

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020224\
 Data File : VU057800.D
 Acq On : 02 Feb 2024 18:30
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

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

Quant Time: Feb 03 05:56:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U013124DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Feb 02 00:27:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	41110	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	15076	0.968	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	14368	1.025	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	138320	10.105	ug/l	100
3) Chloromethane	1.518	50	130517	9.937	ug/l	99
4) Vinyl Chloride	1.602	62	141554	10.569	ug/l	100
5) Bromomethane	1.856	94	83859	10.551	ug/l	96
6) Chloroethane	1.930	64	90608	10.709	ug/l	99
7) Trichlorofluoromethane	2.132	101	206356	10.061	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	106863	10.135	ug/l	96
9) 1,1-Dichloroethene	2.573	96	104974	10.275	ug/l	98
10) Iodomethane	2.718	142	140991	11.635	ug/l	96
11) Allyl Chloride	2.917	41	149403	10.781	ug/l	88
12) Acrylonitrile	3.319	53	40259	23.089	ug/l	99
13) Acetone	2.644	43	144009	45.635	ug/l	96
14) Carbon Disulfide	2.788	76	336111	10.278	ug/l	100
15) Methylene Chloride	3.039	84	124677	10.217	ug/l	97
16) trans-1,2-Dichloroethene	3.345	96	118117	10.589	ug/l	98
17) 1,1-Dichloroethane	3.859	63	226130	10.738	ug/l	100
18) 2-Butanone	4.708	43	166787	49.037	ug/l	99
19) Cyclohexane	5.383	56	167638	10.158	ug/l	87
20) Methylcyclohexane	6.756	83	205819	10.320	ug/l	97
21) 2,2-Dichloropropane	4.656	77	191693	10.251	ug/l	98
22) cis-1,2-Dichloroethene	4.660	96	128405	10.510	ug/l	95
23) Diethyl Ether	2.370	59	77073	10.451	ug/l	98
24) tert-Butyl Alcohol	3.251	59	92934m	110.872	ug/l	
25) Methyl tert-Butyl Ether	3.354	73	254317	10.608	ug/l	94
26) Bromochloromethane	4.965	128	51089	10.410	ug/l	98
27) Chloroform	5.081	83	231364	10.568	ug/l	99
28) 1,1,1-Trichloroethane	5.306	97	207874	10.515	ug/l	100
29) 1,1-Dichloropropene	5.518	75	170013	10.630	ug/l	98
30) Carbon Tetrachloride	5.515	117	178734	10.493	ug/l	97
31) Isopropyl Ether	3.981	45	333767	10.831	ug/l	95
32) Ethyl-t-butyl ether	4.492	59	316292	11.054	ug/l	99
33) Tert-Amyl methyl ether	5.933	73	260161	10.801	ug/l	97
34) Propionitrile	4.792	54	40045	56.807	ug/l	# 12
35) Benzene	5.766	78	485993	10.554	ug/l	100
36) 1,2-Dichloroethane	5.788	62	140421	10.464	ug/l	98
37) Trichloroethene	6.537	130	126770	10.366	ug/l	99
38) 1,2-Dichloropropane	6.782	63	127975	10.718	ug/l	99
39) Methacrylonitrile	4.968	41	31584	11.241	ug/l	98
40) Methyl acrylate	4.843	55	56166	9.833	ug/l	99
41) Tetrahydrofuran	5.055	42	31390	20.925	ug/l	98
42) 1-Chlorobutane	5.451	56	227485	10.788	ug/l	96
43) Dibromomethane	6.914	93	58766	10.702	ug/l	96
44) Bromodichloromethane	7.100	83	164740	10.715	ug/l	98

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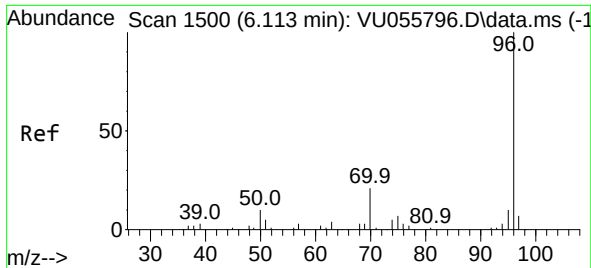
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.785	43	304868	52.095	ug/l	98
46) t-1,4-Dichloro-2-butene	10.833	75	36479m	22.920	ug/l	
47) Methyl methacrylate	6.955	69	107571	22.177	ug/l	95
48) Ethyl methacrylate	8.328	69	103320	10.627	ug/l	97
49) Toluene	7.965	92	298090	10.597	ug/l	98
50) t-1,3-Dichloropropene	8.203	75	144111	10.857	ug/l	100
51) cis-1,3-Dichloropropene	7.602	75	180022	10.708	ug/l	96
52) 1,1,2-Trichloroethane	8.393	97	80086	10.584	ug/l	99
53) 1,3-Dichloropropane	8.569	76	143874	10.580	ug/l	99
54) 2-Hexanone	8.679	43	251330	46.653	ug/l	98
55) Dibromochloromethane	8.804	129	98838	10.554	ug/l	99
56) 1,2-Dibromoethane	8.917	107	74558	10.707	ug/l	98
58) Tetrachloroethene	8.547	164	111262	10.311	ug/l	95
59) Chlorobenzene	9.441	112	325932	10.480	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.528	131	114213	10.817	ug/l	96
61) Pentachloroethane	11.421	117	82603	10.762	ug/l	89
62) Hexachloroethane	12.470	117	90396	8.971	ug/l	96
63) Ethyl Benzene	9.563	91	597579	10.804	ug/l	99
64) m/p-Xylenes	9.688	106	435325	21.670	ug/l	96
65) o-Xylene	10.094	106	214581	10.791	ug/l	96
66) Styrene	10.110	104	333211	11.227	ug/l	96
67) Bromoform	10.286	173	50543	10.485	ug/l	98
69) Isopropylbenzene	10.479	105	569001	10.915	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	97898	10.323	ug/l	98
71) 1,2,3-Trichloropropane	10.817	75	66071m	8.439	ug/l	
72) Bromobenzene	10.778	156	121662	10.605	ug/l	97
73) n-propylbenzene	10.901	120	144434	11.026	ug/l	99
74) 2-Chlorotoluene	10.981	126	131244	10.801	ug/l	97
75) 1,3,5-Trimethylbenzene	11.081	105	478010	10.675	ug/l	100
76) 4-Chlorotoluene	11.094	126	133529	10.934	ug/l	96
77) tert-Butylbenzene	11.415	119	441118	10.498	ug/l	98
78) 1,2,4-Trimethylbenzene	11.460	105	486098	10.703	ug/l	99
79) sec-Butylbenzene	11.637	105	555171	10.337	ug/l	99
80) Nitrobenzene	13.206	77	10700	44.944	ug/l #	92
81) p-Isopropyltoluene	11.788	119	474290	10.474	ug/l	98
82) 1,3-Dichlorobenzene	11.740	146	241025	10.392	ug/l	97
83) 1,4-Dichlorobenzene	11.830	146	237662	10.497	ug/l	98
84) n-Butylbenzene	12.203	91	467070	10.785	ug/l	99
85) 1,2-Dichlorobenzene	12.206	146	223159	10.605	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.991	75	15184	9.805	ug/l	98
87) 1,2,4-Trichlorobenzene	13.833	180	138826	11.041	ug/l	98
88) Hexachlorobutadiene	14.016	225	79817	9.893	ug/l	99
89) Naphthalene	14.081	128	208674	10.750	ug/l	99
90) 1,2,3-Trichlorobenzene	14.325	180	112322	10.738	ug/l	99

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

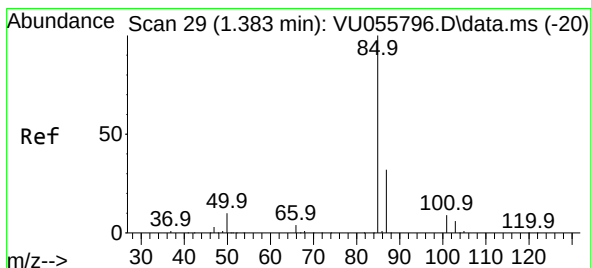
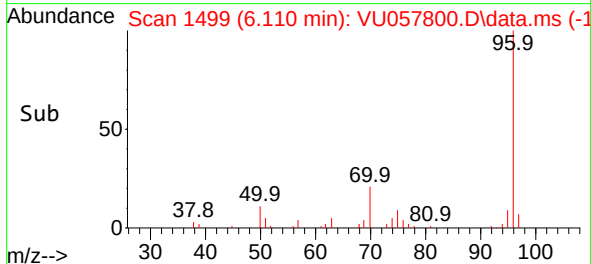
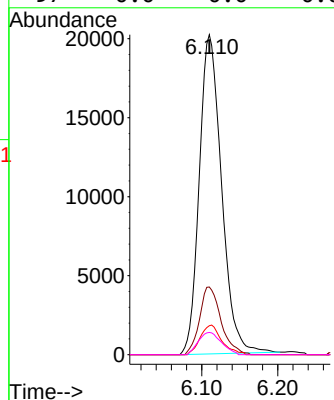
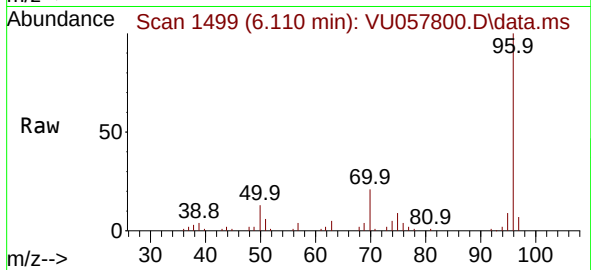
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 96 Resp: 41110

Ion	Ratio	Lower	Upper
96	100		
70	20.4	16.5	24.7
95	8.9	7.4	11.0
97	0.0	0.0	0.0

Manual Integrations
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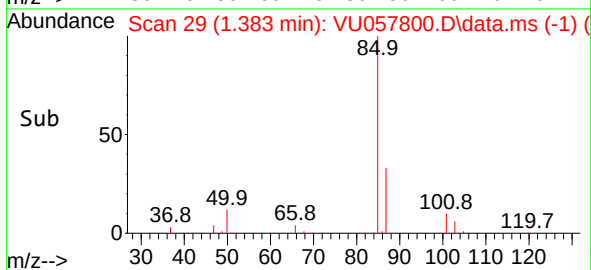
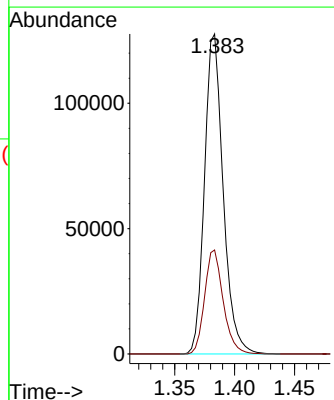
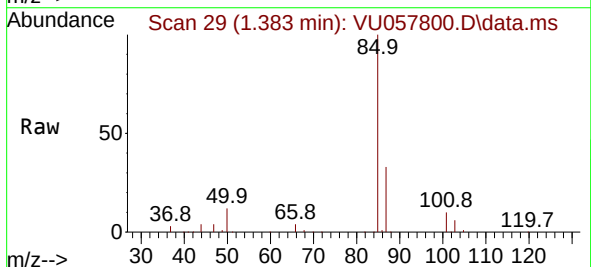
Reviewed By :John Carlone 02/14/2024
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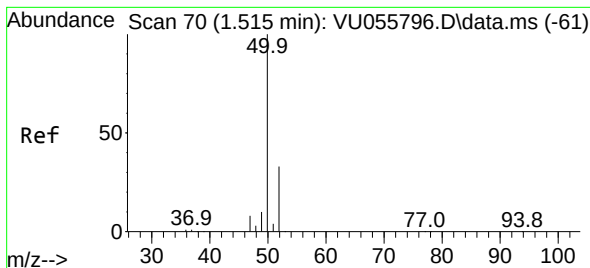


#2
Dichlorodifluoromethane
Concen: 10.105 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

Tgt Ion: 85 Resp: 138320

Ion	Ratio	Lower	Upper
85	100		
87	32.5	16.2	48.6





#3

Chloromethane

Concen: 9.937 ug/l

RT: 1.518 min Scan# 70

Delta R.T. 0.003 min

Lab File: VU057800.D

Acq: 02 Feb 2024 18:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 50 Resp: 13051

Ion Ratio Lower Upper

50 100

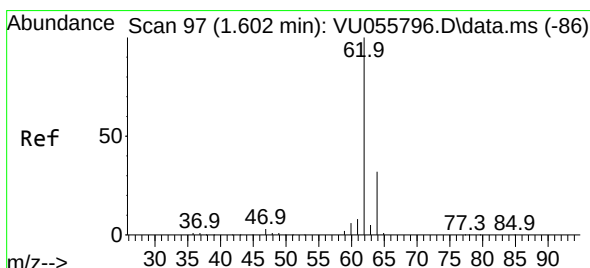
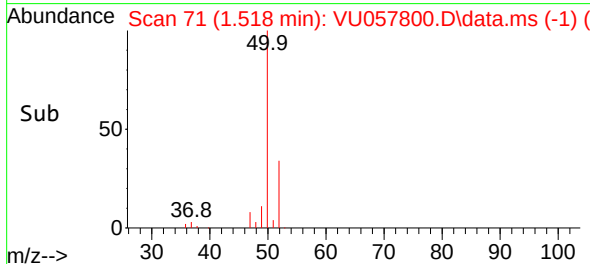
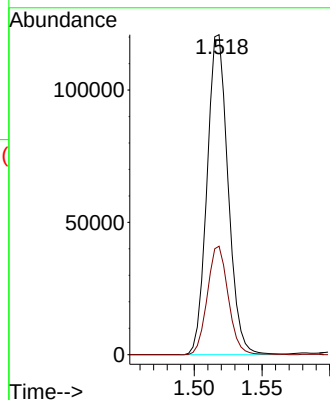
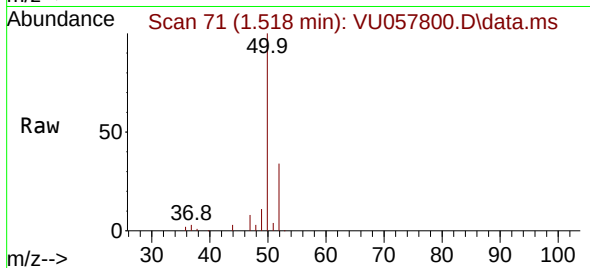
52 33.9 26.6 40.0

Manual Integrations

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Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#4

Vinyl Chloride

Concen: 10.569 ug/l

RT: 1.602 min Scan# 97

Delta R.T. -0.000 min

Lab File: VU057800.D

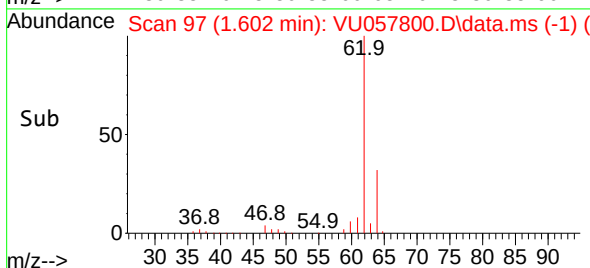
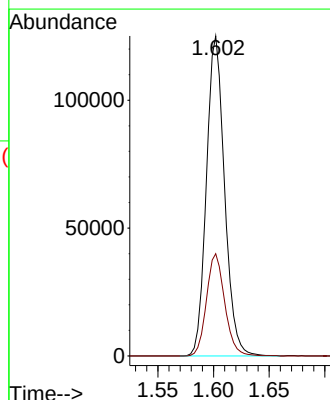
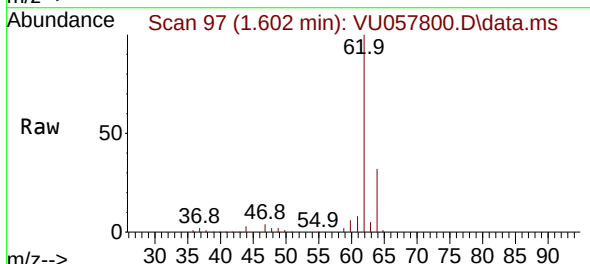
Acq: 02 Feb 2024 18:30

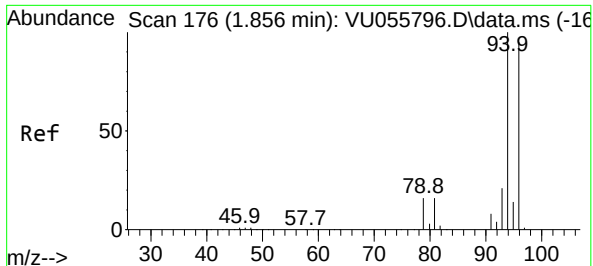
Tgt Ion: 62 Resp: 141554

Ion Ratio Lower Upper

62 100

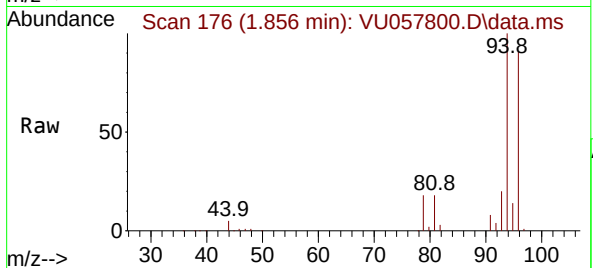
64 31.9 25.4 38.2





#5
Bromomethane
Concen: 10.551 ug/l
RT: 1.856 min Scan# 176
Delta R.T. -0.000 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

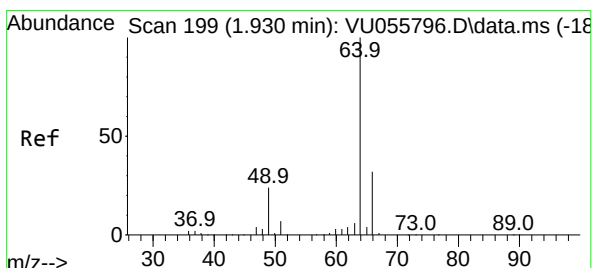
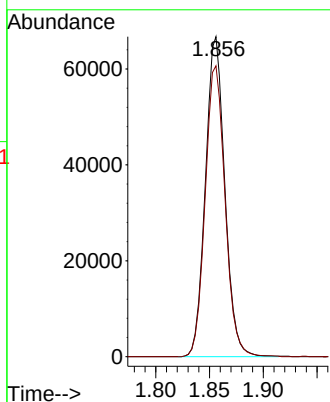
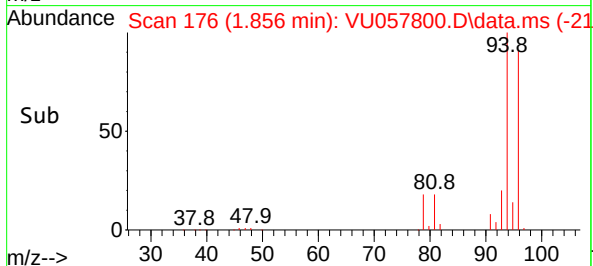
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 94 Resp: 83859
Ion Ratio Lower Upper
94 100
96 90.9 75.4 113.2

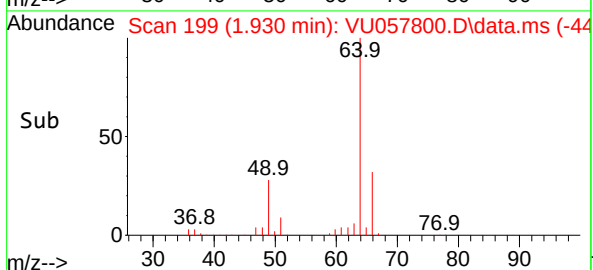
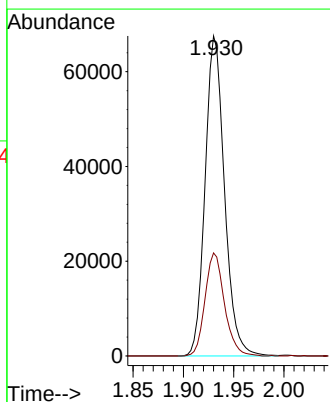
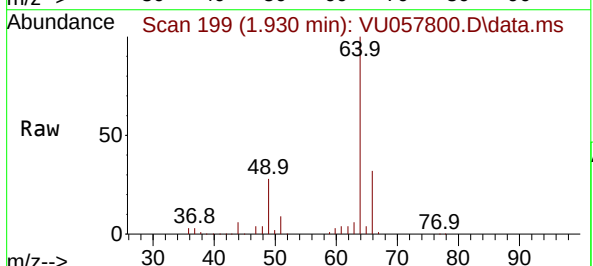
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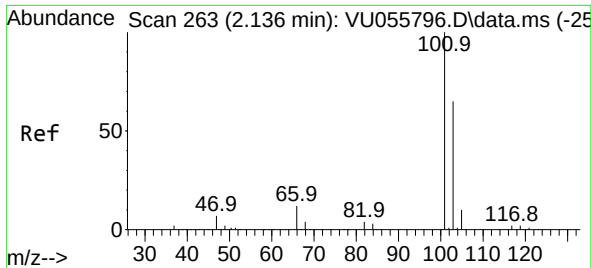
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#6
Chloroethane
Concen: 10.709 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

Tgt Ion: 64 Resp: 90608
Ion Ratio Lower Upper
64 100
66 32.2 26.0 39.0





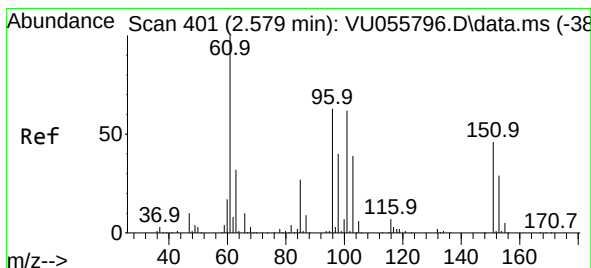
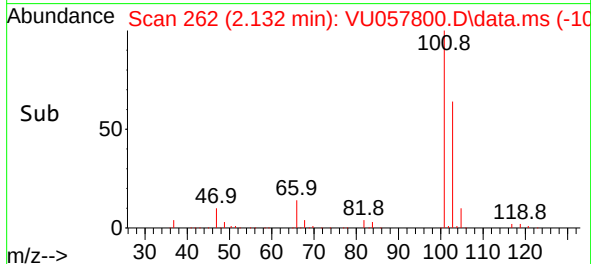
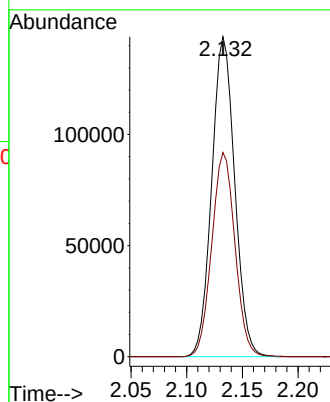
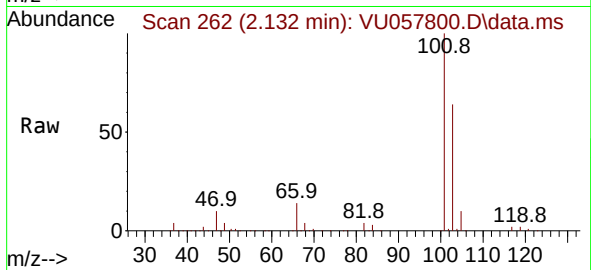
#7
Trichlorofluoromethane
Concen: 10.061 ug/l
RT: 2.132 min Scan# 20
Delta R.T. -0.004 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:101 Resp: 206350
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.0

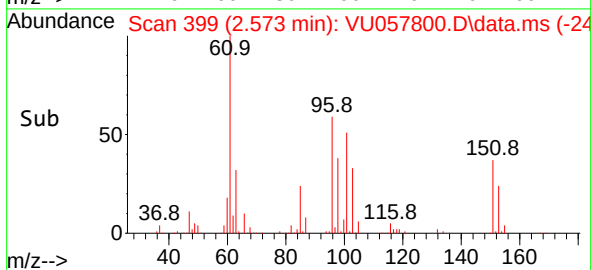
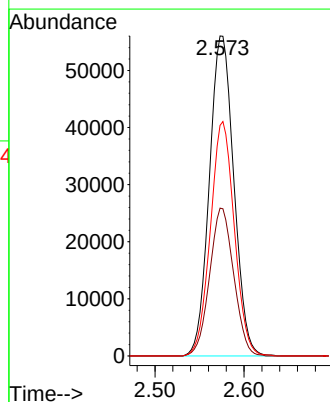
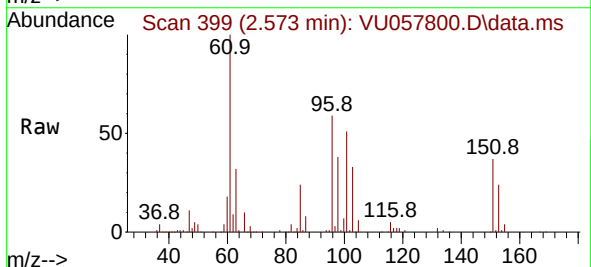
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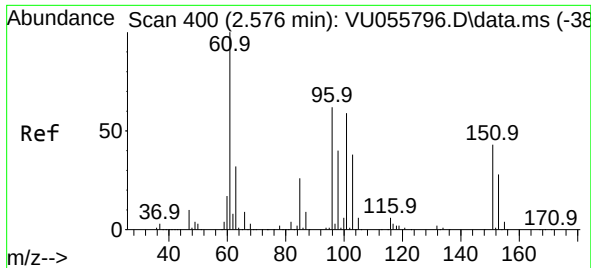
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.135 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.006 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

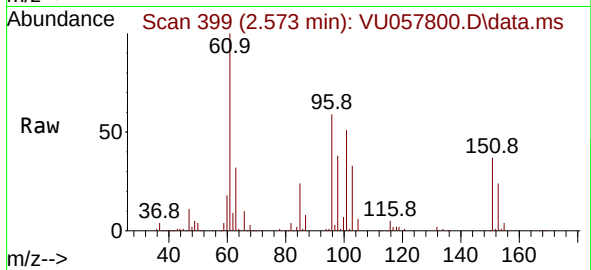
Tgt Ion:101 Resp: 106863
Ion Ratio Lower Upper
101 100
85 45.4 35.4 53.0
151 71.8 54.0 81.0





#9
1,1-Dichloroethene
Concen: 10.275 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

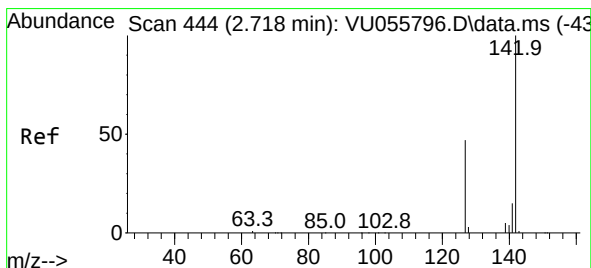
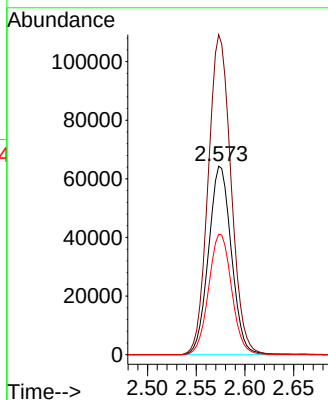
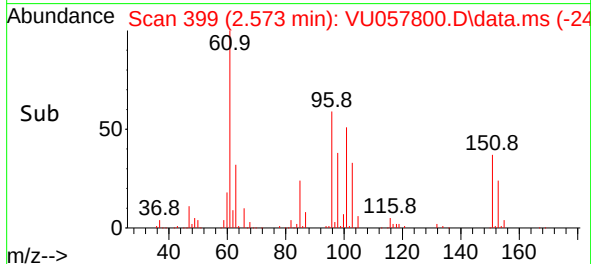
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



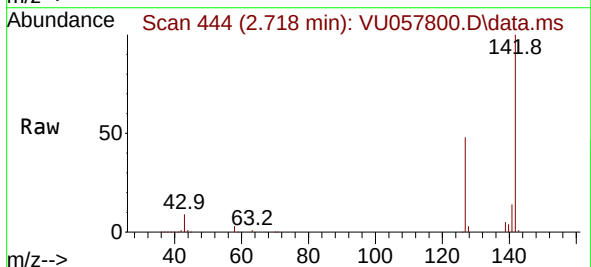
Tgt Ion: 96 Resp: 104974
Ion Ratio Lower Upper
96 100
61 169.7 0.0 521.4
98 63.8 0.0 125.8

Manual Integrations
APPROVED

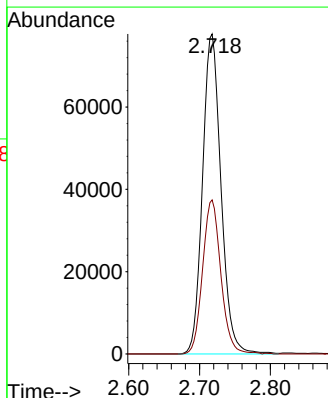
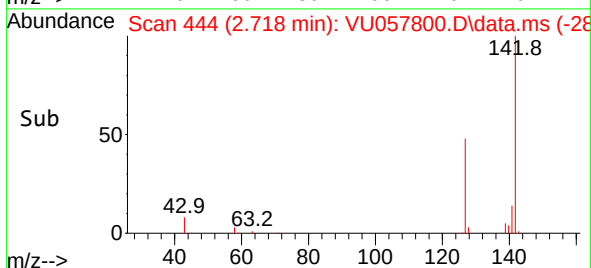
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

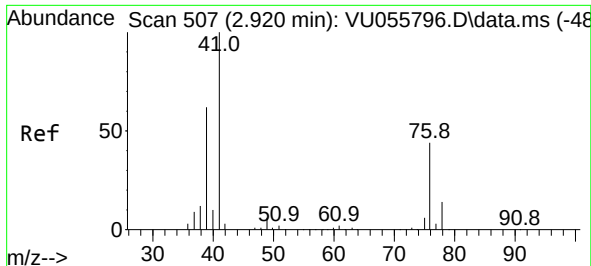


#10
Iodomethane
Concen: 11.635 ug/l
RT: 2.718 min Scan# 444
Delta R.T. -0.000 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30



Tgt Ion:142 Resp: 140991
Ion Ratio Lower Upper
142 100
127 47.5 35.9 53.9





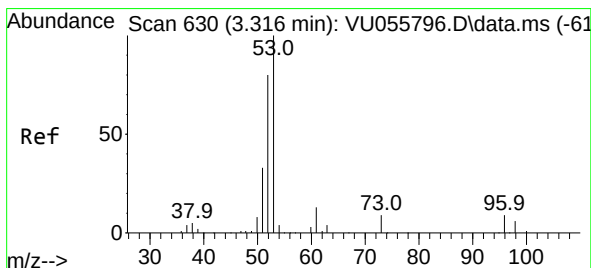
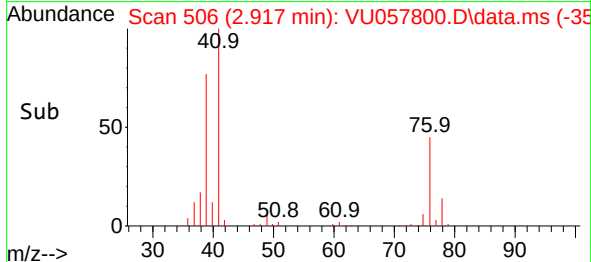
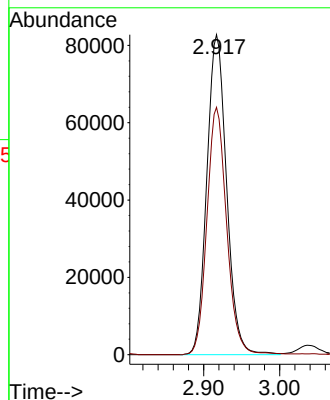
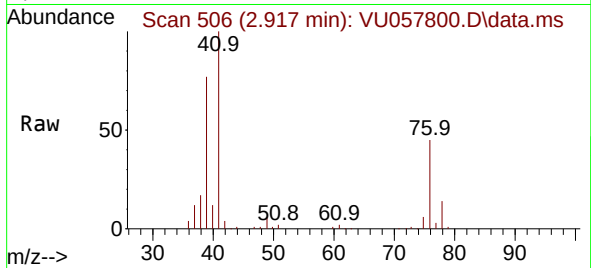
#11
 Allyl Chloride
 Concen: 10.781 ug/l
 RT: 2.917 min Scan# 507
 Delta R.T. -0.003 min
 Lab File: VU057800.D
 Acq: 02 Feb 2024 18:30

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 41 Resp: 14940
 Ion Ratio Lower Upper
 41 100
 39 77.3 54.2 81.2

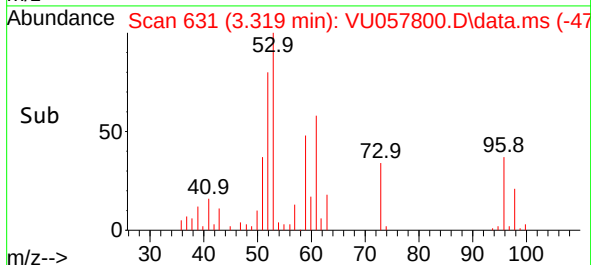
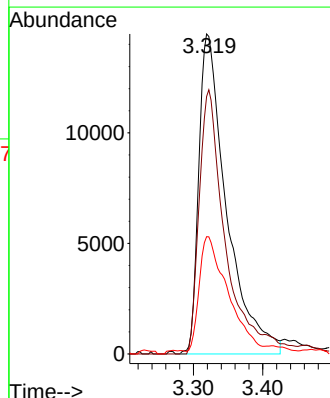
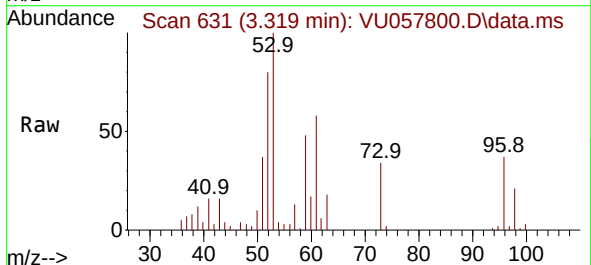
Manual Integrations
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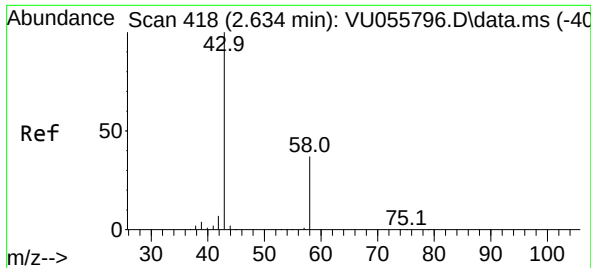
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024



#12
 Acrylonitrile
 Concen: 23.089 ug/l
 RT: 3.319 min Scan# 631
 Delta R.T. 0.003 min
 Lab File: VU057800.D
 Acq: 02 Feb 2024 18:30

Tgt Ion: 53 Resp: 40259
 Ion Ratio Lower Upper
 53 100
 52 78.9 62.9 94.3
 51 36.8 27.8 41.6





#13

Acetone

Concen: 45.635 ug/l

RT: 2.644 min Scan# 41

Delta R.T. 0.010 min

Lab File: VU057800.D

Acq: 02 Feb 2024 18:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 144009

Ion Ratio Lower Upper

43 100

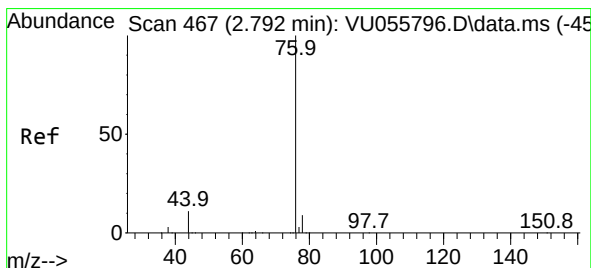
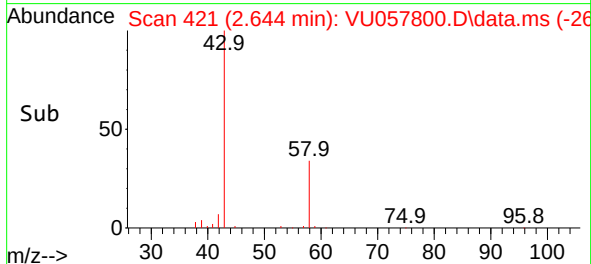
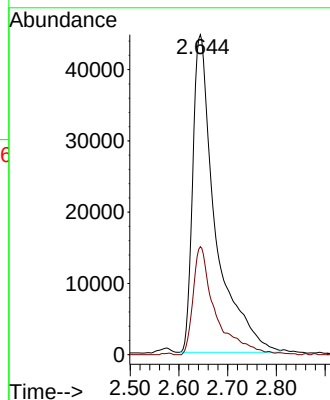
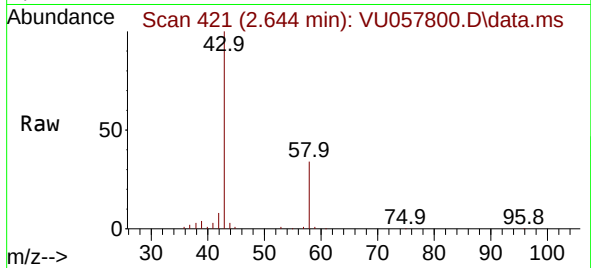
58 34.0 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#14

Carbon Disulfide

Concen: 10.278 ug/l

RT: 2.788 min Scan# 466

Delta R.T. -0.004 min

Lab File: VU057800.D

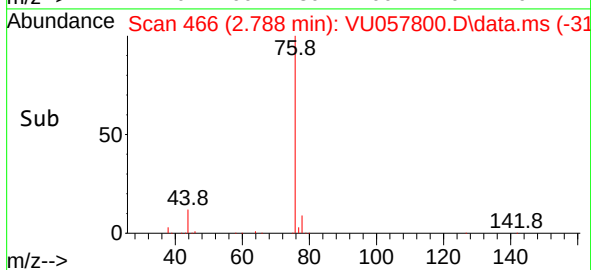
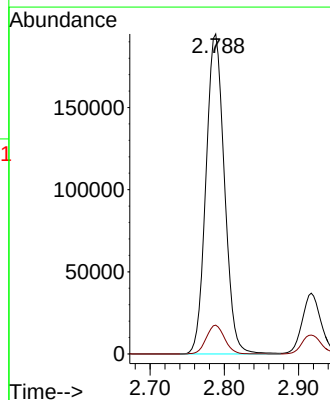
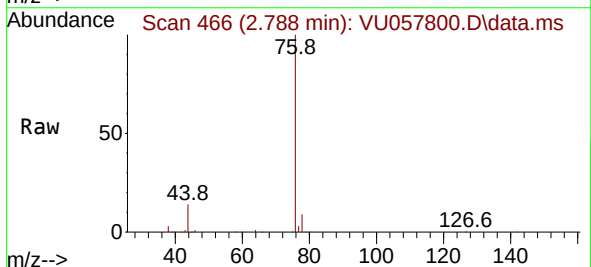
Acq: 02 Feb 2024 18:30

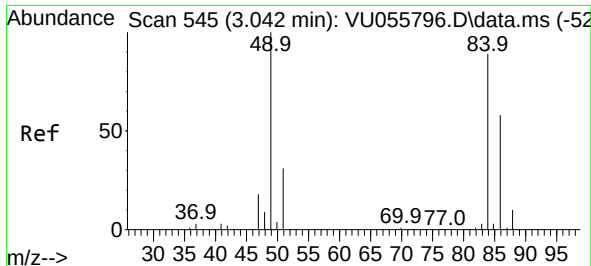
Tgt Ion: 76 Resp: 336111

Ion Ratio Lower Upper

76 100

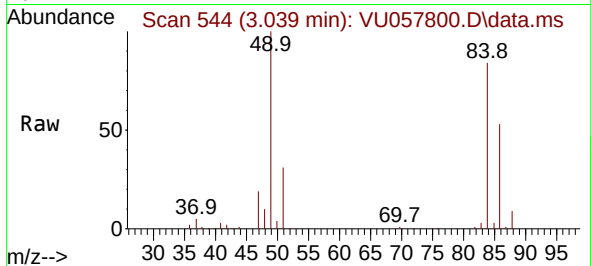
78 9.0 7.4 11.0





#15
Methylene Chloride
Concen: 10.217 ug/l
RT: 3.039 min Scan# 545
Delta R.T. -0.003 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

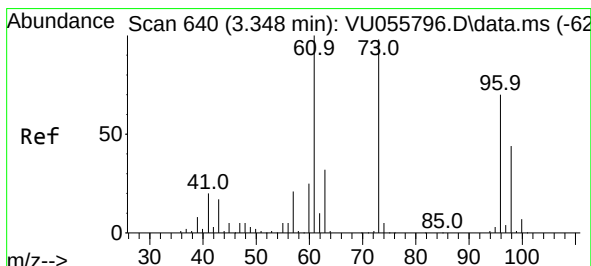
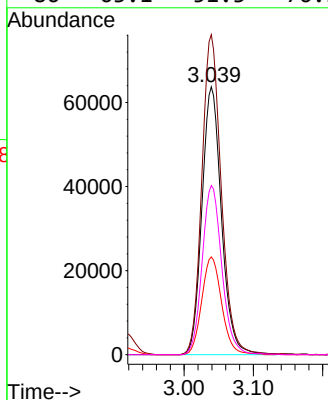
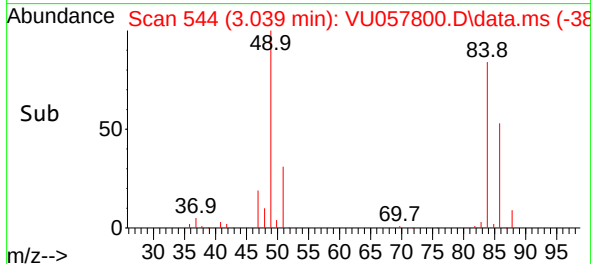
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 84 Resp: 12467
Ion Ratio Lower Upper
84 100
49 119.5 98.9 148.3
51 36.5 0.0 75.4
86 63.1 51.3 76.9

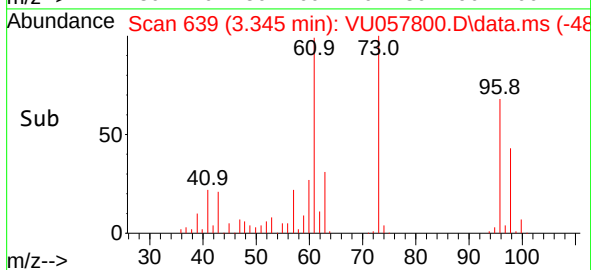
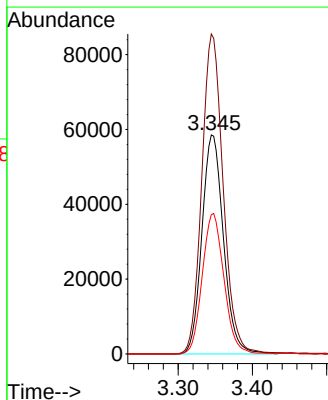
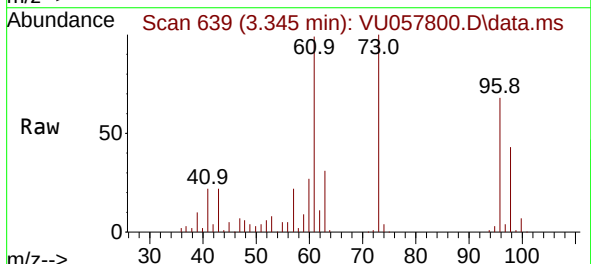
Manual Integrations
APPROVED

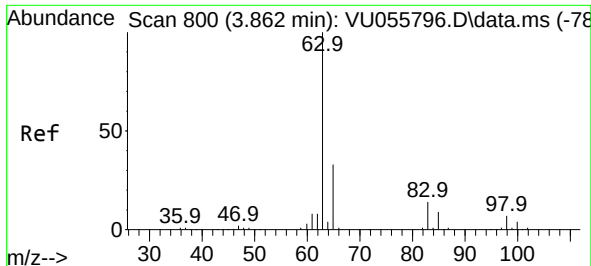
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#16
trans-1,2-Dichloroethene
Concen: 10.589 ug/l
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

Tgt Ion: 96 Resp: 118117
Ion Ratio Lower Upper
96 100
61 145.9 117.5 176.3
98 63.7 48.3 72.5





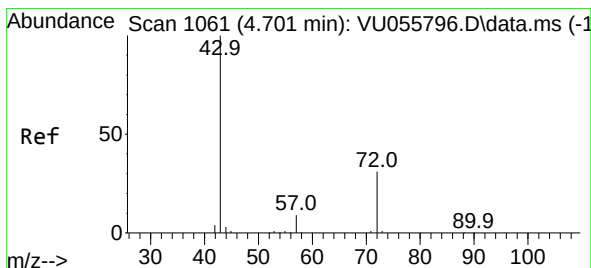
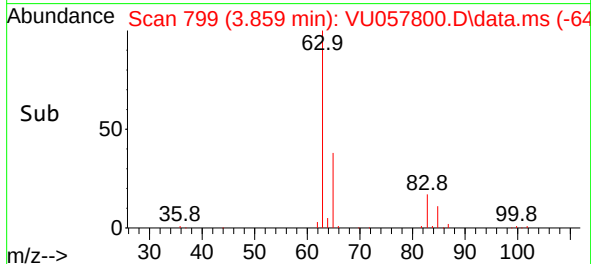
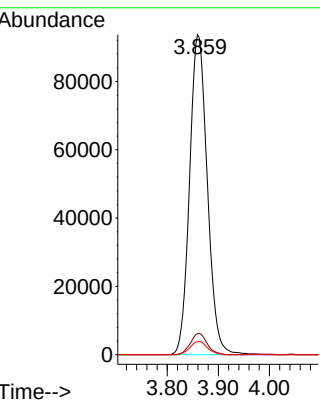
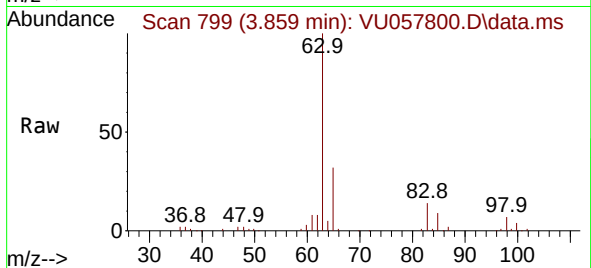
#17
1,1-Dichloroethane
Concen: 10.738 ug/l
RT: 3.859 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 63 Resp: 226130
Ion Ratio Lower Upper
63 100
98 6.6 3.4 10.1
100 4.2 2.2 6.6

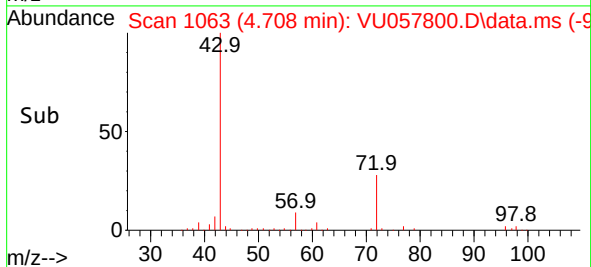
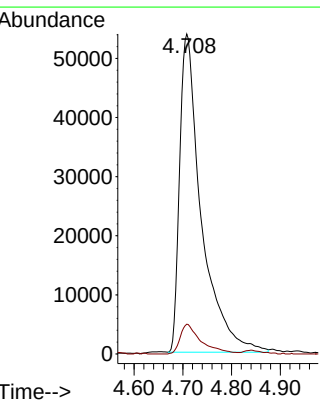
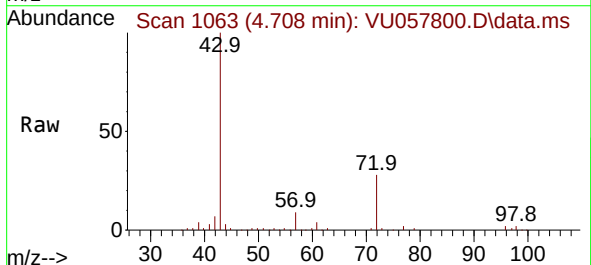
Manual Integrations
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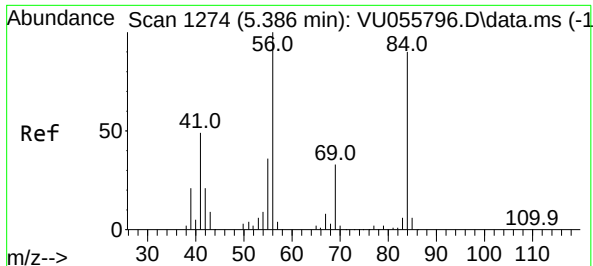
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#18
2-Butanone
Concen: 49.037 ug/l
RT: 4.708 min Scan# 1063
Delta R.T. 0.007 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

Tgt Ion: 43 Resp: 166787
Ion Ratio Lower Upper
43 100
57 9.3 0.0 19.6





#19

Cyclohexane

Concen: 10.158 ug/l

RT: 5.383 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU057800.D

Acq: 02 Feb 2024 18:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 56 Resp: 167638

Ion Ratio Lower Upper

56 100

69 36.4 24.6 37.0

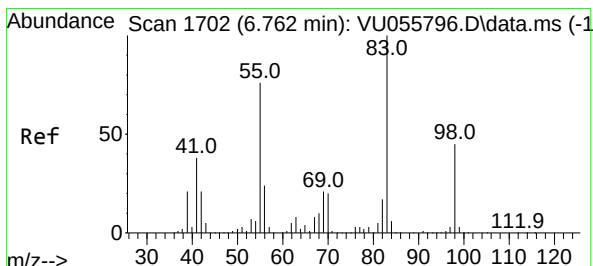
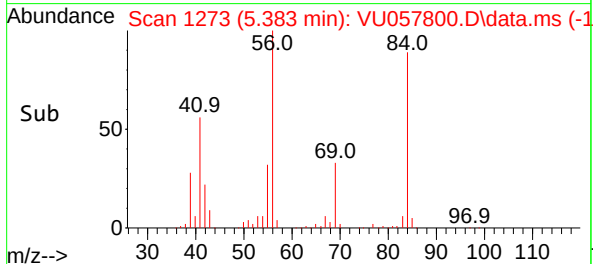
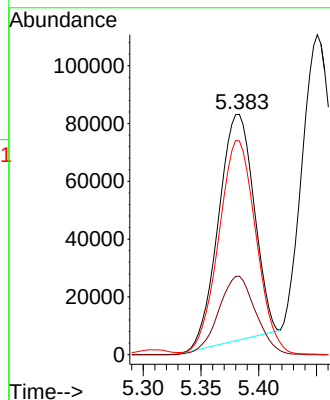
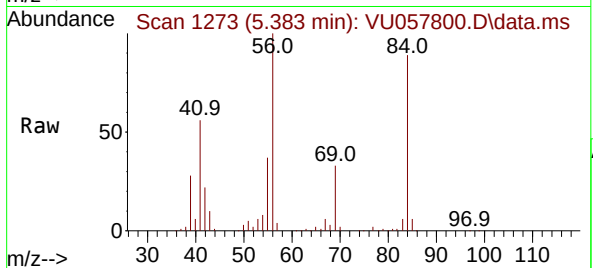
84 98.3 68.4 102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#20

Methylcyclohexane

Concen: 10.320 ug/l

RT: 6.756 min Scan# 1700

Delta R.T. -0.006 min

Lab File: VU057800.D

Acq: 02 Feb 2024 18:30

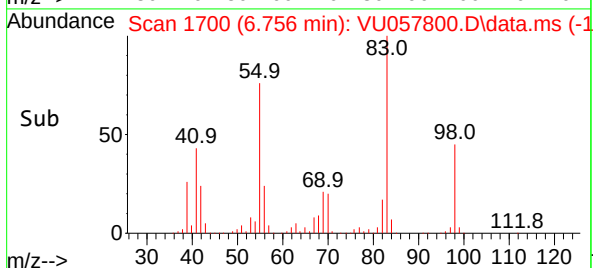
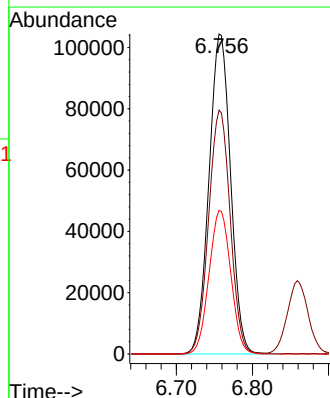
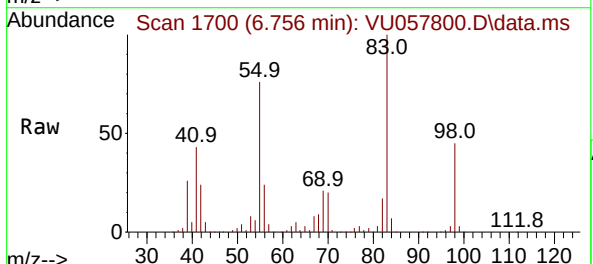
Tgt Ion: 83 Resp: 205819

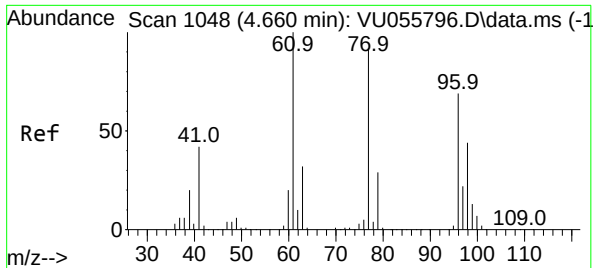
Ion Ratio Lower Upper

83 100

55 75.9 63.5 95.3

98 45.1 36.0 54.0





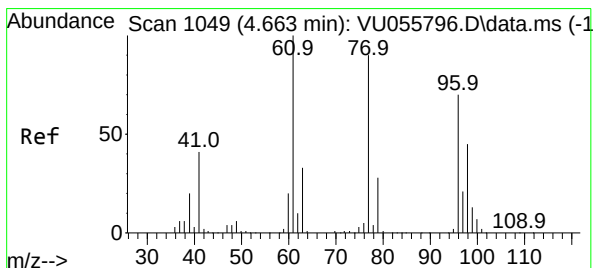
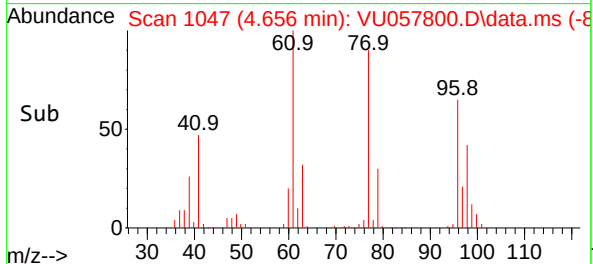
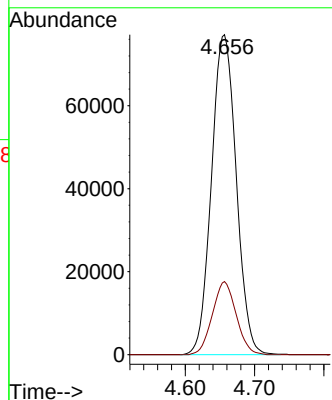
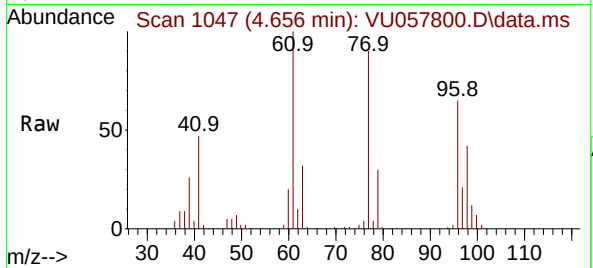
#21
2,2-Dichloropropane
Concen: 10.251 ug/l
RT: 4.656 min Scan# 1047
Delta R.T. -0.004 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 77 Resp: 19169
Ion Ratio Lower Upper
77 100
97 21.9 18.4 27.6

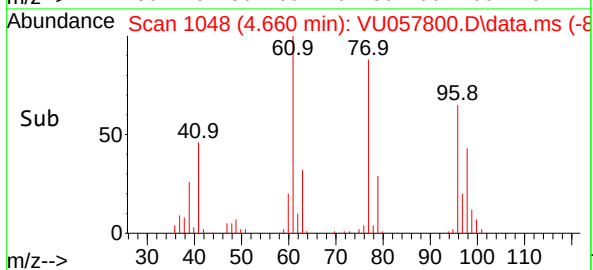
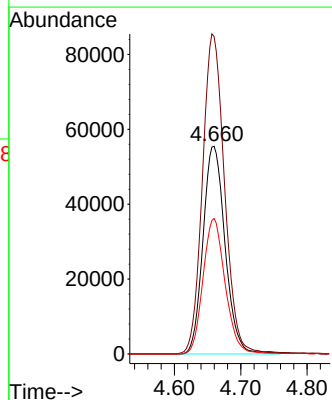
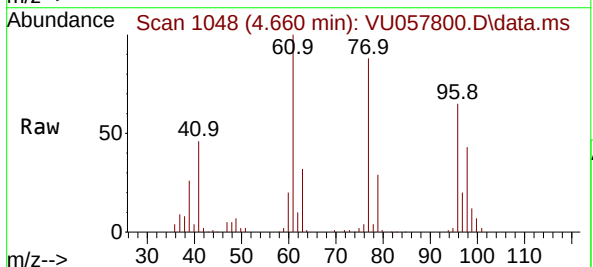
Manual Integrations
APPROVED

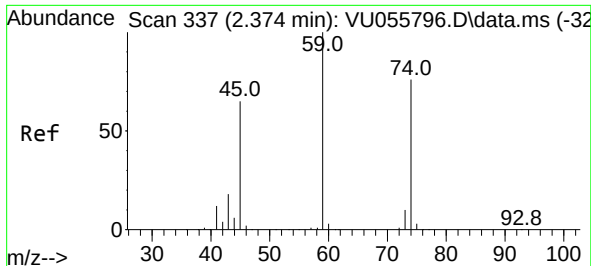
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#22
cis-1,2-Dichloroethene
Concen: 10.510 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

Tgt Ion: 96 Resp: 128405
Ion Ratio Lower Upper
96 100
61 153.6 0.0 365.8
98 65.2 32.0 96.0





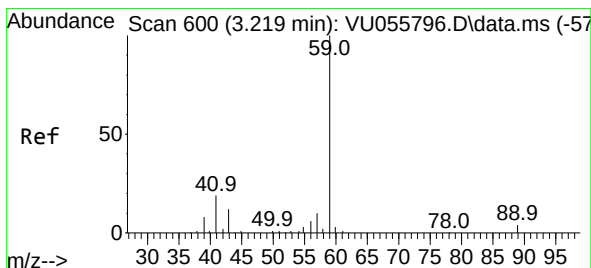
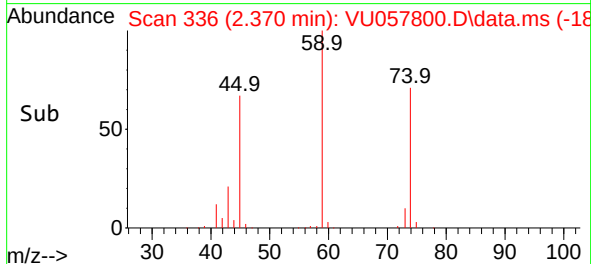
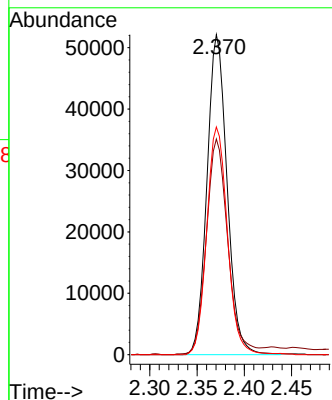
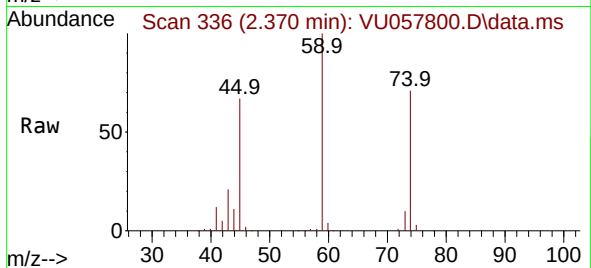
#23
Diethyl Ether
Concen: 10.451 ug/l
RT: 2.370 min Scan# 31
Delta R.T. -0.004 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 7707
Ion Ratio Lower Upper
59 100
45 71.9 56.1 84.1
74 73.0 57.4 86.2

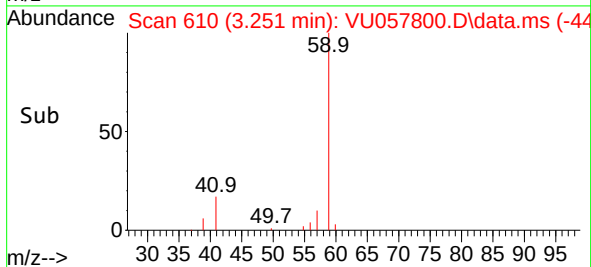
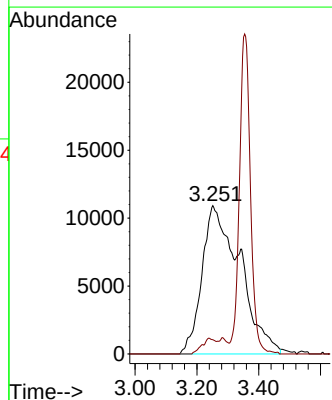
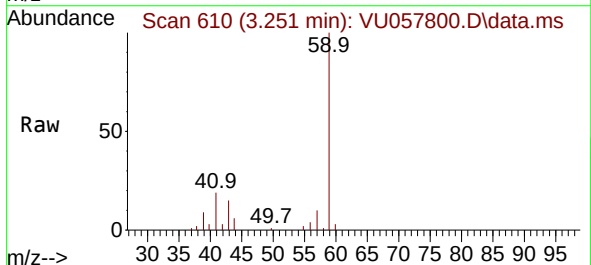
Manual Integrations
APPROVED

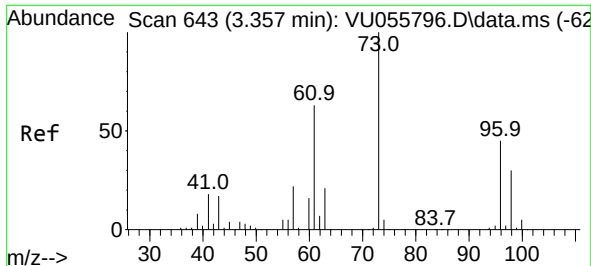
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#24
tert-Butyl Alcohol
Concen: 110.872 ug/l m
RT: 3.251 min Scan# 610
Delta R.T. 0.032 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

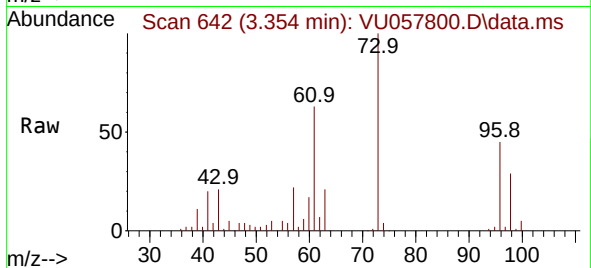
Tgt Ion: 59 Resp: 92934
Ion Ratio Lower Upper
59 100
57 3.7 105.6 158.4#





#25
Methyl tert-Butyl Ether
Concen: 10.608 ug/l
RT: 3.354 min Scan# 64
Delta R.T. -0.003 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

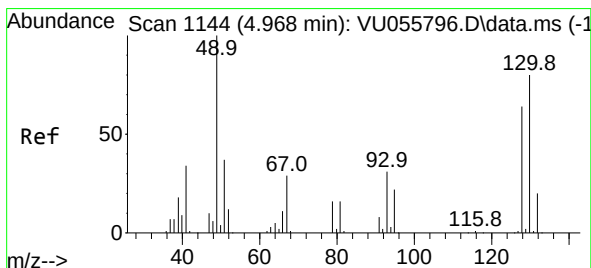
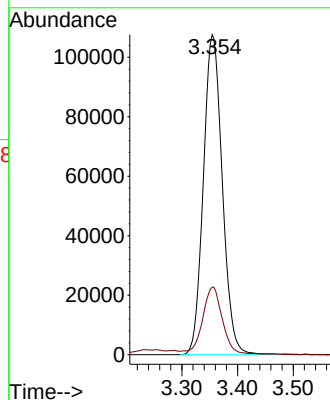
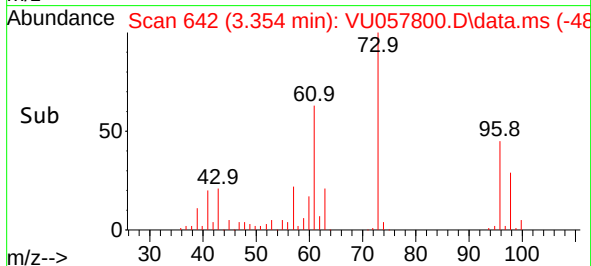
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 73 Resp: 25431
Ion Ratio Lower Upper
73 100
43 21.5 15.0 22.6

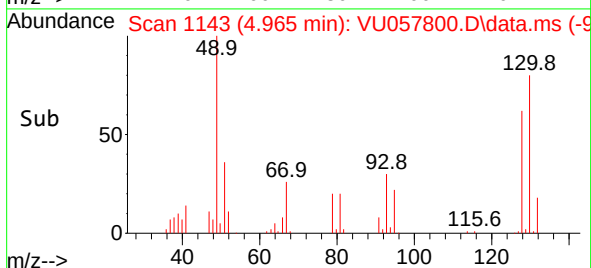
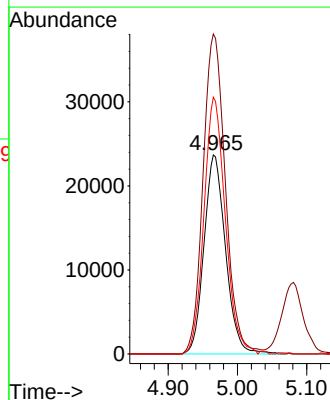
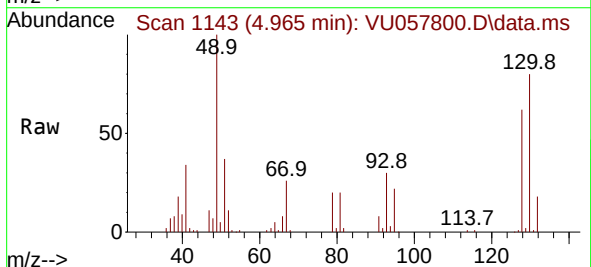
Manual Integrations
APPROVED

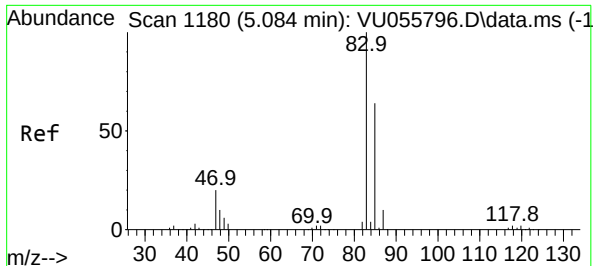
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#26
Bromochloromethane
Concen: 10.410 ug/l
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

Tgt Ion:128 Resp: 51089
Ion Ratio Lower Upper
128 100
49 166.1 0.0 324.6
130 128.0 103.0 154.4





#27

Chloroform

Concen: 10.568 ug/l

RT: 5.081 min Scan# 1180

Delta R.T. -0.003 min

Lab File: VU057800.D

Acq: 02 Feb 2024 18:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 231364

Ion Ratio Lower Upper

83 100

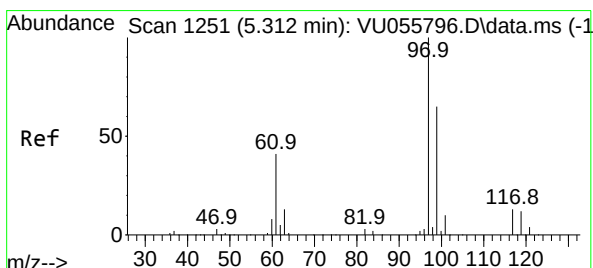
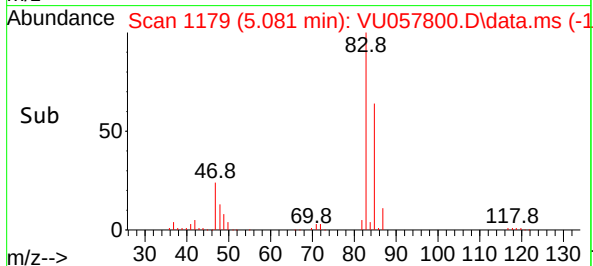
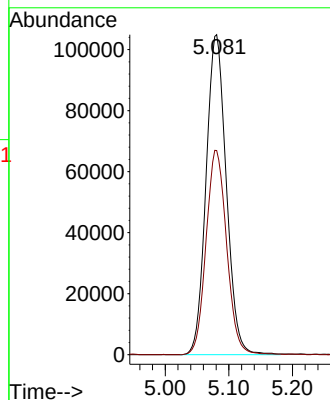
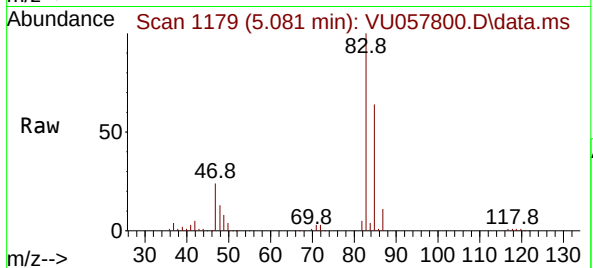
85 63.8 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#28

1,1,1-Trichloroethane

Concen: 10.515 ug/l

RT: 5.306 min Scan# 1249

Delta R.T. -0.006 min

Lab File: VU057800.D

Acq: 02 Feb 2024 18:30

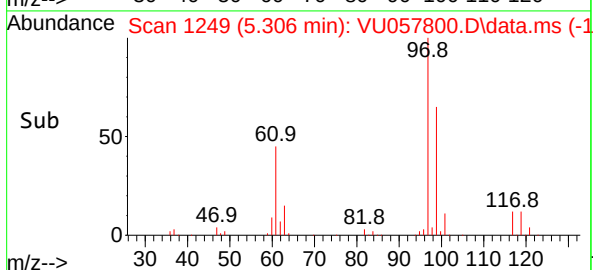
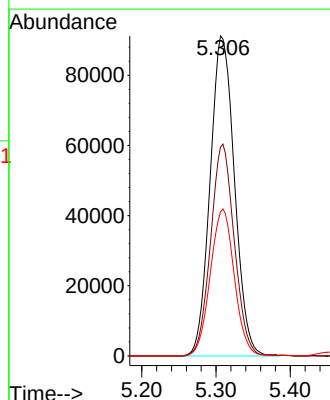
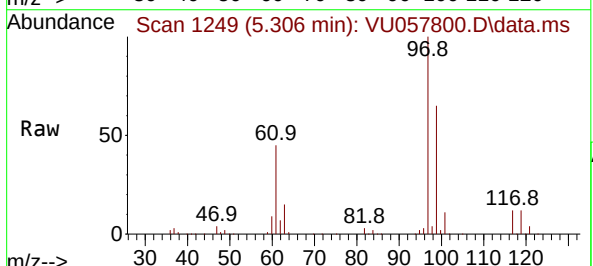
Tgt Ion: 97 Resp: 207874

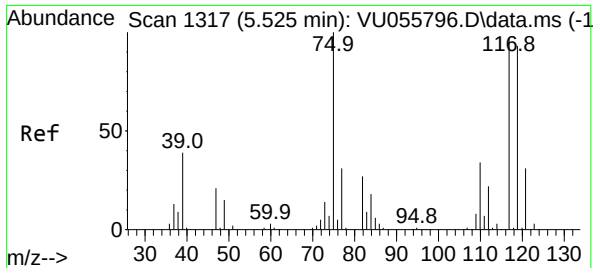
Ion Ratio Lower Upper

97 100

99 64.4 32.0 96.2

61 45.4 22.9 68.5





#29

1,1-Dichloropropene

Concen: 10.630 ug/l

RT: 5.518 min Scan# 1315

Delta R.T. -0.007 min

Lab File: VU057800.D

Acq: 02 Feb 2024 18:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 75 Resp: 17001

Ion Ratio Lower Upper

75 100

110 33.5 18.0 54.0

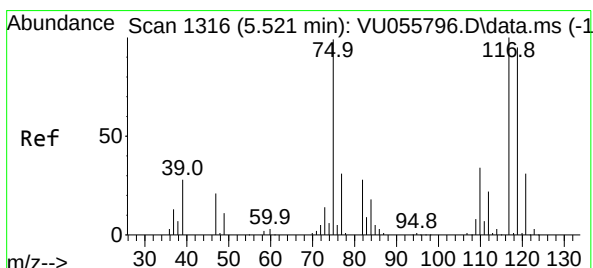
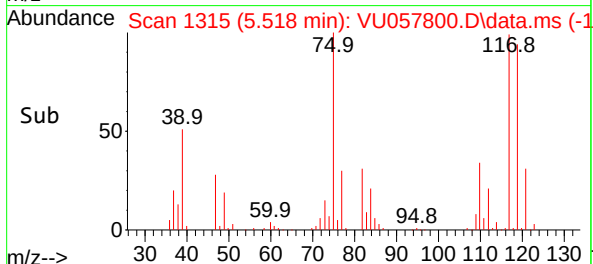
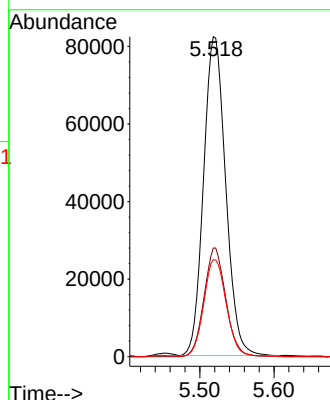
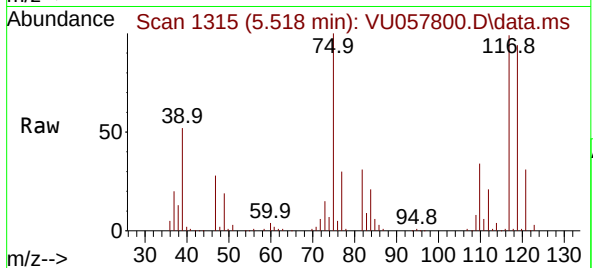
77 31.1 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#30

Carbon Tetrachloride

Concen: 10.493 ug/l

RT: 5.515 min Scan# 1314

Delta R.T. -0.006 min

Lab File: VU057800.D

Acq: 02 Feb 2024 18:30

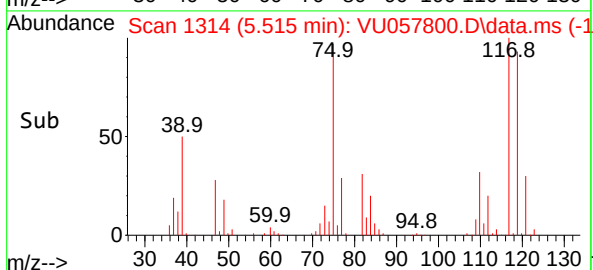
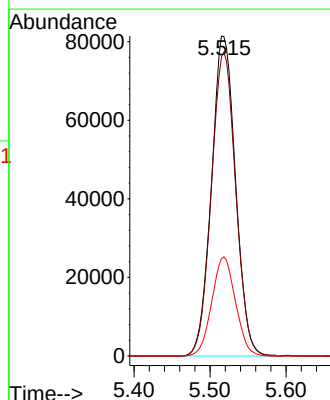
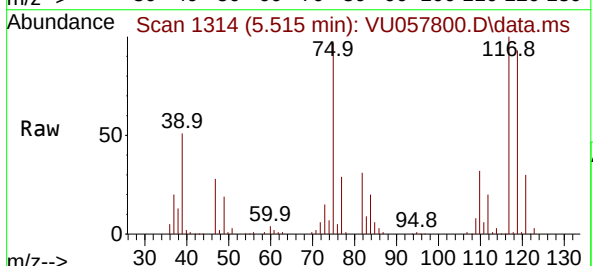
Tgt Ion:117 Resp: 178734

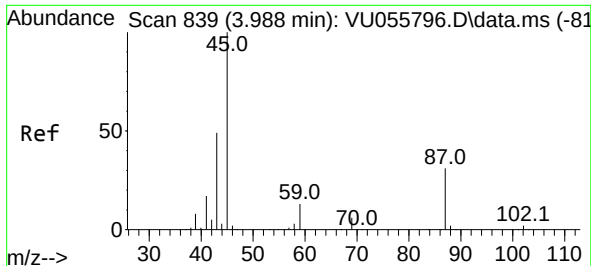
Ion Ratio Lower Upper

117 100

119 93.4 77.4 116.0

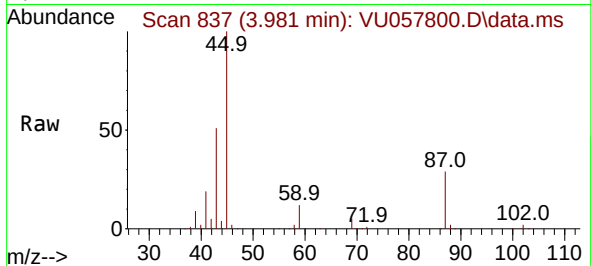
121 30.5 24.0 36.0





#31
Isopropyl Ether
Concen: 10.831 ug/l
RT: 3.981 min Scan# 81
Delta R.T. -0.007 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

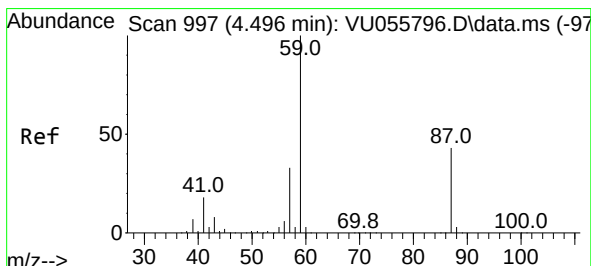
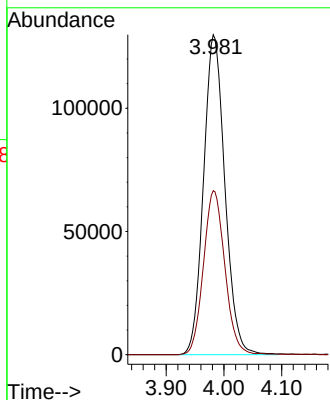
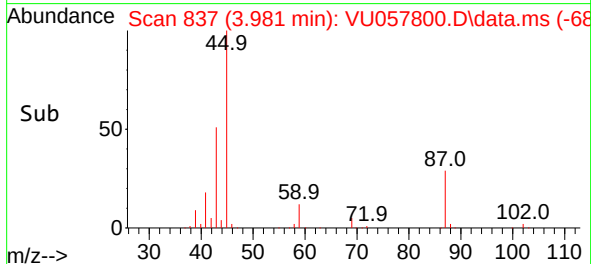
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



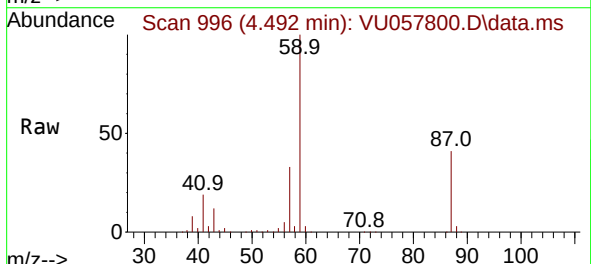
Tgt Ion: 45 Resp: 33376
Ion Ratio Lower Upper
45 100
43 51.3 27.5 82.5

Manual Integrations
APPROVED

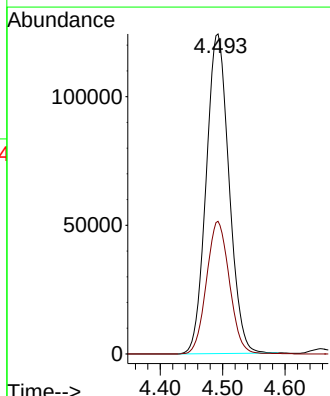
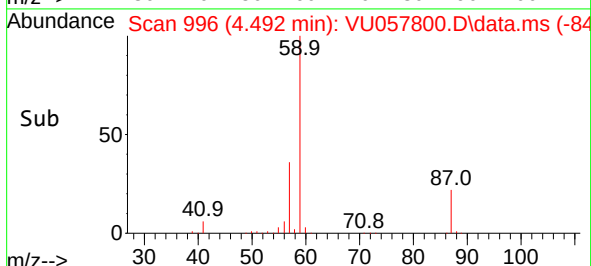
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

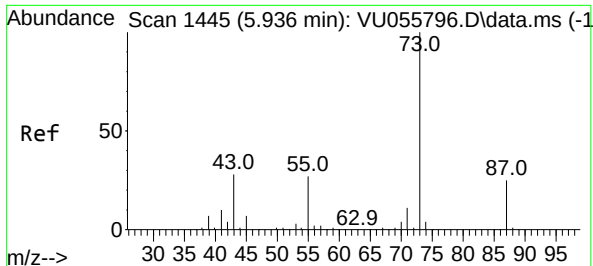


#32
Ethyl-t-butyl ether
Concen: 11.054 ug/l
RT: 4.492 min Scan# 996
Delta R.T. -0.004 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30



Tgt Ion: 59 Resp: 316292
Ion Ratio Lower Upper
59 100
87 41.4 33.5 50.3





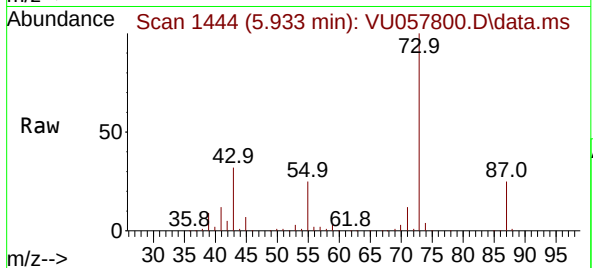
#33
Tert-Amyl methyl ether
Concen: 10.801 ug/l
RT: 5.933 min Scan# 1444
Delta R.T. -0.003 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC



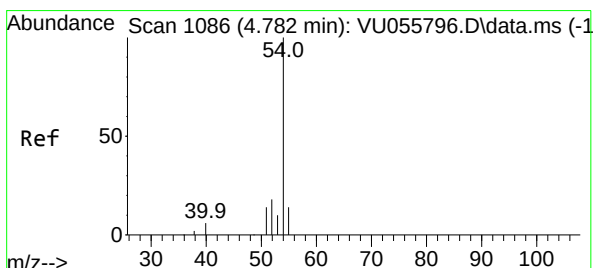
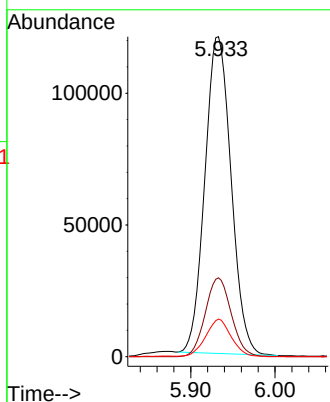
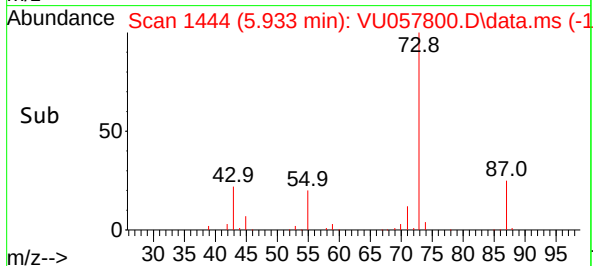
Tgt Ion: 73 Resp: 26016
Ion Ratio Lower Upper
73 100
87 24.7 18.6 28.0
71 11.3 9.9 14.9

Manual Integrations

APPROVED

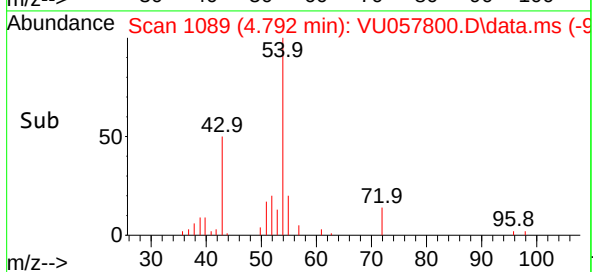
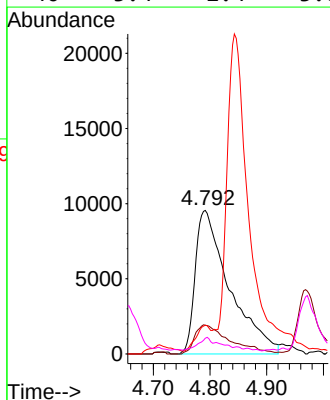
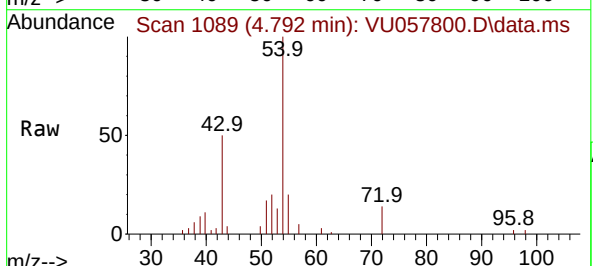
Reviewed By :John Carlone 02/14/2024

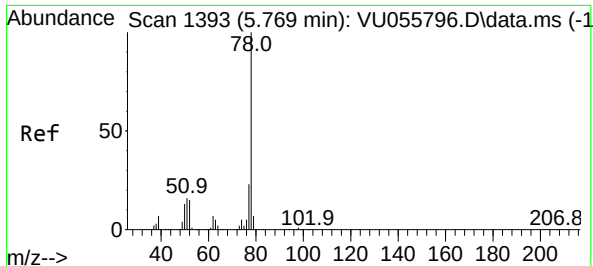
Supervised By :Mahesh Dadoda 02/14/2024



#34
Propionitrile
Concen: 56.807 ug/l
RT: 4.792 min Scan# 1089
Delta R.T. 0.010 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

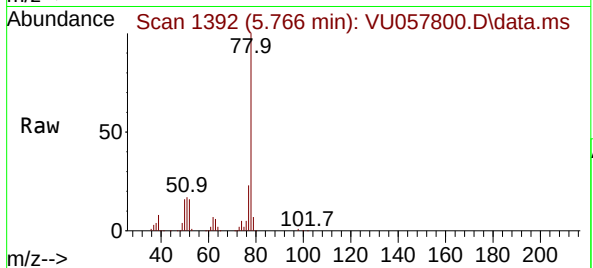
Tgt Ion: 54 Resp: 40045
Ion Ratio Lower Upper
54 100
52 20.8 17.4 26.0
55 8.5 104.1 156.1#
40 3.4 2.4 3.6





#35
Benzene
Concen: 10.554 ug/l
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

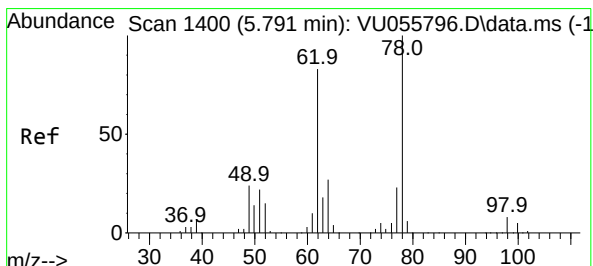
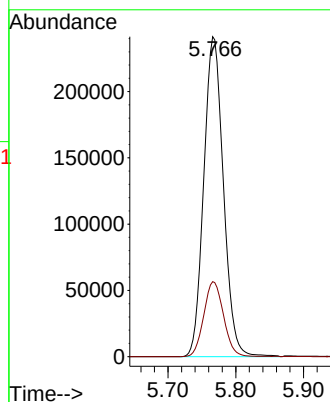
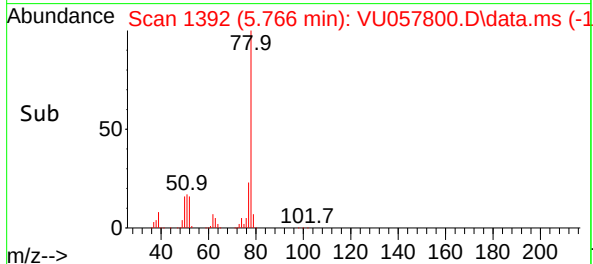
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



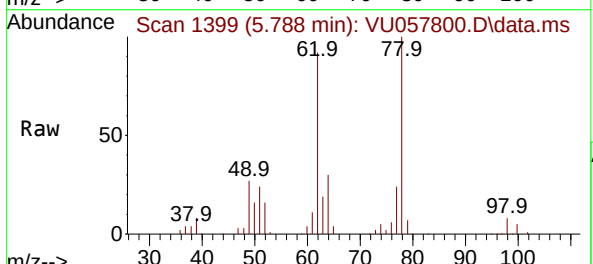
Tgt Ion: 78 Resp: 48599
Ion Ratio Lower Upper
78 100
77 23.4 18.9 28.3

Manual Integrations
APPROVED

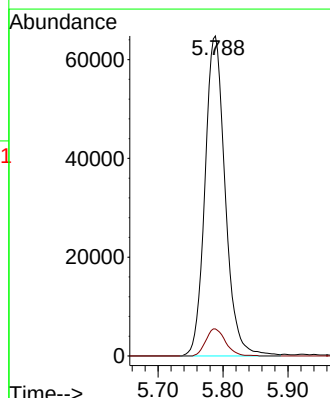
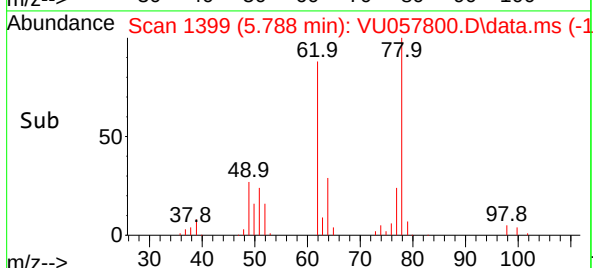
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

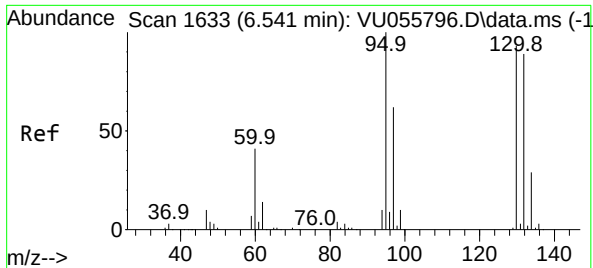


#36
1,2-Dichloroethane
Concen: 10.464 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. -0.003 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30



Tgt Ion: 62 Resp: 140421
Ion Ratio Lower Upper
62 100
98 8.3 7.3 10.9





#37
Trichloroethene
Concen: 10.366 ug/l
RT: 6.537 min Scan# 110
Delta R.T. -0.004 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

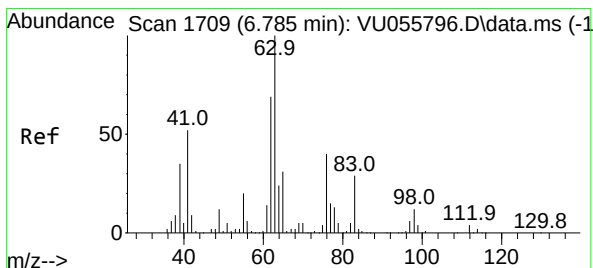
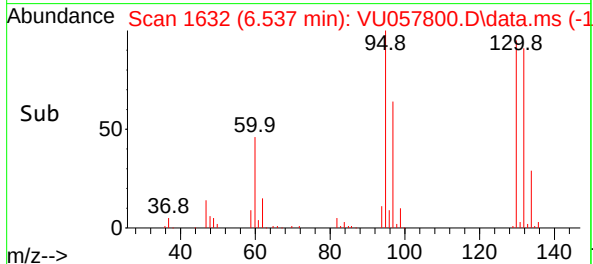
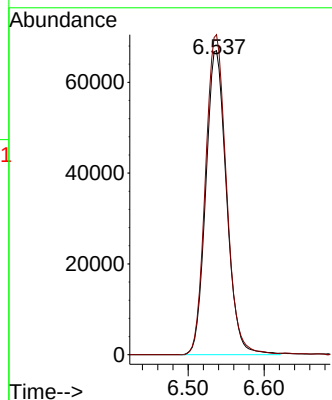
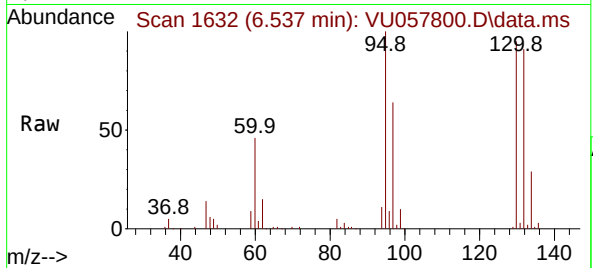
Tgt Ion:130 Resp: 126770
Ion Ratio Lower Upper
130 100
95 105.3 85.0 127.6

Manual Integrations

APPROVED

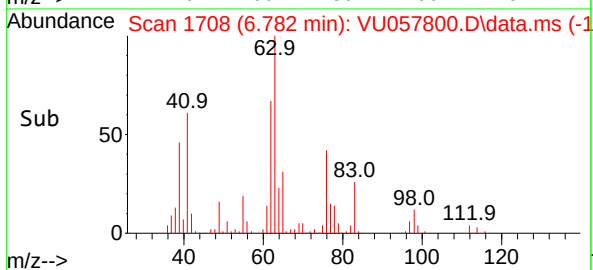
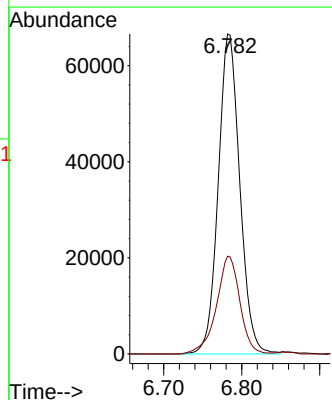
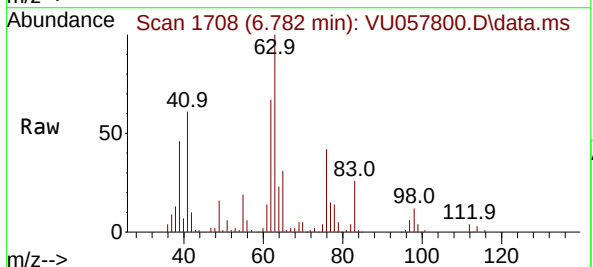
Reviewed By :John Carlone 02/14/2024

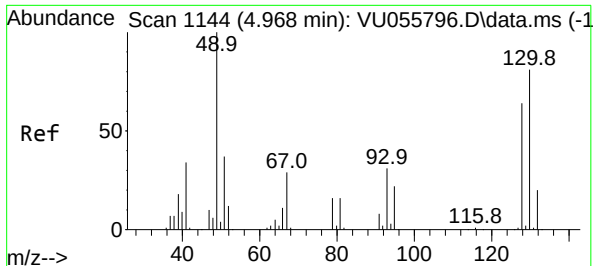
Supervised By :Mahesh Dadoda 02/14/2024



#38
1,2-Dichloropropane
Concen: 10.718 ug/l
RT: 6.782 min Scan# 1708
Delta R.T. -0.003 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

Tgt Ion: 63 Resp: 127975
Ion Ratio Lower Upper
63 100
65 30.6 24.9 37.3





#39

Methacrylonitrile

Concen: 11.241 ug/l

RT: 4.968 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VU057800.D

Acq: 02 Feb 2024 18:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 31584

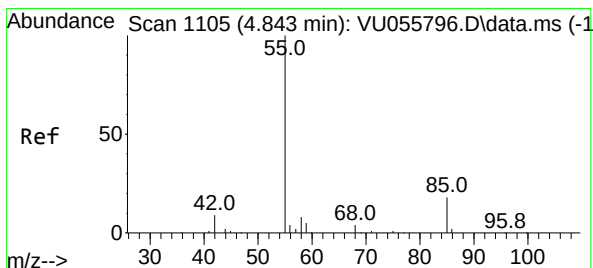
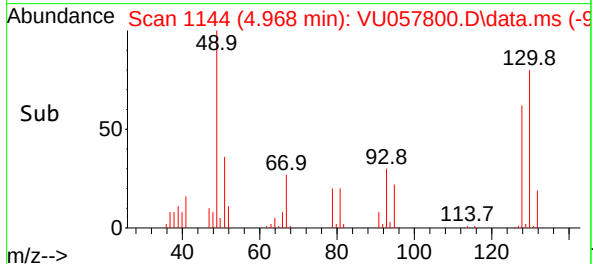
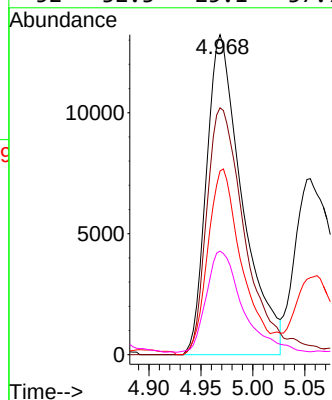
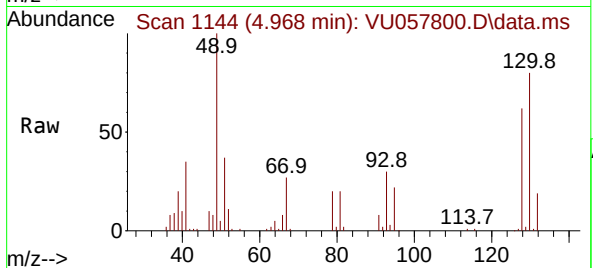
Ion	Ratio	Lower	Upper
41	100		
67	84.0	66.8	100.2
39	55.3	41.2	61.8
52	32.3	25.1	37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#40

Methyl acrylate

Concen: 9.833 ug/l

RT: 4.843 min Scan# 1105

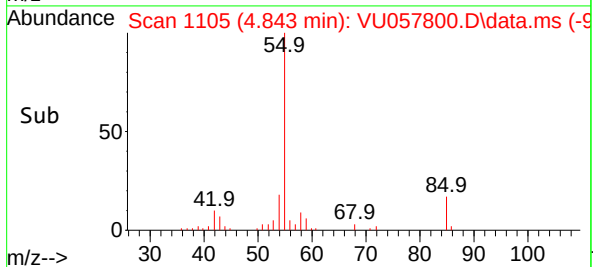
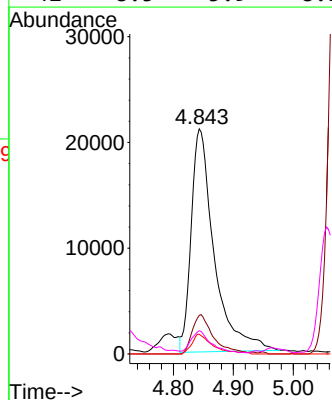
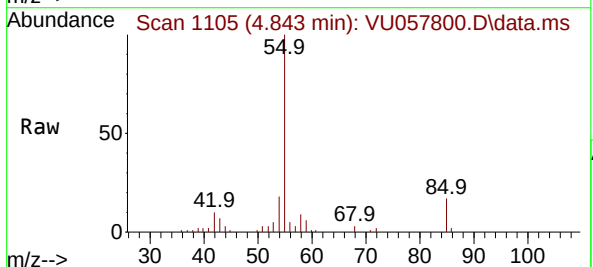
Delta R.T. -0.000 min

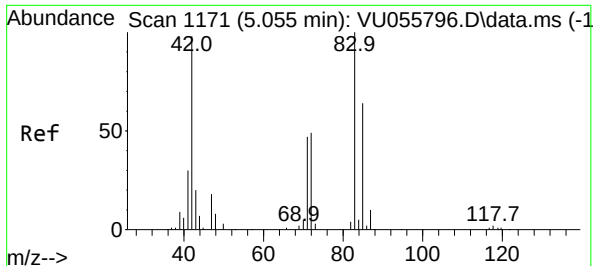
Lab File: VU057800.D

Acq: 02 Feb 2024 18:30

Tgt Ion: 55 Resp: 56166

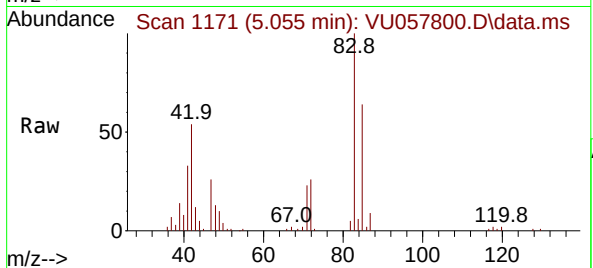
Ion	Ratio	Lower	Upper
55	100		
85	16.1	13.3	19.9
58	7.8	6.5	9.7
42	8.5	5.9	8.9





#41
Tetrahydrofuran
Concen: 20.925 ug/l
RT: 5.055 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

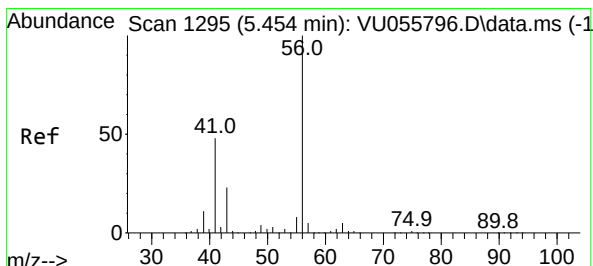
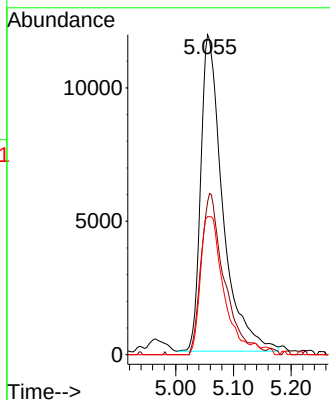
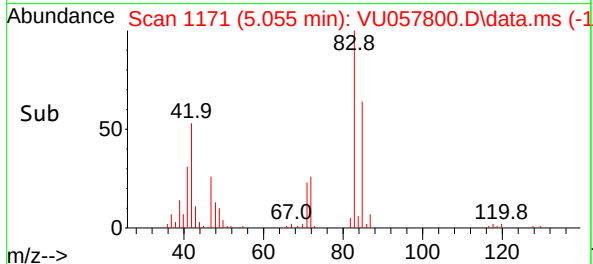
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



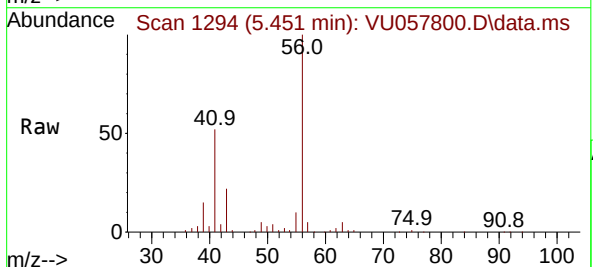
Tgt Ion: 42 Resp: 31390
Ion Ratio Lower Upper
42 100
72 53.7 40.9 61.3
71 45.4 36.9 55.3

Manual Integrations
APPROVED

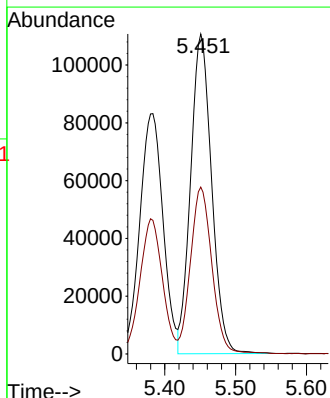
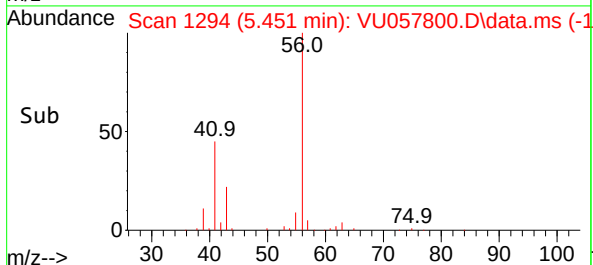
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

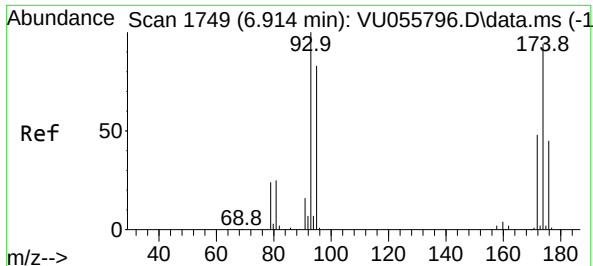


#42
1-Chlorobutane
Concen: 10.788 ug/l
RT: 5.451 min Scan# 1294
Delta R.T. -0.003 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30



Tgt Ion: 56 Resp: 227485
Ion Ratio Lower Upper
56 100
41 53.0 25.2 75.6





#43

Dibromomethane

Concen: 10.702 ug/l

RT: 6.914 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU057800.D

Acq: 02 Feb 2024 18:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 93 Resp: 5876

Ion Ratio Lower Upper

93 100

95 82.3 67.0 100.6

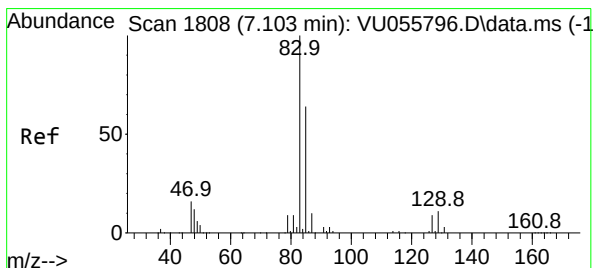
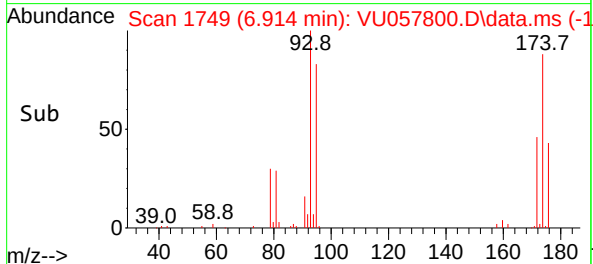
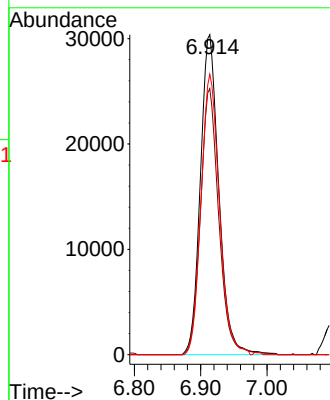
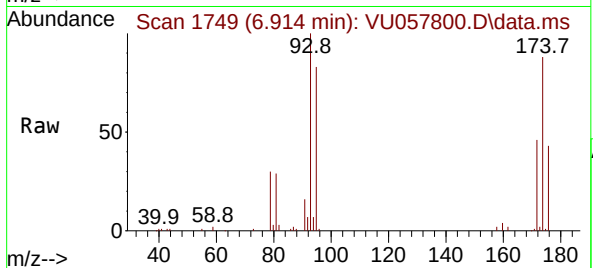
174 86.8 73.8 110.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#44

Bromodichloromethane

Concen: 10.715 ug/l

RT: 7.100 min Scan# 1807

Delta R.T. -0.003 min

Lab File: VU057800.D

Acq: 02 Feb 2024 18:30

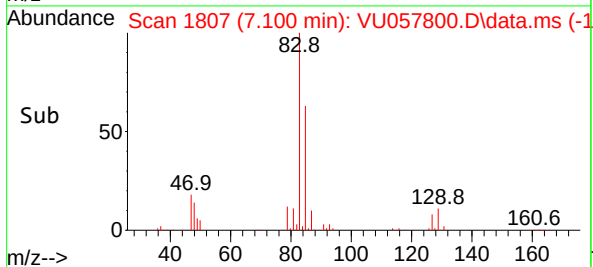
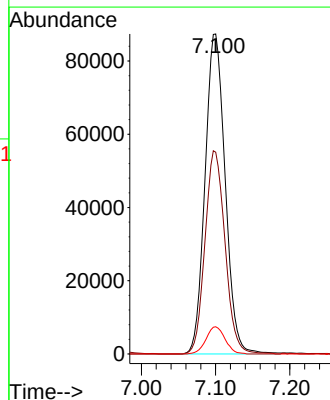
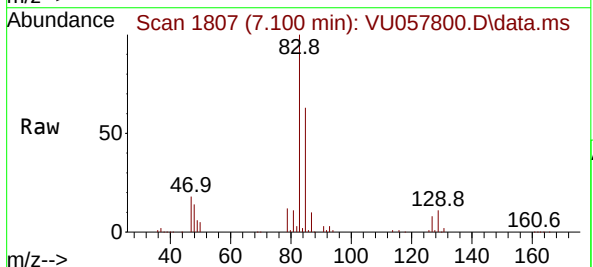
Tgt Ion: 83 Resp: 164740

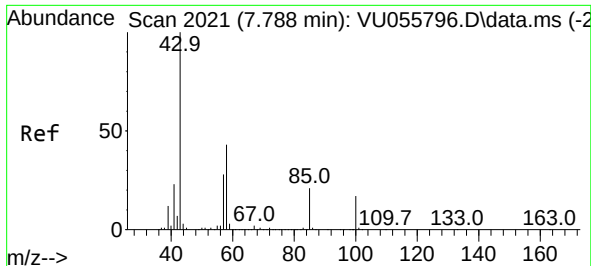
Ion Ratio Lower Upper

83 100

85 63.0 51.9 77.9

127 9.3 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 52.095 ug/l

RT: 7.785 min Scan# 2020

Delta R.T. -0.003 min

Lab File: VU057800.D

Acq: 02 Feb 2024 18:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 30486

Ion Ratio Lower Upper

43 100

58 40.6 20.9 62.8

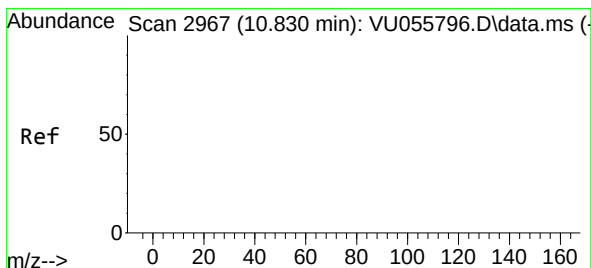
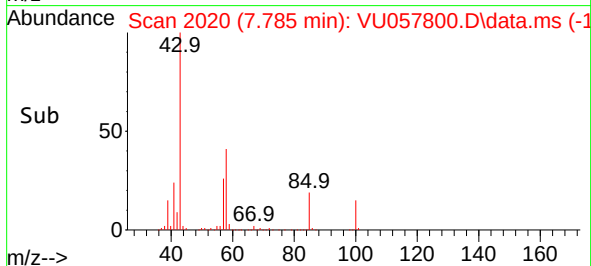
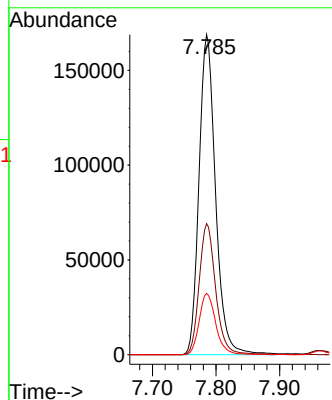
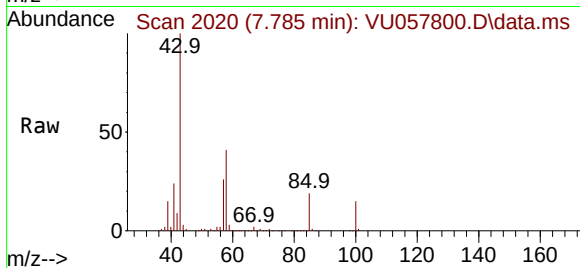
85 19.2 14.6 21.8

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: 22.920 ug/l m

RT: 10.833 min Scan# 2968

Delta R.T. 0.003 min

Lab File: VU057800.D

Acq: 02 Feb 2024 18:30

Tgt Ion: 75 Resp: 36479

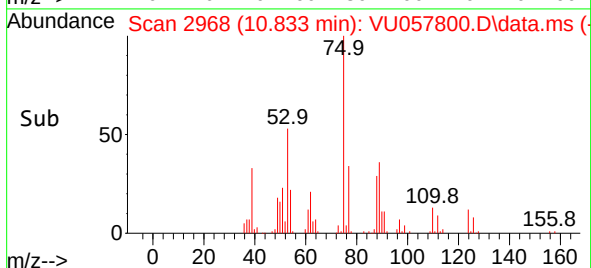
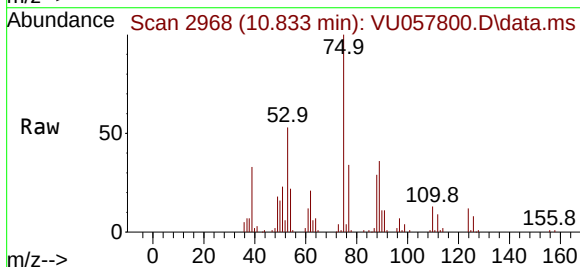
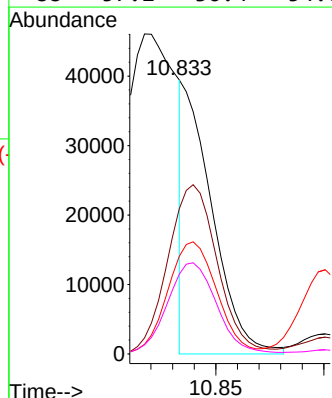
Ion Ratio Lower Upper

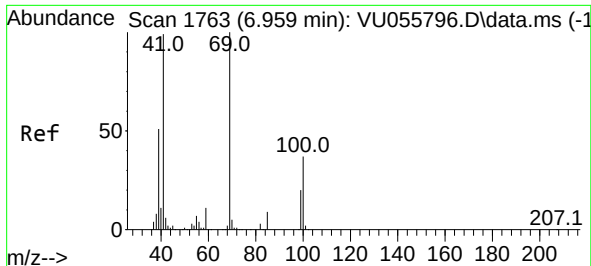
75 100

53 107.0 73.3 109.9

89 69.9 48.2 72.4

88 57.2 36.4 54.6#





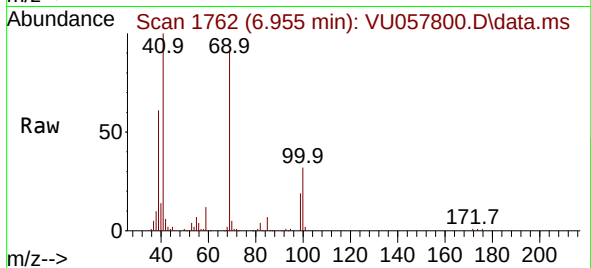
#47
Methyl methacrylate
Concen: 22.177 ug/l
RT: 6.955 min Scan# 1762
Delta R.T. -0.004 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC



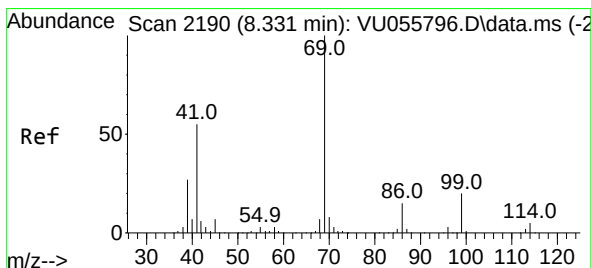
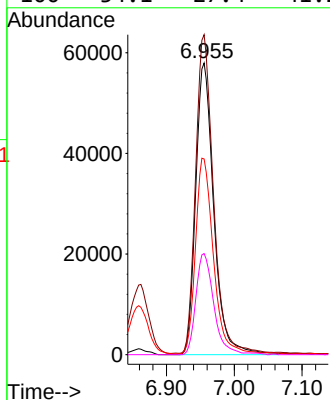
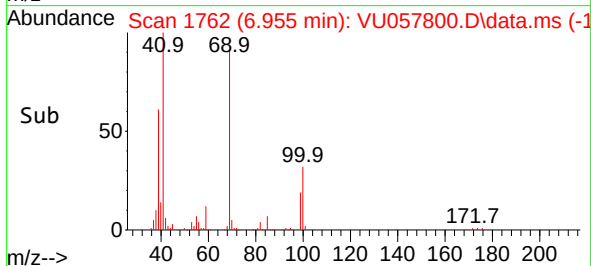
Tgt Ion: 69 Resp: 10757
Ion Ratio Lower Upper
69 100
41 107.4 0.0 209.2
39 66.2 46.7 70.1
100 34.1 27.4 41.2

Manual Integrations

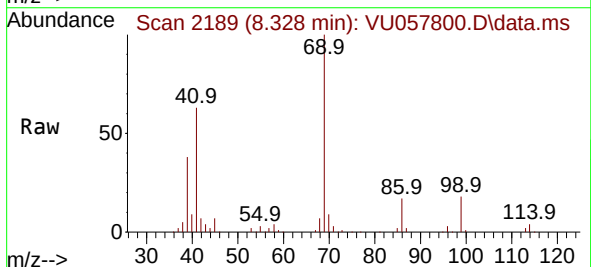
APPROVED

Reviewed By :John Carlone 02/14/2024

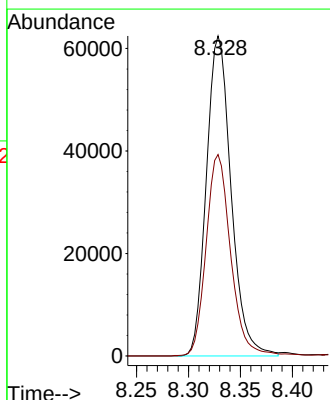
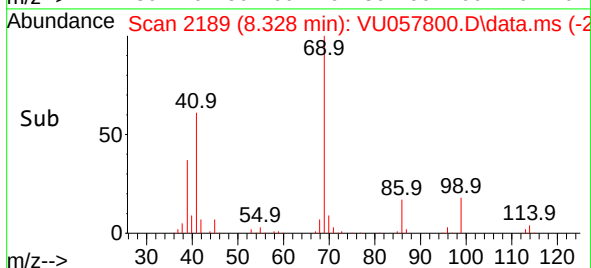
Supervised By :Mahesh Dadoda 02/14/2024

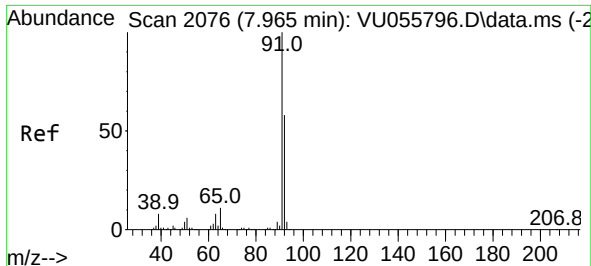


#48
Ethyl methacrylate
Concen: 10.627 ug/l
RT: 8.328 min Scan# 2189
Delta R.T. -0.003 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30



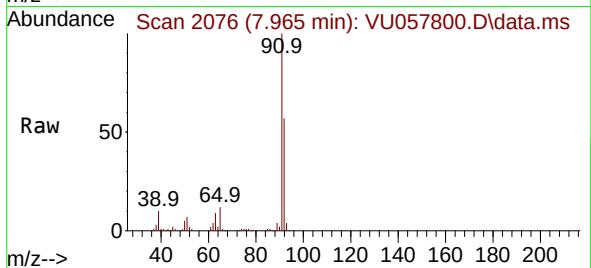
Tgt Ion: 69 Resp: 103320
Ion Ratio Lower Upper
69 100
41 62.9 30.3 90.8





#49
Toluene
Concen: 10.597 ug/l
RT: 7.965 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

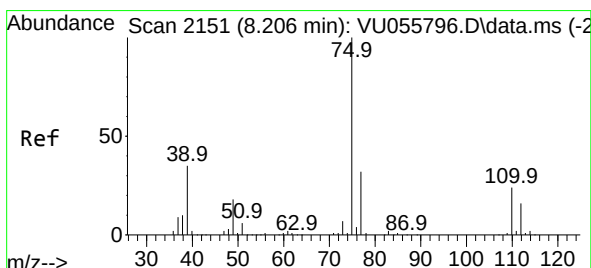
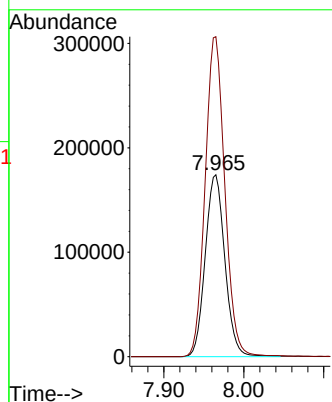
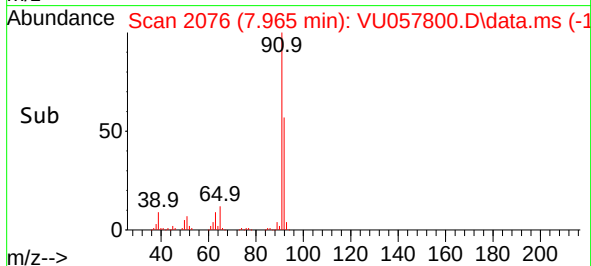
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 92 Resp: 298090
Ion Ratio Lower Upper
92 100
91 176.0 143.0 214.6

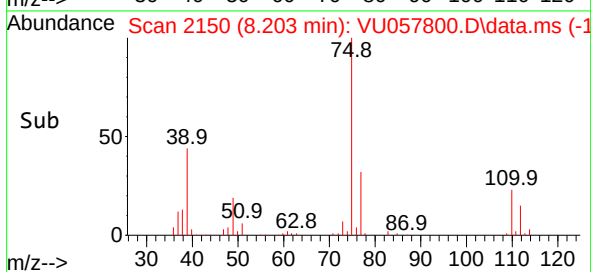
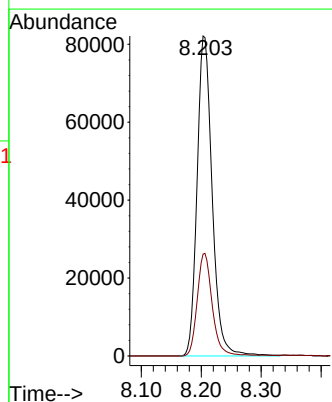
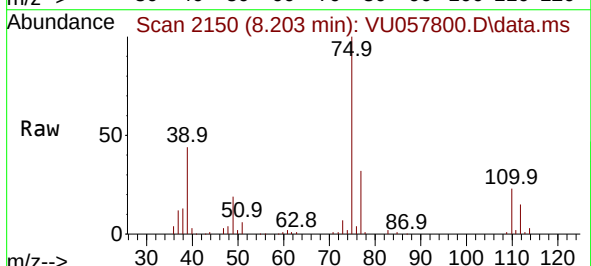
Manual Integrations
APPROVED

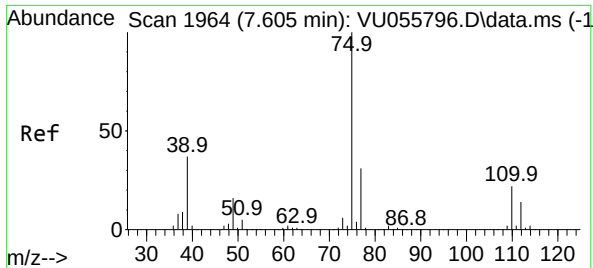
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#50
t-1,3-Dichloropropene
Concen: 10.857 ug/l
RT: 8.203 min Scan# 2150
Delta R.T. -0.003 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

Tgt Ion: 75 Resp: 144111
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 10.708 ug/l
 RT: 7.602 min Scan# 1964
 Delta R.T. -0.003 min
 Lab File: VU057800.D
 Acq: 02 Feb 2024 18:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

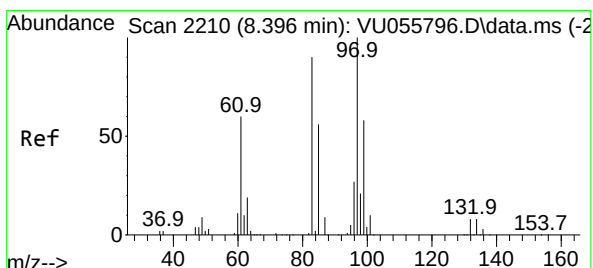
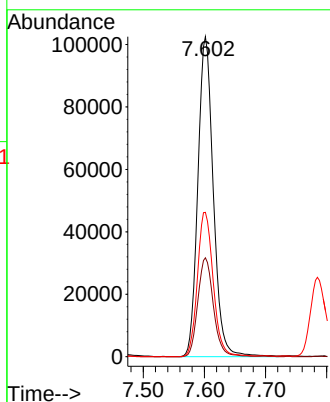
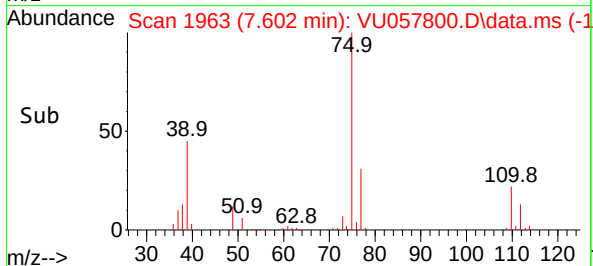
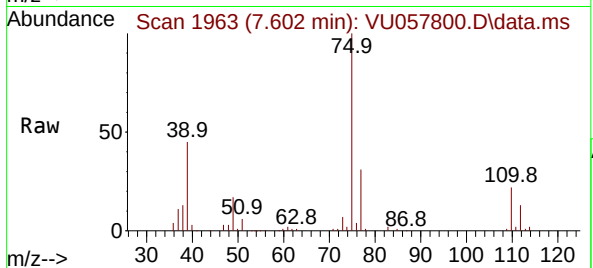
Tgt Ion: 75 Resp: 18002
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.7 38.5
 39 44.9 32.8 49.2

Manual Integrations

APPROVED

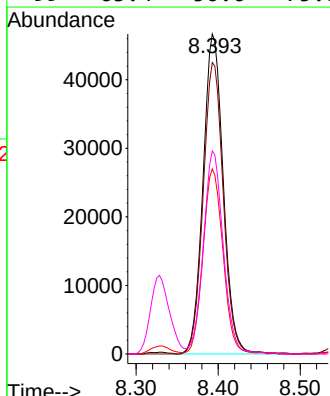
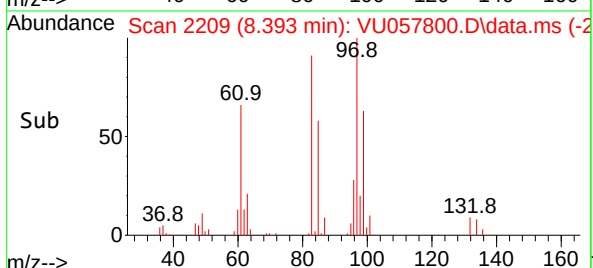
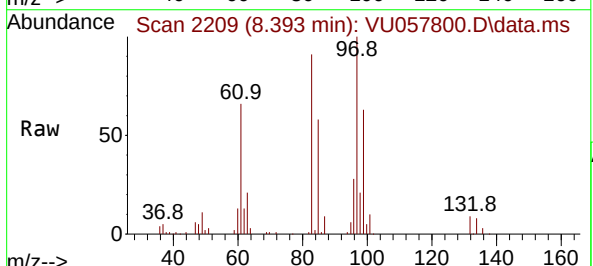
Reviewed By :John Carlone 02/14/2024

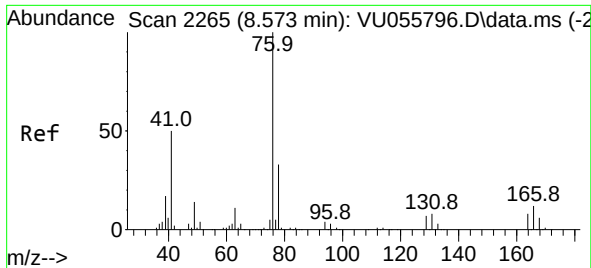
Supervised By :Mahesh Dadoda 02/14/2024



#52
 1,1,2-Trichloroethane
 Concen: 10.584 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. -0.003 min
 Lab File: VU057800.D
 Acq: 02 Feb 2024 18:30

Tgt Ion: 97 Resp: 80086
 Ion Ratio Lower Upper
 97 100
 83 91.1 71.8 107.8
 85 57.6 45.2 67.8
 99 63.4 50.6 75.8





#53
1,3-Dichloropropane
Concen: 10.580 ug/l
RT: 8.569 min Scan# 21
Delta R.T. -0.004 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

Instrument :

MSVOA_U

ClientSampleId :

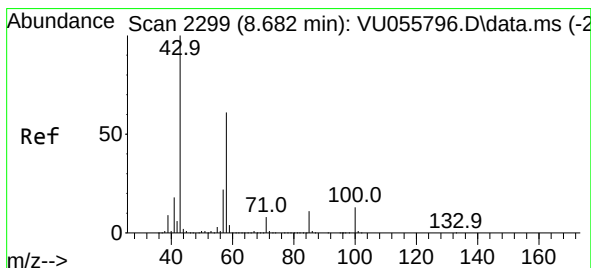
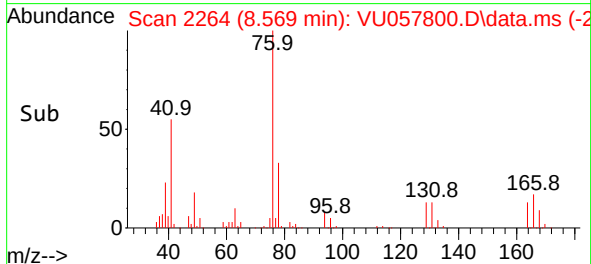
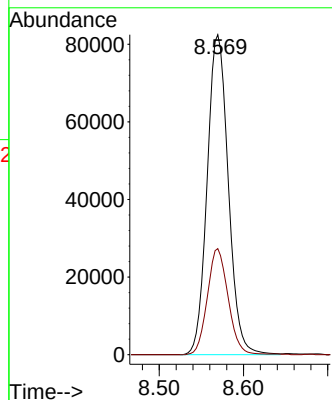
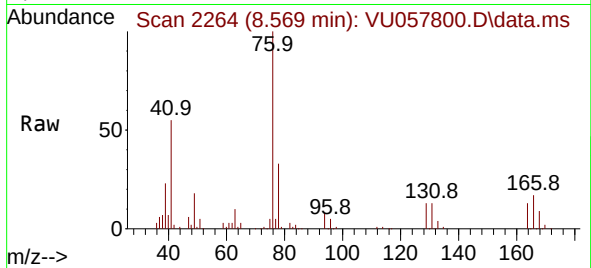
VSTDCCC010EC

Tgt Ion: 76 Resp: 143874
Ion Ratio Lower Upper
76 100
78 32.7 25.9 38.9

Manual Integrations

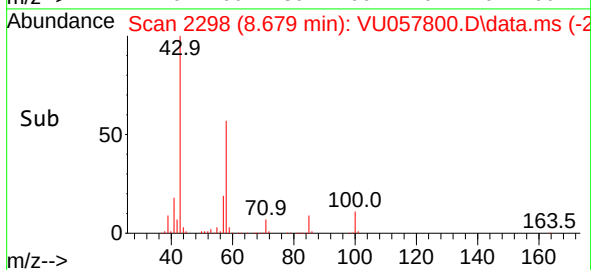
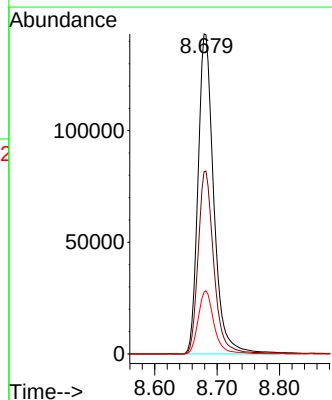
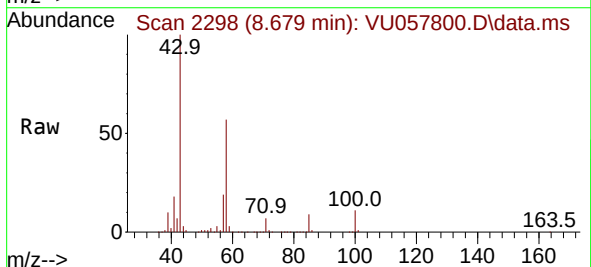
APPROVED

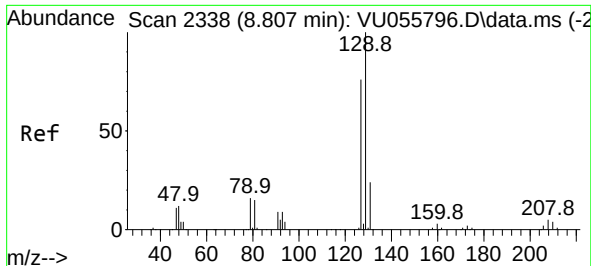
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#54
2-Hexanone
Concen: 46.653 ug/l
RT: 8.679 min Scan# 2298
Delta R.T. -0.003 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

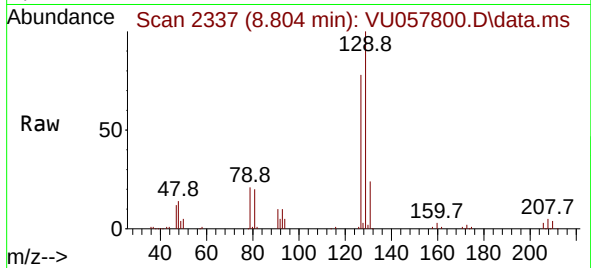
Tgt Ion: 43 Resp: 251330
Ion Ratio Lower Upper
43 100
58 56.7 38.2 78.2
57 19.8 0.0 39.1





#55
Dibromochloromethane
Concen: 10.554 ug/l
RT: 8.804 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

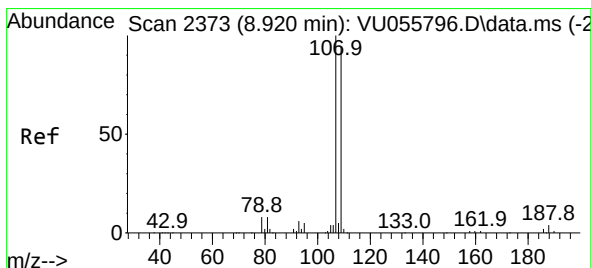
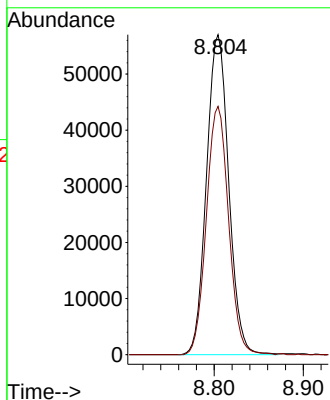
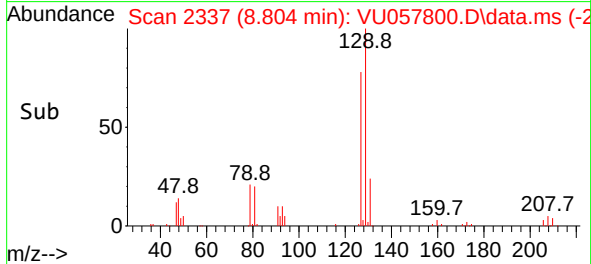
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:129 Resp: 98838
Ion Ratio Lower Upper
129 100
127 77.6 61.4 92.0

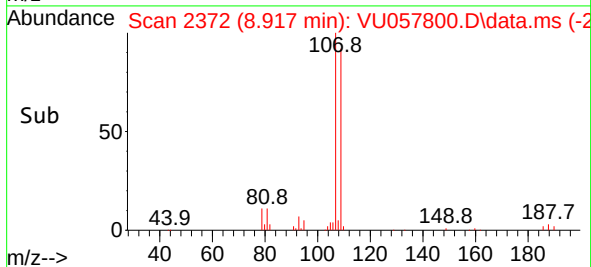
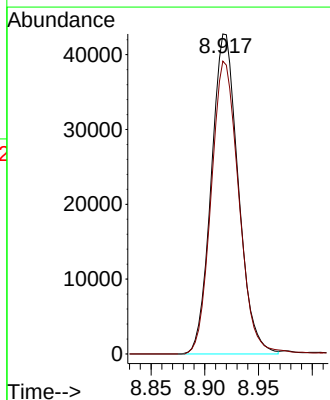
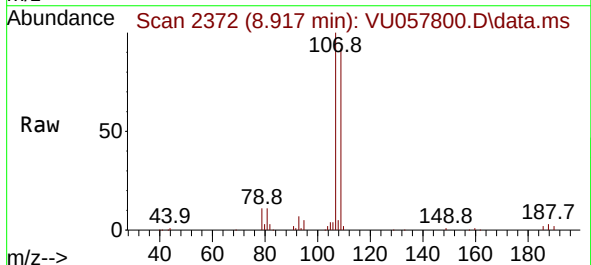
Manual Integrations
APPROVED

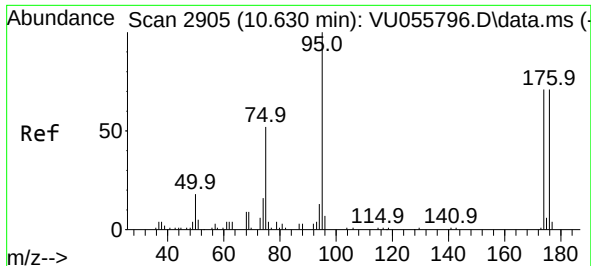
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#56
1,2-Dibromoethane
Concen: 10.707 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. -0.003 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

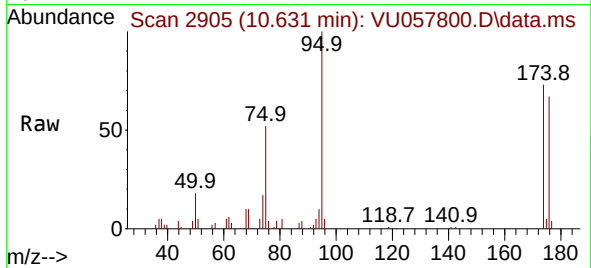
Tgt Ion:107 Resp: 74558
Ion Ratio Lower Upper
107 100
109 93.7 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 0.968 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.001 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

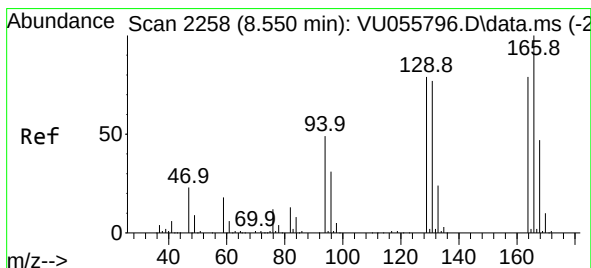
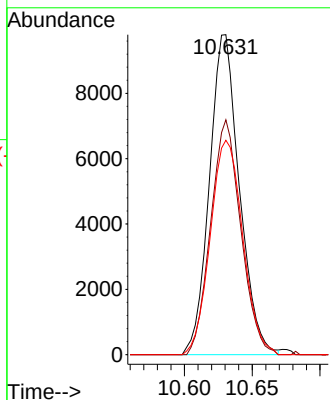
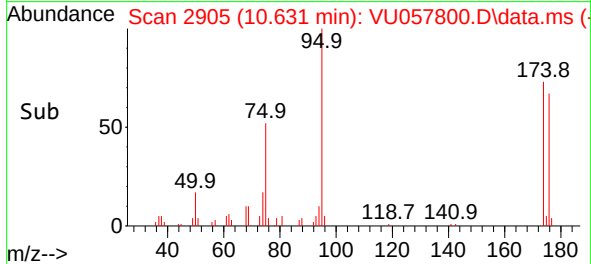
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 95 Resp: 15070
Ion Ratio Lower Upper
95 100
174 73.6 63.3 94.9
176 72.5 59.3 88.9

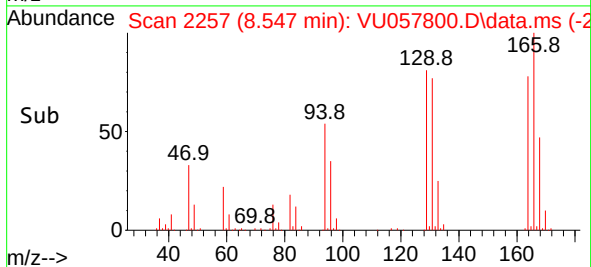
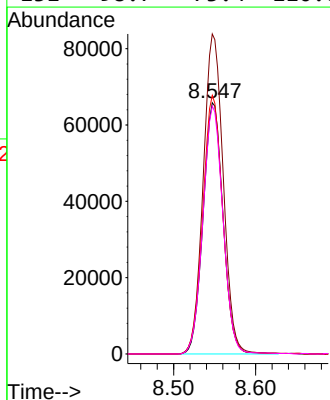
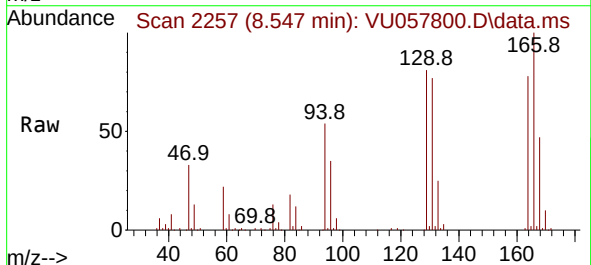
Manual Integrations
APPROVED

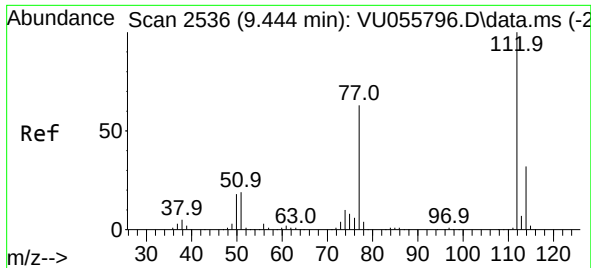
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#58
Tetrachloroethene
Concen: 10.311 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

Tgt Ion:164 Resp: 111262
Ion Ratio Lower Upper
164 100
166 127.4 99.6 149.4
129 102.9 78.6 117.8
131 98.7 73.4 110.0





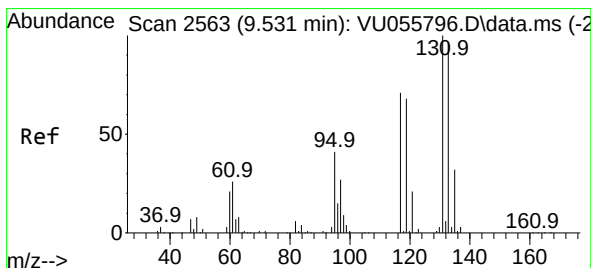
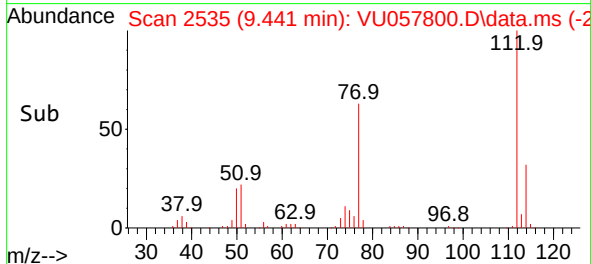
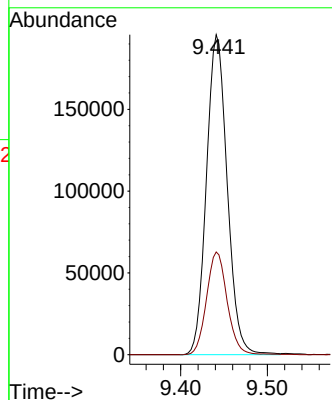
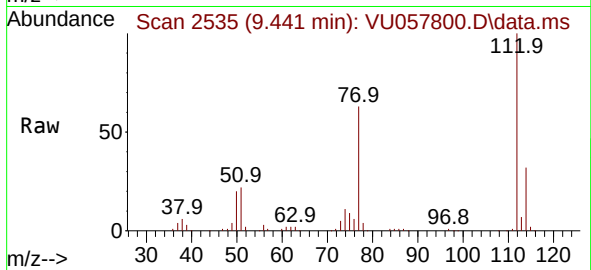
#59
Chlorobenzene
Concen: 10.480 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. -0.003 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:112 Resp: 32593
Ion Ratio Lower Upper
112 100
114 32.1 25.6 38.4

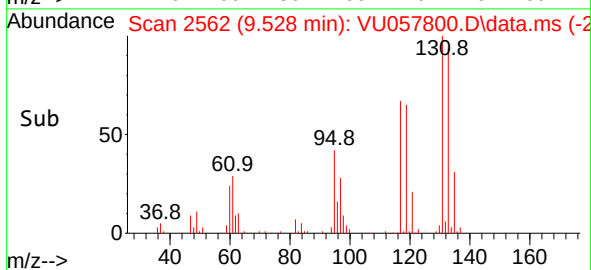
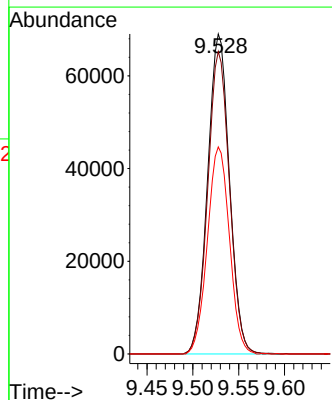
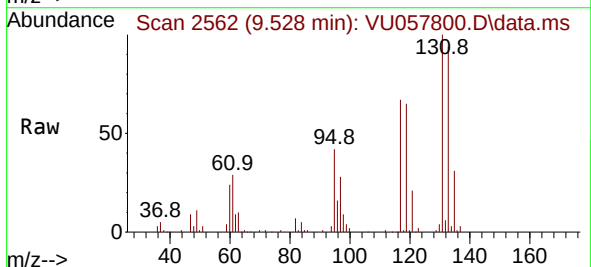
Manual Integrations
APPROVED

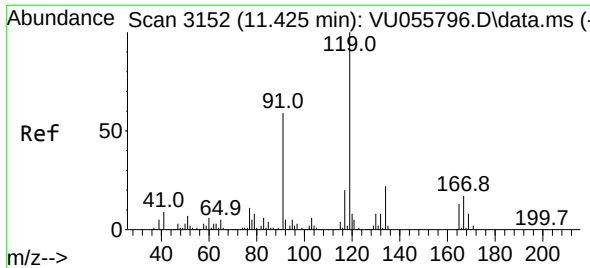
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#60
1,1,1,2-Tetrachloroethane
Concen: 10.817 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. -0.003 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

Tgt Ion:131 Resp: 114213
Ion Ratio Lower Upper
131 100
133 94.5 77.8 116.6
119 65.3 55.2 82.8





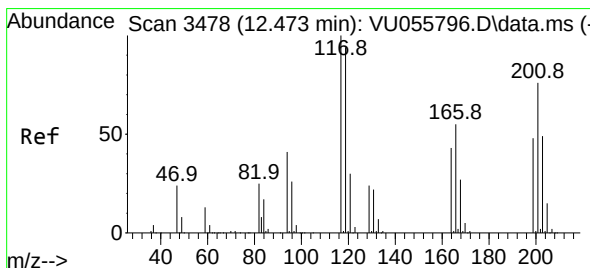
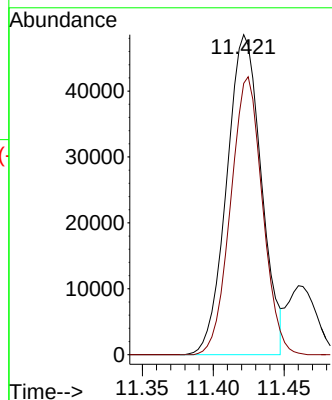
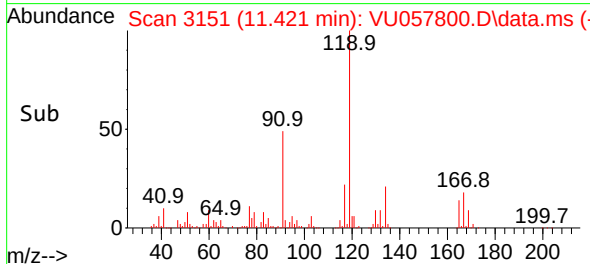
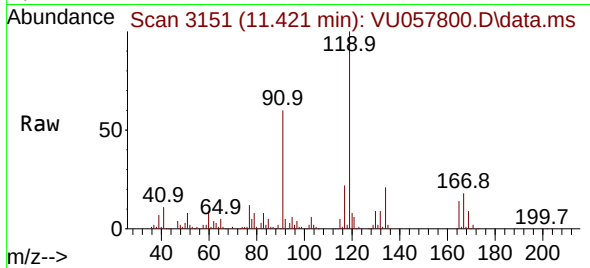
#61
Pentachloroethane
Concen: 10.762 ug/l
RT: 11.421 min Scan# 3152
Delta R.T. -0.004 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 8260
Ion Ratio Lower Upper
117 100
167 79.9 56.7 85.1

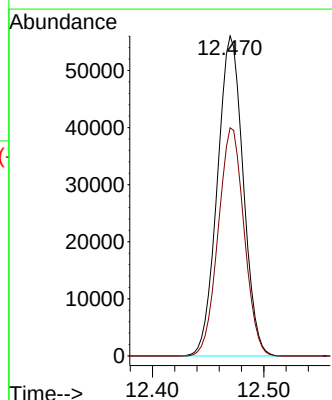
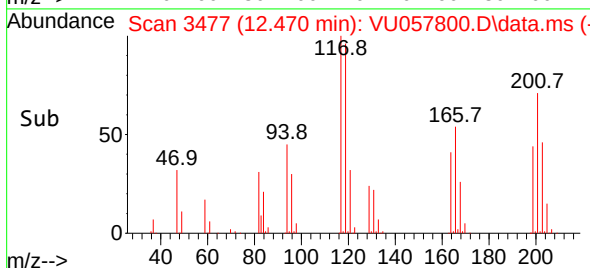
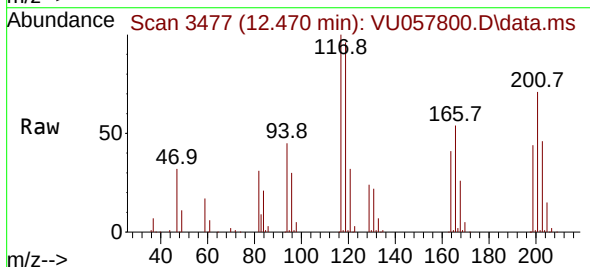
Manual Integrations
APPROVED

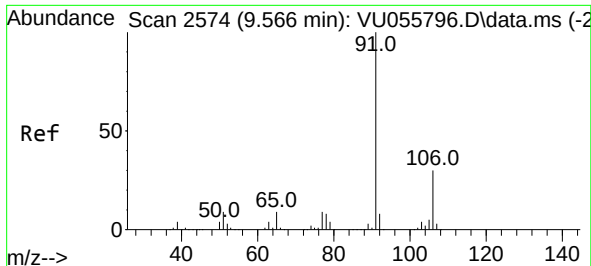
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#62
Hexachloroethane
Concen: 8.971 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. -0.003 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

Tgt Ion:117 Resp: 90396
Ion Ratio Lower Upper
117 100
201 71.4 59.6 89.4





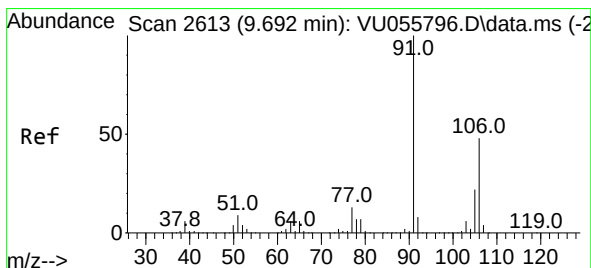
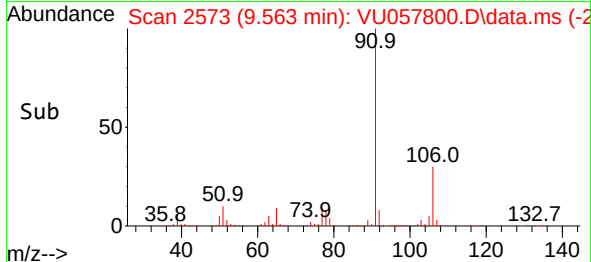
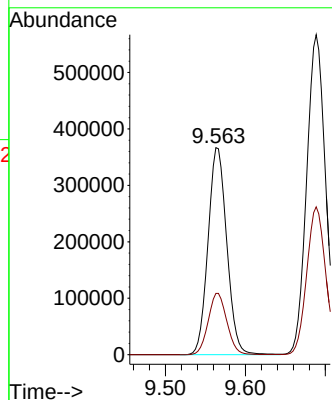
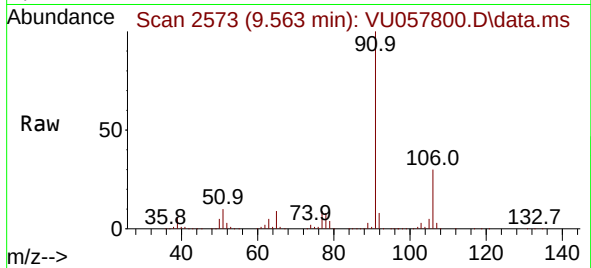
#63
Ethyl Benzene
Concen: 10.804 ug/l
RT: 9.563 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 597579
Ion Ratio Lower Upper
91 100
106 29.6 24.2 36.2

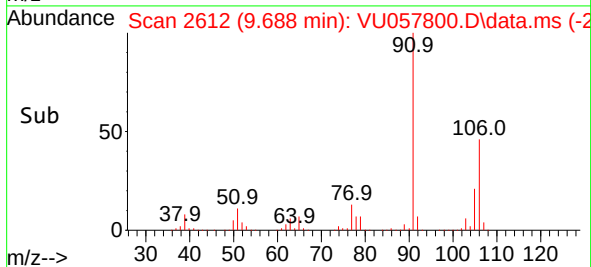
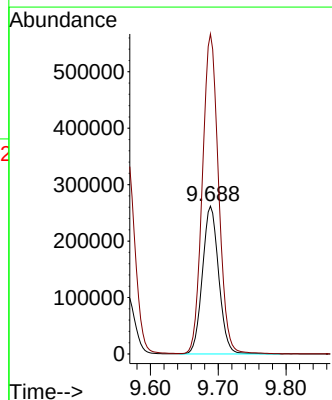
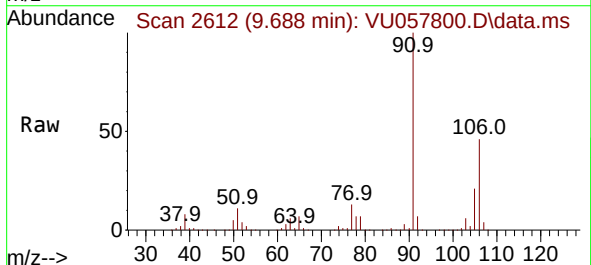
Manual Integrations
APPROVED

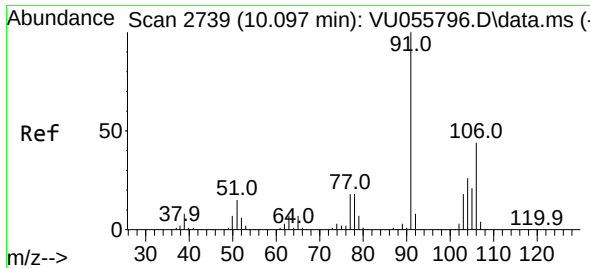
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#64
m/p-Xylenes
Concen: 21.670 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. -0.004 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

Tgt Ion:106 Resp: 435325
Ion Ratio Lower Upper
106 100
91 215.5 167.3 250.9





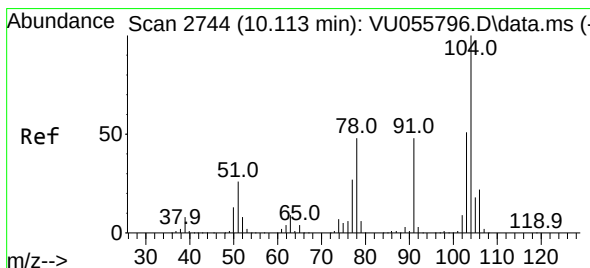
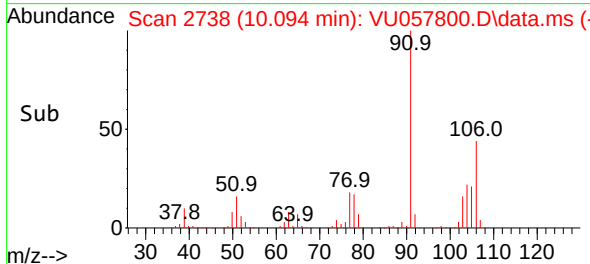
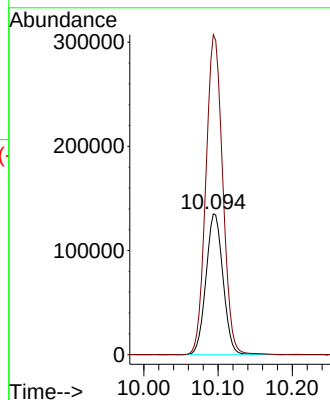
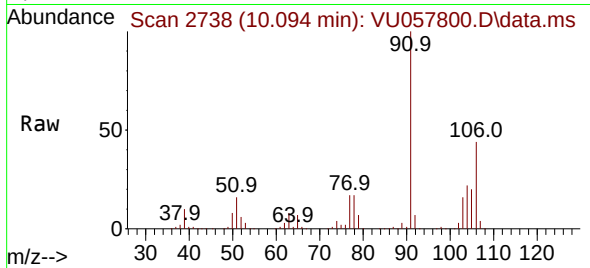
#65
o-Xylene
Concen: 10.791 ug/l
RT: 10.094 min Scan# 21458
Delta R.T. -0.003 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:106 Resp: 21458
Ion Ratio Lower Upper
106 100
91 225.7 109.3 327.9

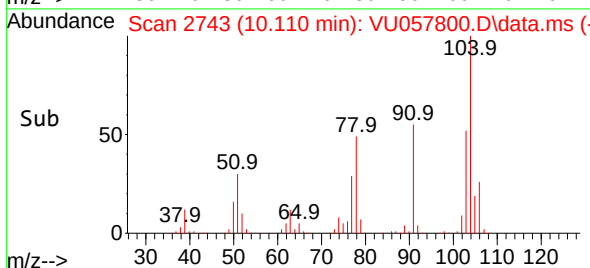
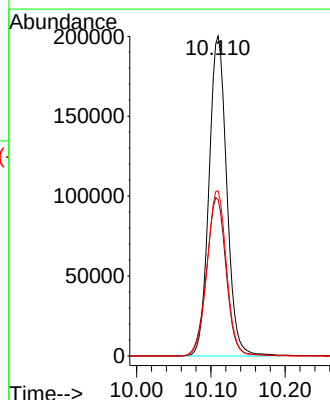
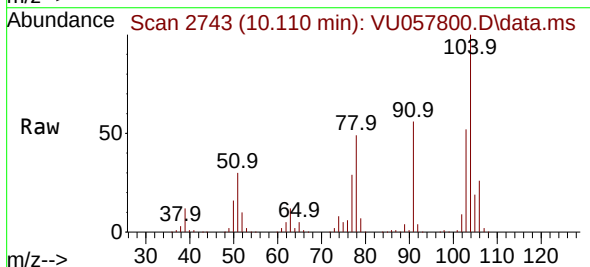
Manual Integrations
APPROVED

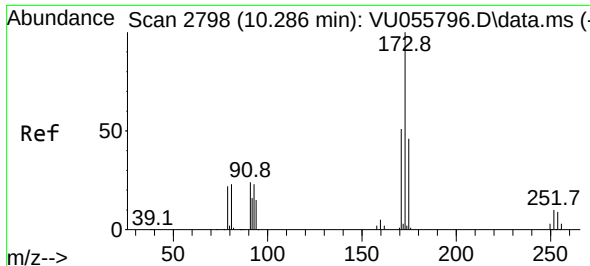
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#66
Styrene
Concen: 11.227 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. -0.003 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

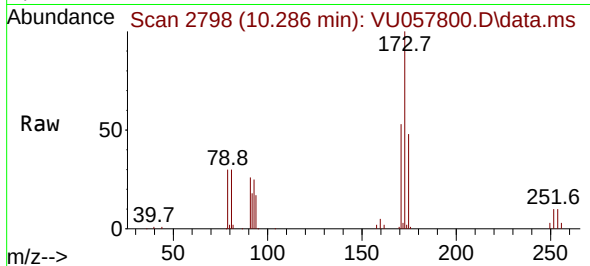
Tgt Ion:104 Resp: 333211
Ion Ratio Lower Upper
104 100
78 54.8 39.7 59.5
103 56.5 44.8 67.2





#67
Bromoform
Concen: 10.485 ug/l
RT: 10.286 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

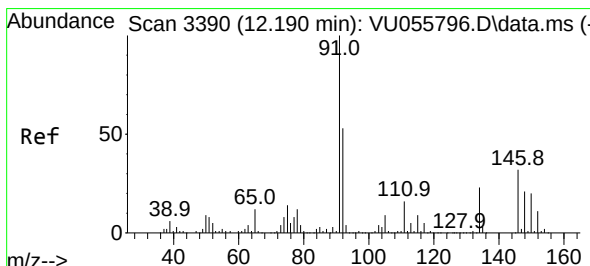
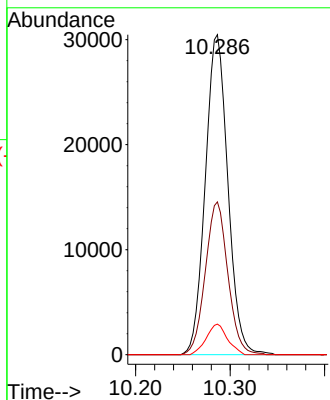
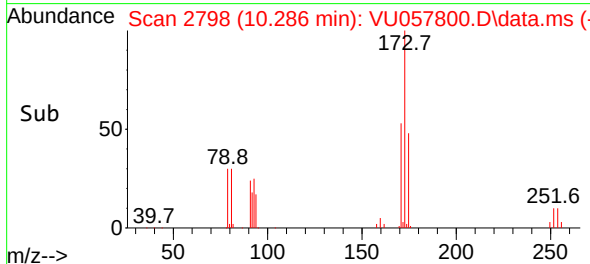
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



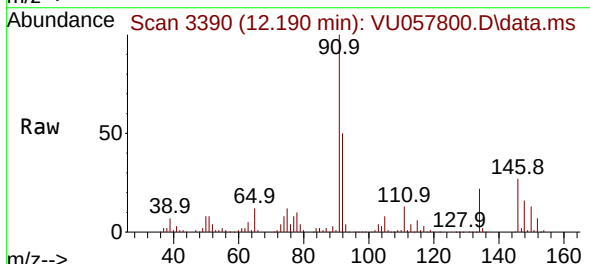
Tgt Ion:173 Resp: 5054
Ion Ratio Lower Upper
173 100
175 47.6 39.0 58.6
254 8.9 7.4 11.0

Manual Integrations
APPROVED

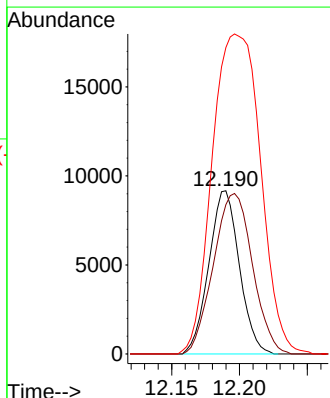
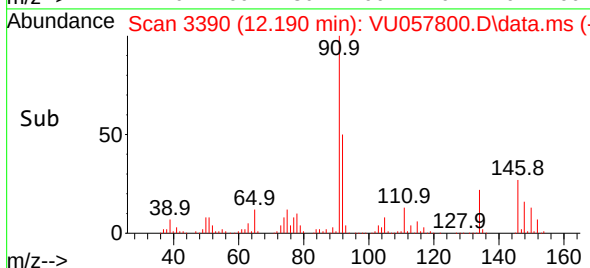
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

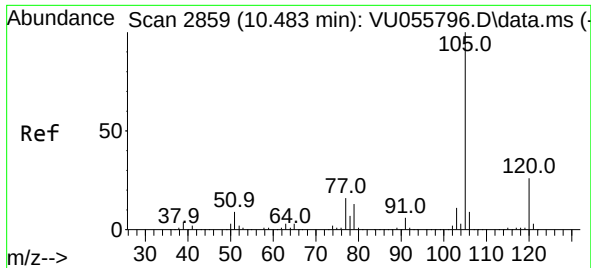


#68
1,2-Dichlorobenzene-d4
Concen: 1.025 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. -0.000 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30



Tgt Ion:152 Resp: 14368
Ion Ratio Lower Upper
152 100
115 125.8 0.0 308.8
150 310.2 0.0 635.0





#69
Isopropylbenzene
Concen: 10.915 ug/l
RT: 10.479 min Scan# 2859
Delta R.T. -0.004 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

Instrument :

MSVOA_U

ClientSampleId :

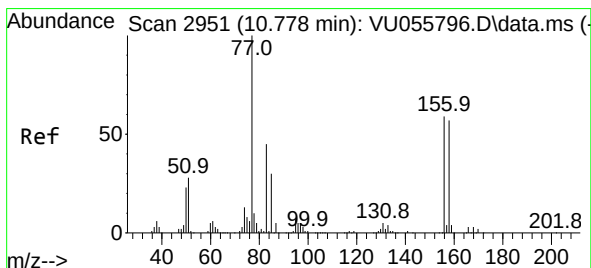
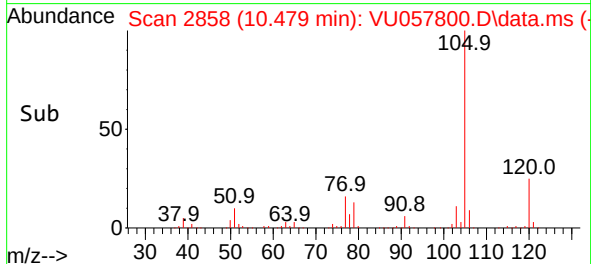
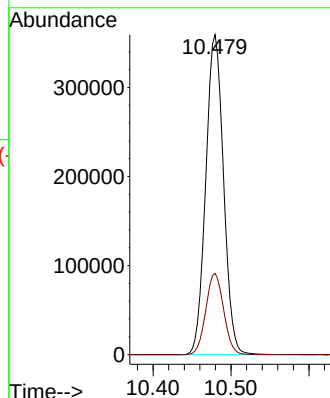
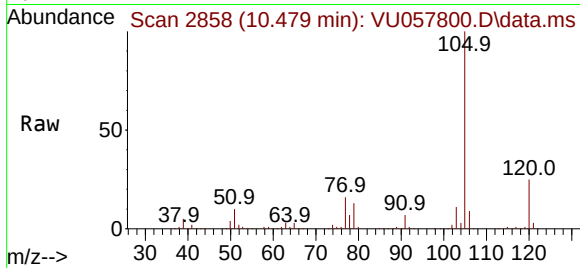
VSTDCCC010EC

Tgt Ion:105 Resp: 56900
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.4

Manual Integrations

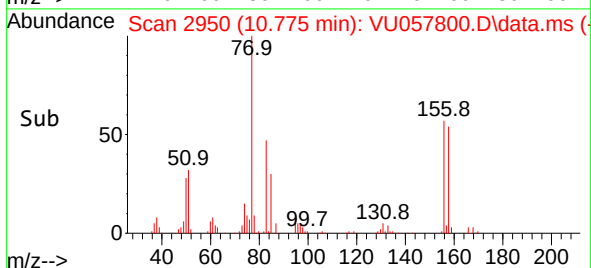
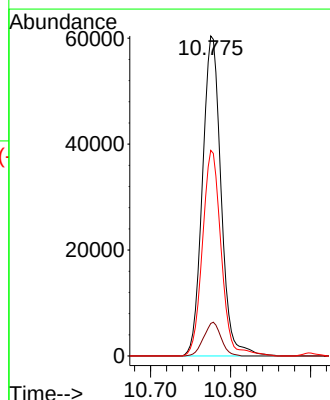
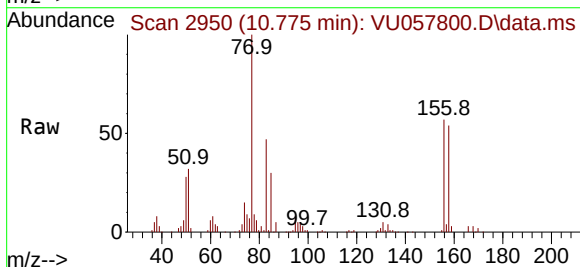
APPROVED

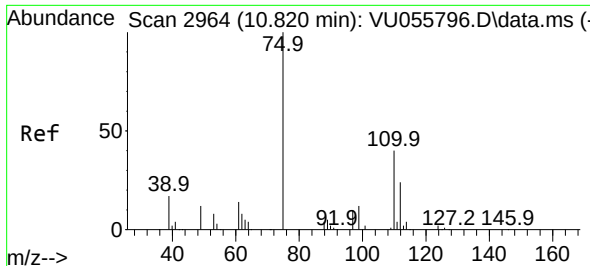
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#70
1,1,2,2-Tetrachloroethane
Concen: 10.323 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

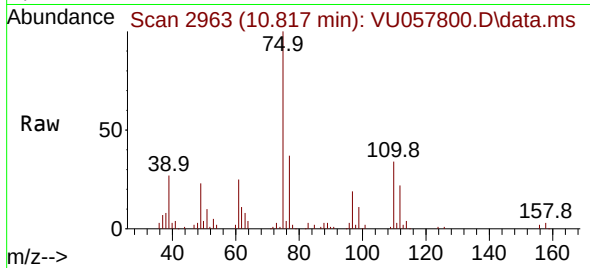
Tgt Ion: 83 Resp: 97898
Ion Ratio Lower Upper
83 100
131 9.9 7.2 10.8
85 64.6 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 8.439 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. -0.003 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

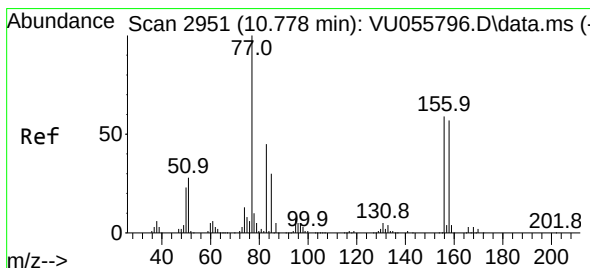
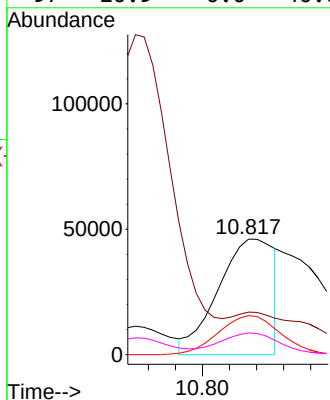
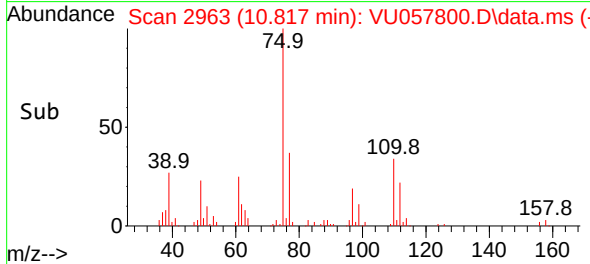
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



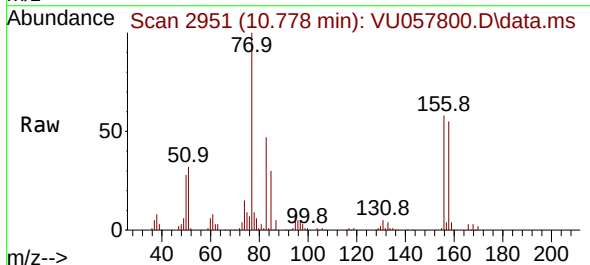
Tgt Ion: 75 Resp: 6607
Ion Ratio Lower Upper
75 100
77 0.0 0.0 116.4
110 37.7 0.0 74.6
97 20.9 0.0 40.0

Manual Integrations
APPROVED

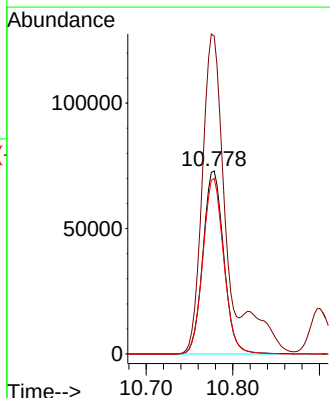
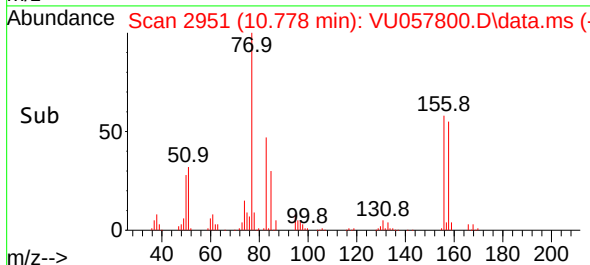
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

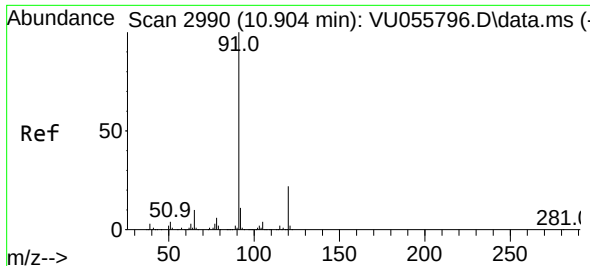


#72
Bromobenzene
Concen: 10.605 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30



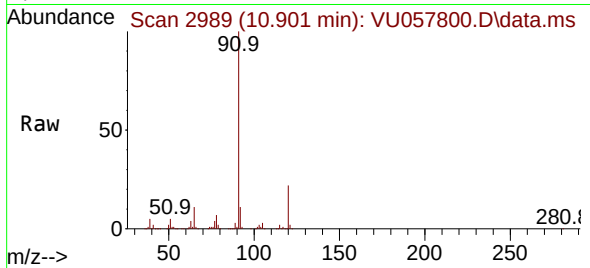
Tgt Ion:156 Resp: 121662
Ion Ratio Lower Upper
156 100
77 176.5 0.0 343.0
158 96.3 0.0 194.8





#73
n-propylbenzene
Concen: 11.026 ug/l
RT: 10.901 min Scan# 2990
Delta R.T. -0.003 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

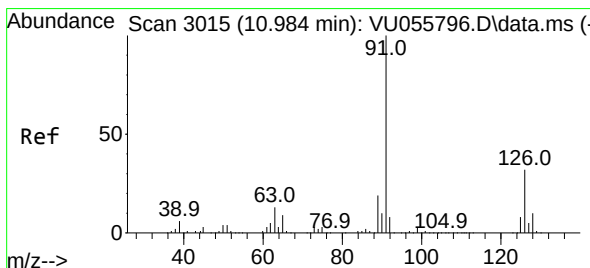
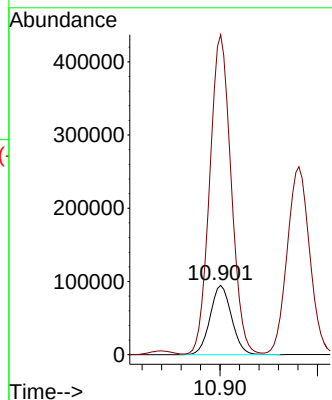
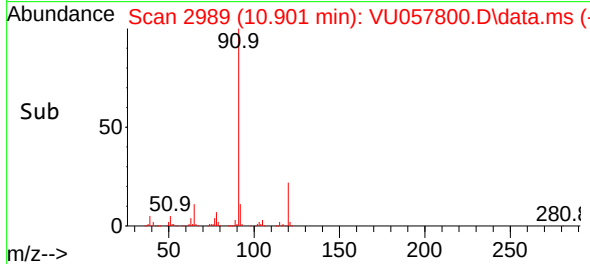
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



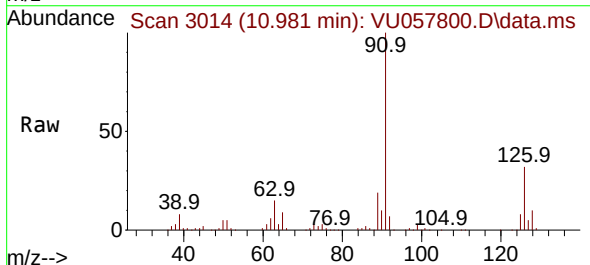
Tgt Ion:120 Resp: 144434
Ion Ratio Lower Upper
120 100
91 460.4 369.8 554.6

Manual Integrations
APPROVED

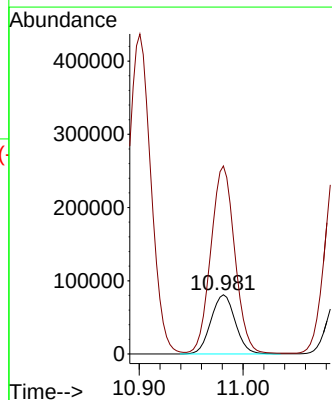
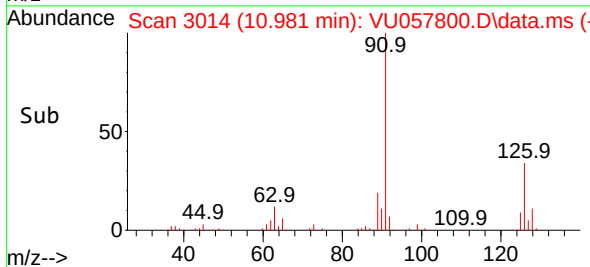
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

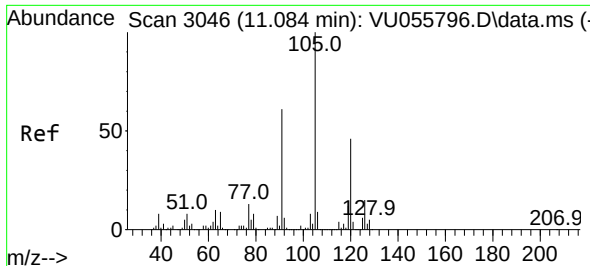


#74
2-Chlorotoluene
Concen: 10.801 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. -0.003 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30



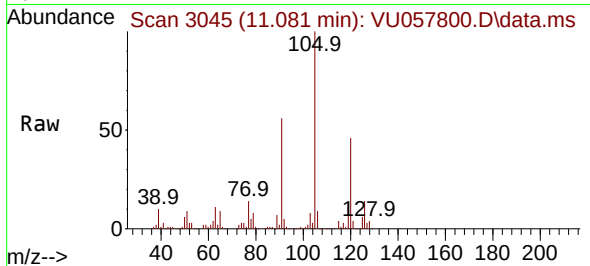
Tgt Ion:126 Resp: 131244
Ion Ratio Lower Upper
126 100
91 311.8 0.0 610.0





#75
1,3,5-Trimethylbenzene
Concen: 10.675 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. -0.003 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

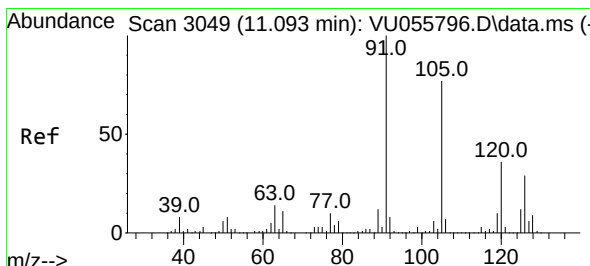
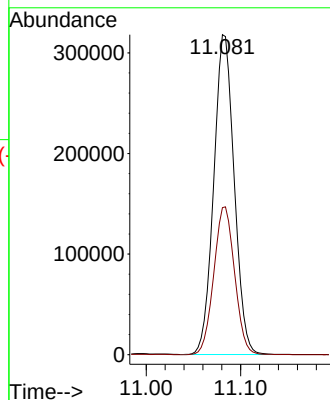
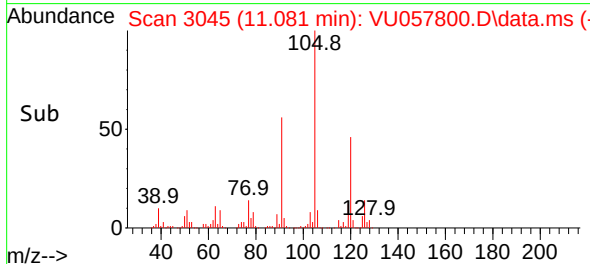
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



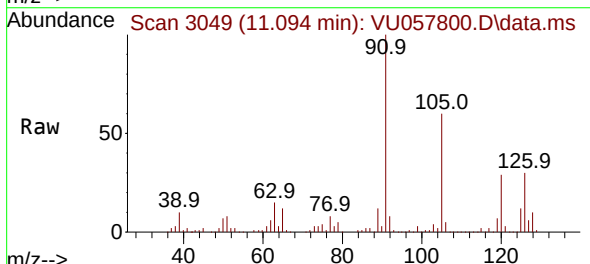
Tgt Ion:105 Resp: 478010
Ion Ratio Lower Upper
105 100
120 47.1 37.8 56.8

Manual Integrations
APPROVED

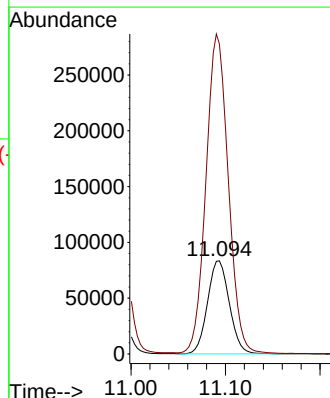
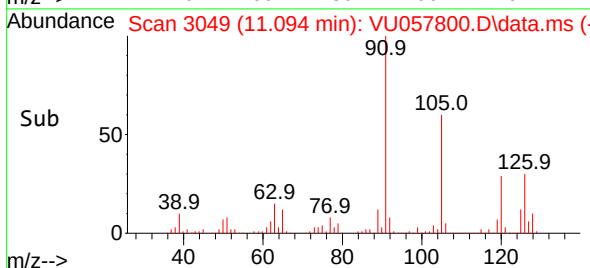
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

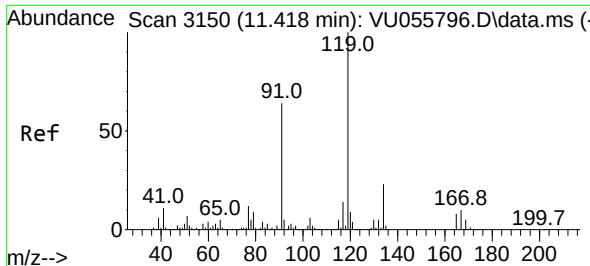


#76
4-Chlorotoluene
Concen: 10.934 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.001 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30



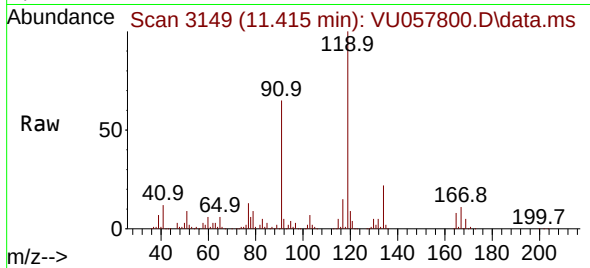
Tgt Ion:126 Resp: 133529
Ion Ratio Lower Upper
126 100
91 351.0 0.0 686.2





#77
tert-Butylbenzene
Concen: 10.498 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

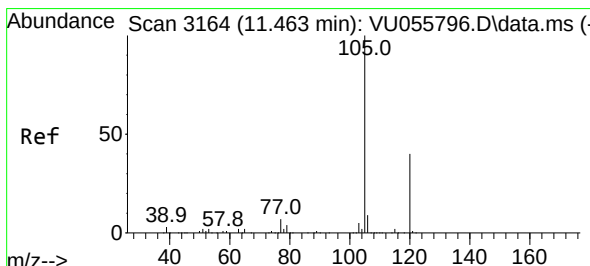
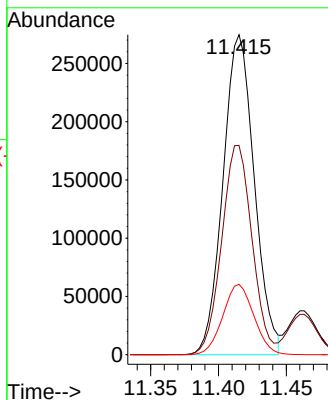
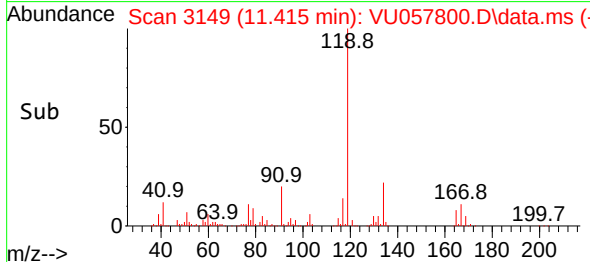
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:119 Resp: 441118
Ion Ratio Lower Upper
119 100
91 63.4 30.8 92.4
134 21.8 18.0 27.0

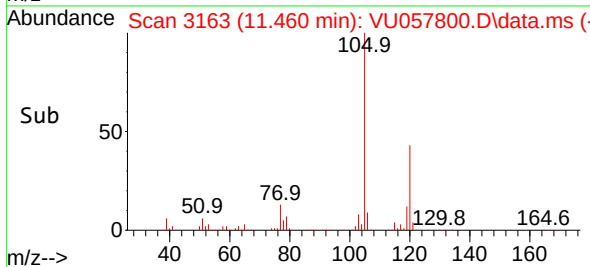
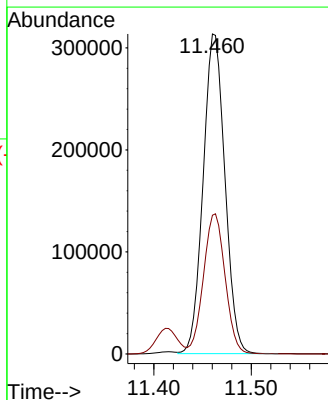
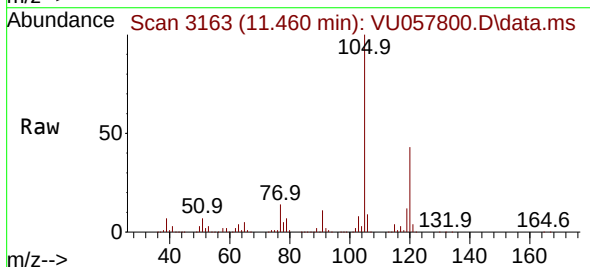
Manual Integrations
APPROVED

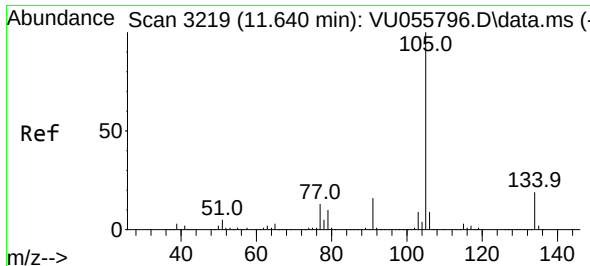
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#78
1,2,4-Trimethylbenzene
Concen: 10.703 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. -0.003 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

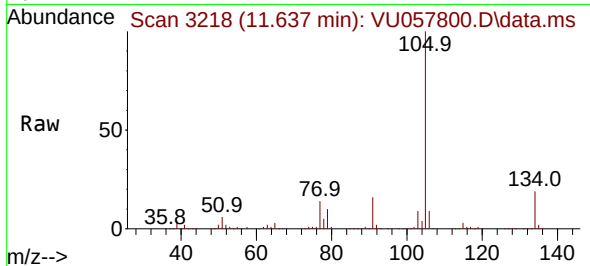
Tgt Ion:105 Resp: 486098
Ion Ratio Lower Upper
105 100
120 43.5 21.9 65.8





#79
 sec-Butylbenzene
 Concen: 10.337 ug/l
 RT: 11.637 min Scan# 3219
 Delta R.T. -0.003 min
 Lab File: VU057800.D
 Acq: 02 Feb 2024 18:30

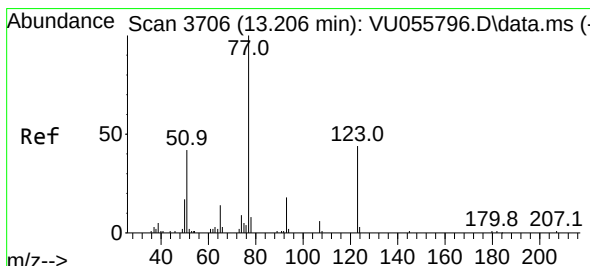
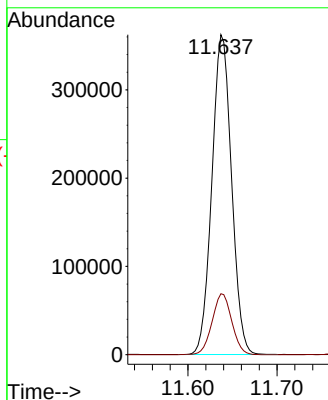
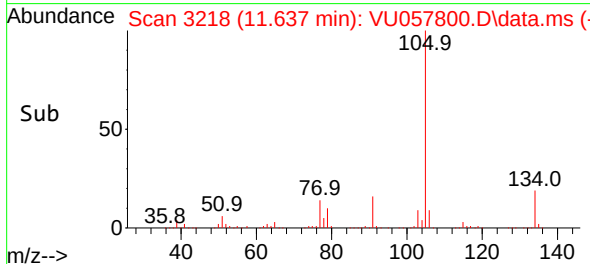
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



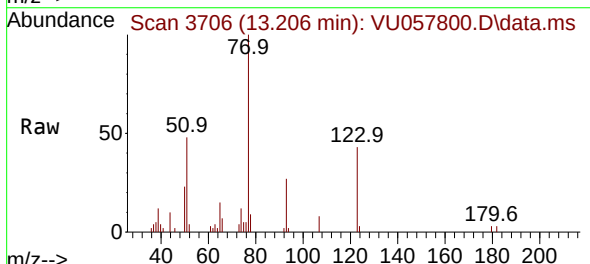
Tgt Ion:105 Resp: 55517
 Ion Ratio Lower Upper
 105 100
 134 19.1 14.9 22.3

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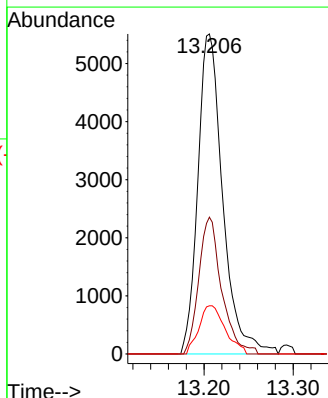
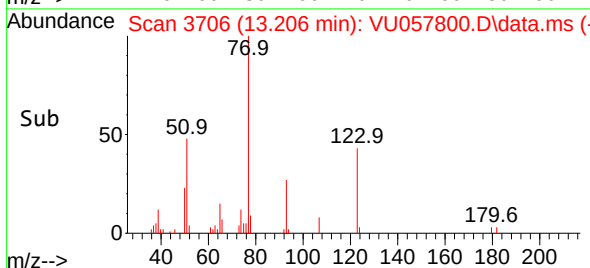
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024

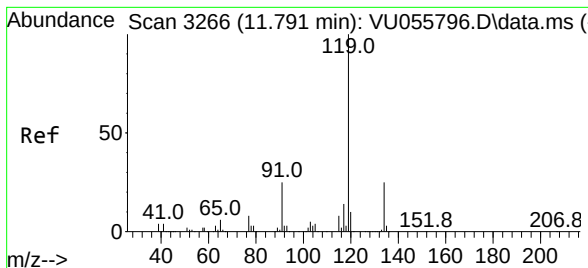


#80
 Nitrobenzene
 Concen: 44.944 ug/l
 RT: 13.206 min Scan# 3706
 Delta R.T. -0.000 min
 Lab File: VU057800.D
 Acq: 02 Feb 2024 18:30



Tgt Ion: 77 Resp: 10700
 Ion Ratio Lower Upper
 77 100
 123 39.2 19.7 69.7
 65 15.8 11.5 14.7#





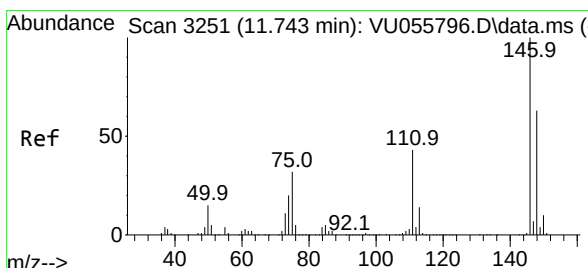
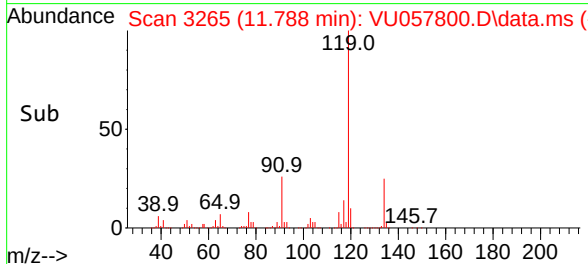
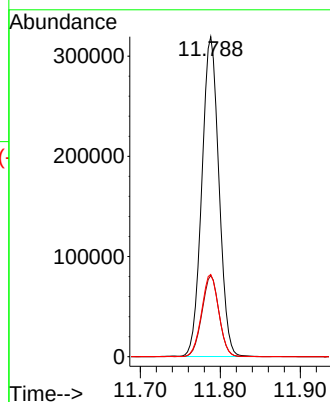
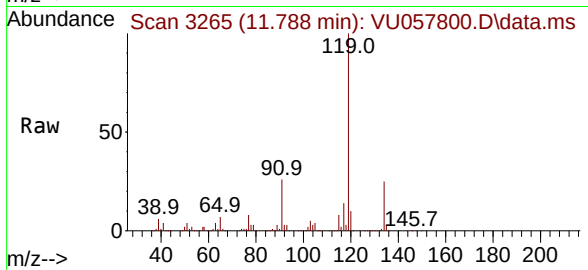
#81
p-Isopropyltoluene
Concen: 10.474 ug/l
RT: 11.788 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 474290
Ion Ratio Lower Upper
119 100
134 25.2 20.2 30.4
91 25.9 19.3 28.9

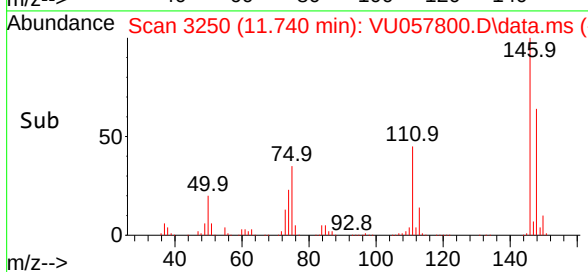
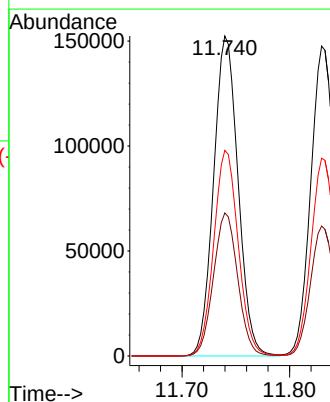
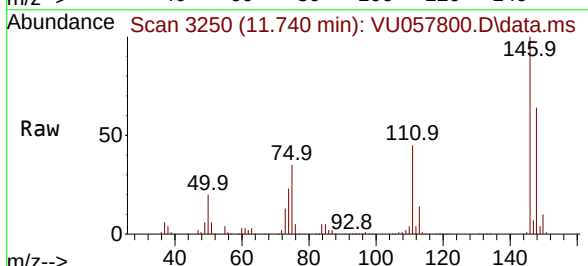
Manual Integrations
APPROVED

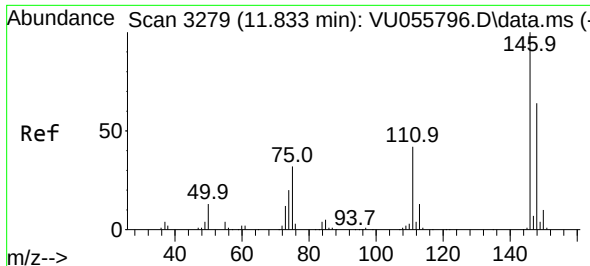
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#82
1,3-Dichlorobenzene
Concen: 10.392 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. -0.003 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

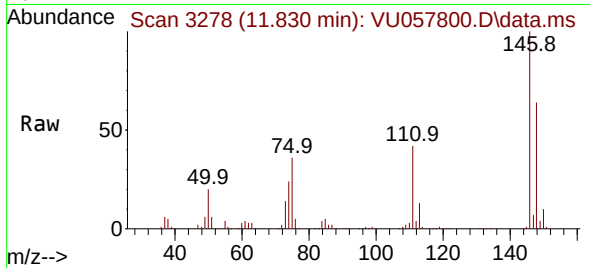
Tgt Ion:146 Resp: 241025
Ion Ratio Lower Upper
146 100
111 44.4 32.6 49.0
148 64.5 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 10.497 ug/l
RT: 11.830 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

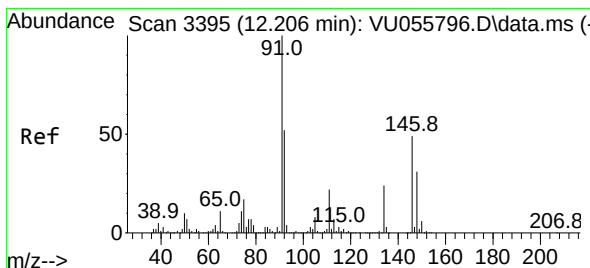
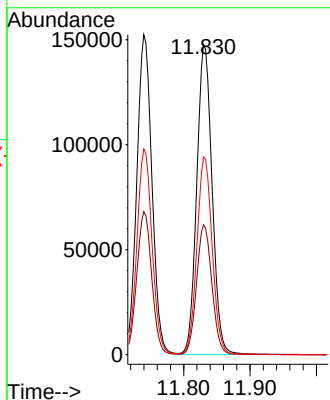
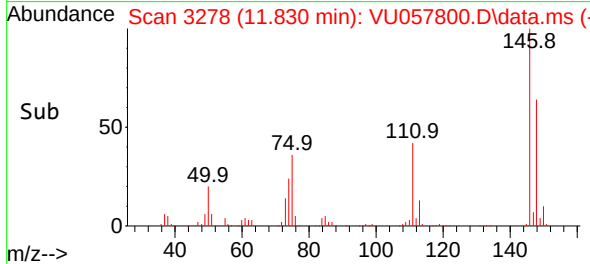
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:146 Resp: 237662
Ion Ratio Lower Upper
146 100
111 41.8 31.6 47.4
148 63.3 50.3 75.5

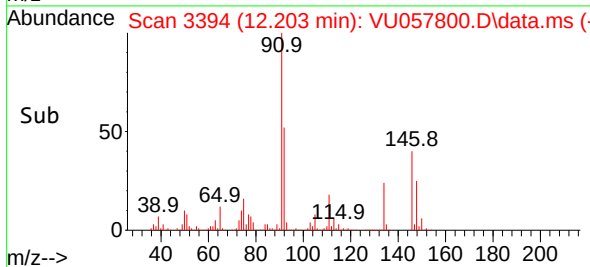
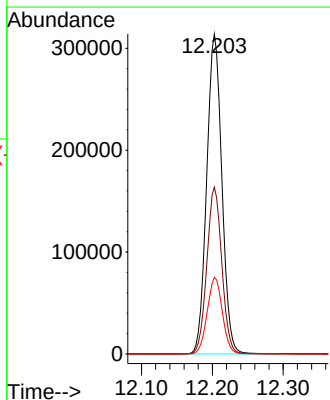
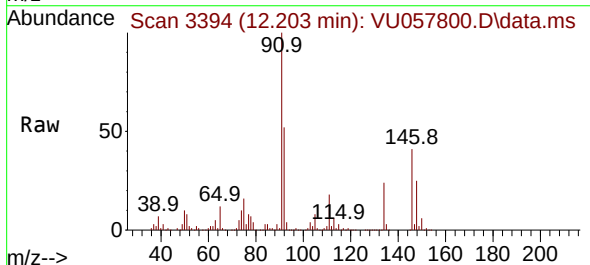
Manual Integrations
APPROVED

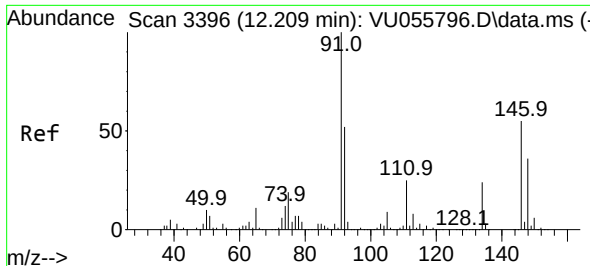
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#84
n-Butylbenzene
Concen: 10.785 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. -0.003 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

Tgt Ion: 91 Resp: 467070
Ion Ratio Lower Upper
91 100
92 51.4 40.8 61.2
134 23.9 18.4 27.6





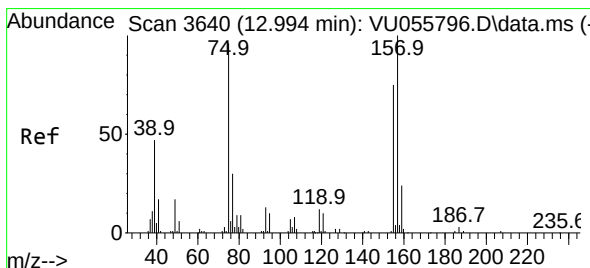
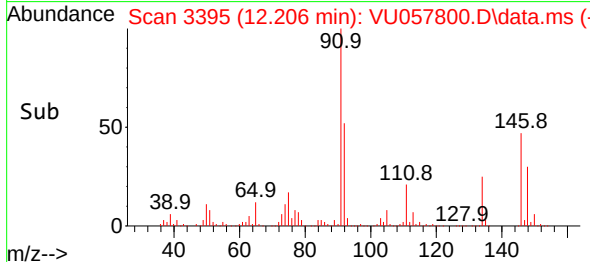
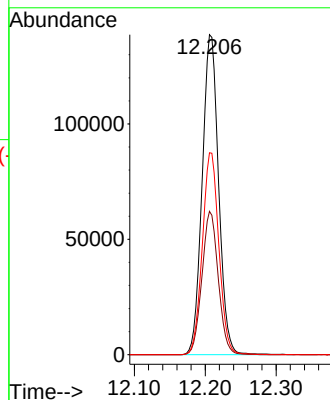
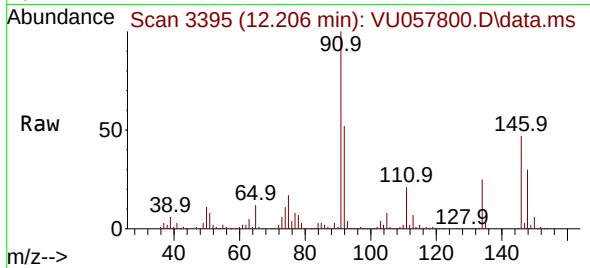
#85
1,2-Dichlorobenzene
Concen: 10.605 ug/l
RT: 12.206 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:146 Resp: 22315
Ion Ratio Lower Upper
146 100
111 44.5 21.6 64.6
148 63.5 32.1 96.5

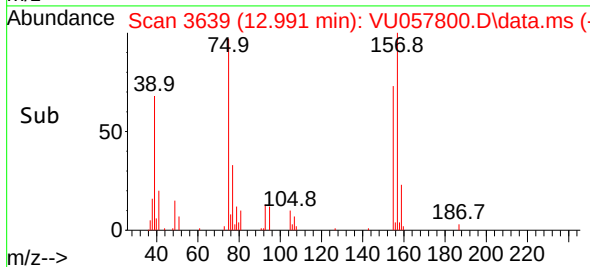
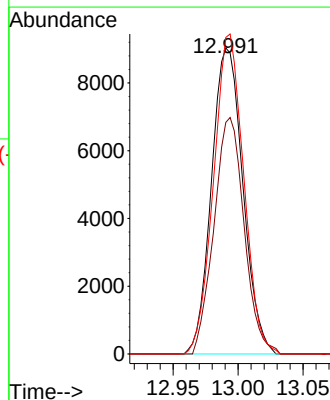
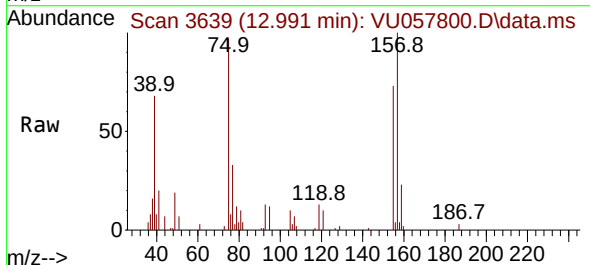
Manual Integrations
APPROVED

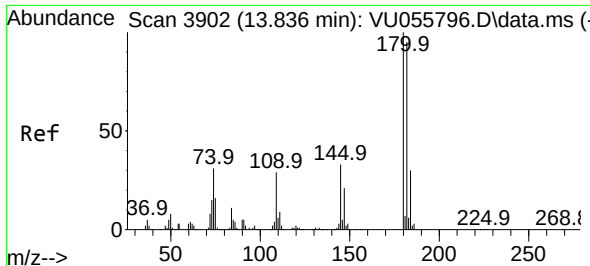
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#86
1,2-Dibromo-3-Chloropropane
Concen: 9.805 ug/l
RT: 12.991 min Scan# 3639
Delta R.T. -0.003 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

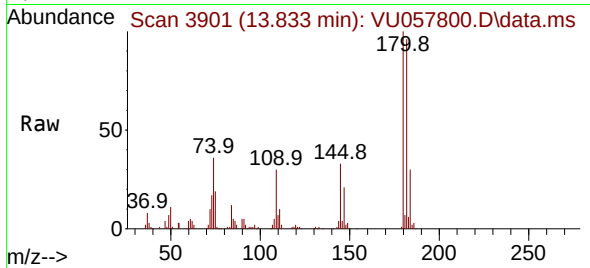
Tgt Ion: 75 Resp: 15184
Ion Ratio Lower Upper
75 100
155 74.2 61.8 92.8
157 100.3 80.2 120.4





#87
1,2,4-Trichlorobenzene
Concen: 11.041 ug/l
RT: 13.833 min Scan# 3901
Delta R.T. -0.003 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

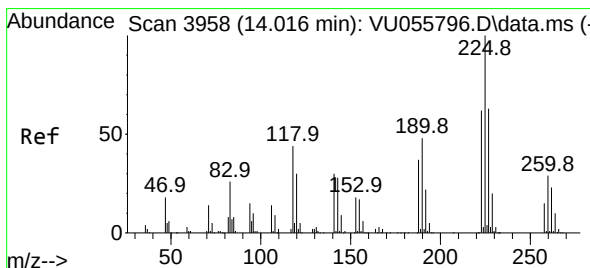
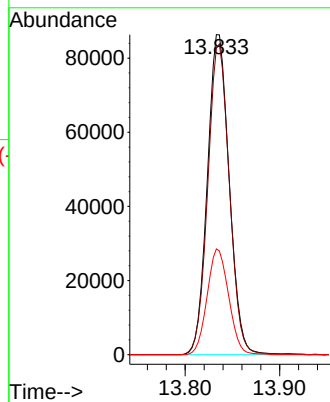
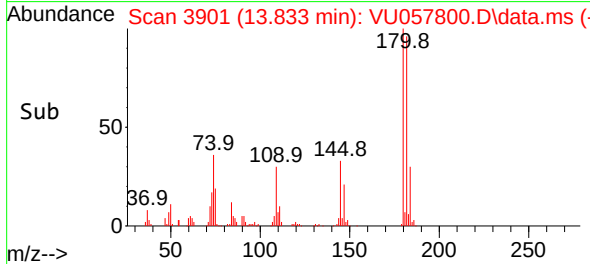
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:180 Resp: 138820
Ion Ratio Lower Upper
180 100
182 95.9 75.8 113.6
145 32.5 23.9 35.9

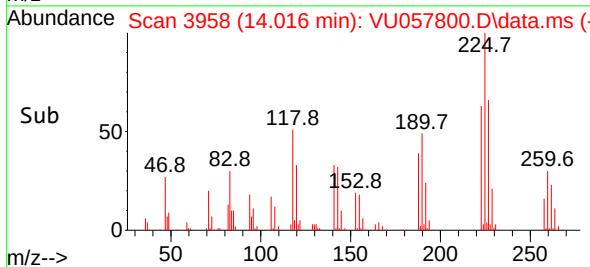
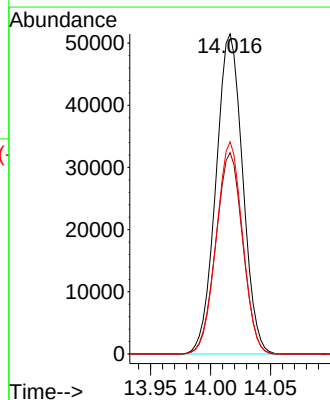
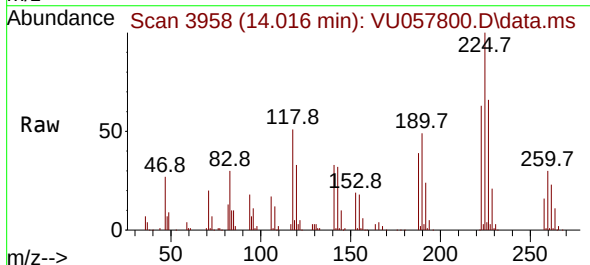
Manual Integrations
APPROVED

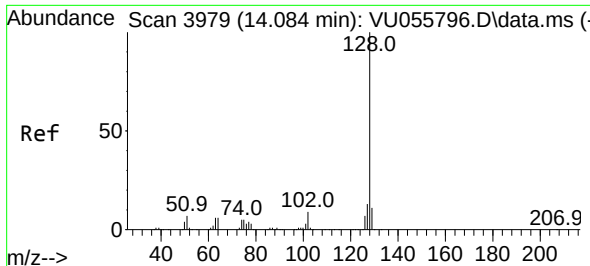
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#88
Hexachlorobutadiene
Concen: 9.893 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.000 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

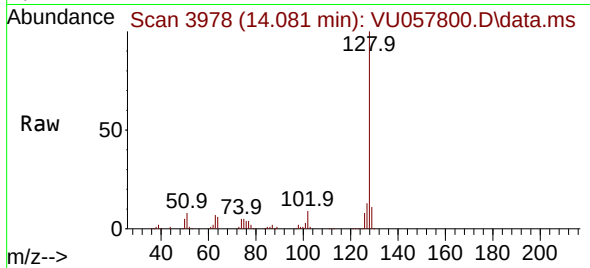
Tgt Ion:225 Resp: 79817
Ion Ratio Lower Upper
225 100
223 63.2 50.2 75.4
227 65.0 51.5 77.3





#89
Naphthalene
Concen: 10.750 ug/l
RT: 14.081 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30

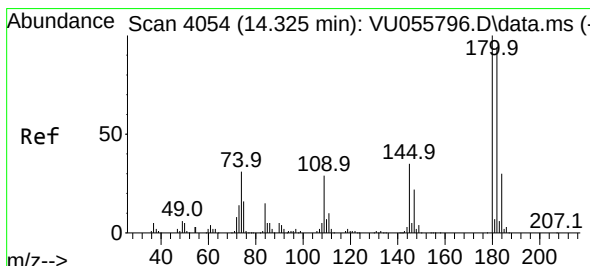
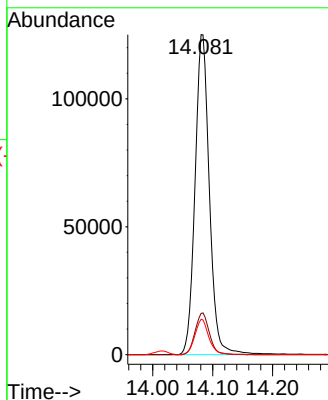
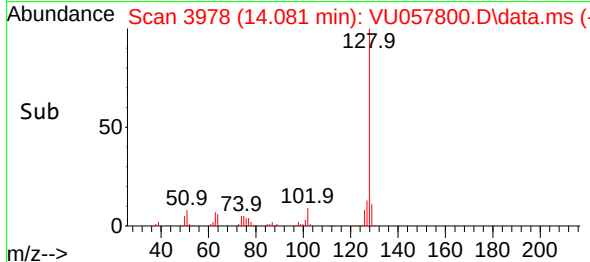
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



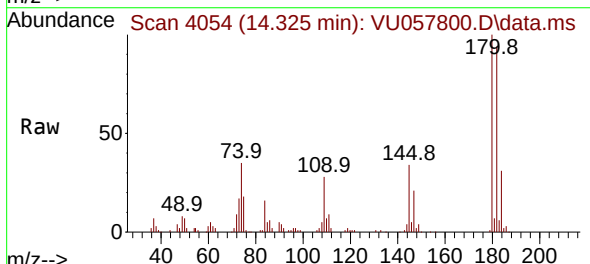
Tgt Ion:128 Resp: 208674
Ion Ratio Lower Upper
128 100
127 12.9 10.9 16.3
129 10.8 8.6 12.8

Manual Integrations
APPROVED

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



#90
1,2,3-Trichlorobenzene
Concen: 10.738 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU057800.D
Acq: 02 Feb 2024 18:30



Tgt Ion:180 Resp: 112322
Ion Ratio Lower Upper
180 100
182 95.2 75.7 113.5
145 34.1 26.1 39.1

