

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020224\
 Data File : VU057787.D
 Acq On : 02 Feb 2024 11:14
 Operator : MD/SY
 Sample : VU0202WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0202WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Feb 03 05:52:51 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	42212	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	15437	0.966	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	13096	0.910	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	27145	1.931	ug/l	97
3) Chloromethane	1.518	50	26153	1.939	ug/l	96
4) Vinyl Chloride	1.602	62	27400	1.992	ug/l	99
5) Bromomethane	1.856	94	16804	2.059	ug/l	98
6) Chloroethane	1.933	64	16816	1.936	ug/l	99
7) Trichlorofluoromethane	2.133	101	40252	1.911	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	20522	1.895	ug/l	97
9) 1,1-Dichloroethene	2.576	96	20505	1.955	ug/l	96
10) Iodomethane	2.718	142	23740	1.908	ug/l	93
11) Allyl Chloride	2.917	41	28630	2.012	ug/l	89
12) Acrylonitrile	3.335	53	7142	3.989	ug/l	95
13) Acetone	2.653	43	37723	11.642	ug/l	89
14) Carbon Disulfide	2.788	76	65017	1.936	ug/l	98
15) Methylene Chloride	3.042	84	23941	1.911	ug/l	96
16) trans-1,2-Dichloroethene	3.348	96	22918	2.001	ug/l	96
17) 1,1-Dichloroethane	3.862	63	44010	2.035	ug/l	99
18) 2-Butanone	4.721	43	37852	10.838	ug/l	96
19) Cyclohexane	5.383	56	33155	1.957	ug/l	88
20) Methylcyclohexane	6.756	83	40337	1.970	ug/l	95
21) 2,2-Dichloropropane	4.657	77	37981	1.978	ug/l	99
22) cis-1,2-Dichloroethene	4.663	96	23924	1.907	ug/l	93
23) Diethyl Ether	2.370	59	15122	1.997	ug/l	97
24) tert-Butyl Alcohol	3.255	59	18336m	21.304	ug/l	
25) Methyl tert-Butyl Ether	3.358	73	48297	1.962	ug/l	97
26) Bromochloromethane	4.972	128	9697	1.924	ug/l	98
27) Chloroform	5.081	83	45266	2.014	ug/l	98
28) 1,1,1-Trichloroethane	5.309	97	39603	1.951	ug/l	99
29) 1,1-Dichloropropene	5.521	75	32782	1.996	ug/l	97
30) Carbon Tetrachloride	5.518	117	33095	1.892	ug/l	99
31) Isopropyl Ether	3.985	45	63591	2.010	ug/l	93
32) Ethyl-t-butyl ether	4.493	59	59353	2.020	ug/l	98
33) Tert-Amyl methyl ether	5.933	73	46921	1.897	ug/l	98
34) Propionitrile	4.811	54	7150m	9.878	ug/l	
35) Benzene	5.769	78	92839	1.963	ug/l	99
36) 1,2-Dichloroethane	5.792	62	26768	1.943	ug/l	98
37) Trichloroethene	6.538	130	24367	1.940	ug/l	100
38) 1,2-Dichloropropane	6.785	63	24830	2.025	ug/l	99
39) Methacrylonitrile	4.978	41	5555	1.925	ug/l #	67
40) Methyl acrylate	4.859	55	9943m	2.248	ug/l	
41) Tetrahydrofuran	5.071	42	6213	4.034	ug/l	91
42) 1-Chlorobutane	5.454	56	41814	1.931	ug/l	92
43) Dibromomethane	6.914	93	10832	1.921	ug/l	96
44) Bromodichloromethane	7.097	83	30484	1.931	ug/l	97

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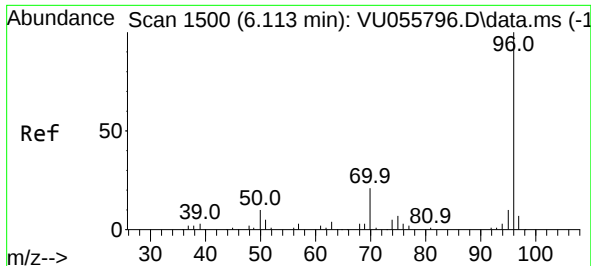
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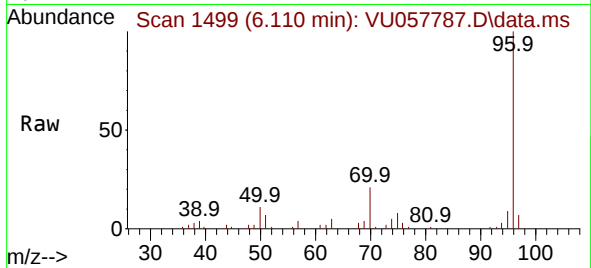
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	58754	9.778	ug/l	98
46) t-1,4-Dichloro-2-butene	10.833	75	6606m	4.649	ug/l	
47) Methyl methacrylate	6.959	69	19103	3.835	ug/l #	89
48) Ethyl methacrylate	8.332	69	18825	1.886	ug/l	95
49) Toluene	7.965	92	56277	1.948	ug/l	95
50) t-1,3-Dichloropropene	8.206	75	26181	1.921	ug/l	96
51) cis-1,3-Dichloropropene	7.602	75	33422	1.936	ug/l	95
52) 1,1,2-Trichloroethane	8.396	97	15349	1.976	ug/l	96
53) 1,3-Dichloropropane	8.570	76	27398	1.962	ug/l	99
54) 2-Hexanone	8.685	43	54748	9.897	ug/l	96
55) Dibromochloromethane	8.804	129	18046	1.877	ug/l	99
56) 1,2-Dibromoethane	8.920	107	14048	1.965	ug/l	97
58) Tetrachloroethene	8.547	164	22055	1.991	ug/l	97
59) Chlorobenzene	9.444	112	61782	1.935	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.528	131	20669	1.906	ug/l	99
61) Pentachloroethane	11.422	117	14289	1.813	ug/l	89
62) Hexachloroethane	12.470	117	14809	1.855	ug/l	95
63) Ethyl Benzene	9.566	91	108114	1.904	ug/l	99
64) m/p-Xylenes	9.689	106	79404	3.849	ug/l	96
65) o-Xylene	10.097	106	38421	1.882	ug/l	91
66) Styrene	10.110	104	56720	1.861	ug/l	97
67) Bromoform	10.287	173	9578	1.935	ug/l	96
69) Isopropylbenzene	10.479	105	101565	1.897	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	18429	1.893	ug/l	97
71) 1,2,3-Trichloropropane	10.820	75	12724m	1.583	ug/l	
72) Bromobenzene	10.779	156	22466	1.907	ug/l	83
73) n-propylbenzene	10.901	120	24316	1.808	ug/l	98
74) 2-Chlorotoluene	10.981	126	23605	1.892	ug/l	94
75) 1,3,5-Trimethylbenzene	11.081	105	88432	1.923	ug/l	98
76) 4-Chlorotoluene	11.094	126	23205	1.850	ug/l	94
77) tert-Butylbenzene	11.415	119	78558	1.821	ug/l	99
78) 1,2,4-Trimethylbenzene	11.463	105	87611	1.879	ug/l	99
79) sec-Butylbenzene	11.637	105	103488	1.877	ug/l	100
80) Nitrobenzene	13.219	77	2059	10.884	ug/l #	84
81) p-Isopropyltoluene	11.788	119	88630	1.906	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	44999	1.890	ug/l	97
83) 1,4-Dichlorobenzene	11.833	146	43133	1.855	ug/l	96
84) n-Butylbenzene	12.203	91	87059	1.958	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	41179	1.906	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.994	75	2674	1.992	ug/l	89
87) 1,2,4-Trichlorobenzene	13.836	180	25680	1.989	ug/l	98
88) Hexachlorobutadiene	14.016	225	15768	1.903	ug/l	99
89) Naphthalene	14.087	128	38377	1.925	ug/l	98
90) 1,2,3-Trichlorobenzene	14.325	180	20803	1.937	ug/l	99

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.003 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

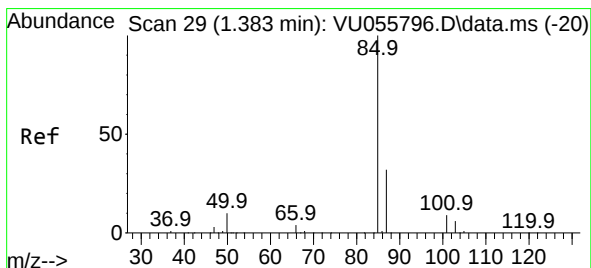
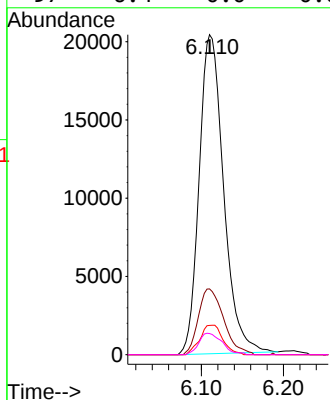
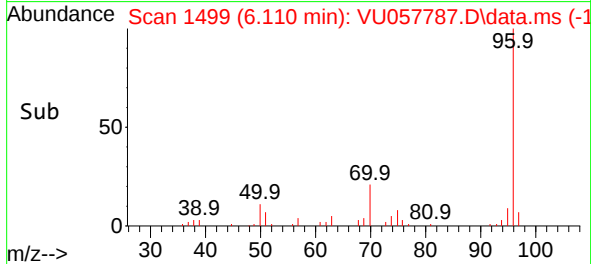
Instrument :
MSVOA_U
ClientSampleId :
VU0202WBSD01



Tgt Ion:	96	Resp:	4221
Ion Ratio	Lower	Upper	
96	100		
70	21.3	16.5	24.7
95	8.7	7.4	11.0
97	6.4	0.0	0.0

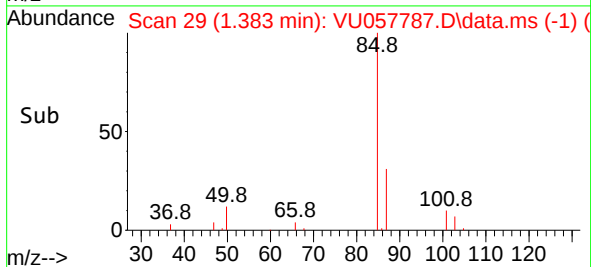
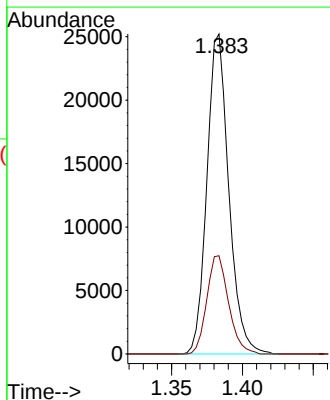
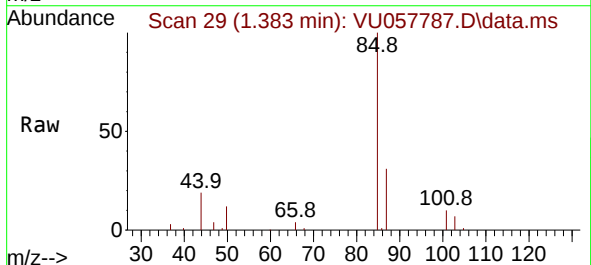
Manual Integrations
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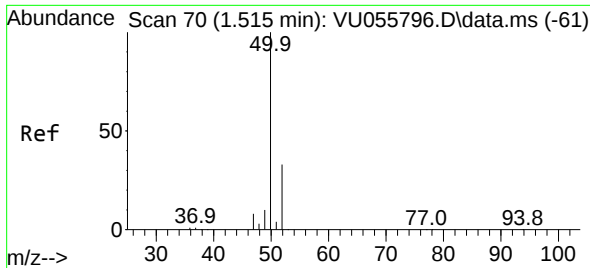
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#2
Dichlorodifluoromethane
Concen: 1.931 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

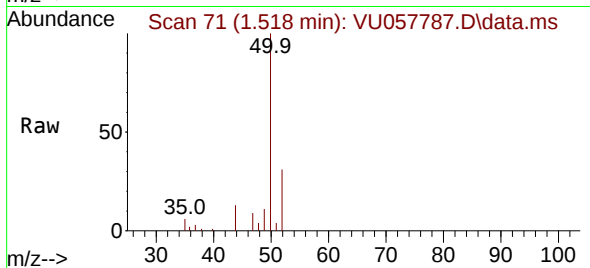
Tgt Ion:	85	Resp:	27145
Ion Ratio	Lower	Upper	
85	100		
87	30.7	16.2	48.6





#3
Chloromethane
Concen: 1.939 ug/l
RT: 1.518 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

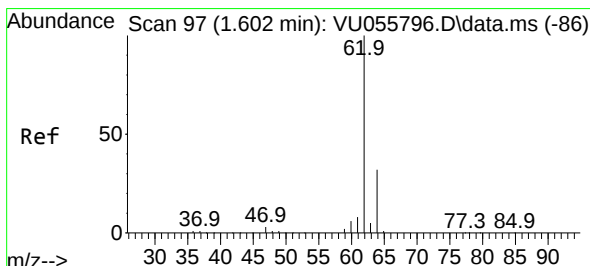
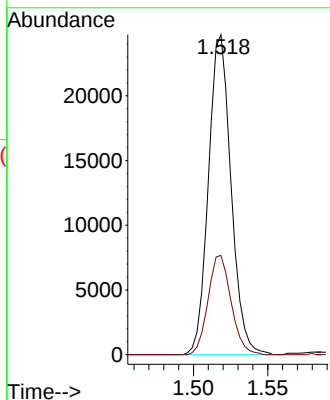
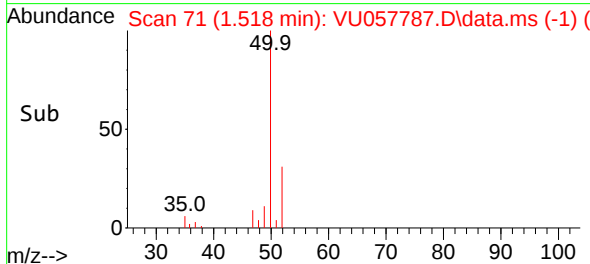
Instrument :
MSVOA_U
ClientSampleId :
VU0202WBSD01



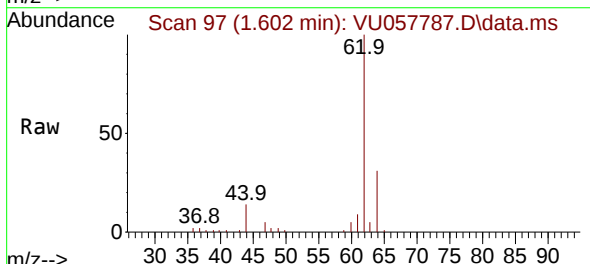
Tgt Ion: 50 Resp: 2615
Ion Ratio Lower Upper
50 100
52 31.0 26.6 40.0

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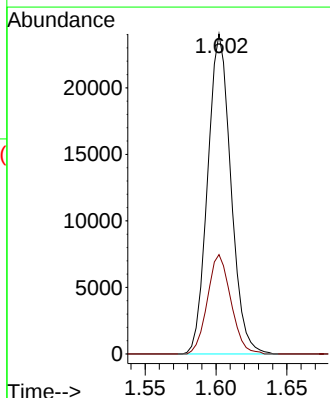
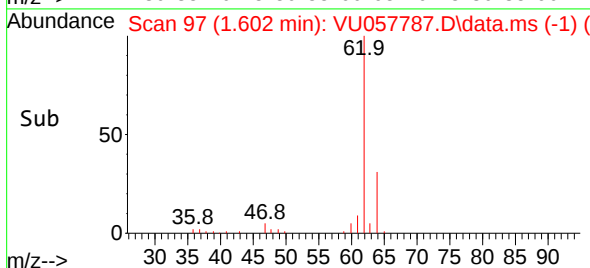
Reviewed By :John Carlone 02/14/2024
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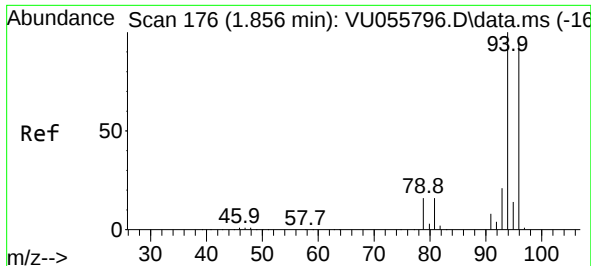


#4
Vinyl Chloride
Concen: 1.992 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14



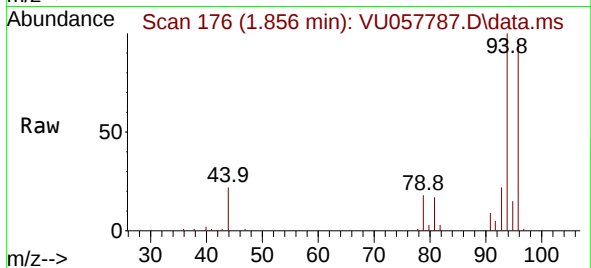
Tgt Ion: 62 Resp: 27400
Ion Ratio Lower Upper
62 100
64 31.1 25.4 38.2





#5
Bromomethane
Concen: 2.059 ug/l
RT: 1.856 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

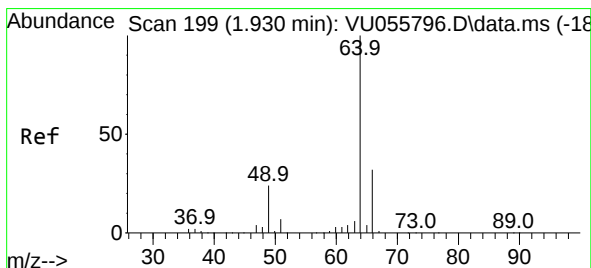
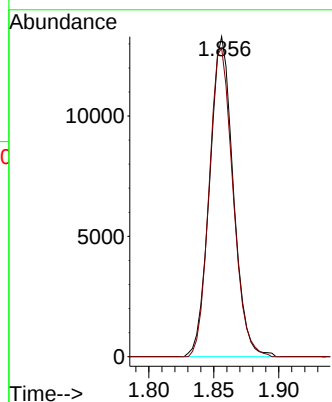
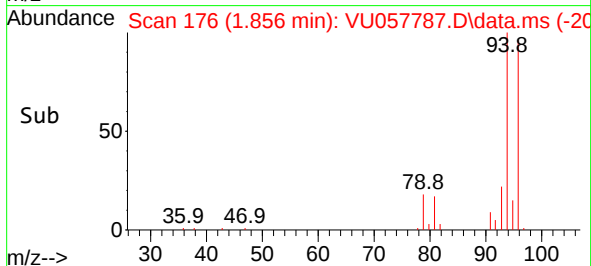
Instrument :
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ClientSampleId :
VU0202WBSD01



Tgt Ion: 94 Resp: 16804
Ion Ratio Lower Upper
94 100
96 96.4 75.4 113.2

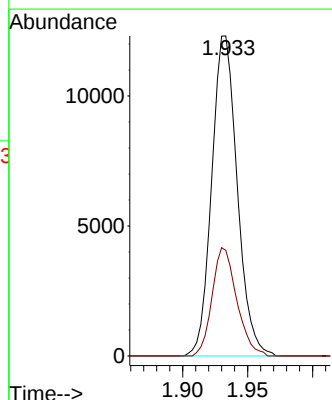
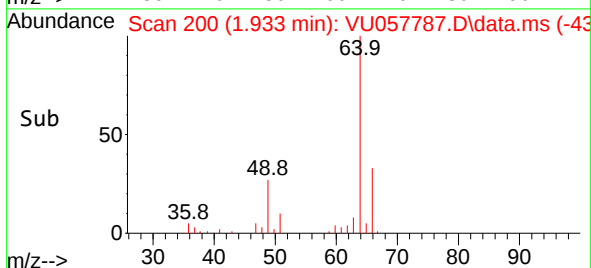
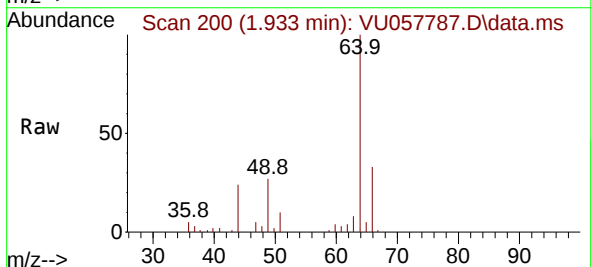
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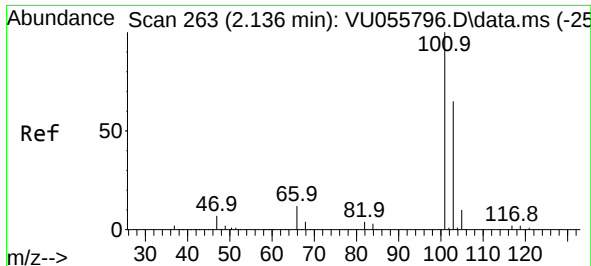
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#6
Chloroethane
Concen: 1.936 ug/l
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

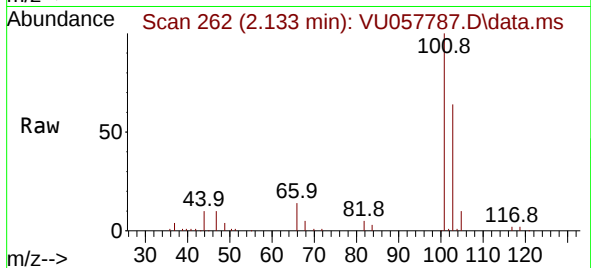
Tgt Ion: 64 Resp: 16816
Ion Ratio Lower Upper
64 100
66 33.0 26.0 39.0





#7
Trichlorofluoromethane
Concen: 1.911 ug/l
RT: 2.133 min Scan# 205
Delta R.T. -0.003 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

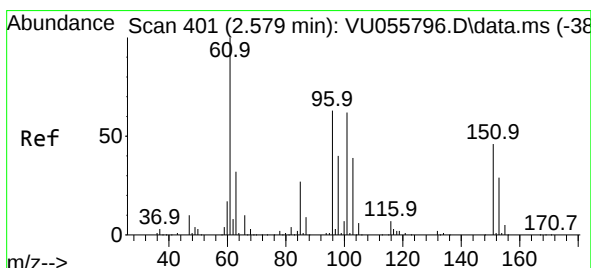
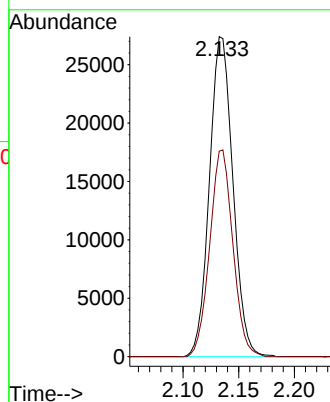
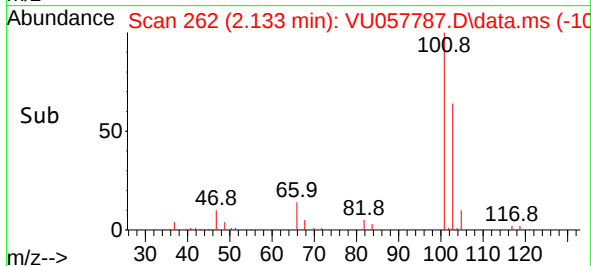
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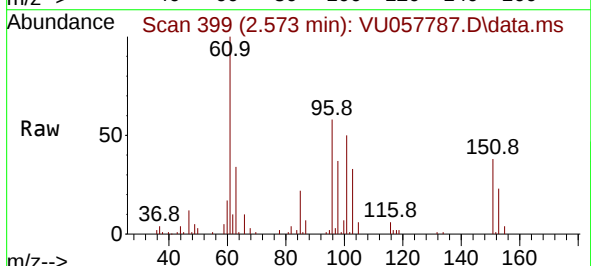
Tgt Ion:101 Resp: 40252
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.0

Manual Integrations
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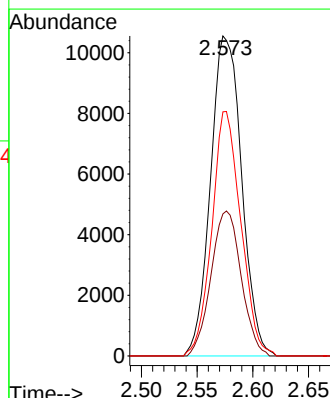
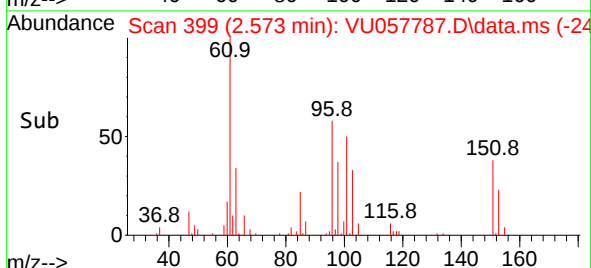
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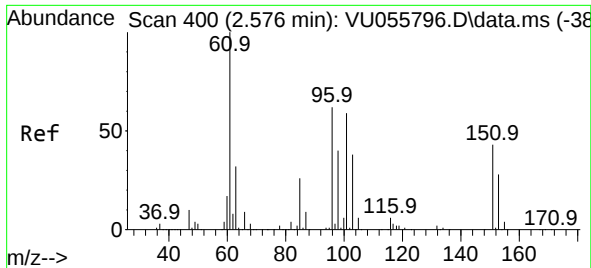


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.895 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.006 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14



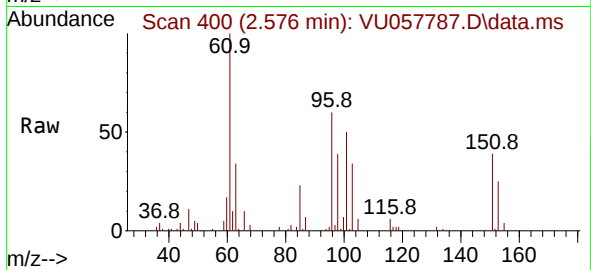
Tgt Ion:101 Resp: 20522
Ion Ratio Lower Upper
101 100
85 43.9 35.4 53.0
151 71.0 54.0 81.0





#9
1,1-Dichloroethene
Concen: 1.955 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

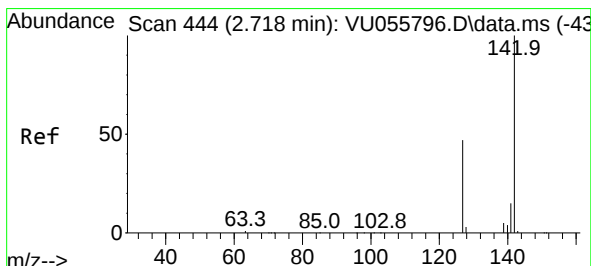
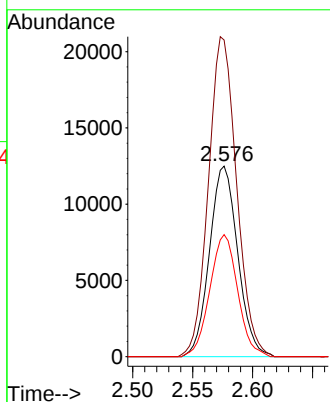
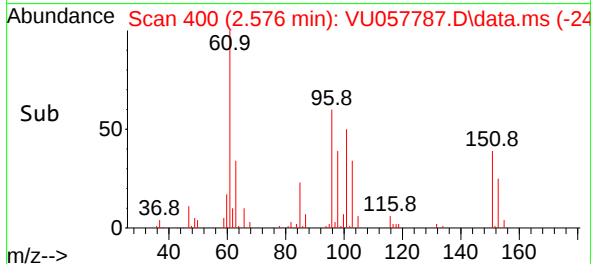
Instrument :
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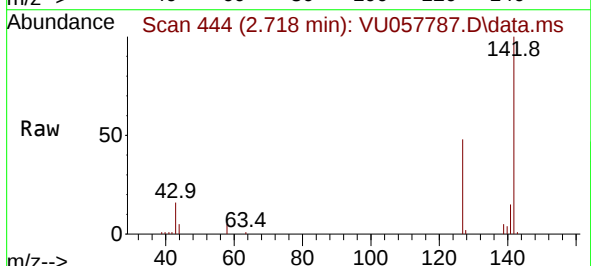
Tgt Ion: 96 Resp: 2050
Ion Ratio Lower Upper
96 100
61 166.1 0.0 521.4
98 64.0 0.0 125.8

Manual Integrations
APPROVED

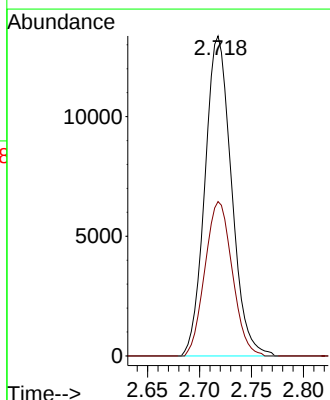
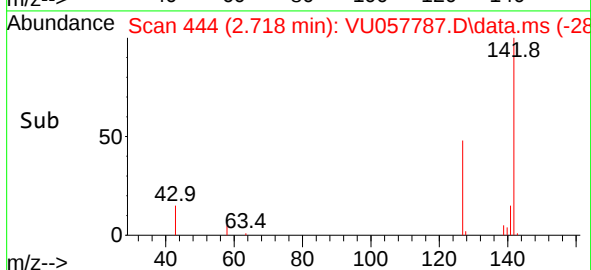
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

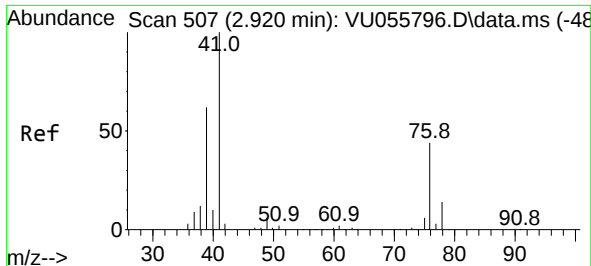


#10
Iodomethane
Concen: 1.908 ug/l
RT: 2.718 min Scan# 444
Delta R.T. -0.000 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14



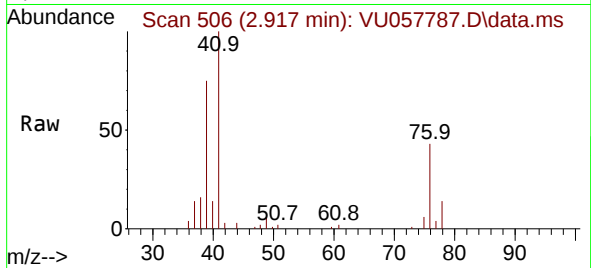
Tgt Ion:142 Resp: 23740
Ion Ratio Lower Upper
142 100
127 49.7 35.9 53.9





#11
 Allyl Chloride
 Concen: 2.012 ug/l
 RT: 2.917 min Scan# 507
 Delta R.T. -0.003 min
 Lab File: VU057787.D
 Acq: 02 Feb 2024 11:14

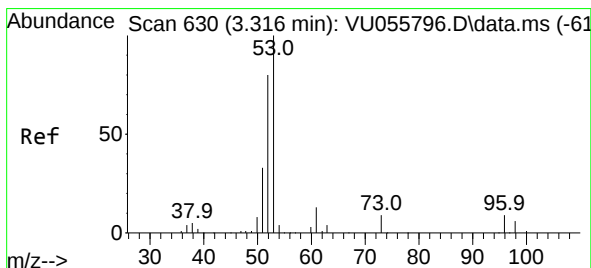
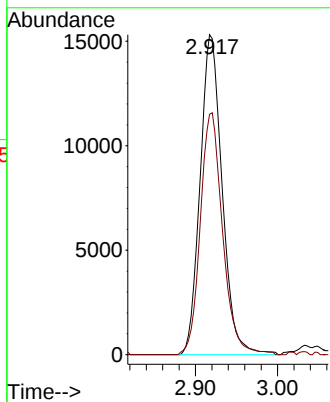
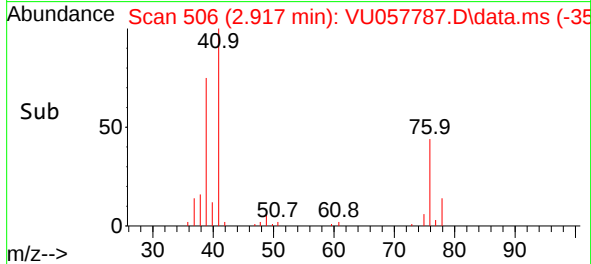
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0202WBSD01



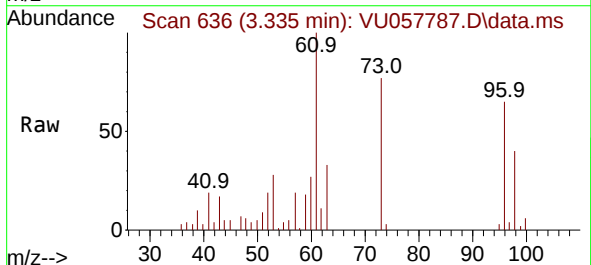
Tgt Ion: 41 Resp: 28630
 Ion Ratio Lower Upper
 41 100
 39 76.6 54.2 81.2

Manual Integrations
 APPROVED

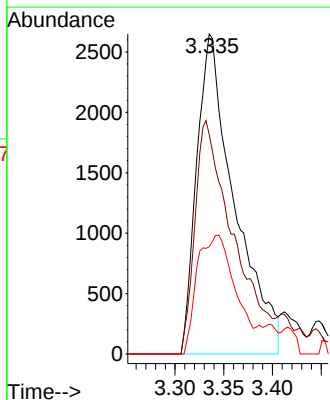
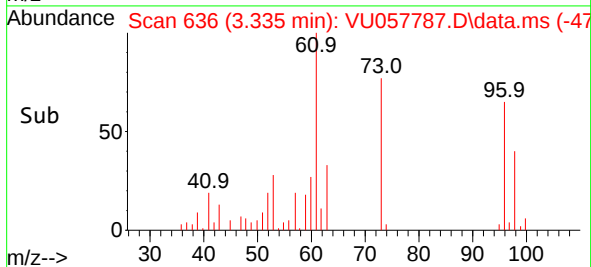
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024

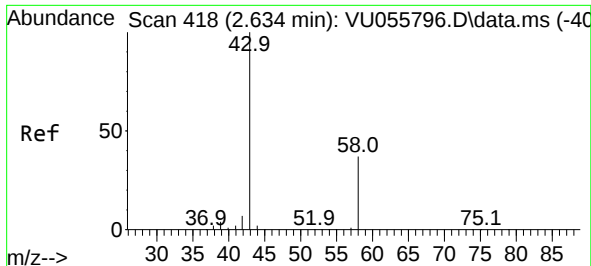


#12
 Acrylonitrile
 Concen: 3.989 ug/l
 RT: 3.335 min Scan# 636
 Delta R.T. 0.019 min
 Lab File: VU057787.D
 Acq: 02 Feb 2024 11:14



Tgt Ion: 53 Resp: 7142
 Ion Ratio Lower Upper
 53 100
 52 74.6 62.9 94.3
 51 37.9 27.8 41.6





#13

Acetone

Concen: 11.642 ug/l

RT: 2.653 min Scan# 41

Delta R.T. 0.019 min

Lab File: VU057787.D

Acq: 02 Feb 2024 11:14

Instrument :

MSVOA_U

ClientSampleId :

VU0202WBSD01

Tgt Ion: 43 Resp: 3772

Ion Ratio Lower Upper

43 100

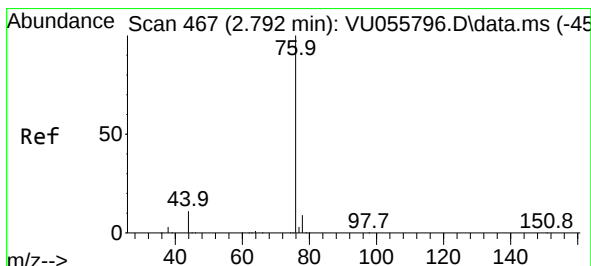
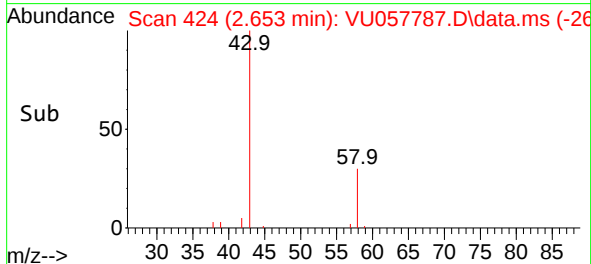
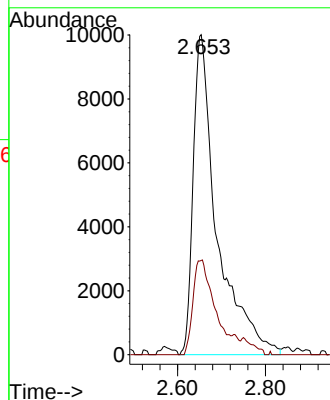
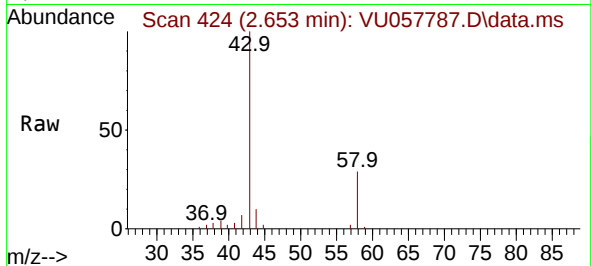
58 29.5 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#14

Carbon Disulfide

Concen: 1.936 ug/l

RT: 2.788 min Scan# 466

Delta R.T. -0.004 min

Lab File: VU057787.D

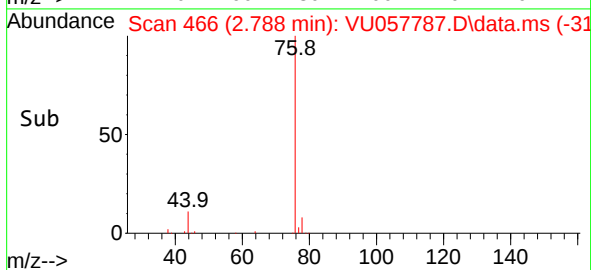
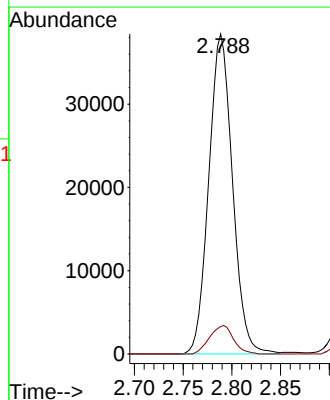
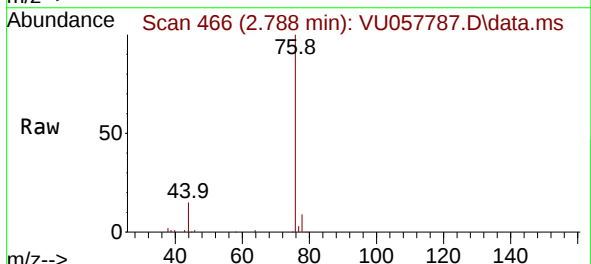
Acq: 02 Feb 2024 11:14

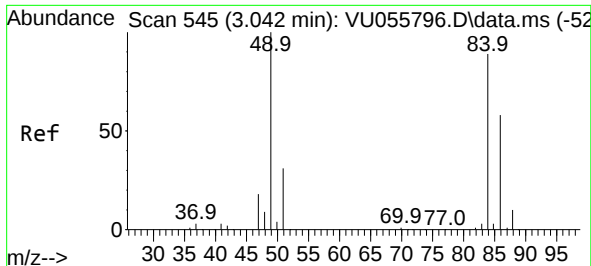
Tgt Ion: 76 Resp: 65017

Ion Ratio Lower Upper

76 100

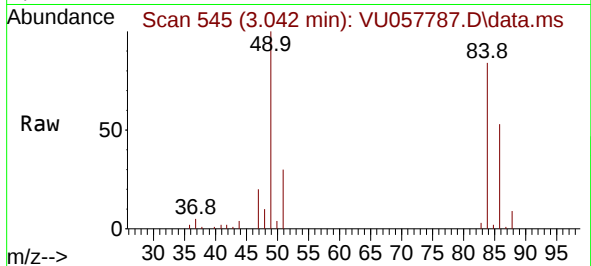
78 8.5 7.4 11.0





#15
Methylene Chloride
Concen: 1.911 ug/l
RT: 3.042 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

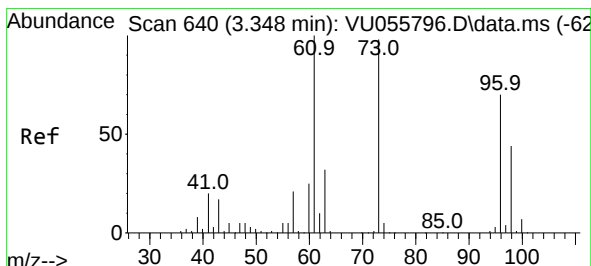
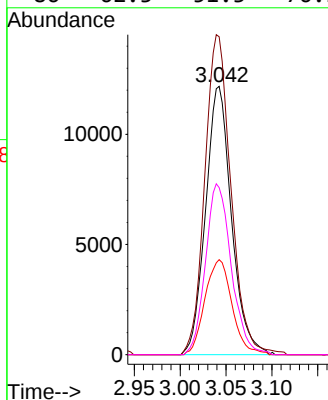
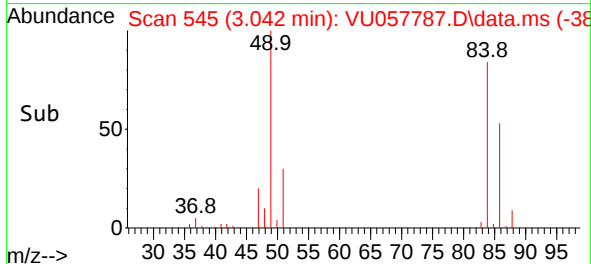
Instrument :
MSVOA_U
ClientSampleId :
VU0202WBSD01



Tgt Ion:	84	Resp:	2394
Ion	Ratio	Lower	Upper
84	100		
49	118.5	98.9	148.3
51	35.5	0.0	75.4
86	62.3	51.3	76.9

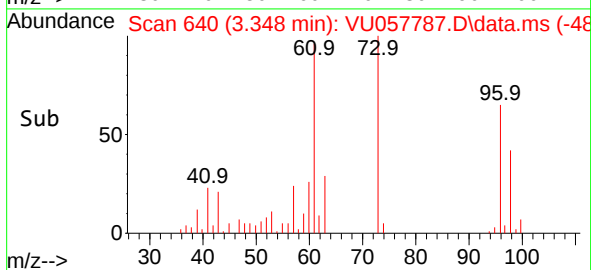
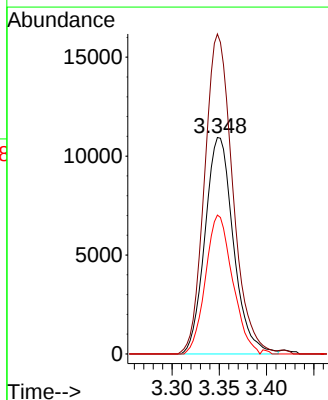
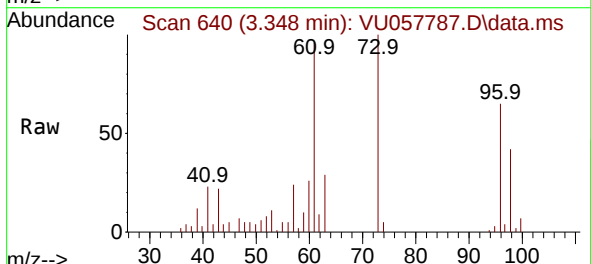
Manual Integrations
APPROVED

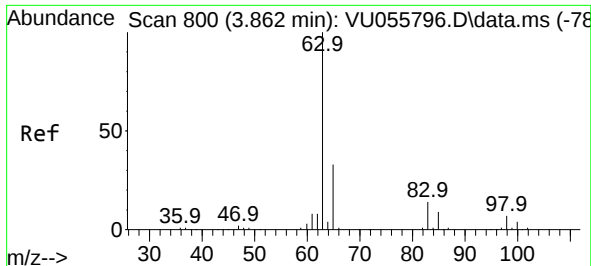
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#16
trans-1,2-Dichloroethene
Concen: 2.001 ug/l
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

Tgt Ion:	96	Resp:	22918
Ion	Ratio	Lower	Upper
96	100		
61	140.0	117.5	176.3
98	60.7	48.3	72.5





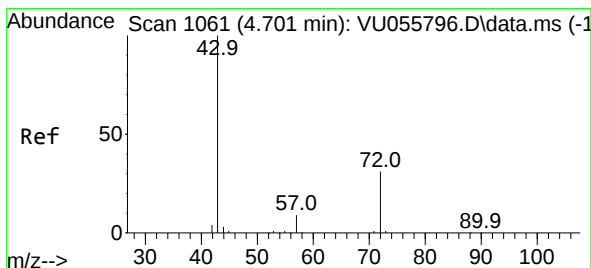
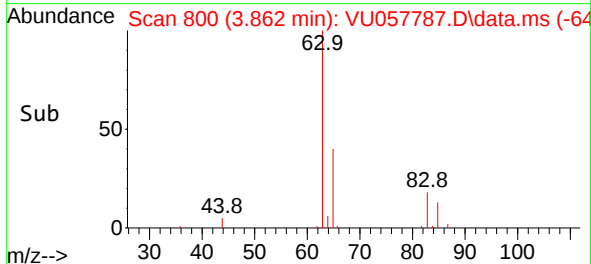
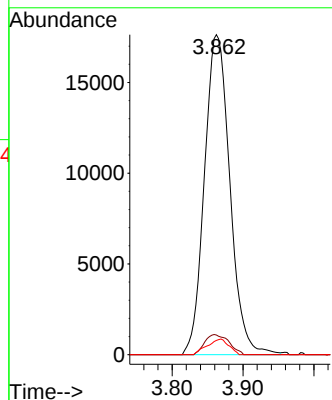
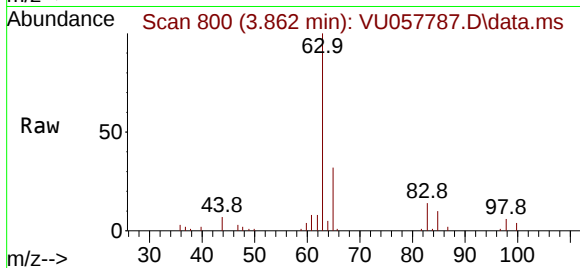
#17
1,1-Dichloroethane
Concen: 2.035 ug/l
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

Instrument :
MSVOA_U
ClientSampleId :
VU0202WBSD01

Tgt Ion: 63 Resp: 44010
Ion Ratio Lower Upper
63 100
98 6.1 3.4 10.1
100 4.4 2.2 6.6

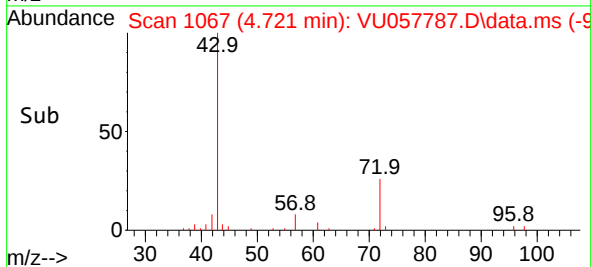
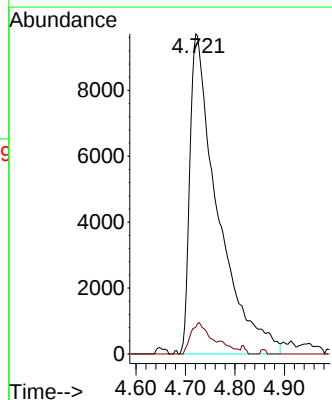
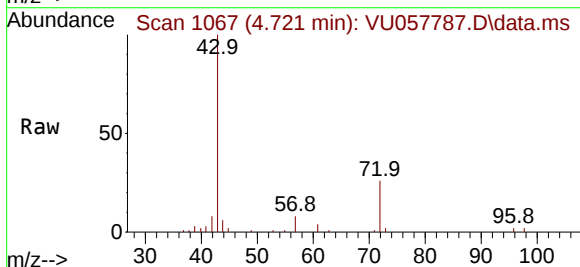
Manual Integrations
APPROVED

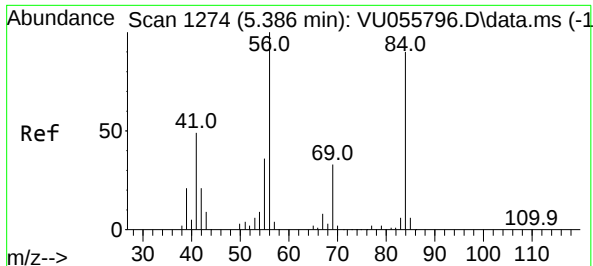
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#18
2-Butanone
Concen: 10.838 ug/l
RT: 4.721 min Scan# 1067
Delta R.T. 0.020 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

Tgt Ion: 43 Resp: 37852
Ion Ratio Lower Upper
43 100
57 8.4 0.0 19.6





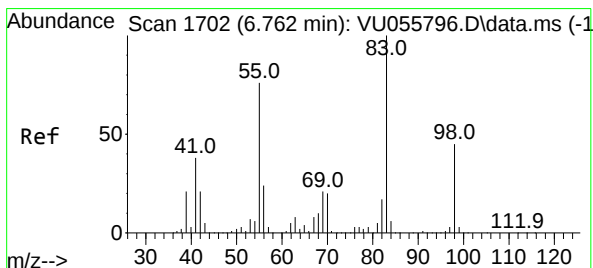
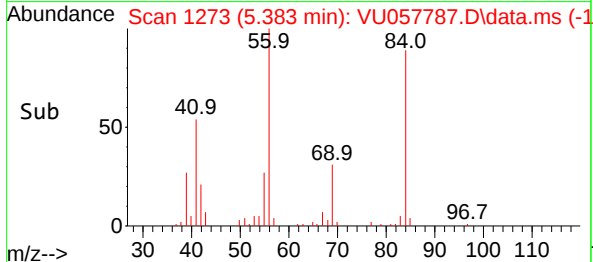
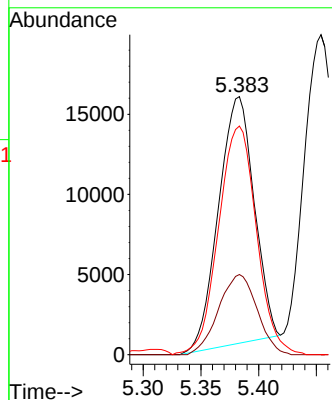
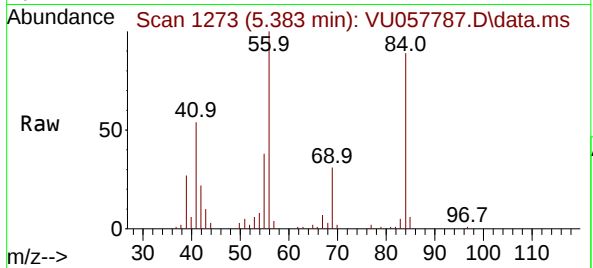
#19
Cyclohexane
Concen: 1.957 ug/l
RT: 5.383 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

Instrument :
MSVOA_U
ClientSampleId :
VU0202WBSD01

Tgt Ion: 56 Resp: 3315
Ion Ratio Lower Upper
56 100
69 34.9 24.6 37.0
84 98.4 68.4 102.6

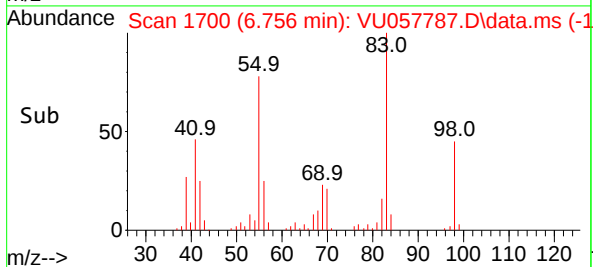
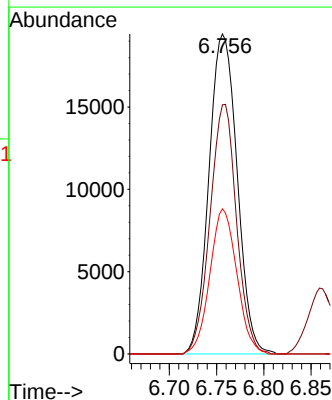
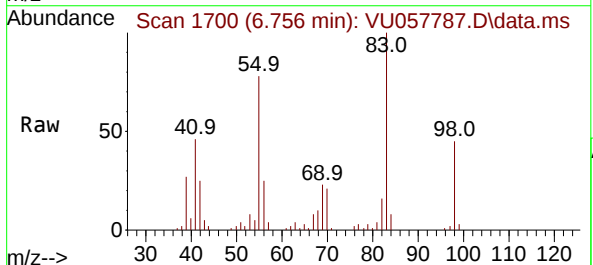
Manual Integrations
APPROVED

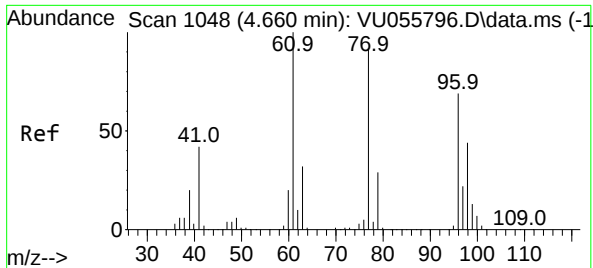
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#20
Methylcyclohexane
Concen: 1.970 ug/l
RT: 6.756 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

Tgt Ion: 83 Resp: 40337
Ion Ratio Lower Upper
83 100
55 73.4 63.5 95.3
98 43.4 36.0 54.0





#21

2,2-Dichloropropane

Concen: 1.978 ug/l

RT: 4.657 min Scan# 1047

Delta R.T. -0.003 min

Lab File: VU057787.D

Acq: 02 Feb 2024 11:14

Instrument :

MSVOA_U

ClientSampleId :

VU0202WBSD01

Tgt Ion: 77 Resp: 3798

Ion Ratio Lower Upper

77 100

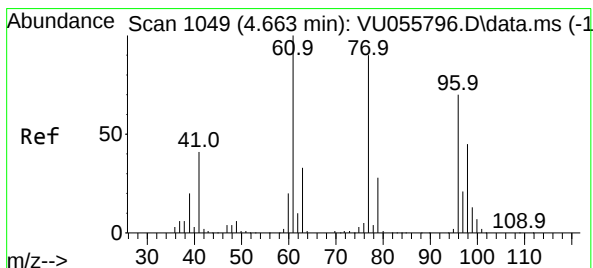
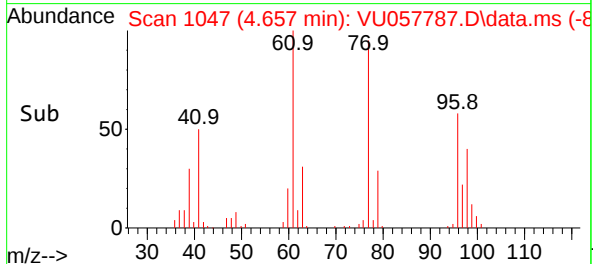
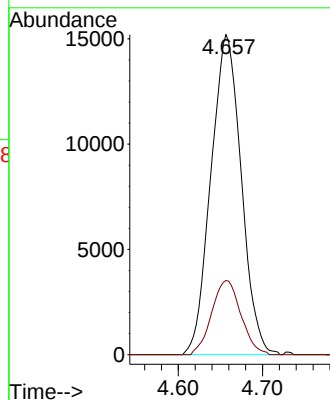
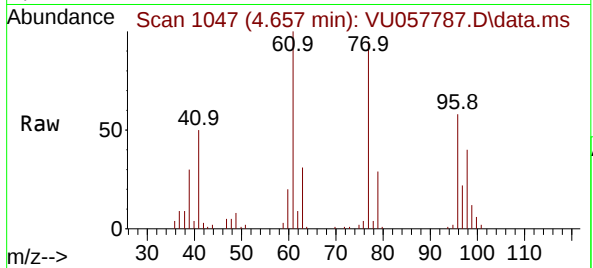
97 22.4 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#22

cis-1,2-Dichloroethene

Concen: 1.907 ug/l

RT: 4.663 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU057787.D

Acq: 02 Feb 2024 11:14

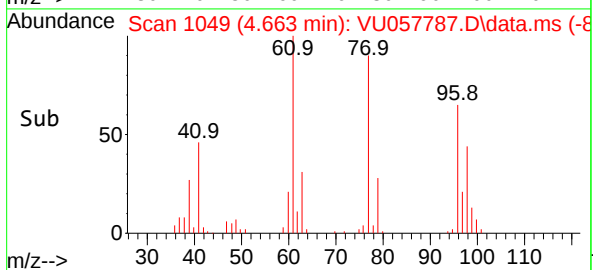
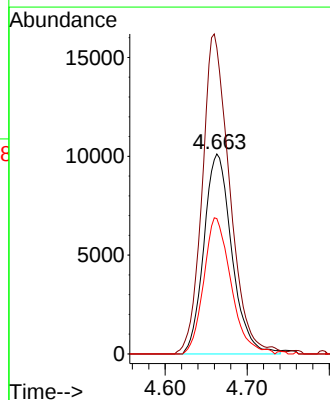
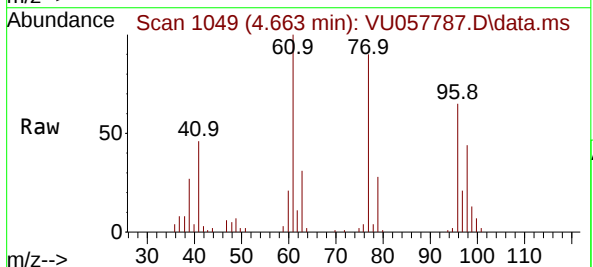
Tgt Ion: 96 Resp: 23924

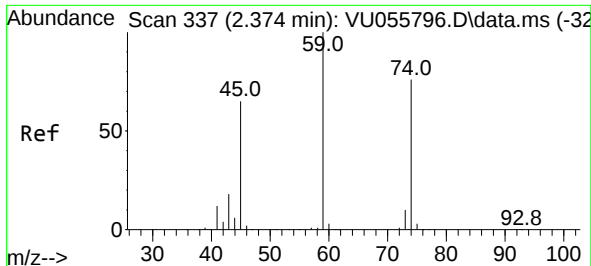
Ion Ratio Lower Upper

96 100

61 156.3 0.0 365.8

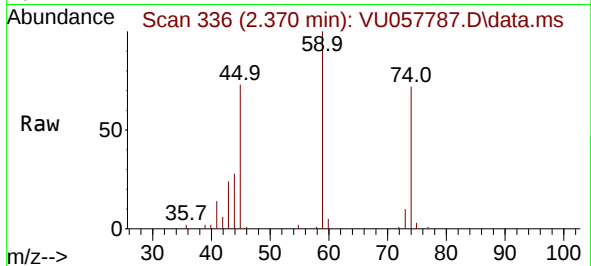
98 66.5 32.0 96.0





#23
Diethyl Ether
Concen: 1.997 ug/l
RT: 2.370 min Scan# 311
Delta R.T. -0.004 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

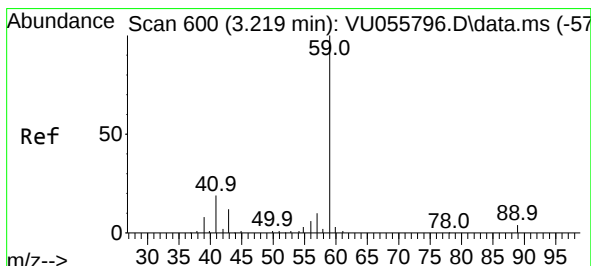
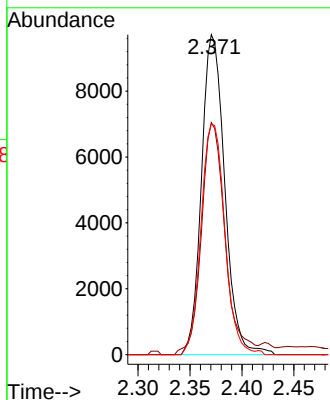
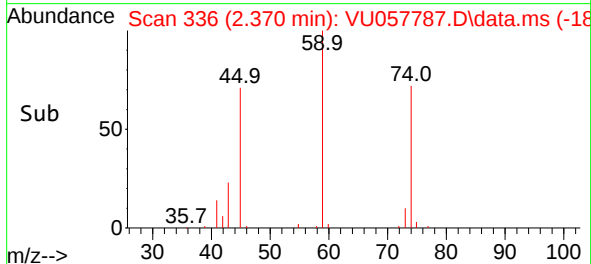
Instrument :
MSVOA_U
ClientSampleId :
VU0202WBSD01



Tgt Ion: 59 Resp: 1512
Ion Ratio Lower Upper
59 100
45 73.6 56.1 84.1
74 73.7 57.4 86.2

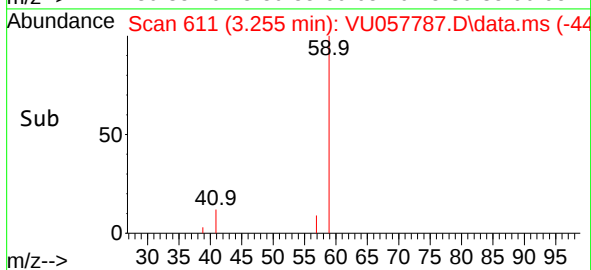
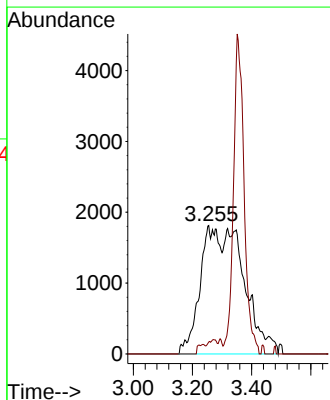
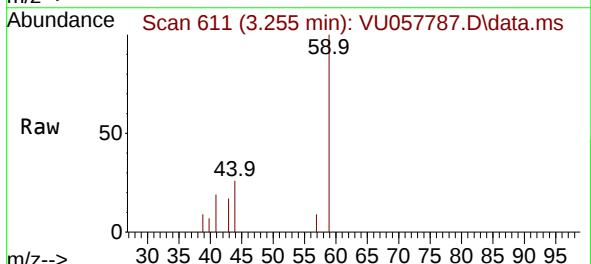
Manual Integrations
APPROVED

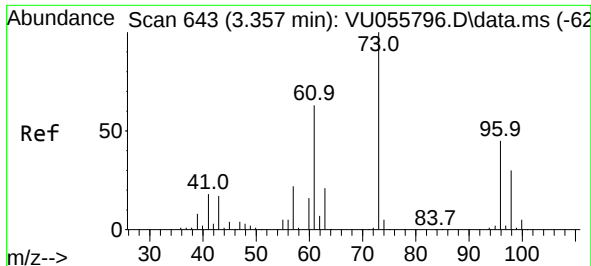
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#24
tert-Butyl Alcohol
Concen: 21.304 ug/l m
RT: 3.255 min Scan# 611
Delta R.T. 0.036 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

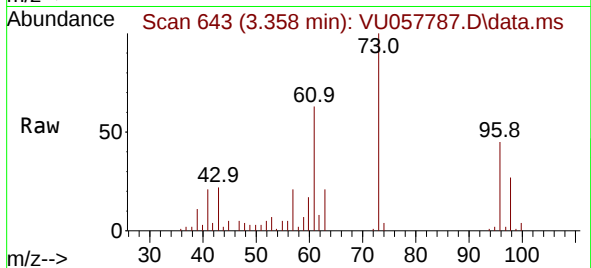
Tgt Ion: 59 Resp: 18336
Ion Ratio Lower Upper
59 100
57 0.0 105.6 158.4#





#25
Methyl tert-Butyl Ether
Concen: 1.962 ug/l
RT: 3.358 min Scan# 643
Delta R.T. 0.001 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

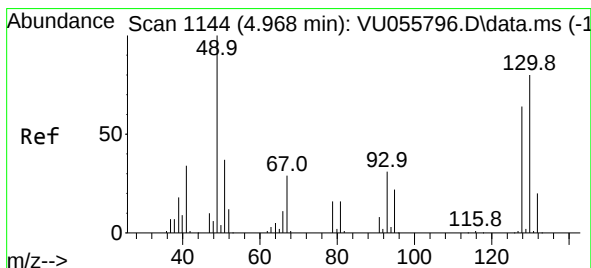
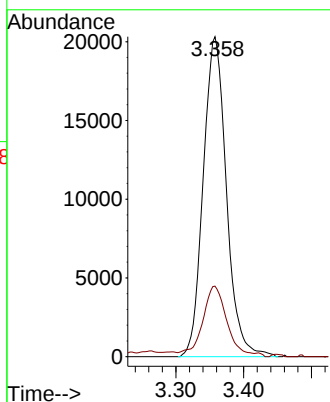
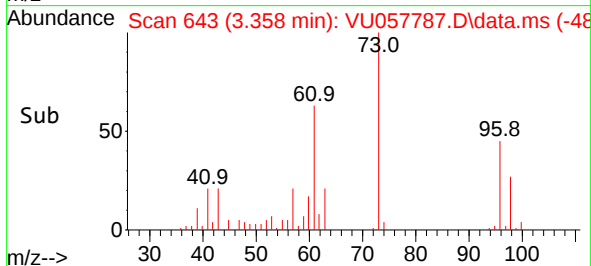
Instrument :
MSVOA_U
ClientSampleId :
VU0202WBSD01



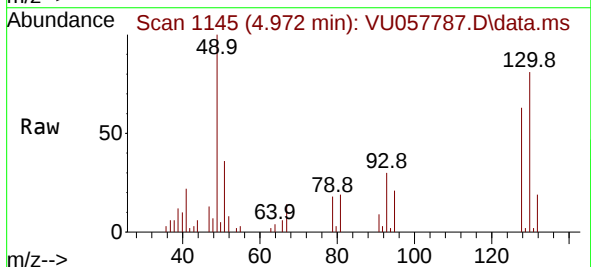
Tgt Ion: 73 Resp: 4829
Ion Ratio Lower Upper
73 100
43 20.2 15.0 22.6

Manual Integrations
APPROVED

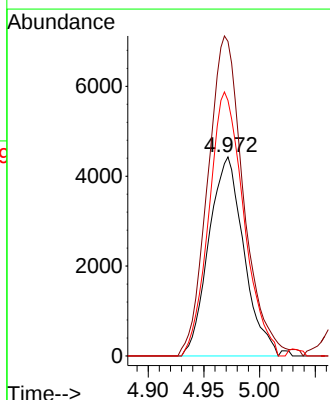
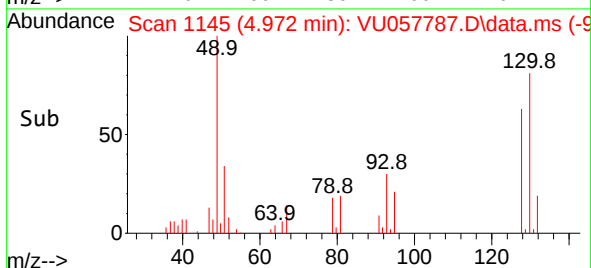
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

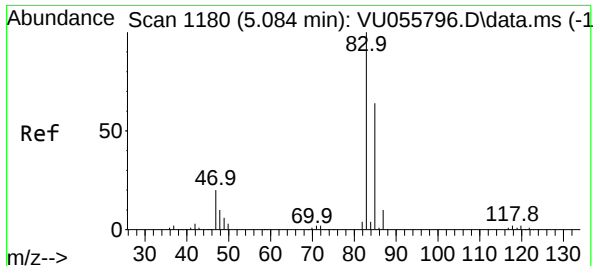


#26
Bromochloromethane
Concen: 1.924 ug/l
RT: 4.972 min Scan# 1145
Delta R.T. 0.004 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14



Tgt Ion:128 Resp: 9697
Ion Ratio Lower Upper
128 100
49 164.3 0.0 324.6
130 131.9 103.0 154.4





#27

Chloroform

Concen: 2.014 ug/l

RT: 5.081 min Scan# 1180

Delta R.T. -0.003 min

Lab File: VU057787.D

Acq: 02 Feb 2024 11:14

Instrument :

MSVOA_U

ClientSampleId :

VU0202WBSD01

Tgt Ion: 83 Resp: 45260

Ion Ratio Lower Upper

83 100

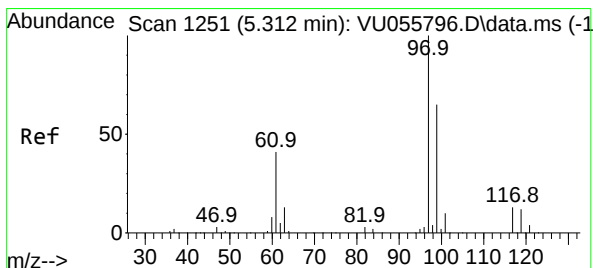
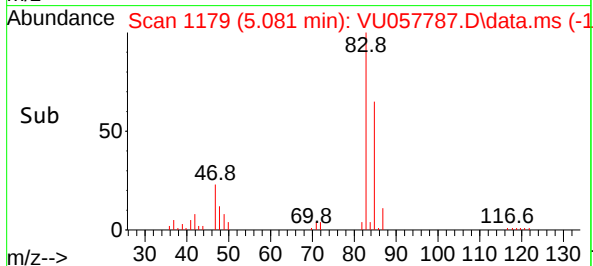
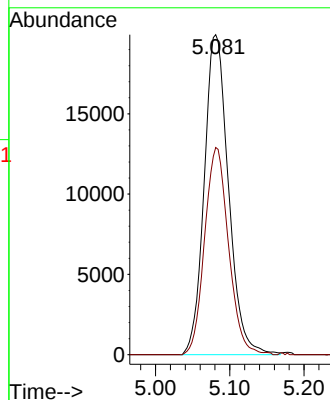
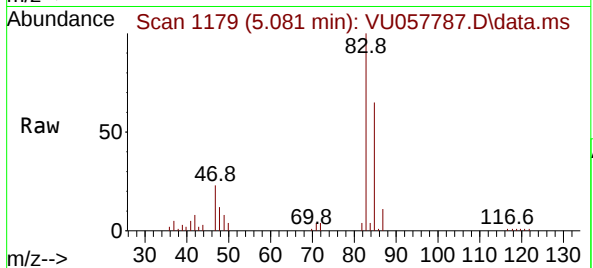
85 64.7 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#28

1,1,1-Trichloroethane

Concen: 1.951 ug/l

RT: 5.309 min Scan# 1250

Delta R.T. -0.003 min

Lab File: VU057787.D

Acq: 02 Feb 2024 11:14

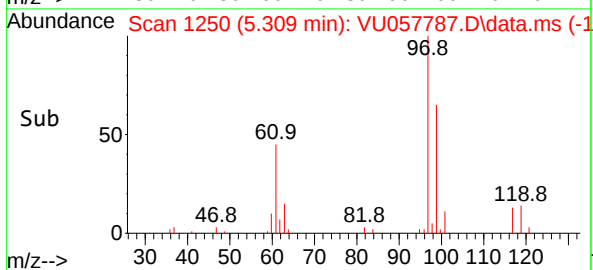
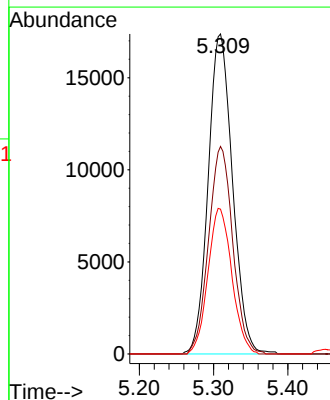
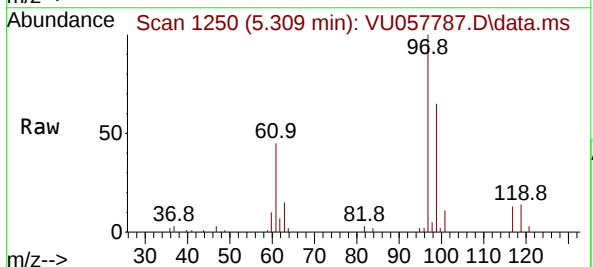
Tgt Ion: 97 Resp: 39603

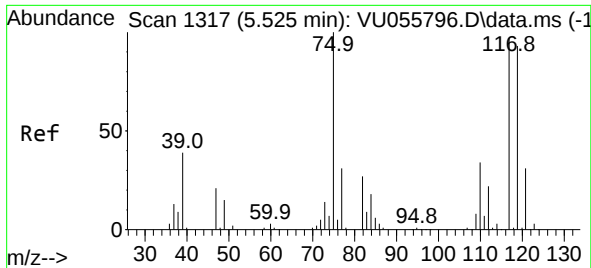
Ion Ratio Lower Upper

97 100

99 64.4 32.0 96.2

61 44.6 22.9 68.5





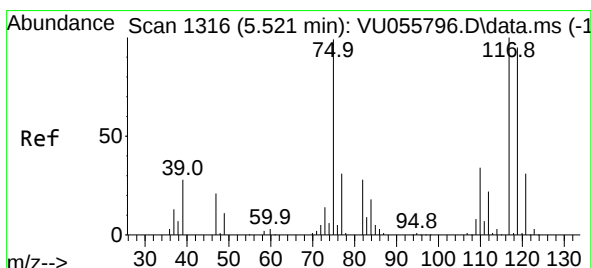
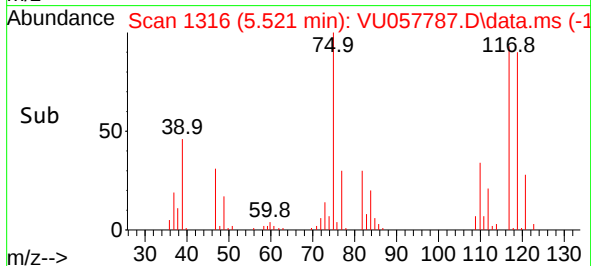
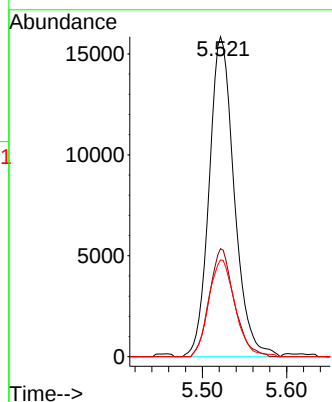
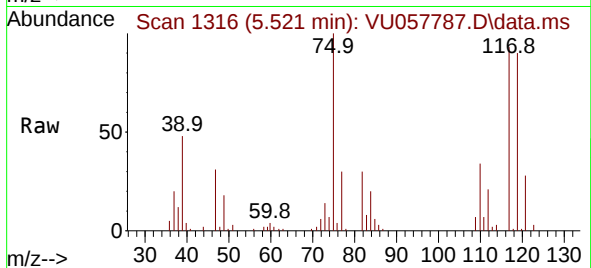
#29
1,1-Dichloropropene
Concen: 1.996 ug/l
RT: 5.521 min Scan# 1316
Delta R.T. -0.004 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

Instrument :
MSVOA_U
ClientSampleId :
VU0202WBSD01

Tgt Ion: 75 Resp: 3278
Ion Ratio Lower Upper
75 100
110 33.5 18.0 54.0
77 32.0 24.7 37.1

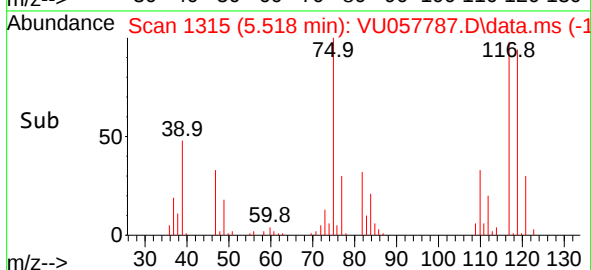
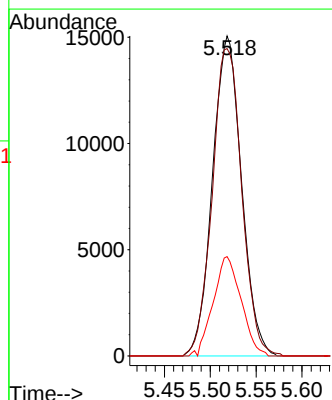
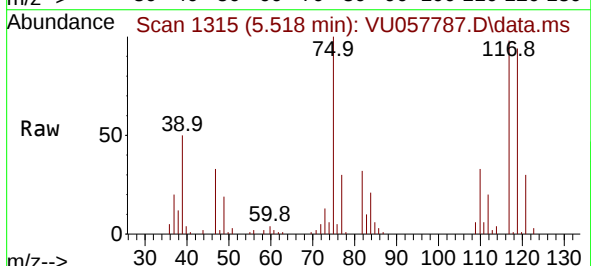
Manual Integrations
APPROVED

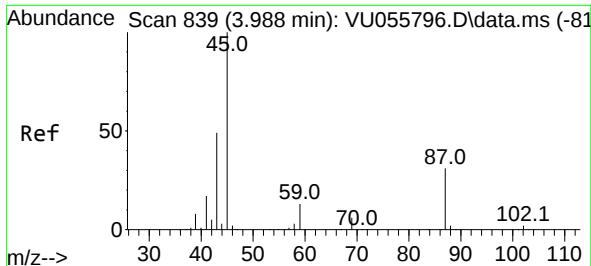
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#30
Carbon Tetrachloride
Concen: 1.892 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

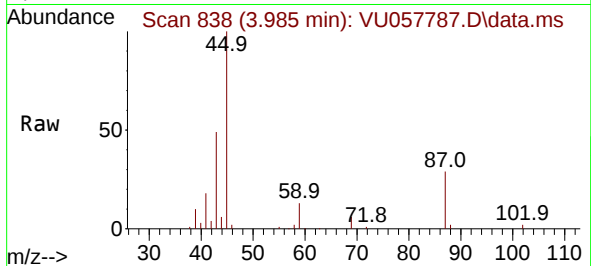
Tgt Ion:117 Resp: 33095
Ion Ratio Lower Upper
117 100
119 96.0 77.4 116.0
121 31.1 24.0 36.0





#31
Isopropyl Ether
Concen: 2.010 ug/l
RT: 3.985 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

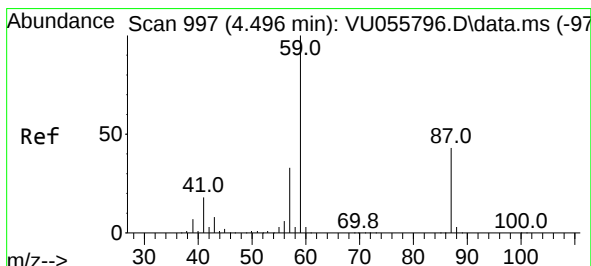
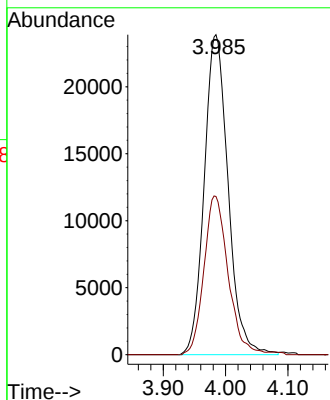
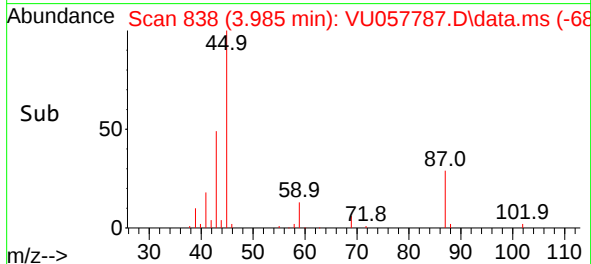
Instrument :
MSVOA_U
ClientSampleId :
VU0202WBSD01



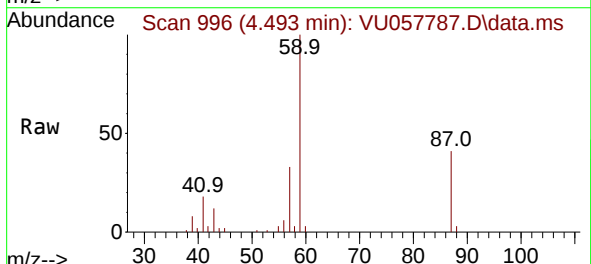
Tgt Ion: 45 Resp: 6359
Ion Ratio Lower Upper
45 100
43 50.1 27.5 82.5

Manual Integrations
APPROVED

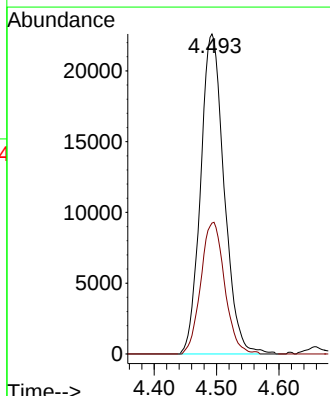
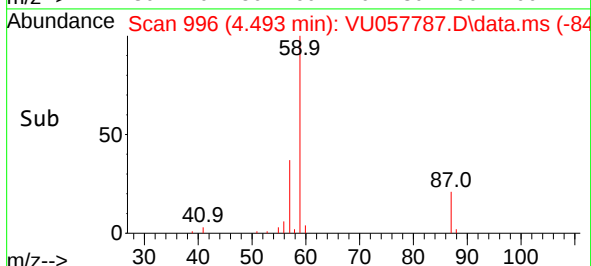
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

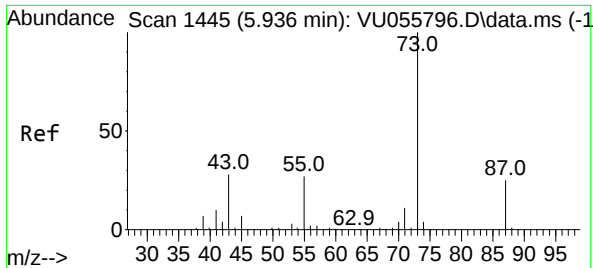


#32
Ethyl-t-butyl ether
Concen: 2.020 ug/l
RT: 4.493 min Scan# 996
Delta R.T. -0.003 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14



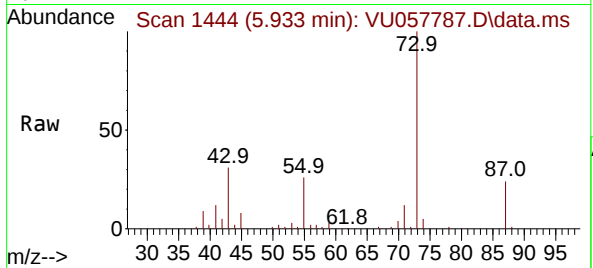
Tgt Ion: 59 Resp: 59353
Ion Ratio Lower Upper
59 100
87 40.7 33.5 50.3





#33
Tert-Amyl methyl ether
Concen: 1.897 ug/l
RT: 5.933 min Scan# 1444
Delta R.T. -0.003 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

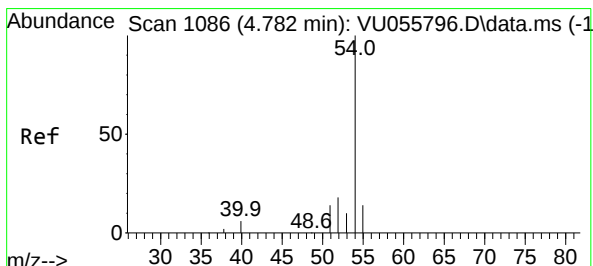
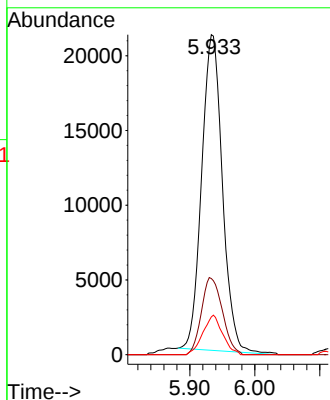
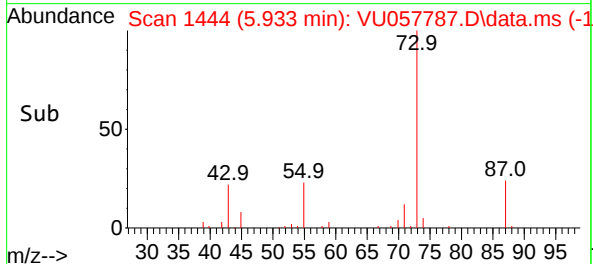
Instrument :
MSVOA_U
ClientSampleId :
VU0202WBSD01



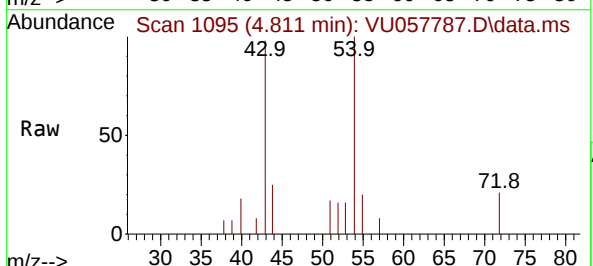
Tgt Ion: 73 Resp: 4692
Ion Ratio Lower Upper
73 100
87 24.6 18.6 28.0
71 11.9 9.9 14.9

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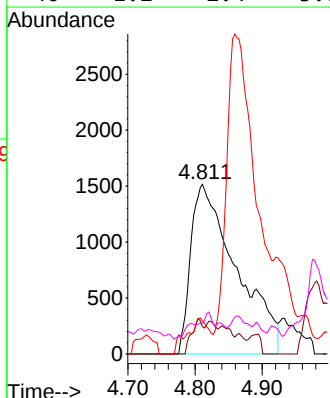
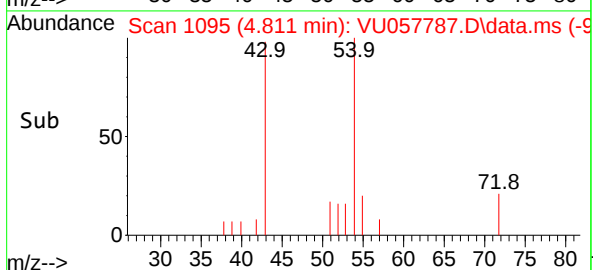
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

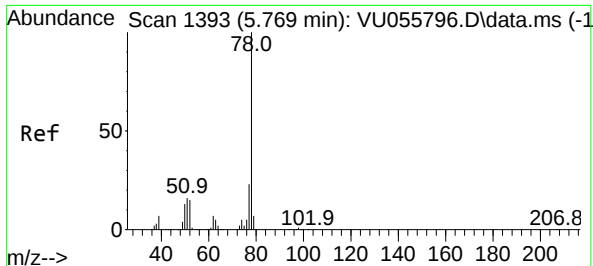


#34
Propionitrile
Concen: 9.878 ug/l m
RT: 4.811 min Scan# 1095
Delta R.T. 0.029 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14



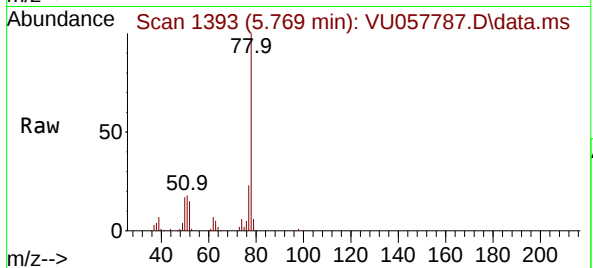
Tgt Ion: 54 Resp: 7150
Ion Ratio Lower Upper
54 100
52 5.4 17.4 26.0#
55 3.5 104.1 156.1#
40 1.2 2.4 3.6#





#35
Benzene
Concen: 1.963 ug/l
RT: 5.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

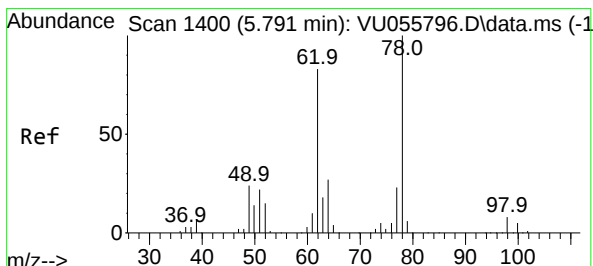
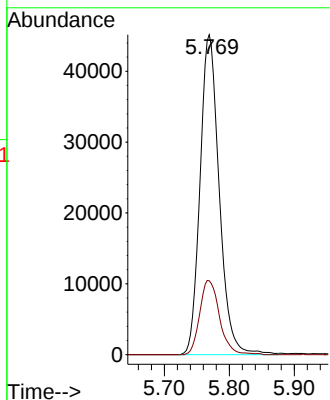
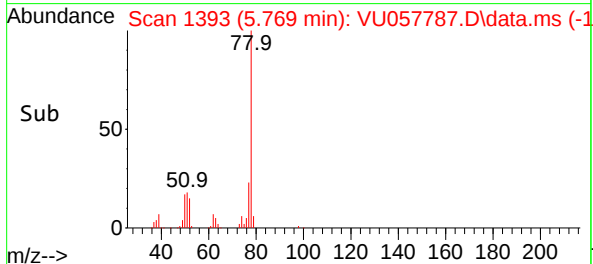
Instrument :
MSVOA_U
ClientSampleId :
VU0202WBSD01



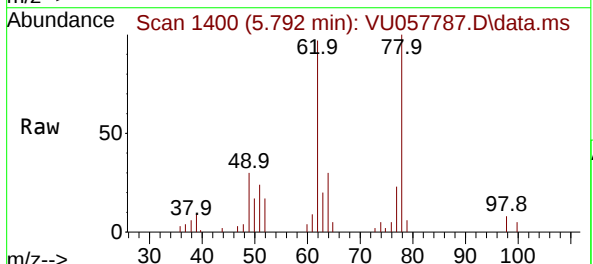
Tgt Ion: 78 Resp: 92839
Ion Ratio Lower Upper
78 100
77 23.1 18.9 28.3

Manual Integrations
APPROVED

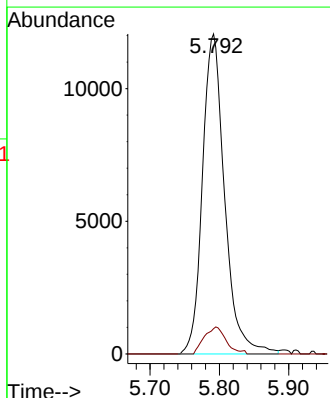
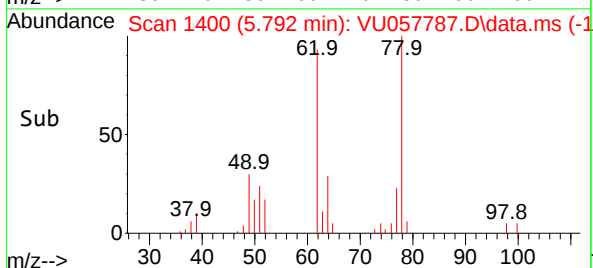
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

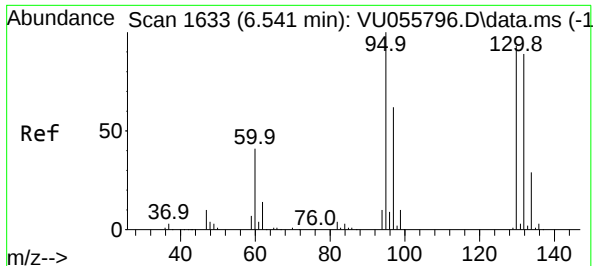


#36
1,2-Dichloroethane
Concen: 1.943 ug/l
RT: 5.792 min Scan# 1400
Delta R.T. 0.001 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14



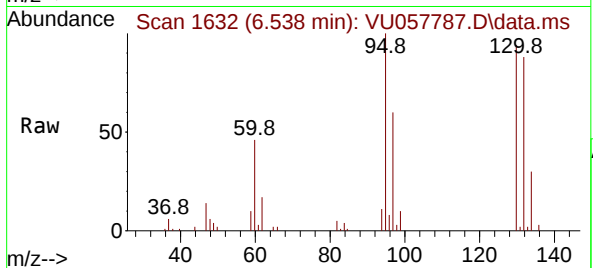
Tgt Ion: 62 Resp: 26768
Ion Ratio Lower Upper
62 100
98 8.3 7.3 10.9





#37
Trichloroethene
Concen: 1.940 ug/l
RT: 6.538 min Scan# 1632
Delta R.T. -0.003 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

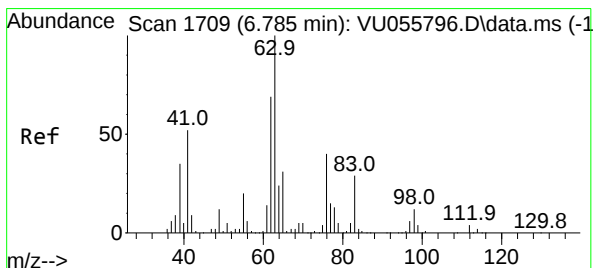
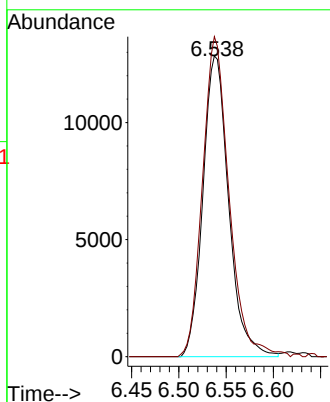
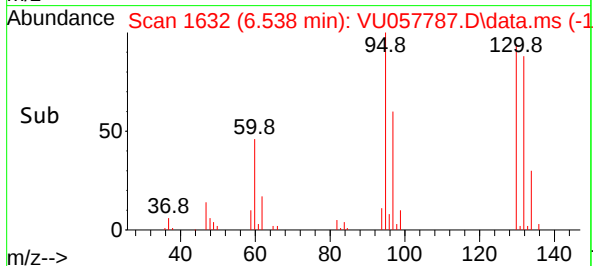
Instrument :
MSVOA_U
ClientSampleId :
VU0202WBSD01



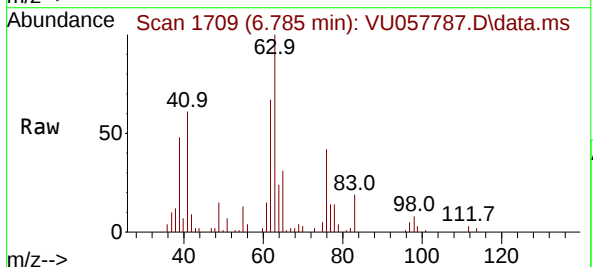
Tgt Ion:130 Resp: 2436
Ion Ratio Lower Upper
130 100
95 106.4 85.0 127.6

Manual Integrations
APPROVED

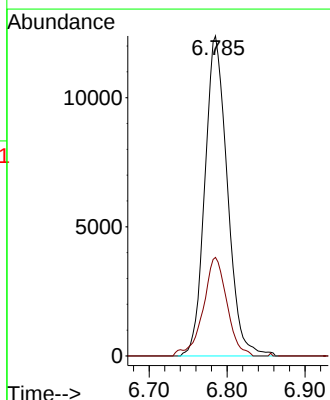
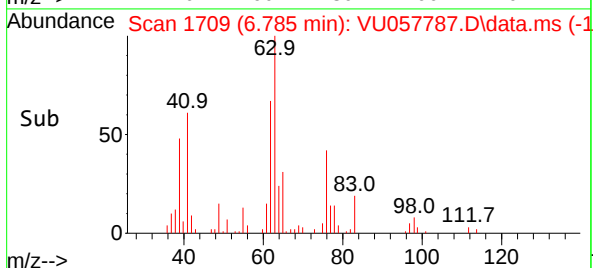
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

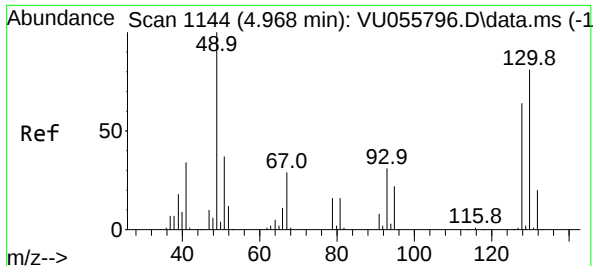


#38
1,2-Dichloropropane
Concen: 2.025 ug/l
RT: 6.785 min Scan# 1709
Delta R.T. 0.000 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14



Tgt Ion: 63 Resp: 24830
Ion Ratio Lower Upper
63 100
65 30.8 24.9 37.3





#39

Methacrylonitrile

Concen: 1.925 ug/l

RT: 4.978 min Scan# 1144

Delta R.T. 0.010 min

Lab File: VU057787.D

Acq: 02 Feb 2024 11:14

Instrument :

MSVOA_U

ClientSampleId :

VU0202WBSD01

Tgt Ion: 41 Resp: 555

Ion Ratio Lower Upper

41 100

67 29.9 66.8 100.2

39 48.9 41.2 61.8

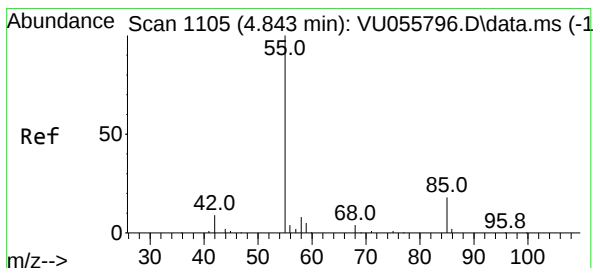
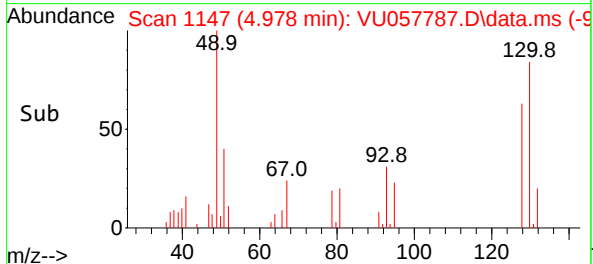
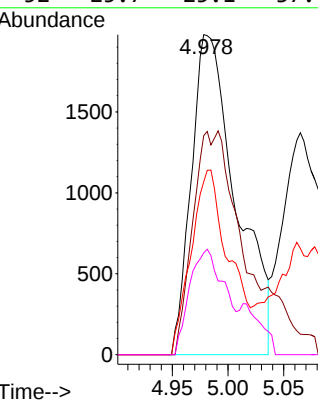
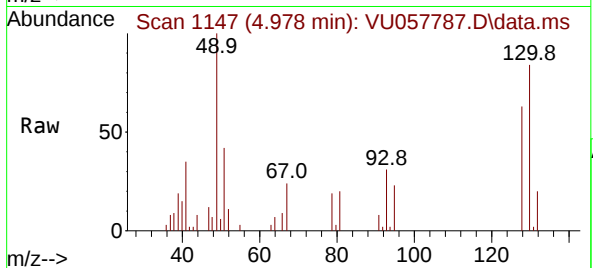
52 25.7 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#40

Methyl acrylate

Concen: 2.248 ug/l m

RT: 4.859 min Scan# 1110

Delta R.T. 0.016 min

Lab File: VU057787.D

Acq: 02 Feb 2024 11:14

Tgt Ion: 55 Resp: 9943

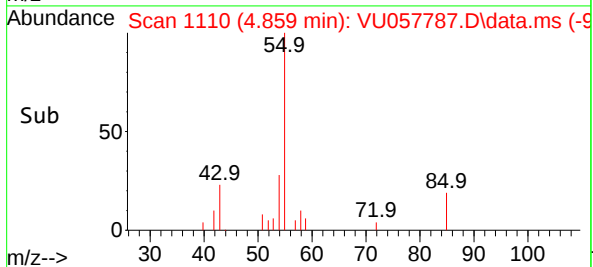
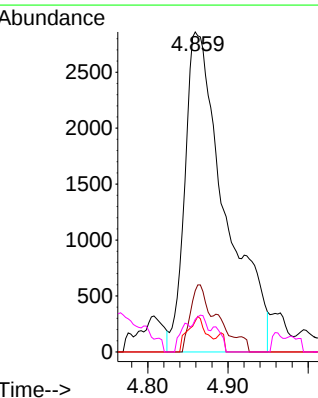
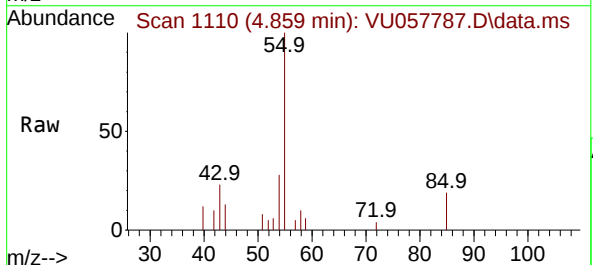
Ion Ratio Lower Upper

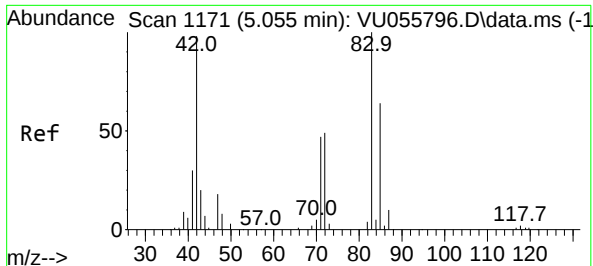
55 100

85 0.0 13.3 19.9#

58 0.0 6.5 9.7#

42 2.4 5.9 8.9#





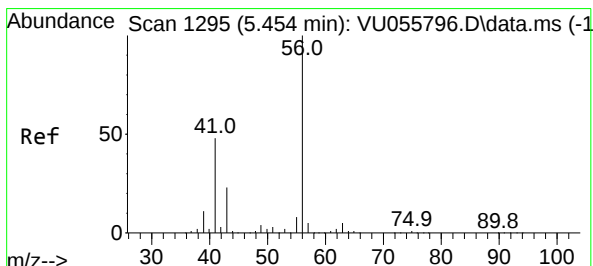
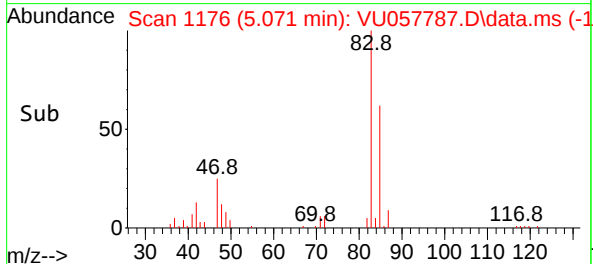
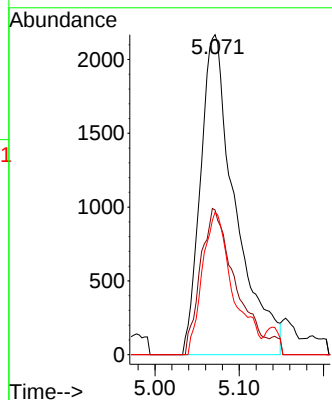
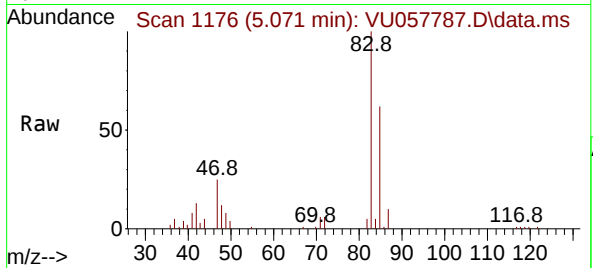
#41
Tetrahydrofuran
Concen: 4.034 ug/l
RT: 5.071 min Scan# 1171
Delta R.T. 0.016 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

Instrument :
MSVOA_U
ClientSampleId :
VU0202WBSD01

Tgt Ion: 42 Resp: 621
Ion Ratio Lower Upper
42 100
72 46.0 40.9 61.3
71 39.3 36.9 55.3

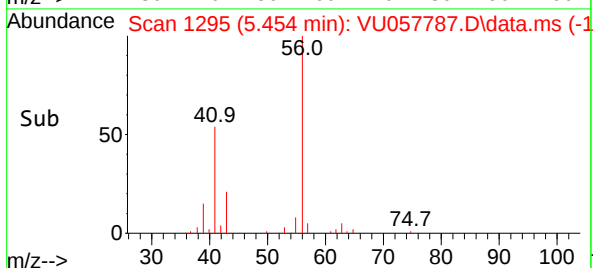
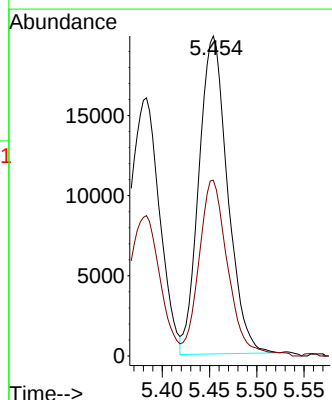
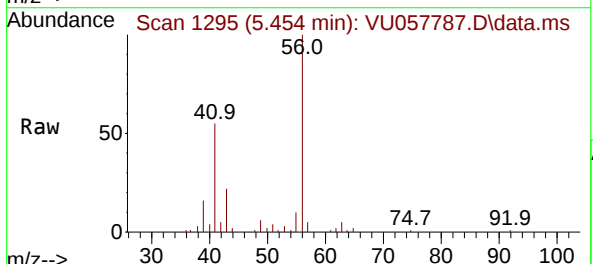
Manual Integrations
APPROVED

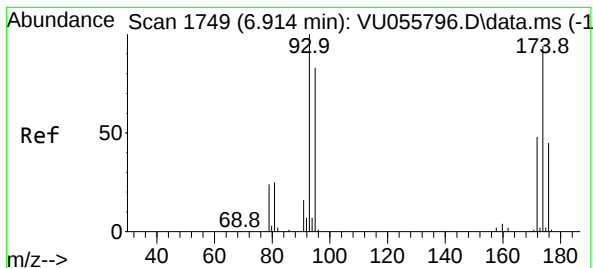
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#42
1-Chlorobutane
Concen: 1.931 ug/l
RT: 5.454 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

Tgt Ion: 56 Resp: 41814
Ion Ratio Lower Upper
56 100
41 55.8 25.2 75.6





#43

Dibromomethane

Concen: 1.921 ug/l

RT: 6.914 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU057787.D

Acq: 02 Feb 2024 11:14

Instrument :

MSVOA_U

ClientSampleId :

VU0202WBSD01

Tgt Ion: 93 Resp: 1083

Ion Ratio Lower Upper

93 100

95 87.7 67.0 100.6

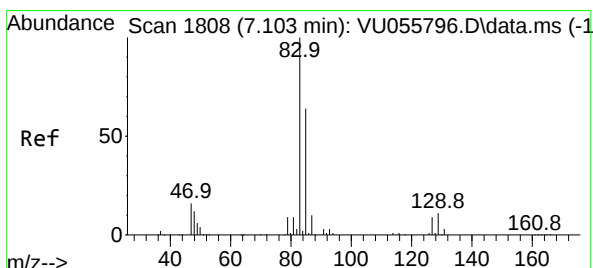
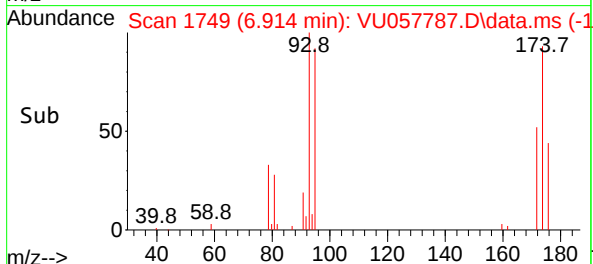
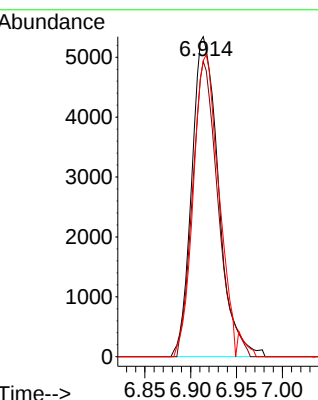
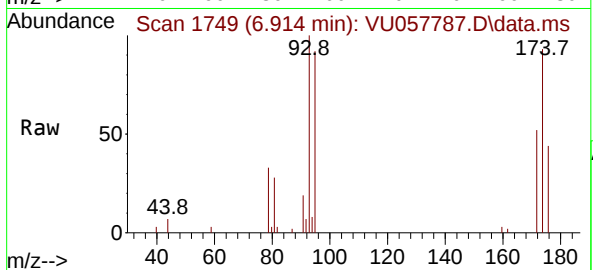
174 89.3 73.8 110.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#44

Bromodichloromethane

Concen: 1.931 ug/l

RT: 7.097 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VU057787.D

Acq: 02 Feb 2024 11:14

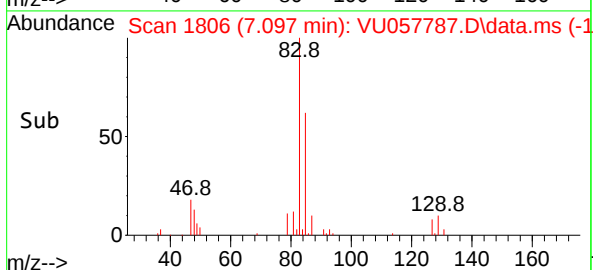
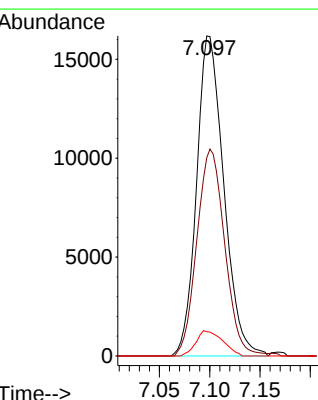
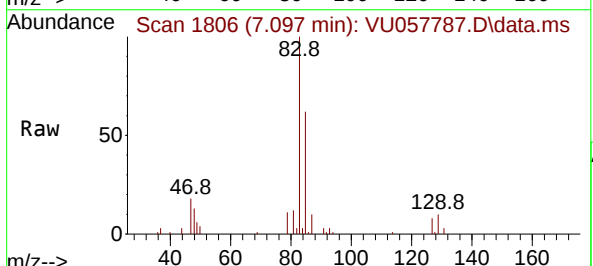
Tgt Ion: 83 Resp: 30484

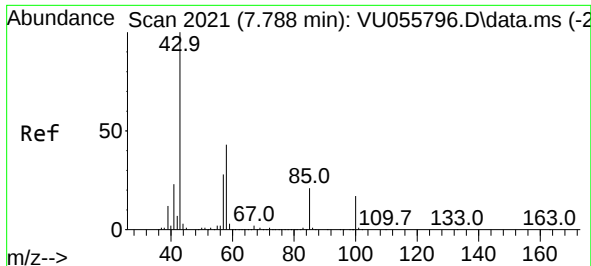
Ion Ratio Lower Upper

83 100

85 62.0 51.9 77.9

127 8.5 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 9.778 ug/l

RT: 7.788 min Scan# 2021

Delta R.T. 0.000 min

Lab File: VU057787.D

Acq: 02 Feb 2024 11:14

Instrument :

MSVOA_U

ClientSampleId :

VU0202WBSD01

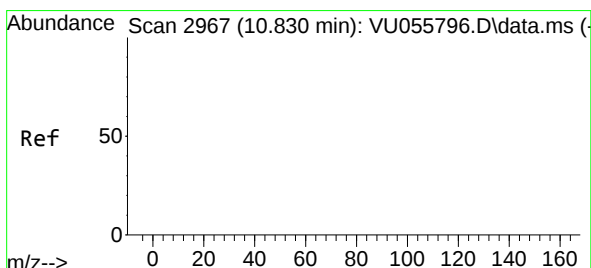
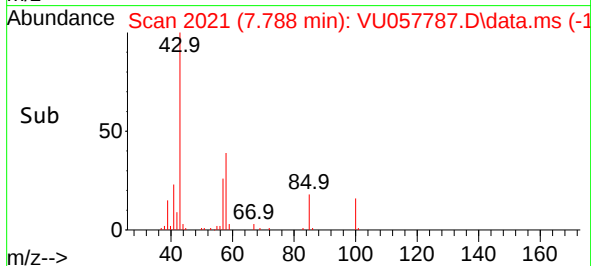
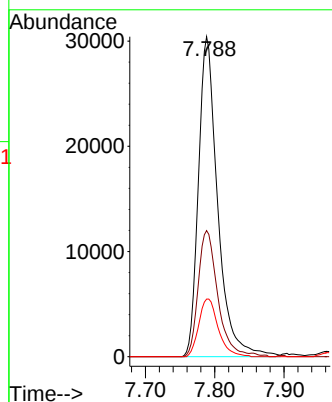
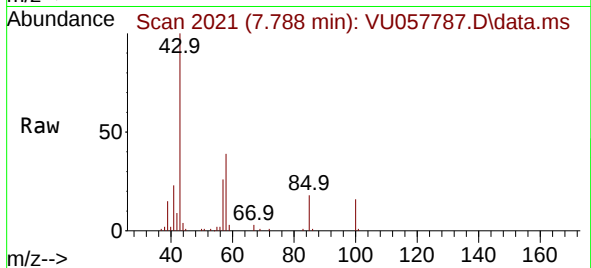
Tgt Ion:	43	Resp:	5875
Ion Ratio	Lower	Upper	
43	100		
58	39.7	20.9	62.8
85	18.2	14.6	21.8

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: 4.649 ug/l m

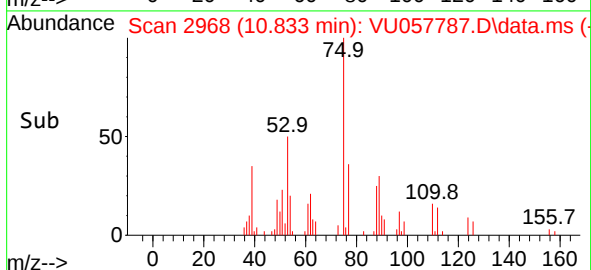
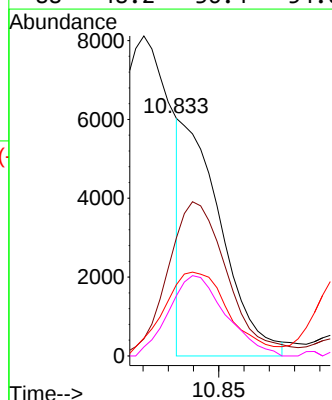
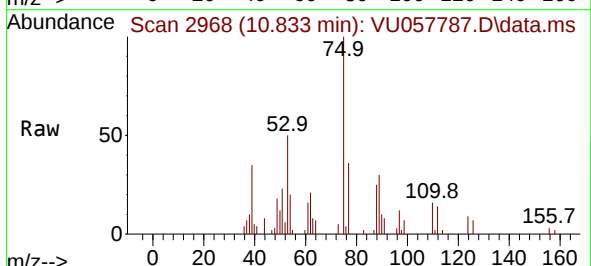
RT: 10.833 min Scan# 2968

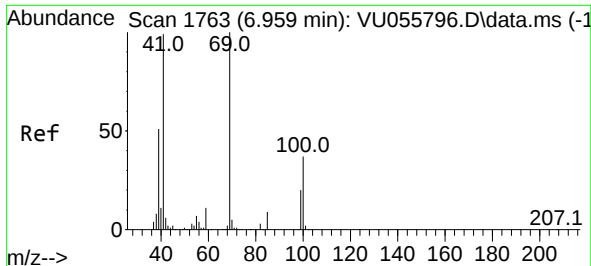
Delta R.T. 0.003 min

Lab File: VU057787.D

Acq: 02 Feb 2024 11:14

Tgt Ion:	75	Resp:	6606
Ion Ratio	Lower	Upper	
75	100		
53	98.0	73.3	109.9
89	58.7	48.2	72.4
88	48.2	36.4	54.6





#47

Methyl methacrylate

Concen: 3.835 ug/l

RT: 6.959 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU057787.D

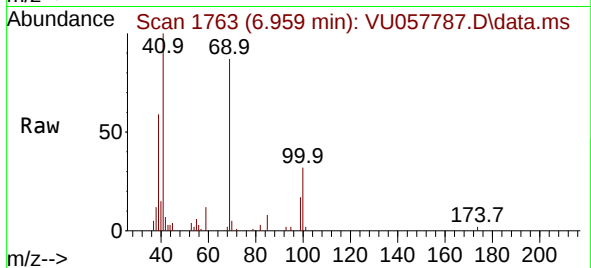
Acq: 02 Feb 2024 11:14

Instrument :

MSVOA_U

ClientSampleId :

VU0202WBSD01



Tgt Ion: 69 Resp: 1910

Ion Ratio Lower Upper

69 100

41 115.4 0.0 209.2

39 71.8 46.7 70.1

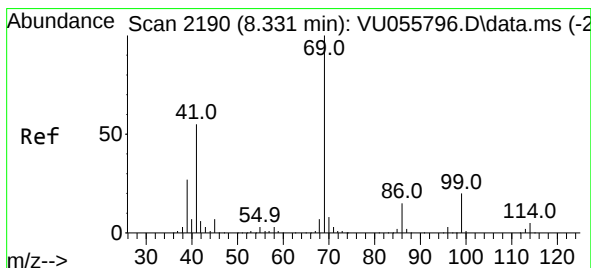
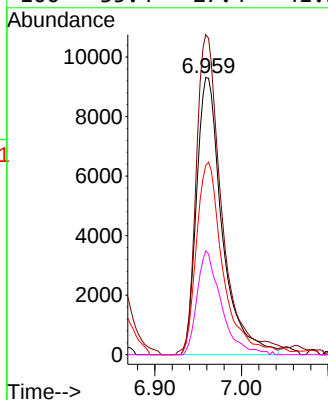
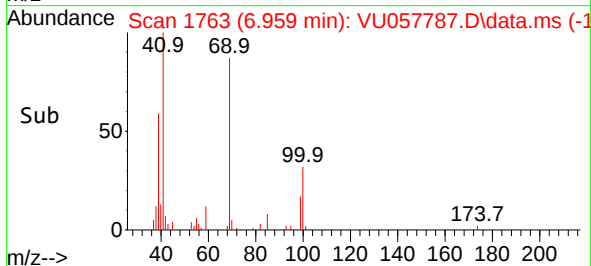
100 35.4 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#48

Ethyl methacrylate

Concen: 1.886 ug/l

RT: 8.332 min Scan# 2190

Delta R.T. 0.001 min

Lab File: VU057787.D

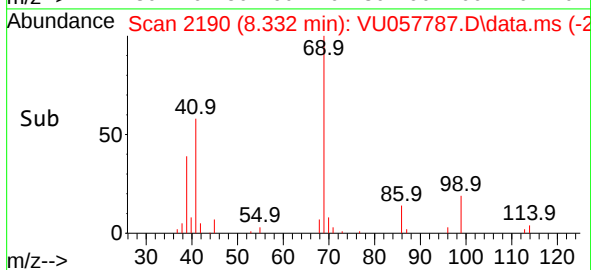
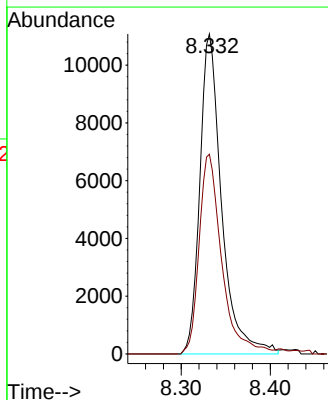
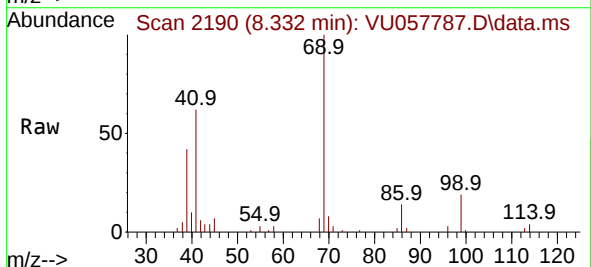
Acq: 02 Feb 2024 11:14

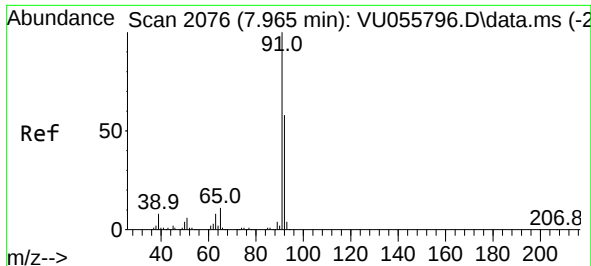
Tgt Ion: 69 Resp: 18825

Ion Ratio Lower Upper

69 100

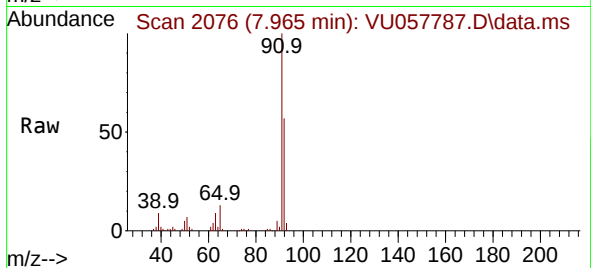
41 64.6 30.3 90.8





#49
Toluene
Concen: 1.948 ug/l
RT: 7.965 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

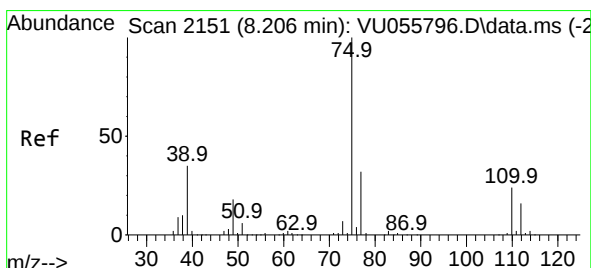
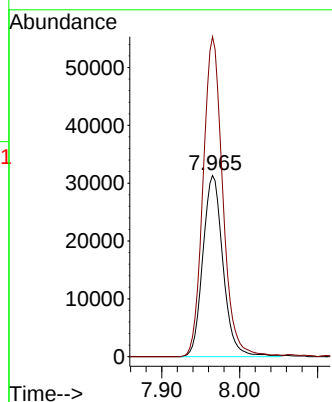
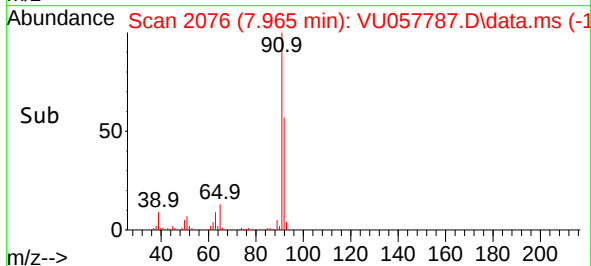
Instrument :
MSVOA_U
ClientSampleId :
VU0202WBSD01



Tgt Ion: 92 Resp: 5627
Ion Ratio Lower Upper
92 100
91 172.3 143.0 214.6

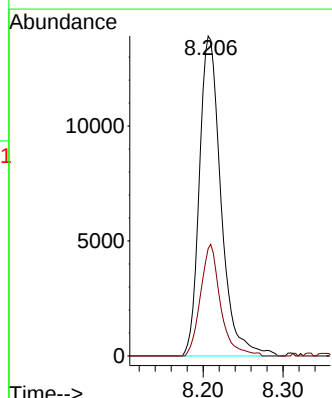
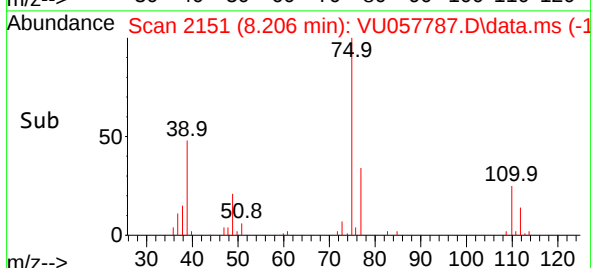
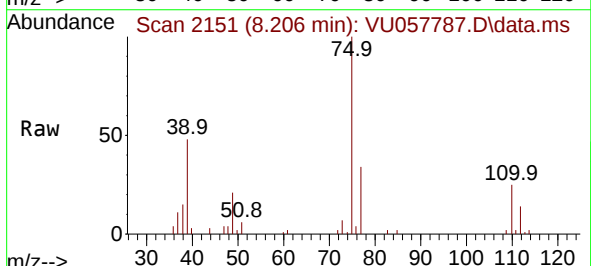
Manual Integrations
APPROVED

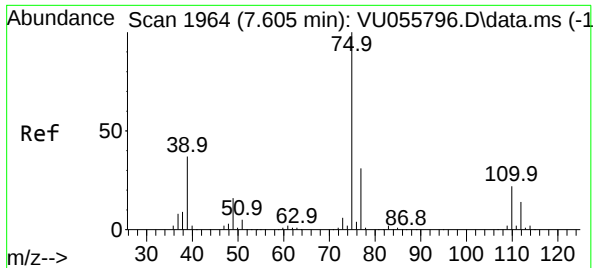
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#50
t-1,3-Dichloropropene
Concen: 1.921 ug/l
RT: 8.206 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

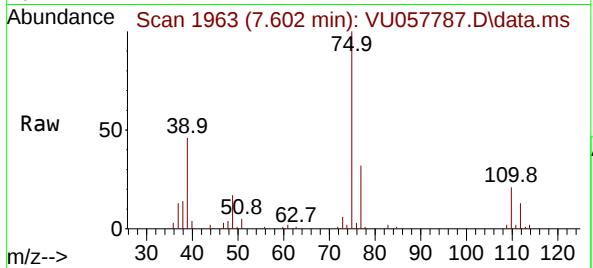
Tgt Ion: 75 Resp: 26181
Ion Ratio Lower Upper
75 100
77 33.6 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 1.936 ug/l
 RT: 7.602 min Scan# 1964
 Delta R.T. -0.003 min
 Lab File: VU057787.D
 Acq: 02 Feb 2024 11:14

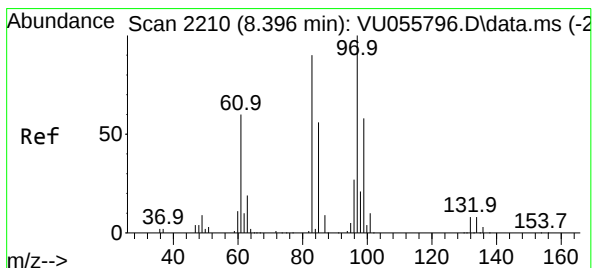
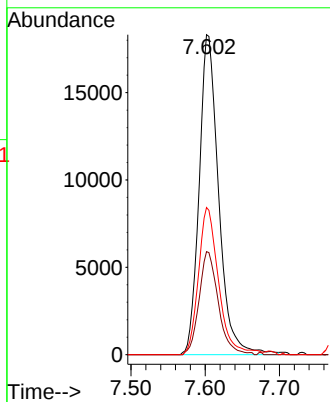
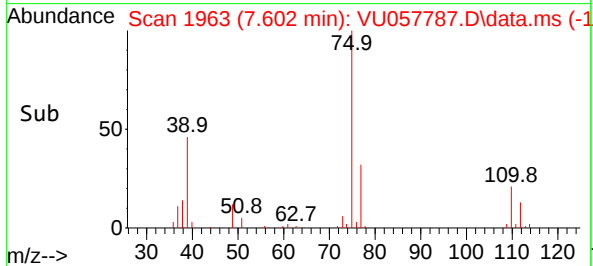
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0202WBSD01



Tgt Ion: 75 Resp: 3342
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.7 38.5
 39 46.0 32.8 49.2

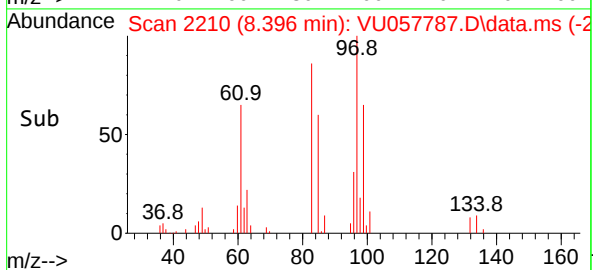
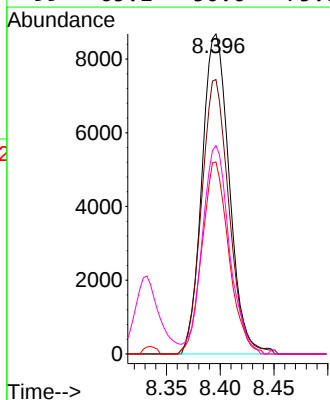
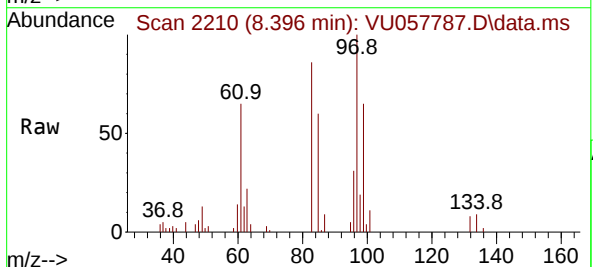
Manual Integrations
 APPROVED

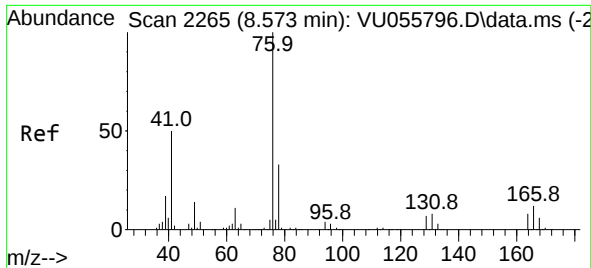
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024



#52
 1,1,2-Trichloroethane
 Concen: 1.976 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. -0.000 min
 Lab File: VU057787.D
 Acq: 02 Feb 2024 11:14

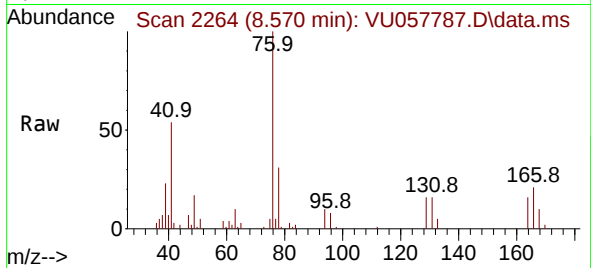
Tgt Ion: 97 Resp: 15349
 Ion Ratio Lower Upper
 97 100
 83 85.8 71.8 107.8
 85 60.0 45.2 67.8
 99 65.1 50.6 75.8





#53
1,3-Dichloropropane
Concen: 1.962 ug/l
RT: 8.570 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

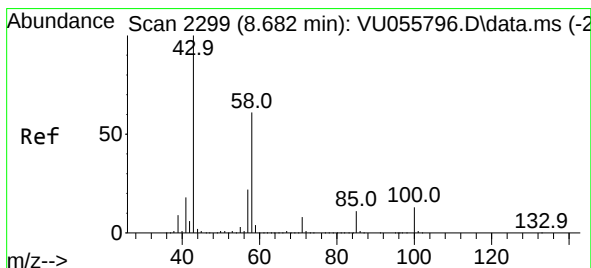
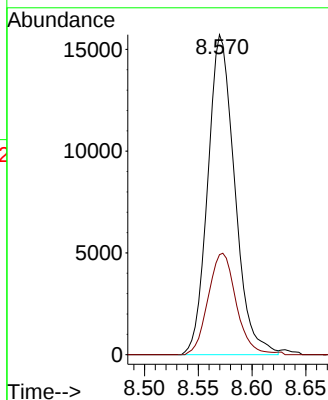
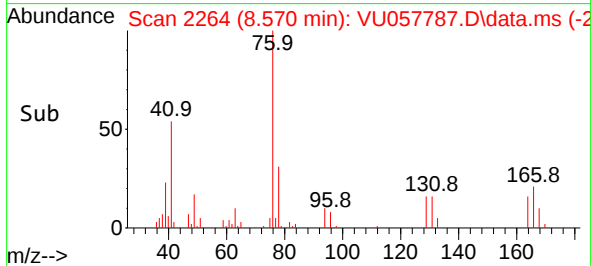
Instrument :
MSVOA_U
ClientSampleId :
VU0202WBSD01



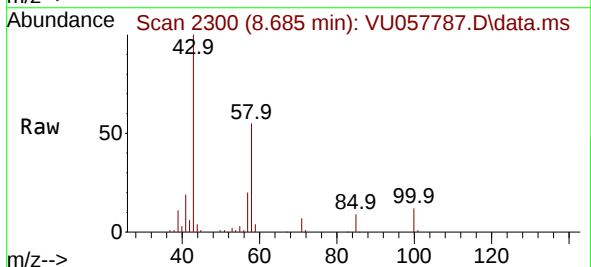
Tgt Ion: 76 Resp: 27398
Ion Ratio Lower Upper
76 100
78 33.1 25.9 38.9

Manual Integrations
APPROVED

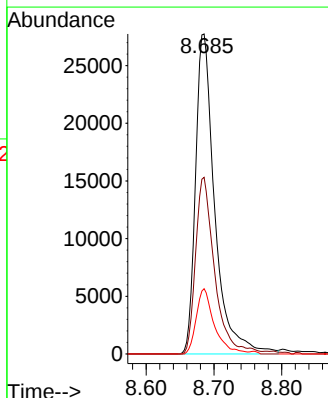
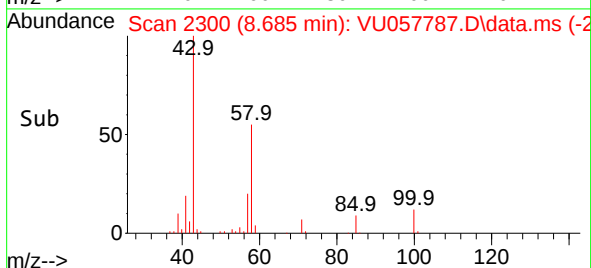
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

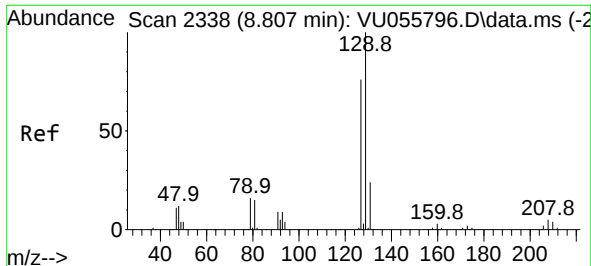


#54
2-Hexanone
Concen: 9.897 ug/l
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14



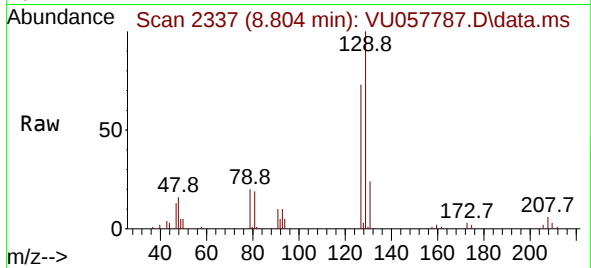
Tgt Ion: 43 Resp: 54748
Ion Ratio Lower Upper
43 100
58 54.6 38.2 78.2
57 19.1 0.0 39.1





#55
Dibromochloromethane
Concen: 1.877 ug/l
RT: 8.804 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

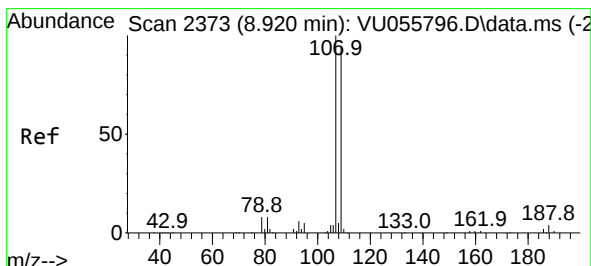
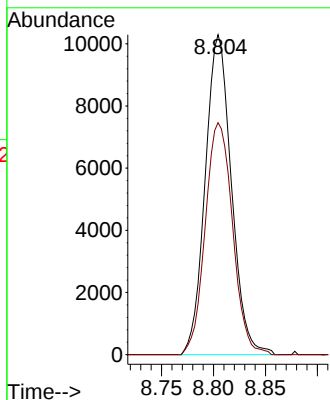
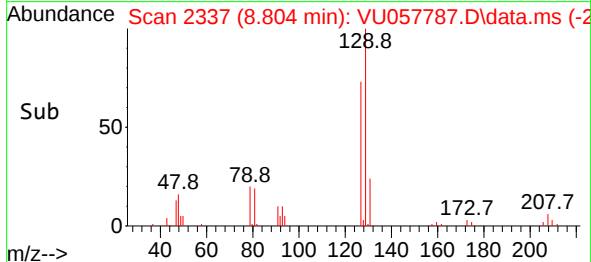
Instrument :
MSVOA_U
ClientSampleId :
VU0202WBSD01



Tgt Ion:129 Resp: 1804
Ion Ratio Lower Upper
129 100
127 75.7 61.4 92.0

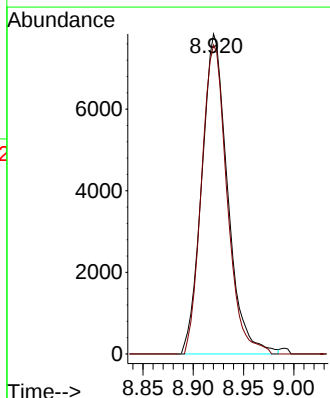
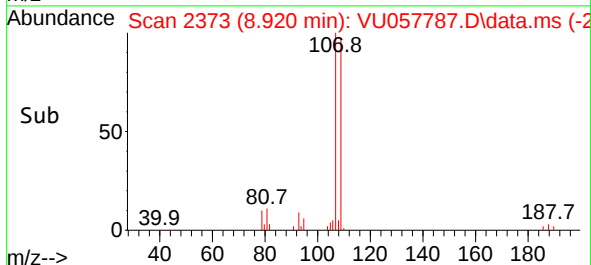
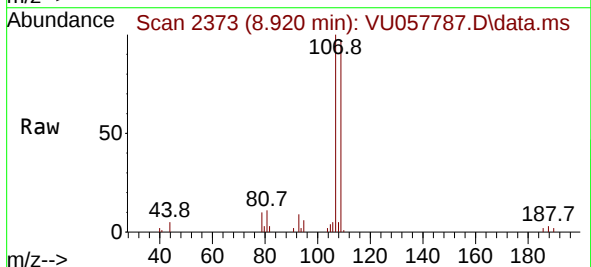
Manual Integrations
APPROVED

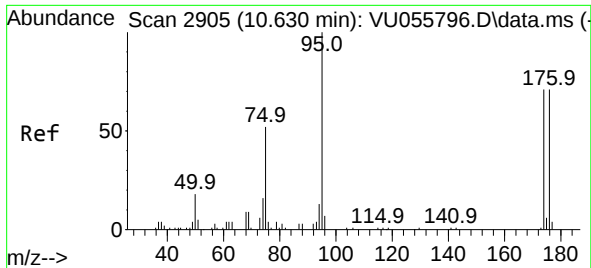
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#56
1,2-Dibromoethane
Concen: 1.965 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.000 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

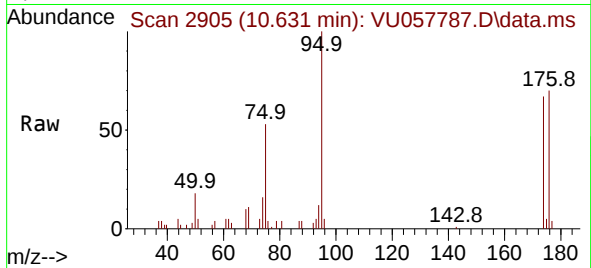
Tgt Ion:107 Resp: 14048
Ion Ratio Lower Upper
107 100
109 94.9 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 0.966 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.001 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

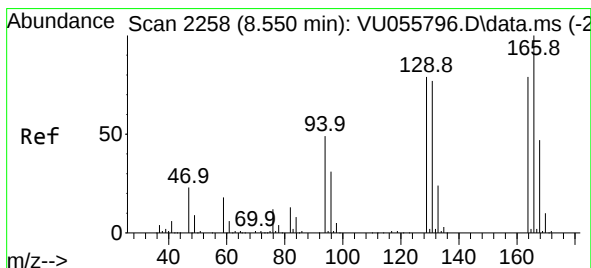
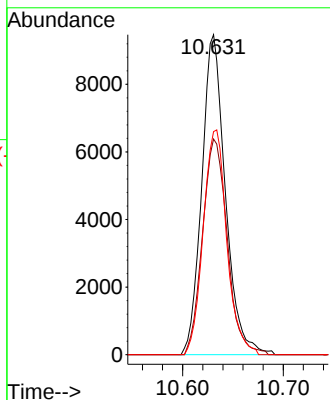
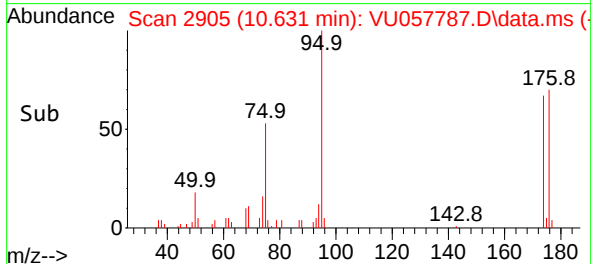
Instrument :
MSVOA_U
ClientSampleId :
VU0202WBSD01



Tgt Ion: 95 Resp: 1543
Ion Ratio Lower Upper
95 100
174 70.5 63.3 94.9
176 70.1 59.3 88.9

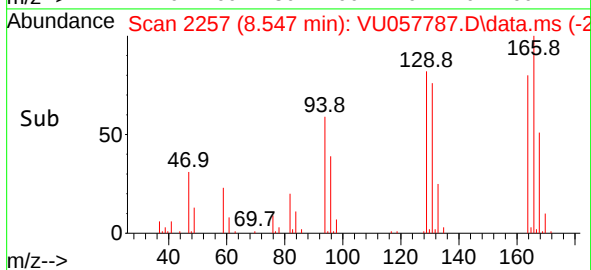
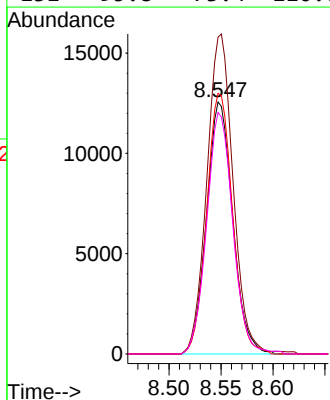
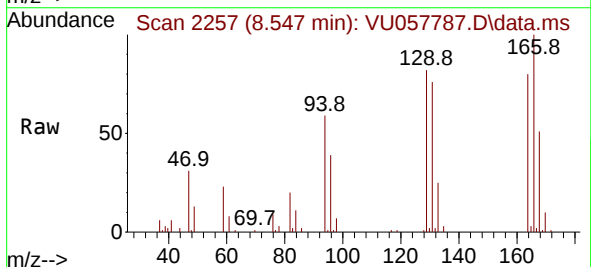
Manual Integrations
APPROVED

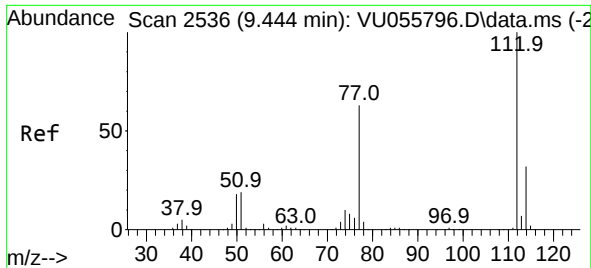
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#58
Tetrachloroethene
Concen: 1.991 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

Tgt Ion:164 Resp: 22055
Ion Ratio Lower Upper
164 100
166 125.7 99.6 149.4
129 103.4 78.6 117.8
131 95.8 73.4 110.0





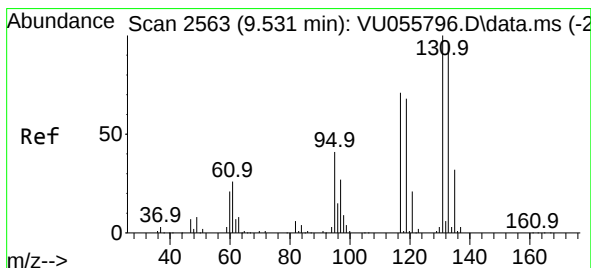
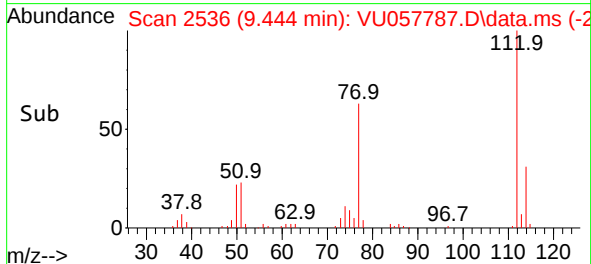
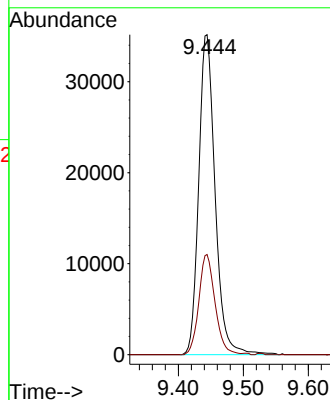
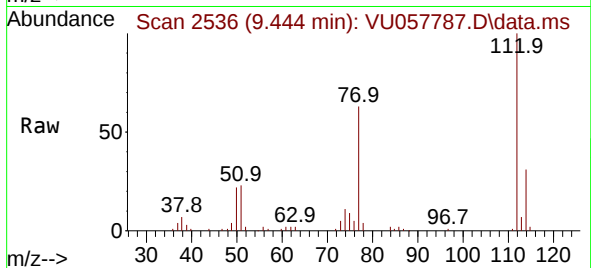
#59
Chlorobenzene
Concen: 1.935 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

Instrument :
MSVOA_U
ClientSampleId :
VU0202WBSD01

Tgt Ion:112 Resp: 6178
Ion Ratio Lower Upper
112 100
114 31.3 25.6 38.4

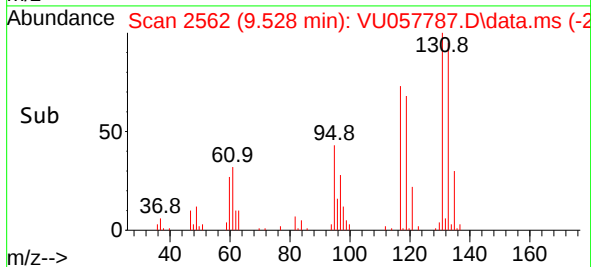
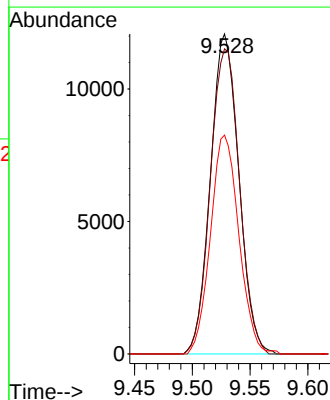
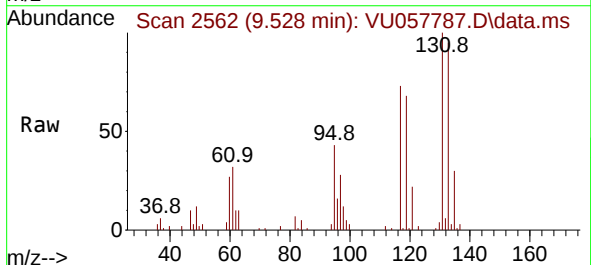
Manual Integrations
APPROVED

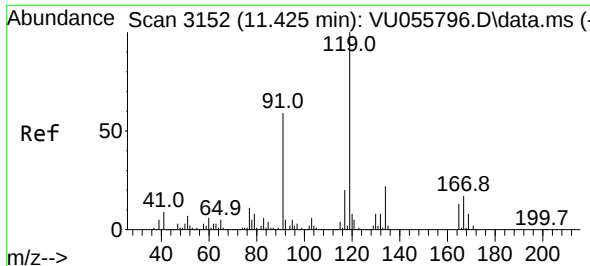
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#60
1,1,1,2-Tetrachloroethane
Concen: 1.906 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. -0.003 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

Tgt Ion:131 Resp: 20669
Ion Ratio Lower Upper
131 100
133 98.1 77.8 116.6
119 68.4 55.2 82.8





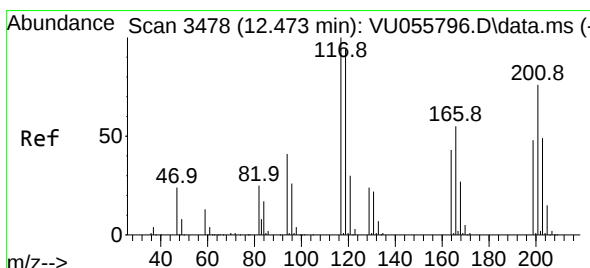
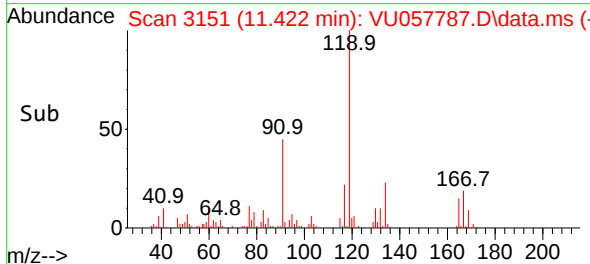
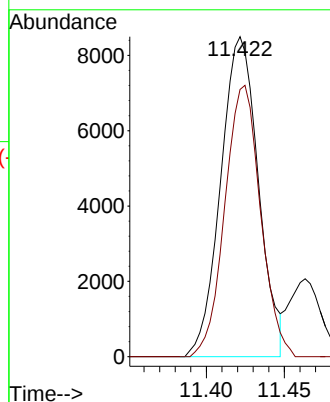
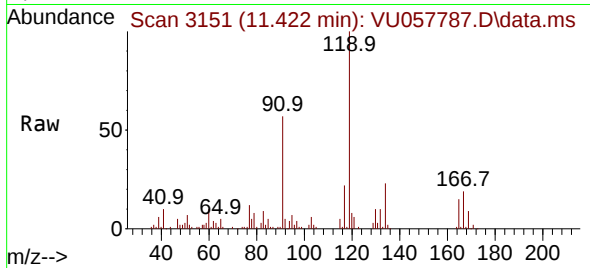
#61
Pentachloroethane
Concen: 1.813 ug/l
RT: 11.422 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

Instrument :
MSVOA_U
ClientSampleId :
VU0202WBSD01

Tgt Ion:117 Resp: 14289
Ion Ratio Lower Upper
117 100
167 80.2 56.7 85.1

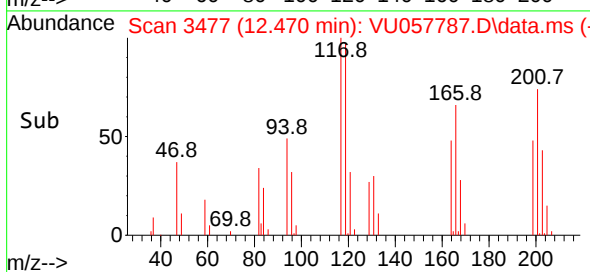
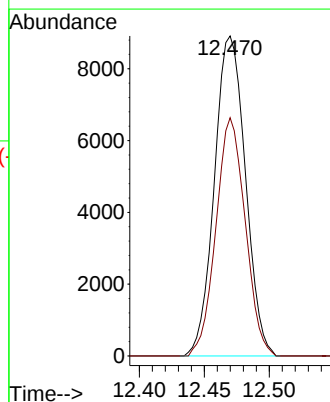
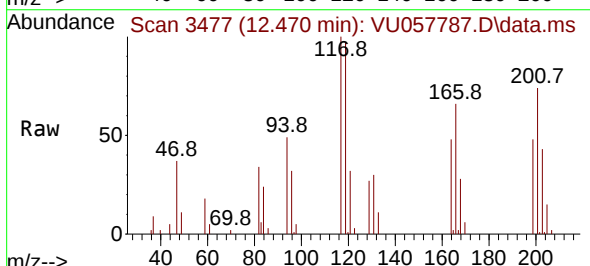
Manual Integrations
APPROVED

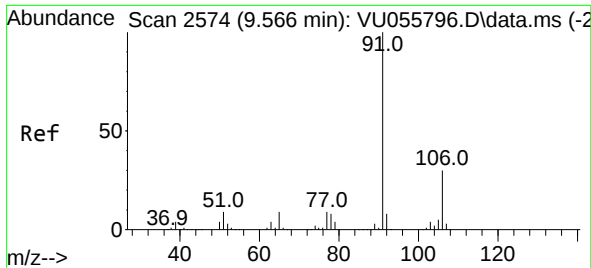
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#62
Hexachloroethane
Concen: 1.855 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. -0.003 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

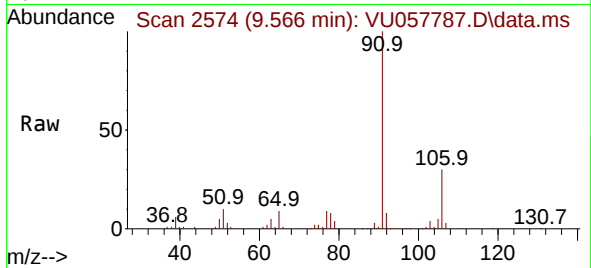
Tgt Ion:117 Resp: 14809
Ion Ratio Lower Upper
117 100
201 70.2 59.6 89.4





#63
Ethyl Benzene
Concen: 1.904 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

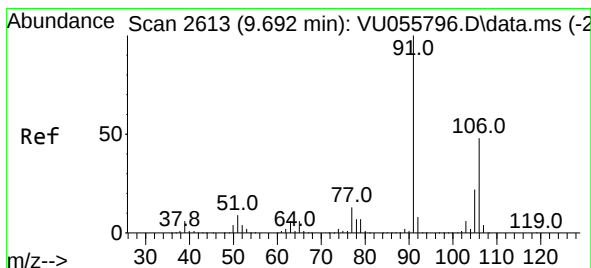
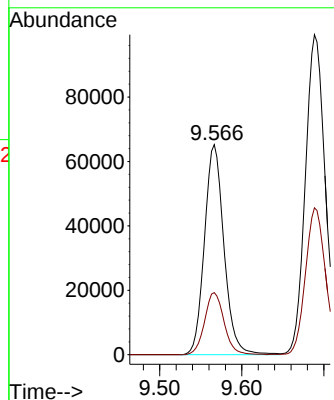
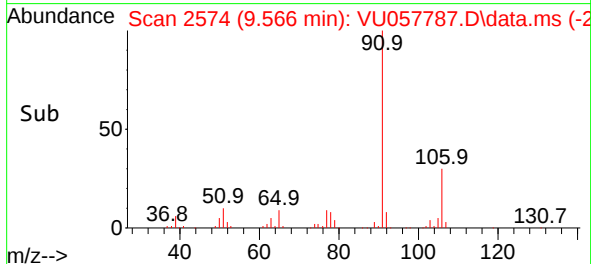
Instrument :
MSVOA_U
ClientSampleId :
VU0202WBSD01



Tgt Ion: 91 Resp: 108114
Ion Ratio Lower Upper
91 100
106 29.6 24.2 36.2

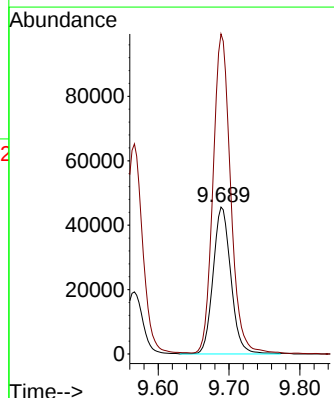
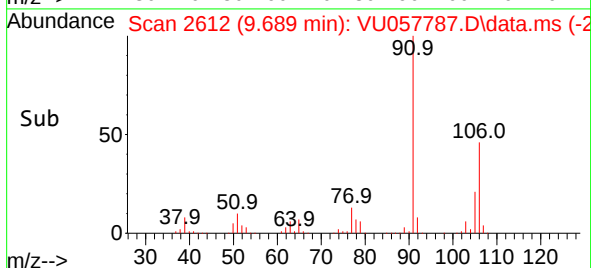
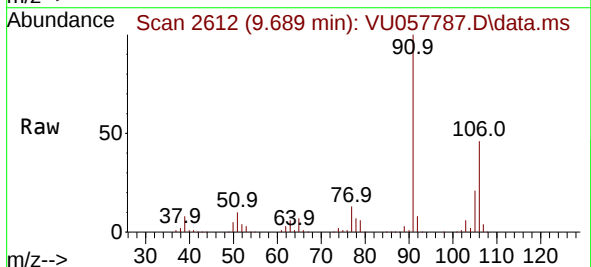
Manual Integrations
APPROVED

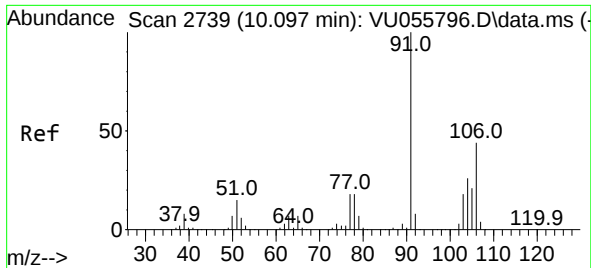
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#64
m/p-Xylenes
Concen: 3.849 ug/l
RT: 9.689 min Scan# 2612
Delta R.T. -0.003 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

Tgt Ion:106 Resp: 79404
Ion Ratio Lower Upper
106 100
91 215.6 167.3 250.9





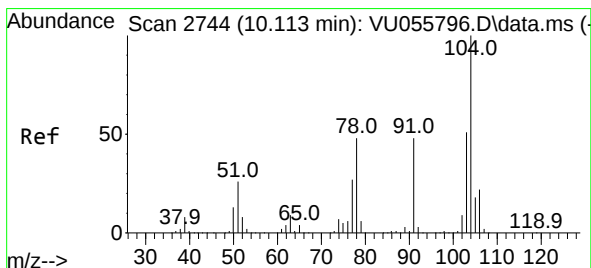
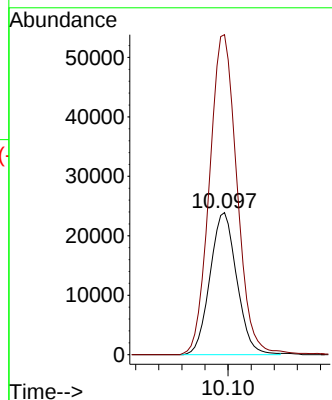
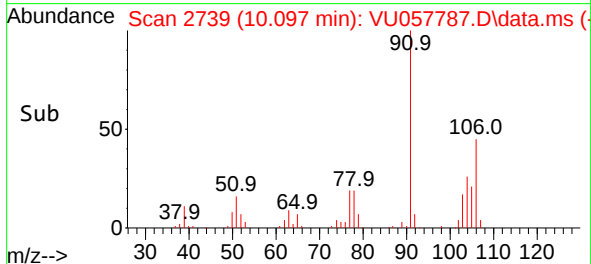
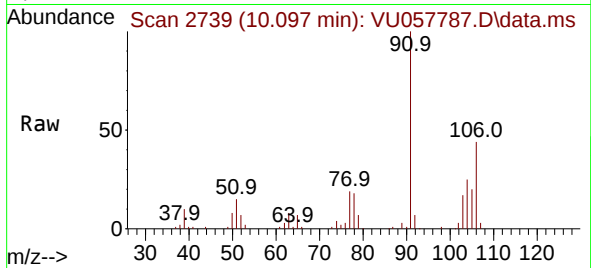
#65
o-Xylene
Concen: 1.882 ug/l
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

Instrument :
MSVOA_U
ClientSampleId :
VU0202WBSD01

Tgt Ion:106 Resp: 3842
Ion Ratio Lower Upper
106 100
91 232.6 109.3 327.9

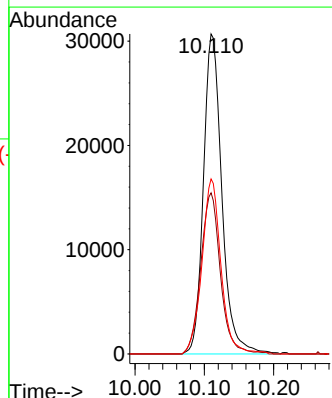
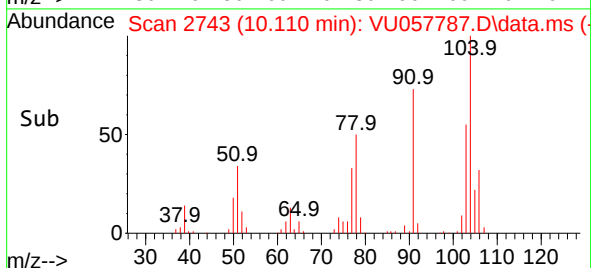
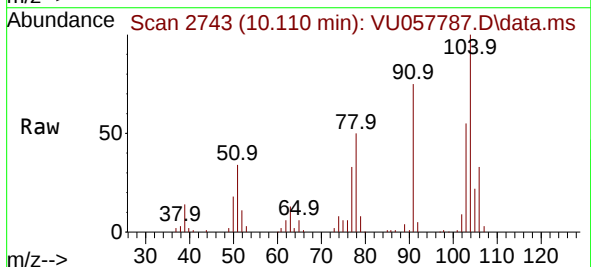
Manual Integrations
APPROVED

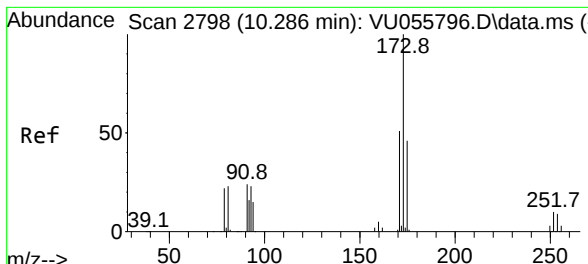
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#66
Styrene
Concen: 1.861 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. -0.003 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

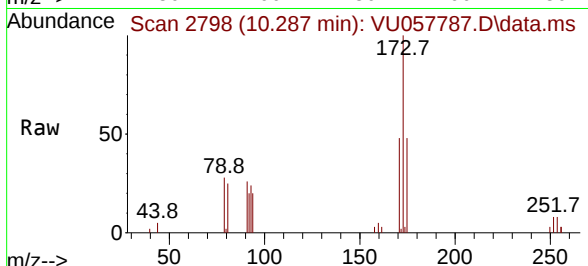
Tgt Ion:104 Resp: 56720
Ion Ratio Lower Upper
104 100
78 53.8 39.7 59.5
103 56.5 44.8 67.2





#67
Bromoform
Concen: 1.935 ug/l
RT: 10.287 min Scan# 21
Delta R.T. 0.001 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

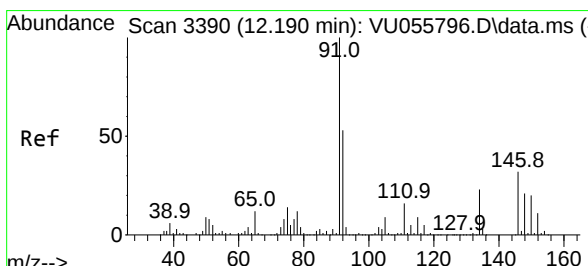
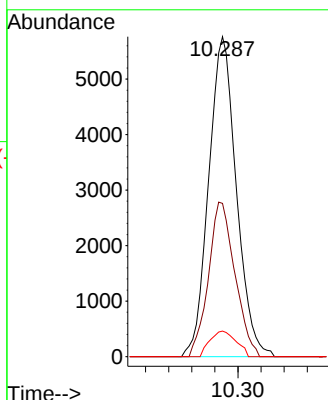
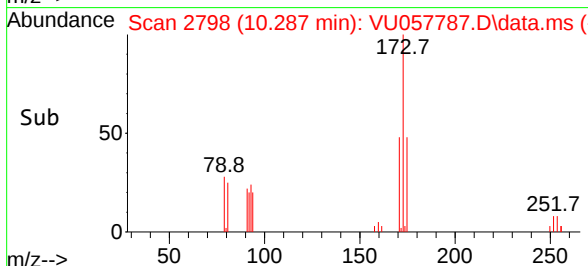
Instrument :
MSVOA_U
ClientSampleId :
VU0202WBSD01



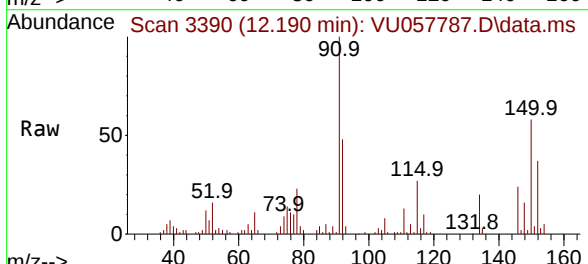
Tgt Ion:173 Resp: 9578
Ion Ratio Lower Upper
173 100
175 46.1 39.0 58.6
254 7.6 7.4 11.0

Manual Integrations
APPROVED

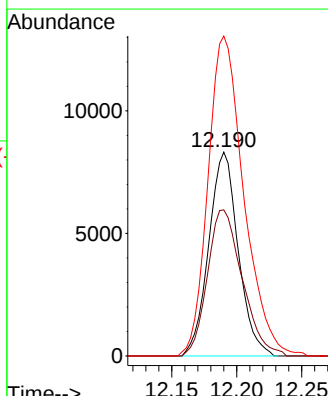
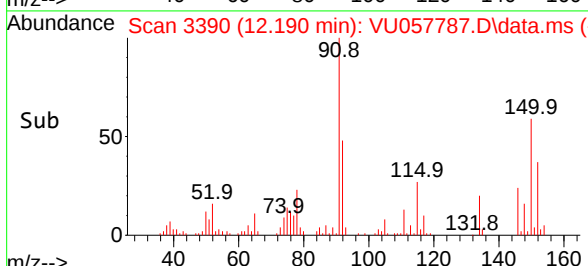
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

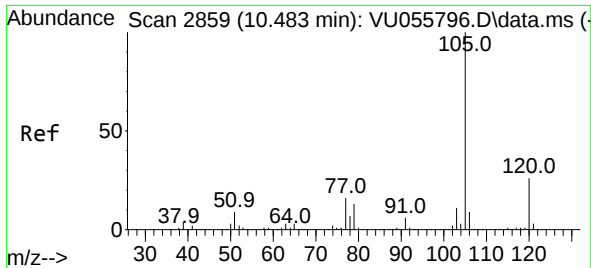


#68
1,2-Dichlorobenzene-d4
Concen: 0.910 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.000 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14



Tgt Ion:152 Resp: 13096
Ion Ratio Lower Upper
152 100
115 84.7 0.0 308.8
150 190.8 0.0 635.0





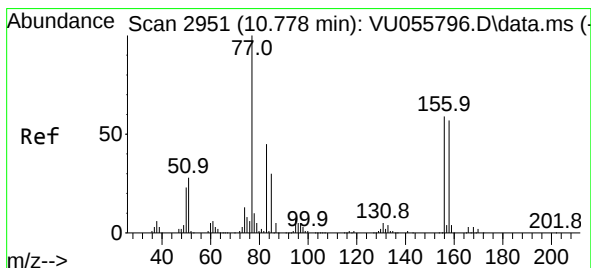
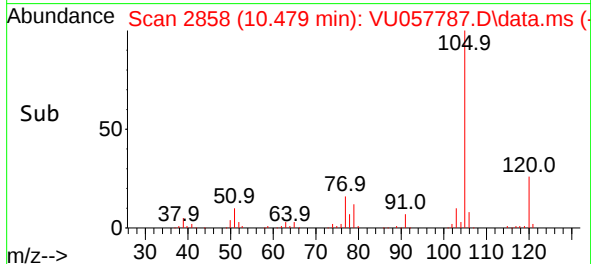
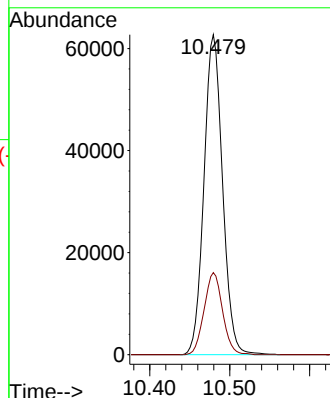
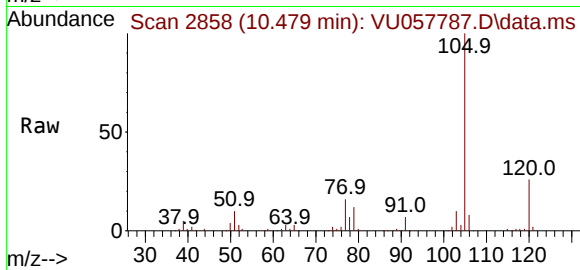
#69
Isopropylbenzene
Concen: 1.897 ug/l
RT: 10.479 min Scan# 21
Delta R.T. -0.004 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

Instrument :
MSVOA_U
ClientSampleId :
VU0202WBSD01

Tgt Ion:105 Resp: 10156
Ion Ratio Lower Upper
105 100
120 25.4 12.8 38.4

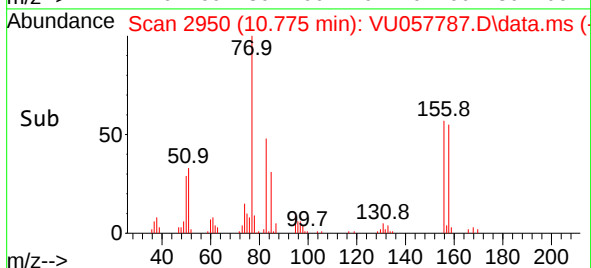
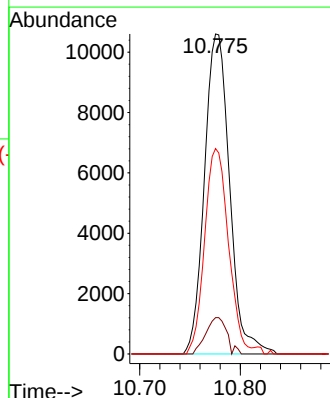
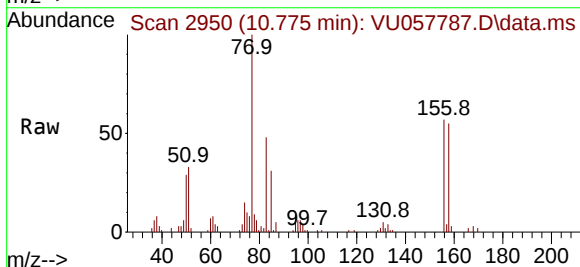
Manual Integrations
APPROVED

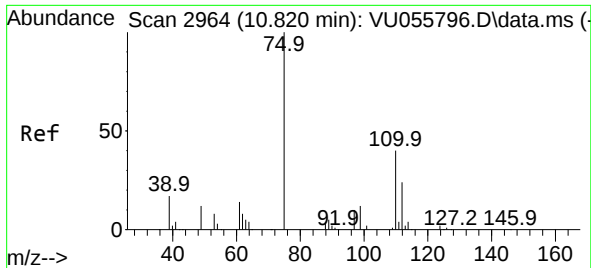
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#70
1,1,2,2-Tetrachloroethane
Concen: 1.893 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

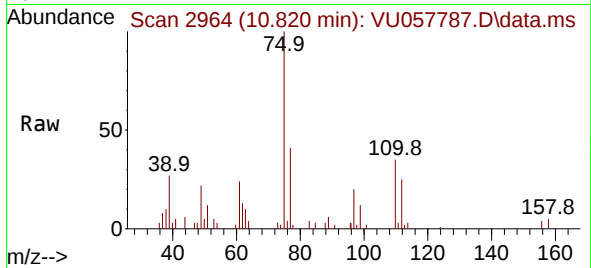
Tgt Ion: 83 Resp: 18429
Ion Ratio Lower Upper
83 100
131 9.5 7.2 10.8
85 60.7 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 1.583 ug/l m
RT: 10.820 min Scan# 2964
Delta R.T. 0.000 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

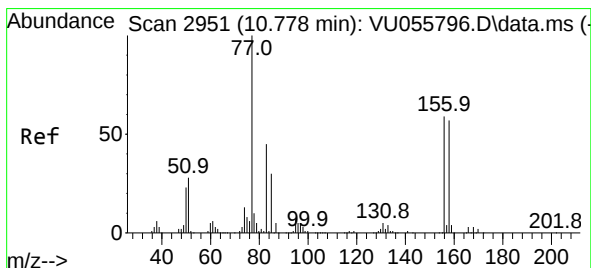
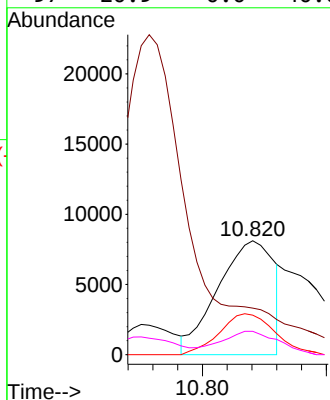
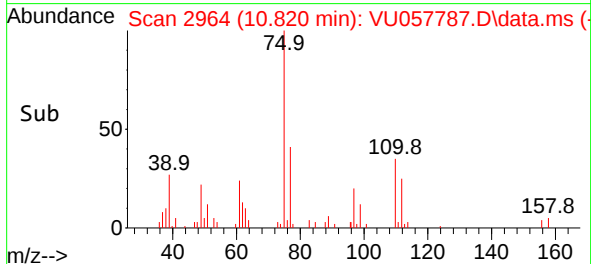
Instrument :
MSVOA_U
ClientSampleId :
VU0202WBSD01



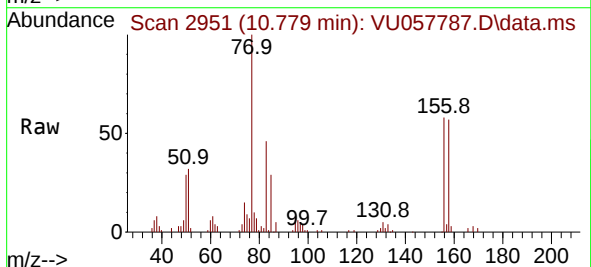
Tgt Ion:	75	Resp:	12724
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	116.4
110	35.7	0.0	74.6
97	20.9	0.0	40.0

Manual Integrations
APPROVED

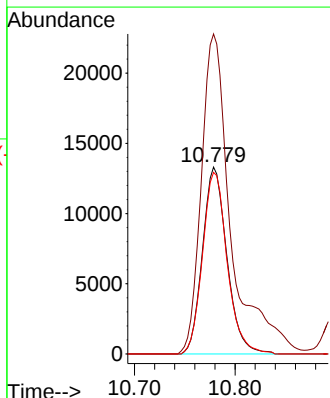
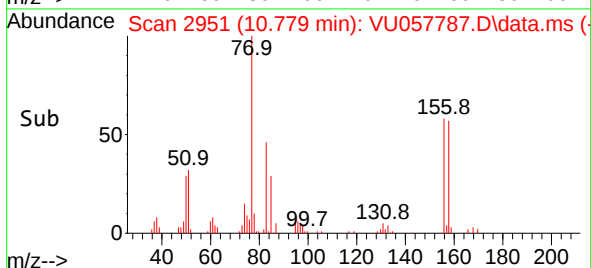
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

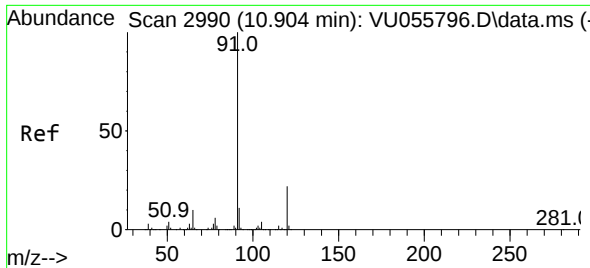


#72
Bromobenzene
Concen: 1.907 ug/l
RT: 10.779 min Scan# 2951
Delta R.T. 0.001 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14



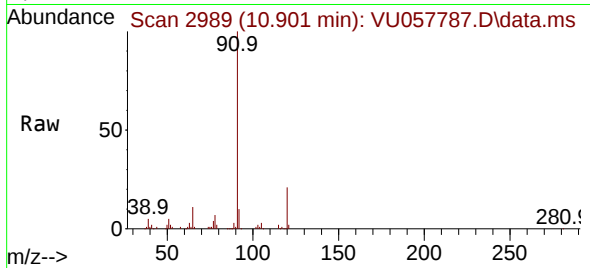
Tgt Ion:	156	Resp:	22466
Ion Ratio	Lower	Upper	
156	100		
77	208.6	0.0	343.0
158	98.2	0.0	194.8





#73
n-propylbenzene
Concen: 1.808 ug/l
RT: 10.901 min Scan# 2990
Delta R.T. -0.003 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

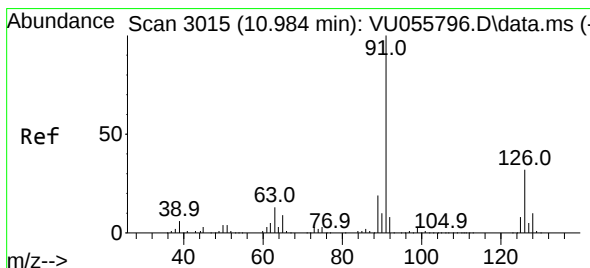
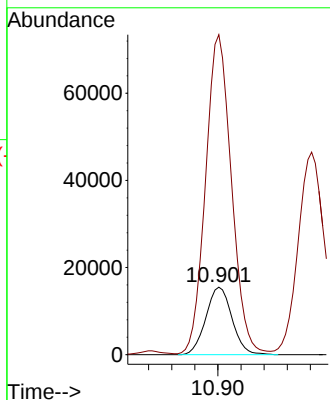
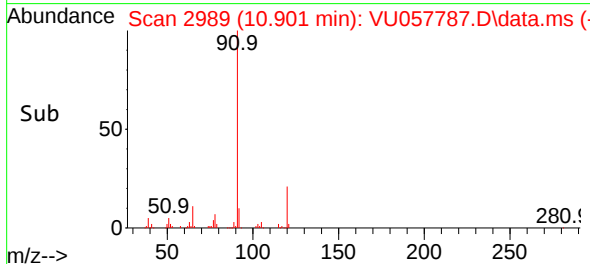
Instrument :
MSVOA_U
ClientSampleId :
VU0202WBSD01



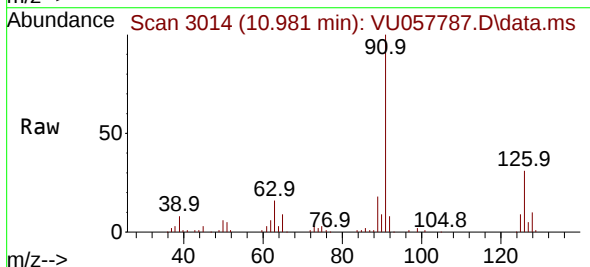
Tgt Ion:120 Resp: 24310
Ion Ratio Lower Upper
120 100
91 467.5 369.8 554.6

Manual Integrations
APPROVED

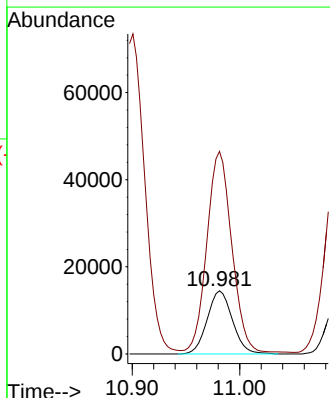
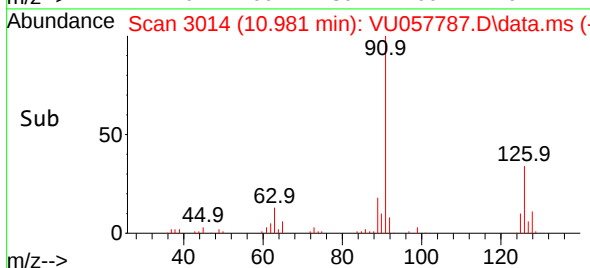
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

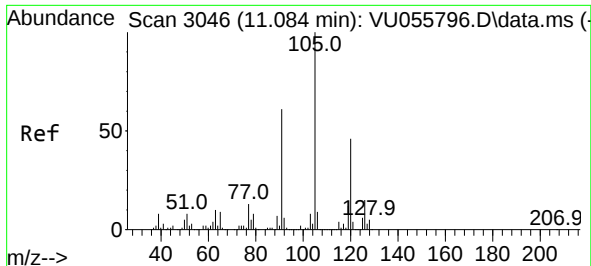


#74
2-Chlorotoluene
Concen: 1.892 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. -0.003 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14



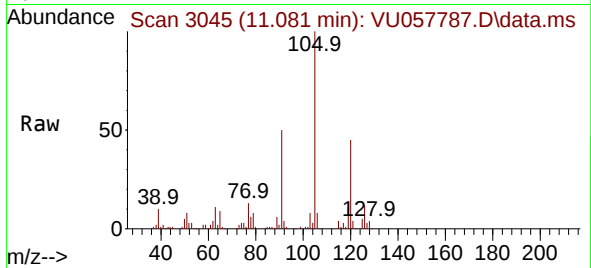
Tgt Ion:126 Resp: 23605
Ion Ratio Lower Upper
126 100
91 316.6 0.0 610.0





#75
1,3,5-Trimethylbenzene
Concen: 1.923 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. -0.003 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

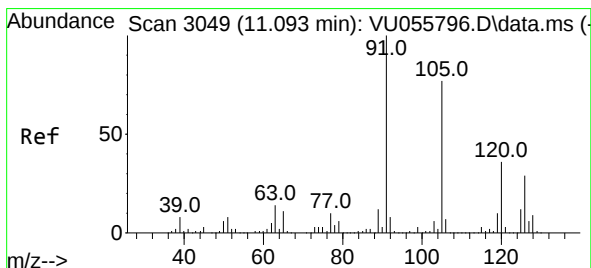
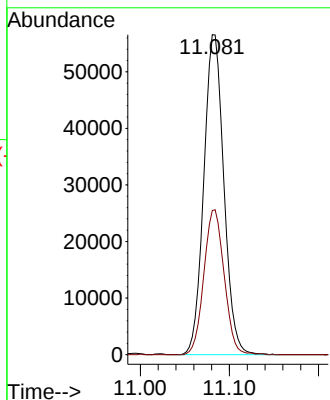
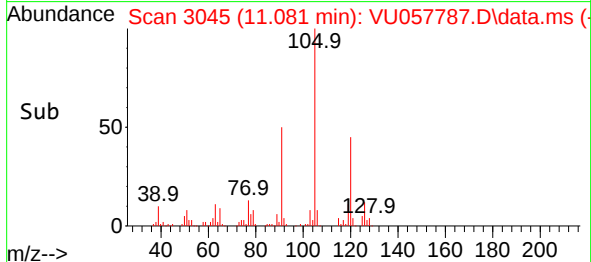
Instrument :
MSVOA_U
ClientSampleId :
VU0202WBSD01



Tgt Ion:105 Resp: 8843
Ion Ratio Lower Upper
105 100
120 45.9 37.8 56.8

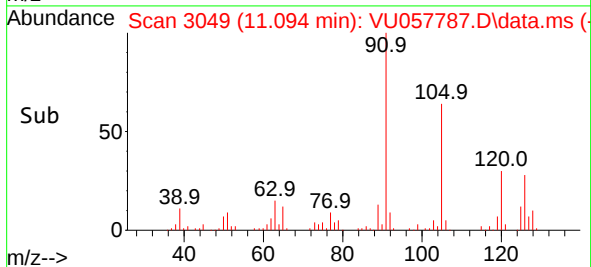
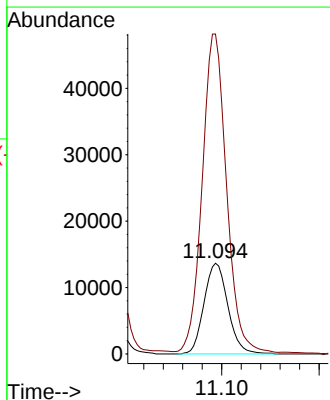
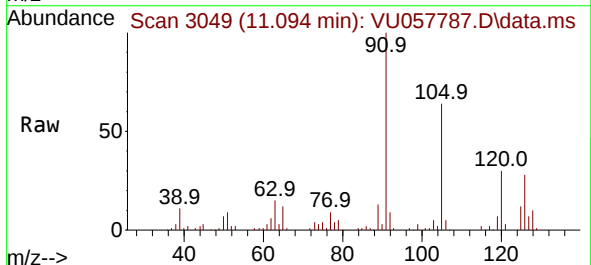
Manual Integrations
APPROVED

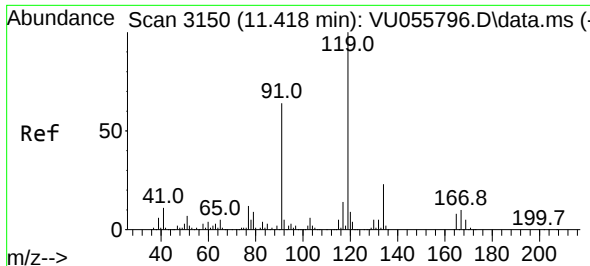
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#76
4-Chlorotoluene
Concen: 1.850 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.001 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

Tgt Ion:126 Resp: 23205
Ion Ratio Lower Upper
126 100
91 356.2 0.0 686.2





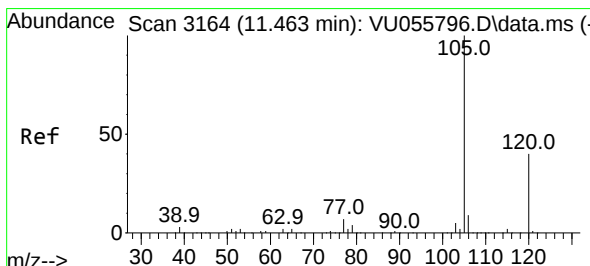
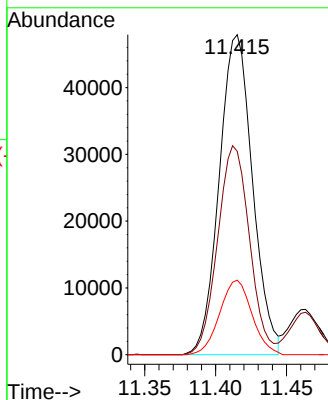
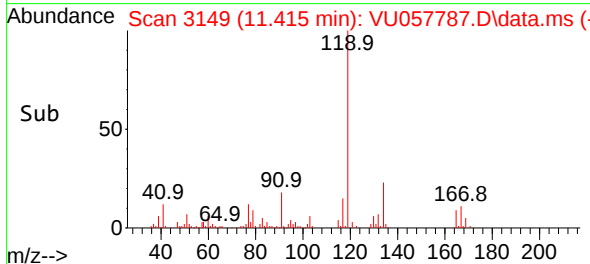
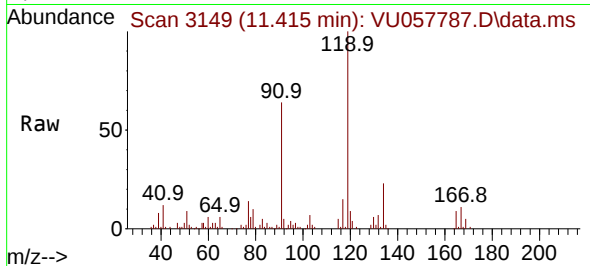
#77
tert-Butylbenzene
Concen: 1.821 ug/l
RT: 11.415 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

Instrument :
MSVOA_U
ClientSampleId :
VU0202WBSD01

Tgt Ion:119 Resp: 78558
Ion Ratio Lower Upper
119 100
91 62.4 30.8 92.4
134 22.5 18.0 27.0

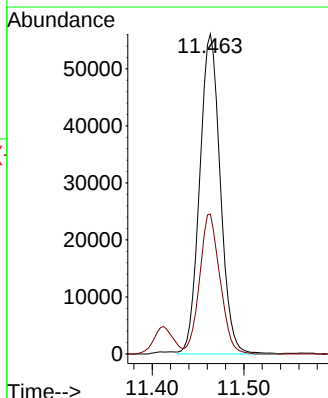
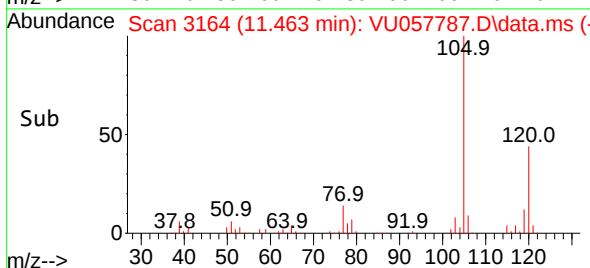
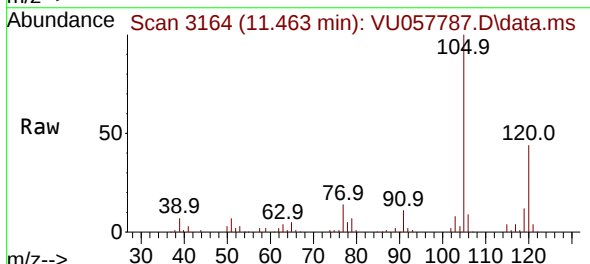
Manual Integrations
APPROVED

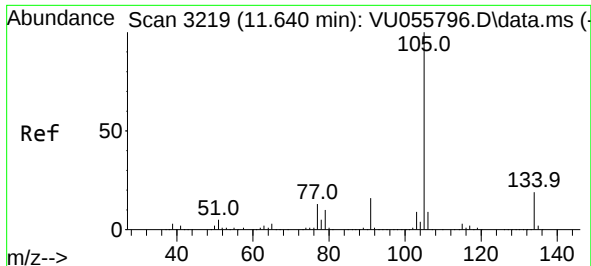
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#78
1,2,4-Trimethylbenzene
Concen: 1.879 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

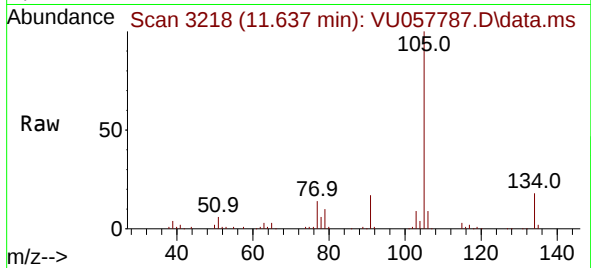
Tgt Ion:105 Resp: 87611
Ion Ratio Lower Upper
105 100
120 43.2 21.9 65.8





#79
 sec-Butylbenzene
 Concen: 1.877 ug/l
 RT: 11.637 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU057787.D
 Acq: 02 Feb 2024 11:14

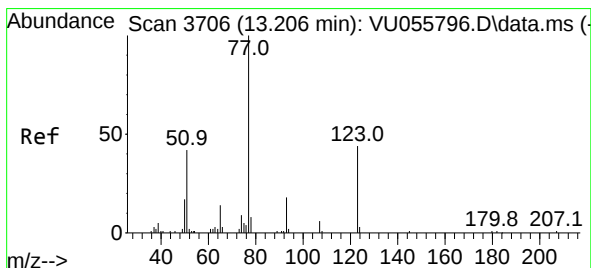
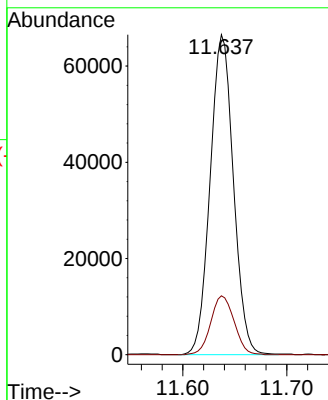
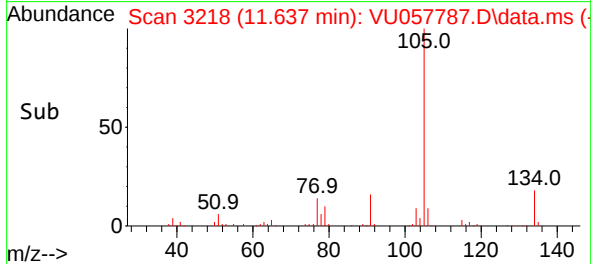
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0202WBSD01



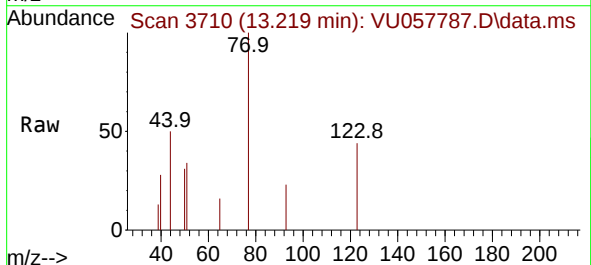
Tgt Ion:105 Resp: 10348
 Ion Ratio Lower Upper
 105 100
 134 18.5 14.9 22.3

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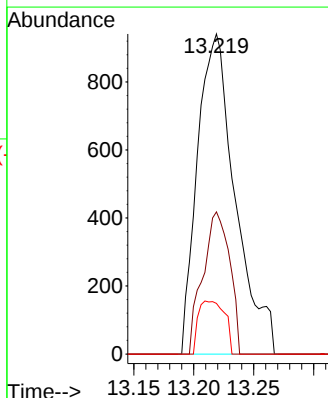
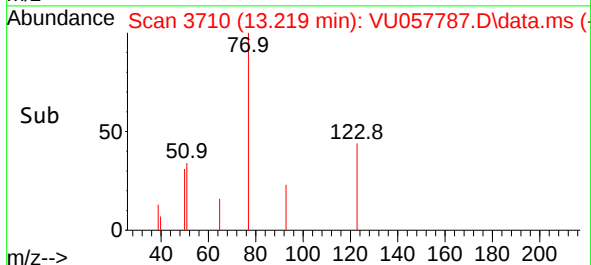
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024

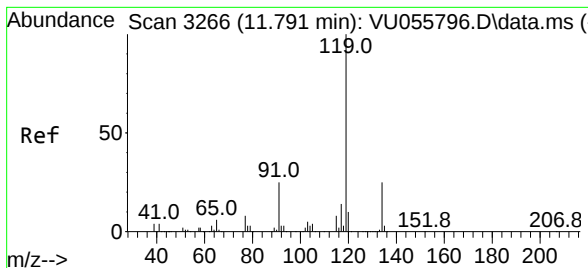


#80
 Nitrobenzene
 Concen: 10.884 ug/l
 RT: 13.219 min Scan# 3710
 Delta R.T. 0.013 min
 Lab File: VU057787.D
 Acq: 02 Feb 2024 11:14



Tgt Ion: 77 Resp: 2059
 Ion Ratio Lower Upper
 77 100
 123 31.6 19.7 69.7
 65 11.5 11.5 14.7#





#81

p-Isopropyltoluene

Concen: 1.906 ug/l

RT: 11.788 min Scan# 3265

Delta R.T. -0.003 min

Lab File: VU057787.D

Acq: 02 Feb 2024 11:14

Instrument :

MSVOA_U

ClientSampleId :

VU0202WBSD01

Tgt Ion:119 Resp: 88630

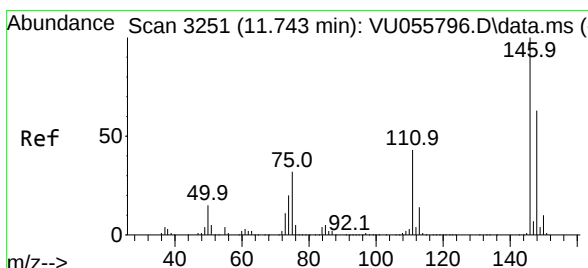
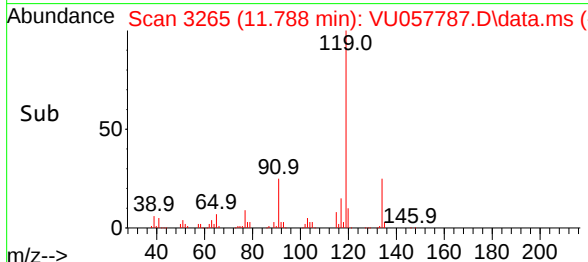
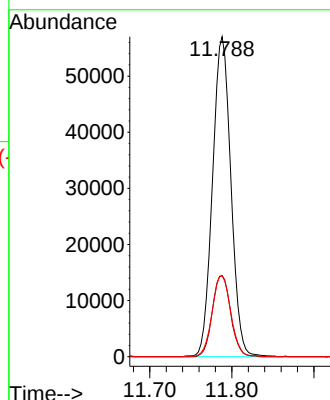
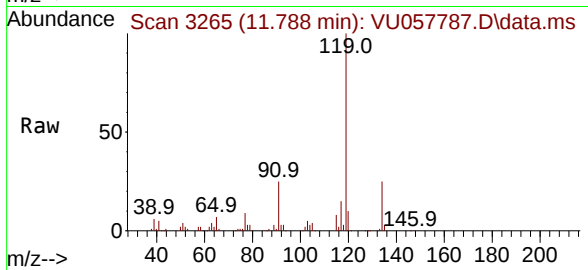
Ion	Ratio	Lower	Upper
119	100		
134	25.3	20.2	30.4
91	25.8	19.3	28.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#82

1,3-Dichlorobenzene

Concen: 1.890 ug/l

RT: 11.743 min Scan# 3251

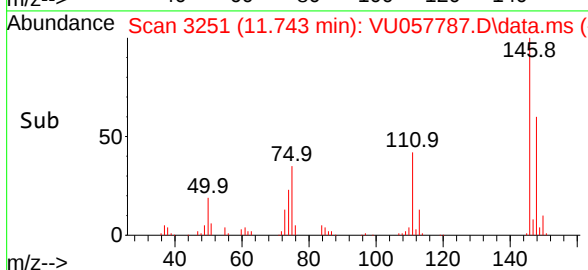
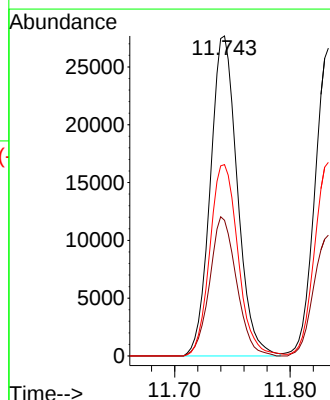
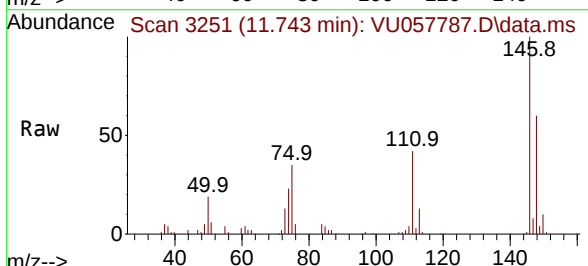
Delta R.T. 0.000 min

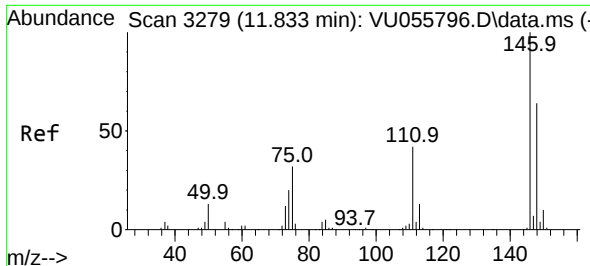
Lab File: VU057787.D

Acq: 02 Feb 2024 11:14

Tgt Ion:146 Resp: 44999

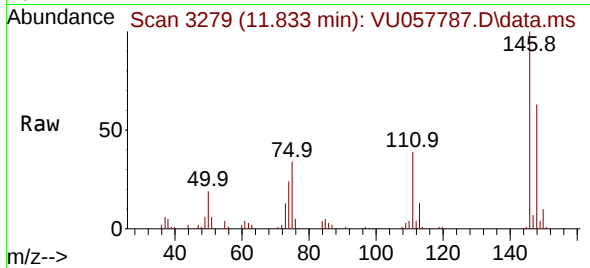
Ion	Ratio	Lower	Upper
146	100		
111	43.1	32.6	49.0
148	62.3	51.0	76.4





#83
1,4-Dichlorobenzene
Concen: 1.855 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

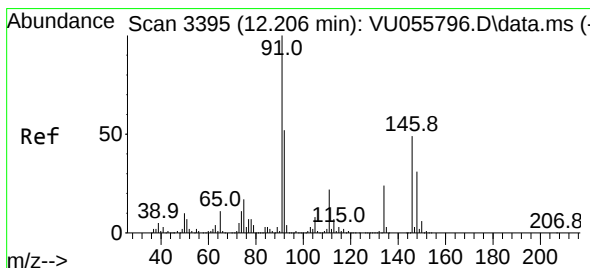
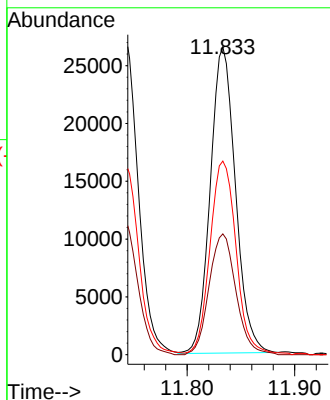
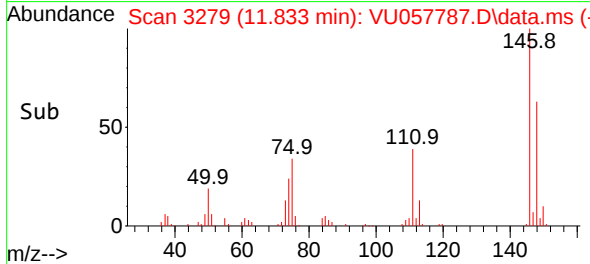
Instrument :
MSVOA_U
ClientSampleId :
VU0202WBSD01



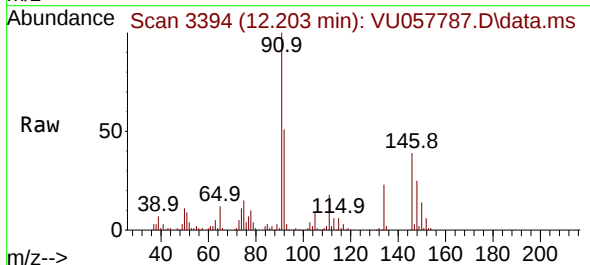
Tgt Ion:146 Resp: 4313
Ion Ratio Lower Upper
146 100
111 42.0 31.6 47.4
148 65.8 50.3 75.5

Manual Integrations
APPROVED

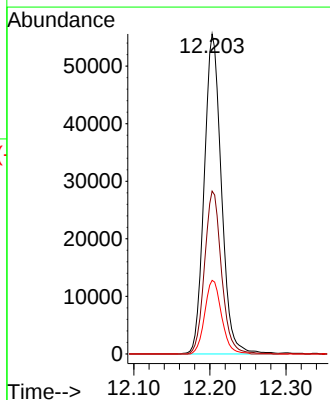
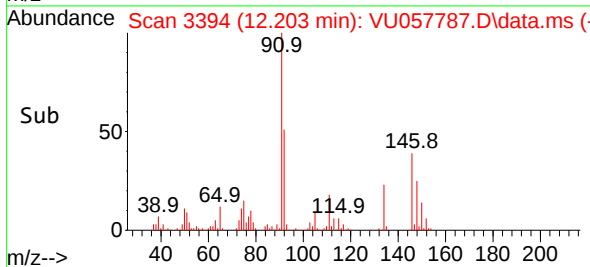
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

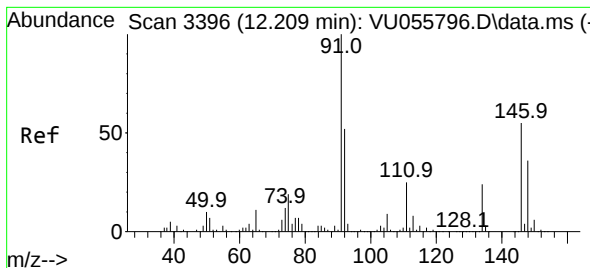


#84
n-Butylbenzene
Concen: 1.958 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. -0.003 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14



Tgt Ion: 91 Resp: 87059
Ion Ratio Lower Upper
91 100
92 50.3 40.8 61.2
134 22.6 18.4 27.6





#85

1,2-Dichlorobenzene

Concen: 1.906 ug/l

RT: 12.209 min Scan# 3396

Delta R.T. 0.000 min

Lab File: VU057787.D

Acq: 02 Feb 2024 11:14

Instrument :

MSVOA_U

ClientSampleId :

VU0202WBSD01

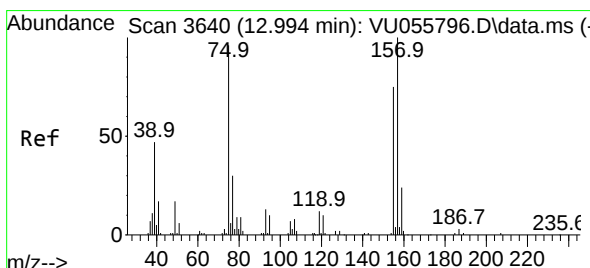
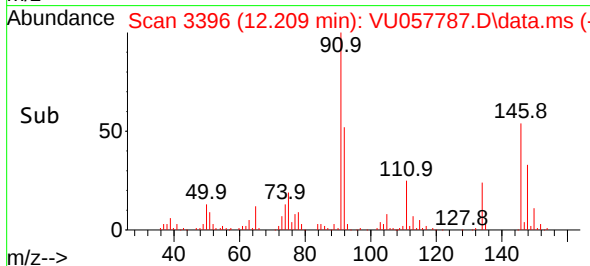
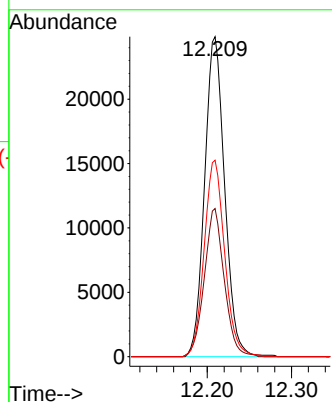
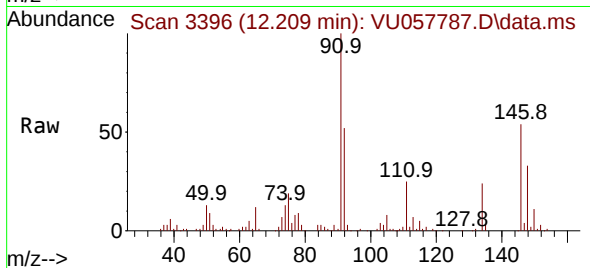
Tgt Ion:	146	Resp:	41179
Ion Ratio	Lower	Upper	
146	100		
111	46.0	21.6	64.6
148	62.8	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.992 ug/l

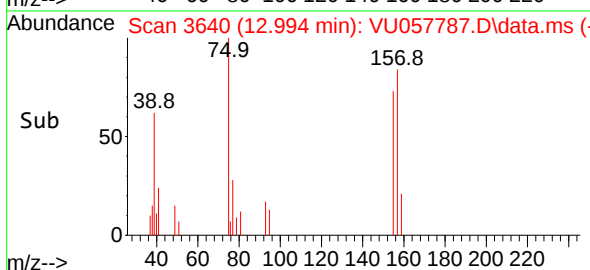
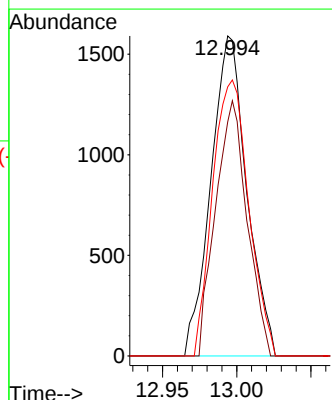
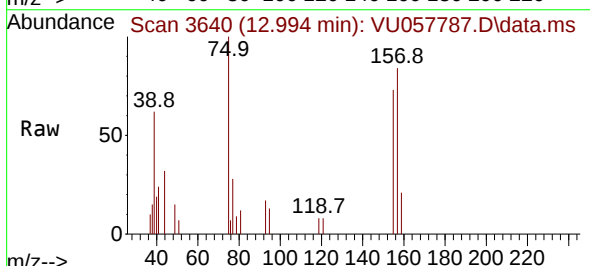
RT: 12.994 min Scan# 3640

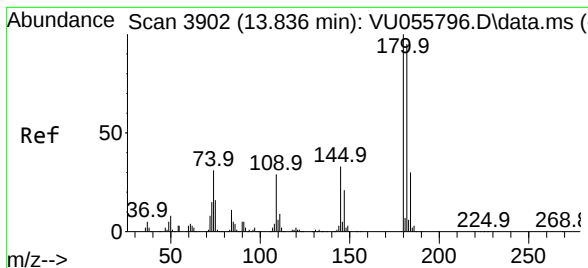
Delta R.T. -0.000 min

Lab File: VU057787.D

Acq: 02 Feb 2024 11:14

Tgt Ion:	75	Resp:	2674
Ion Ratio	Lower	Upper	
75	100		
155	70.0	61.8	92.8
157	86.8	80.2	120.4





#87

1,2,4-Trichlorobenzene

Concen: 1.989 ug/l

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU057787.D

Acq: 02 Feb 2024 11:14

Instrument :

MSVOA_U

ClientSampleId :

VU0202WBSD01

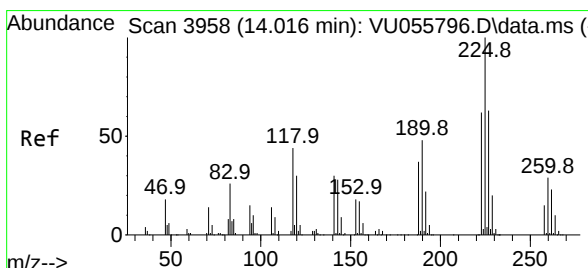
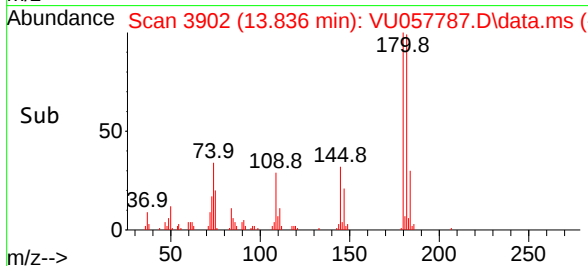
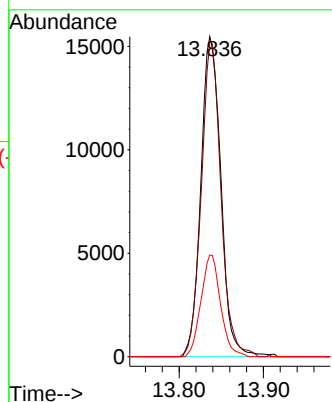
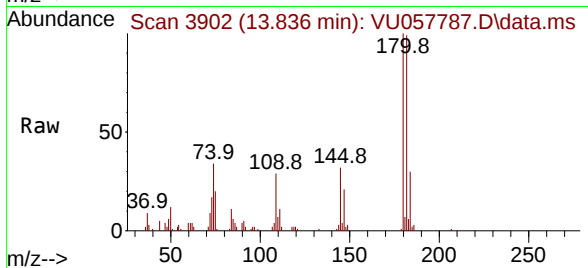
Tgt Ion:180	Resp:	25680
Ion Ratio	Lower	Upper
180	100	
182	96.2	75.8 113.6
145	30.9	23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#88

Hexachlorobutadiene

Concen: 1.903 ug/l

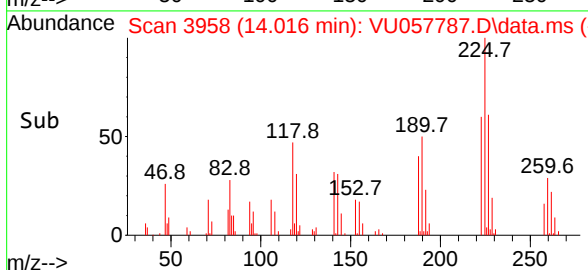
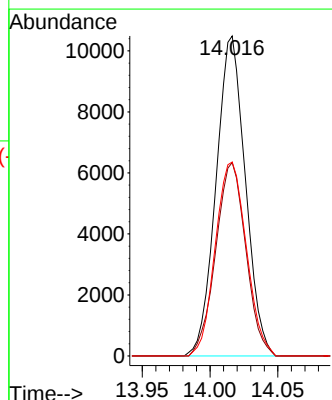
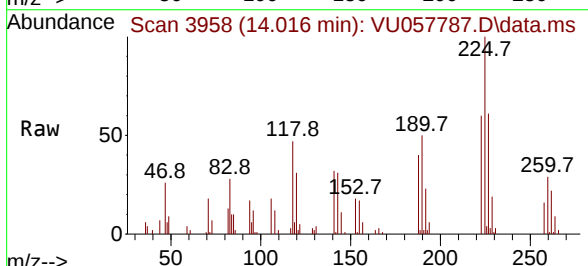
RT: 14.016 min Scan# 3958

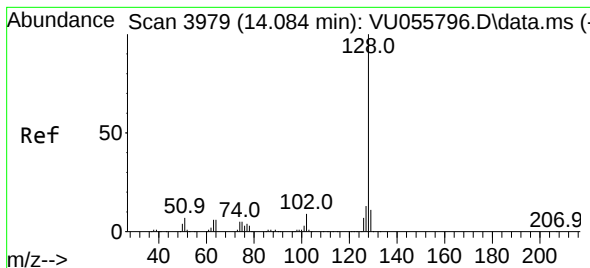
Delta R.T. 0.000 min

Lab File: VU057787.D

Acq: 02 Feb 2024 11:14

Tgt Ion:225	Resp:	15768
Ion Ratio	Lower	Upper
225	100	
223	62.0	50.2 75.4
227	64.2	51.5 77.3





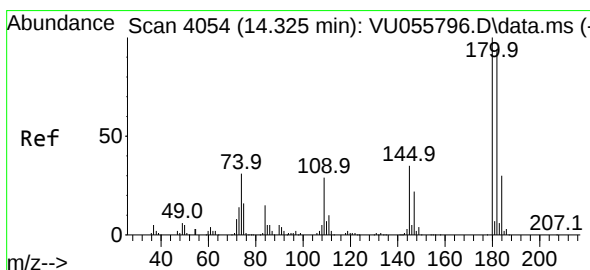
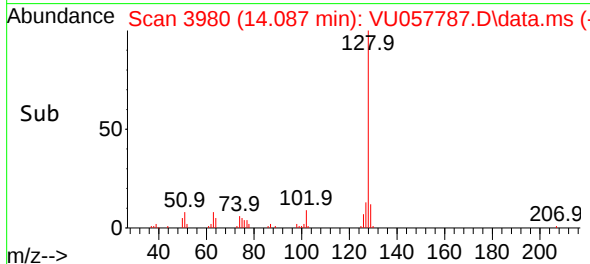
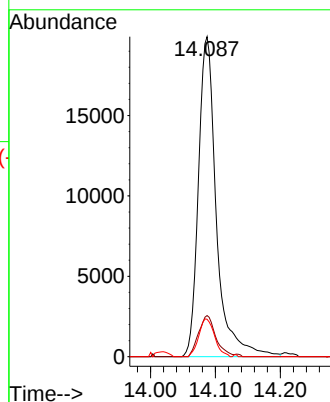
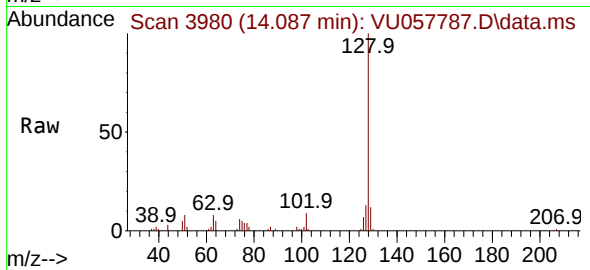
#89
Naphthalene
Concen: 1.925 ug/l
RT: 14.087 min Scan# 3979
Delta R.T. 0.003 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

Instrument :
MSVOA_U
ClientSampleId :
VU0202WBSD01

Tgt Ion:128 Resp: 3837
Ion Ratio Lower Upper
128 100
127 12.3 10.9 16.3
129 10.4 8.6 12.8

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



#90
1,2,3-Trichlorobenzene
Concen: 1.937 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU057787.D
Acq: 02 Feb 2024 11:14

Tgt Ion:180 Resp: 20803
Ion Ratio Lower Upper
180 100
182 95.2 75.7 113.5
145 32.9 26.1 39.1

