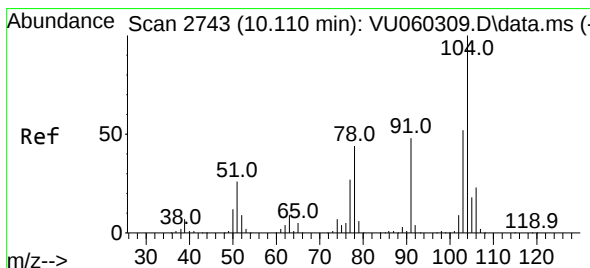
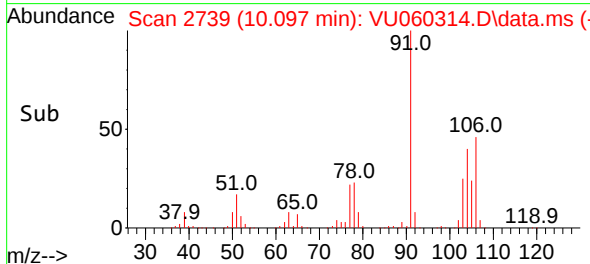
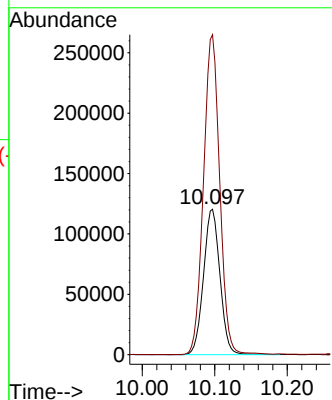
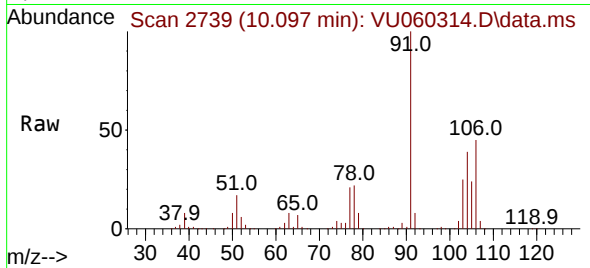
#65
o-Xylene
Concen: 9.646 ug/l
RT: 10.097 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:106 Resp: 18974
Ion Ratio Lower Upper
106 100
91 217.7 108.8 326.4

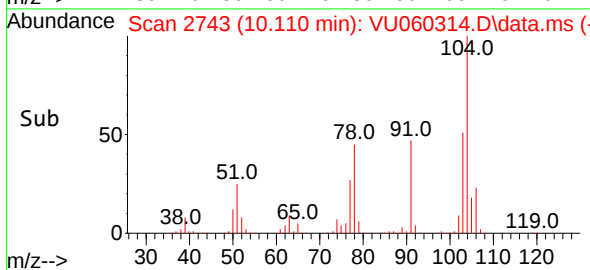
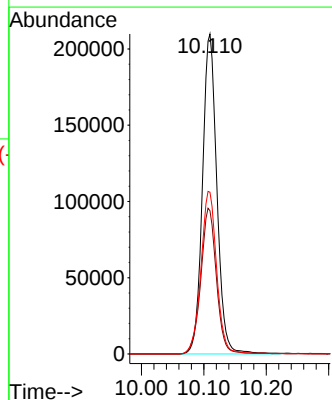
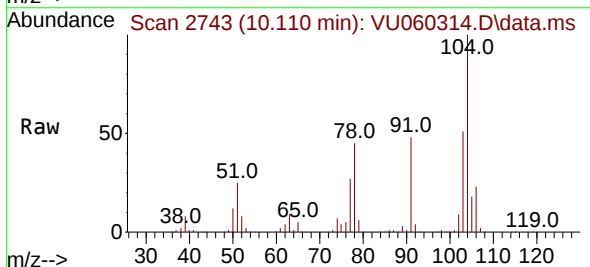
Manual Integrations
APPROVED

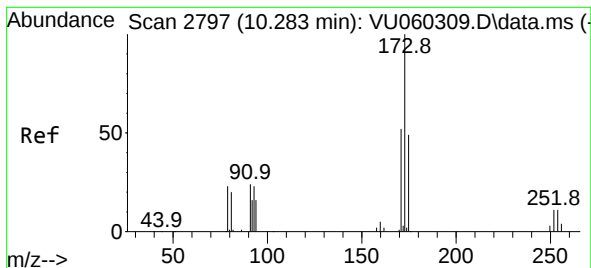
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#66
Styrene
Concen: 9.978 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion:104 Resp: 337591
Ion Ratio Lower Upper
104 100
78 48.9 39.0 58.6
103 55.4 45.0 67.6





#67

Bromoform

Concen: 10.120 ug/l

RT: 10.287 min Scan# 21

Delta R.T. 0.004 min

Lab File: VU060314.D

Acq: 06 Aug 2024 09:55

Instrument :

MSVOA_U

ClientSampleId :

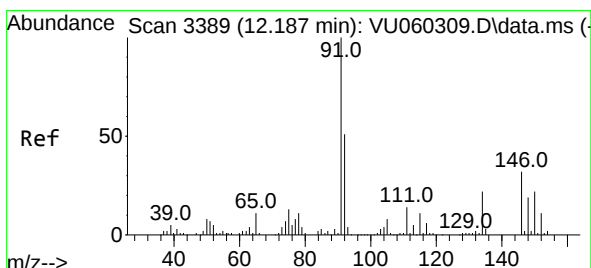
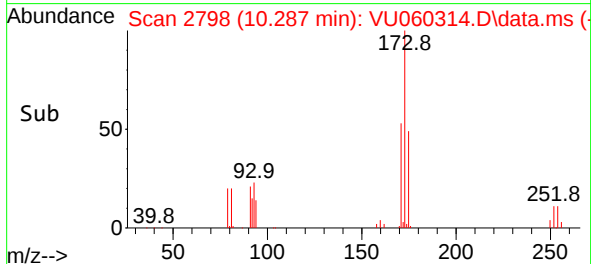
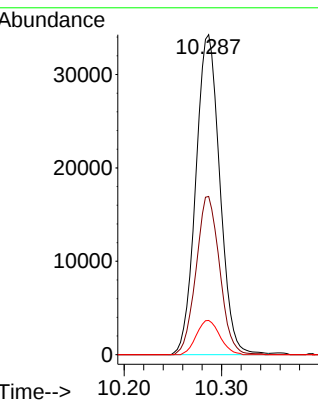
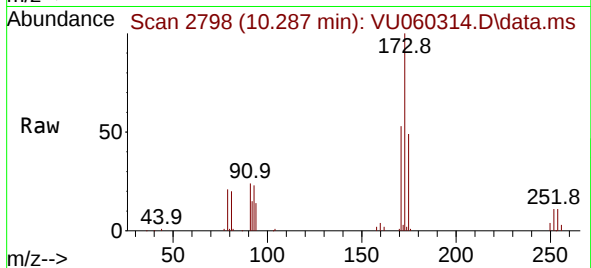
VSTDCCC010

Tgt Ion:173	Resp:	5870
Ion Ratio	Lower	Upper
173	100	
175	48.5	39.7 59.5
254	10.4	8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#68

1,2-Dichlorobenzene-d4

Concen: 1.056 ug/l

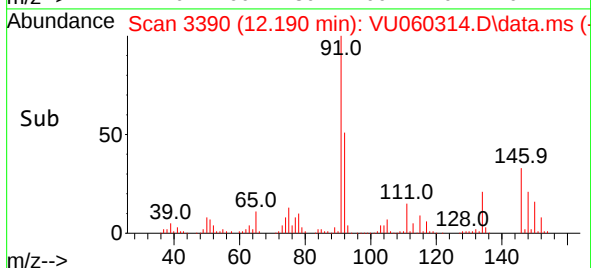
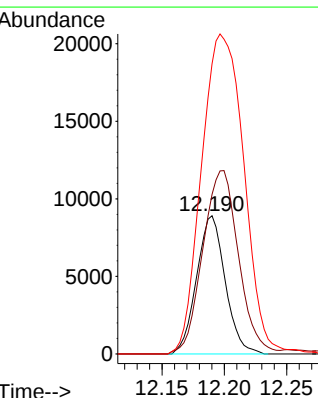
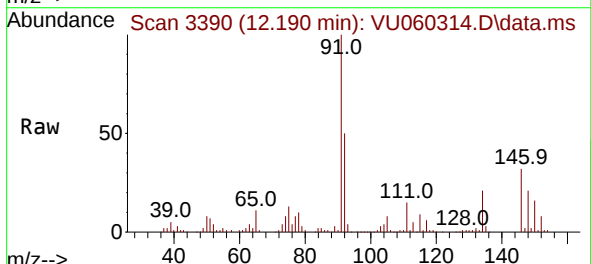
RT: 12.190 min Scan# 3390

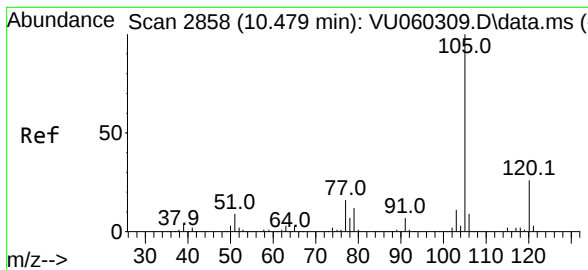
Delta R.T. 0.003 min

Lab File: VU060314.D

Acq: 06 Aug 2024 09:55

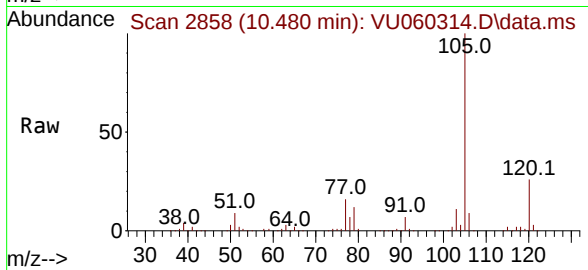
Tgt Ion:152	Resp:	14211
Ion Ratio	Lower	Upper
152	100	
115	166.1	0.0 325.2
150	344.2	0.0 684.2





#69
Isopropylbenzene
Concen: 9.764 ug/l
RT: 10.480 min Scan# 2858
Delta R.T. 0.001 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

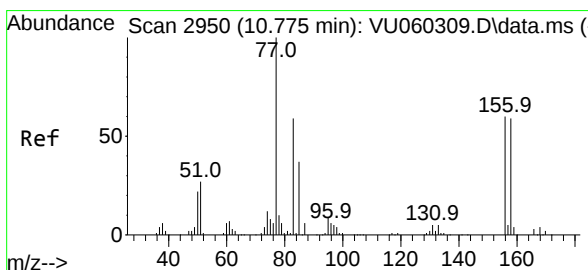
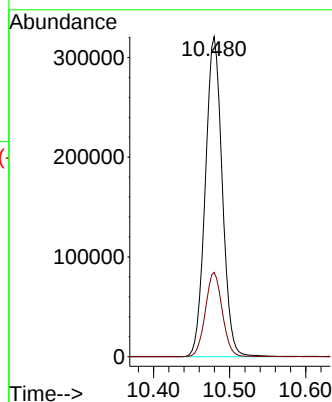
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:105 Resp: 496083
Ion Ratio Lower Upper
105 100
120 26.3 13.0 39.0

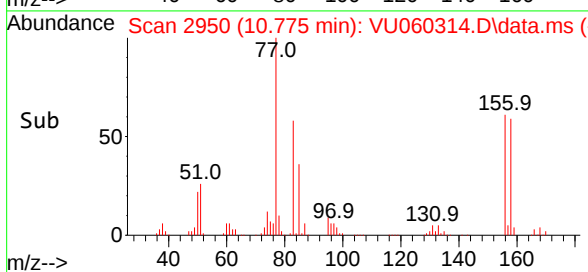
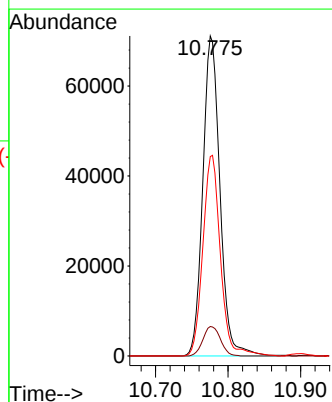
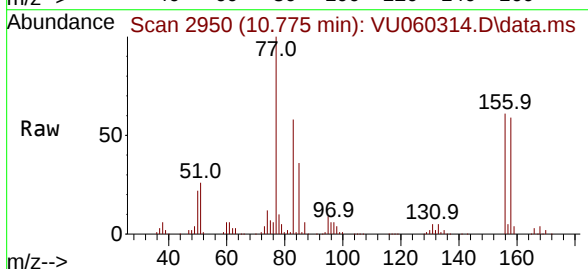
Manual Integrations
APPROVED

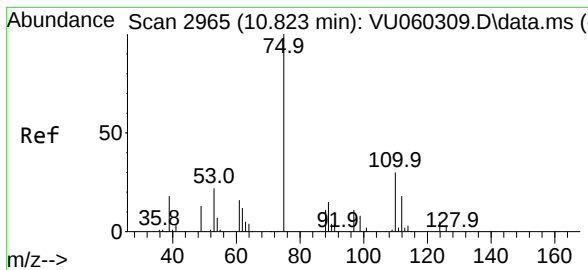
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#70
1,1,2,2-Tetrachloroethane
Concen: 9.748 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

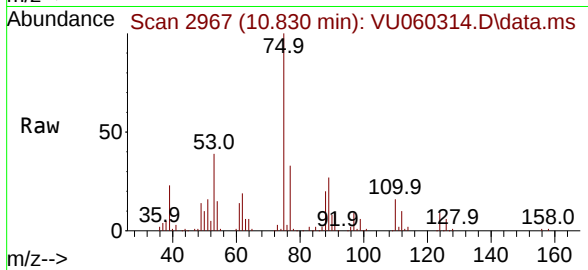
Tgt Ion: 83 Resp: 117126
Ion Ratio Lower Upper
83 100
131 9.4 7.1 10.7
85 64.2 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 9.587 ug/l m
RT: 10.830 min Scan# 2965
Delta R.T. 0.007 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

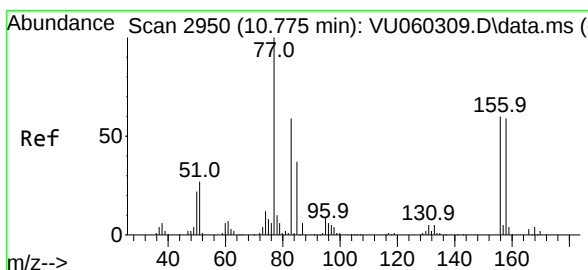
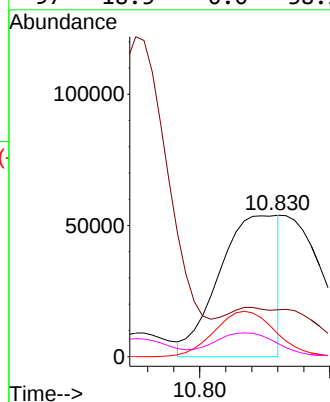
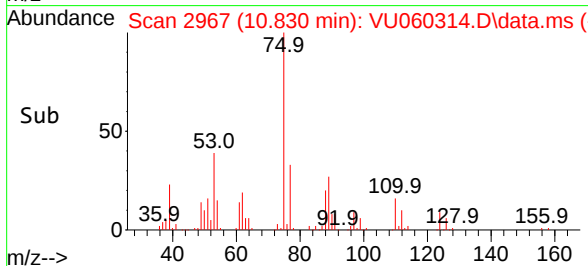
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



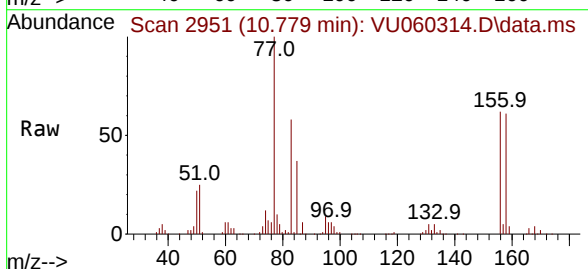
Tgt Ion:	75	Resp:	8532
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	102.2
110	33.5	0.0	67.4
97	18.5	0.0	38.2

Manual Integrations
APPROVED

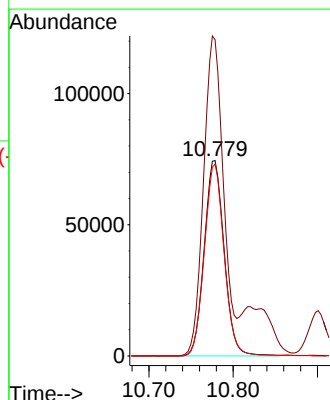
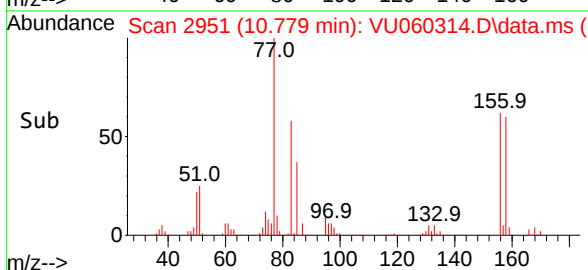
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

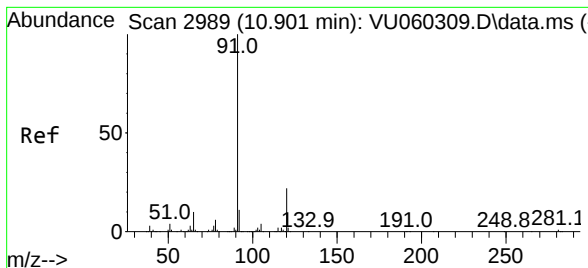


#72
Bromobenzene
Concen: 11.105 ug/l
RT: 10.779 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55



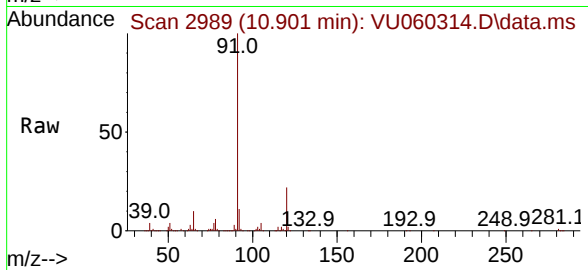
Tgt Ion:	156	Resp:	123056
Ion Ratio	Lower	Upper	
156	100		
77	162.5	0.0	327.2
158	97.0	0.0	193.8





#73
n-propylbenzene
Concen: 10.013 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. -0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

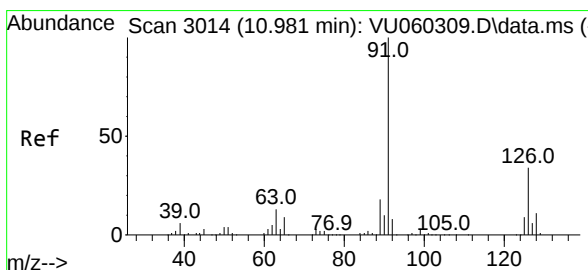
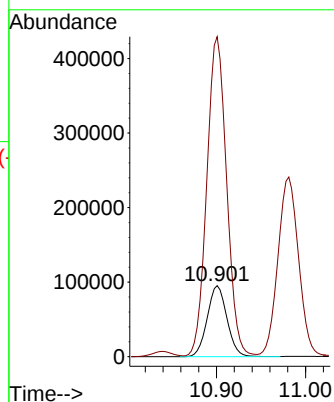
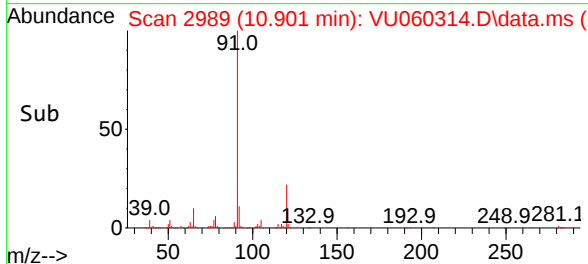
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



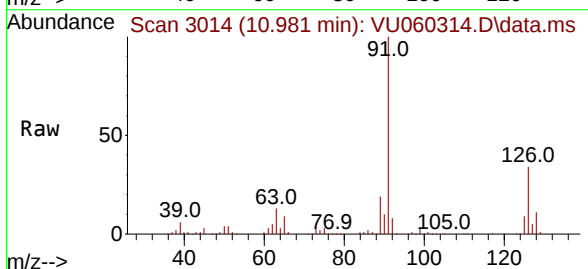
Tgt Ion:120 Resp: 14626
Ion Ratio Lower Upper
120 100
91 451.2 362.2 543.2

Manual Integrations
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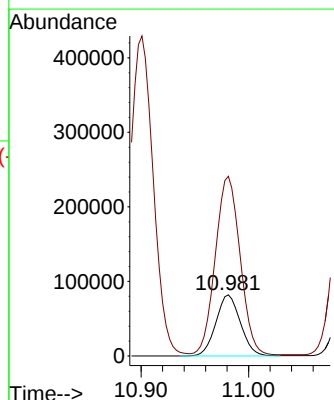
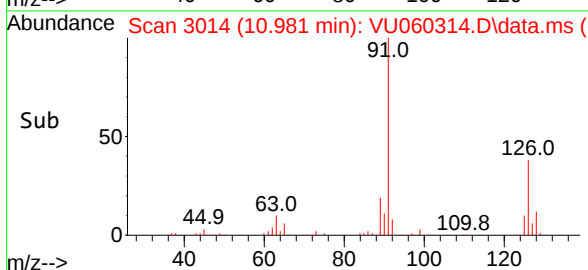
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

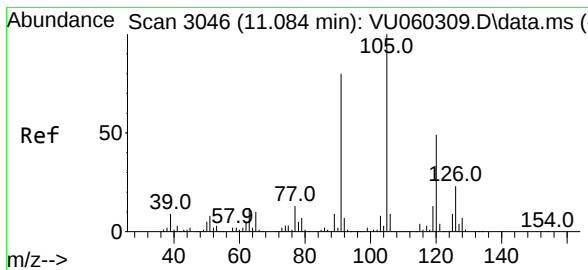


#74
2-Chlorotoluene
Concen: 10.061 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55



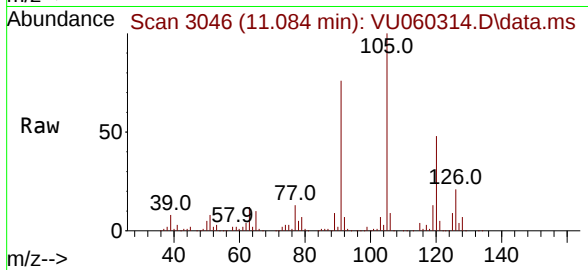
Tgt Ion:126 Resp: 129791
Ion Ratio Lower Upper
126 100
91 297.9 0.0 585.6





#75
1,3,5-Trimethylbenzene
Concen: 10.127 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

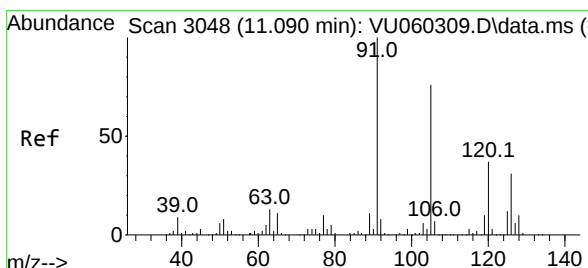
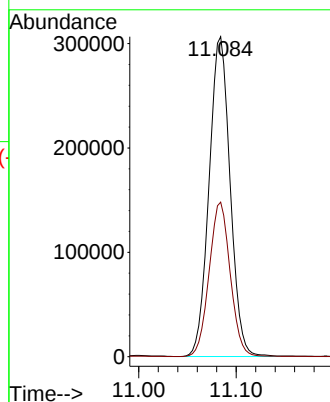
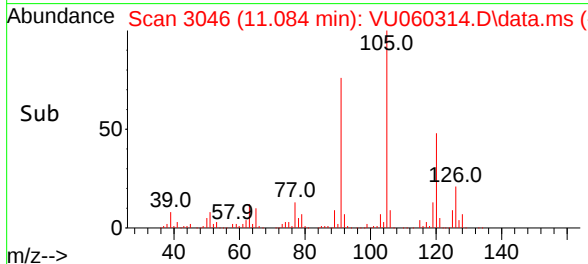
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



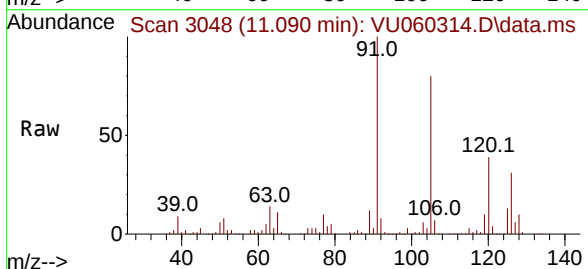
Tgt Ion:105 Resp: 45999
Ion Ratio Lower Upper
105 100
120 48.4 38.6 57.8

Manual Integrations
APPROVED

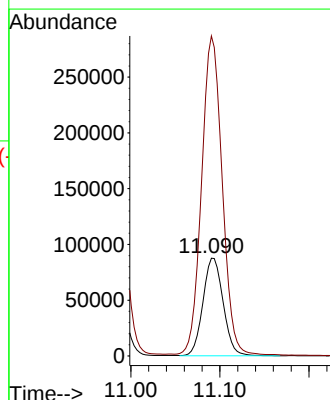
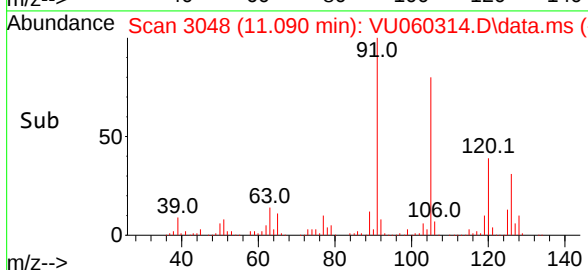
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

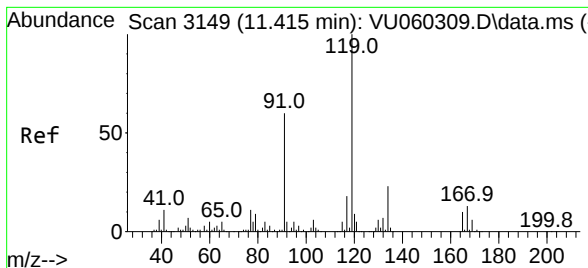


#76
4-Chlorotoluene
Concen: 10.163 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55



Tgt Ion:126 Resp: 137699
Ion Ratio Lower Upper
126 100
91 335.3 0.0 669.4





#77

tert-Butylbenzene

Concen: 9.824 ug/l

RT: 11.415 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VU060314.D

Acq: 06 Aug 2024 09:55

Instrument :

MSVOA_U

ClientSampleId :

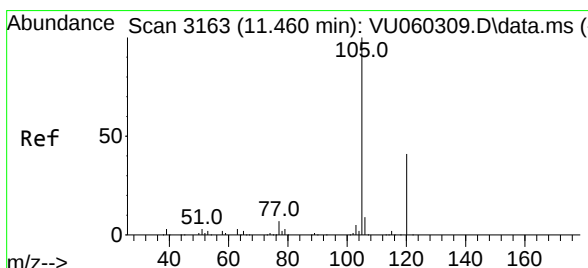
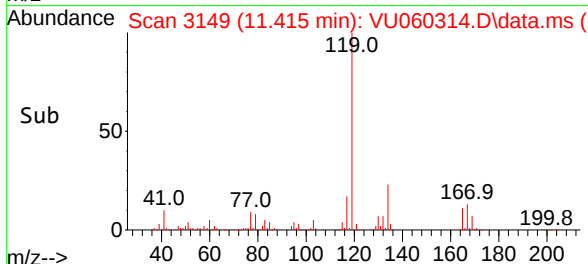
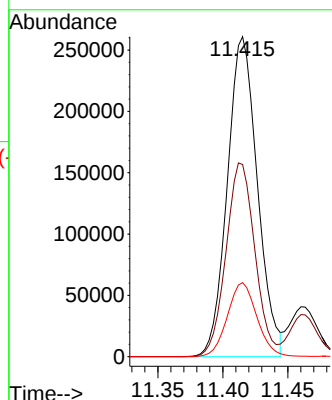
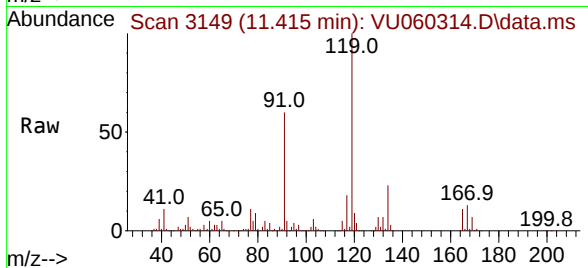
VSTDCCC010

Tgt Ion:119 Resp: 420854
 Ion Ratio Lower Upper
 119 100
 91 58.0 29.0 87.1
 134 22.8 17.8 26.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/12/2024
 Supervised By :Semsettin Yesilyurt 08/12/2024



#78

1,2,4-Trimethylbenzene

Concen: 10.144 ug/l

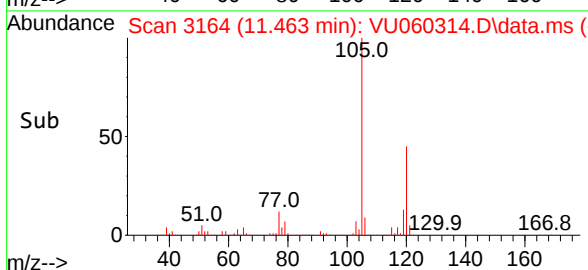
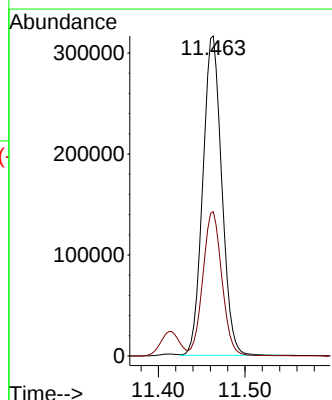
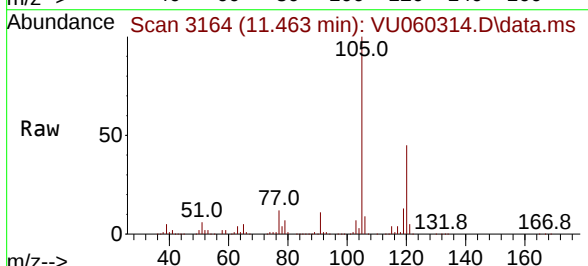
RT: 11.463 min Scan# 3164

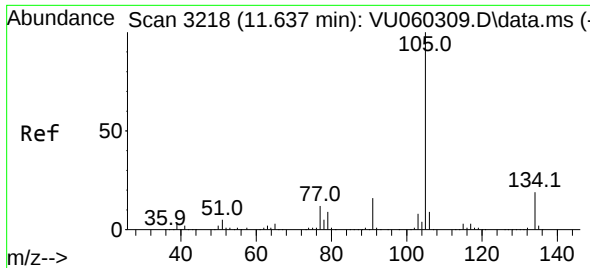
Delta R.T. 0.003 min

Lab File: VU060314.D

Acq: 06 Aug 2024 09:55

Tgt Ion:105 Resp: 480373
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.6 67.7





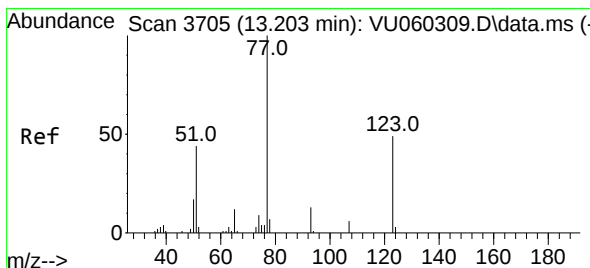
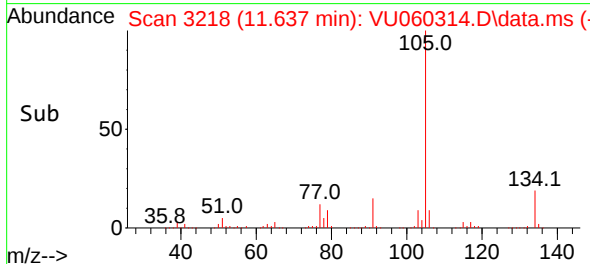
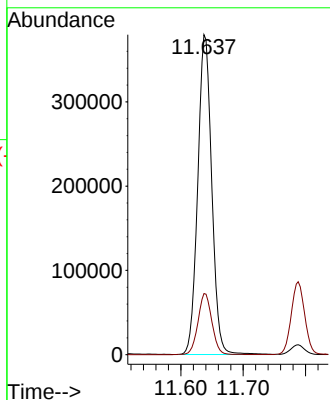
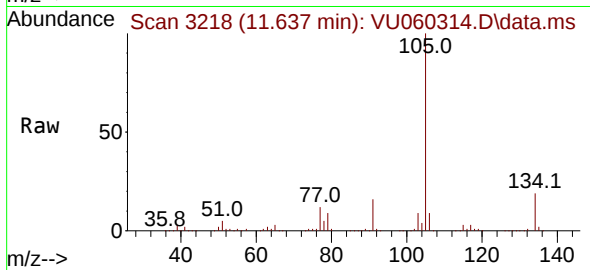
#79
 sec-Butylbenzene
 Concen: 10.063 ug/l
 RT: 11.637 min Scan# 3218
 Delta R.T. 0.000 min
 Lab File: VU060314.D
 Acq: 06 Aug 2024 09:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion:105 Resp: 59170
 Ion Ratio Lower Upper
 105 100
 134 19.1 15.5 23.3

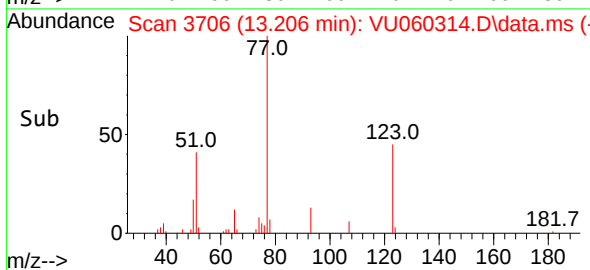
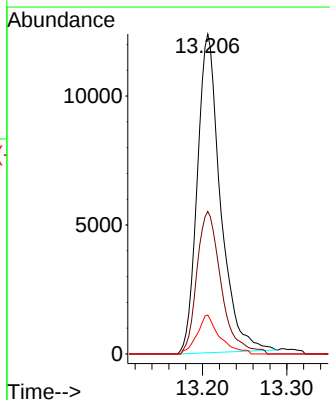
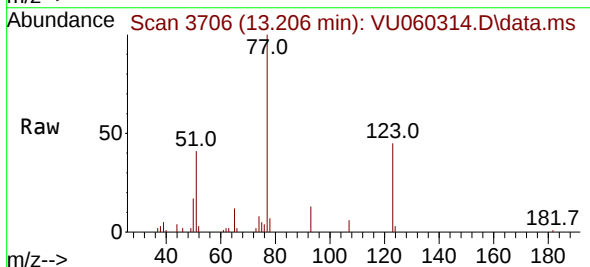
Manual Integrations
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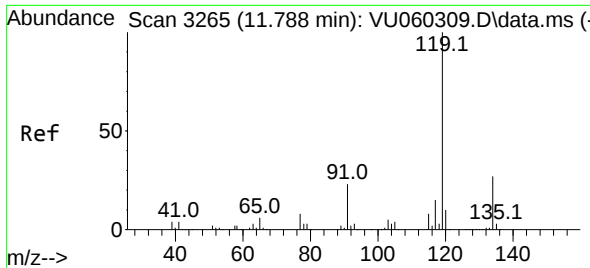
Reviewed By :Mahesh Dadoda 08/12/2024
 Supervised By :Semsettin Yesilyurt 08/12/2024



#80
 Nitrobenzene
 Concen: 44.863 ug/l
 RT: 13.206 min Scan# 3706
 Delta R.T. 0.003 min
 Lab File: VU060314.D
 Acq: 06 Aug 2024 09:55

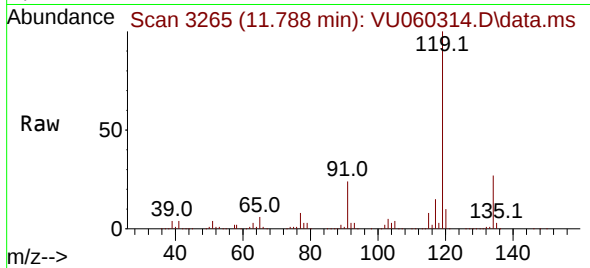
Tgt Ion: 77 Resp: 23671
 Ion Ratio Lower Upper
 77 100
 123 46.8 19.6 69.6
 65 11.9 9.0 11.4#





#81
p-Isopropyltoluene
Concen: 10.016 ug/l
RT: 11.788 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

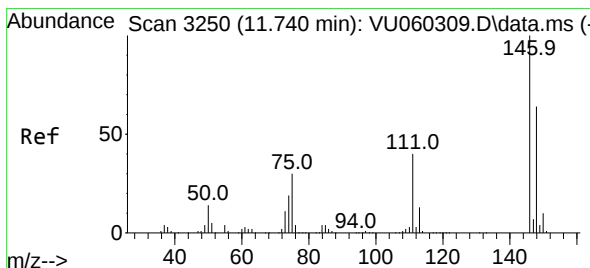
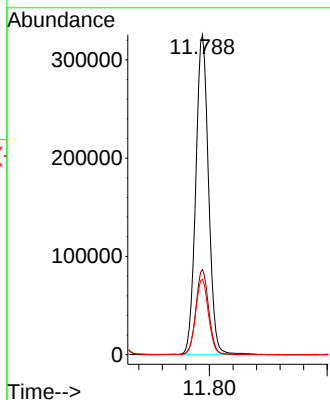
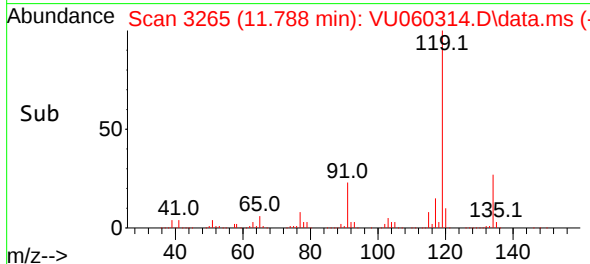
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



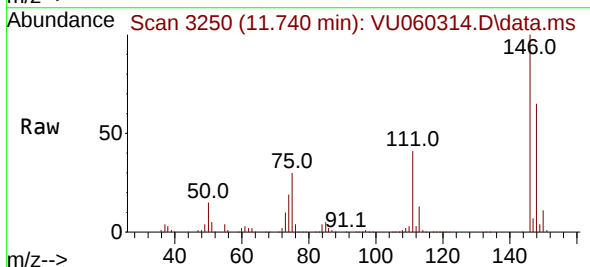
Tgt Ion:119 Resp: 489598
Ion Ratio Lower Upper
119 100
134 26.5 21.2 31.8
91 23.7 18.9 28.3

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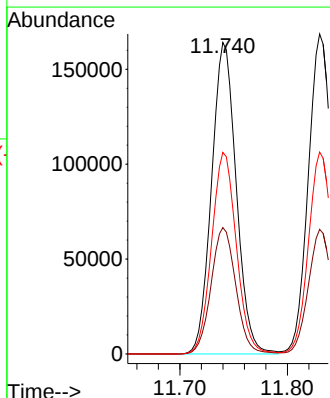
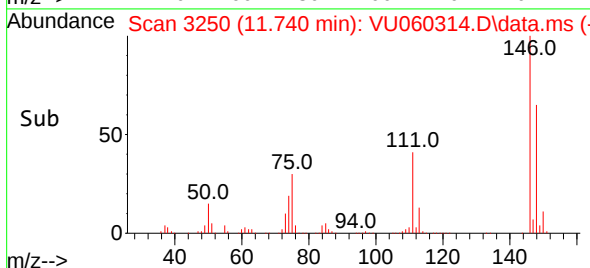
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

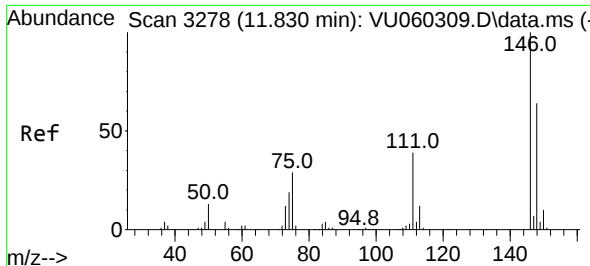


#82
1,3-Dichlorobenzene
Concen: 11.329 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55



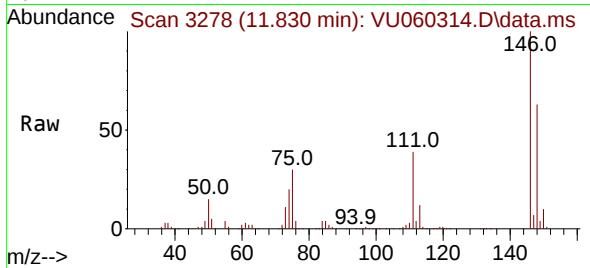
Tgt Ion:146 Resp: 261905
Ion Ratio Lower Upper
146 100
111 40.7 32.0 48.0
148 65.0 51.4 77.0





#83
1,4-Dichlorobenzene
Concen: 11.692 ug/l
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

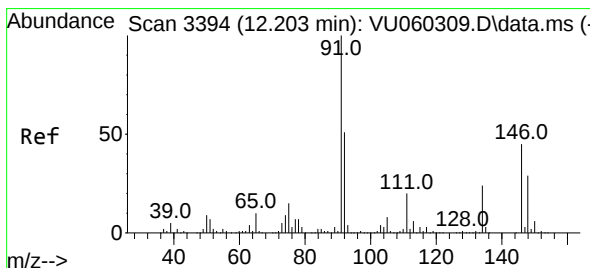
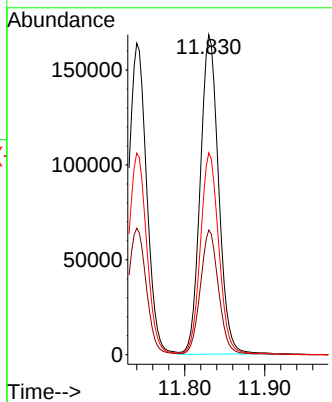
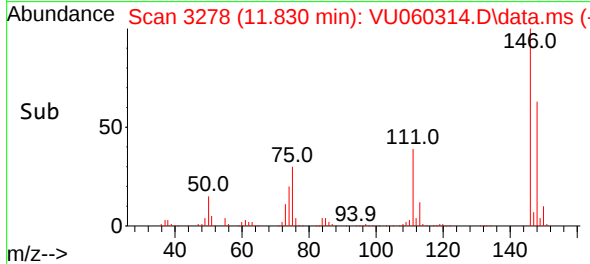
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



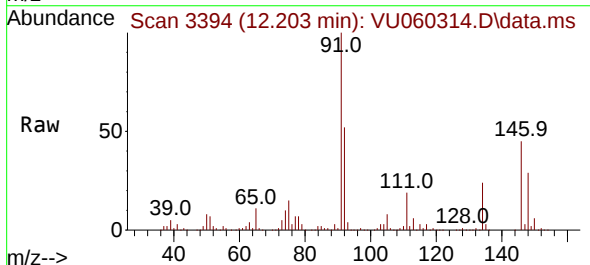
Tgt Ion:146 Resp: 26832
Ion Ratio Lower Upper
146 100
111 38.5 30.9 46.3
148 62.5 51.8 77.6

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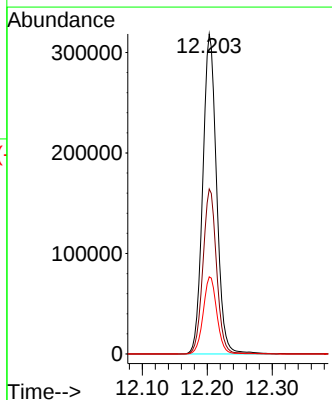
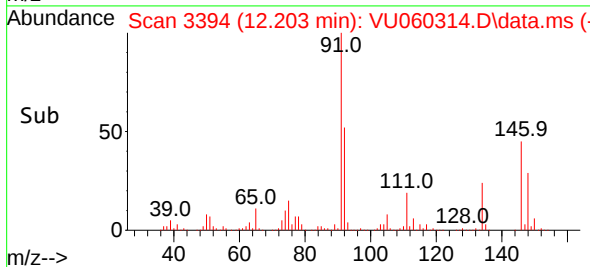
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

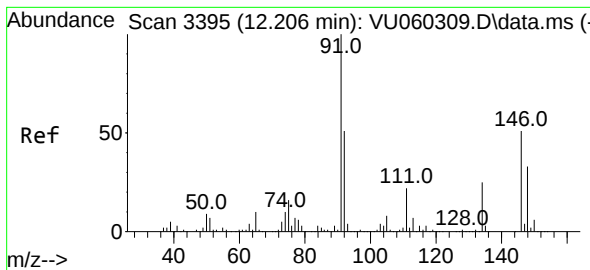


#84
n-Butylbenzene
Concen: 10.007 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. -0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55



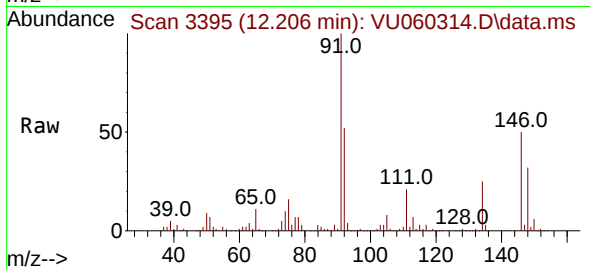
Tgt Ion: 91 Resp: 472139
Ion Ratio Lower Upper
91 100
92 51.1 41.0 61.6
134 23.8 19.4 29.2





#85
1,2-Dichlorobenzene
Concen: 11.305 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

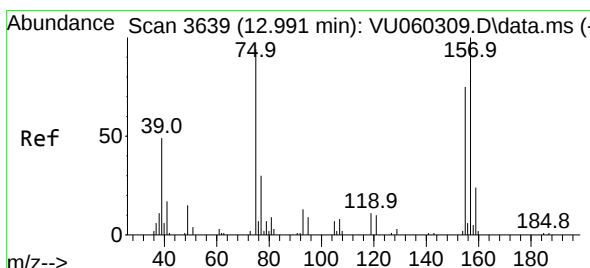
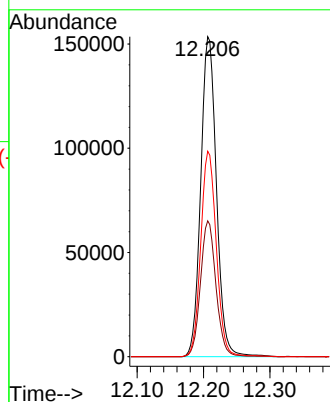
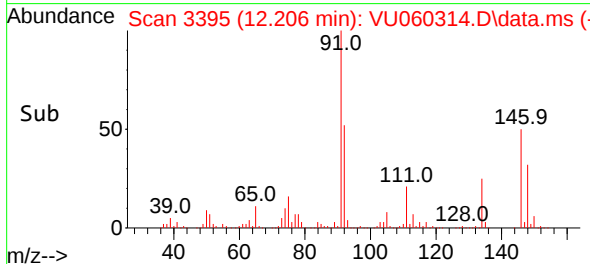
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:146 Resp: 252798
Ion Ratio Lower Upper
146 100
111 41.9 21.3 63.7
148 63.5 32.0 96.0

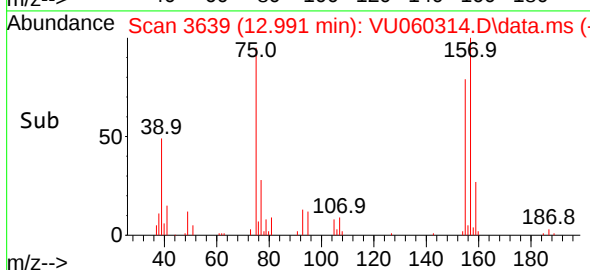
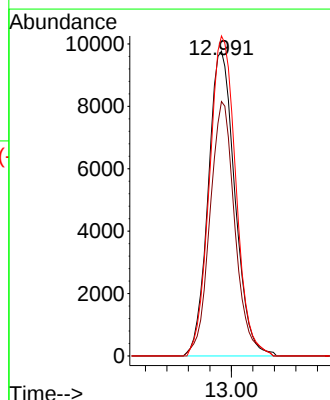
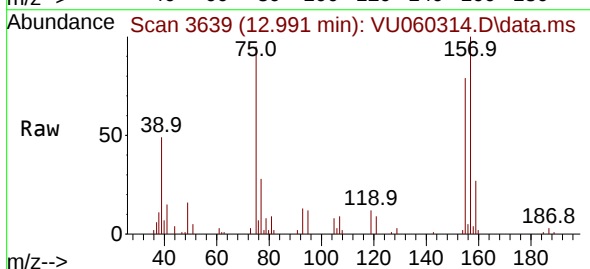
Manual Integrations
APPROVED

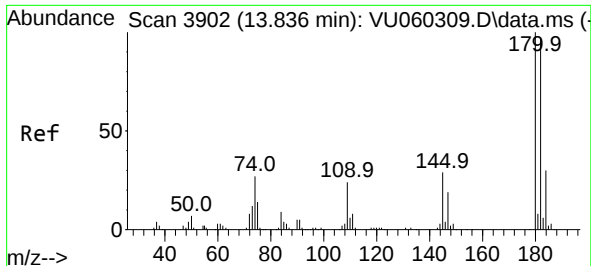
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#86
1,2-Dibromo-3-Chloropropane
Concen: 9.659 ug/l
RT: 12.991 min Scan# 3639
Delta R.T. -0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

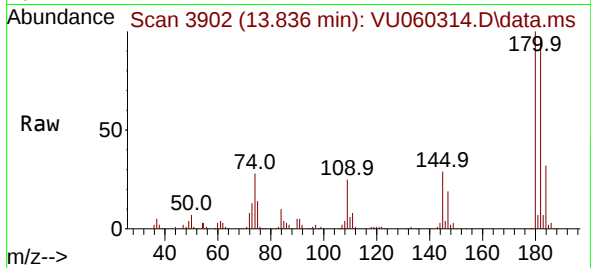
Tgt Ion: 75 Resp: 16826
Ion Ratio Lower Upper
75 100
155 78.0 66.1 99.1
157 103.9 85.0 127.4





#87
1,2,4-Trichlorobenzene
Concen: 10.692 ug/l
RT: 13.836 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

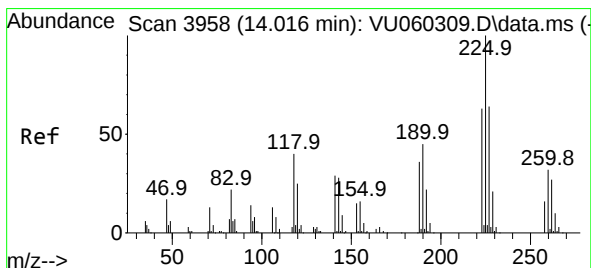
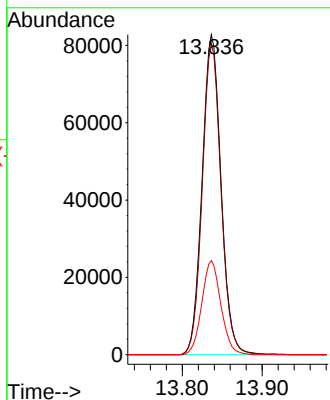
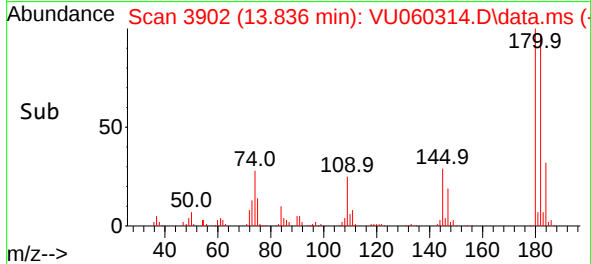
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



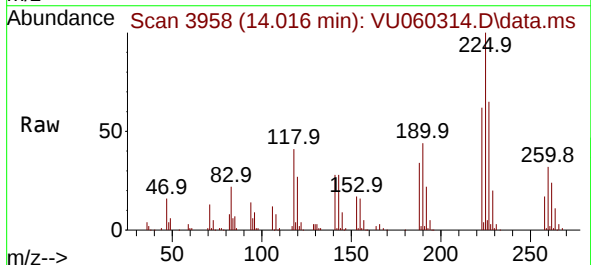
Tgt Ion:180 Resp: 13674
Ion Ratio Lower Upper
180 100
182 96.0 76.8 115.2
145 29.6 23.4 35.0

Manual Integrations
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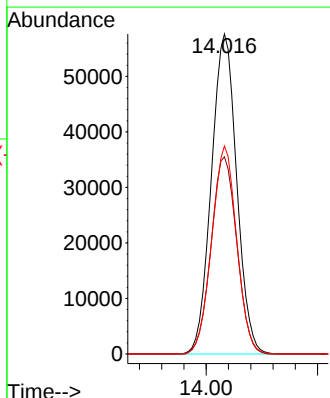
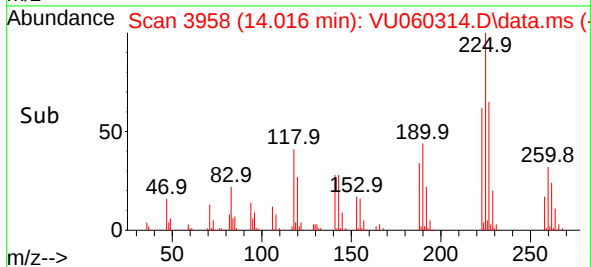
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

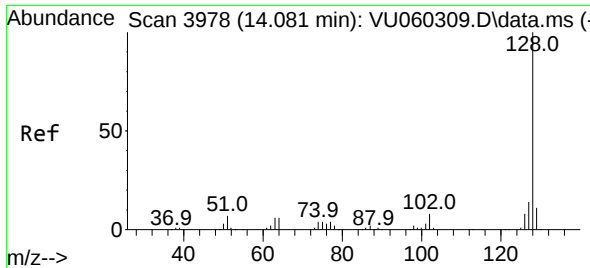


#88
Hexachlorobutadiene
Concen: 11.006 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55



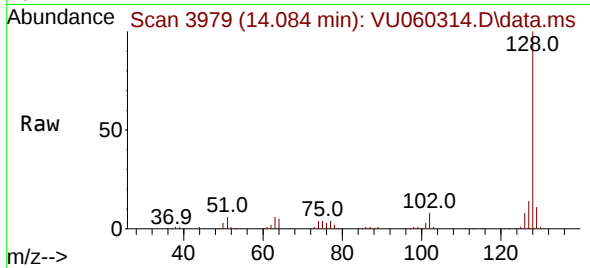
Tgt Ion:225 Resp: 91017
Ion Ratio Lower Upper
225 100
223 62.6 50.8 76.2
227 64.0 50.8 76.2





#89
Naphthalene
Concen: 9.927 ug/l
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

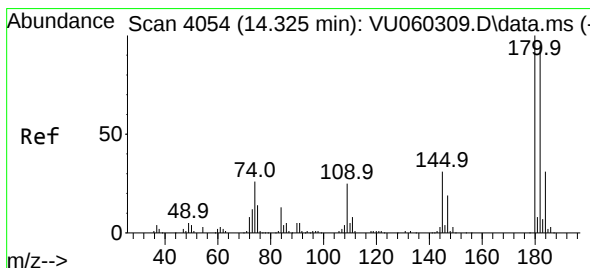
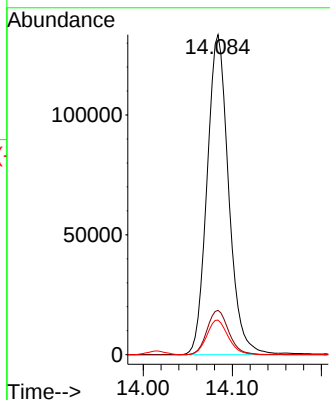
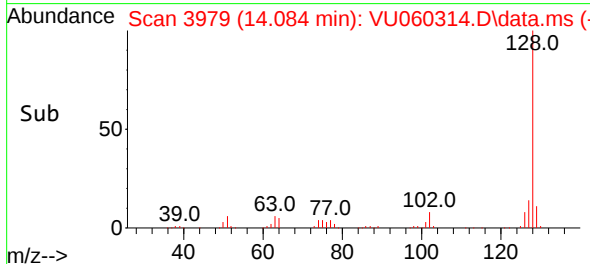
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:128 Resp: 224611
Ion Ratio Lower Upper
128 100
127 13.9 11.0 16.4
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#90
1,2,3-Trichlorobenzene
Concen: 10.778 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion:180 Resp: 134566
Ion Ratio Lower Upper
180 100
182 95.2 76.1 114.1
145 31.2 25.0 37.6

