

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020524\
 Data File : VU057810.D
 Acq On : 05 Feb 2024 17:44
 Operator : MD/SY
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU020524

Quant Time: Feb 06 03:19:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U020524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 06 02:05:40 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/14/2024
 Supervised By : Mahesh Dadoda 02/14/2024

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

Internal Standards						
1) Fluorobenzene	6.106	96	42983	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	15835	1.004	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	13367	0.958	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	84703	6.026	ug/l	99
3) Chloromethane	1.518	50	105499	7.819	ug/l	99
4) Vinyl Chloride	1.599	62	118975	8.540	ug/l	100
5) Bromomethane	1.853	94	74335	8.836	ug/l	99
6) Chloroethane	1.927	64	86511	9.646	ug/l	97
7) Trichlorofluoromethane	2.132	101	192157	9.107	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	108799	10.312	ug/l	98
9) 1,1-Dichloroethene	2.573	96	102900	9.946	ug/l	98
10) Iodomethane	2.714	142	158734	9.542	ug/l	93
11) Allyl Chloride	2.914	41	174470	11.051	ug/l	94
12) Acrylonitrile	3.312	53	108900	49.874	ug/l	94
13) Acetone	2.634	43	92657	21.665	ug/l	94
14) Carbon Disulfide	2.785	76	308513	9.328	ug/l	100
15) Methylene Chloride	3.036	84	122986	9.258	ug/l	96
16) trans-1,2-Dichloroethene	3.341	96	112070	9.980	ug/l	93
17) 1,1-Dichloroethane	3.856	63	234346	10.387	ug/l	98
18) 2-Butanone	4.717	43	142773	33.298	ug/l	97
19) Cyclohexane	5.370	56	174991	9.871	ug/l	96
20) Methylcyclohexane	6.753	83	207932	10.133	ug/l	97
21) 2,2-Dichloropropane	4.653	77	198223	9.757	ug/l	96
22) cis-1,2-Dichloroethene	4.656	96	132508	10.718	ug/l	91
23) Diethyl Ether	2.370	59	77413	9.697	ug/l	98
24) tert-Butyl Alcohol	3.235	59	34787	60.060	ug/l #	1
25) Methyl tert-Butyl Ether	3.357	73	272305	10.336	ug/l	94
26) Bromochloromethane	4.965	128	41775	8.681	ug/l	87
27) Chloroform	5.078	83	233958	10.395	ug/l	96
28) 1,1,1-Trichloroethane	5.303	97	204914	10.053	ug/l	99
29) 1,1-Dichloropropene	5.515	75	172616	10.306	ug/l	97
30) Carbon Tetrachloride	5.512	117	181499	10.391	ug/l	100
31) Isopropyl Ether	3.991	45	373075	10.771	ug/l #	1
34) Propionitrile	4.791	54	86930	108.635	ug/l #	15
35) Benzene	5.762	78	495832	10.336	ug/l	99
36) 1,2-Dichloroethane	5.788	62	144506	10.303	ug/l	98
37) Trichloroethene	6.534	130	125487	10.159	ug/l	100
38) 1,2-Dichloropropane	6.785	63	130472	10.284	ug/l	99
39) Methacrylonitrile	4.971	41	38827	11.134	ug/l	93
40) Methyl acrylate	4.846	55	64194	11.052	ug/l #	93
41) Tetrahydrofuran	5.065	42	91450	52.632	ug/l	94
42) 1-Chlorobutane	5.444	56	233192	10.487	ug/l	97
43) Dibromomethane	6.914	93	63678	10.932	ug/l	97
44) Bromodichloromethane	7.100	83	171227	10.815	ug/l	97
45) 4-Methyl-2-Pentanone	7.795	43	333725	51.254	ug/l	98
46) t-1,4-Dichloro-2-butene	10.836	75	19068m	10.919	ug/l	

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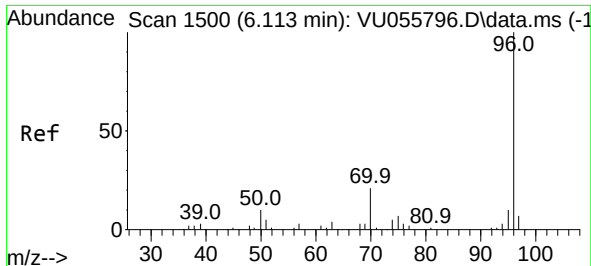
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Methyl methacrylate	6.965	69	55460	10.386	ug/l	94
48) Ethyl methacrylate	8.331	69	115196	10.754	ug/l	98
49) Toluene	7.962	92	310201	10.695	ug/l	96
50) t-1,3-Dichloropropene	8.206	75	156417	10.864	ug/l	99
51) cis-1,3-Dichloropropene	7.602	75	192673	10.728	ug/l	95
52) 1,1,2-Trichloroethane	8.396	97	85956	10.722	ug/l	98
53) 1,3-Dichloropropane	8.569	76	151757	10.426	ug/l	99
54) 2-Hexanone	8.685	43	237476	37.667	ug/l	98
55) Dibromochloromethane	8.804	129	100528	10.496	ug/l	99
56) 1,2-Dibromoethane	8.920	107	81032	10.789	ug/l	99
58) Tetrachloroethene	8.547	164	111774	10.432	ug/l	96
59) Chlorobenzene	9.441	112	320582	10.051	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.528	131	116830	10.685	ug/l	98
61) Pentachloroethane	11.421	117	87699	10.879	ug/l	91
62) Hexachloroethane	12.470	117	100012	10.705	ug/l	96
63) Ethyl Benzene	9.566	91	615684	10.727	ug/l	99
64) m/p-Xylenes	9.688	106	458985	21.825	ug/l	97
65) o-Xylene	10.093	106	223448	10.696	ug/l	96
66) Styrene	10.110	104	364431	11.295	ug/l	96
67) Bromoform	10.286	173	53945	11.193	ug/l	100
69) Isopropylbenzene	10.479	105	598117	10.790	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.778	83	102407	10.608	ug/l	99
71) 1,2,3-Trichloropropane	10.817	75	79015m	9.262	ug/l	
72) Bromobenzene	10.778	156	127388	10.728	ug/l	98
73) n-propylbenzene	10.901	120	158784	10.981	ug/l	98
74) 2-Chlorotoluene	10.981	126	136398	10.798	ug/l	97
75) 1,3,5-Trimethylbenzene	11.084	105	513614	10.964	ug/l	100
76) 4-Chlorotoluene	11.093	126	135740	10.672	ug/l	91
77) tert-Butylbenzene	11.415	119	481951	10.676	ug/l	97
78) 1,2,4-Trimethylbenzene	11.463	105	505889	10.676	ug/l	99
79) sec-Butylbenzene	11.637	105	646181	10.839	ug/l	99
80) Nitrobenzene	13.206	77	3253	11.896	ug/l #	76
81) p-Isopropyltoluene	11.788	119	533377	10.882	ug/l	99
82) 1,3-Dichlorobenzene	11.740	146	250115	10.537	ug/l	98
83) 1,4-Dichlorobenzene	11.830	146	251740	10.705	ug/l	98
84) n-Butylbenzene	12.203	91	508205	10.865	ug/l	98
85) 1,2-Dichlorobenzene	12.206	146	228883	10.382	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.990	75	17101	10.609	ug/l	93
87) 1,2,4-Trichlorobenzene	13.836	180	148461	11.030	ug/l	98
88) Hexachlorobutadiene	14.016	225	83706	9.924	ug/l	99
89) Naphthalene	14.084	128	253947	10.775	ug/l	99
90) 1,2,3-Trichlorobenzene	14.325	180	125930	10.904	ug/l	98

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



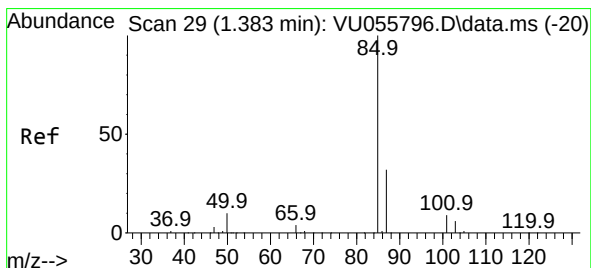
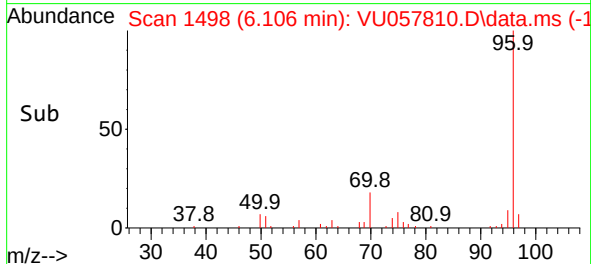
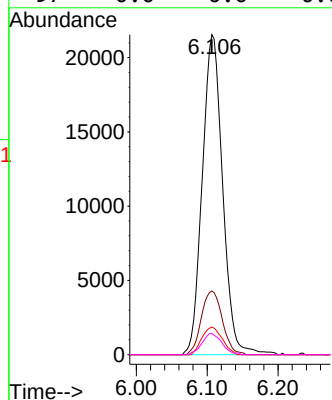
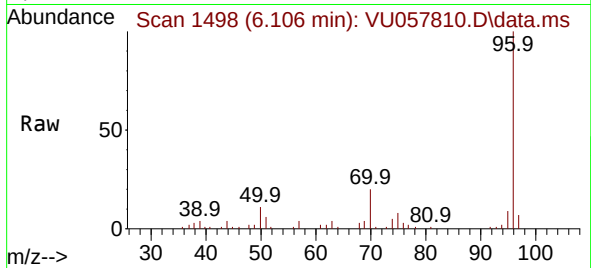
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.106 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

Instrument :
MSVOA_U
ClientSampleId :
ICVVU020524

Tgt Ion: 96 Resp: 4298
Ion Ratio Lower Upper
96 100
70 20.5 16.5 24.7
95 8.6 7.4 11.0
97 0.0 0.0 0.0

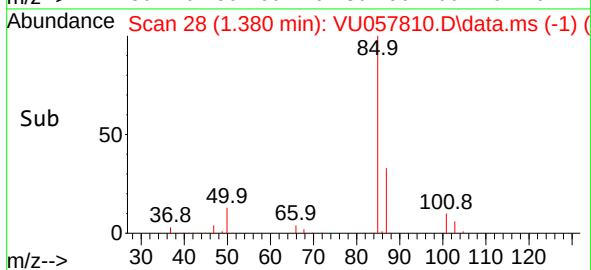
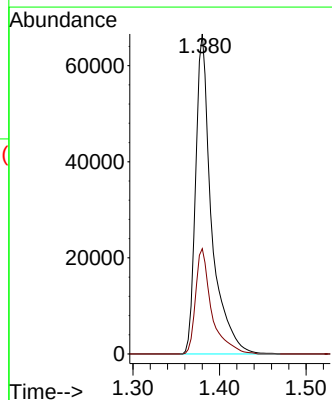
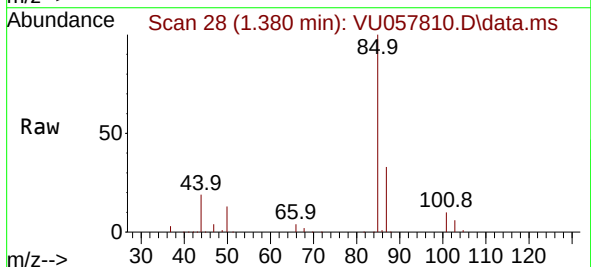
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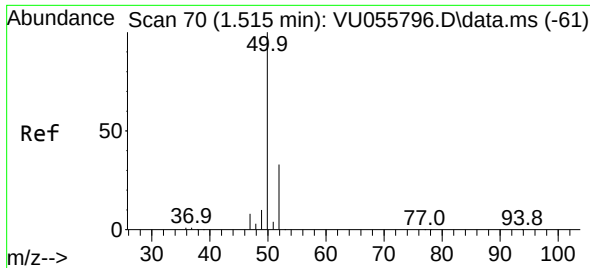
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#2
Dichlorodifluoromethane
Concen: 6.026 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

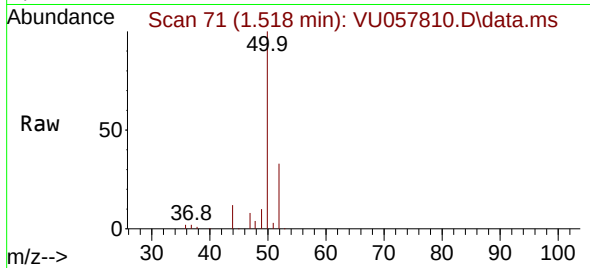
Tgt Ion: 85 Resp: 84703
Ion Ratio Lower Upper
85 100
87 32.9 16.2 48.6





#3
Chloromethane
Concen: 7.819 ug/l
RT: 1.518 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

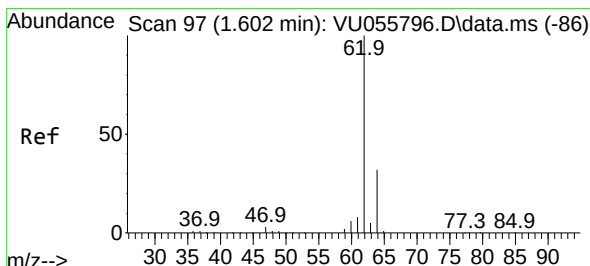
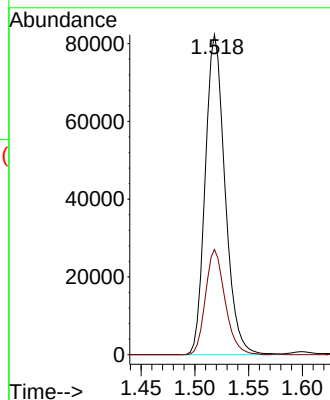
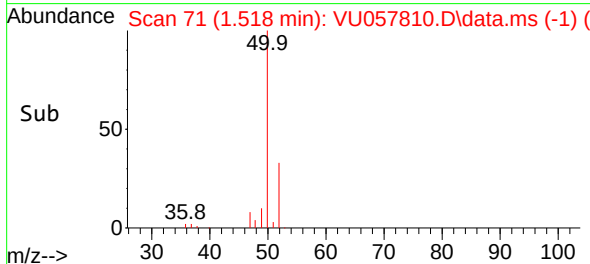
Instrument :
MSVOA_U
ClientSampleId :
ICVVU020524



Tgt Ion: 50 Resp: 105499
Ion Ratio Lower Upper
50 100
52 32.9 26.6 40.0

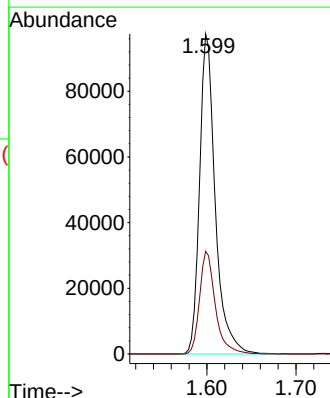
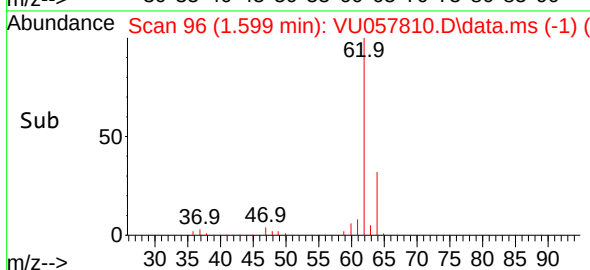
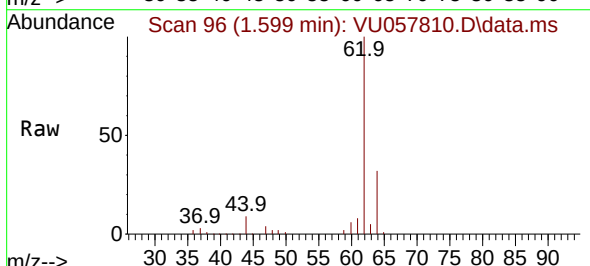
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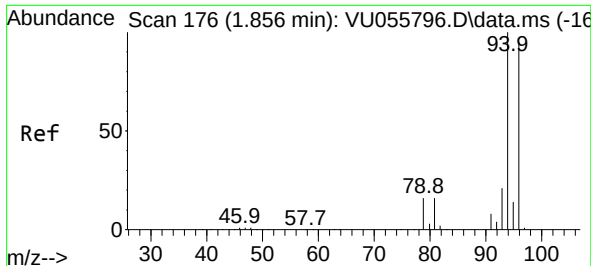
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#4
Vinyl Chloride
Concen: 8.540 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

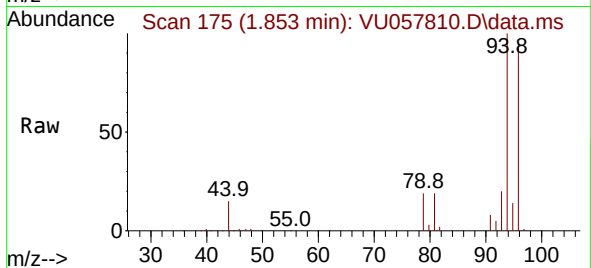
Tgt Ion: 62 Resp: 118975
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.2





#5
Bromomethane
Concen: 8.836 ug/l
RT: 1.853 min Scan# 175
Delta R.T. -0.003 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

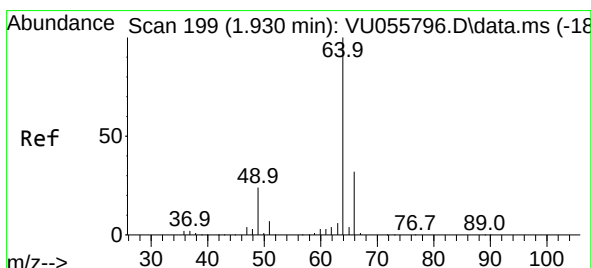
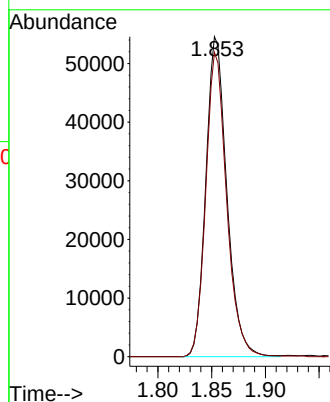
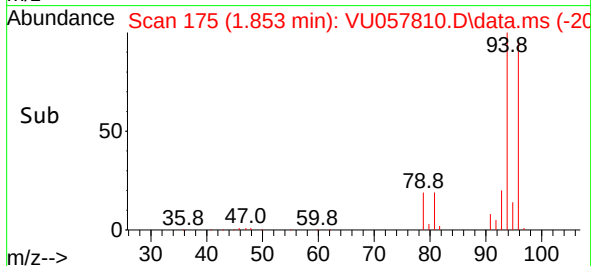
Instrument :
MSVOA_U
ClientSampleId :
ICVVU020524



Tgt Ion: 94 Resp: 74335
Ion Ratio Lower Upper
94 100
96 95.1 75.4 113.2

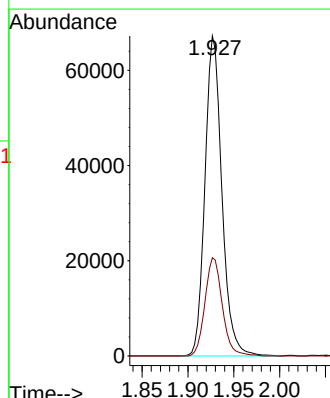
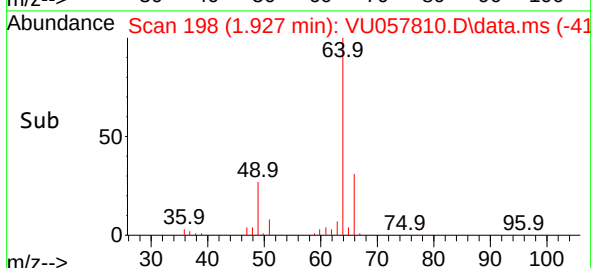
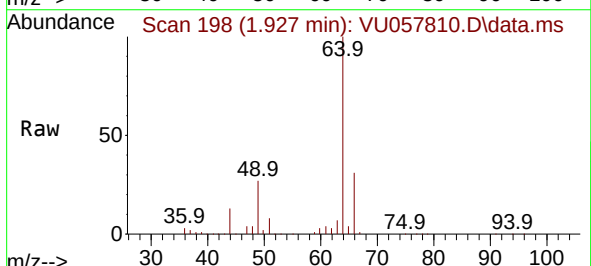
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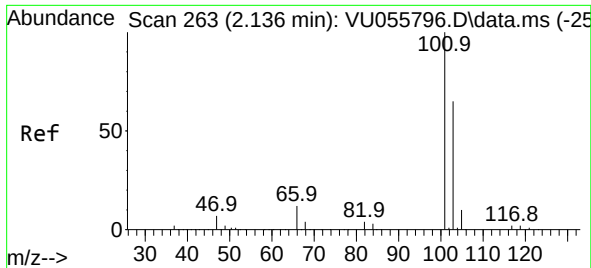
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#6
Chloroethane
Concen: 9.646 ug/l
RT: 1.927 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

Tgt Ion: 64 Resp: 86511
Ion Ratio Lower Upper
64 100
66 30.7 26.0 39.0





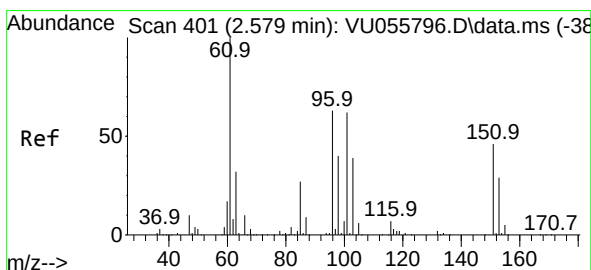
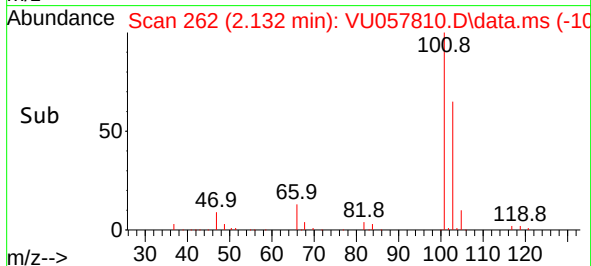
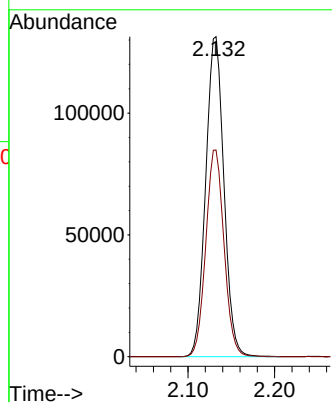
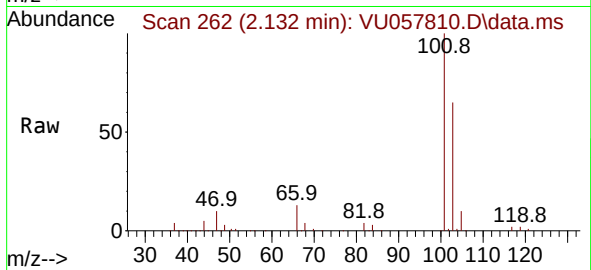
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Trichlorofluoromethane
Concen: 9.107 ug/l
RT: 2.132 min Scan# 20
Delta R.T. 0.016 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

Instrument :
MSVOA_U
ClientSampleId :
ICVVU020524

Tgt Ion:101 Resp: 19215
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.0

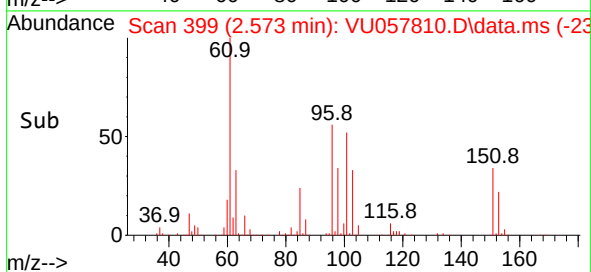
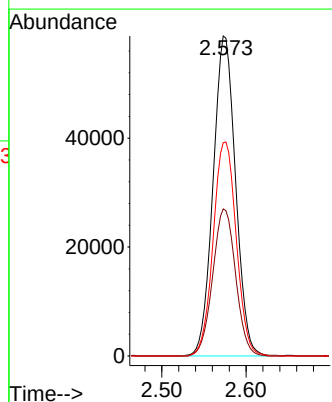
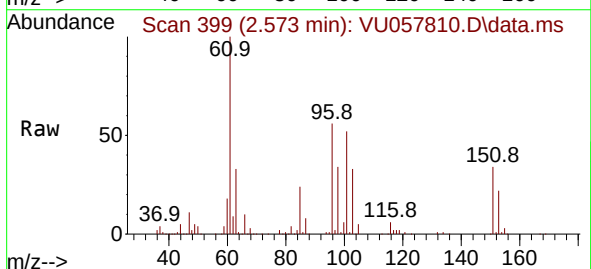
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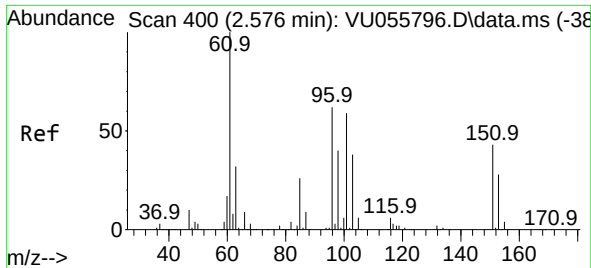
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.312 ug/l
RT: 2.573 min Scan# 399
Delta R.T. 0.013 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

Tgt Ion:101 Resp: 108799
Ion Ratio Lower Upper
101 100
85 46.9 35.4 53.0
151 68.6 54.0 81.0





#9
1,1-Dichloroethene
Concen: 9.946 ug/l
RT: 2.573 min Scan# 399
Delta R.T. 0.013 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

Instrument :

MSVOA_U

ClientSampleId :

ICVVU020524

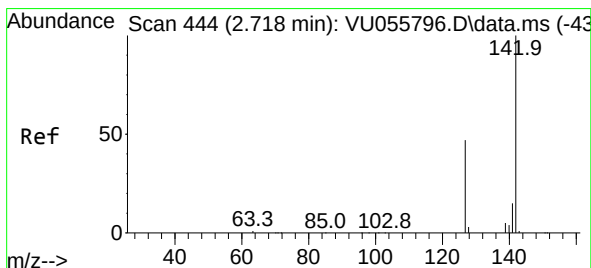
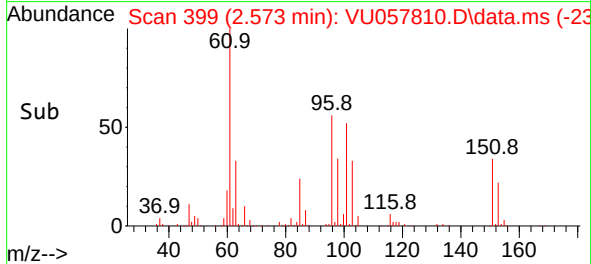
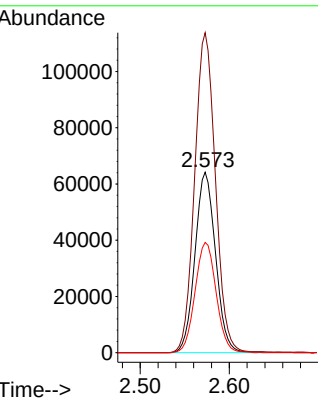
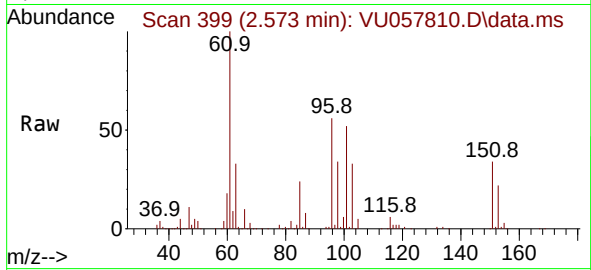
Tgt Ion: 96 Resp: 102900
Ion Ratio Lower Upper
96 100
61 177.4 0.0 521.4
98 61.1 0.0 125.8

Manual Integrations

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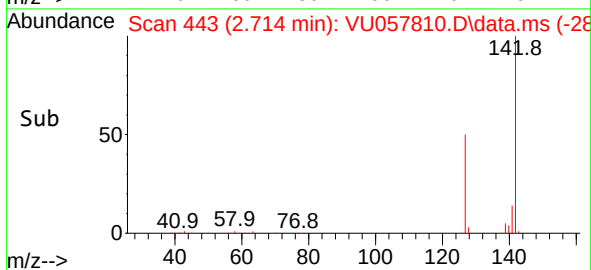
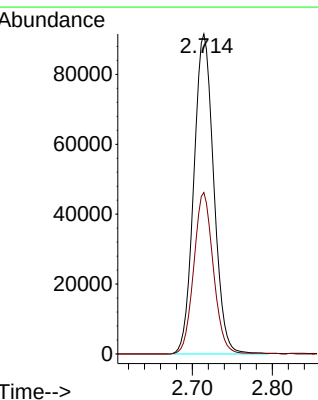
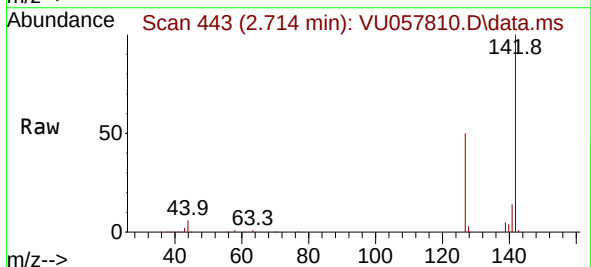
Reviewed By :John Carlone 02/14/2024

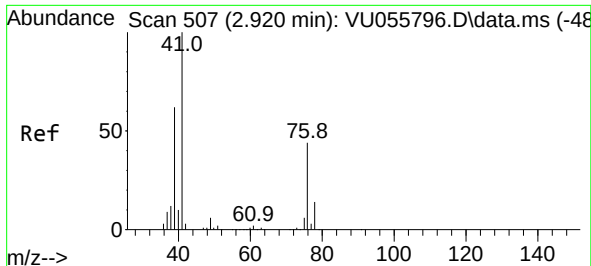
Supervised By :Mahesh Dadoda 02/14/2024



#10
Iodomethane
Concen: 9.542 ug/l
RT: 2.714 min Scan# 443
Delta R.T. 0.013 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

Tgt Ion:142 Resp: 158734
Ion Ratio Lower Upper
142 100
127 49.5 35.9 53.9





#11

Allyl Chloride

Concen: 11.051 ug/l

RT: 2.914 min Scan# 507

Delta R.T. 0.010 min

Lab File: VU057810.D

Acq: 05 Feb 2024 17:44

Instrument :

MSVOA_U

ClientSampleId :

ICVVU020524

Tgt Ion: 41 Resp: 174470

Ion Ratio Lower Upper

41 100

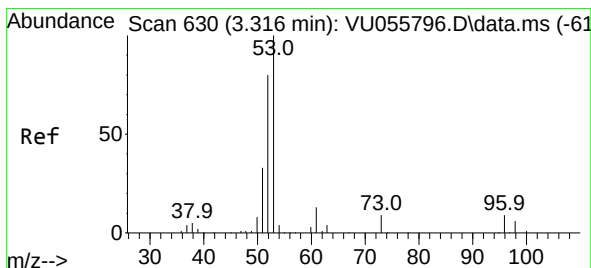
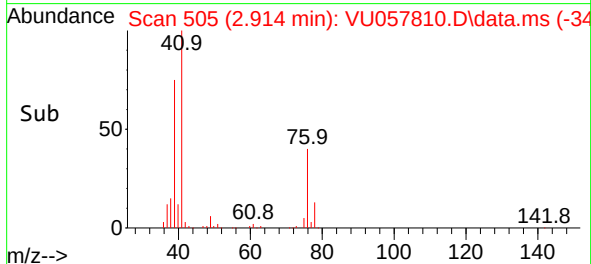
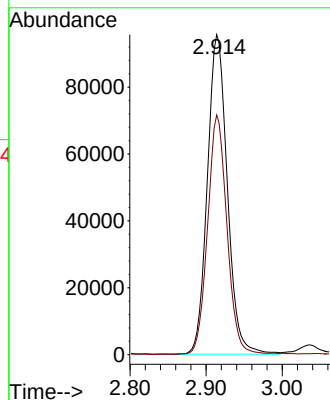
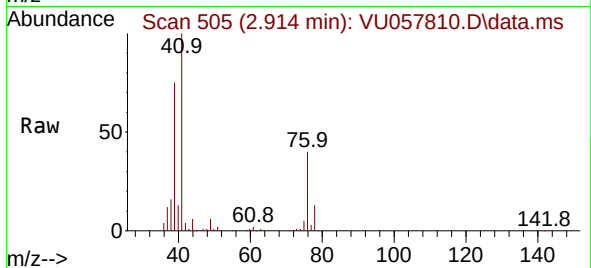
39 72.3 54.2 81.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#12

Acrylonitrile

Concen: 49.874 ug/l

RT: 3.312 min Scan# 629

Delta R.T. 0.003 min

Lab File: VU057810.D

Acq: 05 Feb 2024 17:44

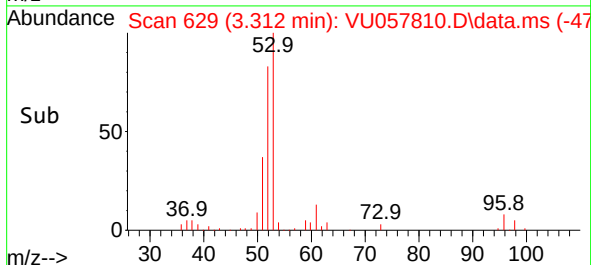
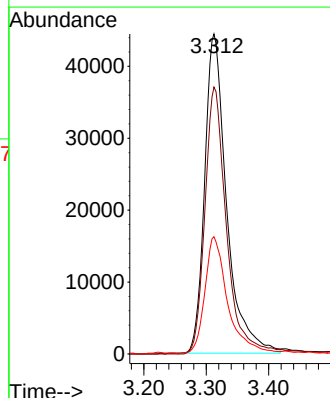
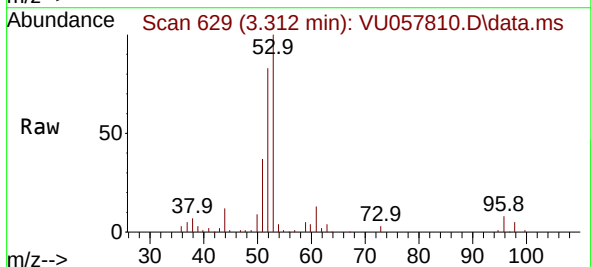
Tgt Ion: 53 Resp: 108900

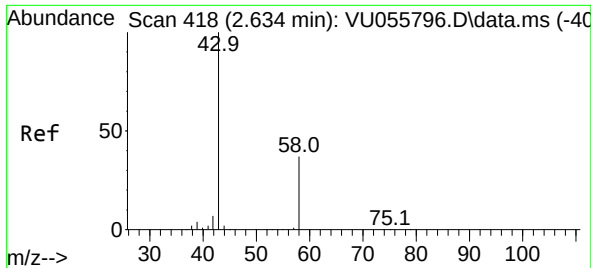
Ion Ratio Lower Upper

53 100

52 83.1 62.9 94.3

51 38.5 27.8 41.6





#13

Acetone

Concen: 21.665 ug/l

RT: 2.634 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU057810.D

Acq: 05 Feb 2024 17:44

Instrument :

MSVOA_U

ClientSampleId :

ICVVU020524

Tgt Ion: 43 Resp: 9265

Ion Ratio Lower Upper

43 100

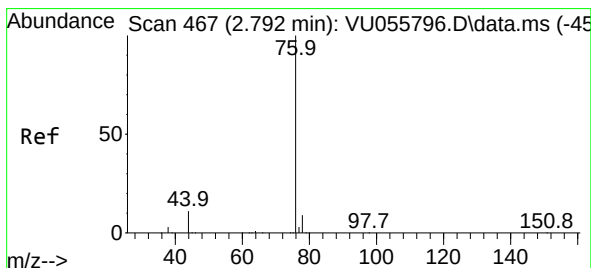
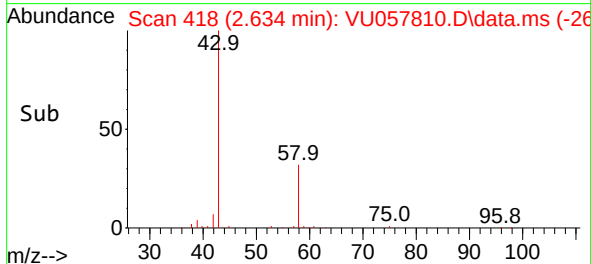
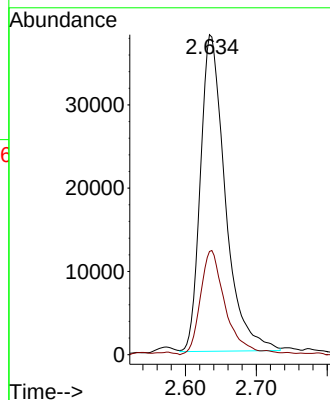
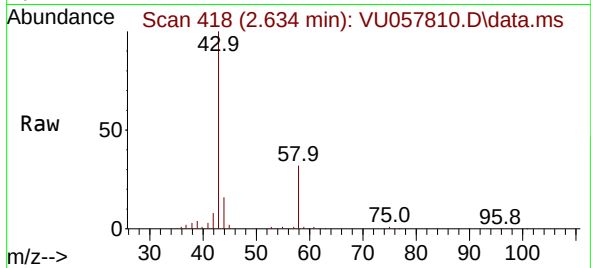
58 32.7 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#14

Carbon Disulfide

Concen: 9.328 ug/l

RT: 2.785 min Scan# 465

Delta R.T. 0.013 min

Lab File: VU057810.D

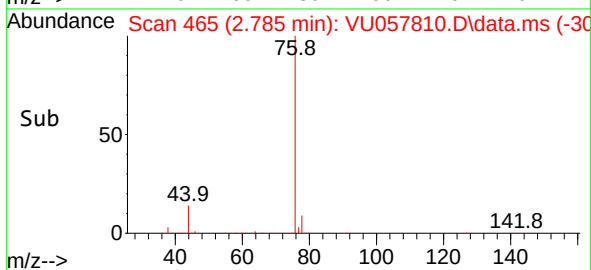
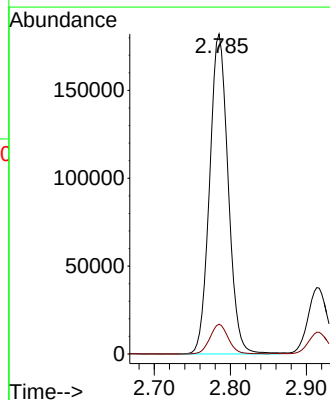
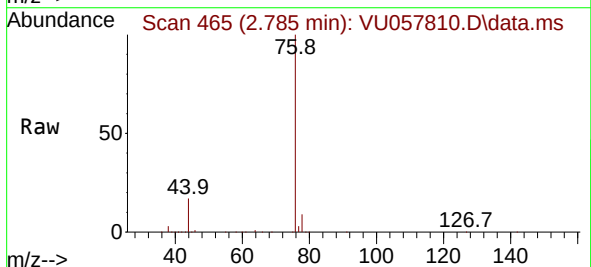
Acq: 05 Feb 2024 17:44

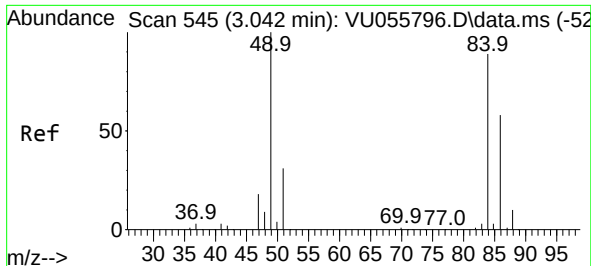
Tgt Ion: 76 Resp: 308513

Ion Ratio Lower Upper

76 100

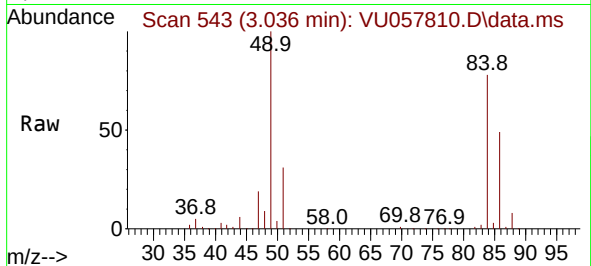
78 9.3 7.4 11.0





#15
Methylene Chloride
Concen: 9.258 ug/l
RT: 3.036 min Scan# 545
Delta R.T. 0.010 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

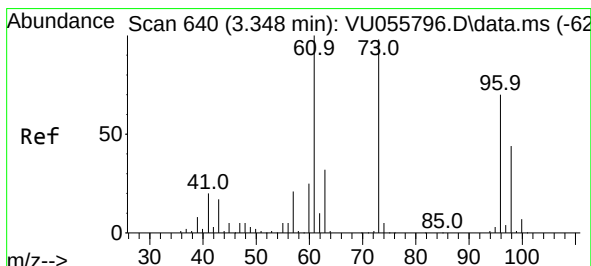
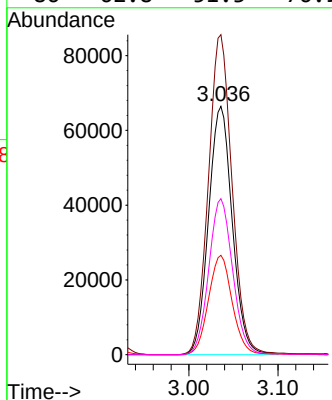
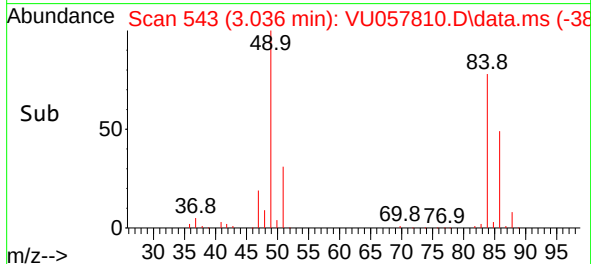
Instrument :
MSVOA_U
ClientSampleId :
ICVVU020524



Tgt Ion: 84 Resp: 122980
Ion Ratio Lower Upper
84 100
49 128.8 98.9 148.3
51 40.0 0.0 75.4
86 62.8 51.3 76.9

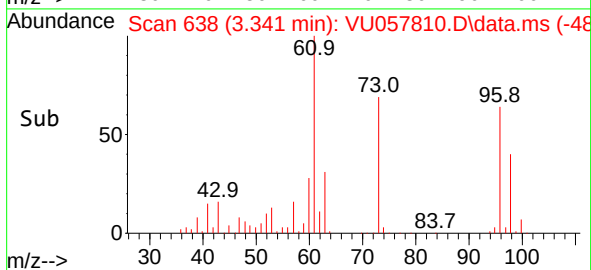
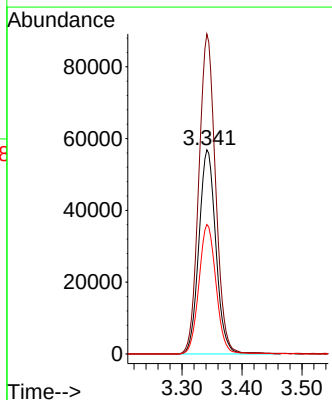
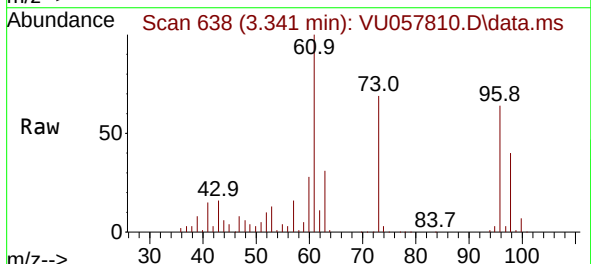
Manual Integrations
APPROVED

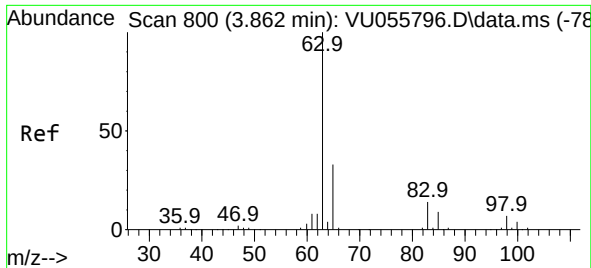
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#16
trans-1,2-Dichloroethene
Concen: 9.980 ug/l
RT: 3.341 min Scan# 638
Delta R.T. 0.006 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

Tgt Ion: 96 Resp: 112070
Ion Ratio Lower Upper
96 100
61 156.7 117.5 176.3
98 63.4 48.3 72.5





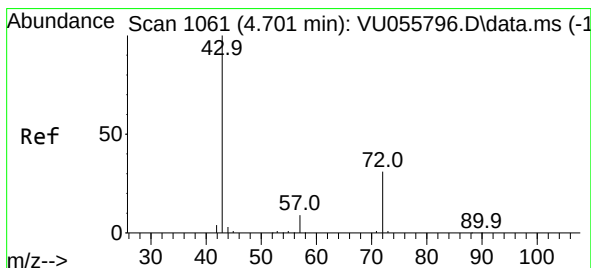
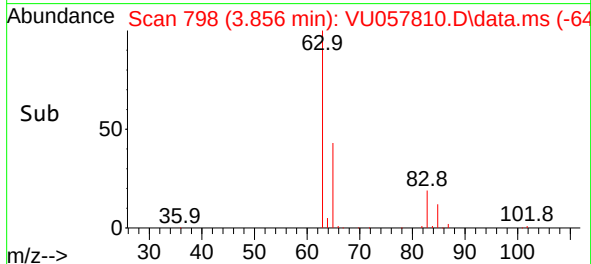
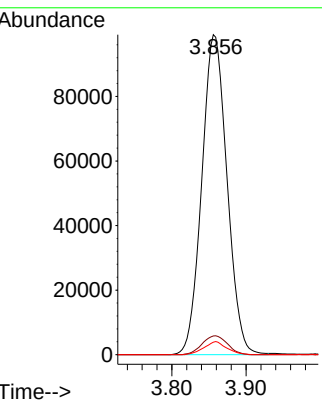
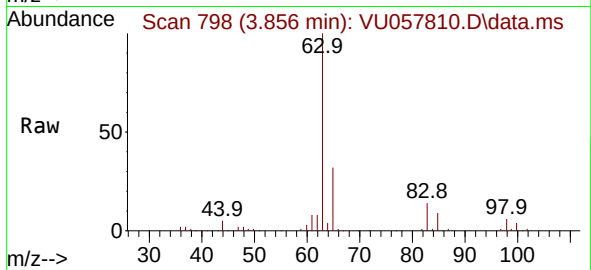
#17
 1,1-Dichloroethane
 Concen: 10.387 ug/l
 RT: 3.856 min Scan# 79
 Delta R.T. 0.006 min
 Lab File: VU057810.D
 Acq: 05 Feb 2024 17:44

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU020524

Tgt Ion: 63 Resp: 234340
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.4 10.1
 100 3.9 2.2 6.6

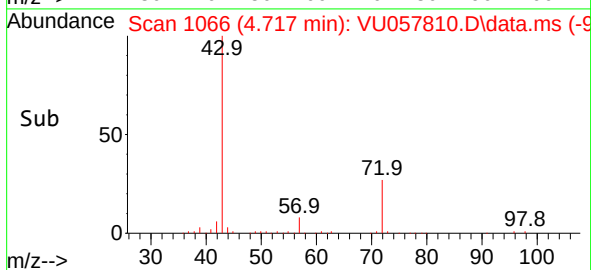
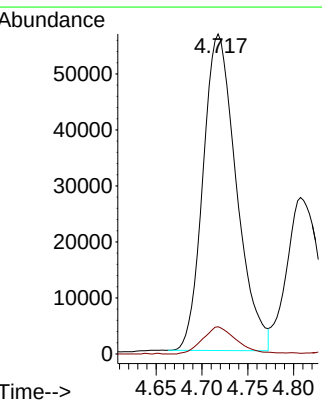
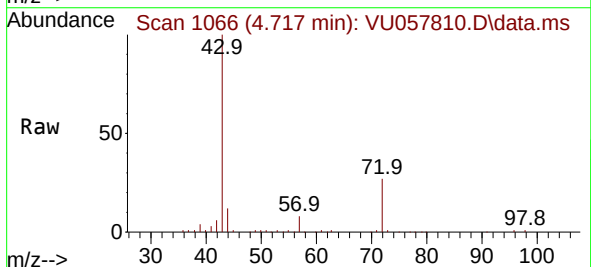
Manual Integrations
 APPROVED

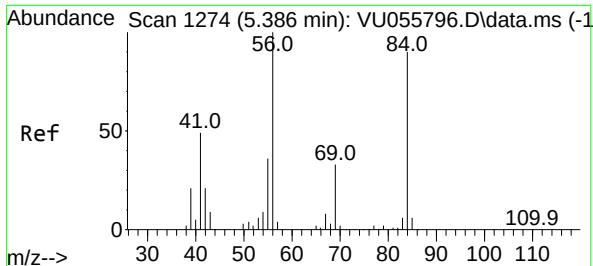
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024



#18
 2-Butanone
 Concen: 33.298 ug/l
 RT: 4.717 min Scan# 1066
 Delta R.T. 0.006 min
 Lab File: VU057810.D
 Acq: 05 Feb 2024 17:44

Tgt Ion: 43 Resp: 142773
 Ion Ratio Lower Upper
 43 100
 57 8.6 0.0 19.6





#19

Cyclohexane

Concen: 9.871 ug/l

RT: 5.370 min Scan# 1699

Delta R.T. 0.003 min

Lab File: VU057810.D

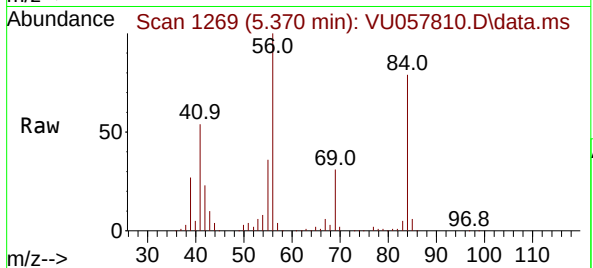
Acq: 05 Feb 2024 17:44

Instrument :

MSVOA_U

ClientSampleId :

ICVVU020524



Tgt Ion: 56 Resp: 17499

Ion Ratio Lower Upper

56 100

69 34.5 24.6 37.0

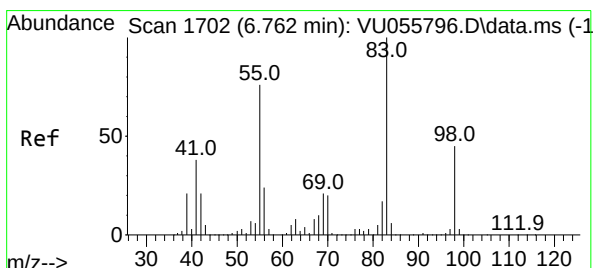
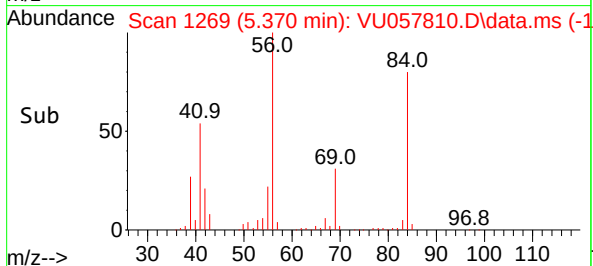
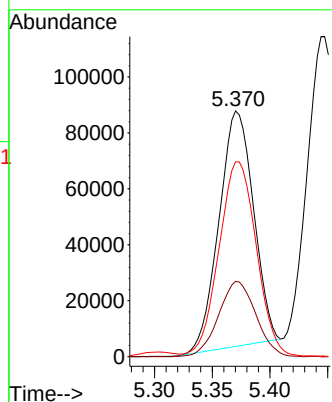
84 87.9 68.4 102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#20

Methylcyclohexane

Concen: 10.133 ug/l

RT: 6.753 min Scan# 1699

Delta R.T. 0.003 min

Lab File: VU057810.D

Acq: 05 Feb 2024 17:44

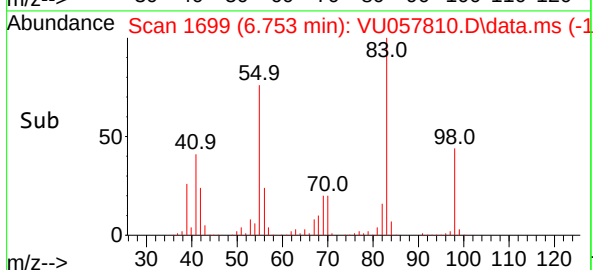
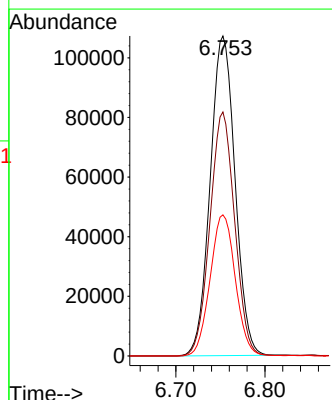
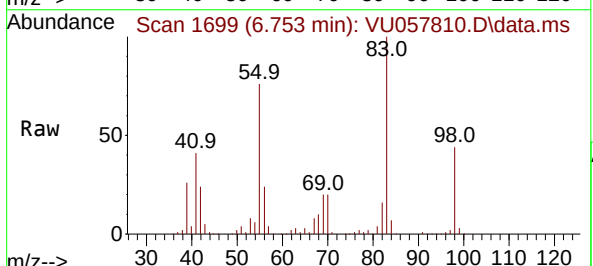
Tgt Ion: 83 Resp: 207932

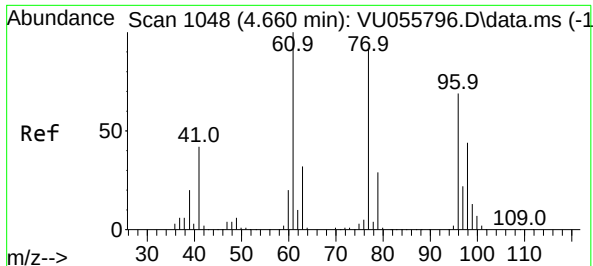
Ion Ratio Lower Upper

83 100

55 75.6 63.5 95.3

98 44.6 36.0 54.0





#21

2,2-Dichloropropane

Concen: 9.757 ug/l

RT: 4.653 min Scan# 1046

Delta R.T. 0.006 min

Lab File: VU057810.D

Acq: 05 Feb 2024 17:44

Instrument :

MSVOA_U

ClientSampleId :

ICVVU020524

Tgt Ion: 77 Resp: 19822

Ion Ratio Lower Upper

77 100

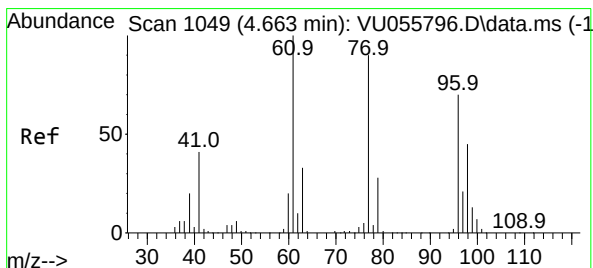
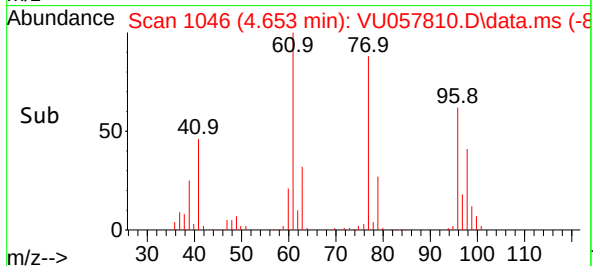
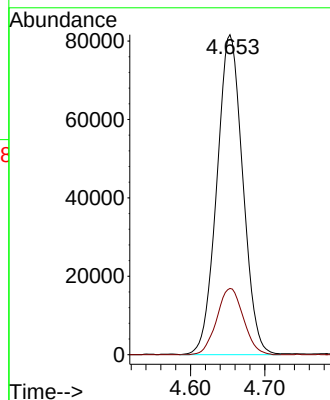
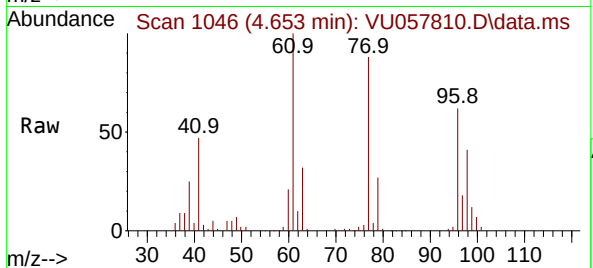
97 21.2 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#22

cis-1,2-Dichloroethene

Concen: 10.718 ug/l

RT: 4.656 min Scan# 1047

Delta R.T. 0.006 min

Lab File: VU057810.D

Acq: 05 Feb 2024 17:44

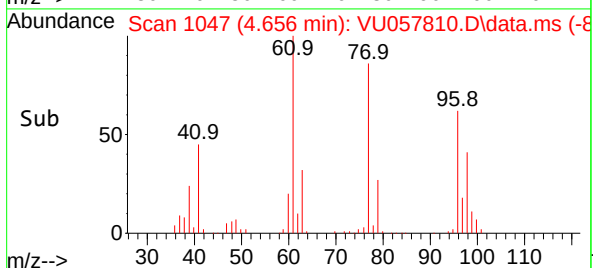
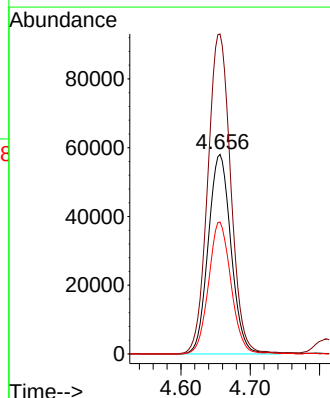
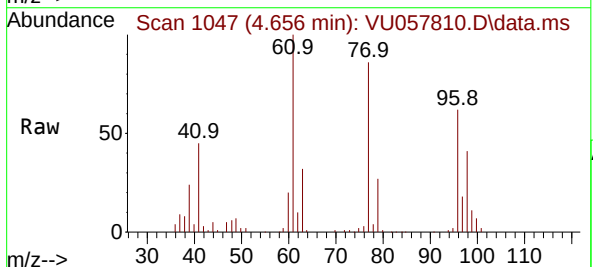
Tgt Ion: 96 Resp: 132508

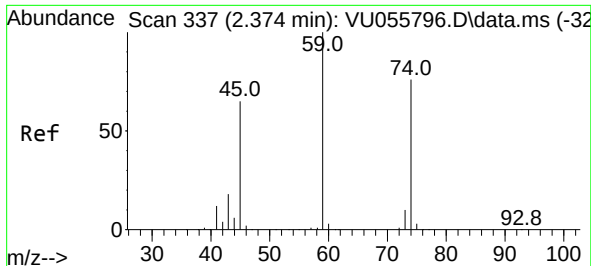
Ion Ratio Lower Upper

96 100

61 161.8 0.0 365.8

98 64.7 32.0 96.0





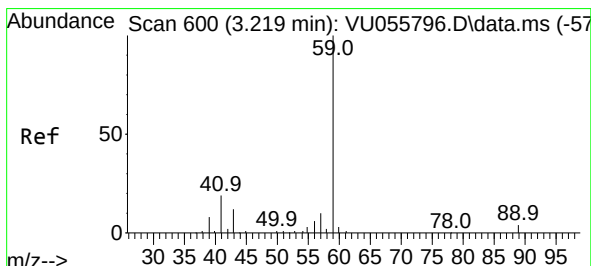
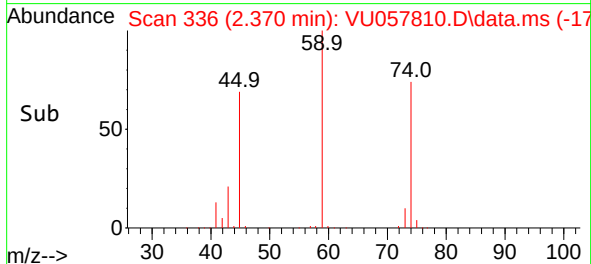
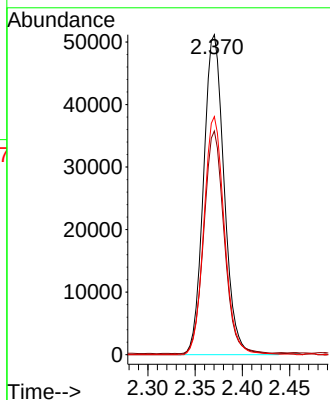
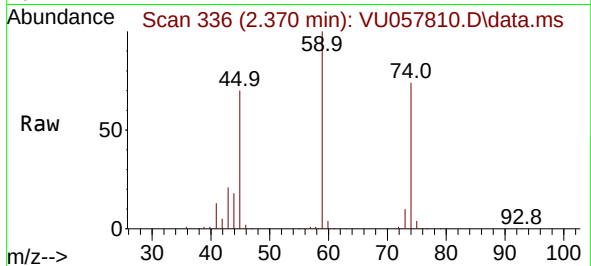
#23
Diethyl Ether
Concen: 9.697 ug/l
RT: 2.370 min Scan# 311
Delta R.T. 0.006 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

Instrument :
MSVOA_U
ClientSampleId :
ICVVU020524

Tgt Ion: 59 Resp: 7741
Ion Ratio Lower Upper
59 100
45 68.8 56.1 84.1
74 74.2 57.4 86.2

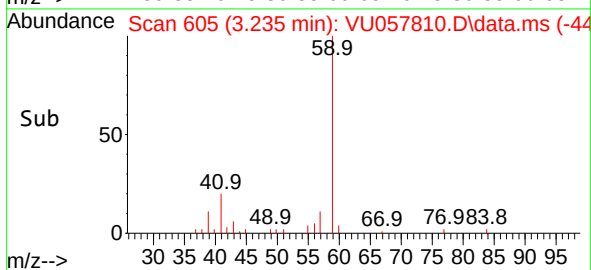
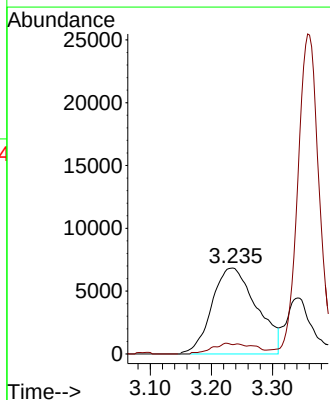
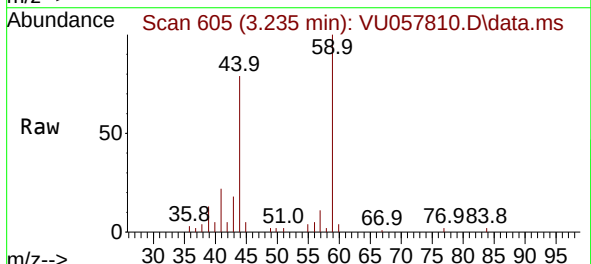
Manual Integrations
APPROVED

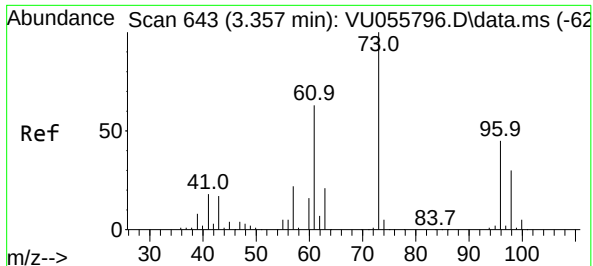
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#24
tert-Butyl Alcohol
Concen: 60.060 ug/l
RT: 3.235 min Scan# 605
Delta R.T. 0.003 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

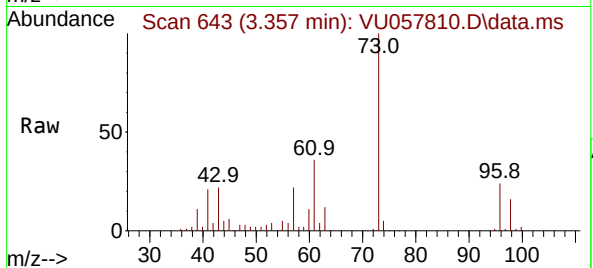
Tgt Ion: 59 Resp: 34787
Ion Ratio Lower Upper
59 100
57 5.7 105.6 158.4#





#25
Methyl tert-Butyl Ether
Concen: 10.336 ug/l
RT: 3.357 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

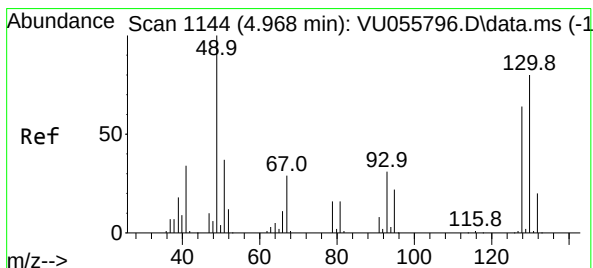
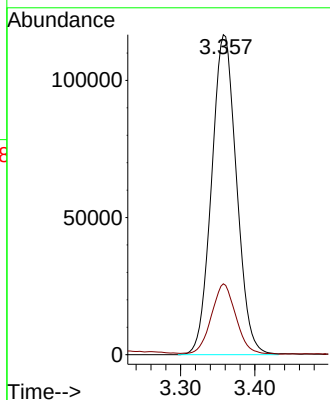
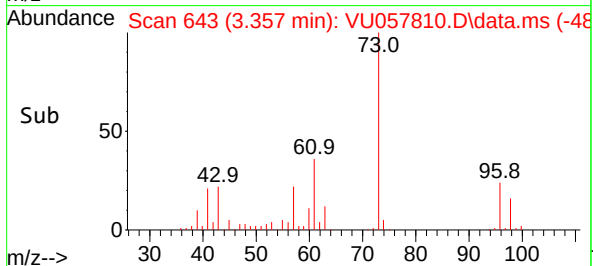
Instrument :
MSVOA_U
ClientSampleId :
ICVVU020524



Tgt Ion: 73 Resp: 27230
Ion Ratio Lower Upper
73 100
43 21.6 15.0 22.6

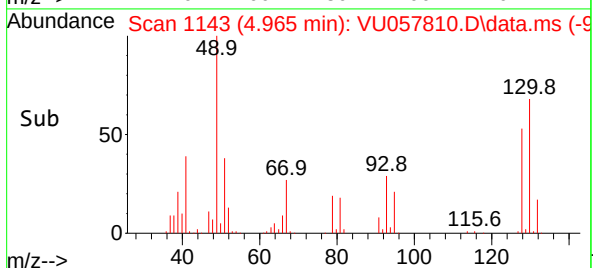
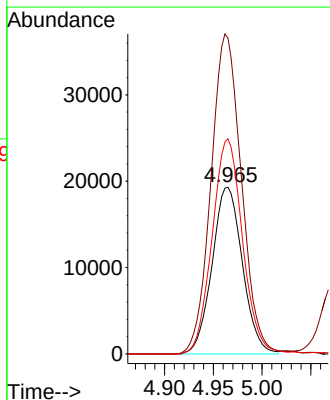
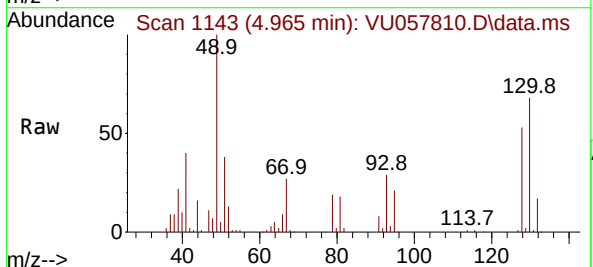
Manual Integrations
APPROVED

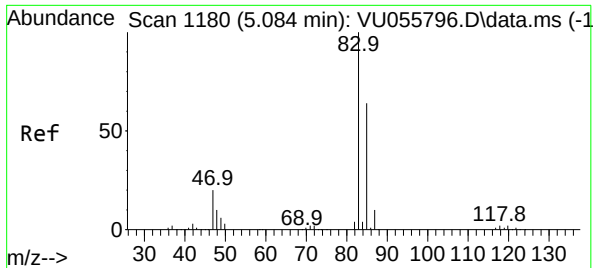
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#26
Bromochloromethane
Concen: 8.681 ug/l
RT: 4.965 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

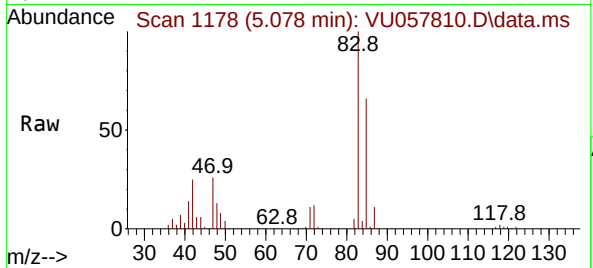
Tgt Ion:128 Resp: 41775
Ion Ratio Lower Upper
128 100
49 192.7 0.0 324.6
130 129.8 103.0 154.4





#27
Chloroform
Concen: 10.395 ug/l
RT: 5.078 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

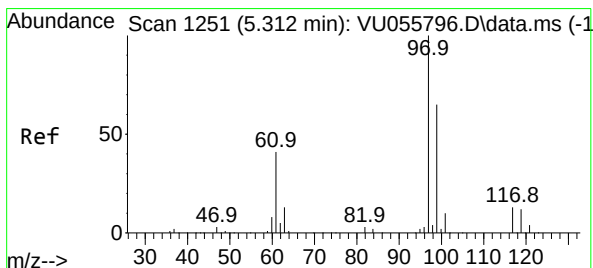
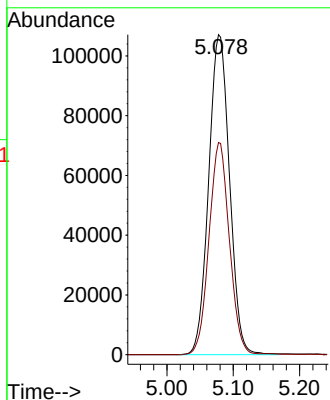
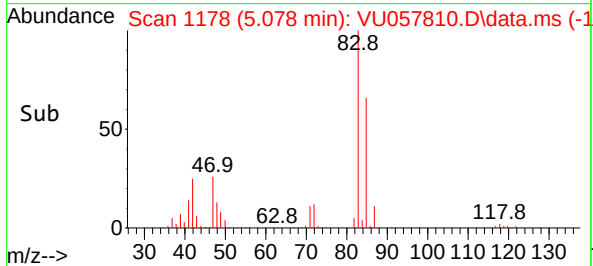
Instrument :
MSVOA_U
ClientSampleId :
ICVVU020524



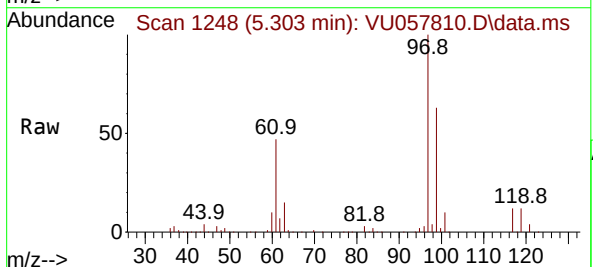
Tgt Ion: 83 Resp: 233958
Ion Ratio Lower Upper
83 100
85 66.3 0.0 126.4

Manual Integrations
APPROVED

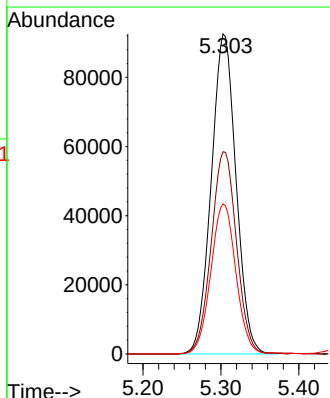
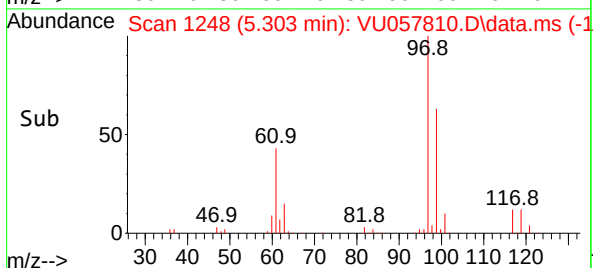
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

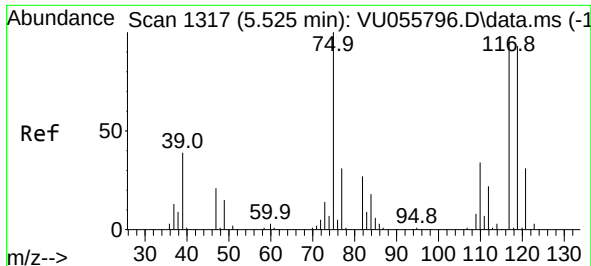


#28
1,1,1-Trichloroethane
Concen: 10.053 ug/l
RT: 5.303 min Scan# 1248
Delta R.T. 0.003 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44



Tgt Ion: 97 Resp: 204914
Ion Ratio Lower Upper
97 100
99 64.4 32.0 96.2
61 47.6 22.9 68.5





#29

1,1-Dichloropropene

Concen: 10.306 ug/l

RT: 5.515 min Scan# 1314

Delta R.T. 0.003 min

Lab File: VU057810.D

Acq: 05 Feb 2024 17:44

Instrument :

MSVOA_U

ClientSampleId :

ICVVU020524

Tgt Ion: 75 Resp: 172610

Ion Ratio Lower Upper

75 100

110 33.2 18.0 54.0

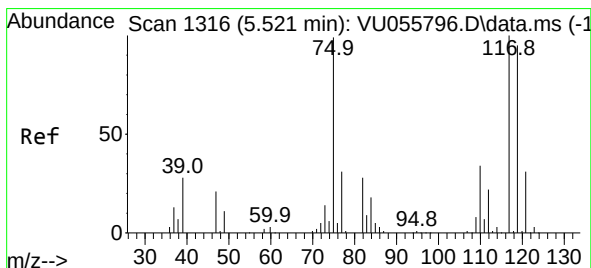
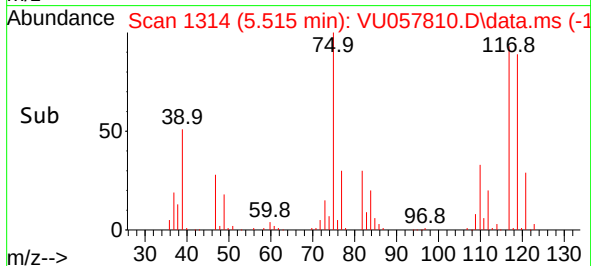
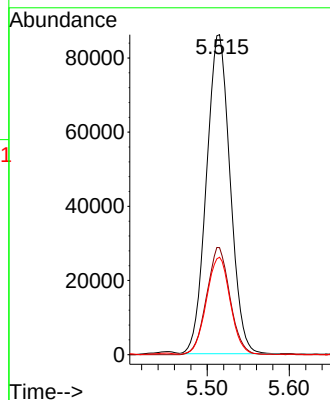
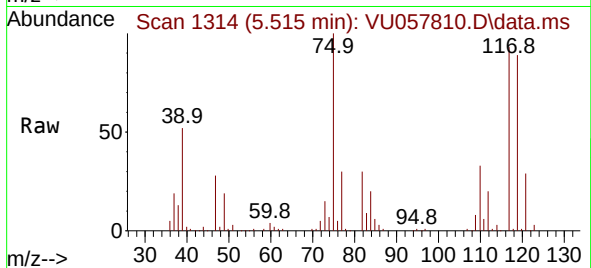
77 30.4 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#30

Carbon Tetrachloride

Concen: 10.391 ug/l

RT: 5.512 min Scan# 1313

Delta R.T. 0.003 min

Lab File: VU057810.D

Acq: 05 Feb 2024 17:44

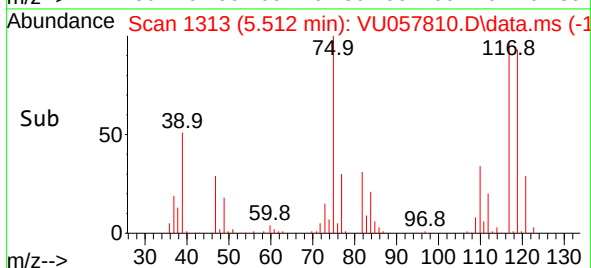
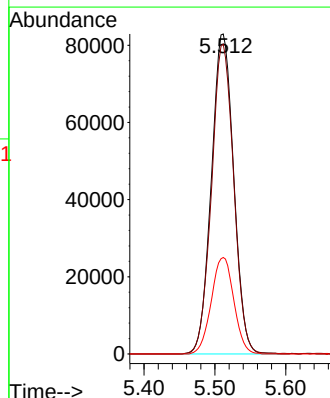
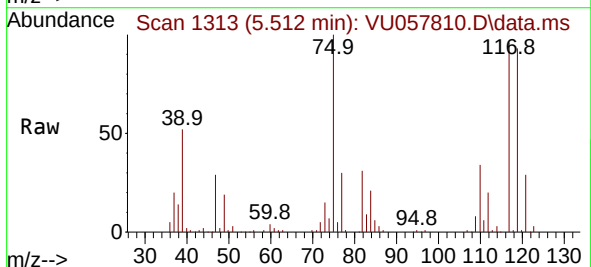
Tgt Ion:117 Resp: 181499

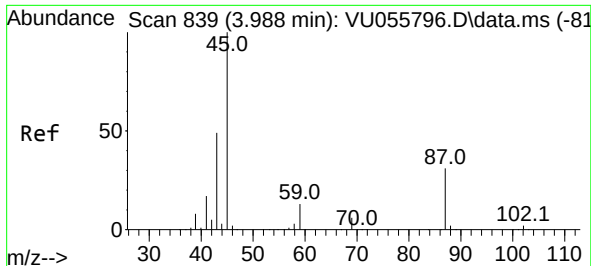
Ion Ratio Lower Upper

117 100

119 96.8 77.4 116.0

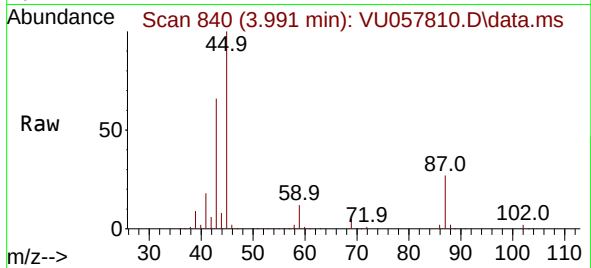
121 30.1 24.0 36.0





#31
Isopropyl Ether
Concen: 10.771 ug/l
RT: 3.991 min Scan# 84
Delta R.T. 0.003 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

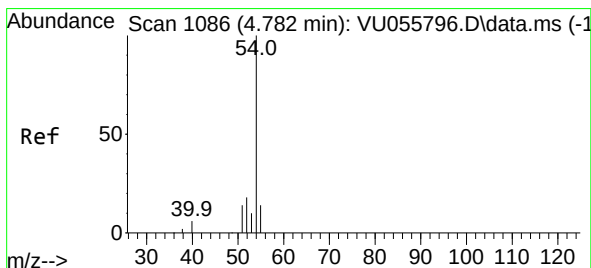
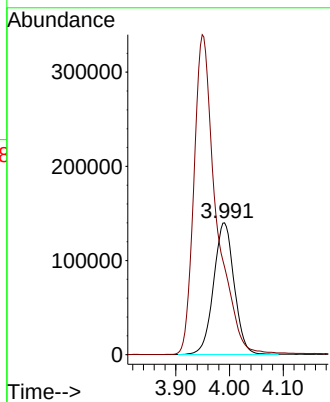
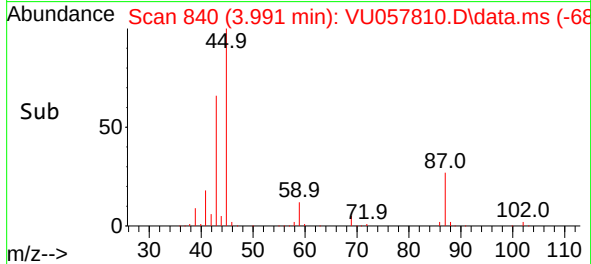
Instrument :
MSVOA_U
ClientSampleId :
ICVVU020524



Tgt Ion: 45 Resp: 373075
Ion Ratio Lower Upper
45 100
43 263.0 27.5 82.5

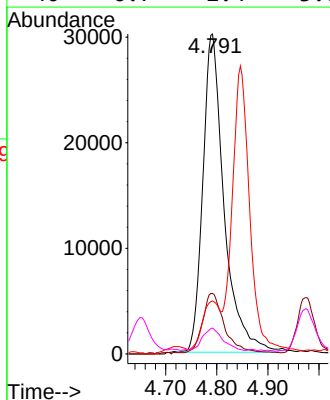
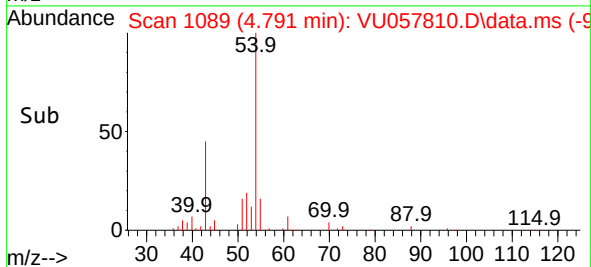
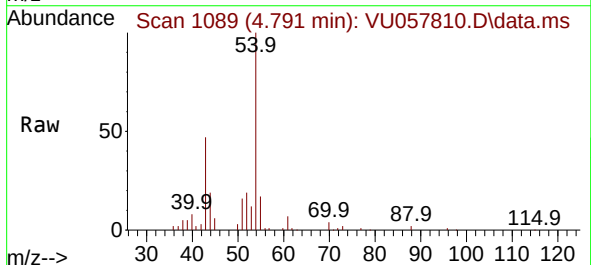
Manual Integrations
APPROVED

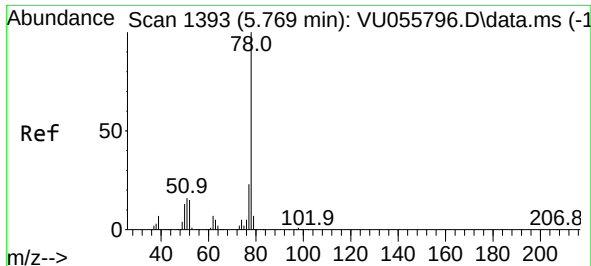
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#34
Propionitrile
Concen: 108.635 ug/l
RT: 4.791 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

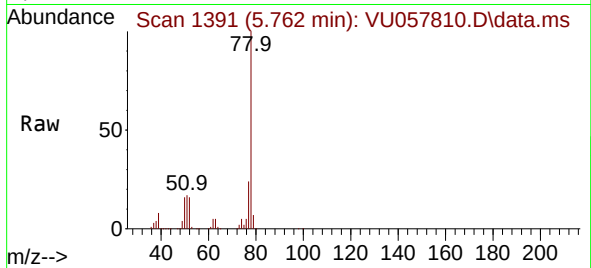
Tgt Ion: 54 Resp: 86930
Ion Ratio Lower Upper
54 100
52 19.7 17.4 26.0
55 13.3 104.1 156.1#
40 6.7 2.4 3.6#





#35
Benzene
Concen: 10.336 ug/l
RT: 5.762 min Scan# 1391
Delta R.T. 0.003 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

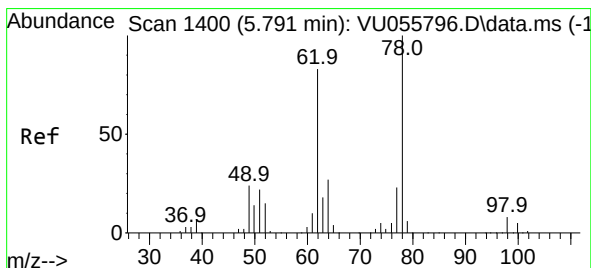
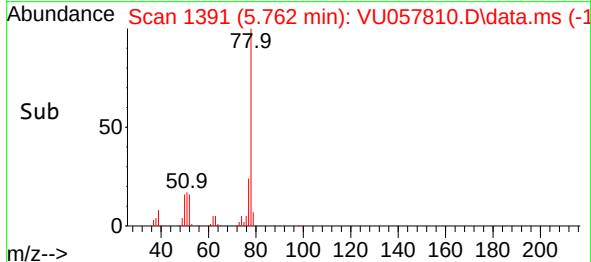
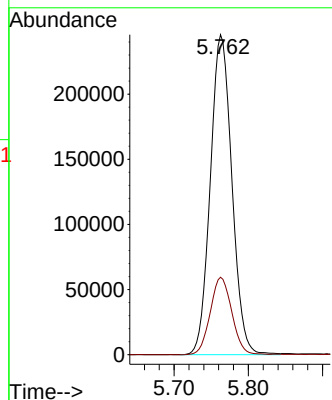
Instrument :
MSVOA_U
ClientSampleId :
ICVVU020524



Tgt Ion: 78 Resp: 495832
Ion Ratio Lower Upper
78 100
77 24.2 18.9 28.3

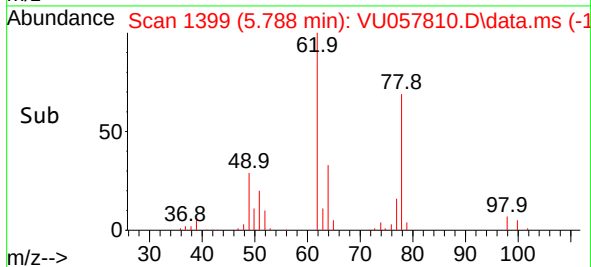
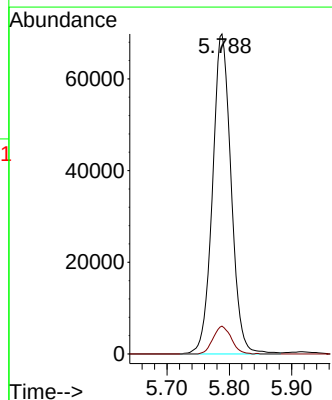
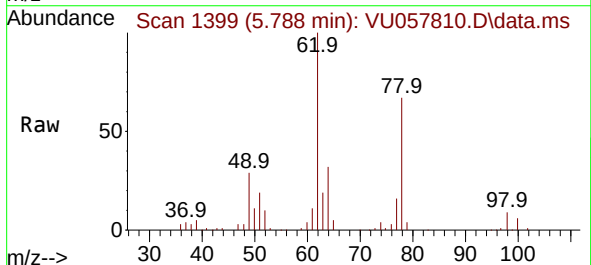
Manual Integrations
APPROVED

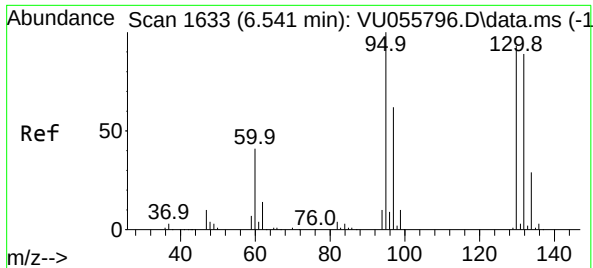
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#36
1,2-Dichloroethane
Concen: 10.303 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. 0.003 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

Tgt Ion: 62 Resp: 144506
Ion Ratio Lower Upper
62 100
98 8.5 7.3 10.9





#37

Trichloroethene

Concen: 10.159 ug/l

RT: 6.534 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU057810.D

Acq: 05 Feb 2024 17:44

Instrument :

MSVOA_U

ClientSampleId :

ICVVU020524

Tgt Ion:130 Resp: 12548

Ion Ratio Lower Upper

130 100

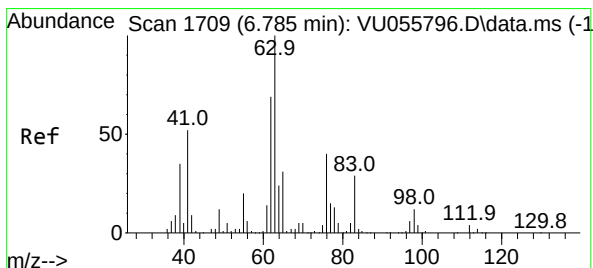
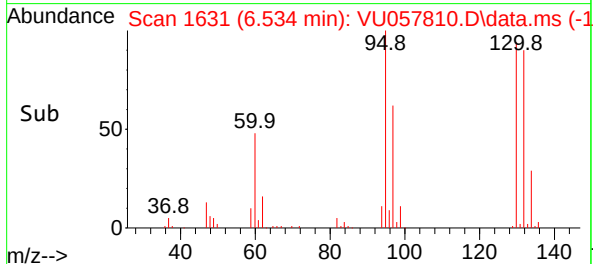
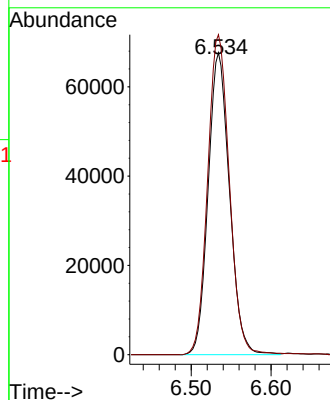
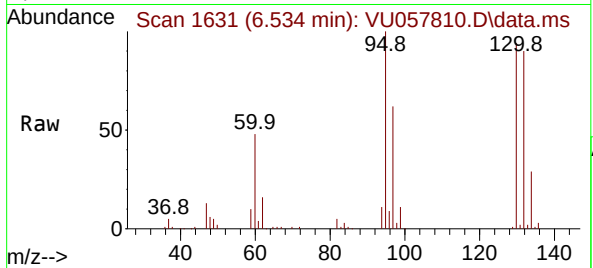
95 106.0 85.0 127.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#38

1,2-Dichloropropane

Concen: 10.284 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.000 min

Lab File: VU057810.D

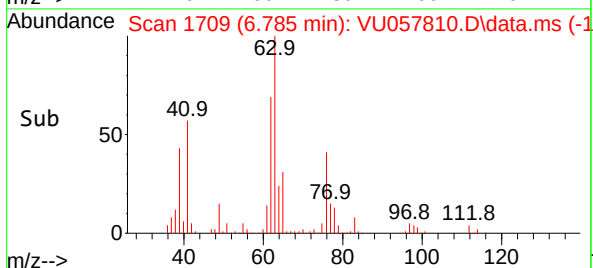
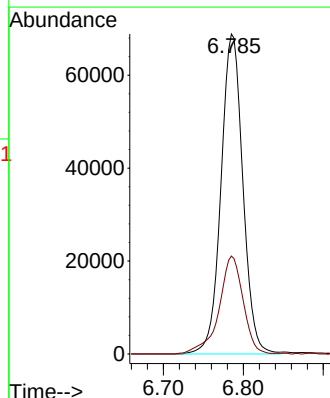
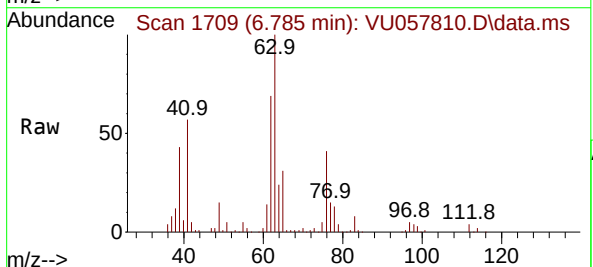
Acq: 05 Feb 2024 17:44

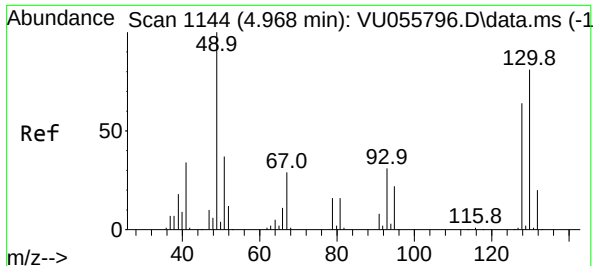
Tgt Ion: 63 Resp: 130472

Ion Ratio Lower Upper

63 100

65 30.4 24.9 37.3





#39

Methacrylonitrile

Concen: 11.134 ug/l

RT: 4.971 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VU057810.D

Acq: 05 Feb 2024 17:44

Instrument :

MSVOA_U

ClientSampleId :

ICVVU020524

Tgt Ion: 41 Resp: 3882

Ion Ratio Lower Upper

41 100

67 73.9 66.8 100.2

39 54.7 41.2 61.8

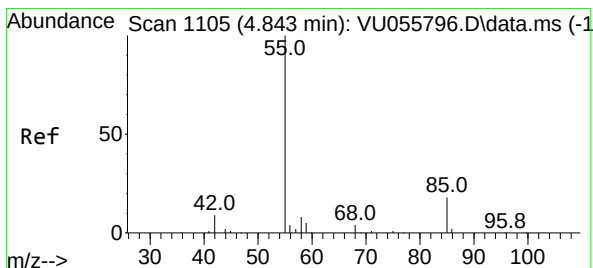
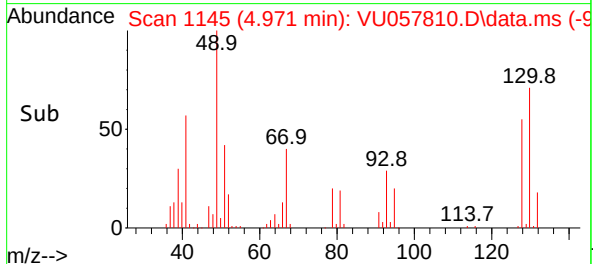
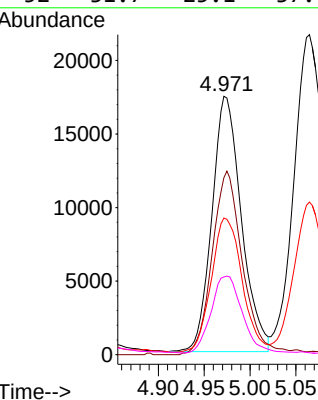
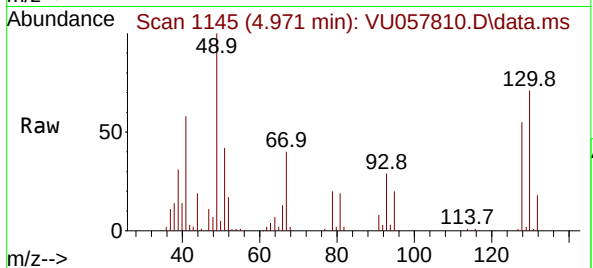
52 31.7 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#40

Methyl acrylate

Concen: 11.052 ug/l

RT: 4.846 min Scan# 1106

Delta R.T. 0.003 min

Lab File: VU057810.D

Acq: 05 Feb 2024 17:44

Tgt Ion: 55 Resp: 64194

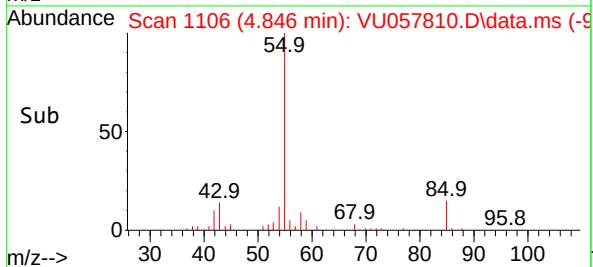
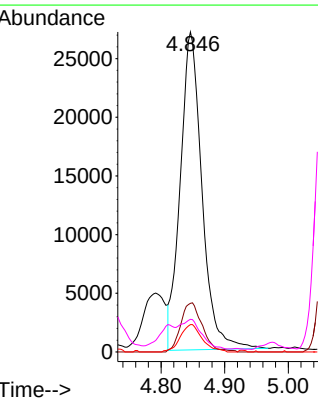
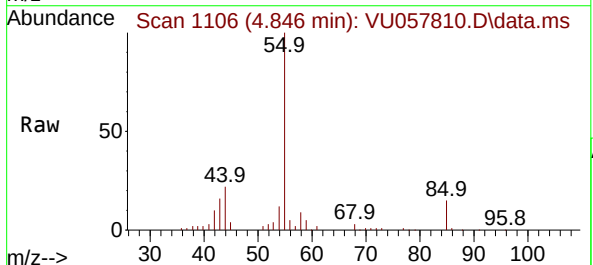
Ion Ratio Lower Upper

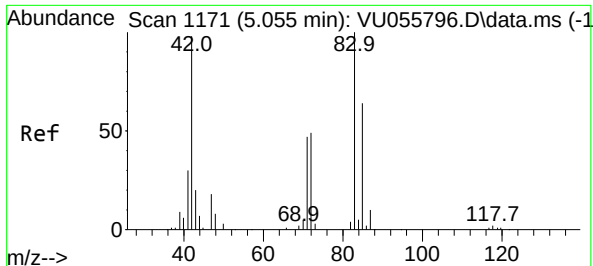
55 100

85 15.5 13.3 19.9

58 8.6 6.5 9.7

42 0.0 5.9 8.9#





#41

Tetrahydrofuran

Concen: 52.632 ug/l

RT: 5.065 min Scan# 1171

Delta R.T. 0.003 min

Lab File: VU057810.D

Acq: 05 Feb 2024 17:44

Instrument :

MSVOA_U

ClientSampleId :

ICVVU020524

Tgt Ion: 42 Resp: 91450

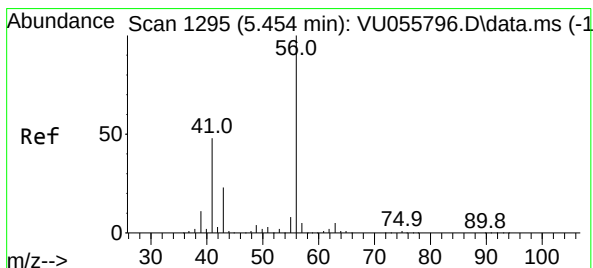
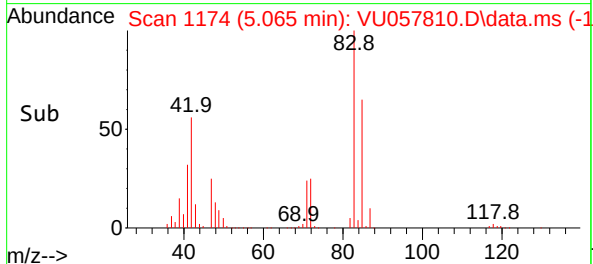
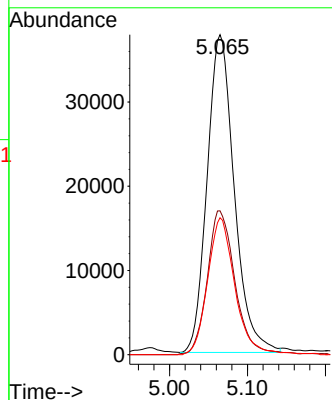
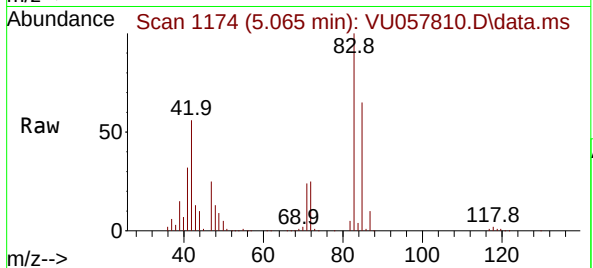
Ion	Ratio	Lower	Upper
42	100		
72	46.2	40.9	61.3
71	43.0	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#42

1-Chlorobutane

Concen: 10.487 ug/l

RT: 5.444 min Scan# 1292

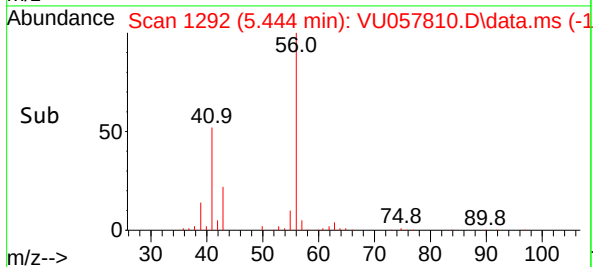
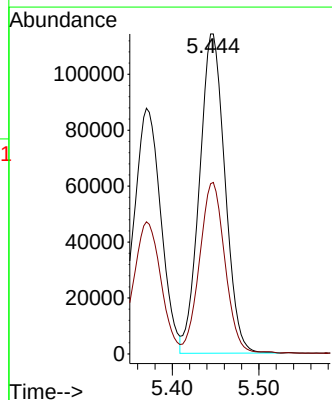
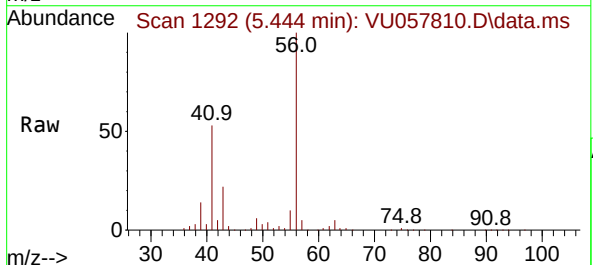
Delta R.T. 0.000 min

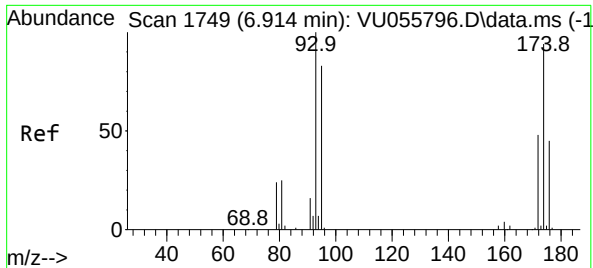
Lab File: VU057810.D

Acq: 05 Feb 2024 17:44

Tgt Ion: 56 Resp: 233192

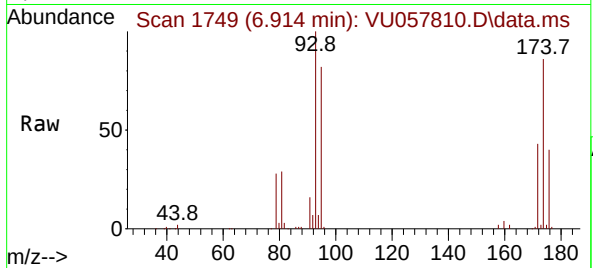
Ion	Ratio	Lower	Upper
56	100		
41	52.4	25.2	75.6





#43
Dibromomethane
Concen: 10.932 ug/l
RT: 6.914 min Scan# 1749
Delta R.T. 0.003 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

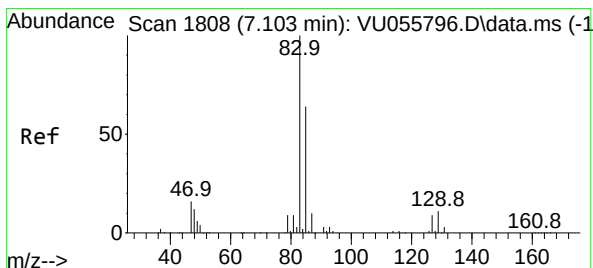
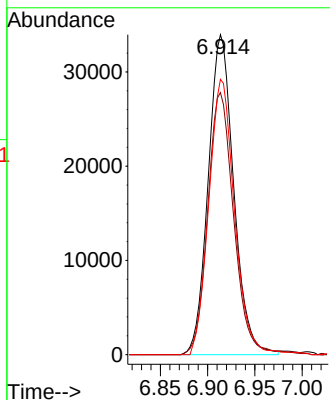
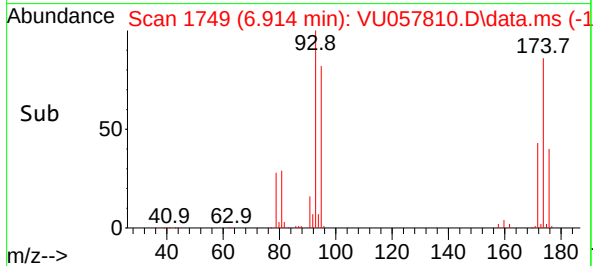
Instrument :
MSVOA_U
ClientSampleId :
ICVVU020524



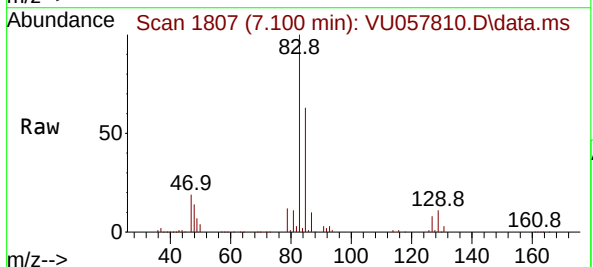
Tgt Ion: 93 Resp: 63678
Ion Ratio Lower Upper
93 100
95 83.9 67.0 100.6
174 86.4 73.8 110.6

Manual Integrations
APPROVED

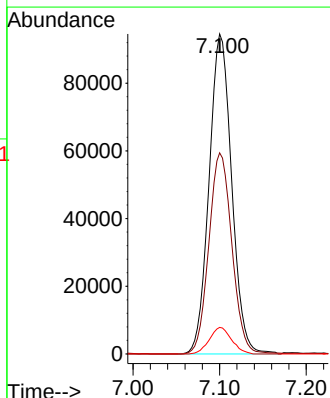
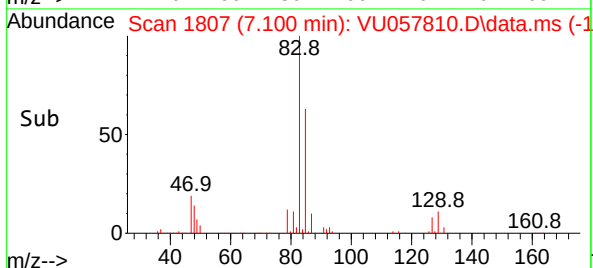
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

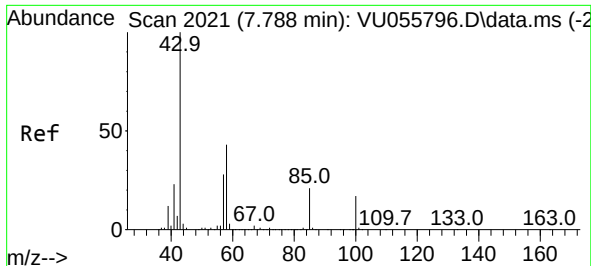


#44
Bromodichloromethane
Concen: 10.815 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44



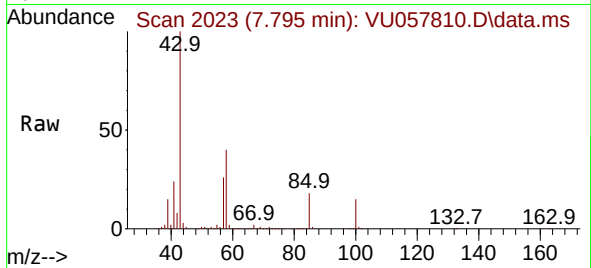
Tgt Ion: 83 Resp: 171227
Ion Ratio Lower Upper
83 100
85 62.8 51.9 77.9
127 9.0 6.7 10.1





#45
4-Methyl-2-Pentanone
Concen: 51.254 ug/l
RT: 7.795 min Scan# 2021
Delta R.T. 0.000 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

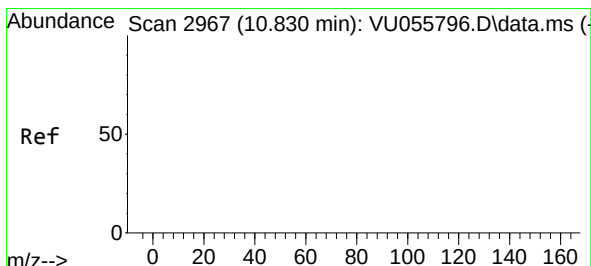
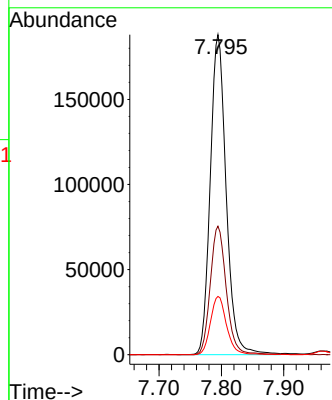
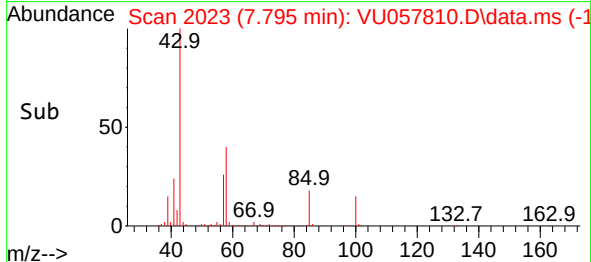
Instrument :
MSVOA_U
ClientSampleId :
ICVVU020524



Tgt Ion: 43 Resp: 333725
Ion Ratio Lower Upper
43 100
58 40.5 20.9 62.8
85 18.5 14.6 21.8

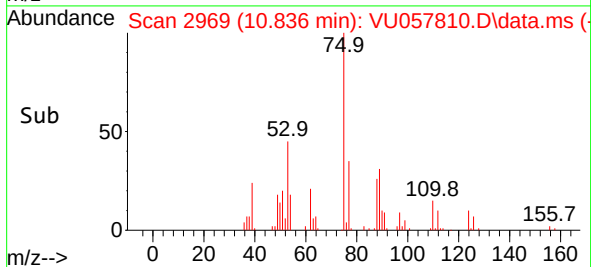
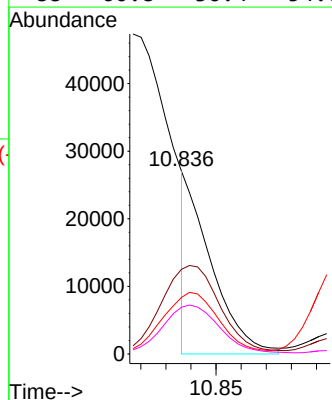
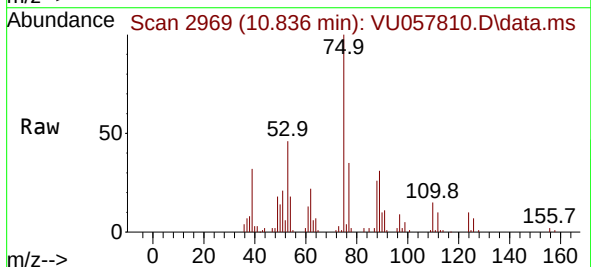
Manual Integrations
APPROVED

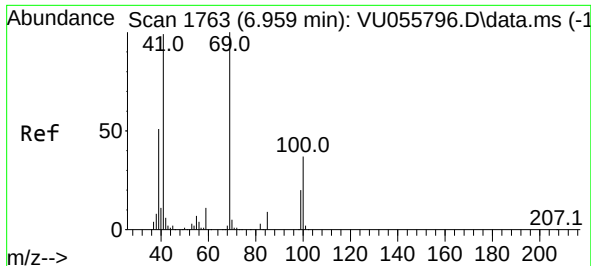
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#46
t-1,4-Dichloro-2-butene
Concen: 10.919 ug/l m
RT: 10.836 min Scan# 2969
Delta R.T. 0.000 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

Tgt Ion: 75 Resp: 19068
Ion Ratio Lower Upper
75 100
53 114.4 73.3 109.9#
89 76.1 48.2 72.4#
88 60.8 36.4 54.6#





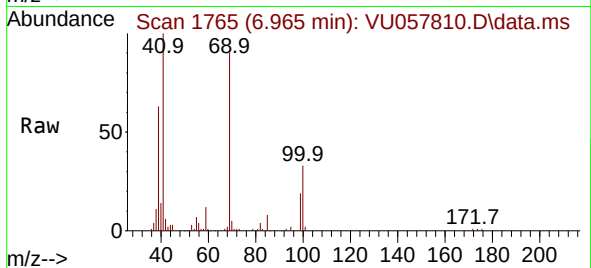
#47
Methyl methacrylate
Concen: 10.386 ug/l
RT: 6.965 min Scan# 1765
Delta R.T. 0.003 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

Instrument :

MSVOA_U

ClientSampleId :

ICVVU020524



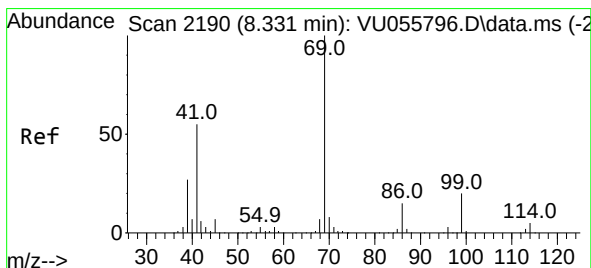
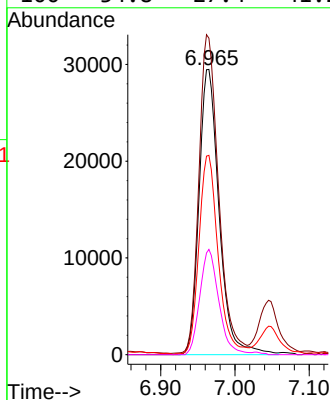
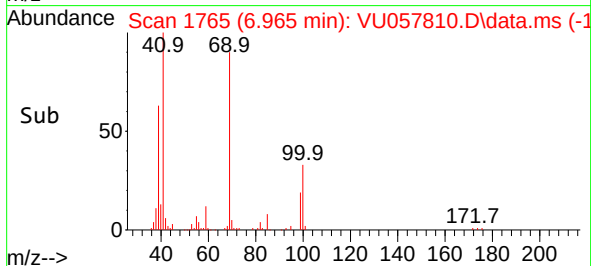
Tgt Ion: 69 Resp: 55460
Ion Ratio Lower Upper
69 100
41 109.0 0.0 209.2
39 67.4 46.7 70.1
100 34.8 27.4 41.2

Manual Integrations

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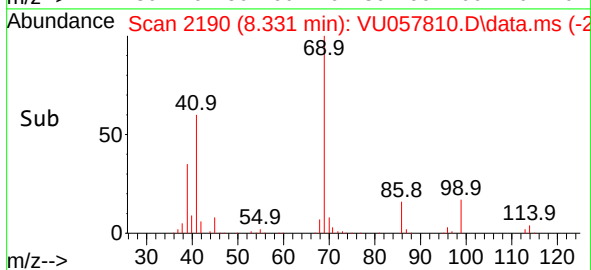
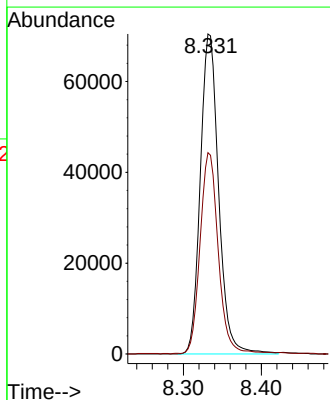
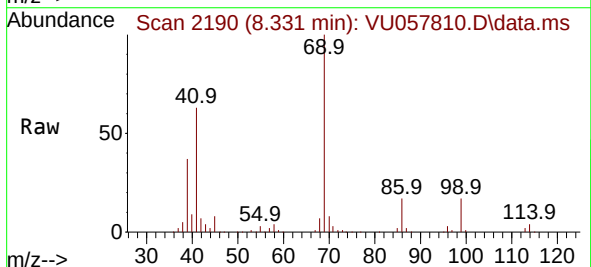
Reviewed By :John Carlone 02/14/2024

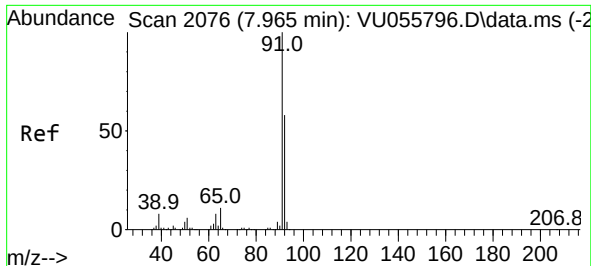
Supervised By :Mahesh Dadoda 02/14/2024



#48
Ethyl methacrylate
Concen: 10.754 ug/l
RT: 8.331 min Scan# 2190
Delta R.T. 0.000 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

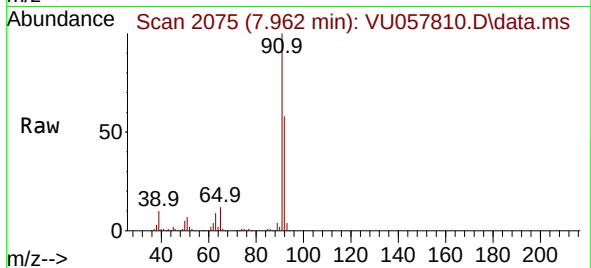
Tgt Ion: 69 Resp: 115196
Ion Ratio Lower Upper
69 100
41 62.0 30.3 90.8





#49
Toluene
Concen: 10.695 ug/l
RT: 7.962 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

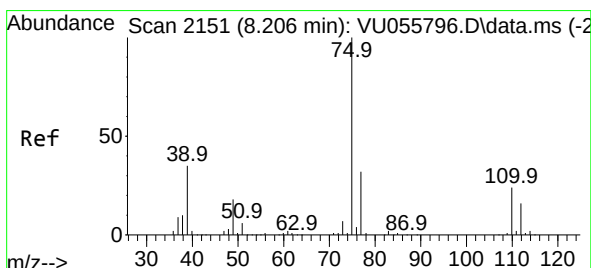
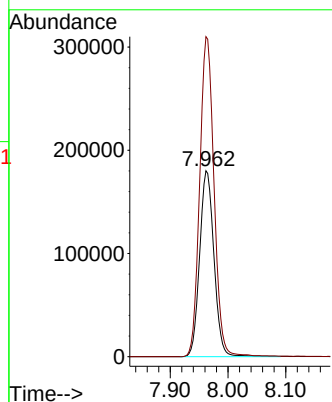
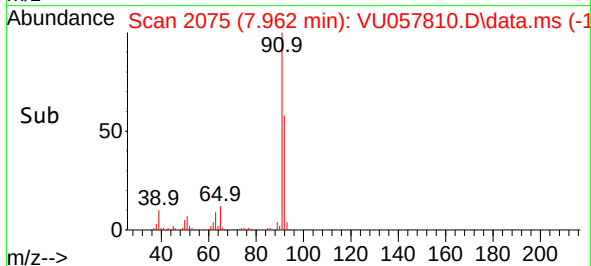
Instrument :
MSVOA_U
ClientSampleId :
ICVVU020524



Tgt Ion: 92 Resp: 31020
Ion Ratio Lower Upper
92 100
91 172.7 143.0 214.6

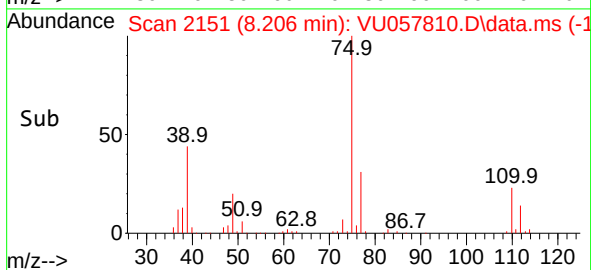
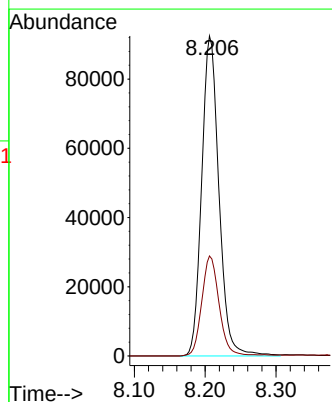
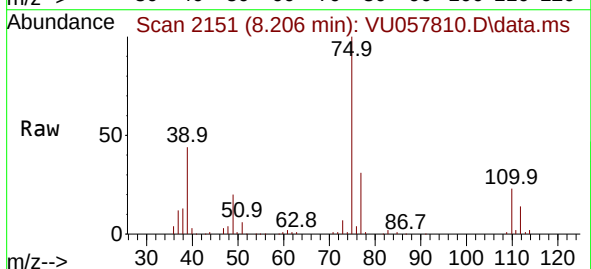
Manual Integrations
APPROVED

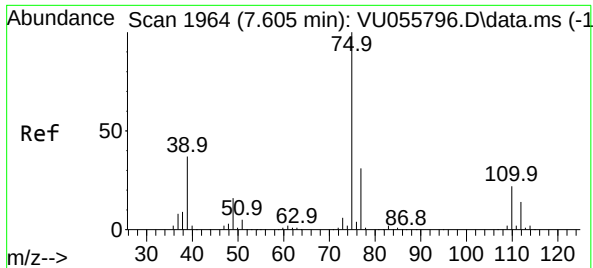
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#50
t-1,3-Dichloropropene
Concen: 10.864 ug/l
RT: 8.206 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

Tgt Ion: 75 Resp: 156417
Ion Ratio Lower Upper
75 100
77 31.3 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 10.728 ug/l
 RT: 7.602 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VU057810.D
 Acq: 05 Feb 2024 17:44

Instrument :

MSVOA_U

ClientSampleId :

ICVVU020524

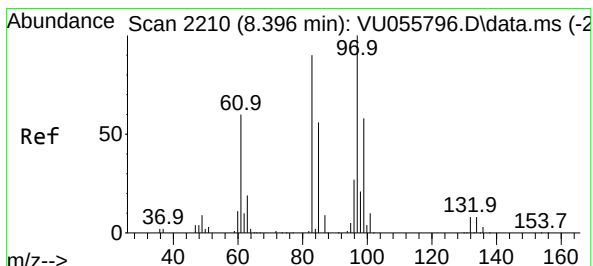
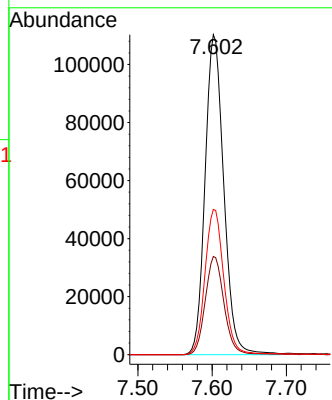
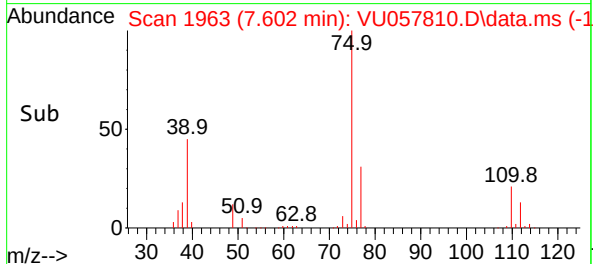
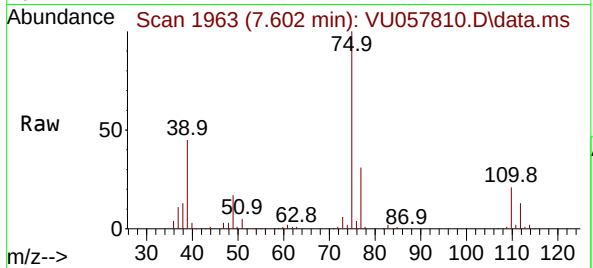
Tgt Ion: 75 Resp: 19267
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.7 38.5
 39 45.4 32.8 49.2

Manual Integrations

APPROVED

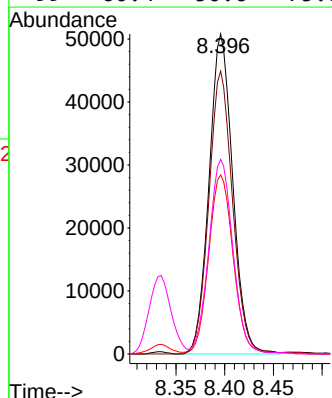
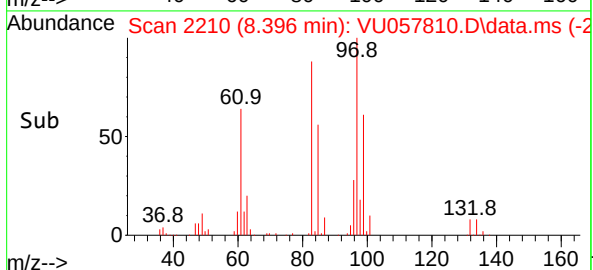
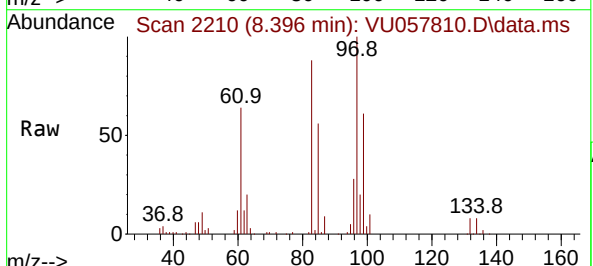
Reviewed By :John Carlone 02/14/2024

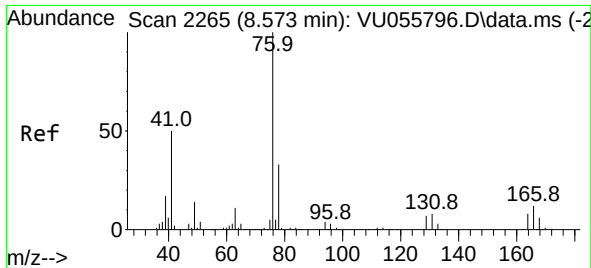
Supervised By :Mahesh Dadoda 02/14/2024



#52
 1,1,2-Trichloroethane
 Concen: 10.722 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VU057810.D
 Acq: 05 Feb 2024 17:44

Tgt Ion: 97 Resp: 85956
 Ion Ratio Lower Upper
 97 100
 83 88.4 71.8 107.8
 85 55.5 45.2 67.8
 99 60.4 50.6 75.8





#53

1,3-Dichloropropane

Concen: 10.426 ug/l

RT: 8.569 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU057810.D

Acq: 05 Feb 2024 17:44

Instrument :

MSVOA_U

ClientSampleId :

ICVVU020524

Tgt Ion: 76 Resp: 15175

Ion Ratio Lower Upper

76 100

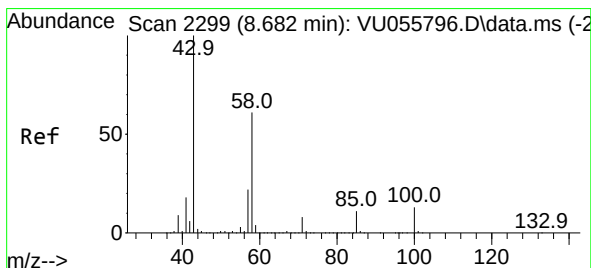
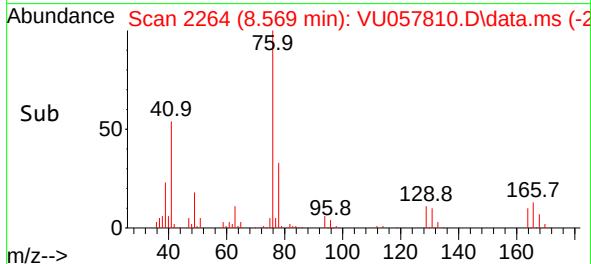
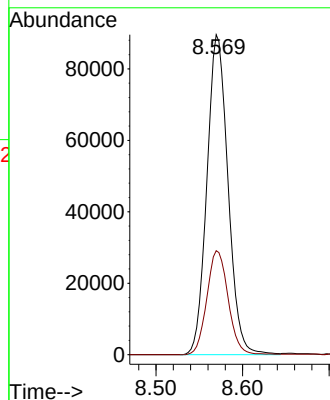
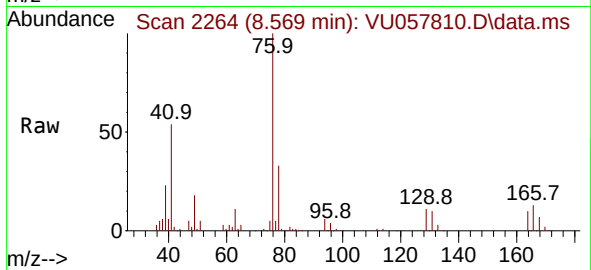
78 32.8 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#54

2-Hexanone

Concen: 37.667 ug/l

RT: 8.685 min Scan# 2300

Delta R.T. 0.000 min

Lab File: VU057810.D

Acq: 05 Feb 2024 17:44

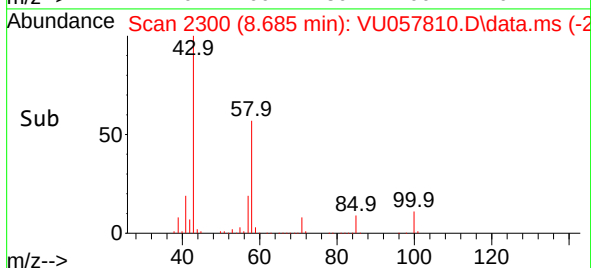
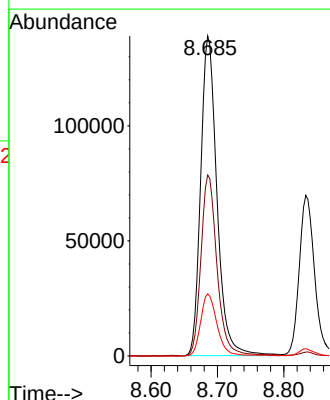
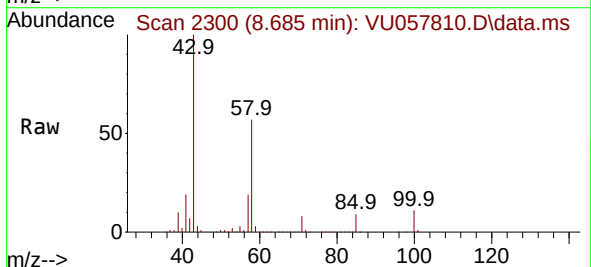
Tgt Ion: 43 Resp: 237476

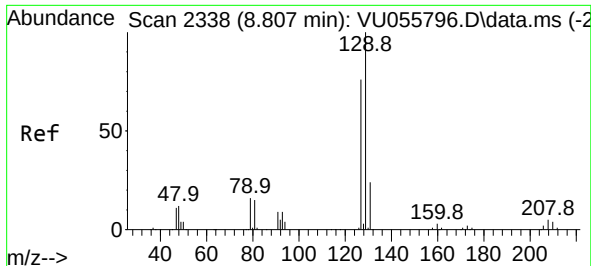
Ion Ratio Lower Upper

43 100

58 56.0 38.2 78.2

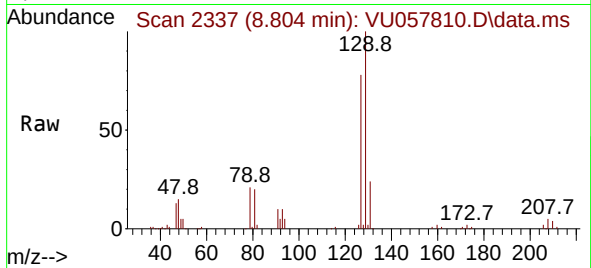
57 19.5 0.0 39.1





#55
Dibromochloromethane
Concen: 10.496 ug/l
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

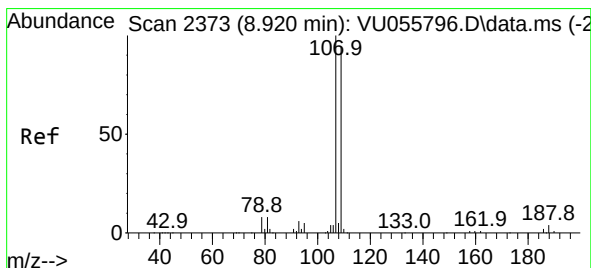
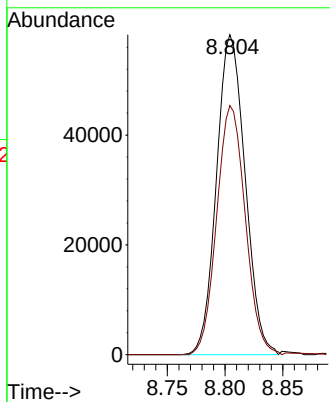
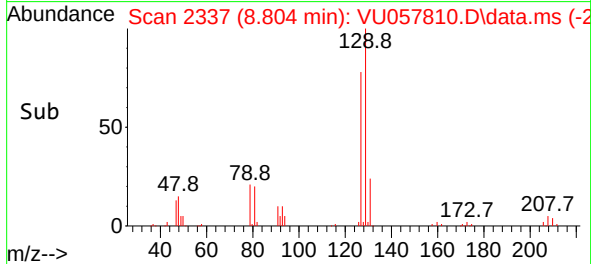
Instrument :
MSVOA_U
ClientSampleId :
ICVVU020524



Tgt Ion:129 Resp: 100528
Ion Ratio Lower Upper
129 100
127 77.6 61.4 92.0

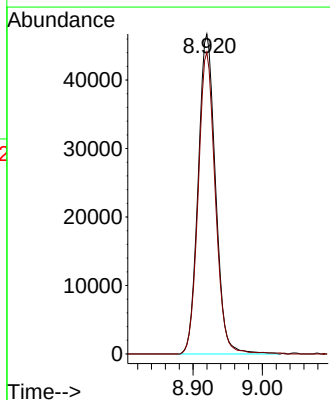
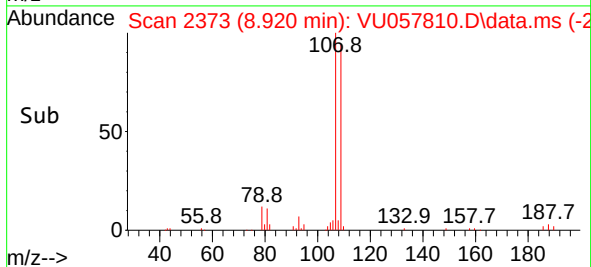
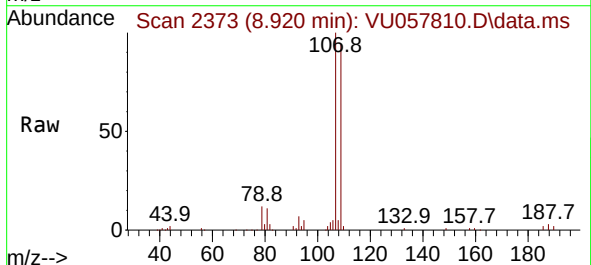
Manual Integrations
APPROVED

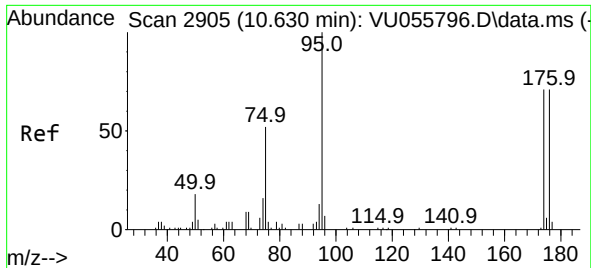
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#56
1,2-Dibromoethane
Concen: 10.789 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

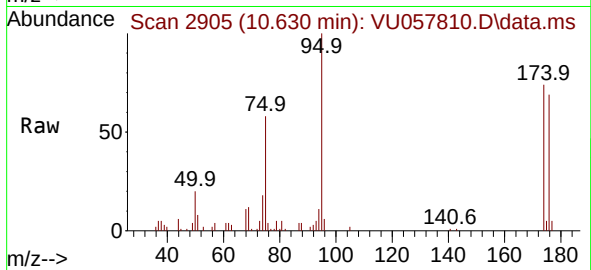
Tgt Ion:107 Resp: 81032
Ion Ratio Lower Upper
107 100
109 93.0 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 1.004 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

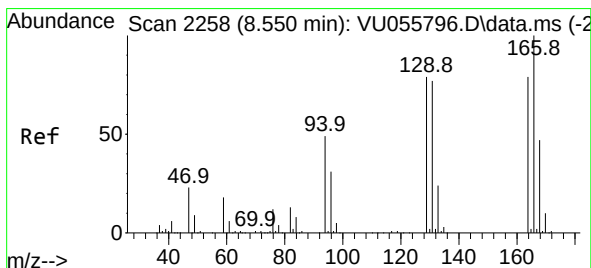
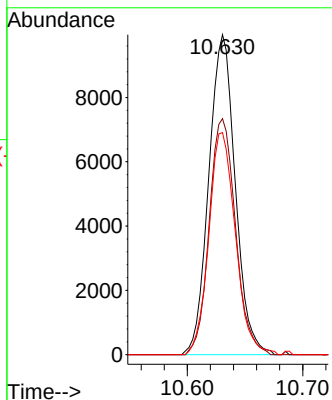
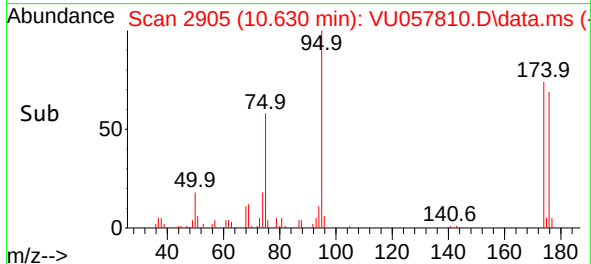
Instrument : MSVOA_U
ClientSampleId : VU057810.D
ICVVU020524



Tgt Ion: 95 Resp: 1583
Ion Ratio Lower Upper
95 100
174 73.4 63.3 94.9
176 69.8 59.3 88.9

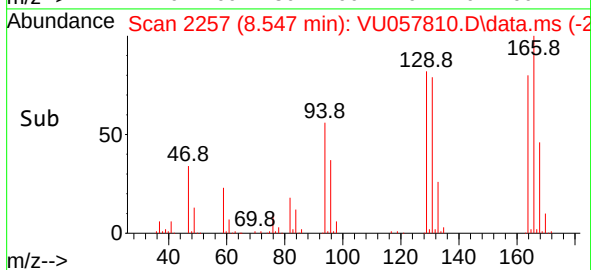
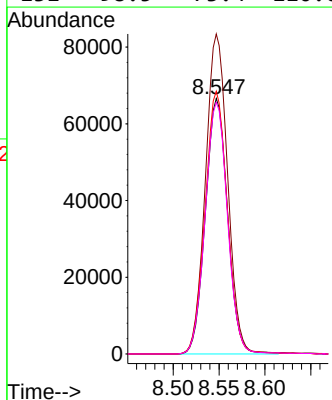
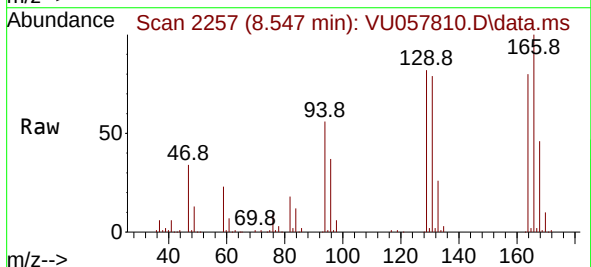
Manual Integrations
APPROVED

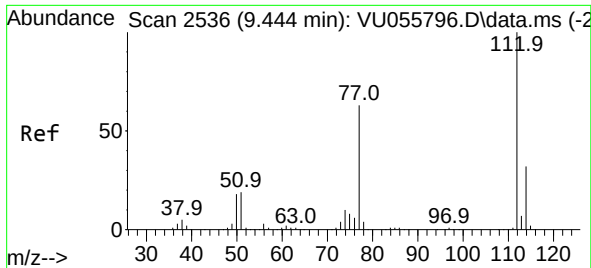
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#58
Tetrachloroethene
Concen: 10.432 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

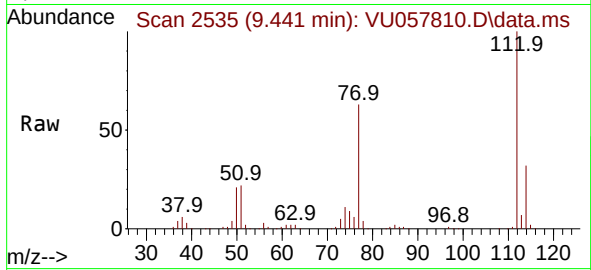
Tgt Ion:164 Resp: 111774
Ion Ratio Lower Upper
164 100
166 125.3 99.6 149.4
129 102.8 78.6 117.8
131 98.5 73.4 110.0





#59
Chlorobenzene
Concen: 10.051 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

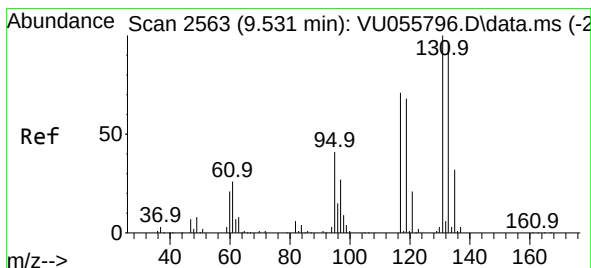
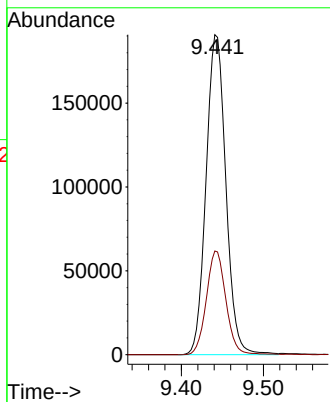
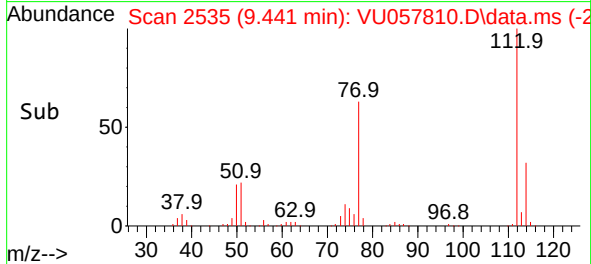
Instrument :
MSVOA_U
ClientSampleId :
ICVVU020524



Tgt Ion:112 Resp: 32058
Ion Ratio Lower Upper
112 100
114 32.4 25.6 38.4

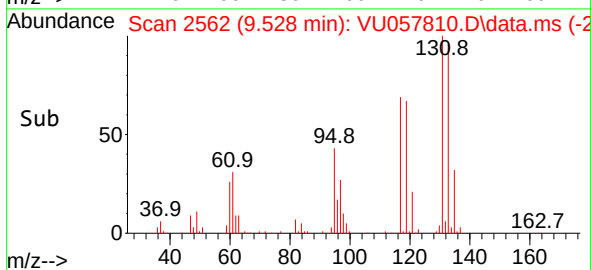
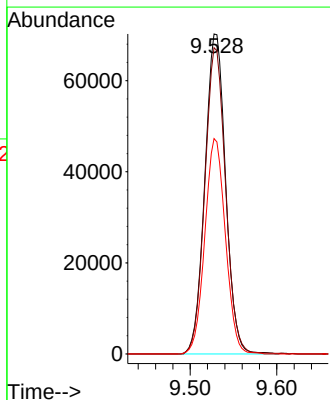
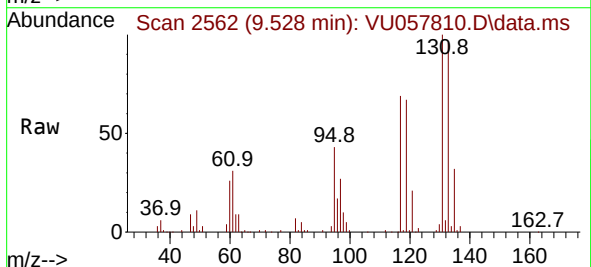
Manual Integrations
APPROVED

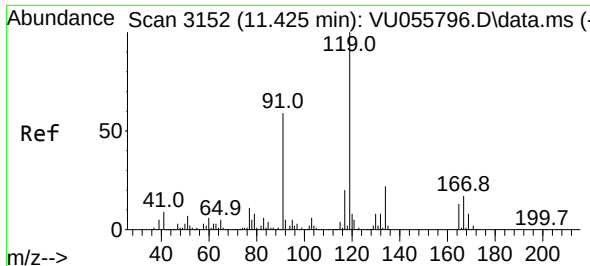
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#60
1,1,1,2-Tetrachloroethane
Concen: 10.685 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

Tgt Ion:131 Resp: 116830
Ion Ratio Lower Upper
131 100
133 95.9 77.8 116.6
119 66.8 55.2 82.8





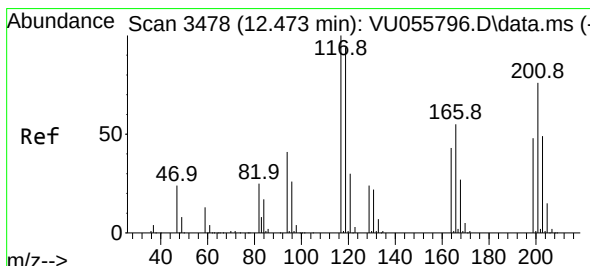
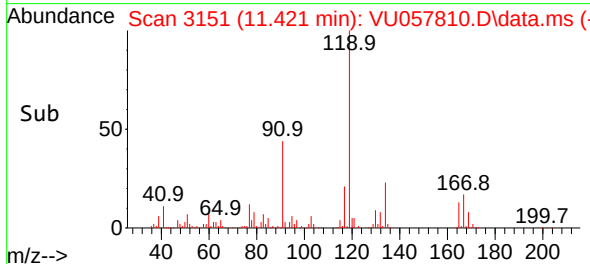
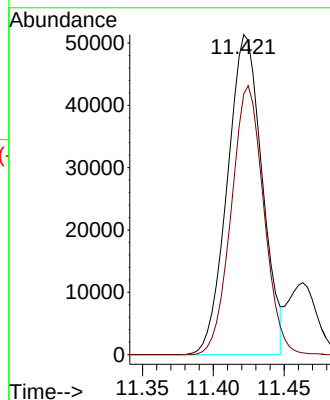
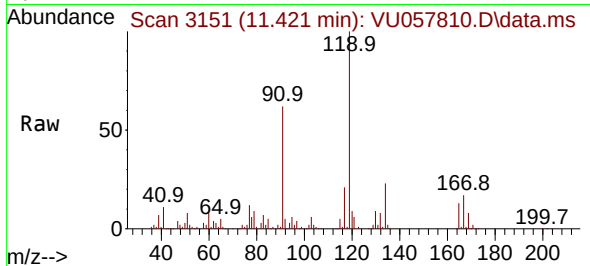
#61
Pentachloroethane
Concen: 10.879 ug/l
RT: 11.421 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

Instrument : MSVOA_U
ClientSampleId : ICVVU020524

Tgt Ion:117 Resp: 87699
Ion Ratio Lower Upper
117 100
167 78.6 56.7 85.1

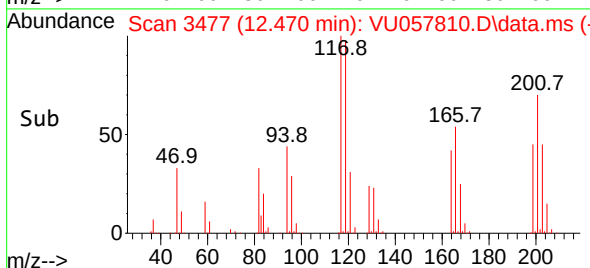
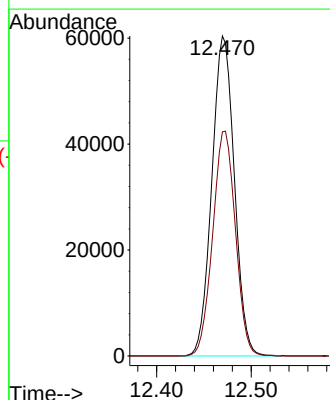
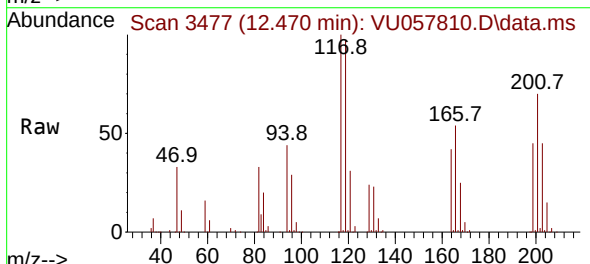
Manual Integrations
APPROVED

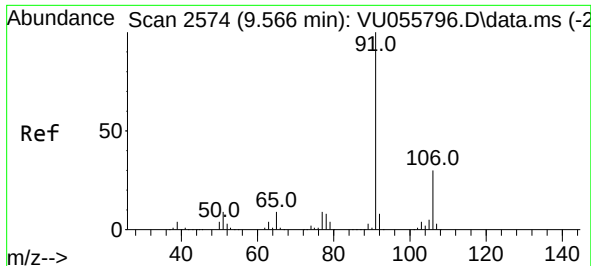
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#62
Hexachloroethane
Concen: 10.705 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. -0.003 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

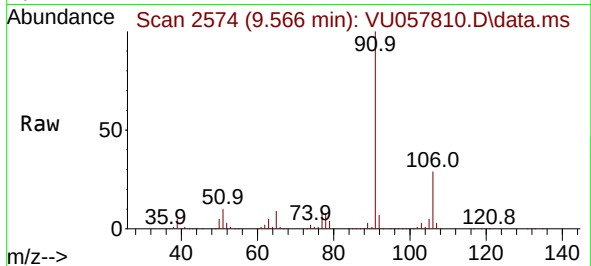
Tgt Ion:117 Resp: 100012
Ion Ratio Lower Upper
117 100
201 70.9 59.6 89.4





#63
Ethyl Benzene
Concen: 10.727 ug/l
RT: 9.566 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

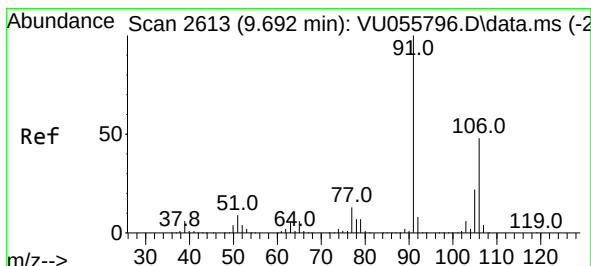
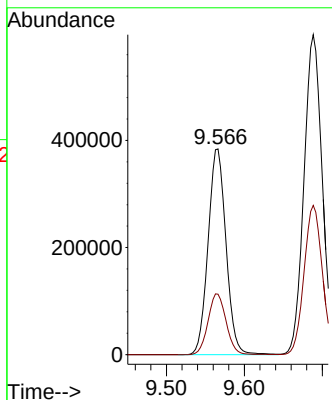
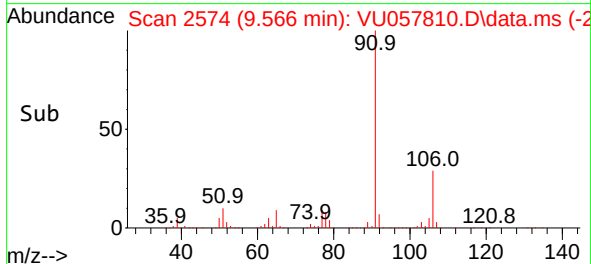
Instrument :
MSVOA_U
ClientSampleId :
ICVVU020524



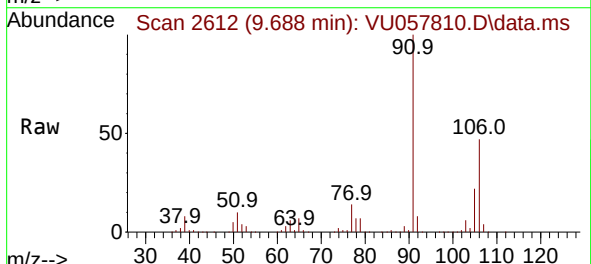
Tgt Ion: 91 Resp: 615684
Ion Ratio Lower Upper
91 100
106 29.4 24.2 36.2

Manual Integrations
APPROVED

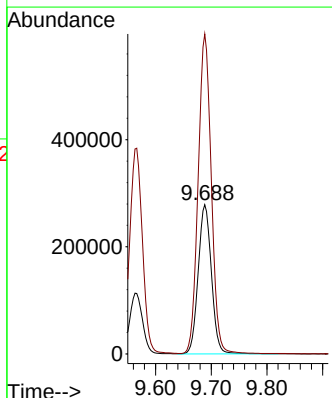
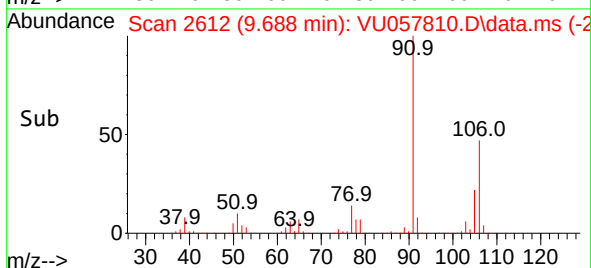
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

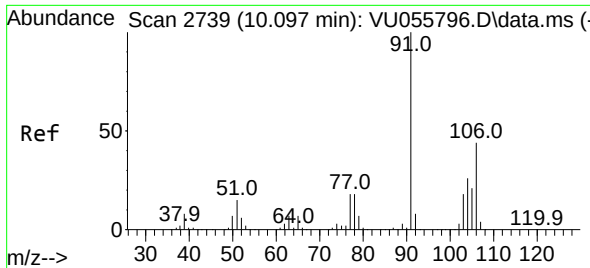


#64
m/p-Xylenes
Concen: 21.825 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44



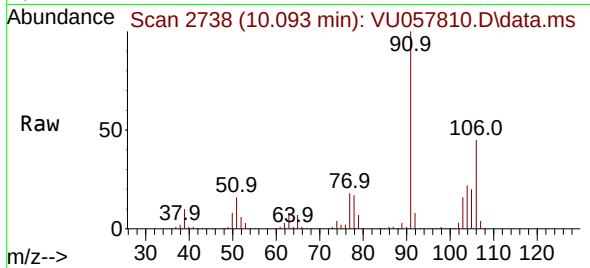
Tgt Ion:106 Resp: 458985
Ion Ratio Lower Upper
106 100
91 213.4 167.3 250.9





#65
o-Xylene
Concen: 10.696 ug/l
RT: 10.093 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

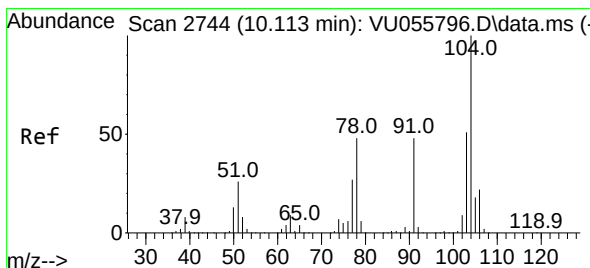
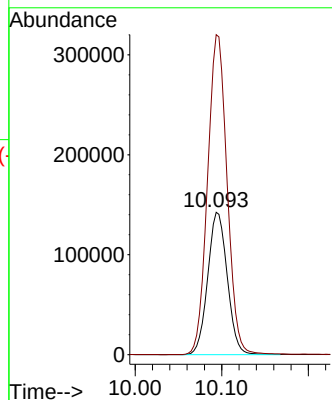
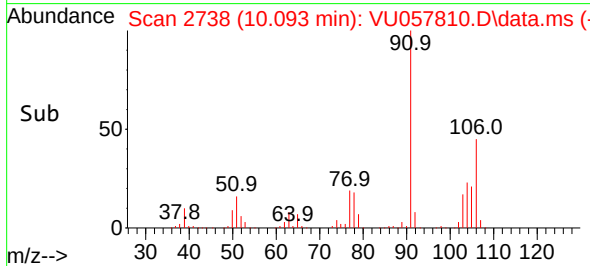
Instrument :
MSVOA_U
ClientSampleId :
ICVVU020524



Tgt Ion:106 Resp: 223448
Ion Ratio Lower Upper
106 100
91 225.1 109.3 327.9

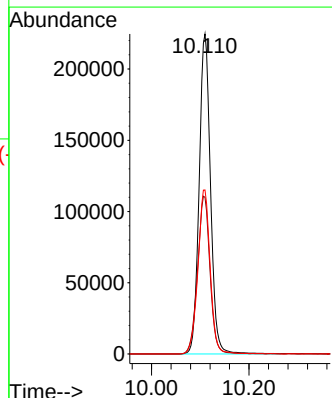
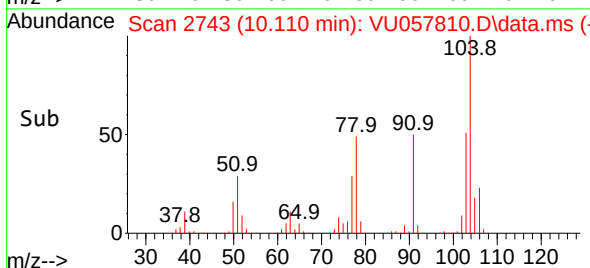
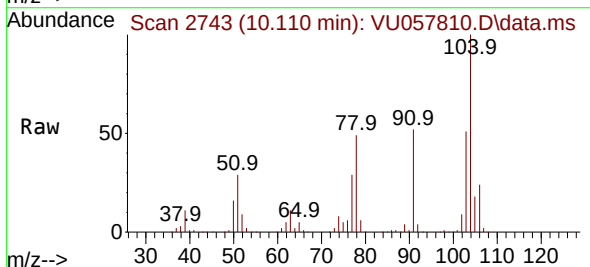
Manual Integrations
APPROVED

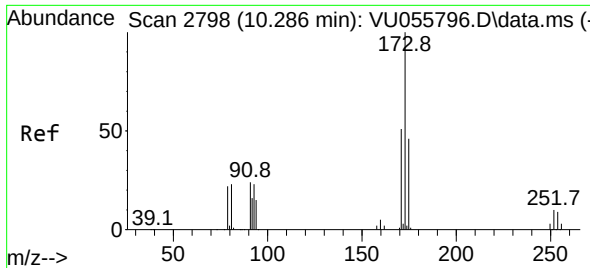
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#66
Styrene
Concen: 11.295 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

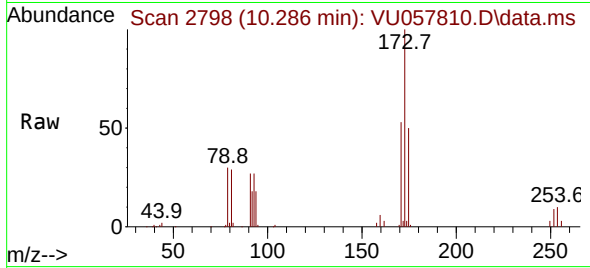
Tgt Ion:104 Resp: 364431
Ion Ratio Lower Upper
104 100
78 54.1 39.7 59.5
103 55.3 44.8 67.2





#67
Bromoform
Concen: 11.193 ug/l
RT: 10.286 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

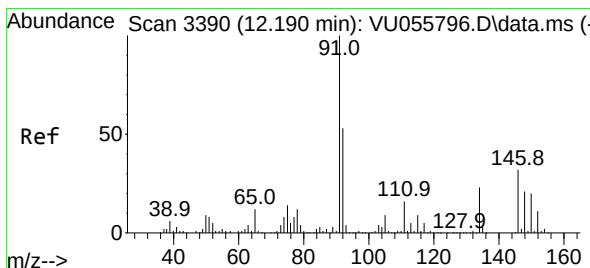
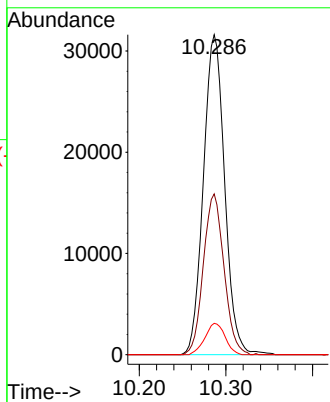
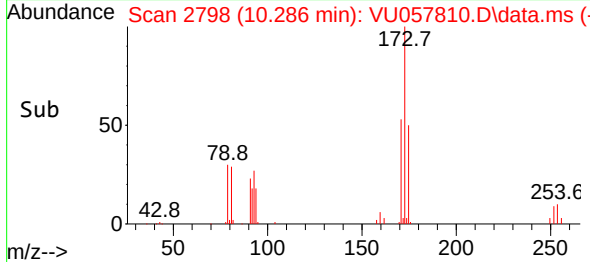
Instrument :
MSVOA_U
ClientSampleId :
ICVVU020524



Tgt Ion:173 Resp: 5394
Ion Ratio Lower Upper
173 100
175 48.6 39.0 58.6
254 9.3 7.4 11.0

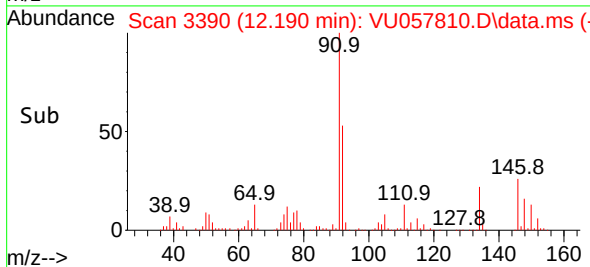
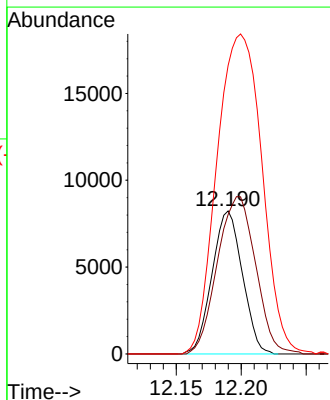
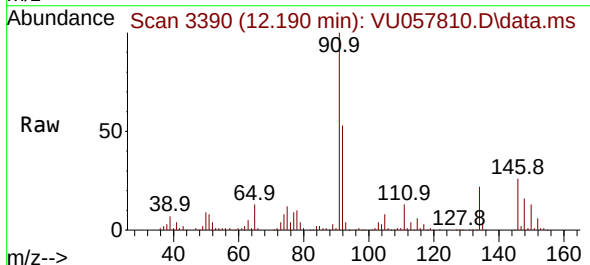
Manual Integrations
APPROVED

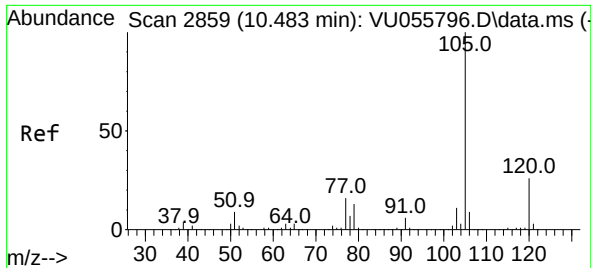
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#68
1,2-Dichlorobenzene-d4
Concen: 0.958 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. -0.003 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

Tgt Ion:152 Resp: 13367
Ion Ratio Lower Upper
152 100
115 138.7 0.0 308.8
150 332.2 0.0 635.0





#69
Isopropylbenzene
Concen: 10.790 ug/l
RT: 10.479 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

Instrument :

MSVOA_U

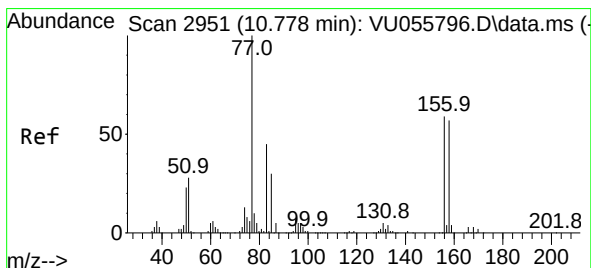
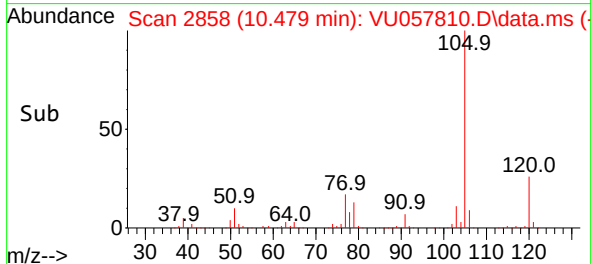
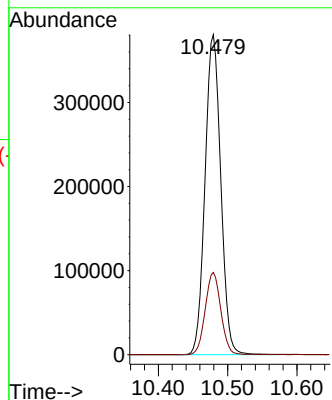
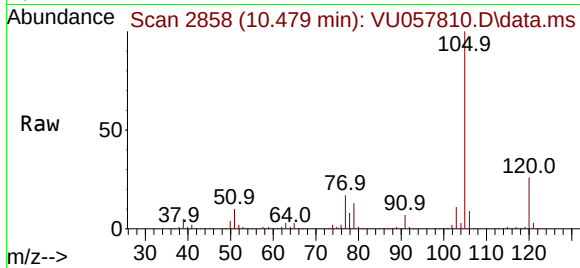
ClientSampleId :

ICVVU020524

Tgt Ion:105 Resp: 59811
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.4

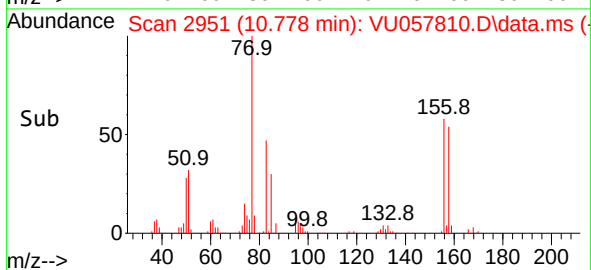
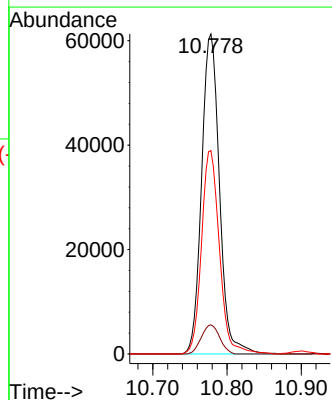
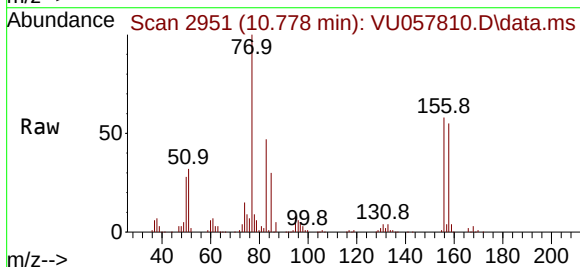
Manual Integrations
APPROVED

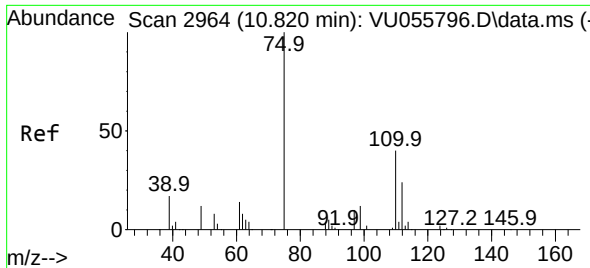
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#70
1,1,2,2-Tetrachloroethane
Concen: 10.608 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

Tgt Ion: 83 Resp: 102407
Ion Ratio Lower Upper
83 100
131 9.3 7.2 10.8
85 63.7 50.5 75.7





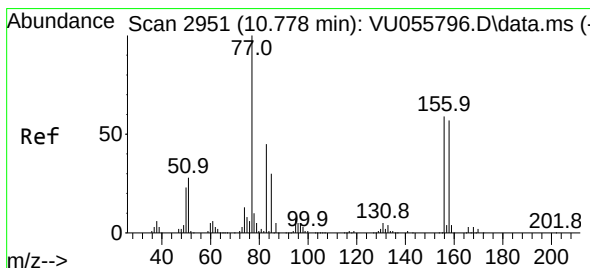
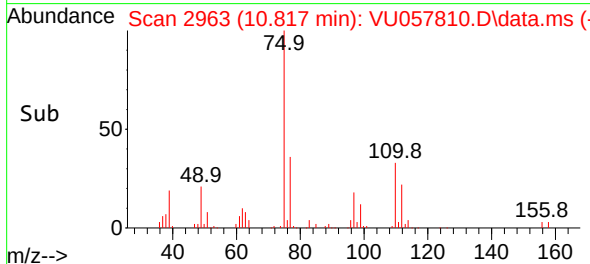
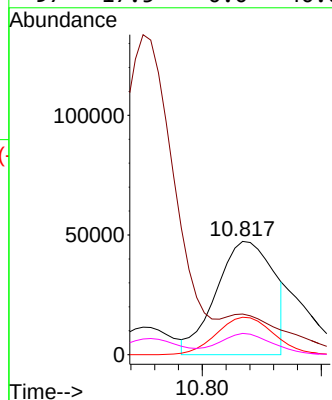
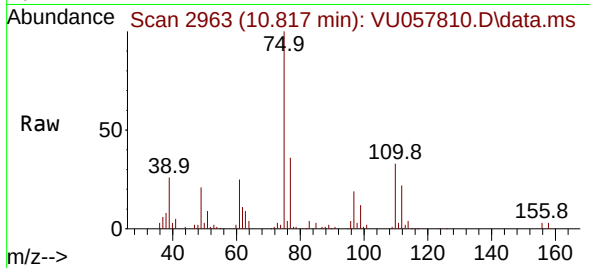
#71
1,2,3-Trichloropropane
Concen: 9.262 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. -0.016 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

Instrument : MSVOA_U
ClientSampleId : ICVVU020524

Tgt Ion: 75	Resp: 7901
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 116.4
110 33.3	0.0 74.6
97 17.5	0.0 40.0

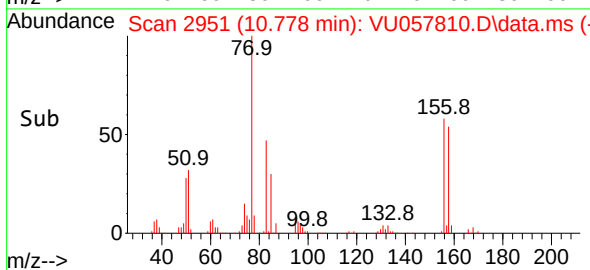
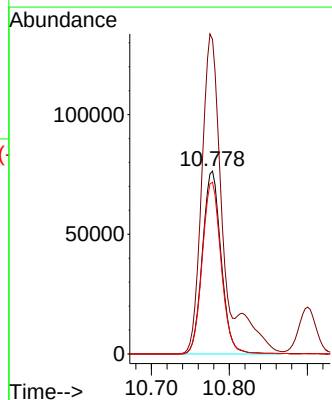
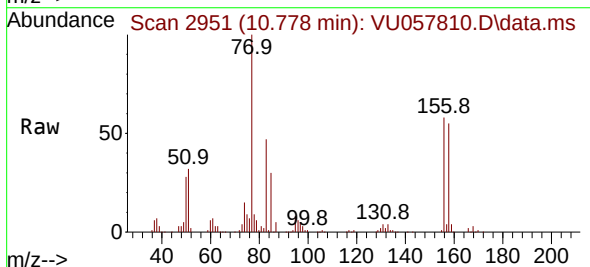
Manual Integrations
APPROVED

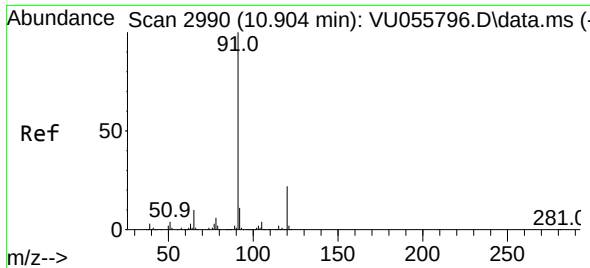
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#72
Bromobenzene
Concen: 10.728 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

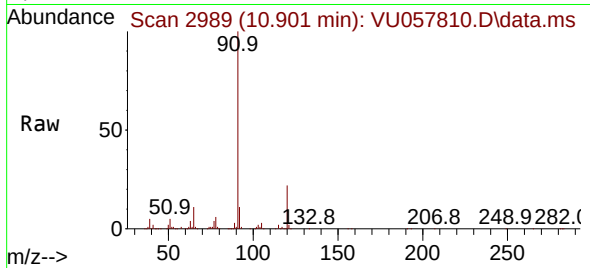
Tgt Ion:156	Resp: 127388
Ion Ratio	Lower Upper
156 100	
77 174.6	0.0 343.0
158 94.7	0.0 194.8





#73
n-propylbenzene
Concen: 10.981 ug/l
RT: 10.901 min Scan# 2990
Delta R.T. 0.000 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

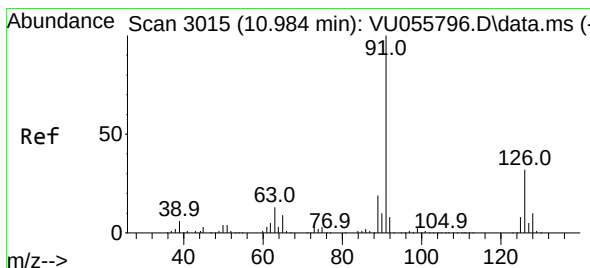
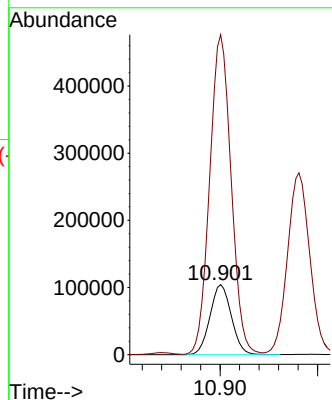
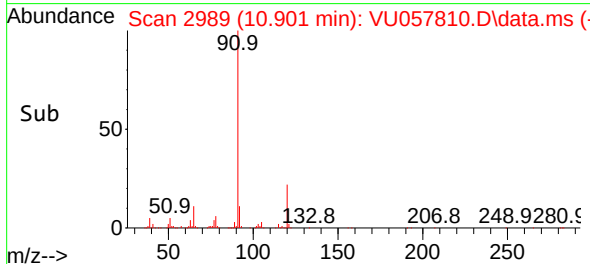
Instrument :
MSVOA_U
ClientSampleId :
ICVVU020524



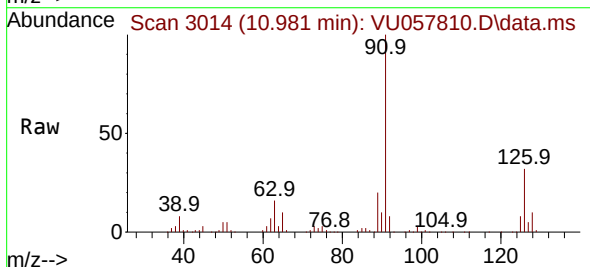
Tgt Ion:120 Resp: 158784
Ion Ratio Lower Upper
120 100
91 458.1 369.8 554.6

Manual Integrations
APPROVED

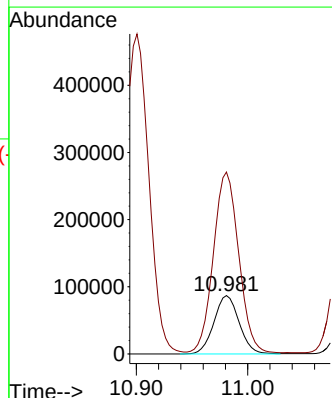
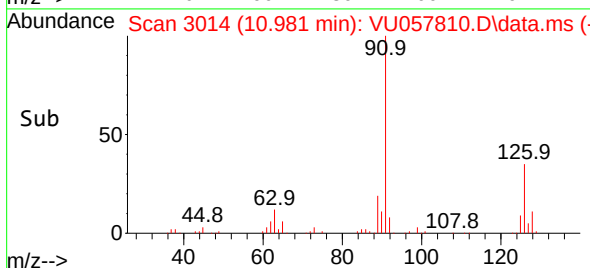
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

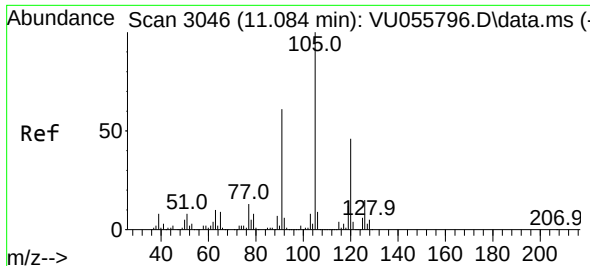


#74
2-Chlorotoluene
Concen: 10.798 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.000 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44



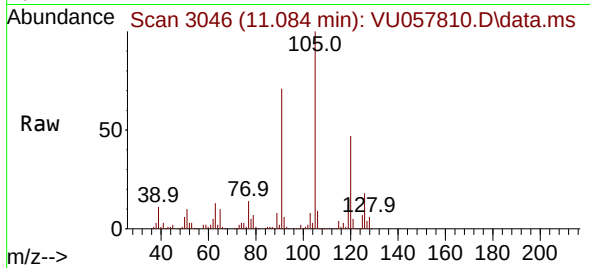
Tgt Ion:126 Resp: 136398
Ion Ratio Lower Upper
126 100
91 311.1 0.0 610.0





#75
1,3,5-Trimethylbenzene
Concen: 10.964 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

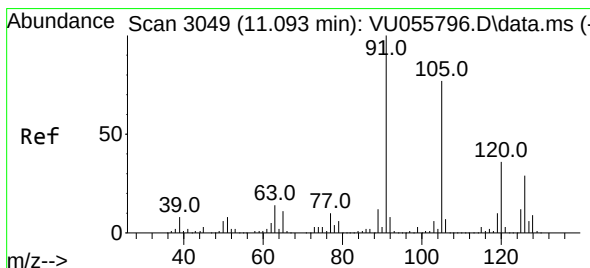
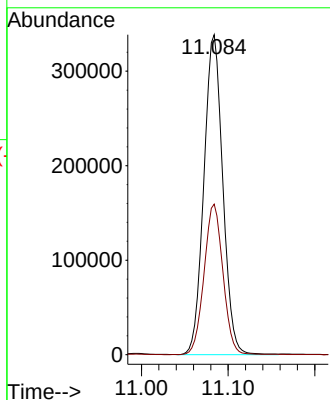
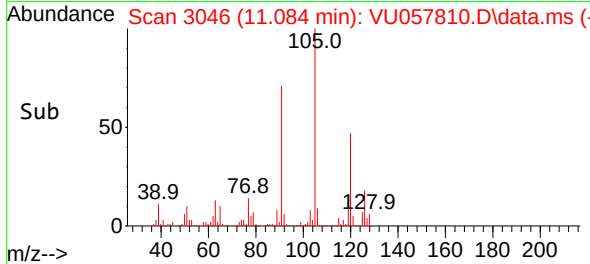
Instrument :
MSVOA_U
ClientSampleId :
ICVVU020524



Tgt Ion:105 Resp: 513614
Ion Ratio Lower Upper
105 100
120 47.0 37.8 56.8

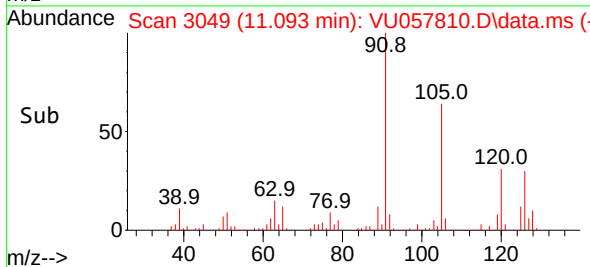
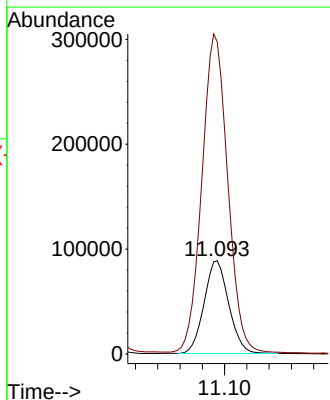
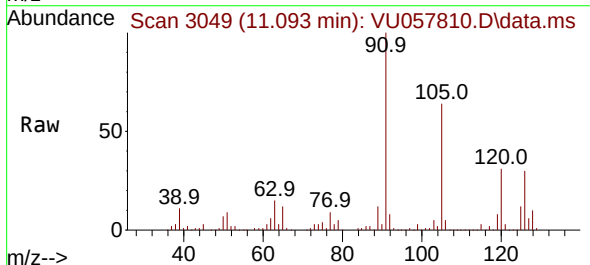
Manual Integrations
APPROVED

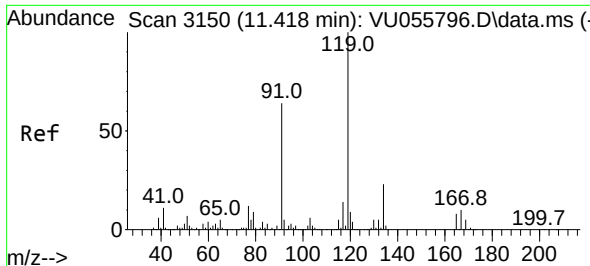
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#76
4-Chlorotoluene
Concen: 10.672 ug/l
RT: 11.093 min Scan# 3049
Delta R.T. 0.000 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

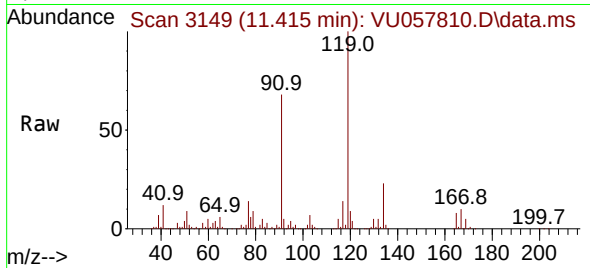
Tgt Ion:126 Resp: 135740
Ion Ratio Lower Upper
126 100
91 363.1 0.0 686.2





#77
tert-Butylbenzene
Concen: 10.676 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

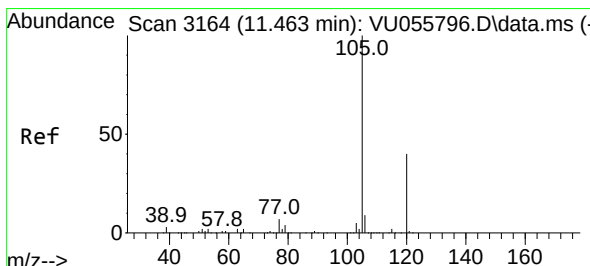
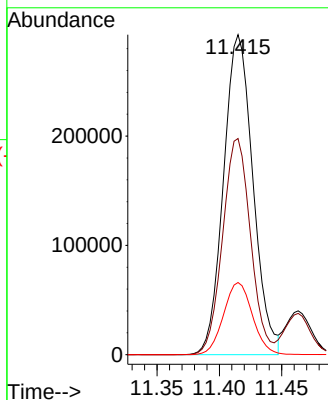
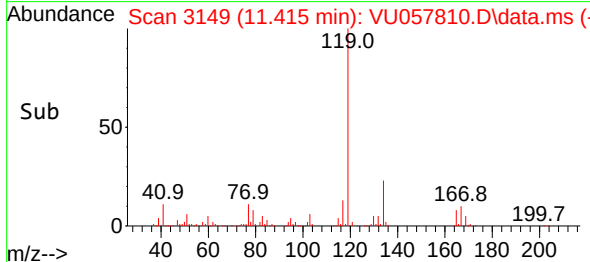
Instrument :
MSVOA_U
ClientSampleId :
ICVVU020524



Tgt Ion:119 Resp: 48195
Ion Ratio Lower Upper
119 100
91 64.4 30.8 92.4
134 22.2 18.0 27.0

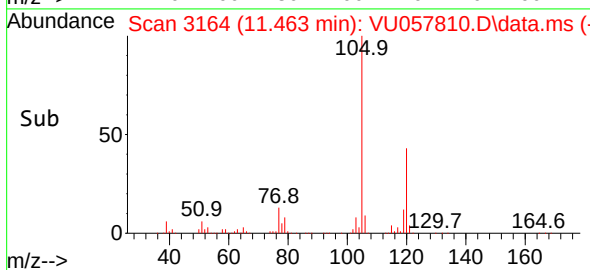
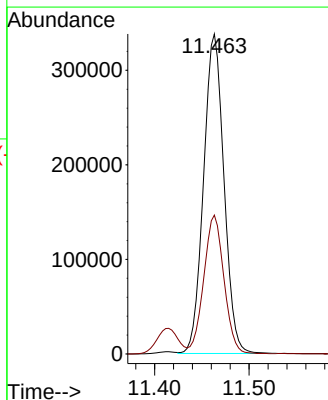
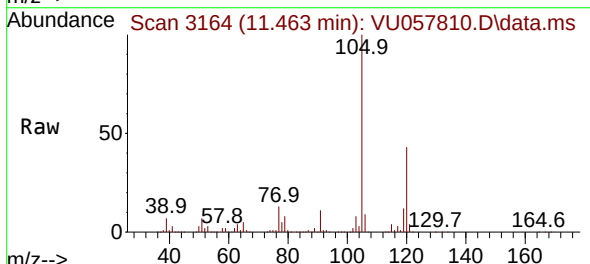
Manual Integrations
APPROVED

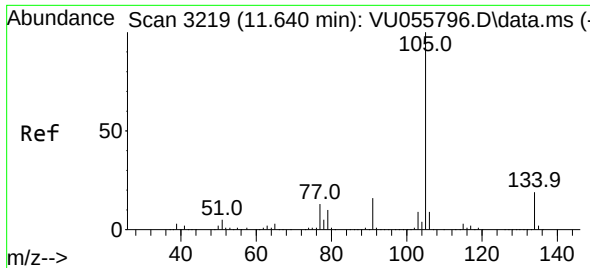
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#78
1,2,4-Trimethylbenzene
Concen: 10.676 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

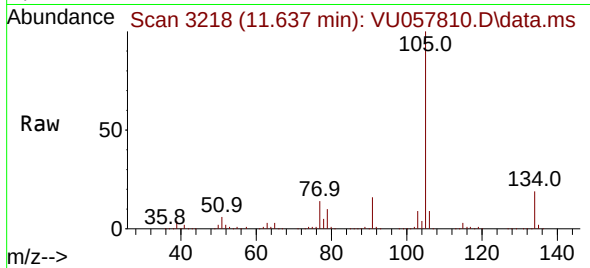
Tgt Ion:105 Resp: 505889
Ion Ratio Lower Upper
105 100
120 43.0 21.9 65.8





#79
 sec-Butylbenzene
 Concen: 10.839 ug/l
 RT: 11.637 min Scan# 3219
 Delta R.T. -0.003 min
 Lab File: VU057810.D
 Acq: 05 Feb 2024 17:44

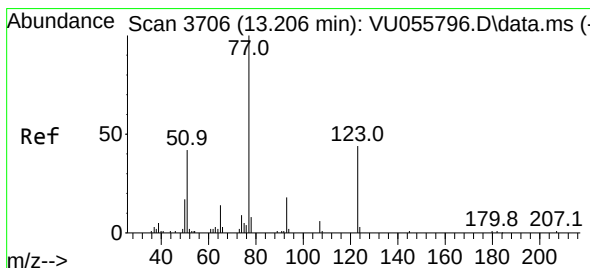
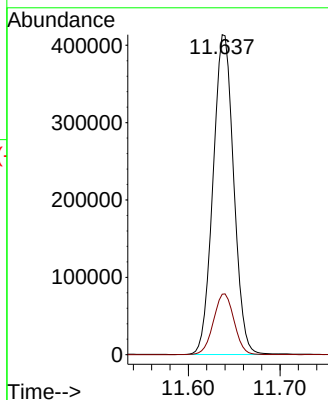
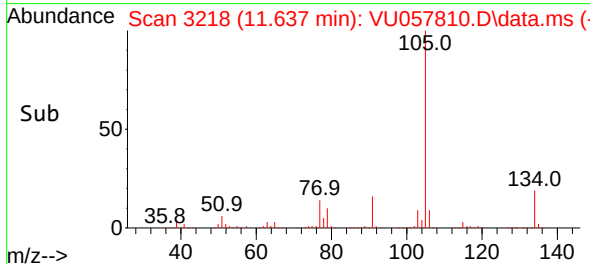
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU020524



Tgt Ion:105 Resp: 64618
 Ion Ratio Lower Upper
 105 100
 134 19.1 14.9 22.3

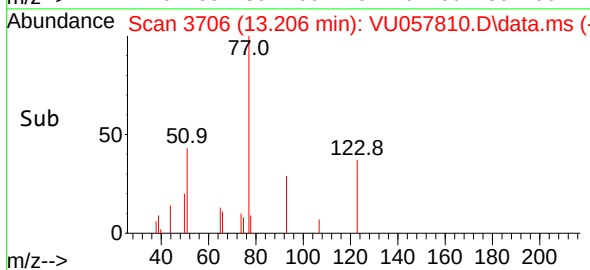
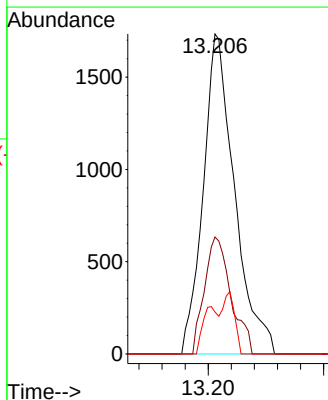
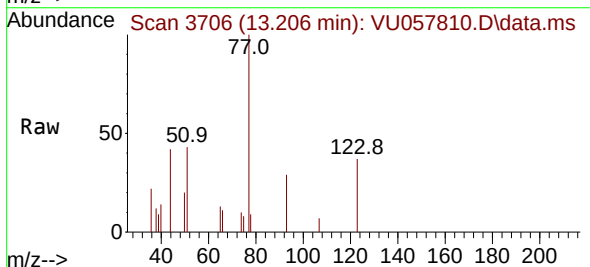
Manual Integrations
 APPROVED

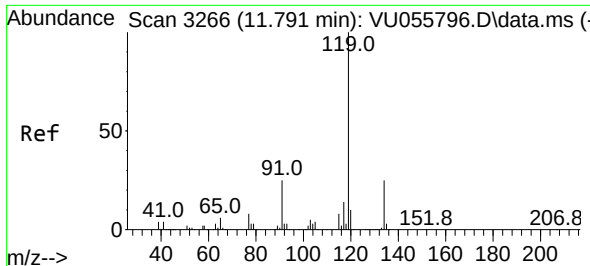
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024



#80
 Nitrobenzene
 Concen: 11.896 ug/l
 RT: 13.206 min Scan# 3706
 Delta R.T. -0.000 min
 Lab File: VU057810.D
 Acq: 05 Feb 2024 17:44

Tgt Ion: 77 Resp: 3253
 Ion Ratio Lower Upper
 77 100
 123 31.0 19.7 69.7
 65 0.0 11.5 14.7#





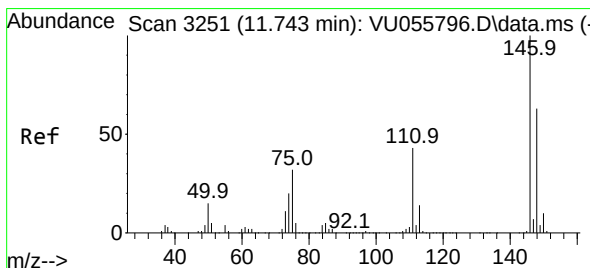
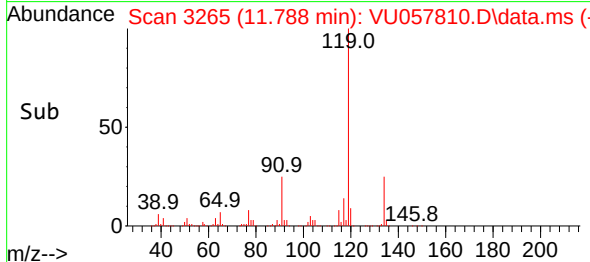
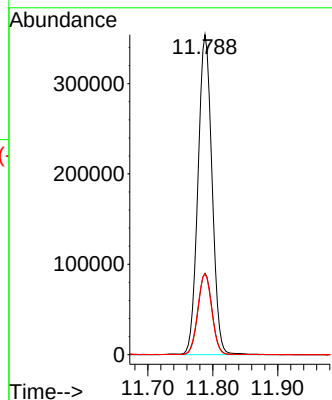
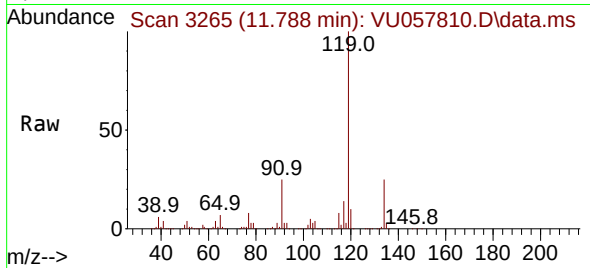
#81
p-Isopropyltoluene
Concen: 10.882 ug/l
RT: 11.788 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

Instrument :
MSVOA_U
ClientSampleId :
ICVVU020524

Tgt Ion:119 Resp: 53337
Ion Ratio Lower Upper
119 100
134 25.2 20.2 30.4
91 25.1 19.3 28.9

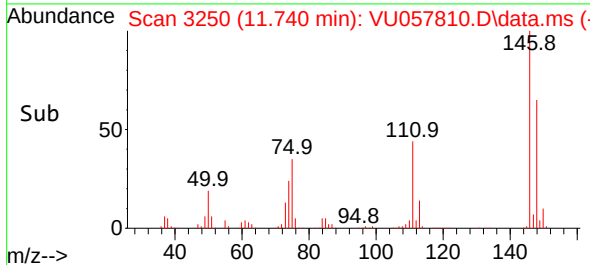
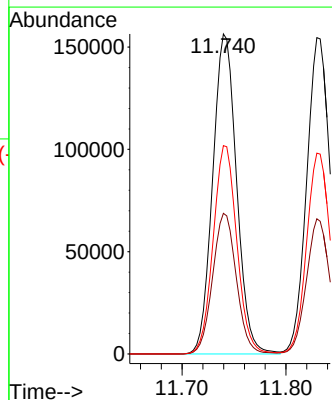
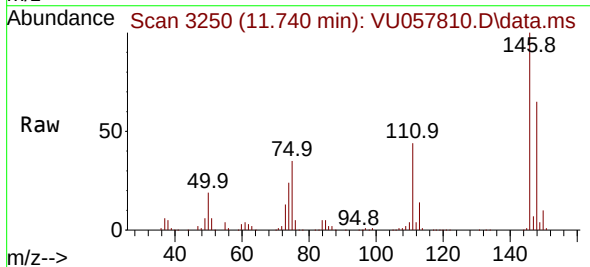
Manual Integrations
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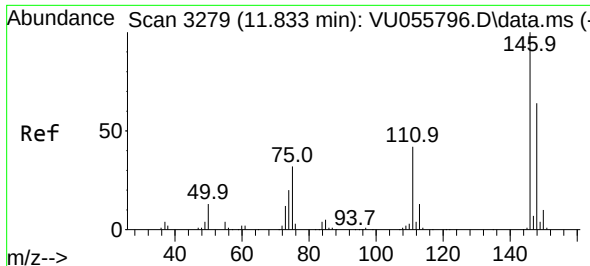
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#82
1,3-Dichlorobenzene
Concen: 10.537 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. -0.003 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

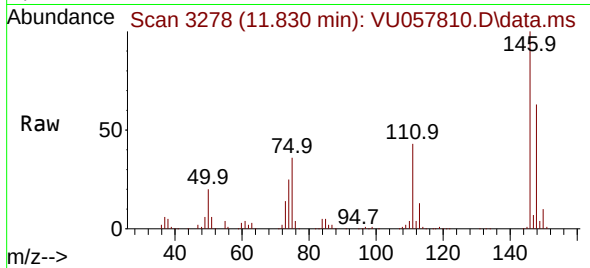
Tgt Ion:146 Resp: 250115
Ion Ratio Lower Upper
146 100
111 43.6 32.6 49.0
148 64.5 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 10.705 ug/l
RT: 11.830 min Scan# 31
Delta R.T. -0.006 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

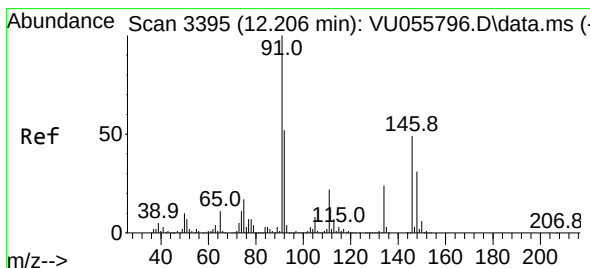
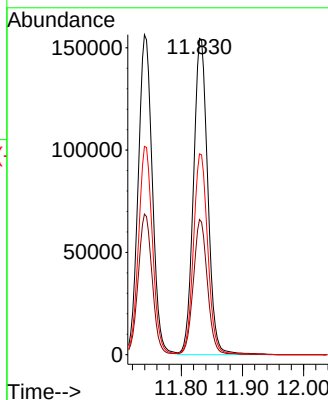
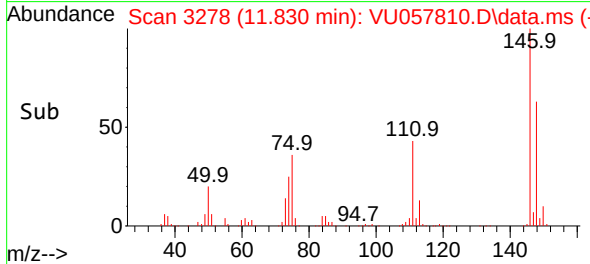
Instrument :
MSVOA_U
ClientSampleId :
ICVVU020524



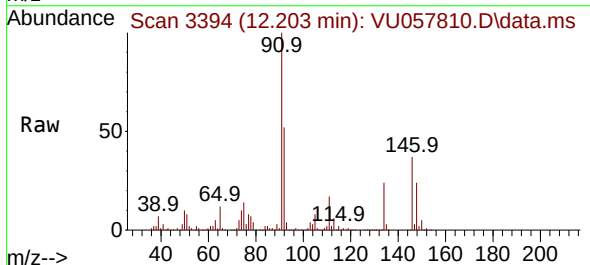
Tgt Ion:146 Resp: 251740
Ion Ratio Lower Upper
146 100
111 41.6 31.6 47.4
148 63.7 50.3 75.5

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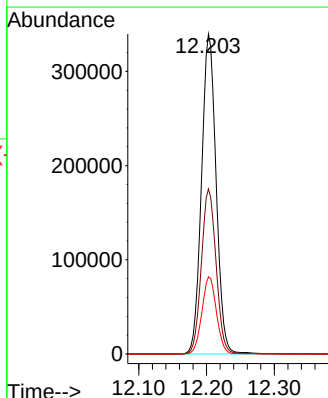
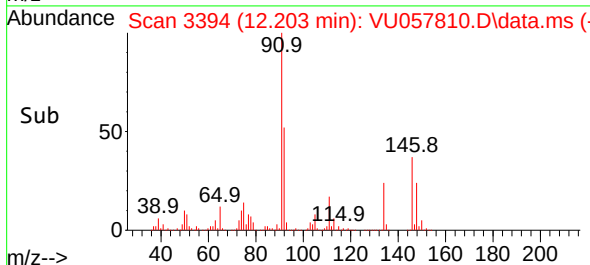
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

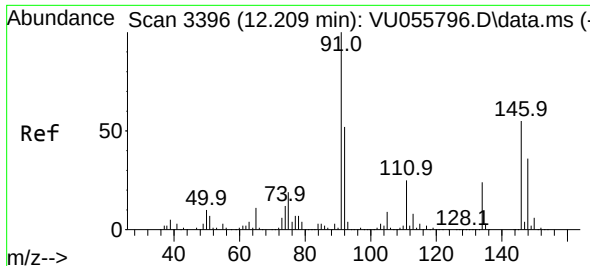


#84
n-Butylbenzene
Concen: 10.865 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. -0.003 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44



Tgt Ion: 91 Resp: 508205
Ion Ratio Lower Upper
91 100
92 51.9 40.8 61.2
134 24.0 18.4 27.6





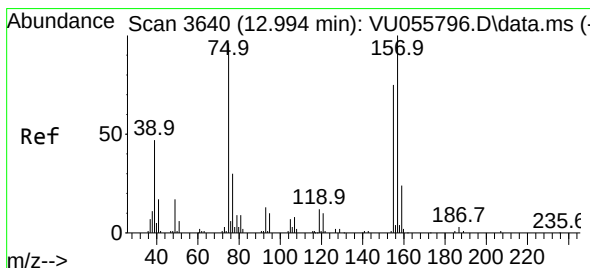
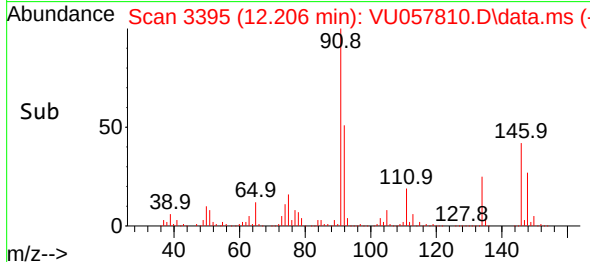
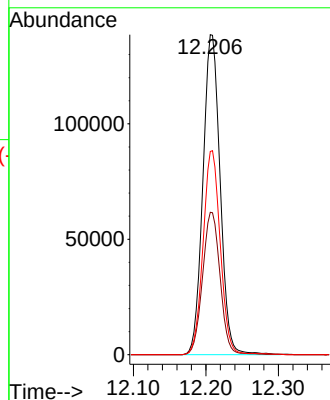
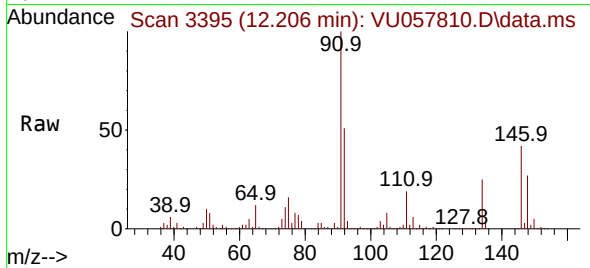
#85
1,2-Dichlorobenzene
Concen: 10.382 ug/l
RT: 12.206 min Scan# 31
Delta R.T. -0.006 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

Instrument :
MSVOA_U
ClientSampleId :
ICVVU020524

Tgt Ion:146 Resp: 22888
Ion Ratio Lower Upper
146 100
111 45.3 21.6 64.6
148 63.4 32.1 96.5

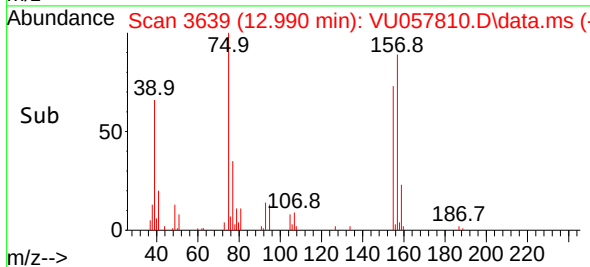
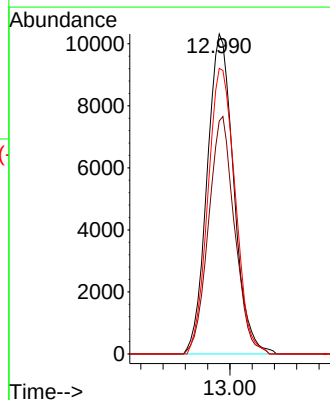
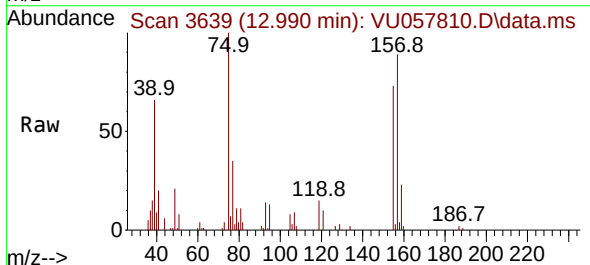
Manual Integrations
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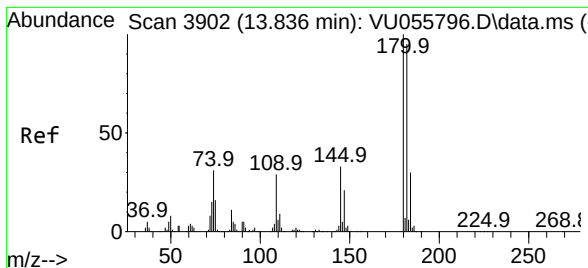
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#86
1,2-Dibromo-3-Chloropropane
Concen: 10.609 ug/l
RT: 12.990 min Scan# 3639
Delta R.T. -0.003 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

Tgt Ion: 75 Resp: 17101
Ion Ratio Lower Upper
75 100
155 72.9 61.8 92.8
157 91.3 80.2 120.4





#87

1,2,4-Trichlorobenzene

Concen: 11.030 ug/l

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU057810.D

Acq: 05 Feb 2024 17:44

Instrument :

MSVOA_U

ClientSampleId :

ICVVU020524

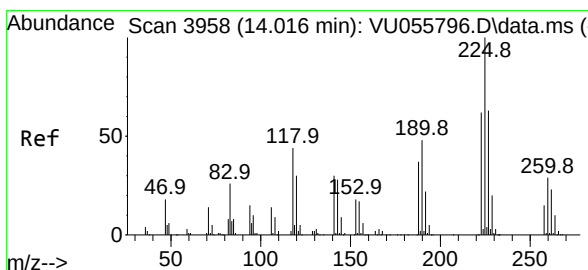
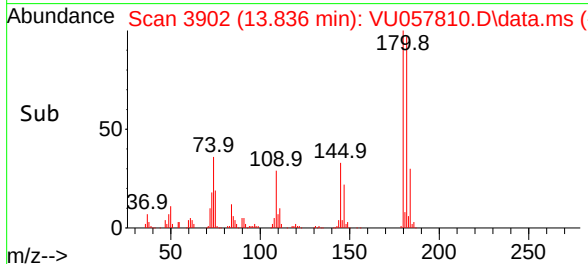
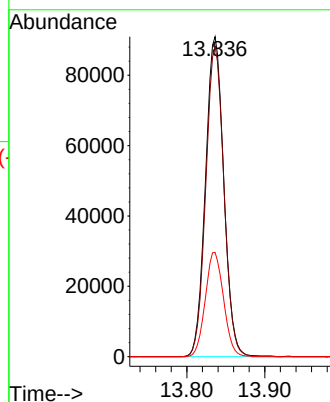
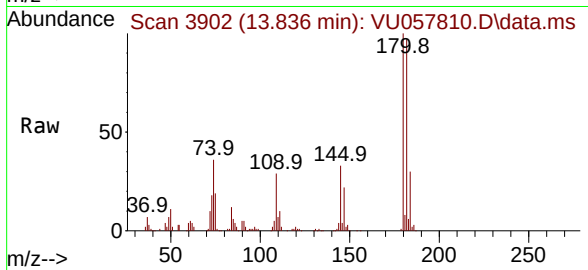
Tgt Ion:180	Resp: 14846
Ion Ratio	Lower Upper
180 100	
182 96.0	75.8 113.6
145 32.6	23.9 35.9

Manual Integrations

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Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#88

Hexachlorobutadiene

Concen: 9.924 ug/l

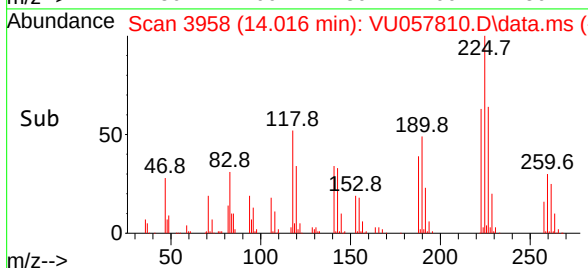
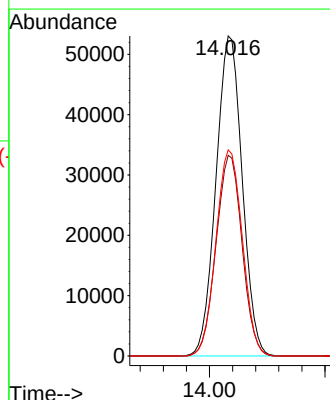
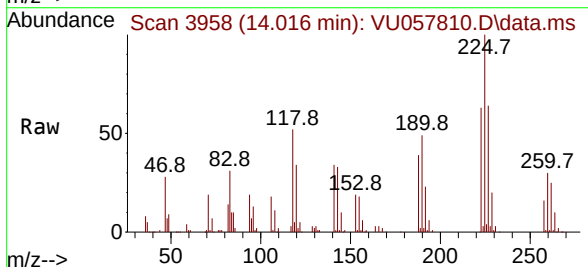
RT: 14.016 min Scan# 3958

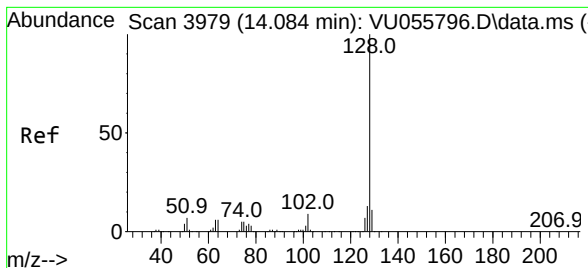
Delta R.T. 0.000 min

Lab File: VU057810.D

Acq: 05 Feb 2024 17:44

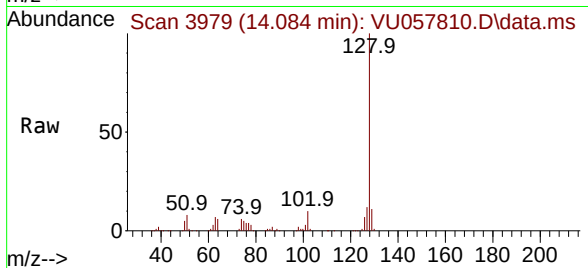
Tgt Ion:225	Resp: 83706
Ion Ratio	Lower Upper
225 100	
223 62.2	50.2 75.4
227 64.6	51.5 77.3





#89
Naphthalene
Concen: 10.775 ug/l
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44

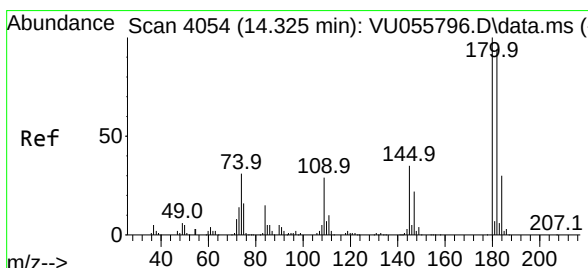
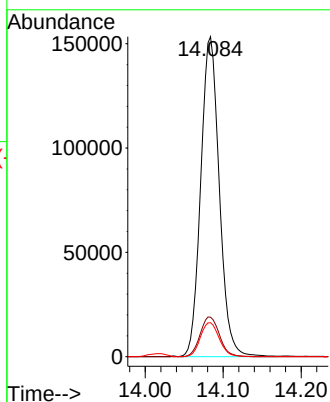
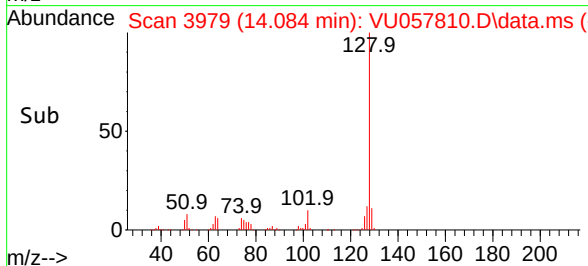
Instrument :
MSVOA_U
ClientSampleId :
ICVVU020524



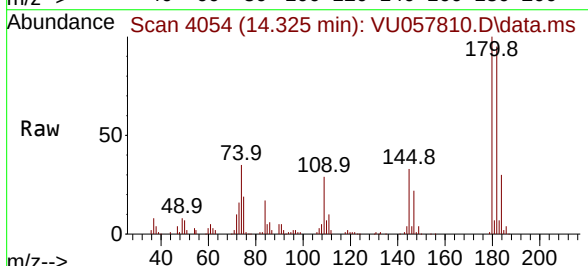
Tgt Ion:128 Resp: 25394
Ion Ratio Lower Upper
128 100
127 13.0 10.9 16.3
129 10.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#90
1,2,3-Trichlorobenzene
Concen: 10.904 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU057810.D
Acq: 05 Feb 2024 17:44



Tgt Ion:180 Resp: 125930
Ion Ratio Lower Upper
180 100
182 96.1 75.7 113.5
145 34.3 26.1 39.1

