

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091123\
 Data File : VU055233.D
 Acq On : 11 Sep 2023 13:48
 Operator : MD/SY
 Sample : VU0911WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0911WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/12/2023
 Supervised By : Mahesh Dadoda 09/21/2023

Quant Time: Sep 12 09:00:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091123DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Sep 12 08:56:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.113	96	60155	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	21578	0.924	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	22162	0.974	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	37639	1.808	ug/l	98
3) Chloromethane	1.515	50	39547	1.816	ug/l	97
4) Vinyl Chloride	1.602	62	43216	1.895	ug/l	96
5) Bromomethane	1.853	94	36050	2.003	ug/l	98
6) Chloroethane	1.930	64	27715	1.919	ug/l	100
7) Trichlorofluoromethane	2.136	101	60794	1.919	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	29546	1.841	ug/l	93
9) 1,1-Dichloroethene	2.576	96	26454	1.802	ug/l	96
10) Iodomethane	2.721	142	27526	1.461	ug/l	94
11) Allyl Chloride	2.920	41	32229	1.756	ug/l	# 81
12) Acrylonitrile	3.322	53	10010	3.588	ug/l	95
13) Acetone	2.624	43	43619	9.020	ug/l	90
14) Carbon Disulfide	2.788	76	84825	1.783	ug/l	97
15) Methylene Chloride	3.039	84	37990	2.162	ug/l	96
16) trans-1,2-Dichloroethene	3.351	96	31689	1.811	ug/l	92
17) 1,1-Dichloroethane	3.869	63	58563	1.757	ug/l	98
18) 2-Butanone	4.708	43	49031	8.890	ug/l	100
19) Cyclohexane	5.386	56	44727	1.818	ug/l	88
20) Methylcyclohexane	6.763	83	54419	1.779	ug/l	96
21) 2,2-Dichloropropane	4.660	77	44846	1.671	ug/l	100
22) cis-1,2-Dichloroethene	4.663	96	35276	1.576	ug/l	97
23) Diethyl Ether	2.374	59	24225	2.025	ug/l	93
24) tert-Butyl Alcohol	3.181	59	18524m	19.932	ug/l	
25) Methyl tert-Butyl Ether	3.361	73	63000	1.862	ug/l	97
26) Bromochloromethane	4.975	128	15295	1.877	ug/l	96
27) Chloroform	5.084	83	64910	1.842	ug/l	95
28) 1,1,1-Trichloroethane	5.312	97	54997	1.814	ug/l	98
29) 1,1-Dichloropropene	5.525	75	46269	1.839	ug/l	98
30) Carbon Tetrachloride	5.521	117	47065	1.786	ug/l	98
31) Isopropyl Ether	3.988	45	74579	1.704	ug/l	99
32) Ethyl-t-butyl ether	4.499	59	74035	1.750	ug/l	95
33) Tert-Amyl methyl ether	5.939	73	71510	1.919	ug/l	99
34) Propionitrile	4.782	54	10622m	10.642	ug/l	
35) Benzene	5.772	78	138856	1.868	ug/l	100
36) 1,2-Dichloroethane	5.795	62	39164	1.888	ug/l	100
37) Trichloroethene	6.541	130	39147	1.802	ug/l	99
38) 1,2-Dichloropropane	6.788	63	36088	1.850	ug/l	100
39) Methacrylonitrile	4.978	41	8310	2.088	ug/l	92
40) Methyl acrylate	4.862	55	10200	1.583	ug/l	# 92
41) Tetrahydrofuran	5.062	42	8707	3.944	ug/l	97
42) 1-Chlorobutane	5.457	56	60741	1.872	ug/l	99
43) Dibromomethane	6.920	93	17808	1.931	ug/l	99
44) Bromodichloromethane	7.103	83	42491	1.779	ug/l	99

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 ALS Vial : 12 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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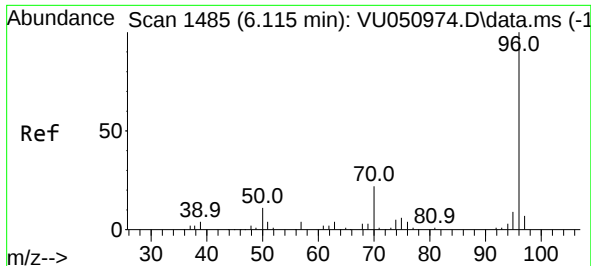
Manual Integrations
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.791	43	88177	10.079	ug/l	98
46) t-1,4-Dichloro-2-butene	10.830	75	14205m	4.345	ug/l	
47) Methyl methacrylate	6.965	69	28188	3.977	ug/l	98
48) Ethyl methacrylate	8.335	69	25752	1.871	ug/l	100
49) Toluene	7.968	92	81607	1.810	ug/l	99
50) t-1,3-Dichloropropene	8.213	75	36719	1.827	ug/l	99
51) cis-1,3-Dichloropropene	7.608	75	46289	1.835	ug/l	96
52) 1,1,2-Trichloroethane	8.402	97	25321	1.945	ug/l	95
53) 1,3-Dichloropropane	8.573	76	41800	1.894	ug/l	99
54) 2-Hexanone	8.685	43	77080	9.196	ug/l	98
55) Dibromochloromethane	8.807	129	27048	1.844	ug/l	99
56) 1,2-Dibromoethane	8.923	107	23334	1.970	ug/l	98
58) Tetrachloroethene	8.553	164	43588	1.857	ug/l	99
59) Chlorobenzene	9.447	112	97016	1.921	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.531	131	29900	1.788	ug/l	100
61) Pentachloroethane	11.421	117	13081	1.678	ug/l	91
62) Hexachloroethane	12.473	117	21066	1.648	ug/l	92
63) Ethyl Benzene	9.569	91	155511	1.821	ug/l	97
64) m/p-Xylenes	9.695	106	121418	3.670	ug/l	94
65) o-Xylene	10.100	106	58033	1.809	ug/l	98
66) Styrene	10.116	104	90675	1.810	ug/l	98
67) Bromoform	10.290	173	12897	1.738	ug/l	98
69) Isopropylbenzene	10.483	105	152744	1.820	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.782	83	25450	1.925	ug/l	97
71) 1,2,3-Trichloropropane	10.820	75	18829m	1.593	ug/l	
72) Bromobenzene	10.782	156	35818	1.858	ug/l	99
73) n-propylbenzene	10.907	120	39639	1.740	ug/l	100
74) 2-Chlorotoluene	10.984	126	36766	1.808	ug/l	99
75) 1,3,5-Trimethylbenzene	11.087	105	131239	1.819	ug/l	97
76) 4-Chlorotoluene	11.097	126	39894	1.910	ug/l	95
77) tert-Butylbenzene	11.418	119	115672	1.813	ug/l	96
78) 1,2,4-Trimethylbenzene	11.466	105	129211	1.767	ug/l	98
79) sec-Butylbenzene	11.643	105	166551	1.793	ug/l	99
80) Nitrobenzene	13.222	77	2915	9.218	ug/l #	83
81) p-Isopropyltoluene	11.791	119	130668	1.742	ug/l	98
82) 1,3-Dichlorobenzene	11.746	146	75336	1.821	ug/l	99
83) 1,4-Dichlorobenzene	11.836	146	75755	1.869	ug/l	98
84) n-Butylbenzene	12.209	91	115763	1.698	ug/l	99
85) 1,2-Dichlorobenzene	12.212	146	71554	1.886	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.997	75	4004	1.831	ug/l	93
87) 1,2,4-Trichlorobenzene	13.843	180	38731	1.770	ug/l	98
88) Hexachlorobutadiene	14.019	225	24079	1.721	ug/l	97
89) Naphthalene	14.087	128	62279	1.993	ug/l	99
90) 1,2,3-Trichlorobenzene	14.331	180	33712	1.777	ug/l	98

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 11
Delta R.T. -0.002 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

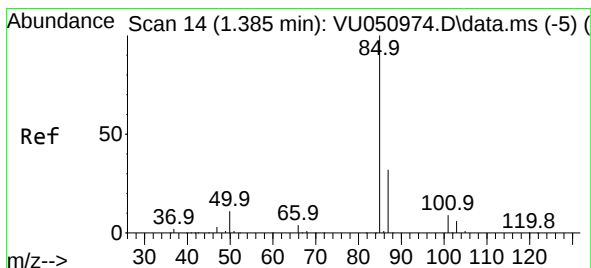
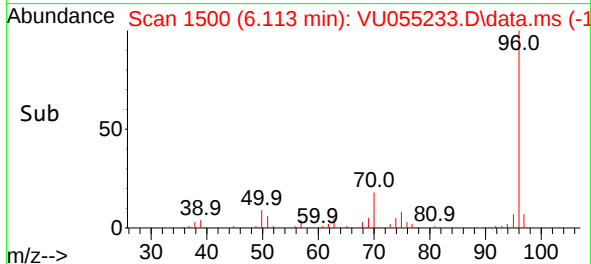
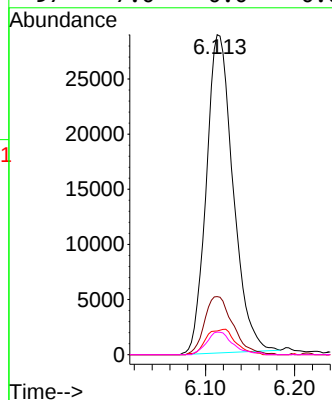
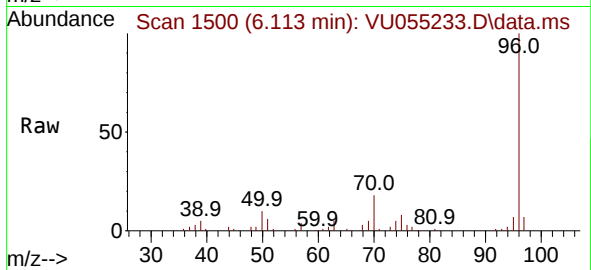
Instrument :
MSVOA_U
ClientSampleId :
VU0911WBS01

Tgt Ion: 96 Resp: 6015

Ion	Ratio	Lower	Upper
96	100		
70	19.3	16.5	24.7
95	8.8	7.4	11.0
97	7.0	0.0	0.0

Manual Integrations
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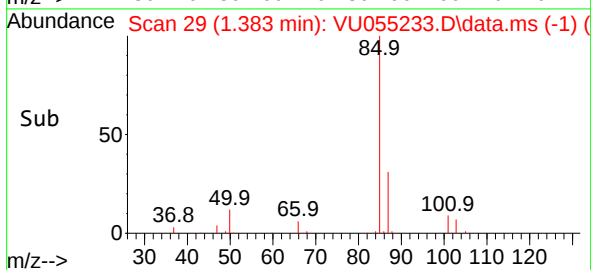
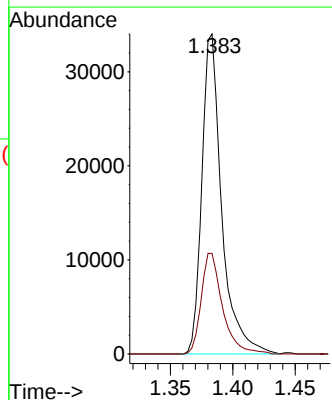
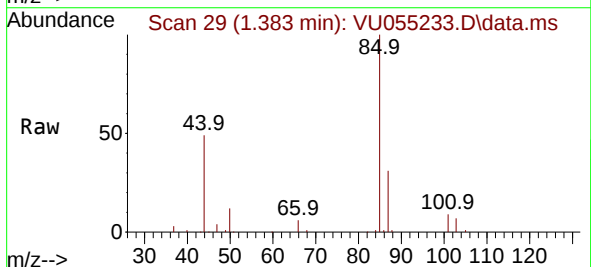
Reviewed By :John Carlone 09/12/2023
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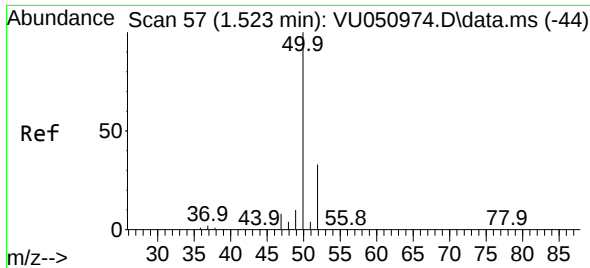


#2
Dichlorodifluoromethane
Concen: 1.808 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.002 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

Tgt Ion: 85 Resp: 37639

Ion	Ratio	Lower	Upper
85	100		
87	31.4	16.2	48.6





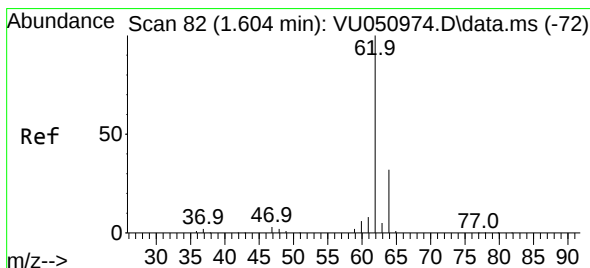
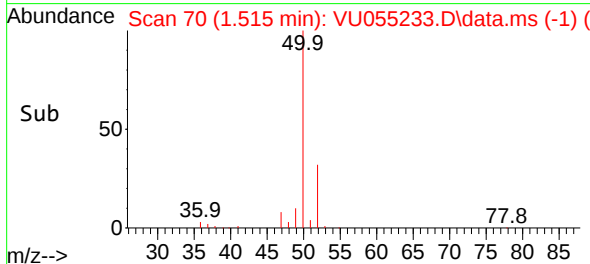
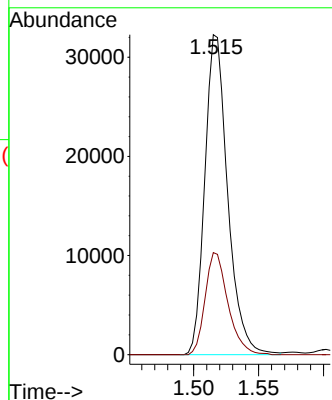
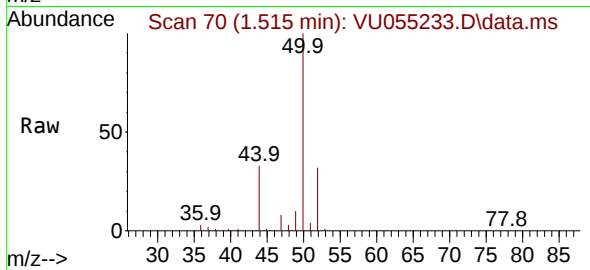
#3
Chloromethane
Concen: 1.816 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.008 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

Instrument :
MSVOA_U
ClientSampleId :
VU0911WBS01

Tgt Ion: 50 Resp: 3954
Ion Ratio Lower Upper
50 100
52 31.9 26.6 40.0

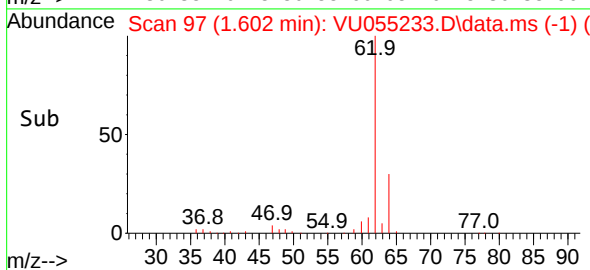
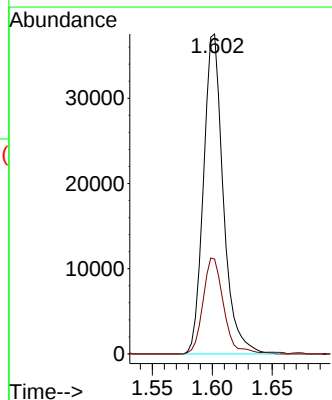
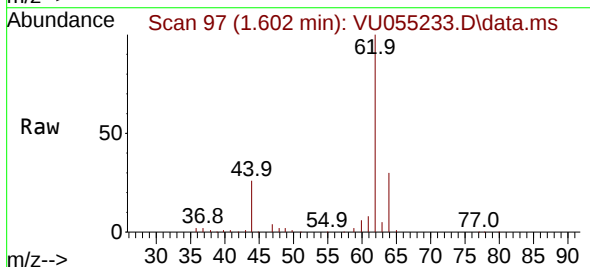
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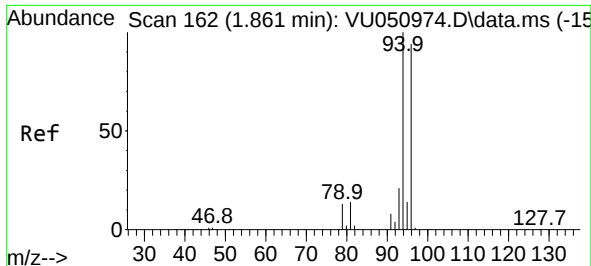
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#4
Vinyl Chloride
Concen: 1.895 ug/l
RT: 1.602 min Scan# 97
Delta R.T. -0.002 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

Tgt Ion: 62 Resp: 43216
Ion Ratio Lower Upper
62 100
64 29.7 25.4 38.2





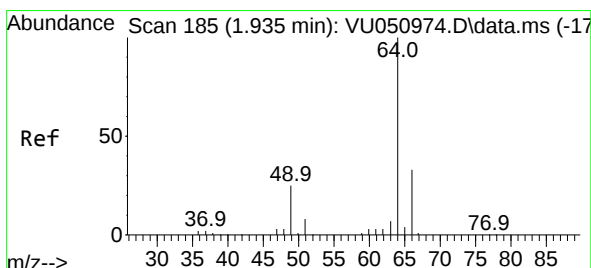
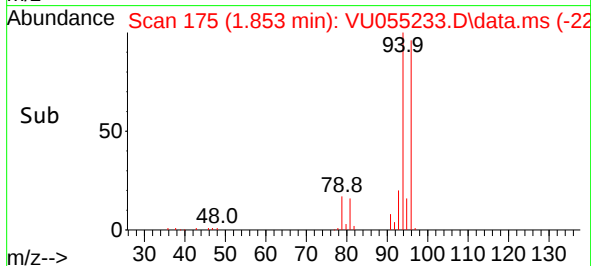
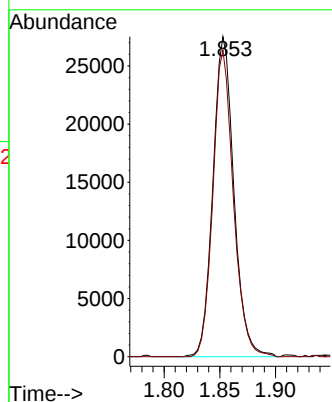
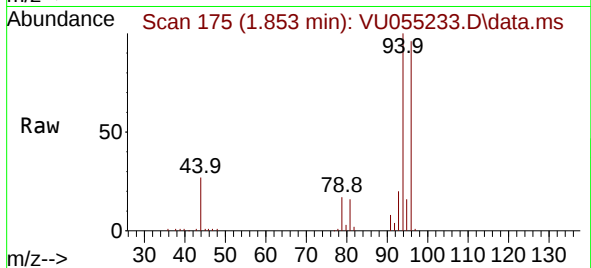
#5
Bromomethane
Concen: 2.003 ug/l
RT: 1.853 min Scan# 11
Delta R.T. -0.008 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

Instrument :
MSVOA_U
ClientSampleId :
VU0911WBS01

Tgt Ion: 94 Resp: 36050
Ion Ratio Lower Upper
94 100
96 95.8 75.4 113.2

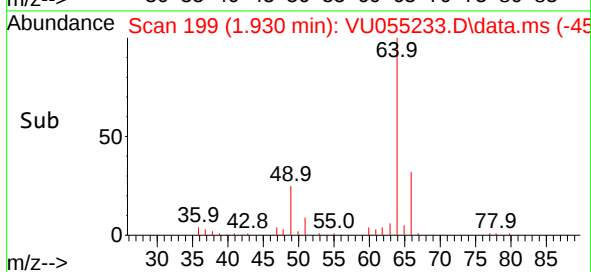
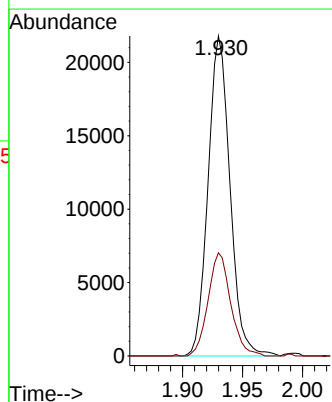
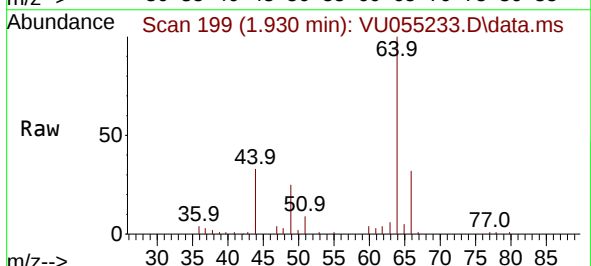
Manual Integrations
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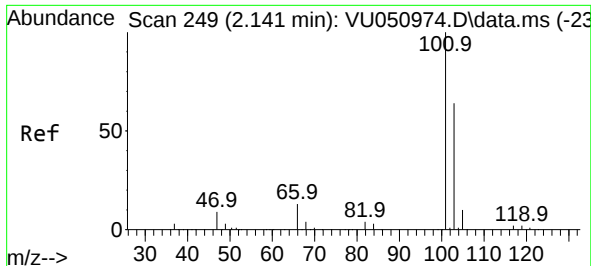
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#6
Chloroethane
Concen: 1.919 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.005 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

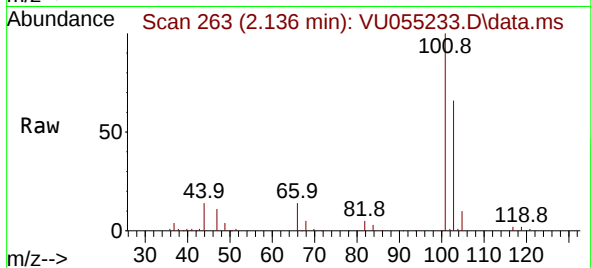
Tgt Ion: 64 Resp: 27715
Ion Ratio Lower Upper
64 100
66 32.2 26.0 39.0





#7
Trichlorofluoromethane
Concen: 1.919 ug/l
RT: 2.136 min Scan# 20
Delta R.T. -0.005 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

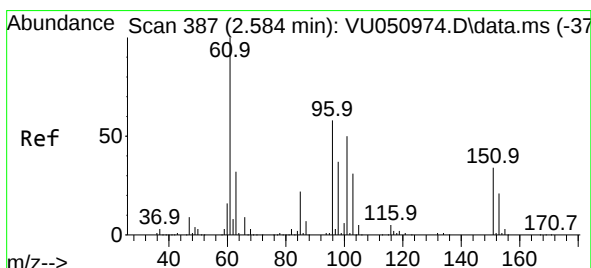
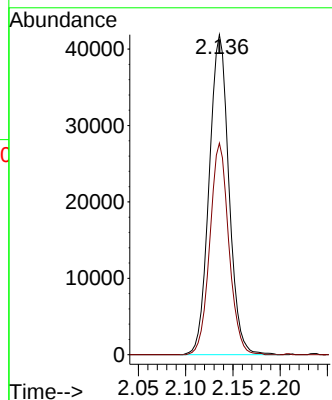
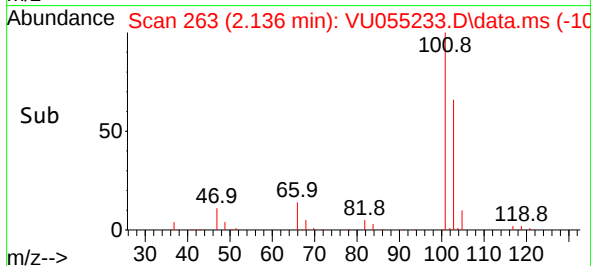
Instrument :
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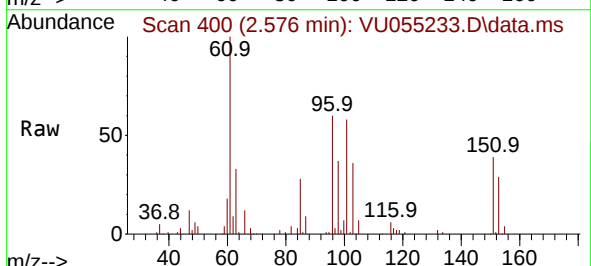
Tgt Ion:101 Resp: 60794
Ion Ratio Lower Upper
101 100
103 66.1 51.4 77.0

Manual Integrations
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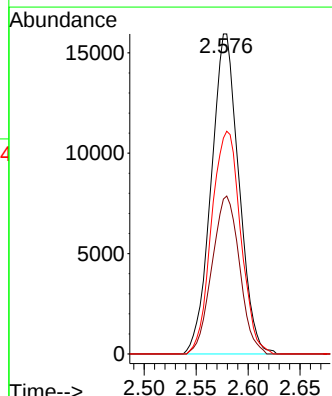
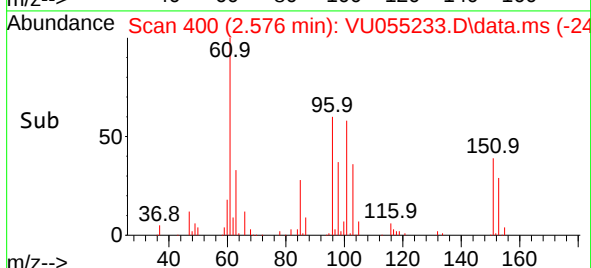
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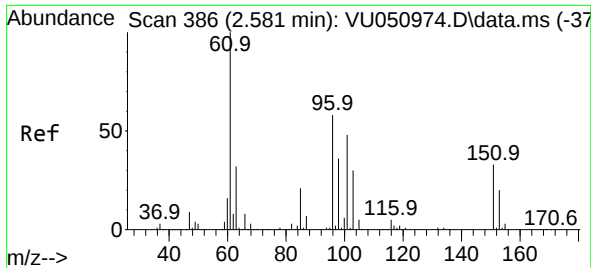


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.841 ug/l
RT: 2.576 min Scan# 400
Delta R.T. -0.008 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48



Tgt Ion:101 Resp: 29546
Ion Ratio Lower Upper
101 100
85 49.3 35.4 53.0
151 73.3 54.0 81.0





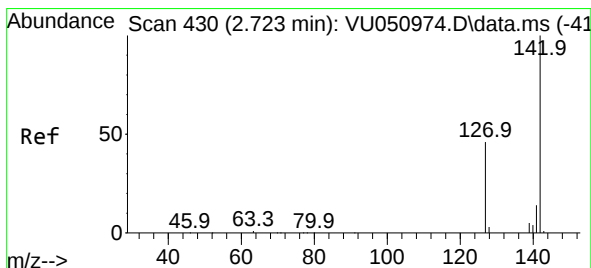
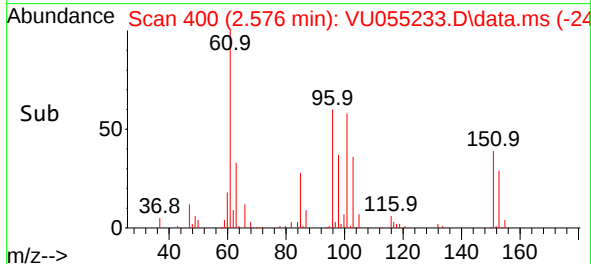
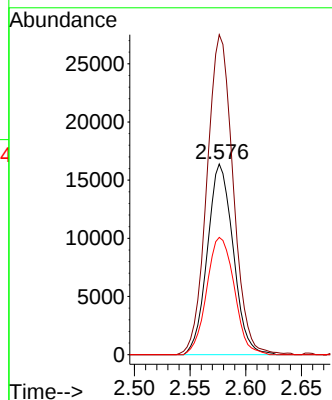
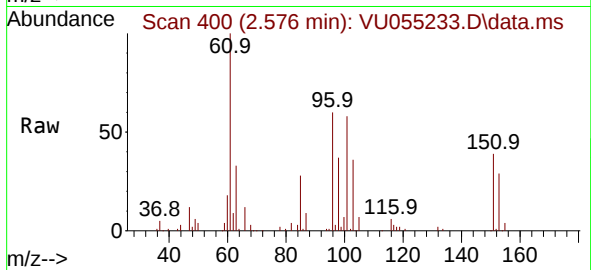
#9
1,1-Dichloroethene
Concen: 1.802 ug/l
RT: 2.576 min Scan# 40
Delta R.T. -0.005 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

Instrument :
MSVOA_U
ClientSampleId :
VU0911WBS01

Tgt Ion: 96 Resp: 26454
Ion Ratio Lower Upper
96 100
61 167.0 0.0 521.4
98 61.5 0.0 125.8

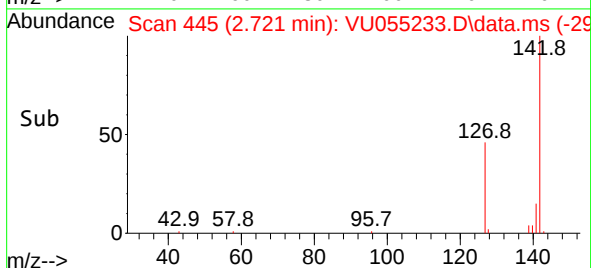
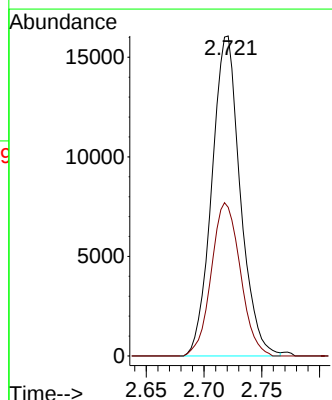
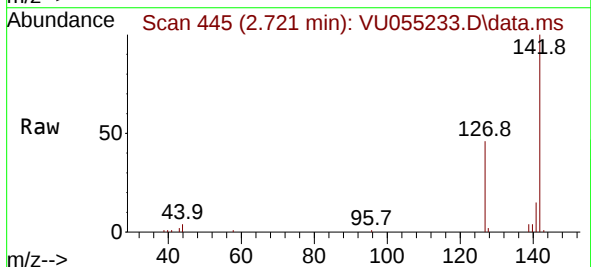
Manual Integrations
APPROVED

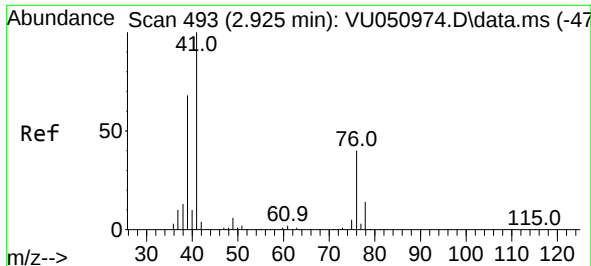
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#10
Iodomethane
Concen: 1.461 ug/l
RT: 2.721 min Scan# 445
Delta R.T. -0.002 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

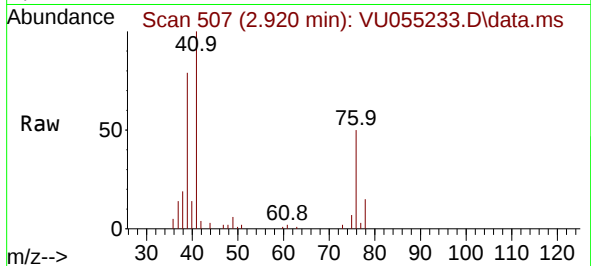
Tgt Ion:142 Resp: 27526
Ion Ratio Lower Upper
142 100
127 48.9 35.9 53.9





#11
 Allyl Chloride
 Concen: 1.756 ug/l
 RT: 2.920 min Scan# 507
 Delta R.T. -0.005 min
 Lab File: VU055233.D
 Acq: 11 Sep 2023 13:48

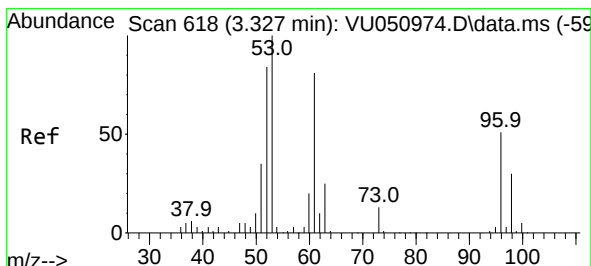
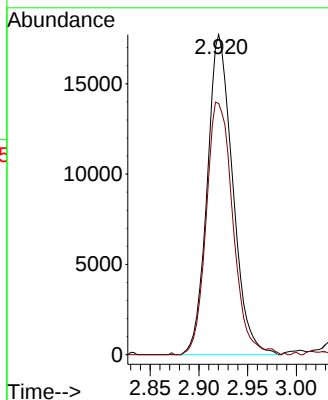
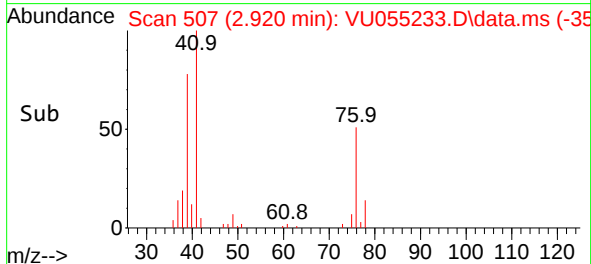
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0911WBS01



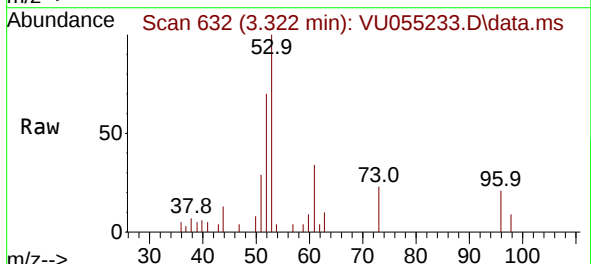
Tgt Ion: 41 Resp: 32229
 Ion Ratio Lower Upper
 41 100
 39 82.6 54.2 81.2

Manual Integrations
 APPROVED

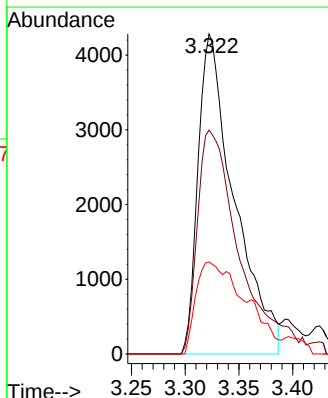
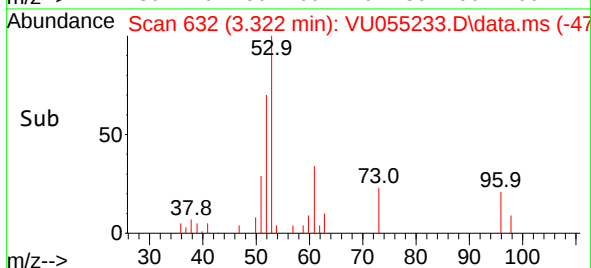
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/21/2023

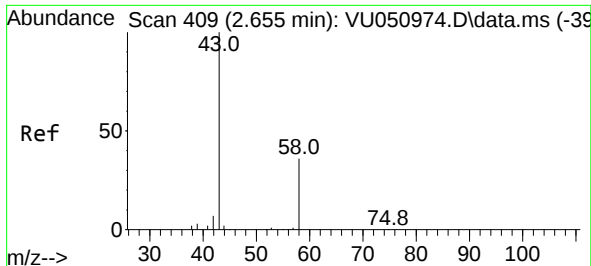


#12
 Acrylonitrile
 Concen: 3.588 ug/l
 RT: 3.322 min Scan# 632
 Delta R.T. -0.005 min
 Lab File: VU055233.D
 Acq: 11 Sep 2023 13:48



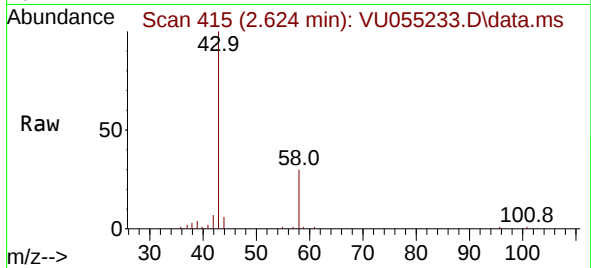
Tgt Ion: 53 Resp: 10010
 Ion Ratio Lower Upper
 53 100
 52 81.3 62.9 94.3
 51 40.0 27.8 41.6





#13
Acetone
Concen: 9.020 ug/l
RT: 2.624 min Scan# 415
Delta R.T. -0.031 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

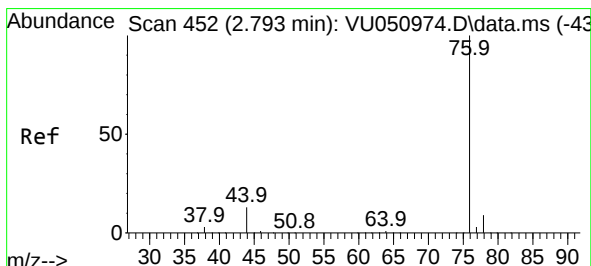
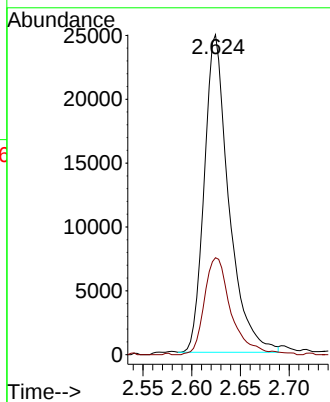
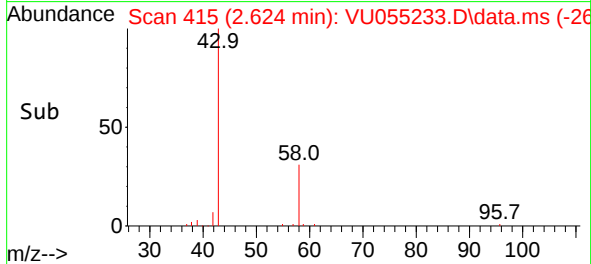
Instrument :
MSVOA_U
ClientSampleId :
VU0911WBS01



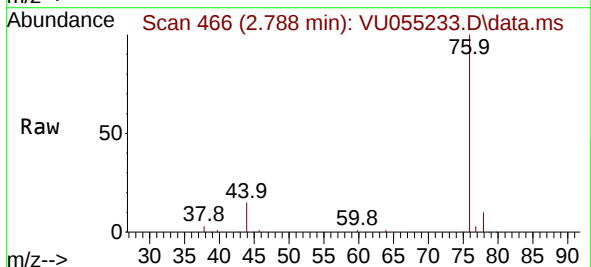
Tgt Ion: 43 Resp: 43619
Ion Ratio Lower Upper
43 100
58 30.5 29.0 43.4

Manual Integrations
APPROVED

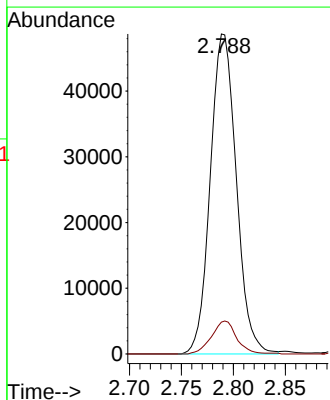
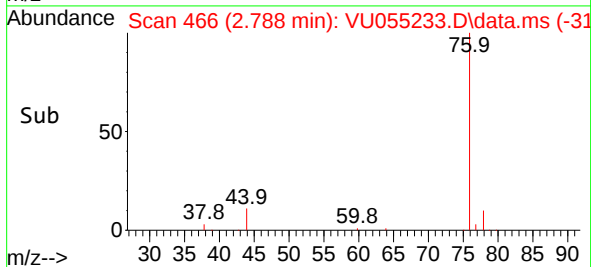
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023

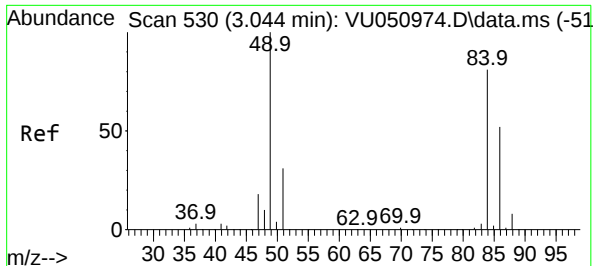


#14
Carbon Disulfide
Concen: 1.783 ug/l
RT: 2.788 min Scan# 466
Delta R.T. -0.005 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48



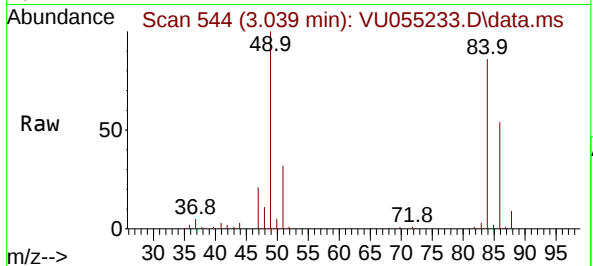
Tgt Ion: 76 Resp: 84825
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.0





#15
Methylene Chloride
Concen: 2.162 ug/l
RT: 3.039 min Scan# 54
Delta R.T. -0.005 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

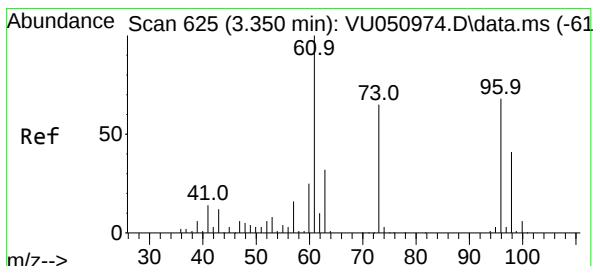
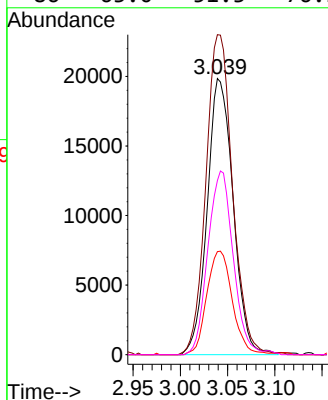
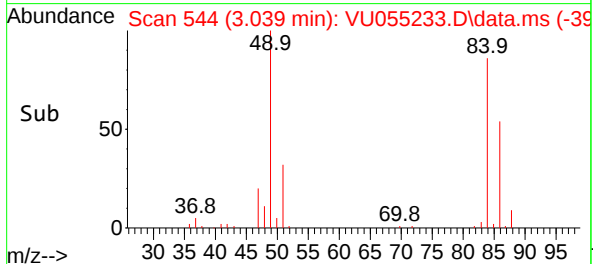
Instrument :
MSVOA_U
ClientSampleId :
VU0911WBS01



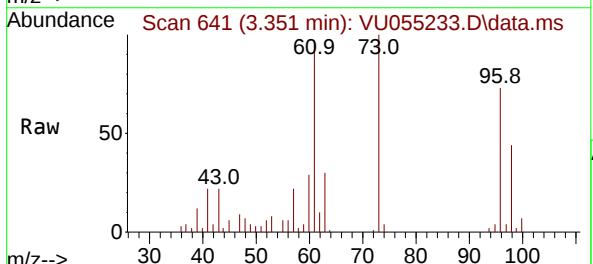
Tgt Ion: 84 Resp: 37990
Ion Ratio Lower Upper
84 100
49 115.9 98.9 148.3
51 37.3 0.0 75.4
86 63.0 51.3 76.9

Manual Integrations
APPROVED

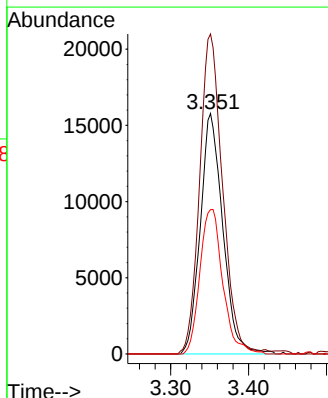
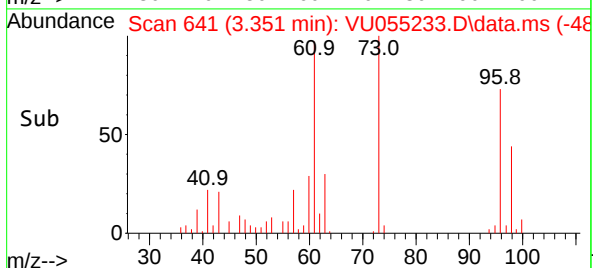
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023

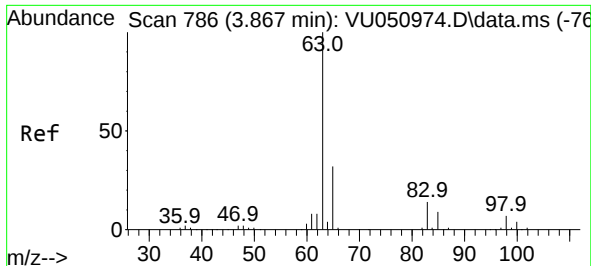


#16
trans-1,2-Dichloroethene
Concen: 1.811 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.001 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48



Tgt Ion: 96 Resp: 31689
Ion Ratio Lower Upper
96 100
61 133.0 117.5 176.3
98 60.0 48.3 72.5





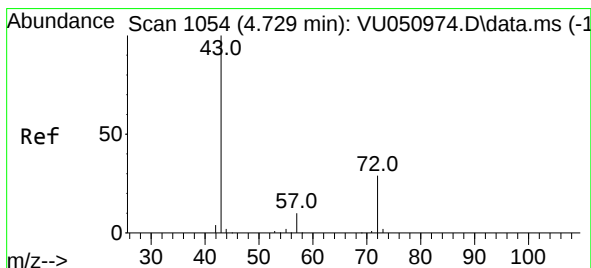
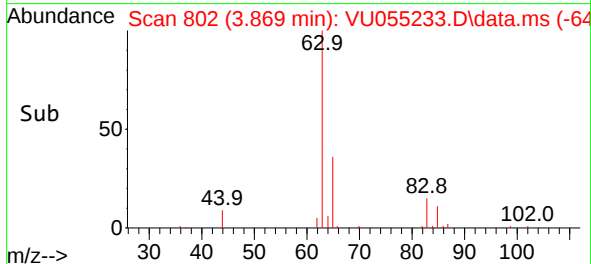
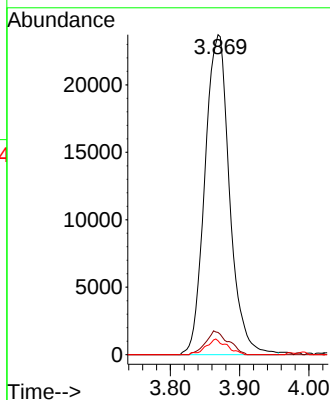
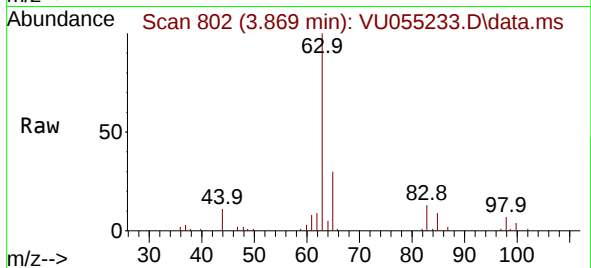
#17
1,1-Dichloroethane
Concen: 1.757 ug/l
RT: 3.869 min Scan# 802
Delta R.T. 0.002 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

Instrument :
MSVOA_U
ClientSampleId :
VU0911WBS01

Tgt Ion: 63 Resp: 5856
Ion Ratio Lower Upper
63 100
98 8.0 3.4 10.1
100 4.3 2.2 6.6

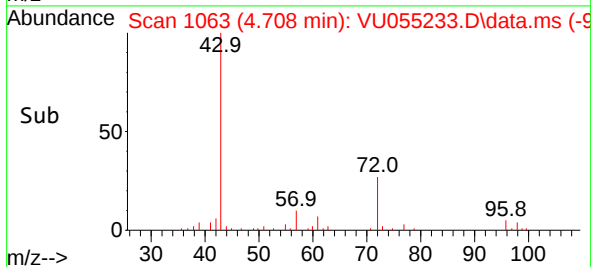
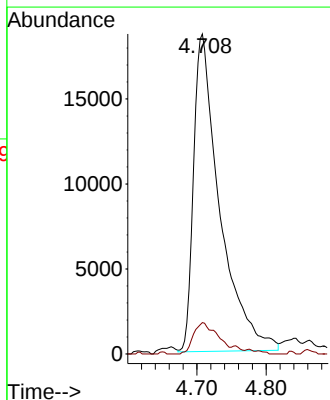
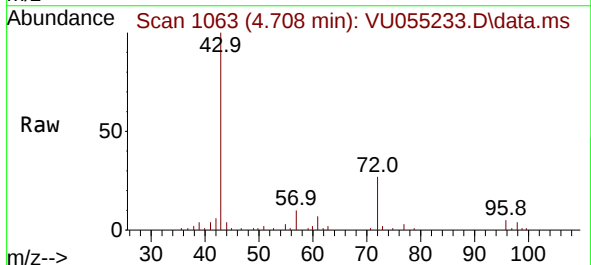
Manual Integrations
APPROVED

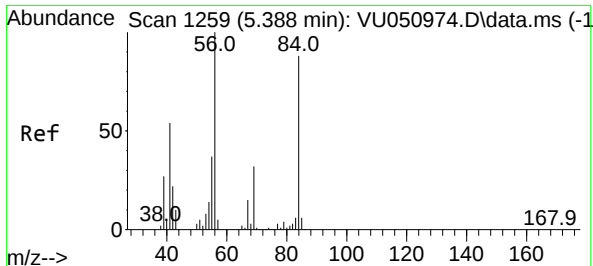
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#18
2-Butanone
Concen: 8.890 ug/l
RT: 4.708 min Scan# 1063
Delta R.T. -0.021 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

Tgt Ion: 43 Resp: 49031
Ion Ratio Lower Upper
43 100
57 9.9 0.0 19.6





#19

Cyclohexane

Concen: 1.818 ug/l

RT: 5.386 min Scan# 11

Delta R.T. -0.002 min

Lab File: VU055233.D

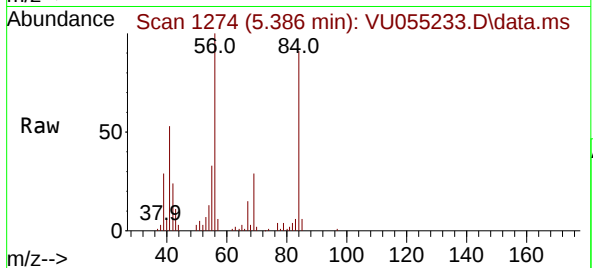
Acq: 11 Sep 2023 13:48

Instrument :

MSVOA_U

ClientSampleId :

VU0911WBS01



Tgt Ion: 56 Resp: 4472

Ion Ratio Lower Upper

56 100

69 33.2 24.6 37.0

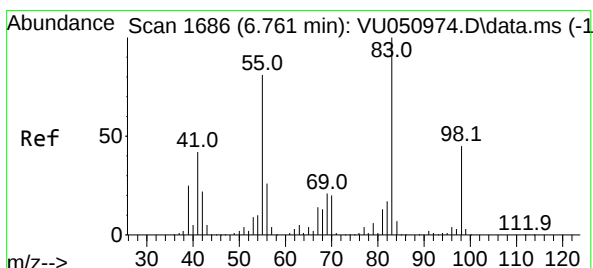
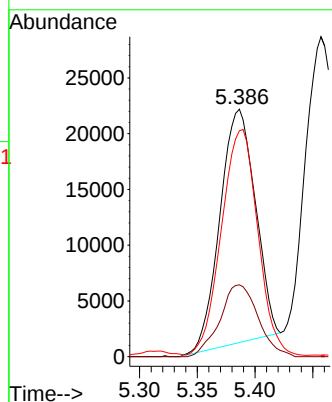
84 98.7 68.4 102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/21/2023



#20

Methylcyclohexane

Concen: 1.779 ug/l

RT: 6.763 min Scan# 1702

Delta R.T. 0.002 min

Lab File: VU055233.D

Acq: 11 Sep 2023 13:48

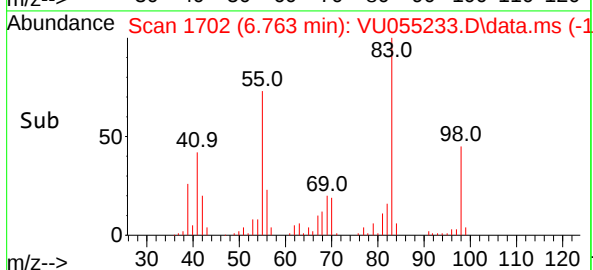
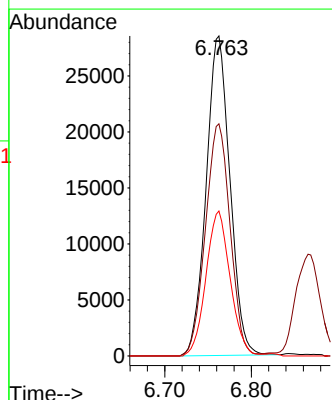
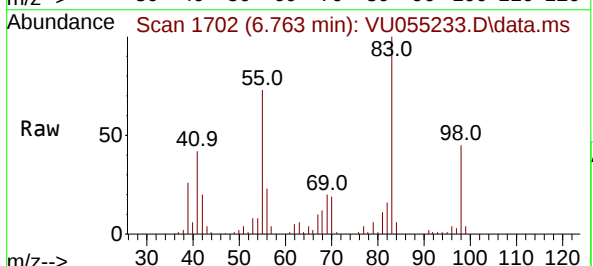
Tgt Ion: 83 Resp: 54419

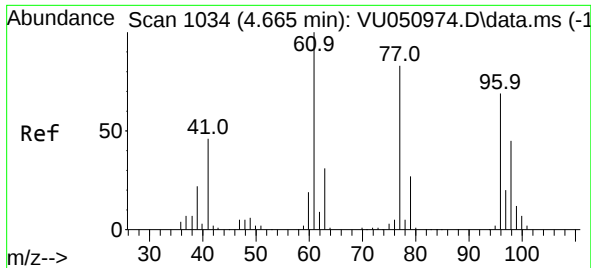
Ion Ratio Lower Upper

83 100

55 74.3 63.5 95.3

98 45.4 36.0 54.0





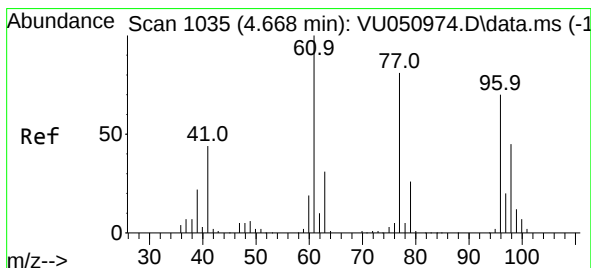
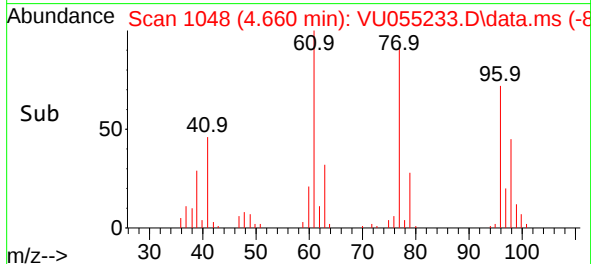
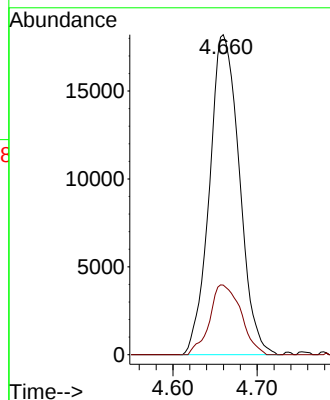
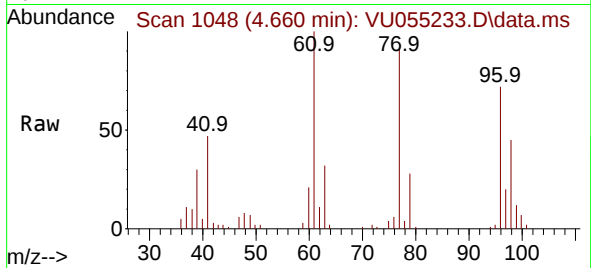
#21
2,2-Dichloropropane
Concen: 1.671 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. -0.005 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

Instrument :
MSVOA_U
ClientSampleId :
VU0911WBS01

Tgt Ion: 77 Resp: 44840
Ion Ratio Lower Upper
77 100
97 22.8 18.4 27.6

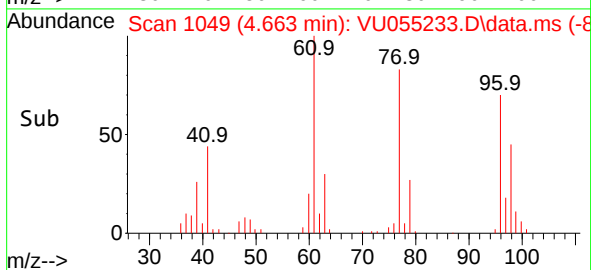
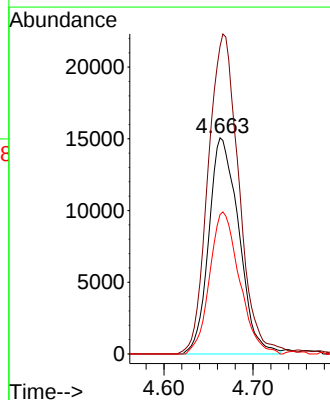
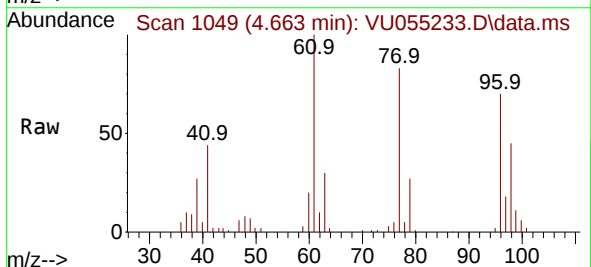
Manual Integrations
APPROVED

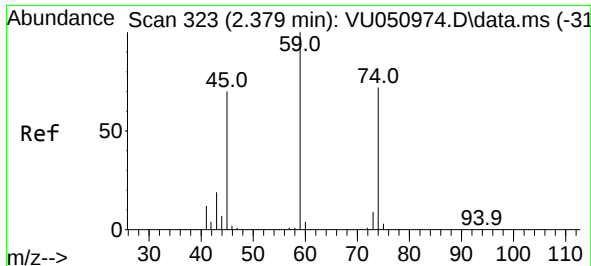
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#22
cis-1,2-Dichloroethene
Concen: 1.576 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. -0.005 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

Tgt Ion: 96 Resp: 35276
Ion Ratio Lower Upper
96 100
61 151.5 0.0 365.8
98 65.1 32.0 96.0





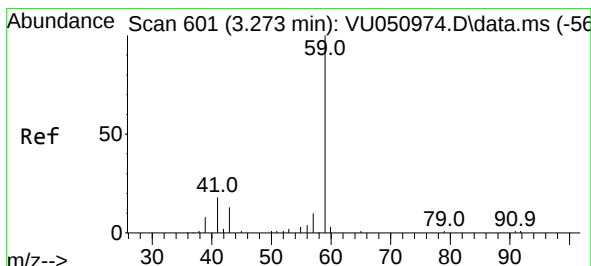
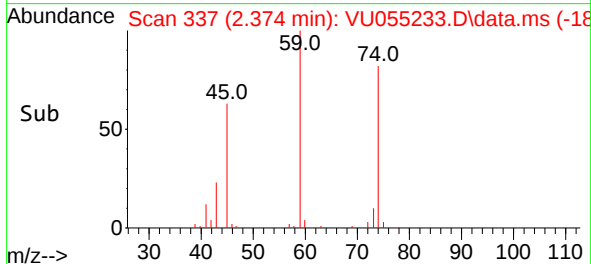
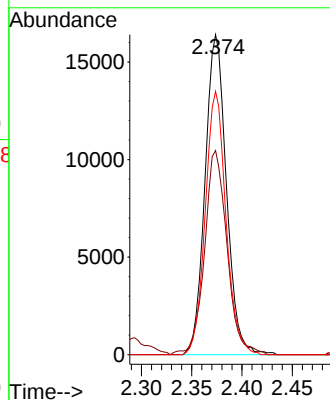
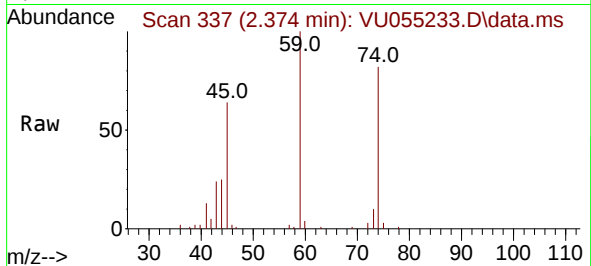
#23
Diethyl Ether
Concen: 2.025 ug/l
RT: 2.374 min Scan# 31
Delta R.T. -0.005 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

Instrument :
MSVOA_U
ClientSampleId :
VU0911WBS01

Tgt Ion: 59 Resp: 24225
Ion Ratio Lower Upper
59 100
45 67.2 56.1 84.1
74 79.9 57.4 86.2

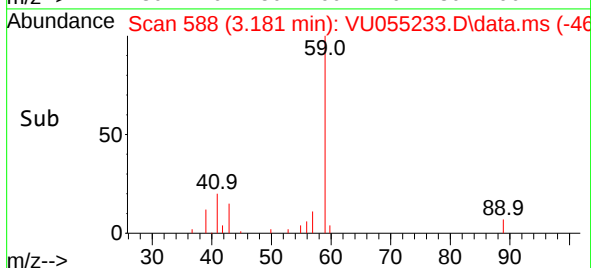
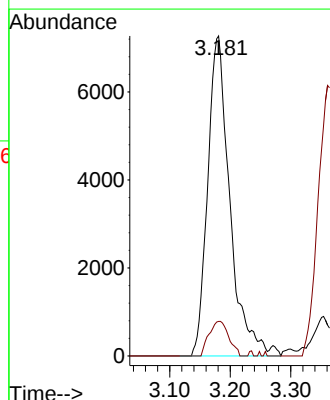
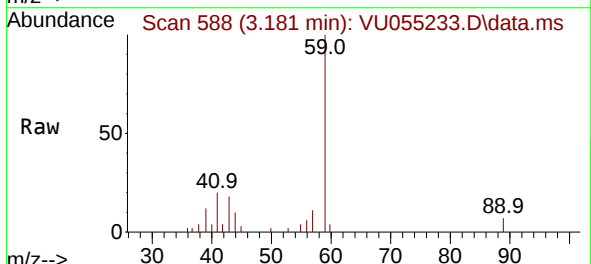
Manual Integrations
APPROVED

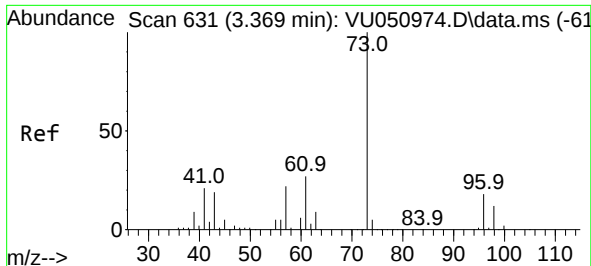
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#24
tert-Butyl Alcohol
Concen: 19.932 ug/l m
RT: 3.181 min Scan# 588
Delta R.T. -0.092 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

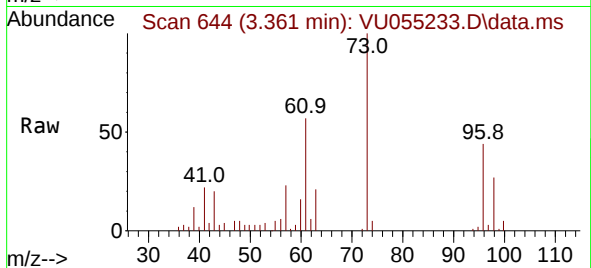
Tgt Ion: 59 Resp: 18524
Ion Ratio Lower Upper
59 100
57 76.3 105.6 158.4#





#25
Methyl tert-Butyl Ether
Concen: 1.862 ug/l
RT: 3.361 min Scan# 644
Delta R.T. -0.008 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

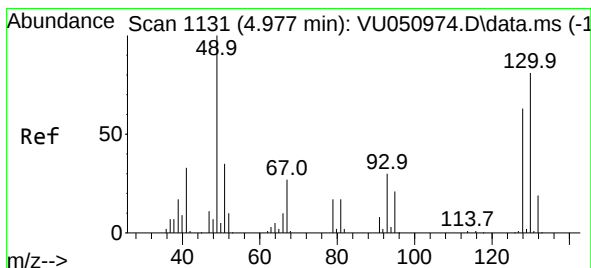
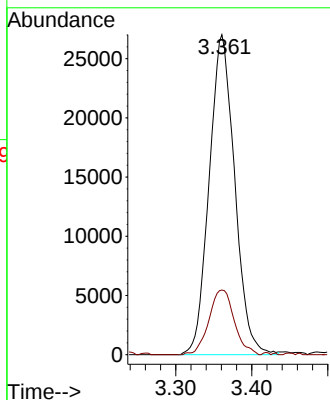
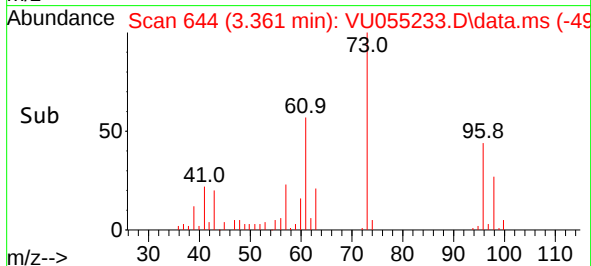
Instrument :
MSVOA_U
ClientSampleId :
VU0911WBS01



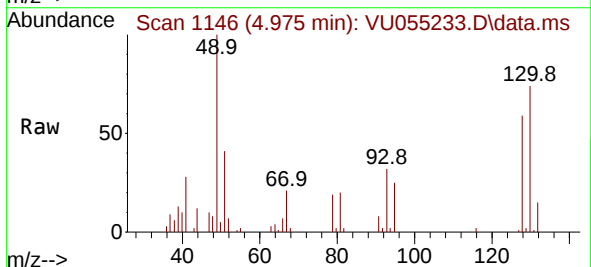
Tgt Ion: 73 Resp: 63000
Ion Ratio Lower Upper
73 100
43 20.1 15.0 22.6

Manual Integrations
APPROVED

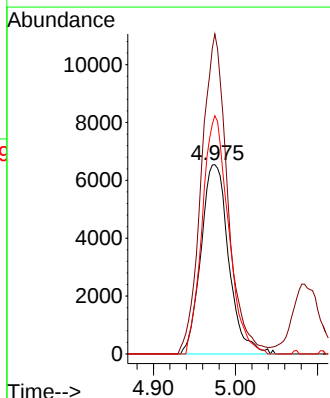
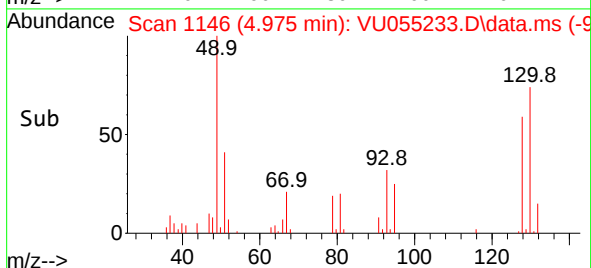
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023

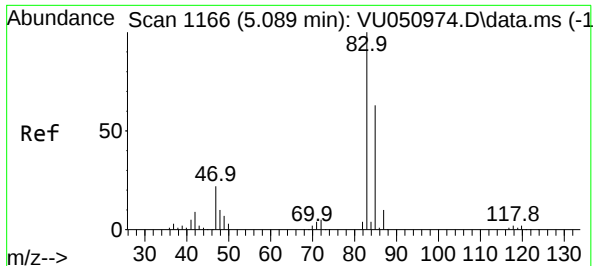


#26
Bromochloromethane
Concen: 1.877 ug/l
RT: 4.975 min Scan# 1146
Delta R.T. -0.002 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48



Tgt Ion:128 Resp: 15295
Ion Ratio Lower Upper
128 100
49 160.3 0.0 324.6
130 119.6 103.0 154.4





#27

Chloroform

Concen: 1.842 ug/l

RT: 5.084 min Scan# 1166

Delta R.T. -0.005 min

Lab File: VU055233.D

Acq: 11 Sep 2023 13:48

Instrument :

MSVOA_U

ClientSampleId :

VU0911WBS01

Tgt Ion: 83 Resp: 64910

Ion Ratio Lower Upper

83 100

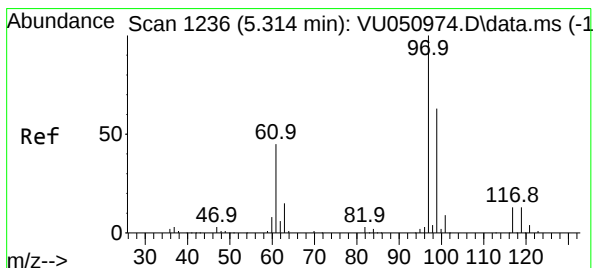
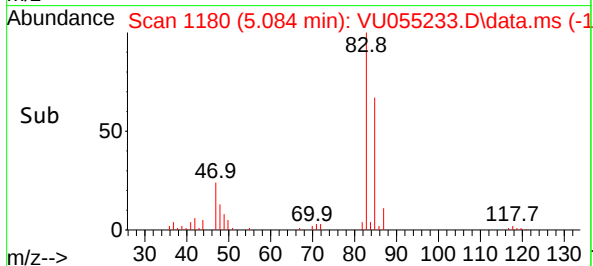
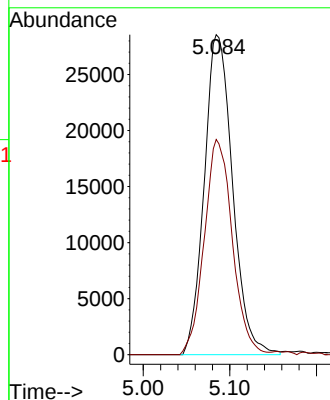
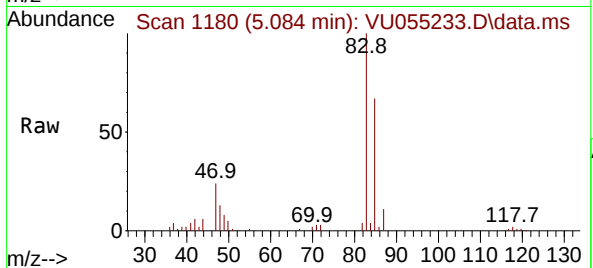
85 67.2 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/21/2023



#28

1,1,1-Trichloroethane

Concen: 1.814 ug/l

RT: 5.312 min Scan# 1251

Delta R.T. -0.002 min

Lab File: VU055233.D

Acq: 11 Sep 2023 13:48

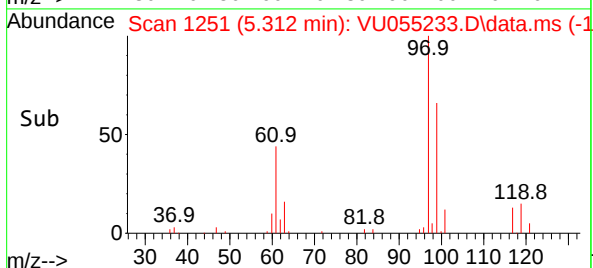
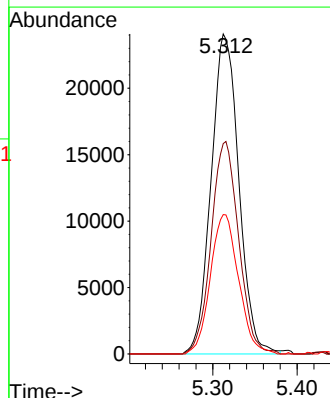
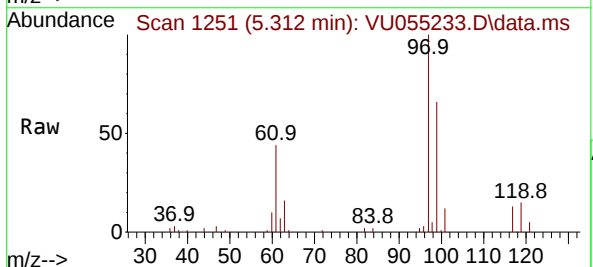
Tgt Ion: 97 Resp: 54997

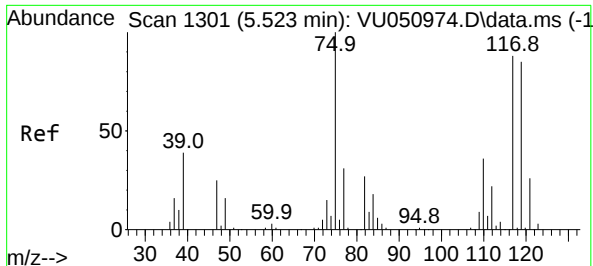
Ion Ratio Lower Upper

97 100

99 66.1 32.0 96.2

61 44.3 22.9 68.5





#29

1,1-Dichloropropene

Concen: 1.839 ug/l

RT: 5.525 min Scan# 1317

Delta R.T. 0.002 min

Lab File: VU055233.D

Acq: 11 Sep 2023 13:48

Instrument :

MSVOA_U

ClientSampleId :

VU0911WBS01

Tgt Ion: 75 Resp: 46269

Ion Ratio Lower Upper

75 100

110 34.2 18.0 54.0

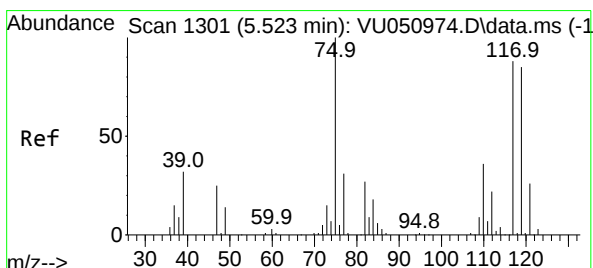
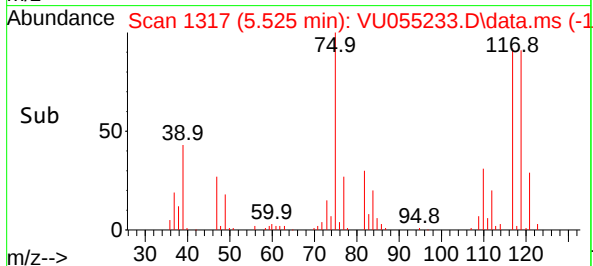
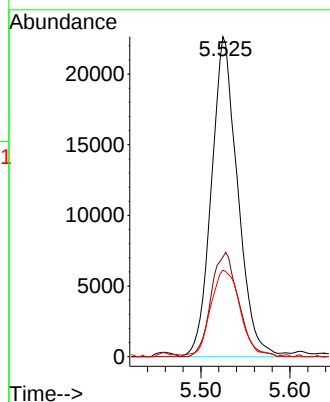
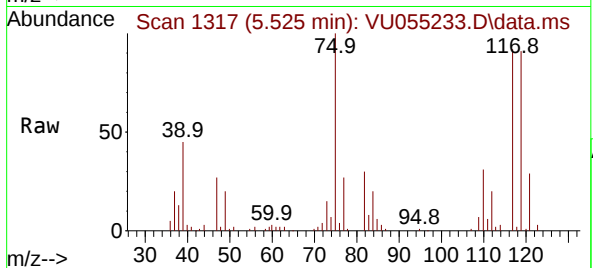
77 30.5 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/21/2023



#30

Carbon Tetrachloride

Concen: 1.786 ug/l

RT: 5.521 min Scan# 1316

Delta R.T. -0.002 min

Lab File: VU055233.D

Acq: 11 Sep 2023 13:48

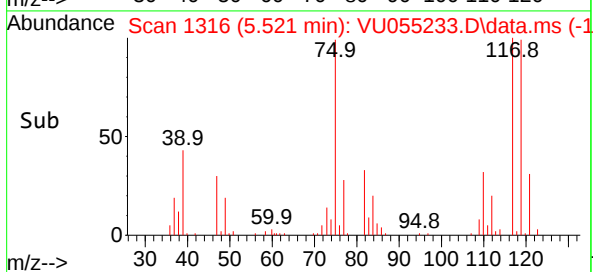
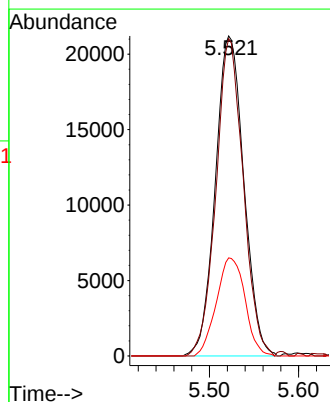
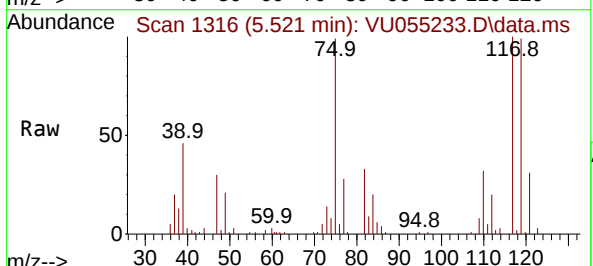
Tgt Ion:117 Resp: 47065

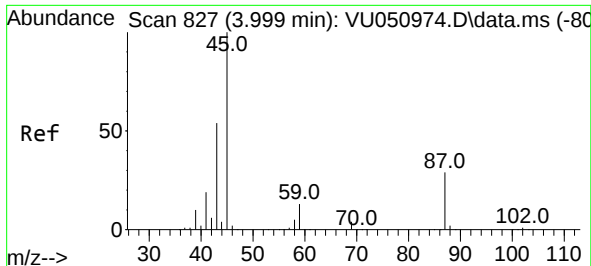
Ion Ratio Lower Upper

117 100

119 99.2 77.4 116.0

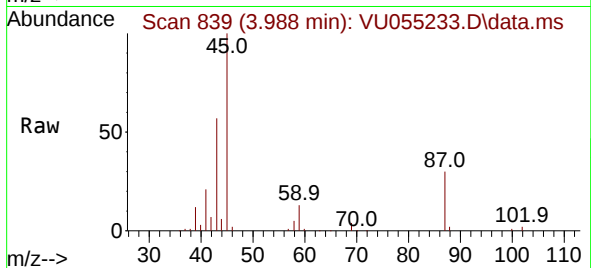
121 30.6 24.0 36.0





#31
Isopropyl Ether
Concen: 1.704 ug/l
RT: 3.988 min Scan# 811
Delta R.T. -0.011 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

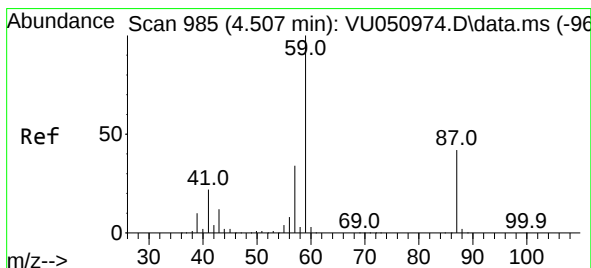
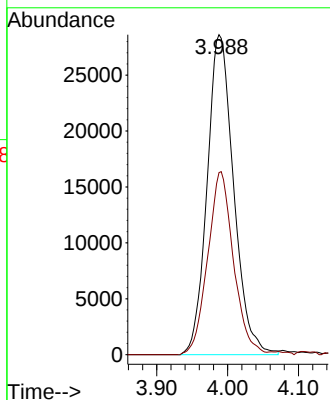
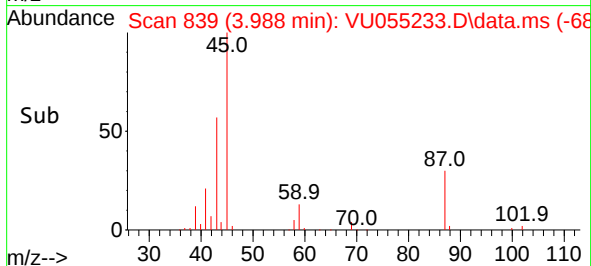
Instrument :
MSVOA_U
ClientSampleId :
VU0911WBS01



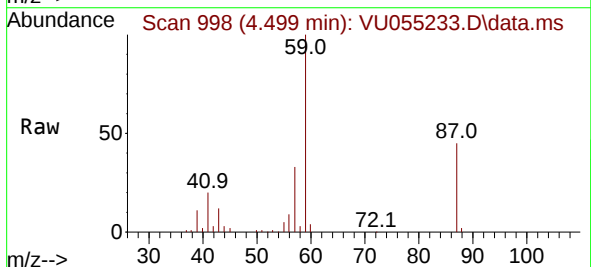
Tgt Ion: 45 Resp: 74579
Ion Ratio Lower Upper
45 100
43 55.4 27.5 82.5

Manual Integrations
APPROVED

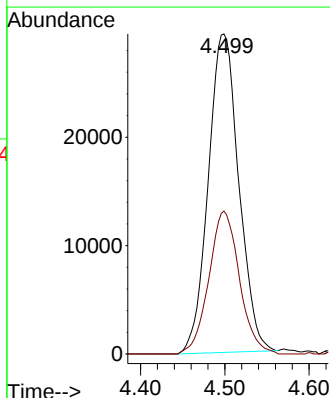
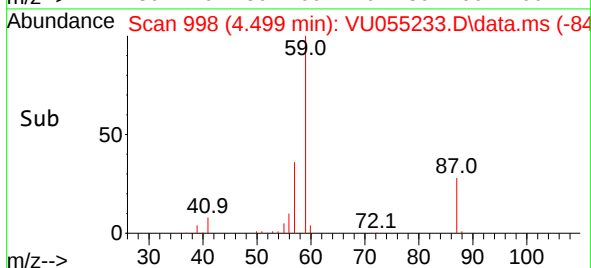
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023

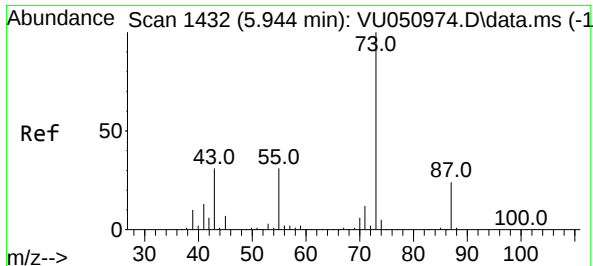


#32
Ethyl-t-butyl ether
Concen: 1.750 ug/l
RT: 4.499 min Scan# 998
Delta R.T. -0.008 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48



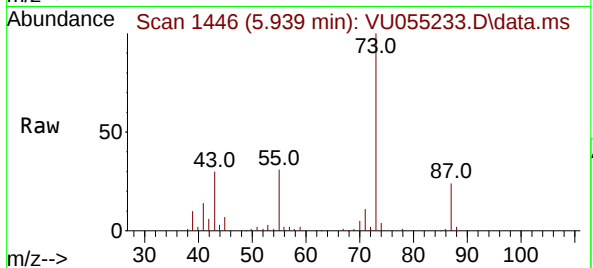
Tgt Ion: 59 Resp: 74035
Ion Ratio Lower Upper
59 100
87 44.9 33.5 50.3





#33
Tert-Amyl methyl ether
Concen: 1.919 ug/l
RT: 5.939 min Scan# 1432
Delta R.T. -0.005 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

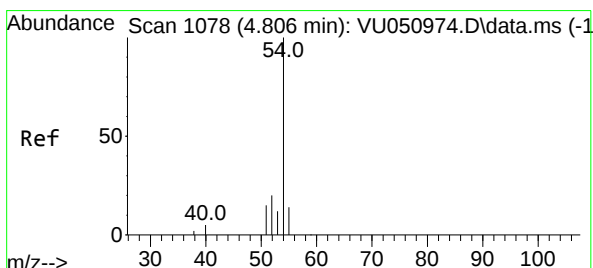
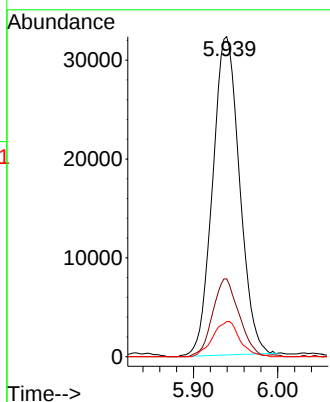
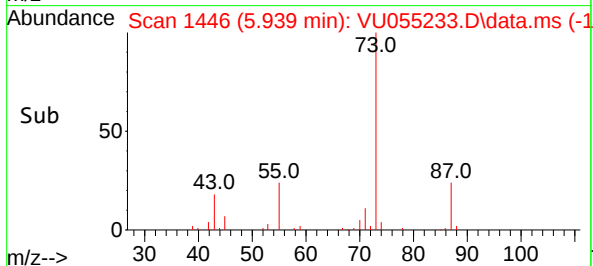
Instrument :
MSVOA_U
ClientSampleId :
VU0911WBS01



Tgt Ion: 73 Resp: 71510
Ion Ratio Lower Upper
73 100
87 23.4 18.6 28.0
71 11.1 9.9 14.9

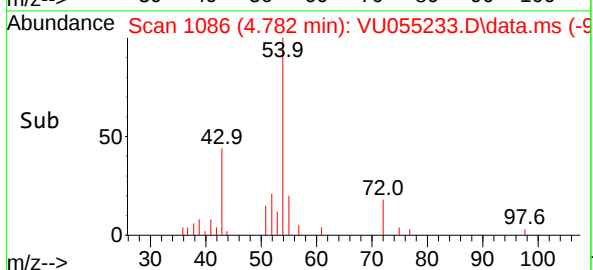
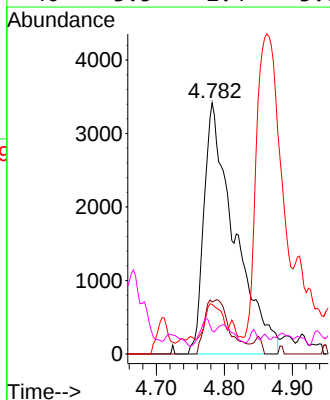
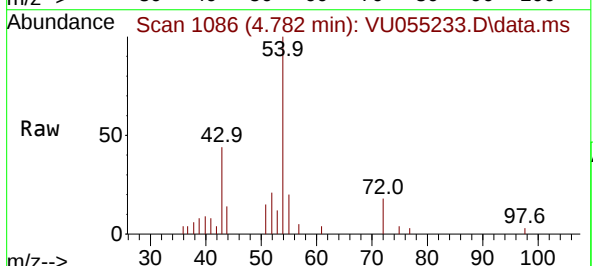
Manual Integrations
APPROVED

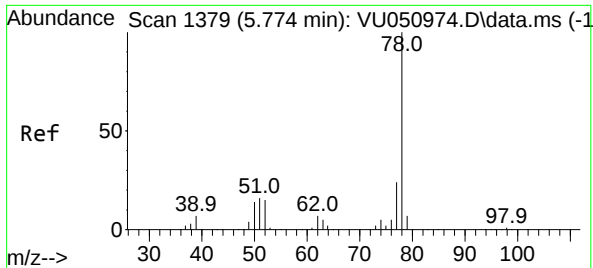
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#34
Propionitrile
Concen: 10.642 ug/l m
RT: 4.782 min Scan# 1086
Delta R.T. -0.024 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

Tgt Ion: 54 Resp: 10622
Ion Ratio Lower Upper
54 100
52 17.7 17.4 26.0
55 7.7 104.1 156.1#
40 3.5 2.4 3.6





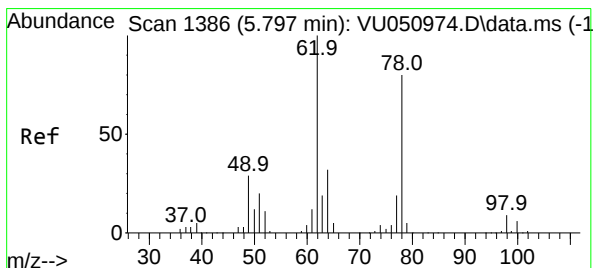
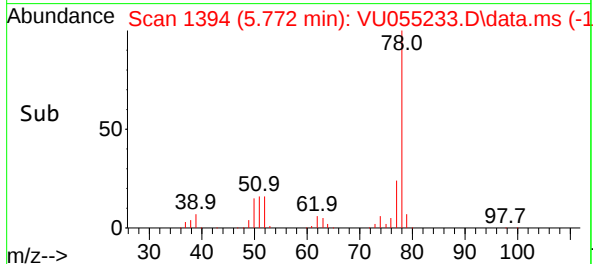
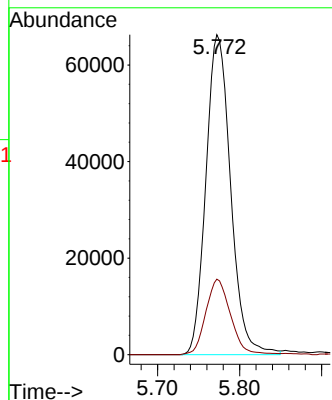
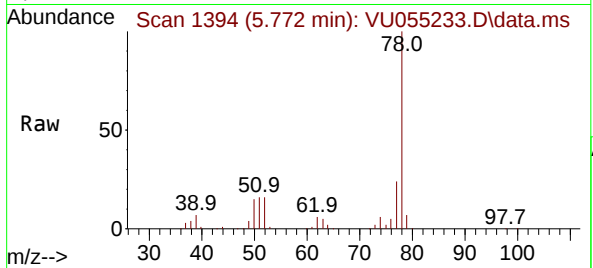
#35
Benzene
Concen: 1.868 ug/l
RT: 5.772 min Scan# 1385
Delta R.T. -0.002 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

Instrument :
MSVOA_U
ClientSampleId :
VU0911WBS01

Tgt Ion: 78 Resp: 13885
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3

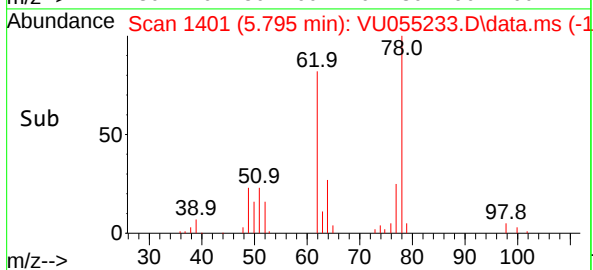
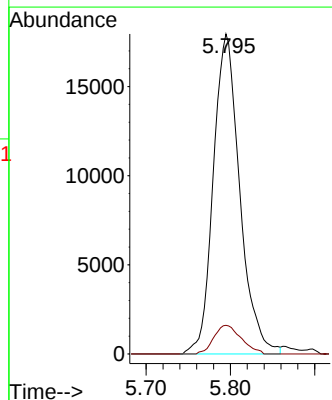
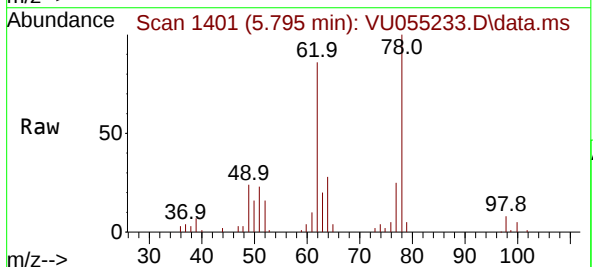
Manual Integrations
APPROVED

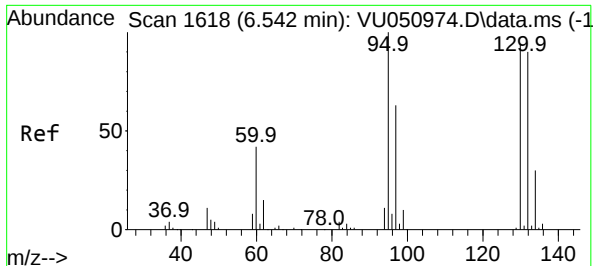
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#36
1,2-Dichloroethane
Concen: 1.888 ug/l
RT: 5.795 min Scan# 1401
Delta R.T. -0.002 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

Tgt Ion: 62 Resp: 39164
Ion Ratio Lower Upper
62 100
98 9.3 7.3 10.9





#37

Trichloroethene

Concen: 1.802 ug/l

RT: 6.541 min Scan# 1710

Delta R.T. -0.001 min

Lab File: VU055233.D

Acq: 11 Sep 2023 13:48

Instrument :

MSVOA_U

ClientSampleId :

VU0911WBS01

Tgt Ion:130 Resp: 3914

Ion Ratio Lower Upper

130 100

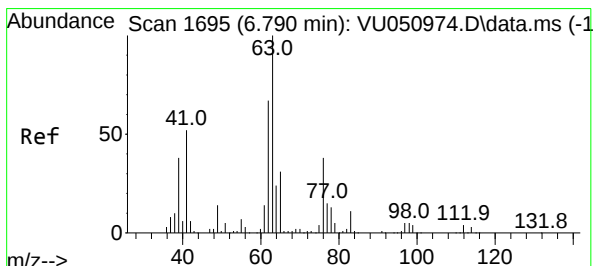
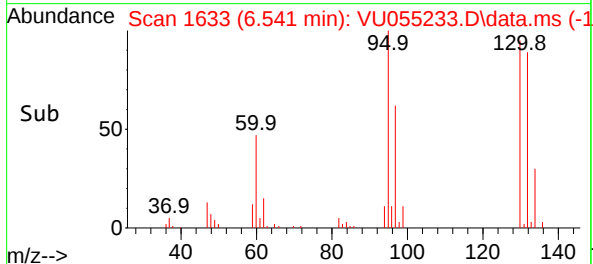
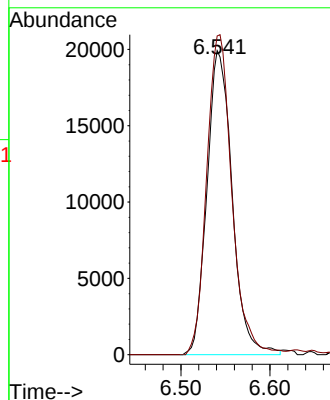
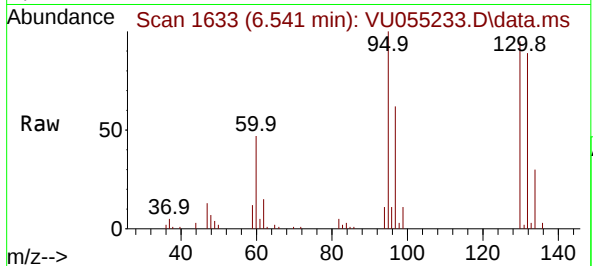
95 104.9 85.0 127.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/21/2023



#38

1,2-Dichloropropane

Concen: 1.850 ug/l

RT: 6.788 min Scan# 1710

Delta R.T. -0.002 min

Lab File: VU055233.D

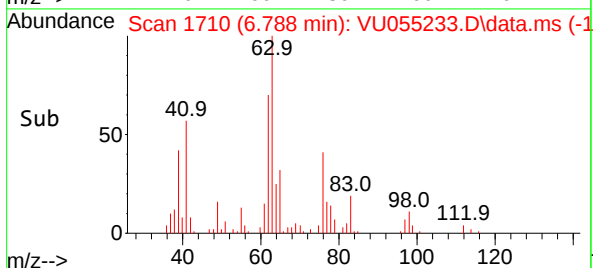
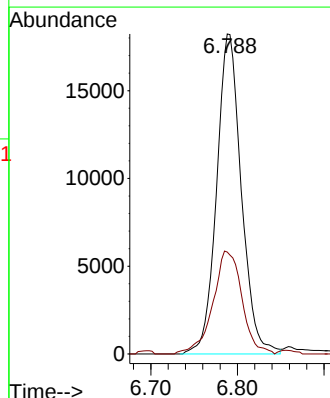
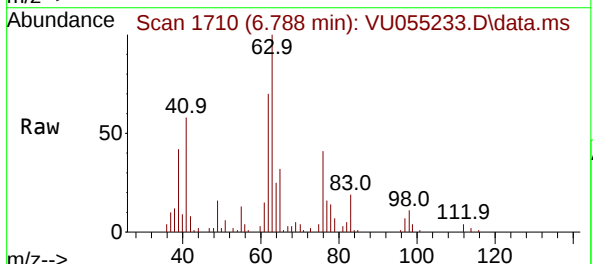
Acq: 11 Sep 2023 13:48

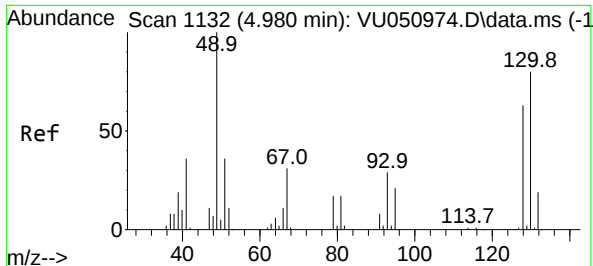
Tgt Ion: 63 Resp: 36088

Ion Ratio Lower Upper

63 100

65 31.0 24.9 37.3





#39

Methacrylonitrile

Concen: 2.088 ug/l

RT: 4.978 min Scan# 1110

Delta R.T. -0.002 min

Lab File: VU055233.D

Acq: 11 Sep 2023 13:48

Instrument :

MSVOA_U

ClientSampleId :

VU0911WBS01

Tgt Ion: 41 Resp: 8310

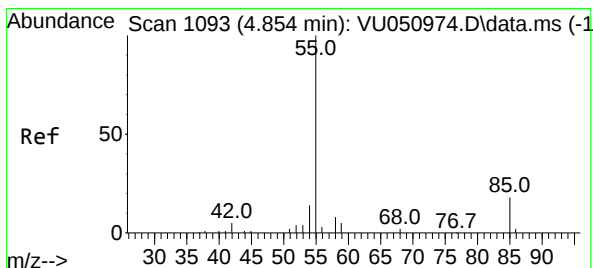
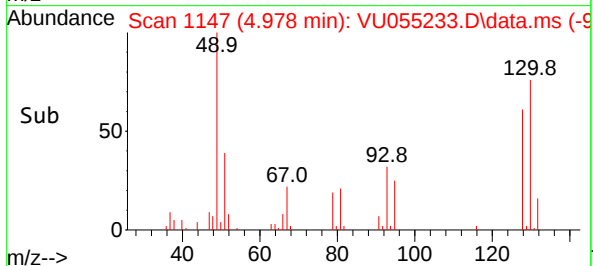
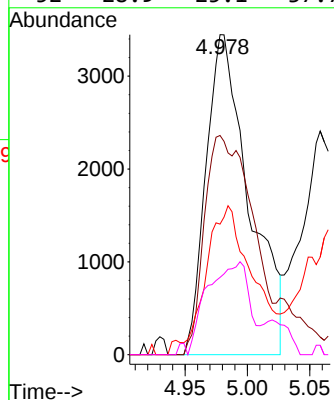
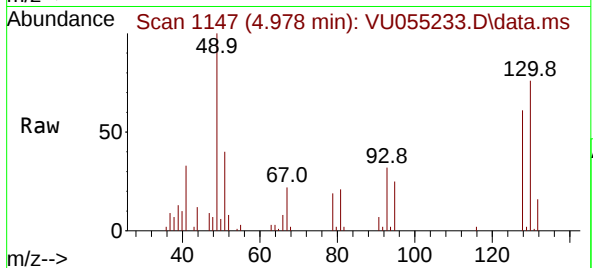
Ion	Ratio	Lower	Upper
41	100		
67	77.0	66.8	100.2
39	43.8	41.2	61.8
52	28.9	25.1	37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/21/2023



#40

Methyl acrylate

Concen: 1.583 ug/l

RT: 4.862 min Scan# 1111

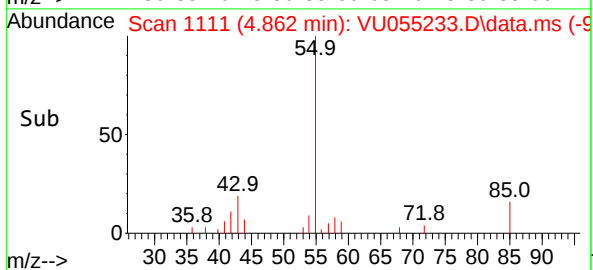
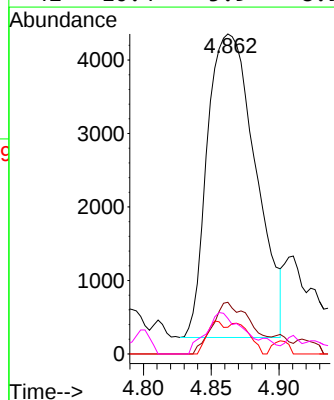
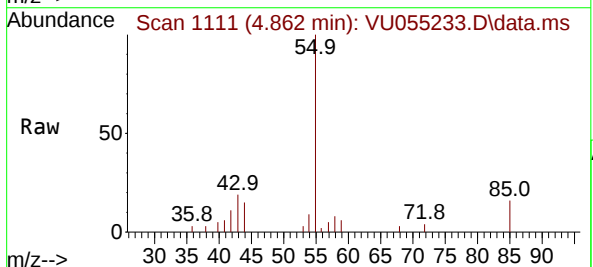
Delta R.T. 0.008 min

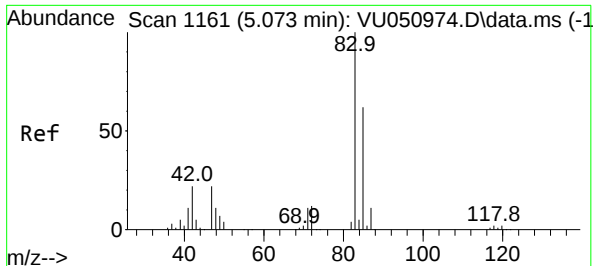
Lab File: VU055233.D

Acq: 11 Sep 2023 13:48

Tgt Ion: 55 Resp: 10200

Ion	Ratio	Lower	Upper
55	100		
85	14.0	13.3	19.9
58	3.7	6.5	9.7#
42	10.4	5.9	8.9#





#41

Tetrahydrofuran

Concen: 3.944 ug/l

RT: 5.062 min Scan# 1161

Delta R.T. -0.011 min

Lab File: VU055233.D

Acq: 11 Sep 2023 13:48

Instrument :

MSVOA_U

ClientSampleId :

VU0911WBS01

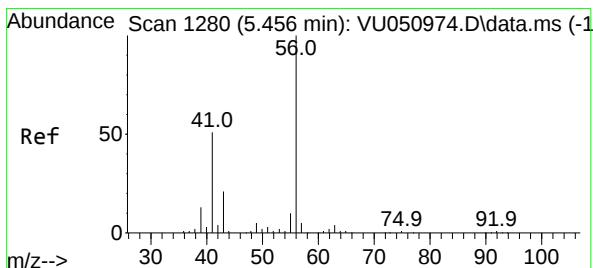
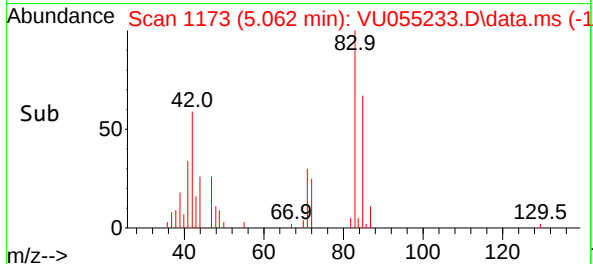
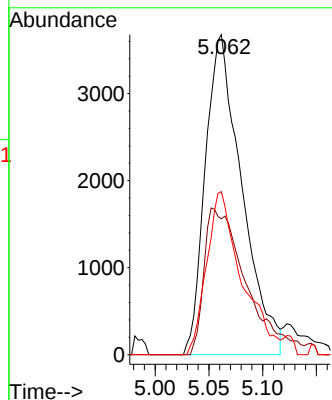
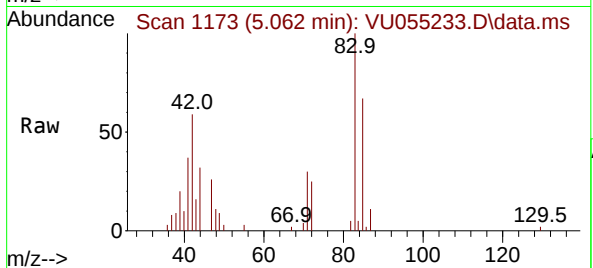
Tgt Ion:	42	Resp:	870
Ion Ratio	Lower	Upper	
42	100		
72	52.9	40.9	61.3
71	49.0	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/21/2023



#42

1-Chlorobutane

Concen: 1.872 ug/l

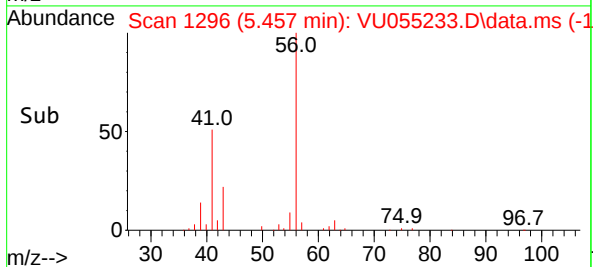
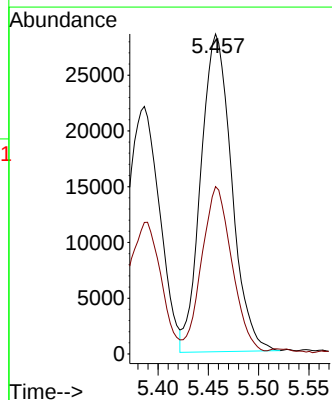
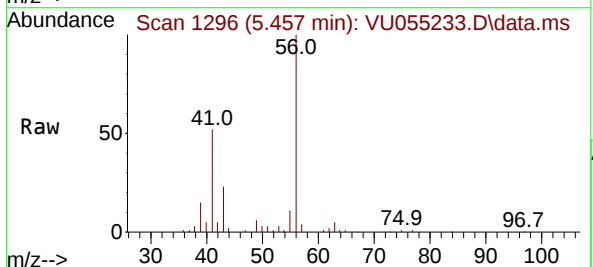
RT: 5.457 min Scan# 1296

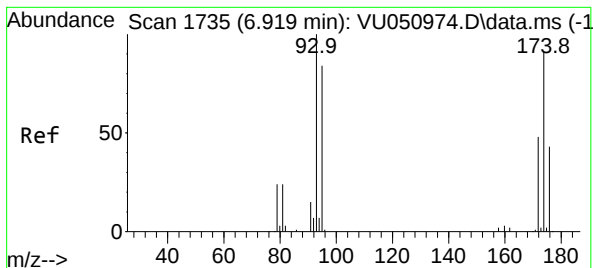
Delta R.T. 0.001 min

Lab File: VU055233.D

Acq: 11 Sep 2023 13:48

Tgt Ion:	56	Resp:	60741
Ion Ratio	Lower	Upper	
56	100		
41	51.4	25.2	75.6





#43

Dibromomethane

Concen: 1.931 ug/l

RT: 6.920 min Scan# 1780

Delta R.T. 0.001 min

Lab File: VU055233.D

Acq: 11 Sep 2023 13:48

Instrument :

MSVOA_U

ClientSampleId :

VU0911WBS01

Tgt Ion: 93 Resp: 1780

Ion Ratio Lower Upper

93 100

95 84.3 67.0 100.6

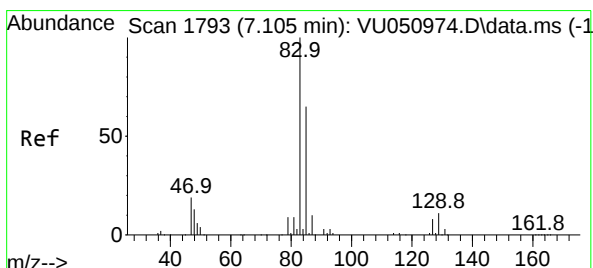
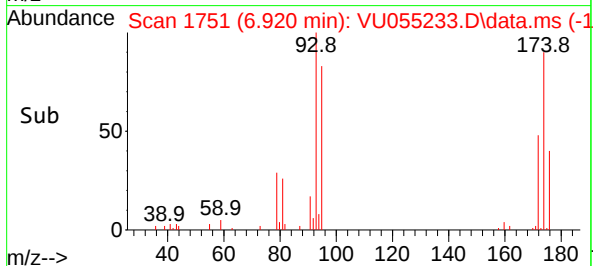
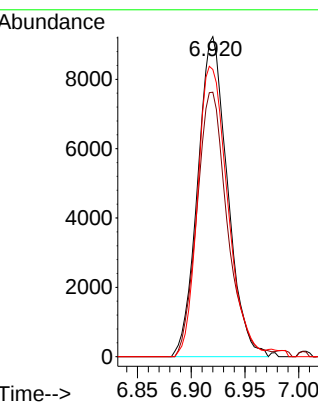
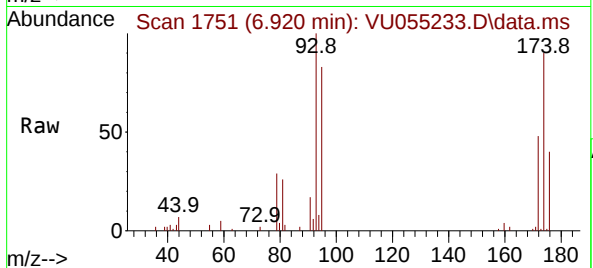
174 91.4 73.8 110.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/21/2023



#44

Bromodichloromethane

Concen: 1.779 ug/l

RT: 7.103 min Scan# 1808

Delta R.T. -0.002 min

Lab File: VU055233.D

Acq: 11 Sep 2023 13:48

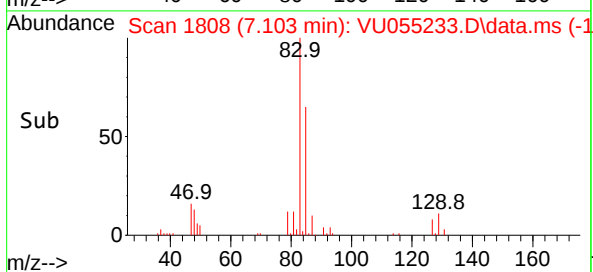
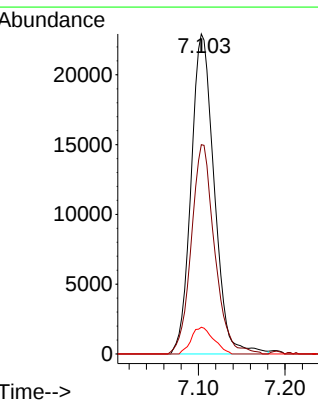
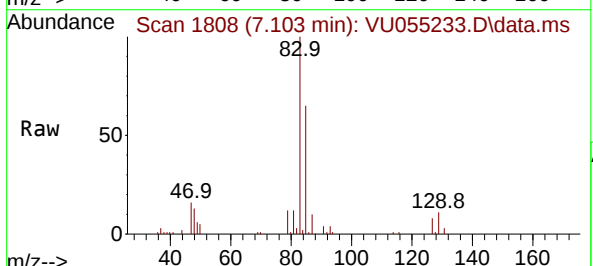
Tgt Ion: 83 Resp: 42491

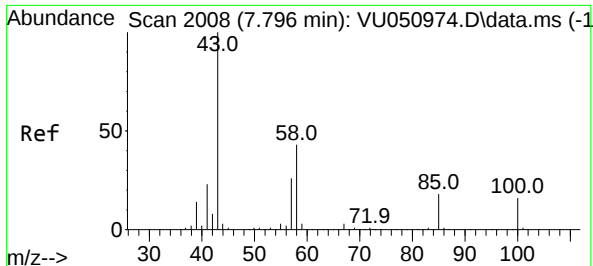
Ion Ratio Lower Upper

83 100

85 65.4 51.9 77.9

127 9.7 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 10.079 ug/l

RT: 7.791 min Scan# 2008

Delta R.T. -0.005 min

Lab File: VU055233.D

Acq: 11 Sep 2023 13:48

Instrument :

MSVOA_U

ClientSampleId :

VU0911WBS01

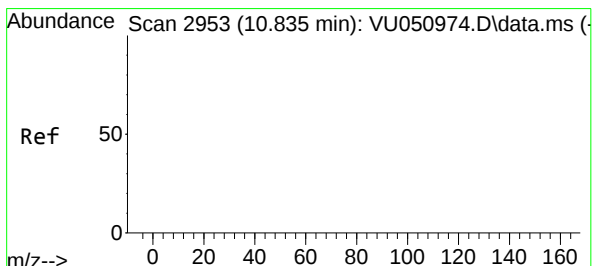
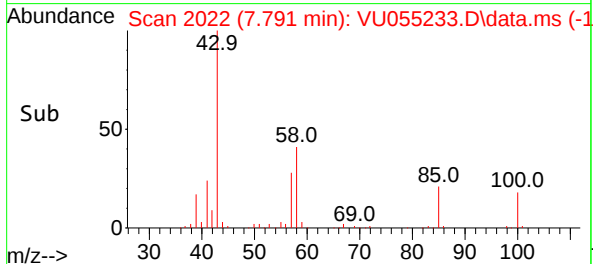
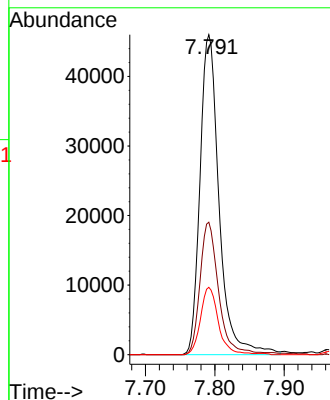
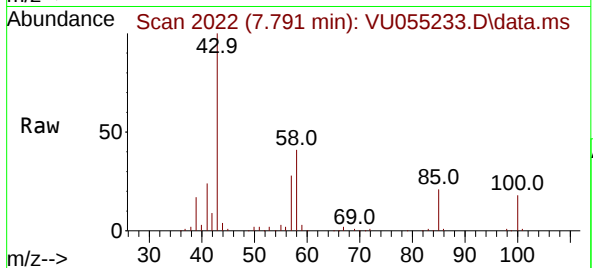
Tgt Ion:	43	Resp:	8817
Ion Ratio	Lower	Upper	
43	100		
58	40.8	20.9	62.8
85	19.7	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/21/2023



#46

t-1,4-Dichloro-2-butene

Concen: 4.345 ug/l m

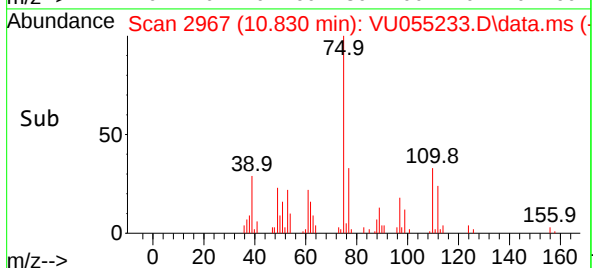
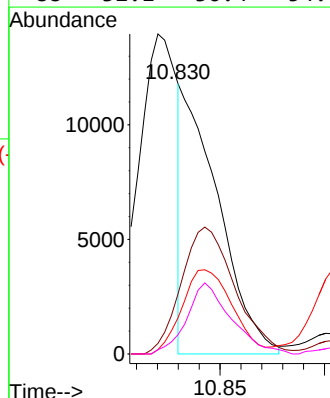
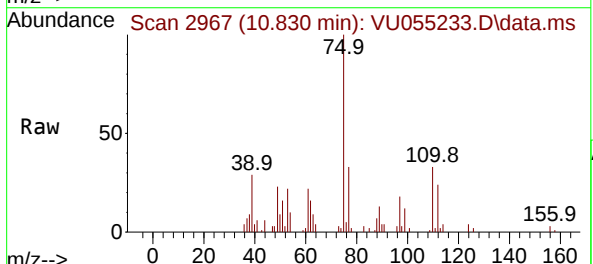
RT: 10.830 min Scan# 2967

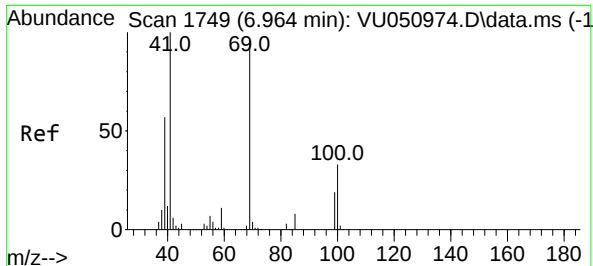
Delta R.T. -0.005 min

Lab File: VU055233.D

Acq: 11 Sep 2023 13:48

Tgt Ion:	75	Resp:	14205
Ion Ratio	Lower	Upper	
75	100		
53	69.6	73.3	109.9#
89	43.3	48.2	72.4#
88	32.1	36.4	54.6#





#47

Methyl methacrylate

Concen: 3.977 ug/l

RT: 6.965 min Scan# 1749

Delta R.T. 0.001 min

Lab File: VU055233.D

Acq: 11 Sep 2023 13:48

Instrument :

MSVOA_U

ClientSampleId :

VU0911WBS01

Tgt Ion: 69 Resp: 2818

Ion Ratio Lower Upper

69 100

41 101.2 0.0 209.2

39 59.8 46.7 70.1

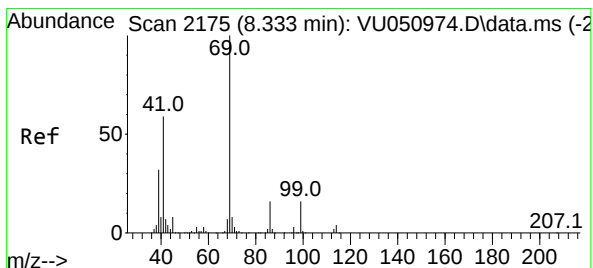
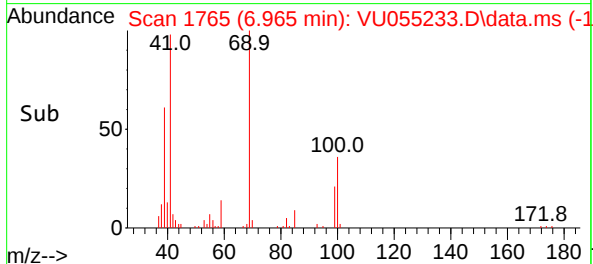
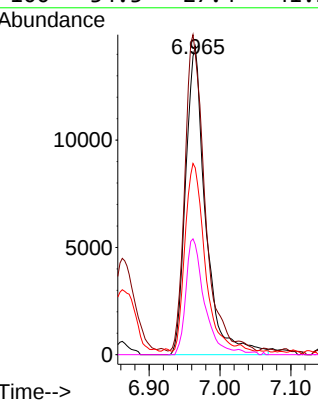
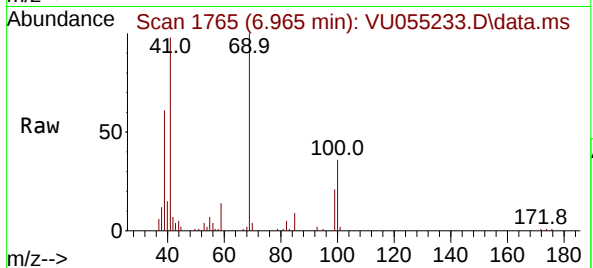
100 34.3 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/21/2023



#48

Ethyl methacrylate

Concen: 1.871 ug/l

RT: 8.335 min Scan# 2191

Delta R.T. 0.002 min

Lab File: VU055233.D

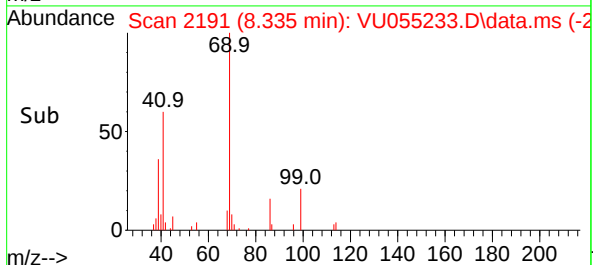
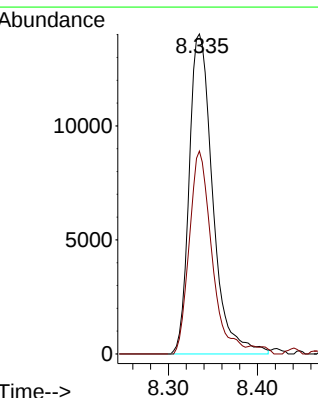
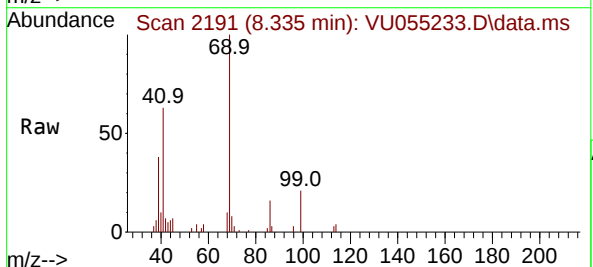
Acq: 11 Sep 2023 13:48

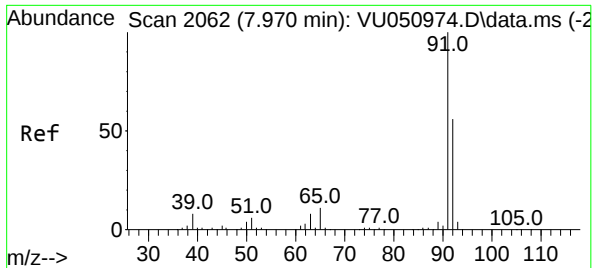
Tgt Ion: 69 Resp: 25752

Ion Ratio Lower Upper

69 100

41 60.5 30.3 90.8





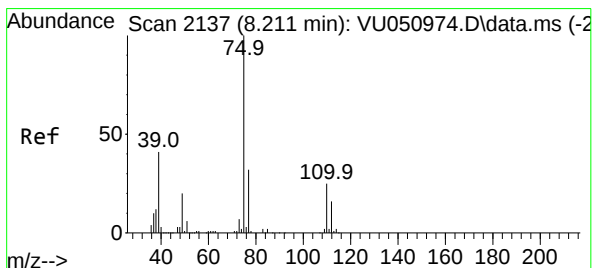
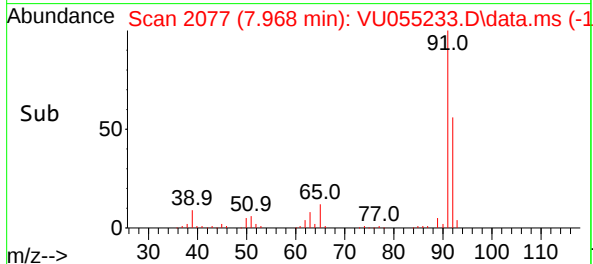
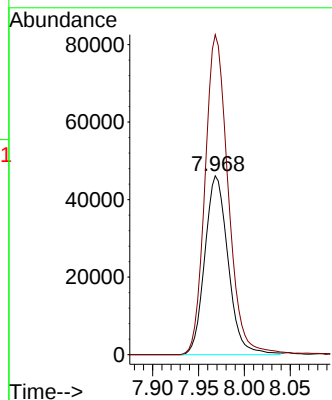
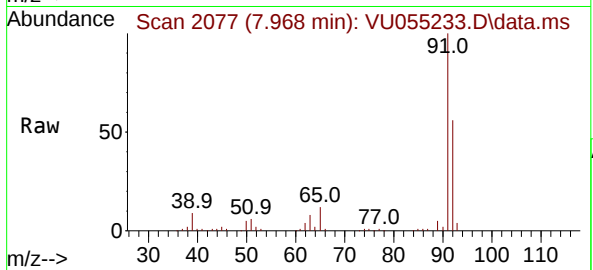
#49
Toluene
Concen: 1.810 ug/l
RT: 7.968 min Scan# 2062
Delta R.T. -0.002 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

Instrument :
MSVOA_U
ClientSampleId :
VU0911WBS01

Tgt Ion: 92 Resp: 8160
Ion Ratio Lower Upper
92 100
91 177.9 143.0 214.6

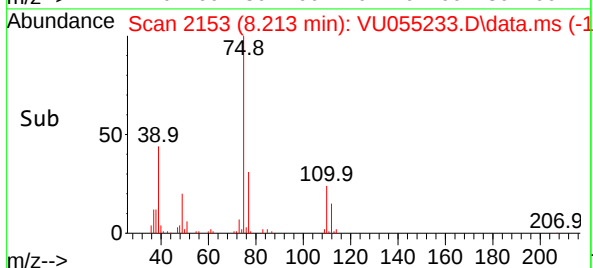
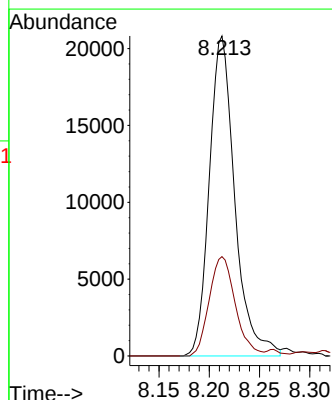
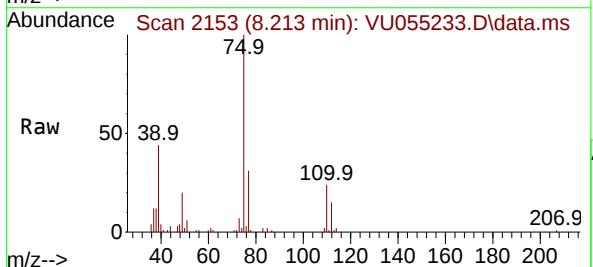
Manual Integrations
APPROVED

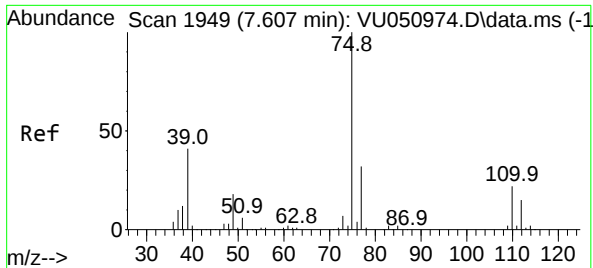
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#50
t-1,3-Dichloropropene
Concen: 1.827 ug/l
RT: 8.213 min Scan# 2153
Delta R.T. 0.002 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

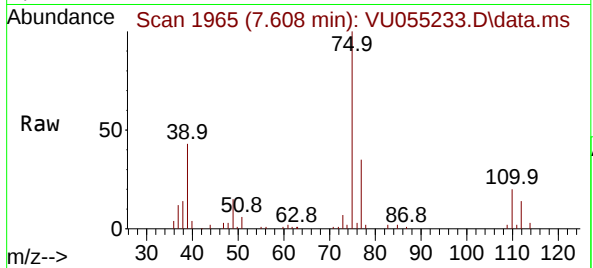
Tgt Ion: 75 Resp: 36719
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 1.835 ug/l
 RT: 7.608 min Scan# 1949
 Delta R.T. 0.001 min
 Lab File: VU055233.D
 Acq: 11 Sep 2023 13:48

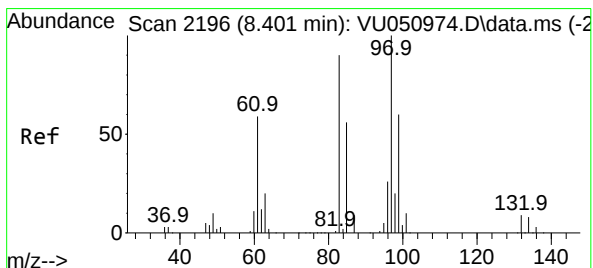
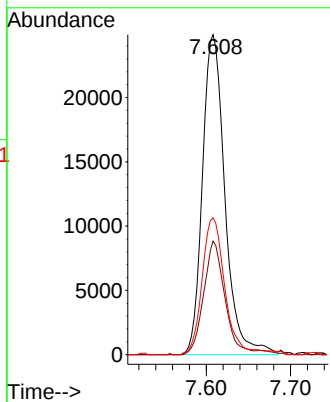
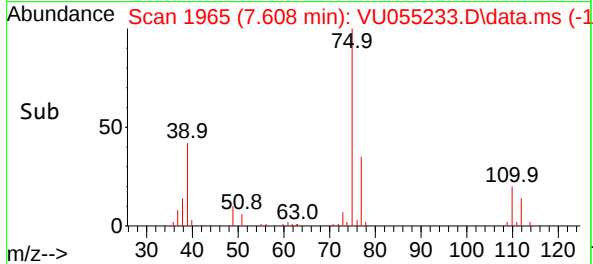
Instrument : MSVOA_U
 ClientSampleId : VU0911WBS01



Tgt Ion: 75 Resp: 46289
 Ion Ratio Lower Upper
 75 100
 77 35.5 25.7 38.5
 39 42.7 32.8 49.2

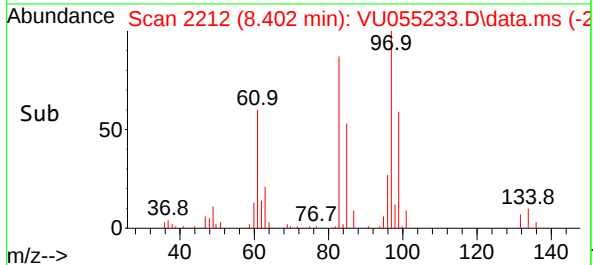
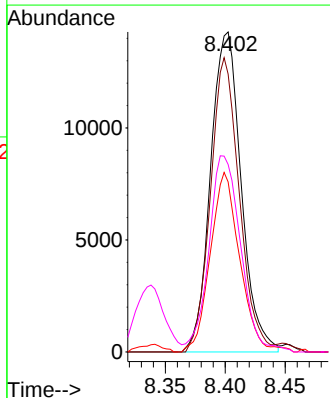
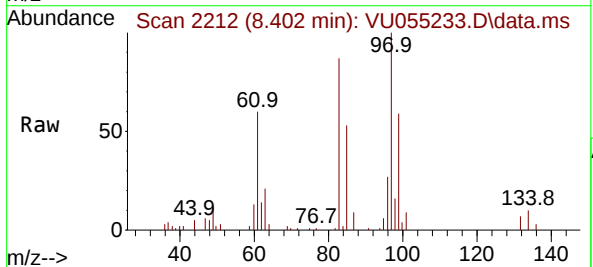
Manual Integrations
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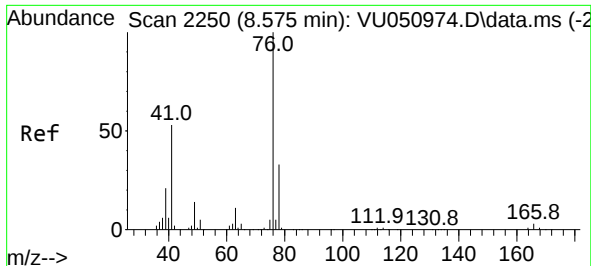
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/21/2023



#52
 1,1,2-Trichloroethane
 Concen: 1.945 ug/l
 RT: 8.402 min Scan# 2212
 Delta R.T. 0.001 min
 Lab File: VU055233.D
 Acq: 11 Sep 2023 13:48

Tgt Ion: 97 Resp: 25321
 Ion Ratio Lower Upper
 97 100
 83 86.9 71.8 107.8
 85 53.1 45.2 67.8
 99 56.9 50.6 75.8





#53

1,3-Dichloropropane

Concen: 1.894 ug/l

RT: 8.573 min Scan# 21

Delta R.T. -0.002 min

Lab File: VU055233.D

Acq: 11 Sep 2023 13:48

Instrument :

MSVOA_U

ClientSampleId :

VU0911WBS01

Tgt Ion: 76 Resp: 41800

Ion Ratio Lower Upper

76 100

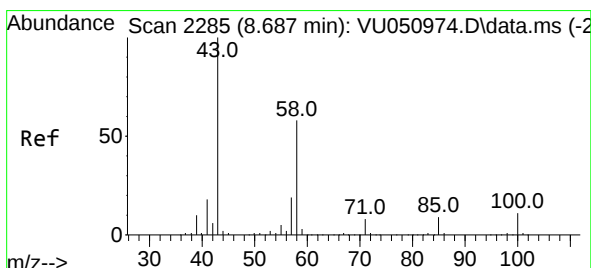
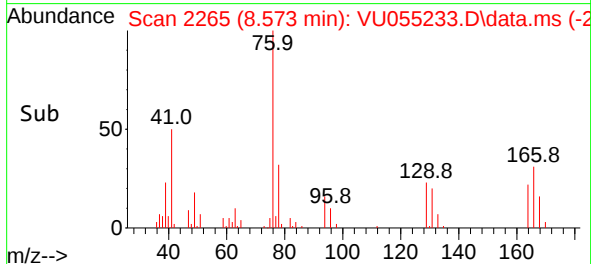
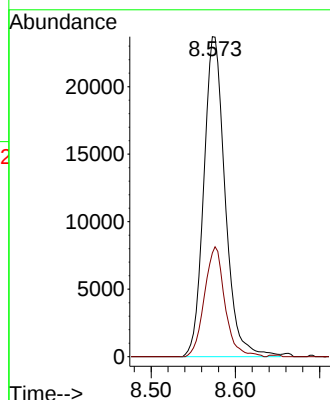
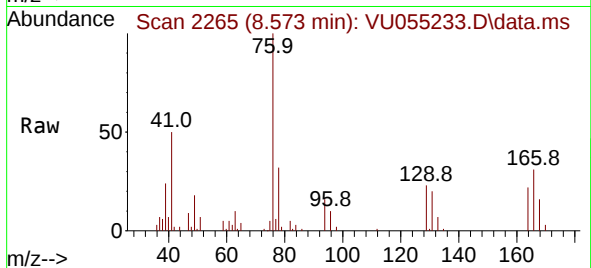
78 32.9 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/21/2023



#54

2-Hexanone

Concen: 9.196 ug/l

RT: 8.685 min Scan# 2300

Delta R.T. -0.002 min

Lab File: VU055233.D

Acq: 11 Sep 2023 13:48

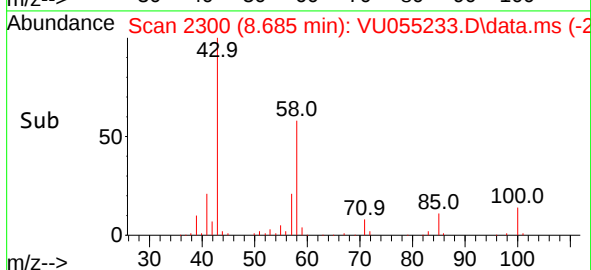
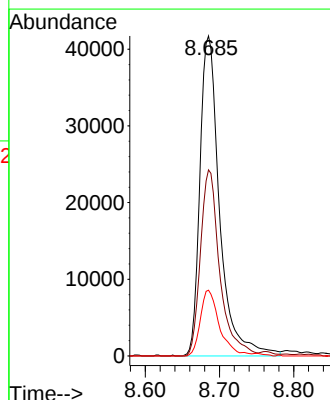
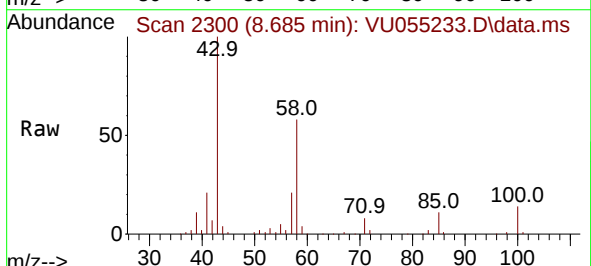
Tgt Ion: 43 Resp: 77080

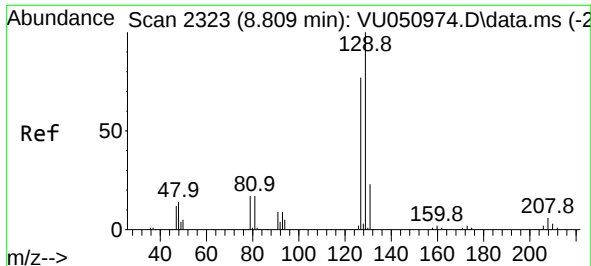
Ion Ratio Lower Upper

43 100

58 56.9 38.2 78.2

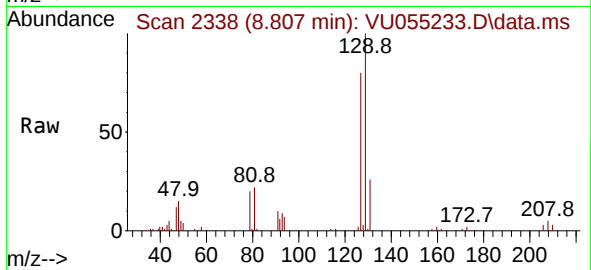
57 19.9 0.0 39.1





#55
Dibromochloromethane
Concen: 1.844 ug/l
RT: 8.807 min Scan# 2137
Delta R.T. -0.002 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

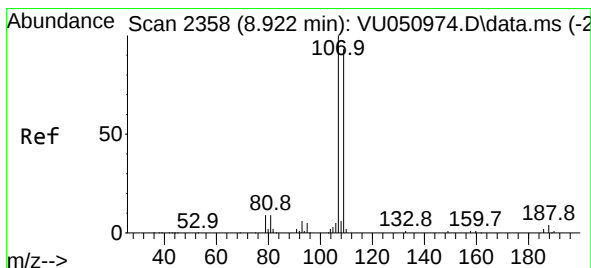
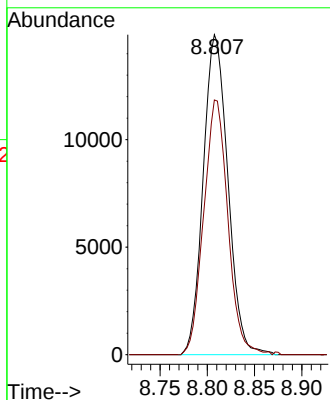
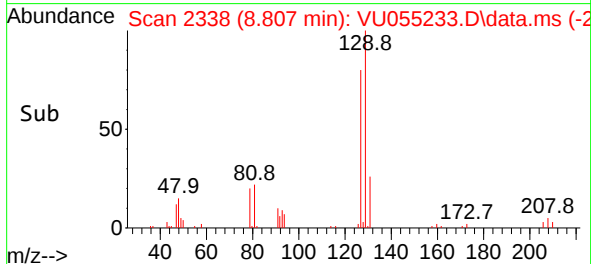
Instrument :
MSVOA_U
ClientSampleId :
VU0911WBS01



Tgt Ion:129 Resp: 27048
Ion Ratio Lower Upper
129 100
127 78.0 61.4 92.0

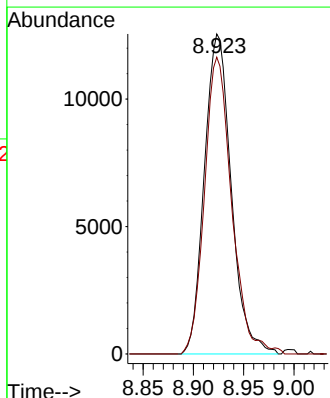
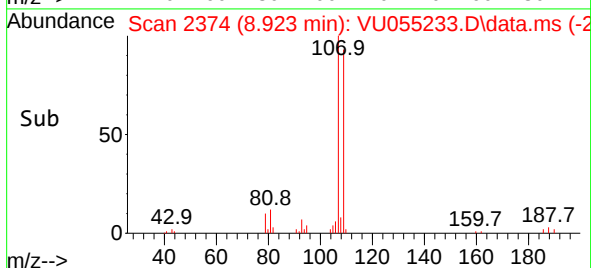
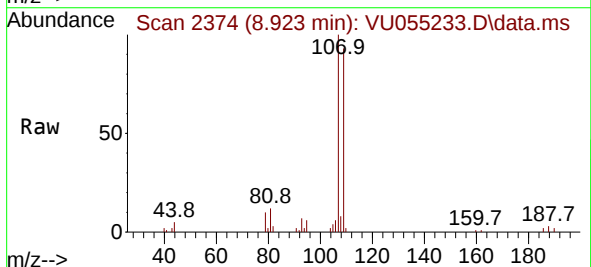
Manual Integrations
APPROVED

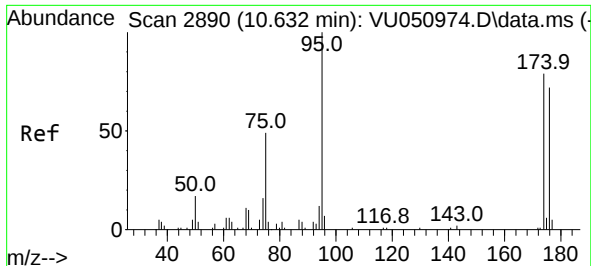
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#56
1,2-Dibromoethane
Concen: 1.970 ug/l
RT: 8.923 min Scan# 2374
Delta R.T. 0.001 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

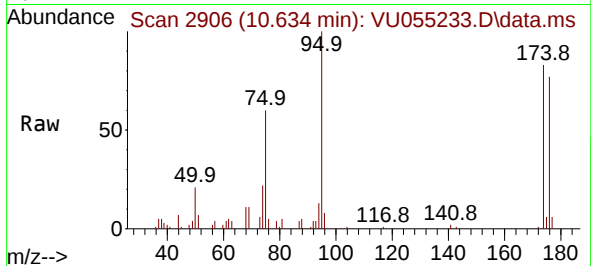
Tgt Ion:107 Resp: 23334
Ion Ratio Lower Upper
107 100
109 93.8 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 0.924 ug/l
RT: 10.634 min Scan# 2906
Delta R.T. 0.002 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

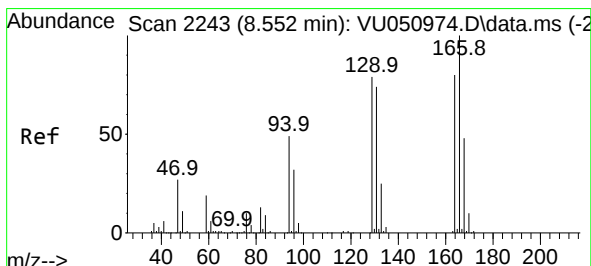
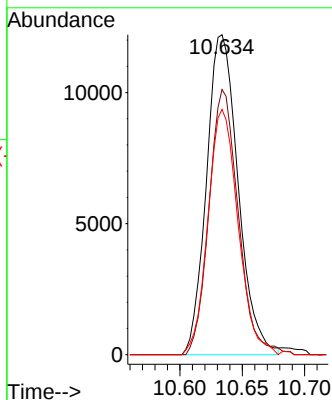
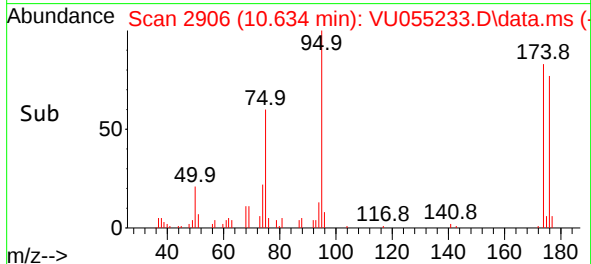
Instrument :
MSVOA_U
ClientSampleId :
VU0911WBS01



Tgt Ion: 95 Resp: 21578
Ion Ratio Lower Upper
95 100
174 76.6 63.3 94.9
176 73.1 59.3 88.9

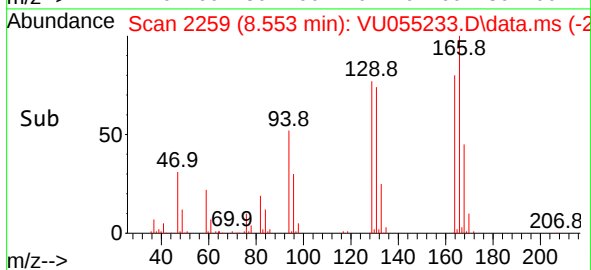
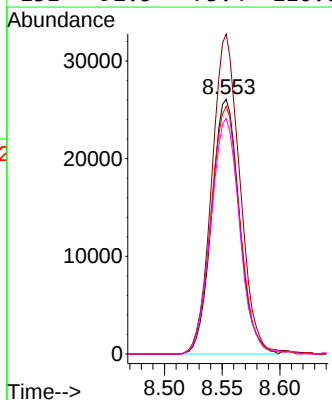
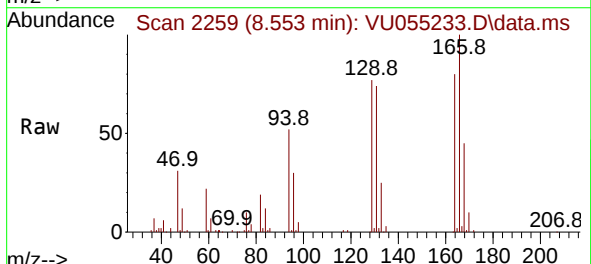
Manual Integrations
APPROVED

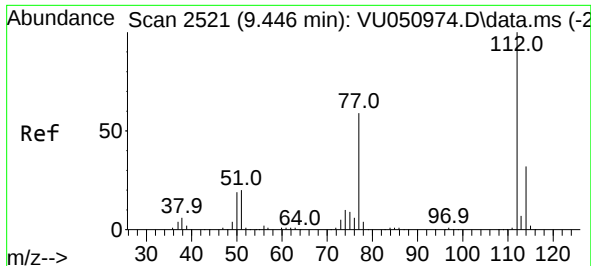
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#58
Tetrachloroethene
Concen: 1.857 ug/l
RT: 8.553 min Scan# 2259
Delta R.T. 0.001 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

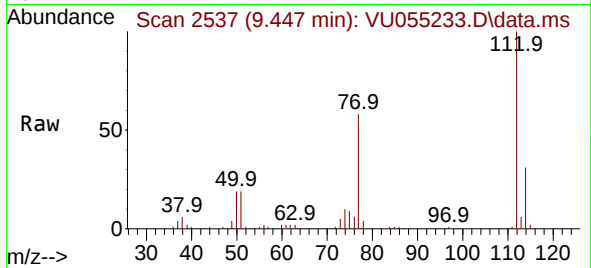
Tgt Ion:164 Resp: 43588
Ion Ratio Lower Upper
164 100
166 125.7 99.6 149.4
129 97.3 78.6 117.8
131 92.5 73.4 110.0





#59
Chlorobenzene
Concen: 1.921 ug/l
RT: 9.447 min Scan# 2521
Delta R.T. 0.001 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

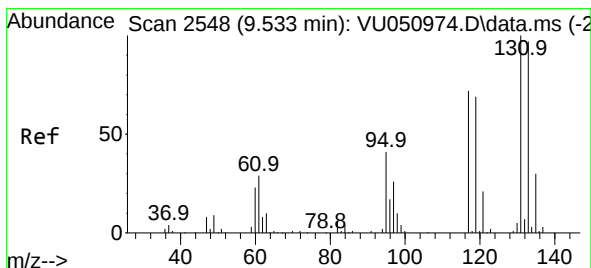
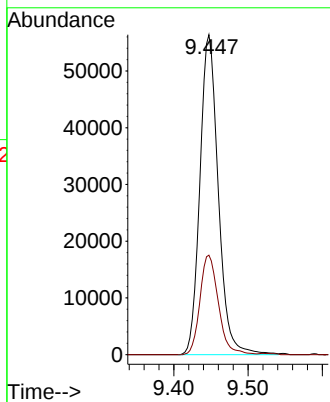
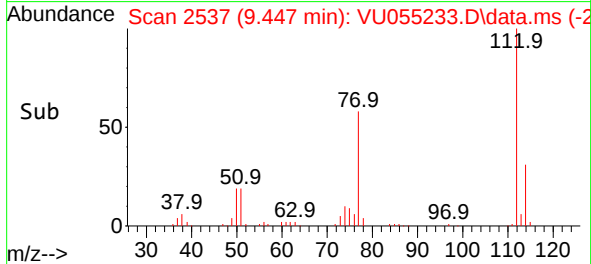
Instrument :
MSVOA_U
ClientSampleId :
VU0911WBS01



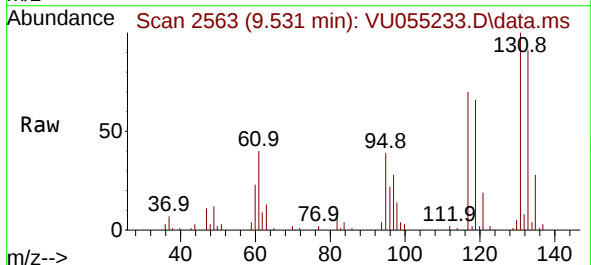
Tgt Ion:112 Resp: 97010
Ion Ratio Lower Upper
112 100
114 31.1 25.6 38.4

Manual Integrations
APPROVED

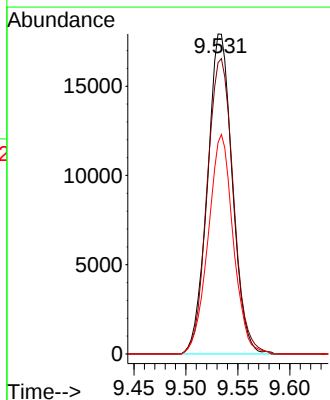
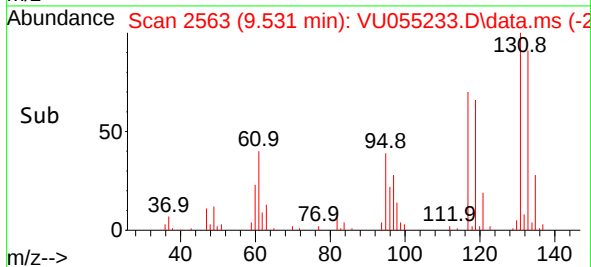
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023

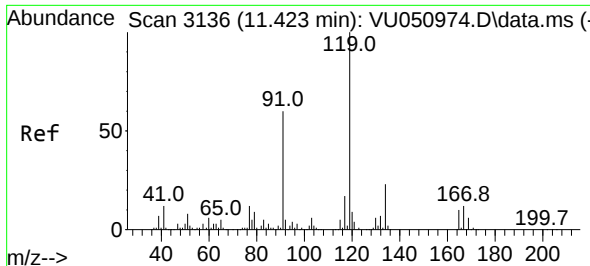


#60
1,1,1,2-Tetrachloroethane
Concen: 1.788 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. -0.002 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48



Tgt Ion:131 Resp: 29900
Ion Ratio Lower Upper
131 100
133 96.9 77.8 116.6
119 69.0 55.2 82.8





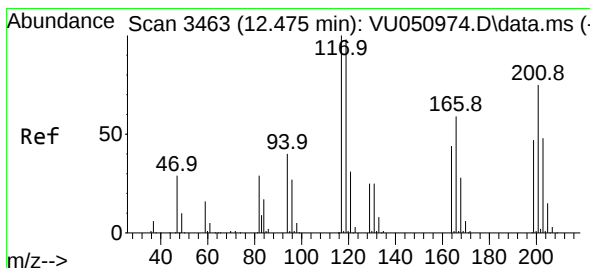
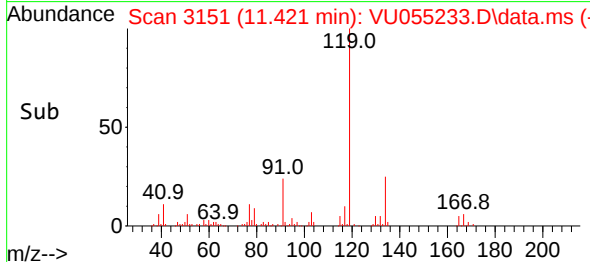
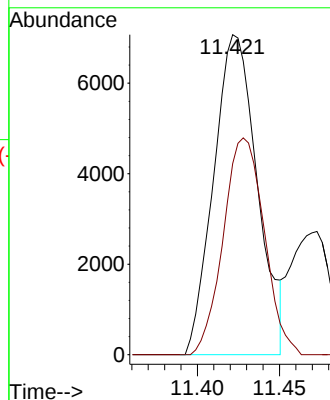
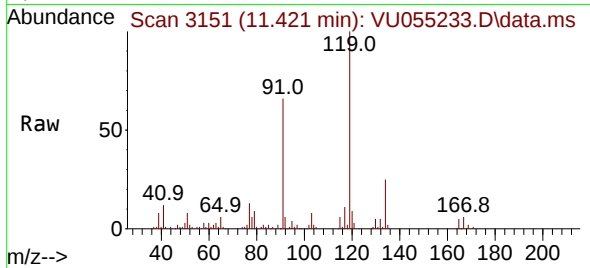
#61
Pentachloroethane
Concen: 1.678 ug/l
RT: 11.421 min Scan# 3136
Delta R.T. -0.002 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

Instrument :
MSVOA_U
ClientSampleId :
VU0911WBS01

Tgt Ion:117 Resp: 1308
Ion Ratio Lower Upper
117 100
167 63.5 56.7 85.1

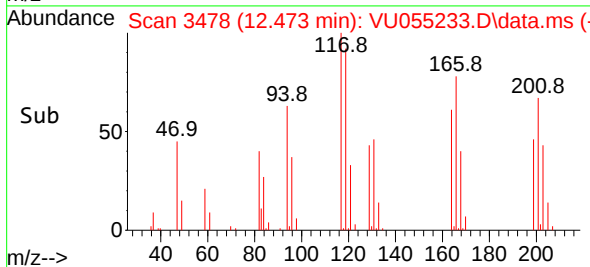
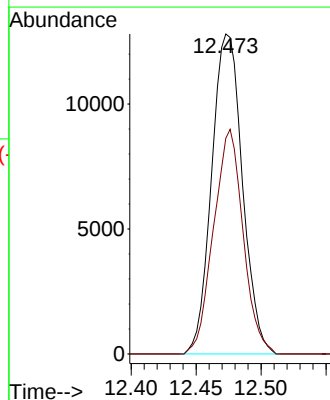
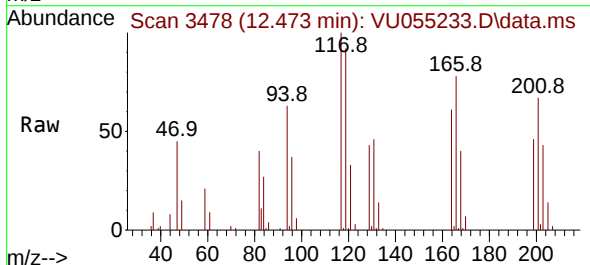
Manual Integrations
APPROVED

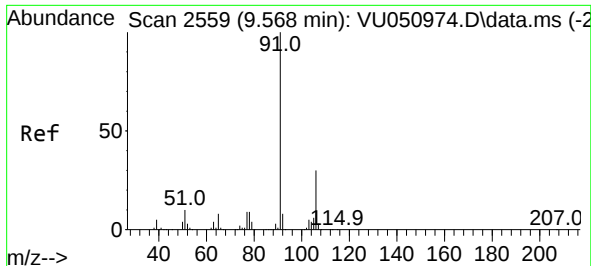
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#62
Hexachloroethane
Concen: 1.648 ug/l
RT: 12.473 min Scan# 3478
Delta R.T. -0.002 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

Tgt Ion:117 Resp: 21066
Ion Ratio Lower Upper
117 100
201 67.5 59.6 89.4





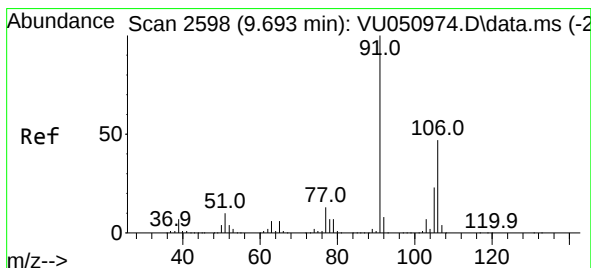
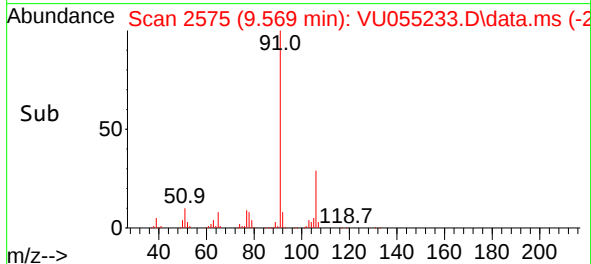
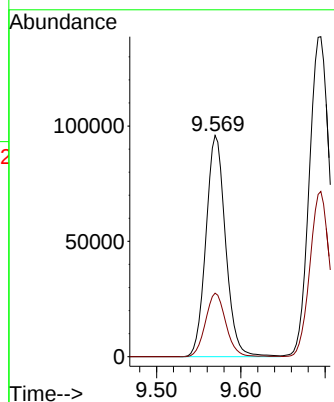
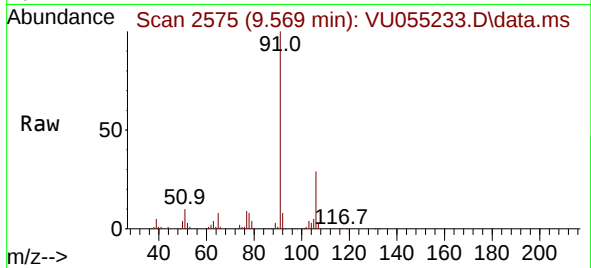
#63
Ethyl Benzene
Concen: 1.821 ug/l
RT: 9.569 min Scan# 2155
Delta R.T. 0.001 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

Instrument :
MSVOA_U
ClientSampleId :
VU0911WBS01

Tgt Ion: 91 Resp: 15551
Ion Ratio Lower Upper
91 100
106 28.7 24.2 36.2

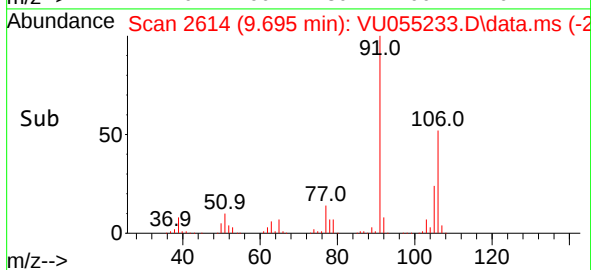
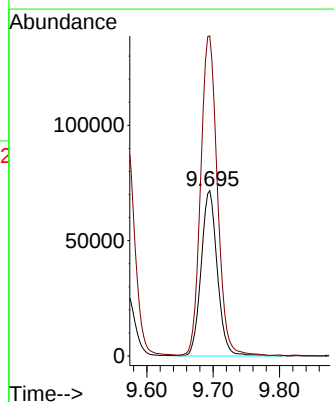
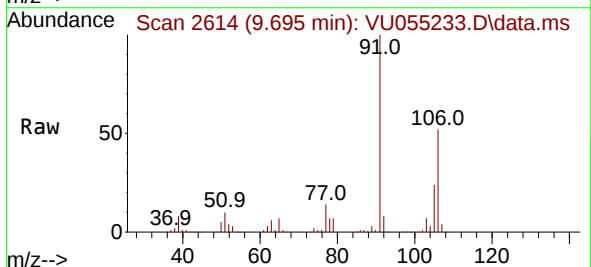
Manual Integrations
APPROVED

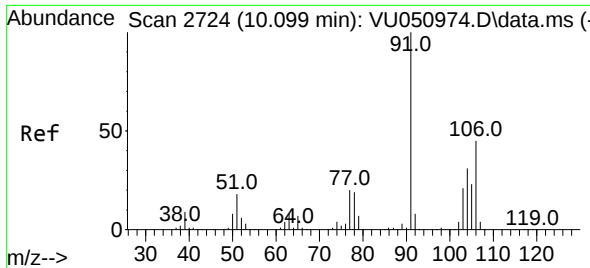
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#64
m/p-Xylenes
Concen: 3.670 ug/l
RT: 9.695 min Scan# 2614
Delta R.T. 0.002 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

Tgt Ion:106 Resp: 121418
Ion Ratio Lower Upper
106 100
91 199.2 167.3 250.9





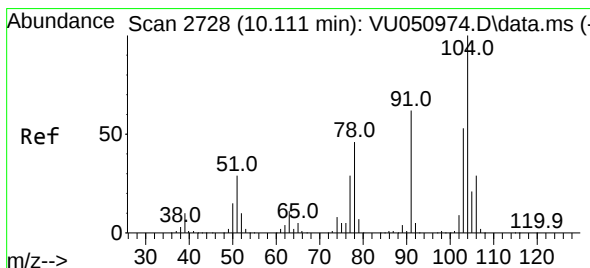
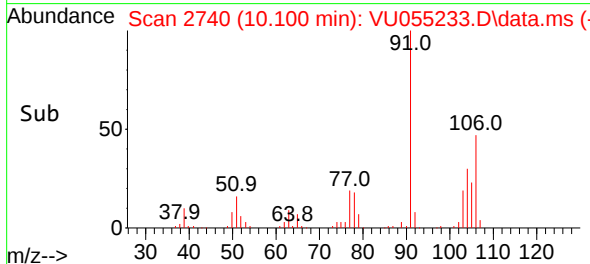
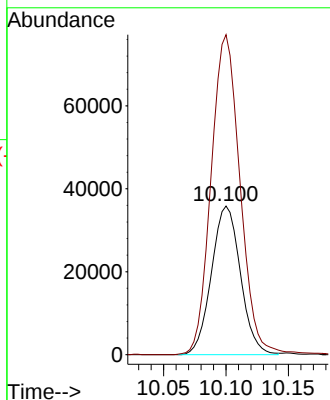
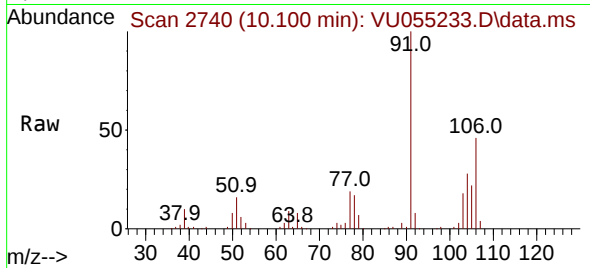
#65
o-Xylene
Concen: 1.809 ug/l
RT: 10.100 min Scan# 2745
Delta R.T. 0.001 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

Instrument :
MSVOA_U
ClientSampleId :
VU0911WBS01

Tgt Ion:106 Resp: 5803
Ion Ratio Lower Upper
106 100
91 216.0 109.3 327.9

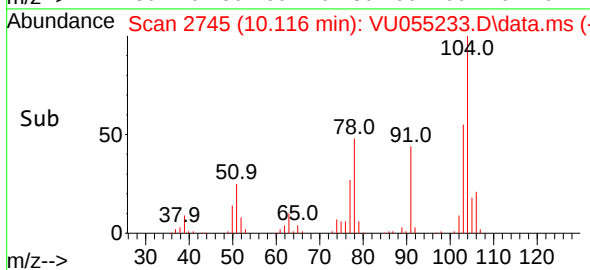
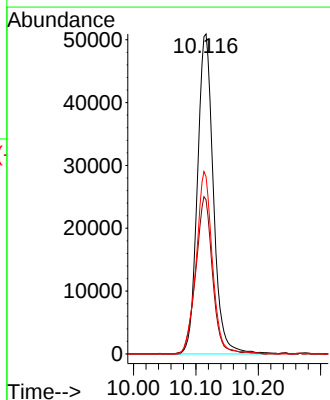
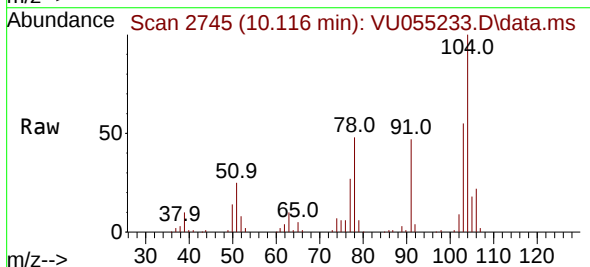
Manual Integrations
APPROVED

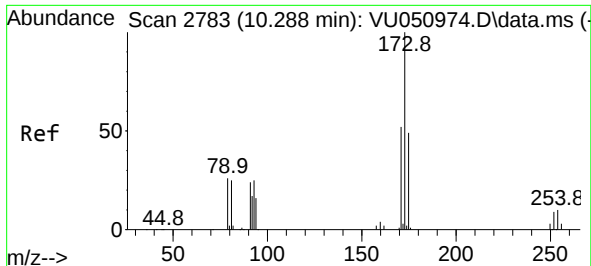
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#66
Styrene
Concen: 1.810 ug/l
RT: 10.116 min Scan# 2745
Delta R.T. 0.005 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

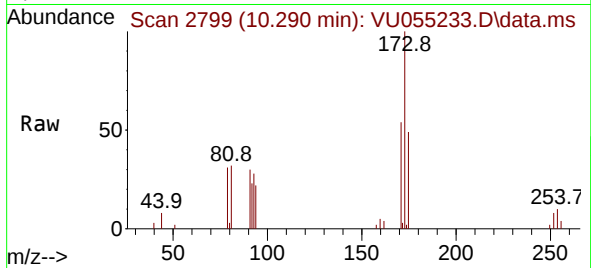
Tgt Ion:104 Resp: 90675
Ion Ratio Lower Upper
104 100
78 51.0 39.7 59.5
103 58.0 44.8 67.2





#67
Bromoform
Concen: 1.738 ug/l
RT: 10.290 min Scan# 21
Delta R.T. 0.002 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

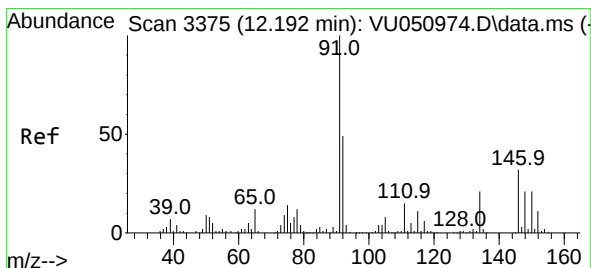
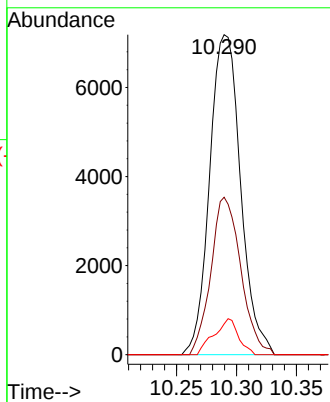
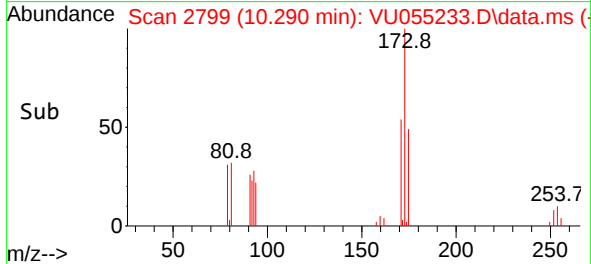
Instrument :
MSVOA_U
ClientSampleId :
VU0911WBS01



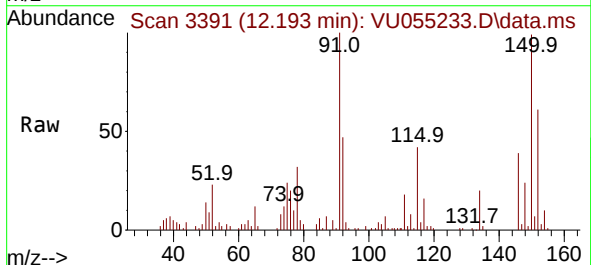
Tgt Ion:173 Resp: 1289
Ion Ratio Lower Upper
173 100
175 47.5 39.0 58.6
254 8.8 7.4 11.0

Manual Integrations
APPROVED

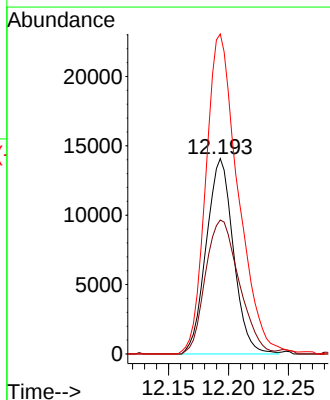
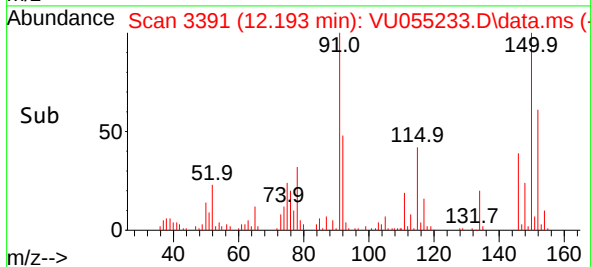
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023

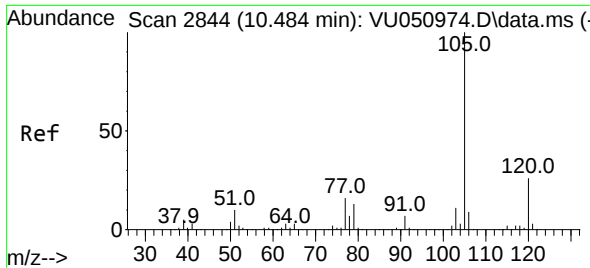


#68
1,2-Dichlorobenzene-d4
Concen: 0.974 ug/l
RT: 12.193 min Scan# 3391
Delta R.T. 0.001 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48



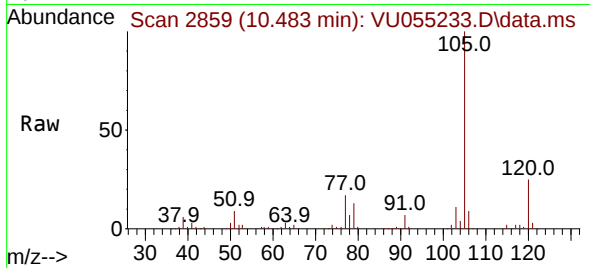
Tgt Ion:152 Resp: 22162
Ion Ratio Lower Upper
152 100
115 85.1 0.0 308.8
150 194.7 0.0 635.0





#69
Isopropylbenzene
Concen: 1.820 ug/l
RT: 10.483 min Scan# 2844
Delta R.T. -0.001 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

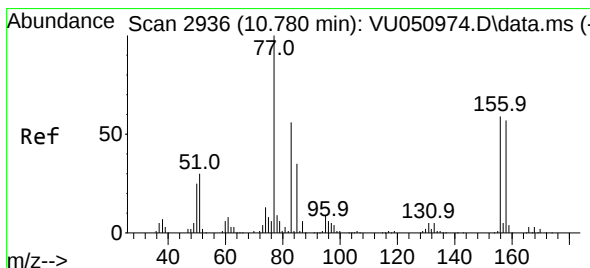
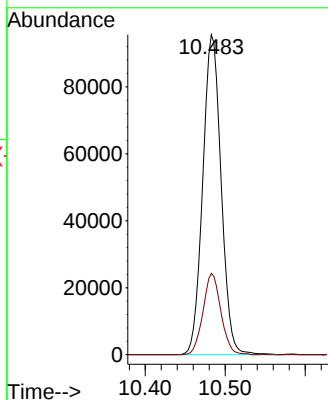
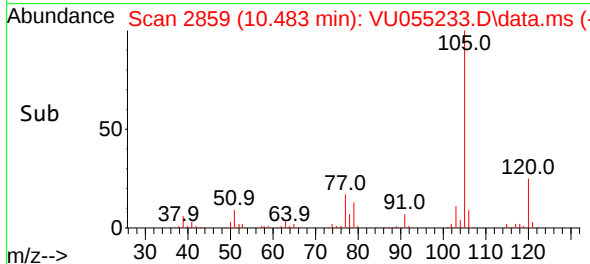
Instrument :
MSVOA_U
ClientSampleId :
VU0911WBS01



Tgt Ion:105 Resp: 152744
Ion Ratio Lower Upper
105 100
120 24.7 12.8 38.4

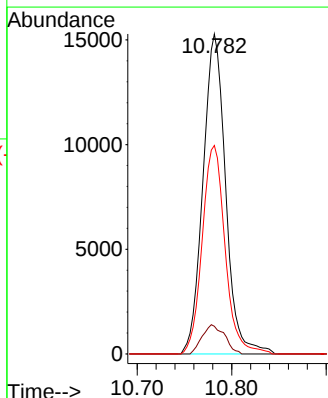
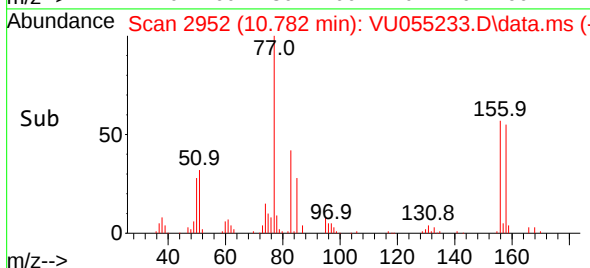
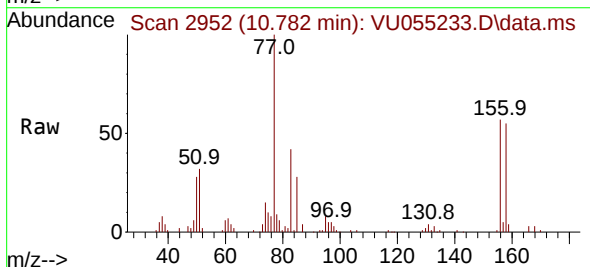
Manual Integrations
APPROVED

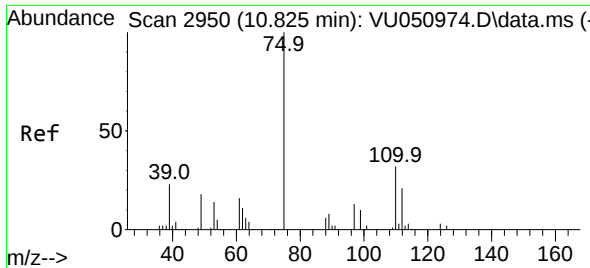
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 1.925 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.002 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

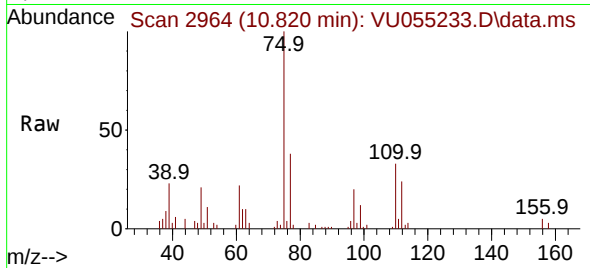
Tgt Ion: 83 Resp: 25450
Ion Ratio Lower Upper
83 100
131 9.1 7.2 10.8
85 65.8 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 1.593 ug/l m
RT: 10.820 min Scan# 2950
Delta R.T. -0.005 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

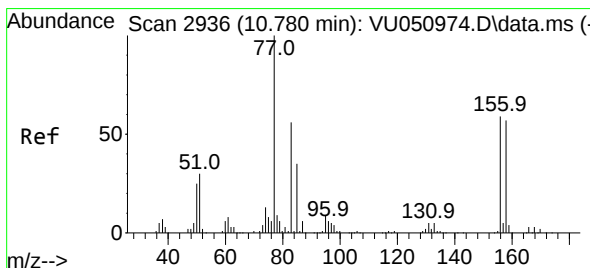
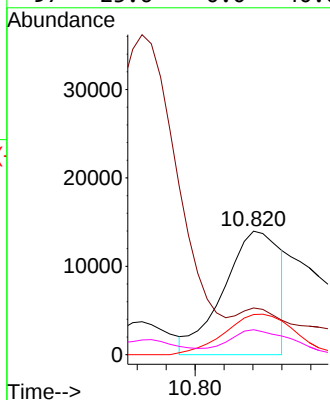
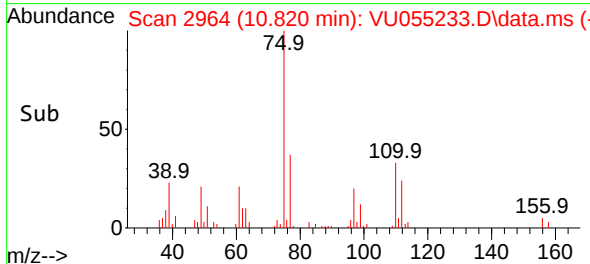
Instrument :
MSVOA_U
ClientSampleId :
VU0911WBS01



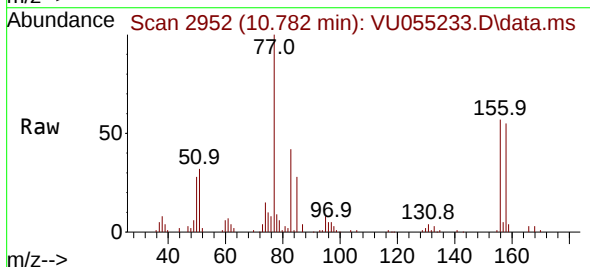
Tgt Ion: 75 Resp: 18829
Ion Ratio Lower Upper
75 100
77 0.0 0.0 116.4
110 41.2 0.0 74.6
97 23.6 0.0 40.0

Manual Integrations
APPROVED

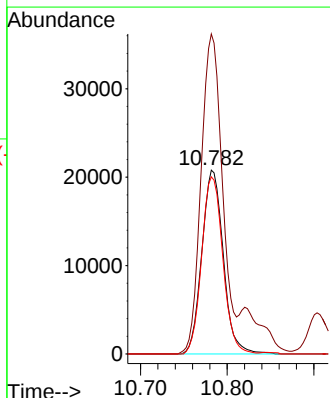
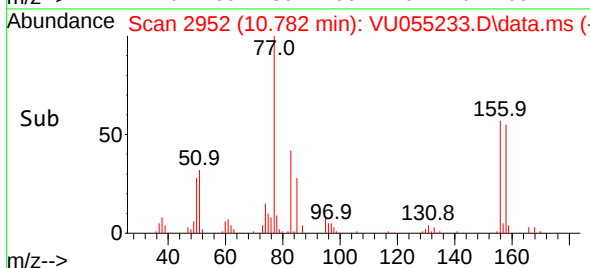
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023

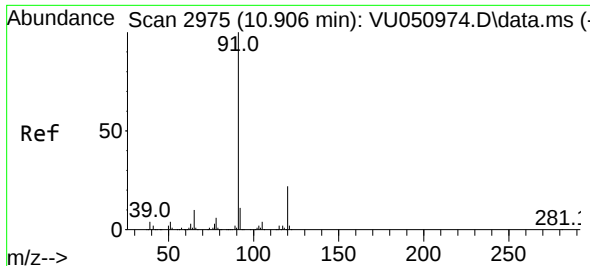


#72
Bromobenzene
Concen: 1.858 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.002 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48



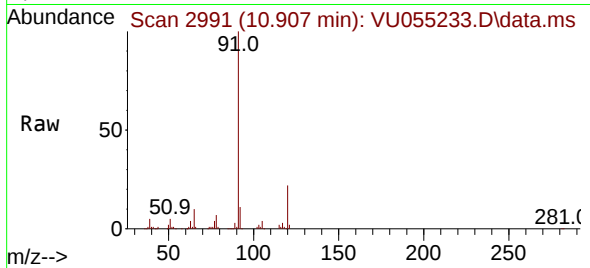
Tgt Ion:156 Resp: 35818
Ion Ratio Lower Upper
156 100
77 171.7 0.0 343.0
158 95.1 0.0 194.8





#73
n-propylbenzene
Concen: 1.740 ug/l
RT: 10.907 min Scan# 2975
Delta R.T. 0.001 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

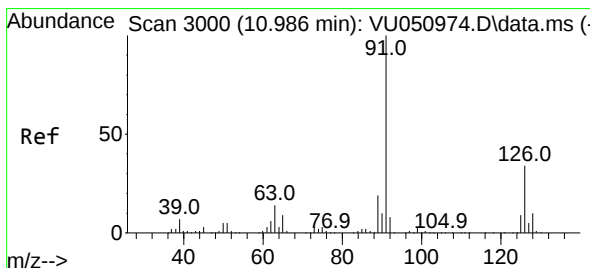
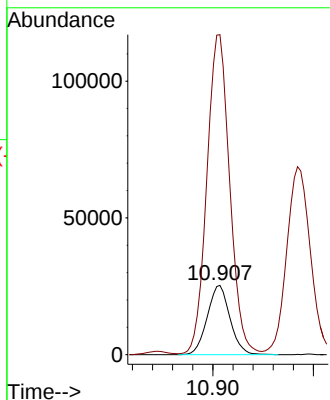
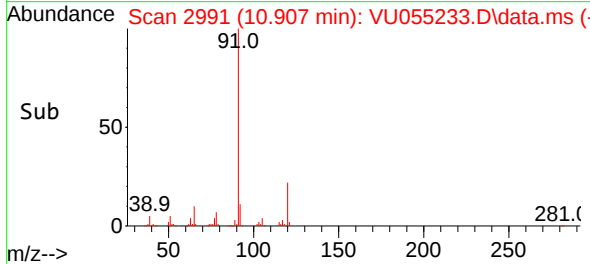
Instrument :
MSVOA_U
ClientSampleId :
VU0911WBS01



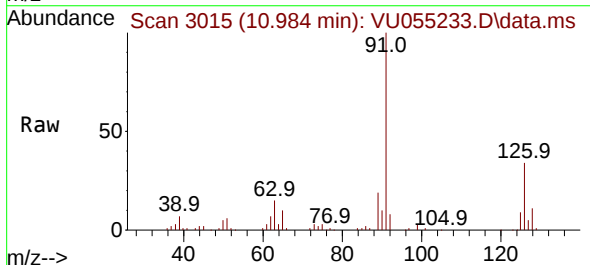
Tgt Ion:120 Resp: 39639
Ion Ratio Lower Upper
120 100
91 462.8 369.8 554.6

Manual Integrations
APPROVED

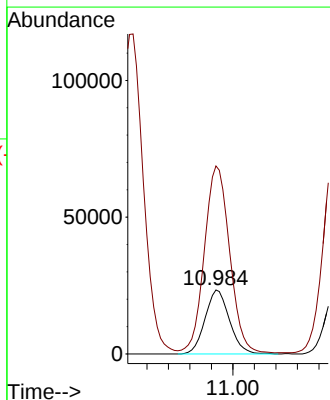
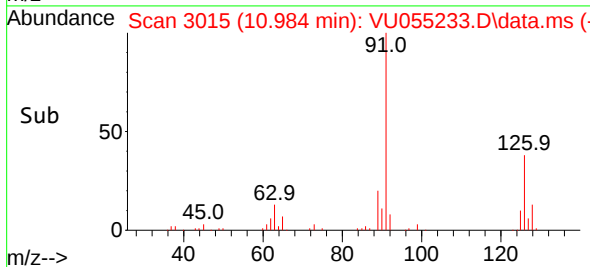
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023

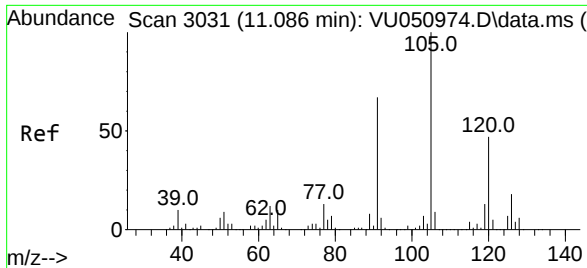


#74
2-Chlorotoluene
Concen: 1.808 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. -0.002 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48



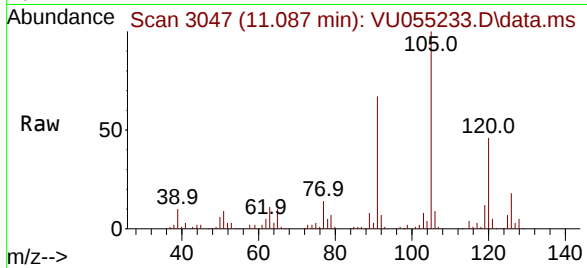
Tgt Ion:126 Resp: 36766
Ion Ratio Lower Upper
126 100
91 303.1 0.0 610.0





#75
1,3,5-Trimethylbenzene
Concen: 1.819 ug/l
RT: 11.087 min Scan# 3031
Delta R.T. 0.001 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

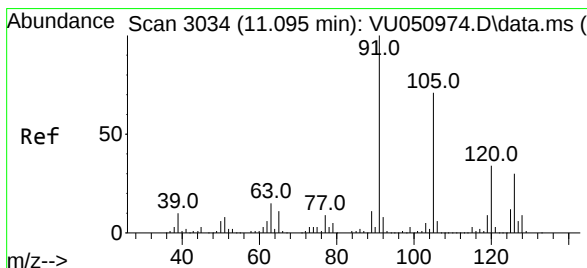
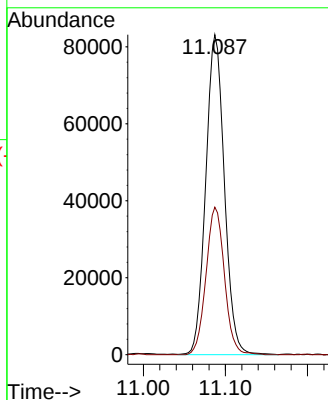
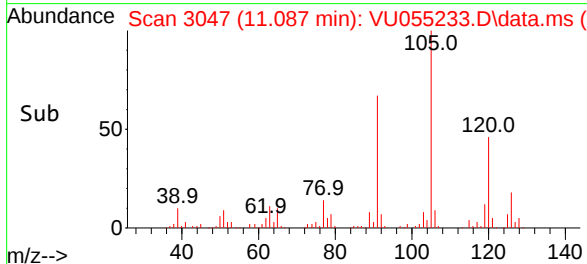
Instrument :
MSVOA_U
ClientSampleId :
VU0911WBS01



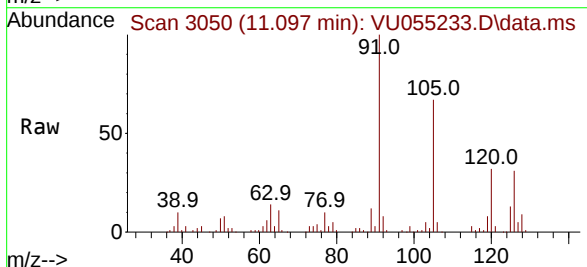
Tgt Ion:105 Resp: 131239
Ion Ratio Lower Upper
105 100
120 45.6 37.8 56.8

Manual Integrations
APPROVED

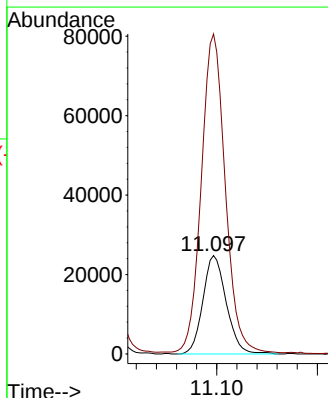
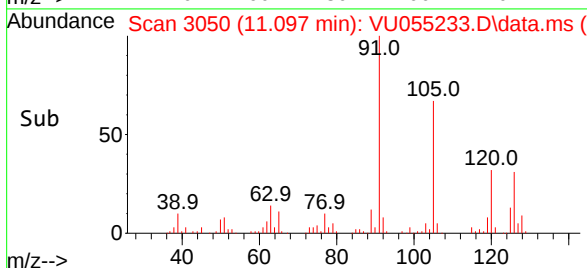
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023

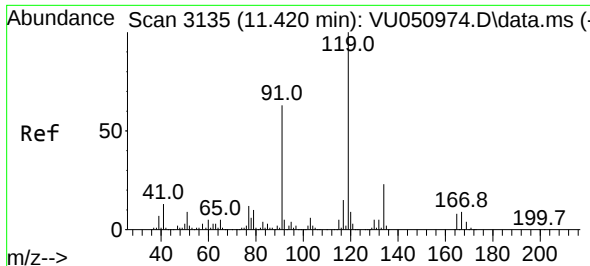


#76
4-Chlorotoluene
Concen: 1.910 ug/l
RT: 11.097 min Scan# 3050
Delta R.T. 0.002 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48



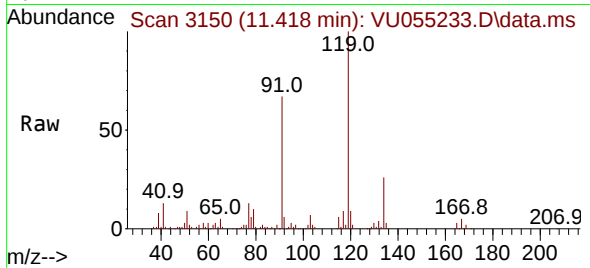
Tgt Ion:126 Resp: 39894
Ion Ratio Lower Upper
126 100
91 331.4 0.0 686.2





#77
tert-Butylbenzene
Concen: 1.813 ug/l
RT: 11.418 min Scan# 3115
Delta R.T. -0.002 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

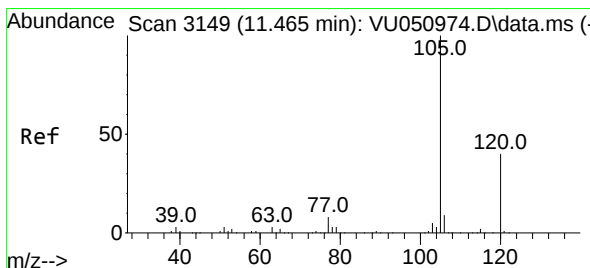
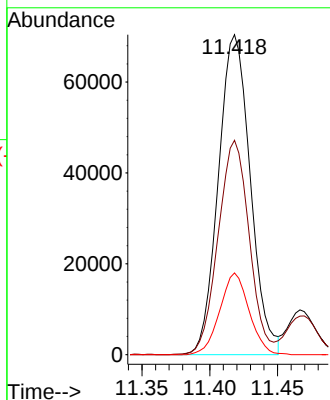
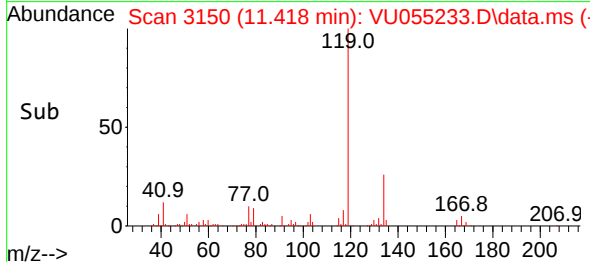
Instrument :
MSVOA_U
ClientSampleId :
VU0911WBS01



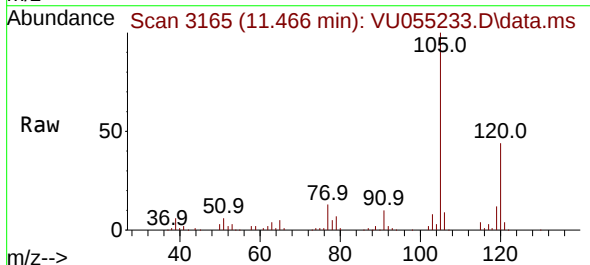
Tgt Ion:119 Resp: 115672
Ion Ratio Lower Upper
119 100
91 65.3 30.8 92.4
134 23.4 18.0 27.0

Manual Integrations
APPROVED

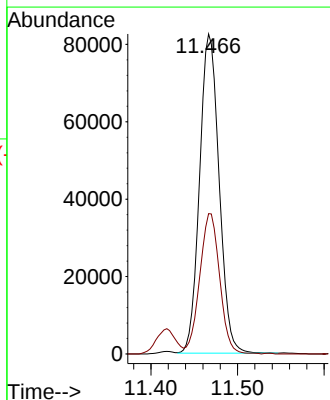
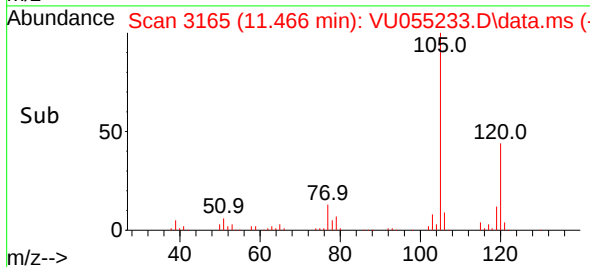
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023

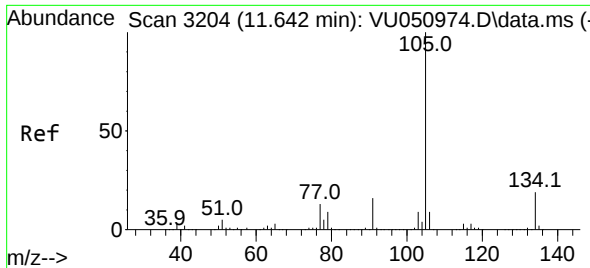


#78
1,2,4-Trimethylbenzene
Concen: 1.767 ug/l
RT: 11.466 min Scan# 3165
Delta R.T. 0.001 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48



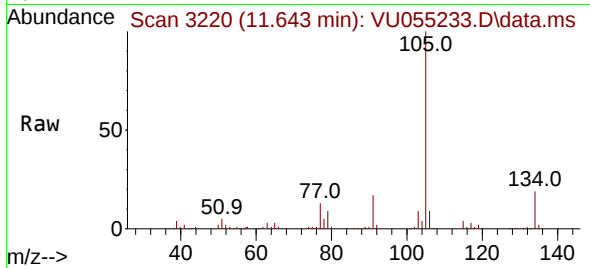
Tgt Ion:105 Resp: 129211
Ion Ratio Lower Upper
105 100
120 45.0 21.9 65.8





#79
 sec-Butylbenzene
 Concen: 1.793 ug/l
 RT: 11.643 min Scan# 31
 Delta R.T. 0.001 min
 Lab File: VU055233.D
 Acq: 11 Sep 2023 13:48

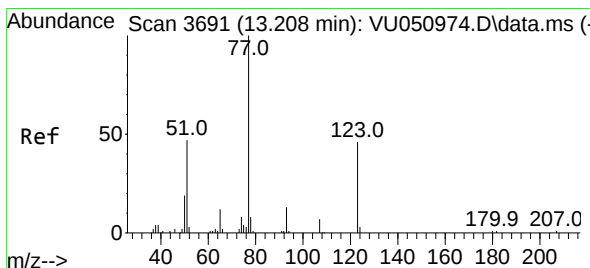
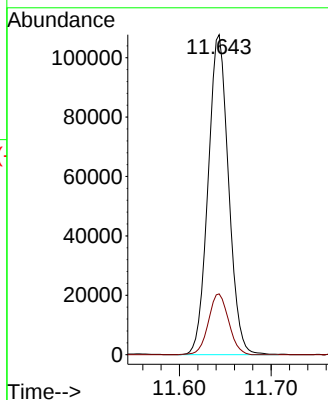
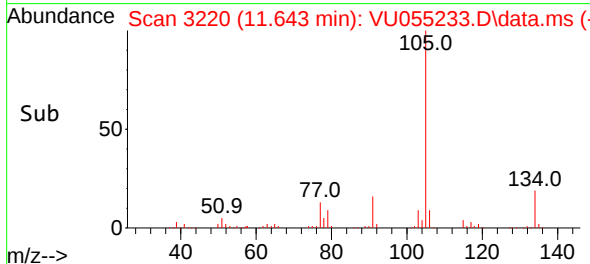
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0911WBS01



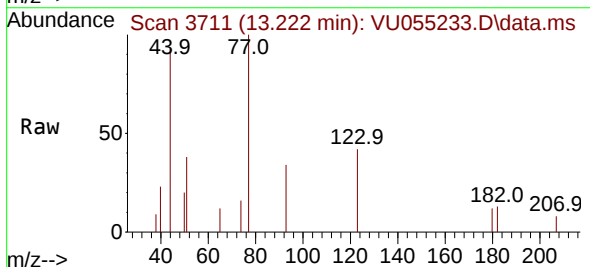
Tgt Ion:105 Resp: 16655
 Ion Ratio Lower Upper
 105 100
 134 18.8 14.9 22.3

Manual Integrations
 APPROVED

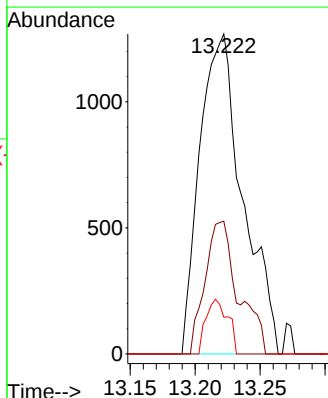
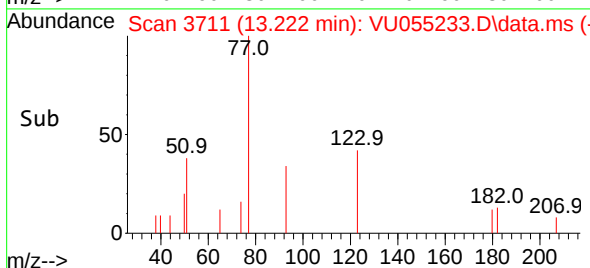
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/21/2023

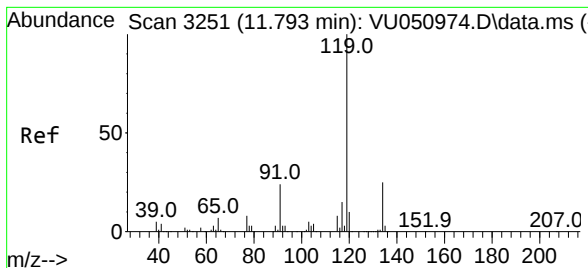


#80
 Nitrobenzene
 Concen: 9.218 ug/l
 RT: 13.222 min Scan# 3711
 Delta R.T. 0.014 min
 Lab File: VU055233.D
 Acq: 11 Sep 2023 13:48



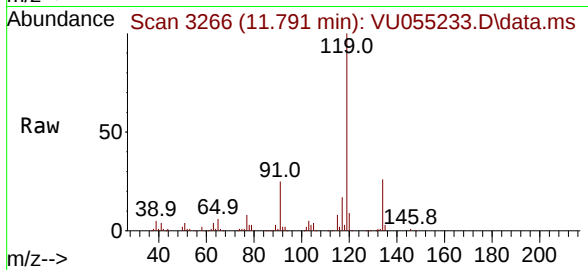
Tgt Ion: 77 Resp: 2915
 Ion Ratio Lower Upper
 77 100
 123 32.3 19.7 69.7
 65 8.7 11.5 14.7#





#81
p-Isopropyltoluene
Concen: 1.742 ug/l
RT: 11.791 min Scan# 31
Delta R.T. -0.002 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

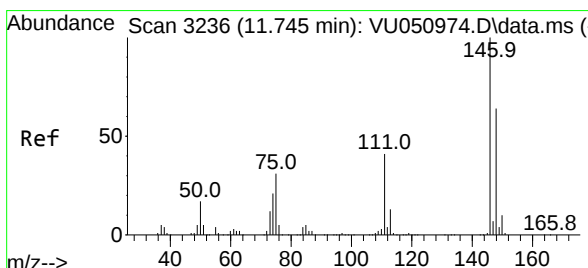
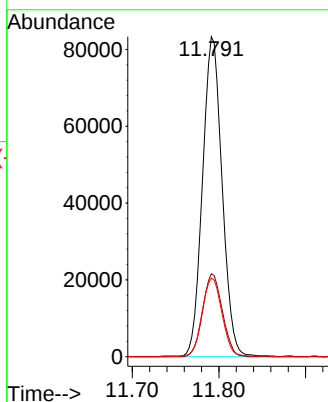
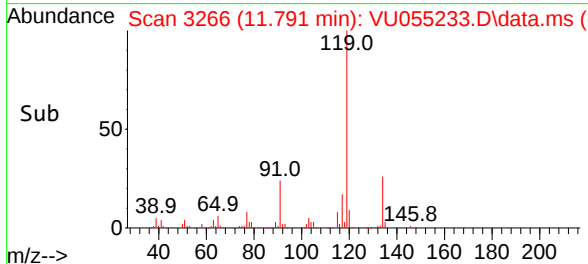
Instrument :
MSVOA_U
ClientSampleId :
VU0911WBS01



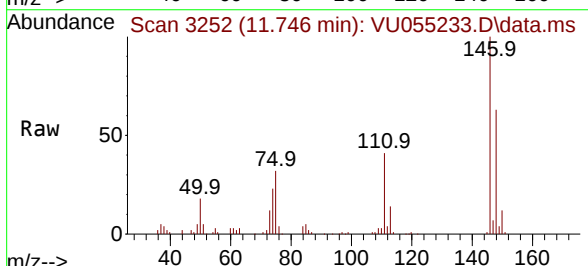
Tgt Ion:119 Resp: 130668
Ion Ratio Lower Upper
119 100
134 25.9 20.2 30.4
91 25.0 19.3 28.9

Manual Integrations
APPROVED

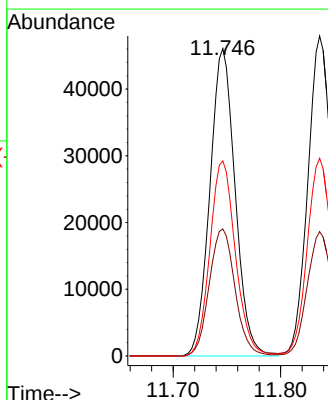
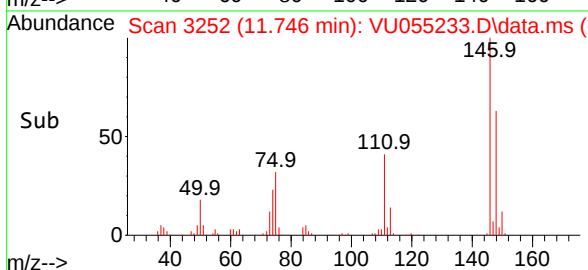
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023

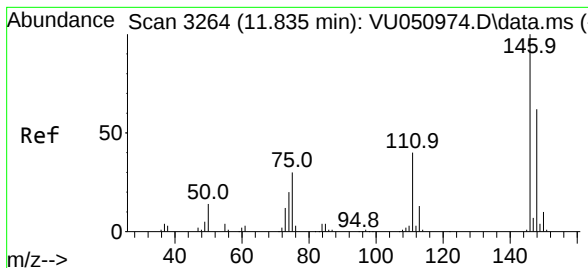


#82
1,3-Dichlorobenzene
Concen: 1.821 ug/l
RT: 11.746 min Scan# 3252
Delta R.T. 0.001 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48



Tgt Ion:146 Resp: 75336
Ion Ratio Lower Upper
146 100
111 42.2 32.6 49.0
148 64.2 51.0 76.4





#83

1,4-Dichlorobenzene

Concen: 1.869 ug/l

RT: 11.836 min Scan# 31

Delta R.T. 0.001 min

Lab File: VU055233.D

Acq: 11 Sep 2023 13:48

Instrument :

MSVOA_U

ClientSampleId :

VU0911WBS01

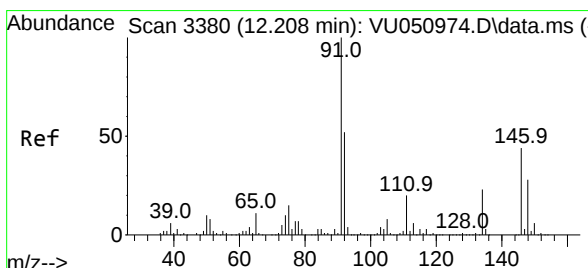
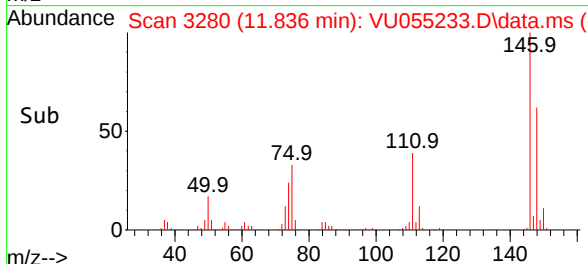
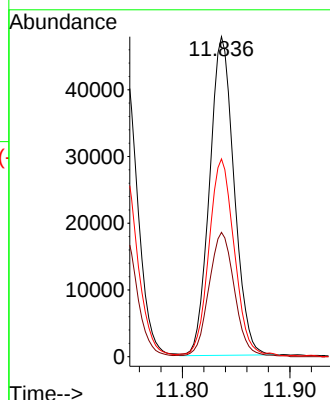
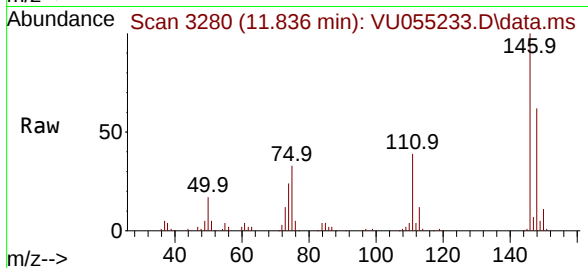
Tgt Ion:	146	Resp:	7575
Ion Ratio	Lower	Upper	
146	100		
111	40.8	31.6	47.4
148	64.0	50.3	75.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/21/2023



#84

n-Butylbenzene

Concen: 1.698 ug/l

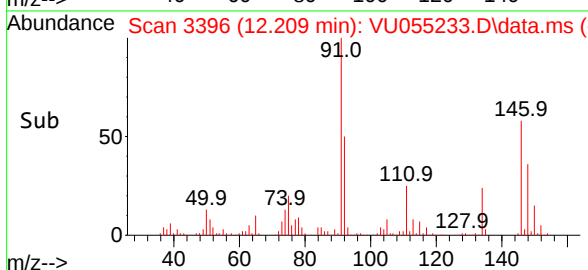
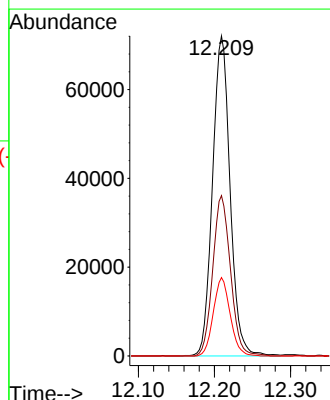
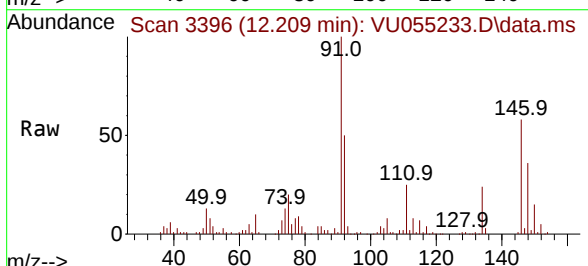
RT: 12.209 min Scan# 3396

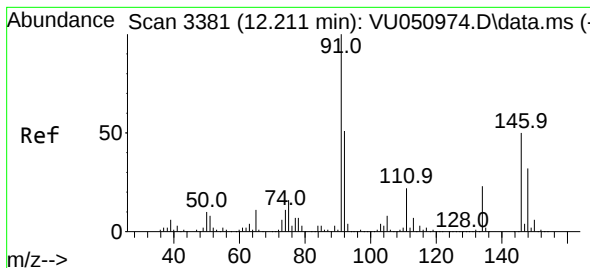
Delta R.T. 0.001 min

Lab File: VU055233.D

Acq: 11 Sep 2023 13:48

Tgt Ion:	91	Resp:	115763
Ion Ratio	Lower	Upper	
91	100		
92	50.6	40.8	61.2
134	23.5	18.4	27.6





#85

1,2-Dichlorobenzene

Concen: 1.886 ug/l

RT: 12.212 min Scan# 31

Delta R.T. 0.001 min

Lab File: VU055233.D

Acq: 11 Sep 2023 13:48

Instrument :

MSVOA_U

ClientSampleId :

VU0911WBS01

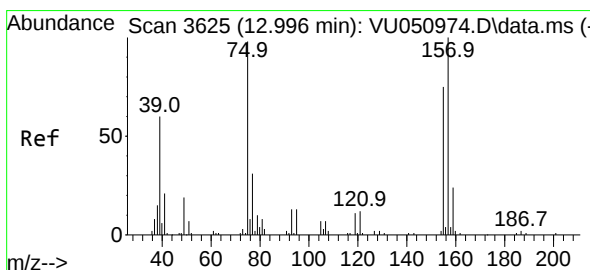
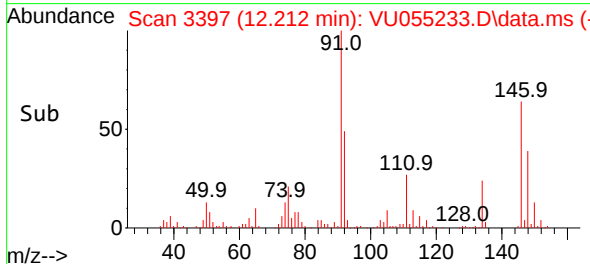
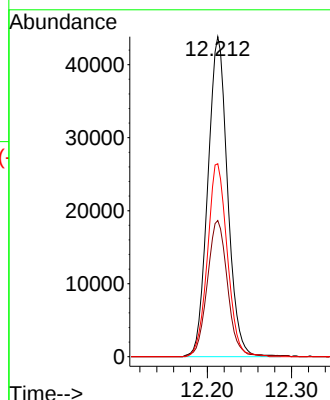
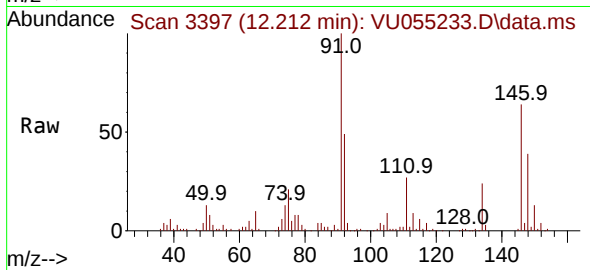
Tgt Ion:	146	Resp:	71554
Ion Ratio	Lower	Upper	
146	100		
111	43.5	21.6	64.6
148	60.5	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/21/2023



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.831 ug/l

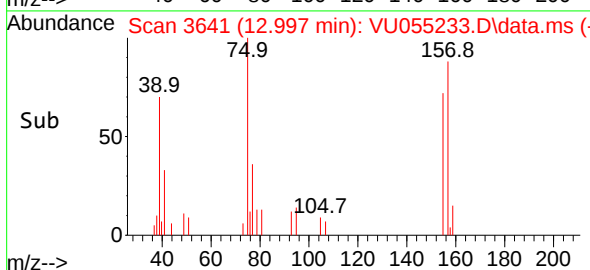
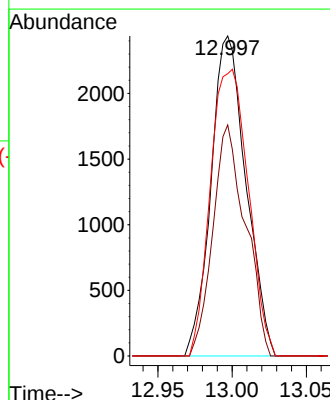
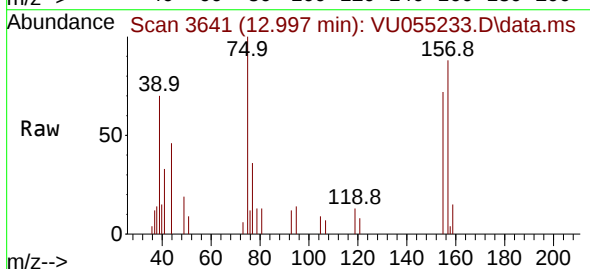
RT: 12.997 min Scan# 3641

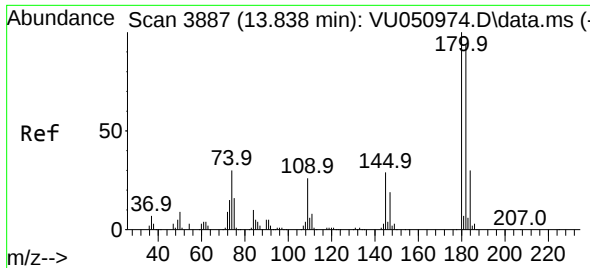
Delta R.T. 0.001 min

Lab File: VU055233.D

Acq: 11 Sep 2023 13:48

Tgt Ion:	75	Resp:	4004
Ion Ratio	Lower	Upper	
75	100		
155	67.3	61.8	92.8
157	96.9	80.2	120.4





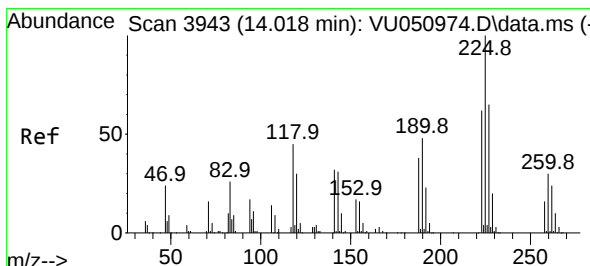
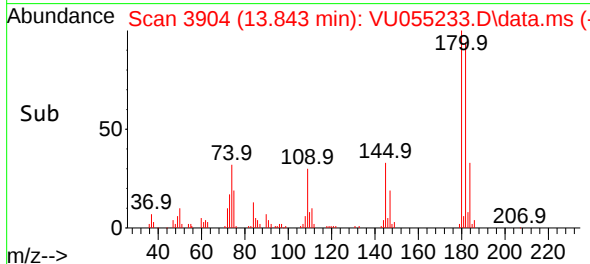
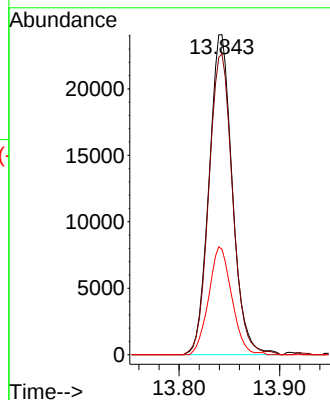
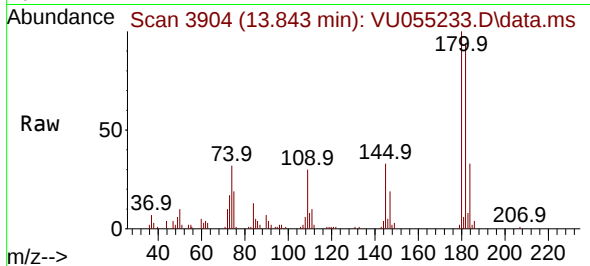
#87
1,2,4-Trichlorobenzene
Concen: 1.770 ug/l
RT: 13.843 min Scan# 3904
Delta R.T. 0.005 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

Instrument :
MSVOA_U
ClientSampleId :
VU0911WBS01

Tgt Ion:180 Resp: 3873
Ion Ratio Lower Upper
180 100
182 95.7 75.8 113.6
145 33.4 23.9 35.9

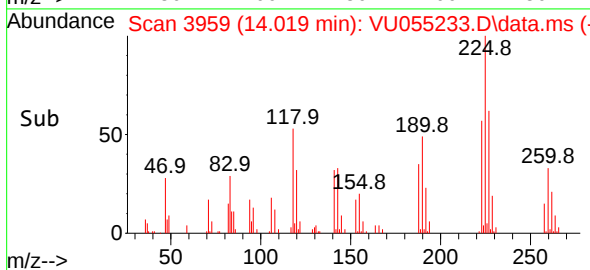
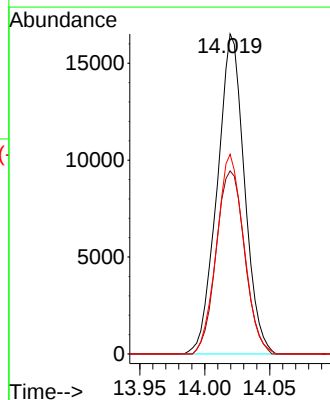
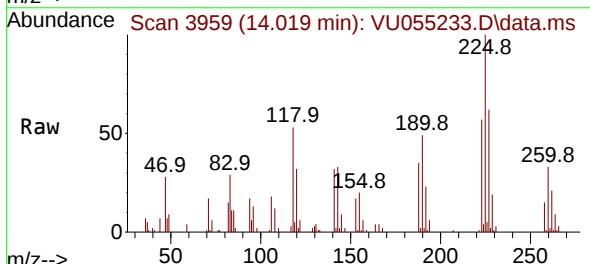
Manual Integrations
APPROVED

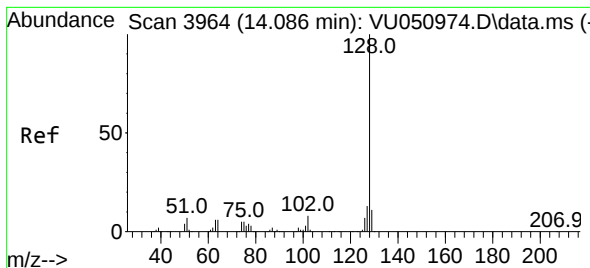
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#88
Hexachlorobutadiene
Concen: 1.721 ug/l
RT: 14.019 min Scan# 3959
Delta R.T. 0.001 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

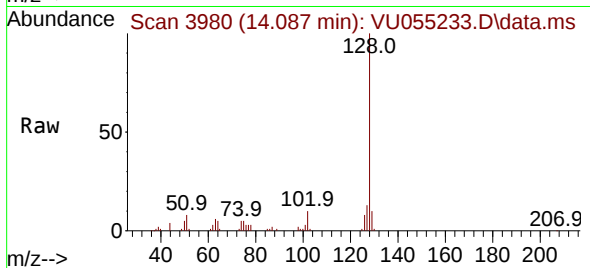
Tgt Ion:225 Resp: 24079
Ion Ratio Lower Upper
225 100
223 59.8 50.2 75.4
227 62.1 51.5 77.3





#89
Naphthalene
Concen: 1.993 ug/l
RT: 14.087 min Scan# 3964
Delta R.T. 0.001 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48

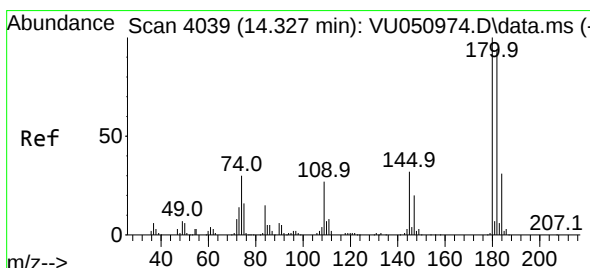
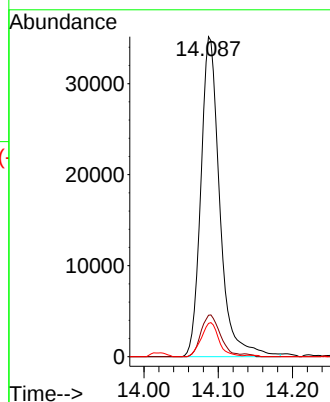
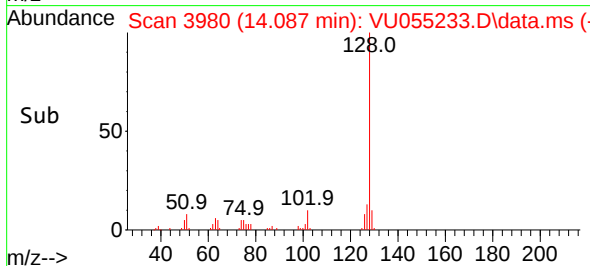
Instrument :
MSVOA_U
ClientSampleId :
VU0911WBS01



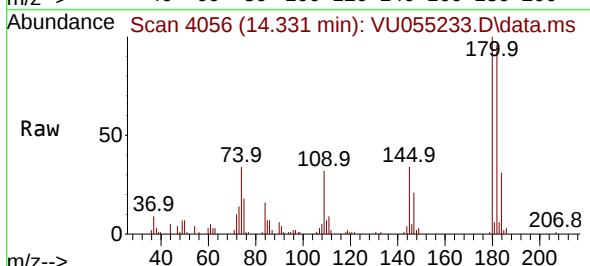
Tgt Ion:128 Resp: 62279
Ion Ratio Lower Upper
128 100
127 13.5 10.9 16.3
129 10.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/21/2023



#90
1,2,3-Trichlorobenzene
Concen: 1.777 ug/l
RT: 14.331 min Scan# 4056
Delta R.T. 0.004 min
Lab File: VU055233.D
Acq: 11 Sep 2023 13:48



Tgt Ion:180 Resp: 33712
Ion Ratio Lower Upper
180 100
182 96.1 75.7 113.5
145 34.3 26.1 39.1

