

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111221\
 Data File : VU045776.D
 Acq On : 12 Nov 2021 17:53
 Operator : SY/MD
 Sample : M4606-04MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MH-117T-20211109MSD

Quant Time: Nov 15 05:22:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/15/2021
 Supervised By : Mahesh Dadoda 11/16/2021

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

Internal Standards						
1) Pentafluorobenzene	5.379	168	102685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	180336	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	178596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	93169	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	71664	46.601	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.200%		
35) Dibromofluoromethane	5.292	113	55974	46.490	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.980%		
50) Toluene-d8	7.899	98	208762	46.629	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.260%		
62) 4-Bromofluorobenzene	10.636	95	81720	45.519	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	59966	45.041	ug/l	98
3) Chloromethane	1.520	50	68221	44.784	ug/l	98
4) Vinyl Chloride	1.604	62	71520	48.197	ug/l	98
5) Bromomethane	1.842	94	45290	54.720	ug/l	99
6) Chloroethane	1.925	64	43003	44.406	ug/l	98
7) Trichlorofluoromethane	2.134	101	97251	49.561	ug/l	99
8) Diethyl Ether	2.379	74	38923	50.111	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.578	101	56324	49.157	ug/l	96
10) Methyl Iodide	2.723	142	56771	37.862	ug/l	92
11) Tert butyl alcohol	3.179	59	89591	294.334	ug/l	99
12) 1,1-Dichloroethene	2.578	96	54133	47.918	ug/l	98
13) Acrolein	2.485	56	12489	283.137	ug/l	100
14) Allyl chloride	2.922	41	100368	49.756	ug/l	96
15) Acrylonitrile	3.311	53	222893	274.270	ug/l	98
16) Acetone	2.623	43	174348	222.715	ug/l	98
17) Carbon Disulfide	2.794	76	133322	42.133	ug/l	99
18) Methyl Acetate	2.948	43	135820	50.939	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	211445	51.996	ug/l	98
20) Methylene Chloride	3.044	84	67391	49.544	ug/l	99
21) trans-1,2-Dichloroethene	3.353	96	59427	50.564	ug/l	97
22) Diisopropyl ether	3.996	45	208206	52.567	ug/l	91
23) Vinyl Acetate	3.957	43	782817	256.974	ug/l	99
24) 1,1-Dichloroethane	3.871	63	121663	51.547	ug/l	100
25) 2-Butanone	4.700	43	289452	266.591	ug/l	99
26) 2,2-Dichloropropane	4.668	77	93713	47.915	ug/l	100
27) cis-1,2-Dichloroethene	4.668	96	73214	53.038	ug/l	99
28) Bromochloromethane	4.977	49	60156	53.461	ug/l	95
29) Tetrahydrofuran	5.051	42	181595	273.430	ug/l	98
30) Chloroform	5.093	83	122529	52.491	ug/l	100
31) Cyclohexane	5.392	56	101298	45.145	ug/l	99
32) 1,1,1-Trichloroethane	5.321	97	104981	52.738	ug/l	98
36) 1,1-Dichloropropene	5.527	75	85938	48.873	ug/l	100
37) Ethyl Acetate	4.803	43	101998	50.496	ug/l	97
38) Carbon Tetrachloride	5.527	117	90194	50.877	ug/l	99
39) Methylcyclohexane	6.764	83	101539	47.069	ug/l	97
40) Benzene	5.777	78	261105	50.154	ug/l	98

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Quant Time: Nov 15 05:22:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.974	41	58150	54.476	ug/l	98
42) 1,2-Dichloroethane	5.797	62	97107	51.640	ug/l	100
43) Isopropyl Acetate	5.912	43	156913	50.789	ug/l	98
44) Trichloroethene	6.543	130	76470	61.365	ug/l	98
45) 1,2-Dichloropropane	6.793	63	73525	53.375	ug/l	98
46) Dibromomethane	6.919	93	49707	52.079	ug/l	99
47) Bromodichloromethane	7.108	83	97718	53.957	ug/l	97
48) Methyl methacrylate	6.961	41	75294	52.949	ug/l	97
49) 1,4-Dioxane	6.961	88	43422	1187.383	ug/l #	94
51) 4-Methyl-2-Pentanone	7.793	43	554953	272.298	ug/l	100
52) Toluene	7.970	92	165381	51.888	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	105176	50.532	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	111465	50.420	ug/l	95
55) 1,1,2-Trichloroethane	8.401	97	70717	53.535	ug/l	99
56) Ethyl methacrylate	8.334	69	109854	46.541	ug/l	97
57) 1,3-Dichloropropane	8.578	76	124616	52.378	ug/l	100
59) 2-Hexanone	8.684	43	424781	239.850	ug/l	99
60) Dibromochloromethane	8.813	129	74800	54.380	ug/l	100
61) 1,2-Dibromoethane	8.925	107	73657	51.990	ug/l	99
64) Tetrachloroethene	8.555	164	54709	53.371	ug/l	95
65) Chlorobenzene	9.449	112	175514	50.031	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.536	131	64148	51.271	ug/l	99
67) Ethyl Benzene	9.571	91	317515	50.541	ug/l	100
68) m/p-Xylenes	9.697	106	244036	103.000	ug/l	100
69) o-Xylene	10.102	106	120825	52.454	ug/l	98
70) Styrene	10.115	104	206667	53.034	ug/l	98
71) Bromoform	10.292	173	55541	47.092	ug/l #	99
73) Isopropylbenzene	10.488	105	315352	51.802	ug/l	99
74) N-amyl acetate	10.321	43	128960	46.959	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.784	83	123752	51.309	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	122741m	43.442	ug/l	
77) Bromobenzene	10.784	156	75269	50.926	ug/l	95
78) n-propylbenzene	10.909	91	382396	50.471	ug/l	99
79) 2-Chlorotoluene	10.989	91	227910	50.915	ug/l	98
80) 1,3,5-Trimethylbenzene	11.089	105	272236	51.184	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	34899	41.034	ug/l	97
82) 4-Chlorotoluene	11.099	91	264978	50.475	ug/l	99
83) tert-Butylbenzene	11.423	119	263507	51.972	ug/l	98
84) 1,2,4-Trimethylbenzene	11.468	105	273765	51.789	ug/l	100
85) sec-Butylbenzene	11.645	105	341028	50.716	ug/l	99
86) p-Isopropyltoluene	11.796	119	283924	50.529	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	144969	48.612	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	147877	49.029	ug/l	99
89) n-Butylbenzene	12.211	91	259370	47.918	ug/l	99
90) Hexachloroethane	12.478	117	47996	47.349	ug/l	98
91) 1,2-Dichlorobenzene	12.214	146	146914	50.636	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	28674	50.384	ug/l	97
93) 1,2,4-Trichlorobenzene	13.841	180	93895	46.805	ug/l	97
94) Hexachlorobutadiene	14.025	225	38366	44.305	ug/l	99
95) Naphthalene	14.089	128	361147	47.930	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	100555	50.464	ug/l	99

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Response via : Initial Calibration

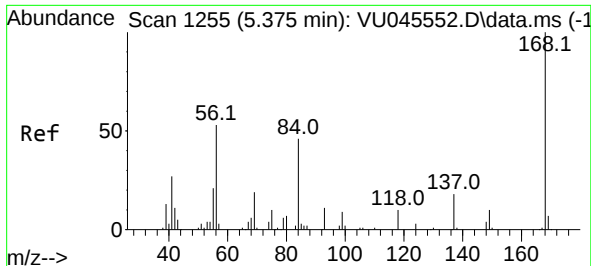
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MSD

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APPROVED

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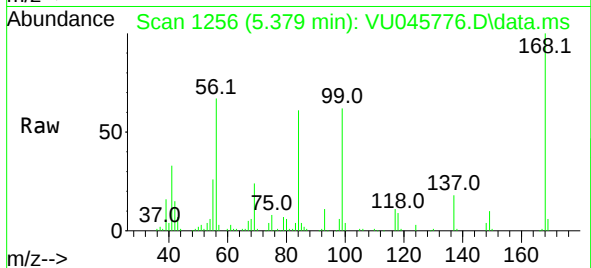
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045776.D
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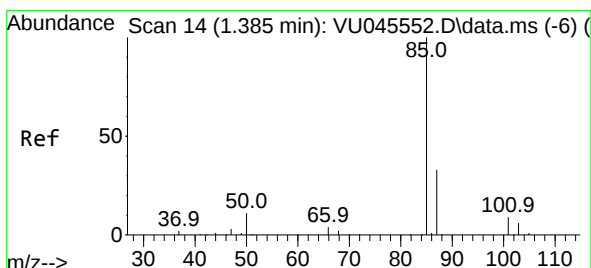
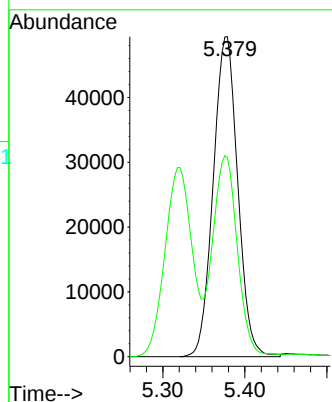
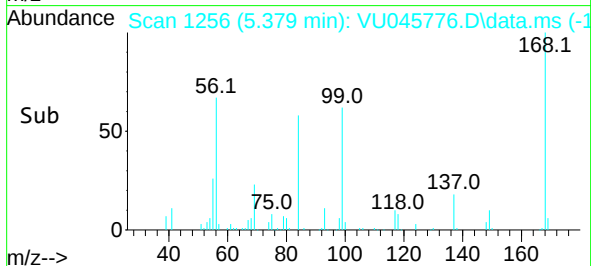
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MSD



Tgt Ion:168 Resp: 10268
Ion Ratio Lower Upper
168 100
99 61.6 51.0 76.6

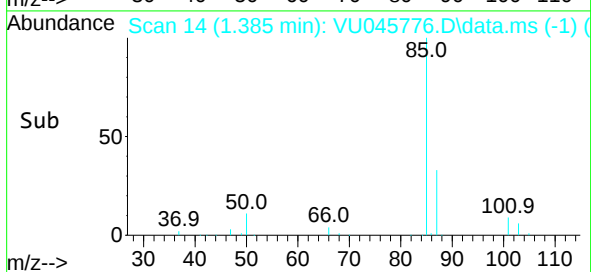
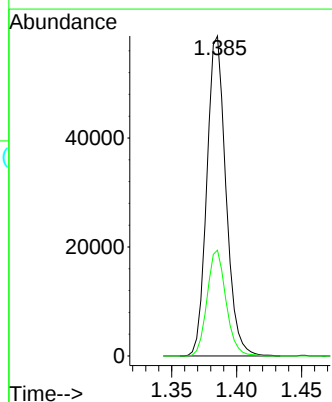
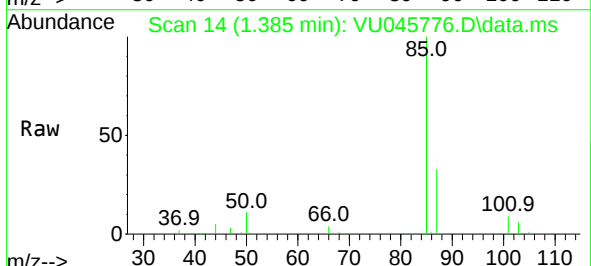
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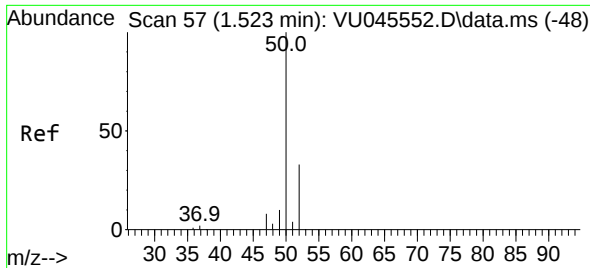
Reviewed By :John Carlone 11/15/2021
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#2
Dichlorodifluoromethane
Concen: 45.041 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

Tgt Ion: 85 Resp: 59966
Ion Ratio Lower Upper
85 100
87 33.1 15.9 47.7





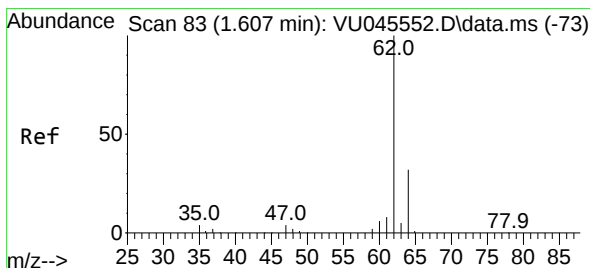
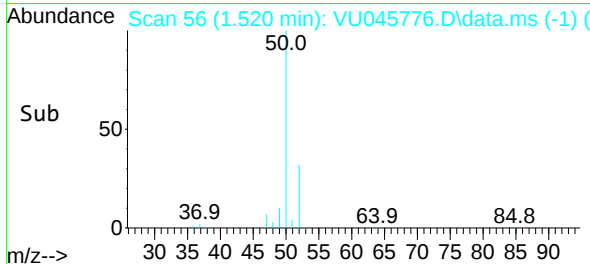
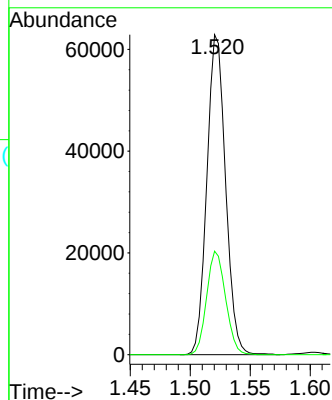
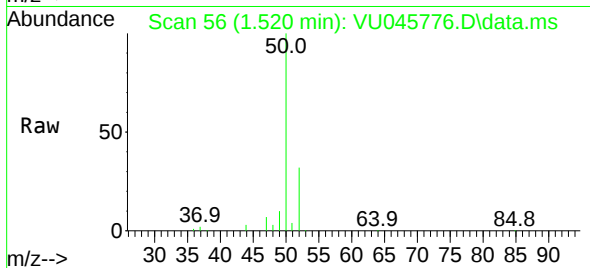
#3
Chloromethane
Concen: 44.784 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

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ClientSampleId :
MH-117T-20211109MSD

Tgt Ion: 50 Resp: 6822
Ion Ratio Lower Upper
50 100
52 32.4 26.6 40.0

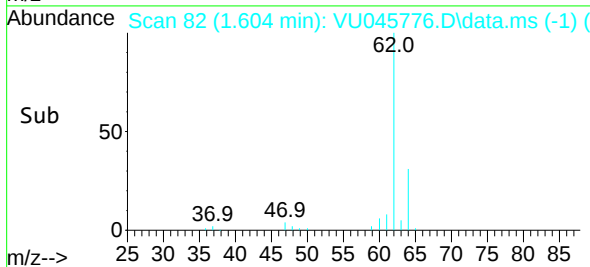
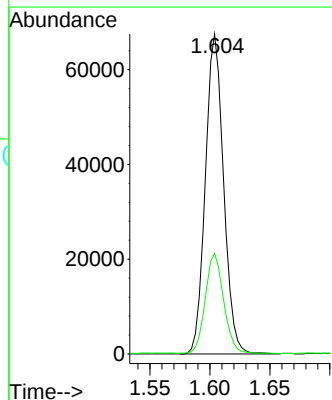
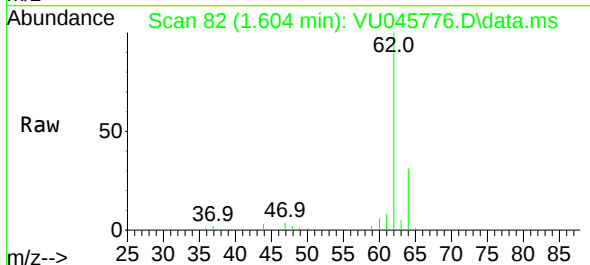
Manual Integrations
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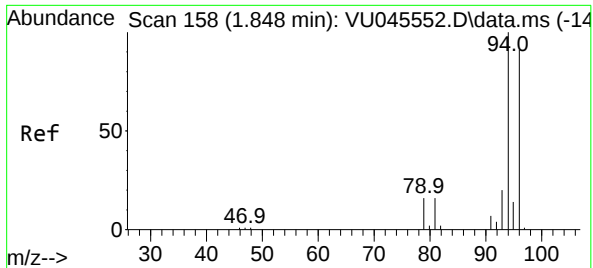
Reviewed By :John Carlone 11/15/2021
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#4
Vinyl Chloride
Concen: 48.197 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

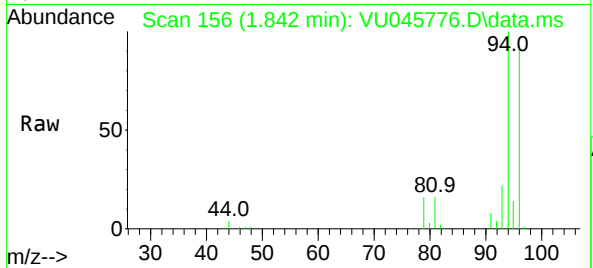
Tgt Ion: 62 Resp: 71520
Ion Ratio Lower Upper
62 100
64 31.2 25.8 38.6





#5
Bromomethane
Concen: 54.720 ug/l
RT: 1.842 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

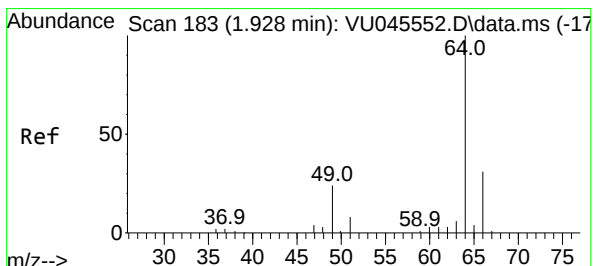
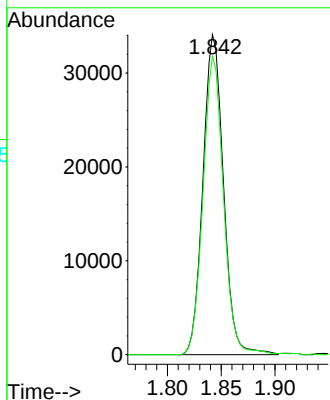
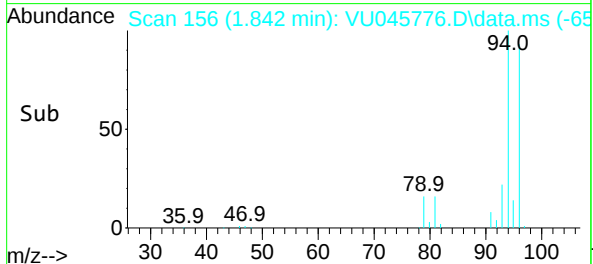
Instrument :
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Tgt Ion: 94 Resp: 45290
Ion Ratio Lower Upper
94 100
96 93.3 75.4 113.2

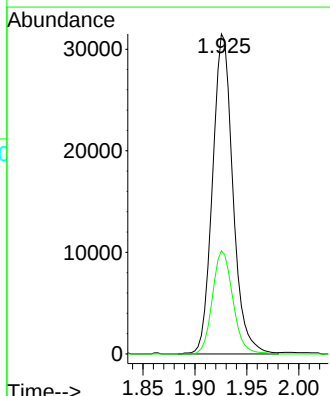
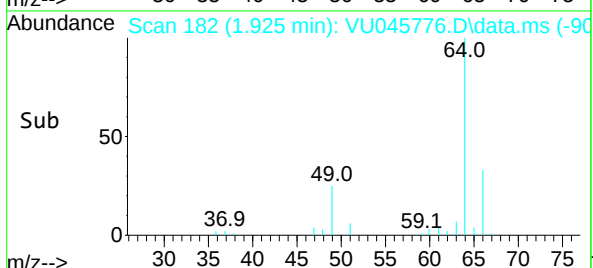
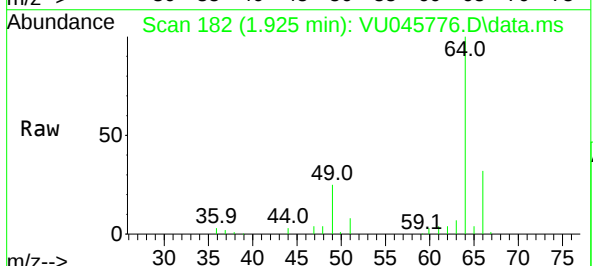
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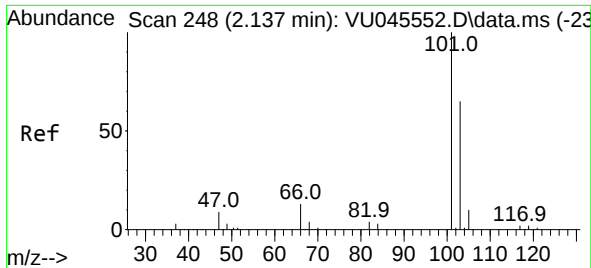
Reviewed By :John Carlone 11/15/2021
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#6
Chloroethane
Concen: 44.406 ug/l
RT: 1.925 min Scan# 182
Delta R.T. -0.003 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

Tgt Ion: 64 Resp: 43003
Ion Ratio Lower Upper
64 100
66 32.3 26.7 40.1





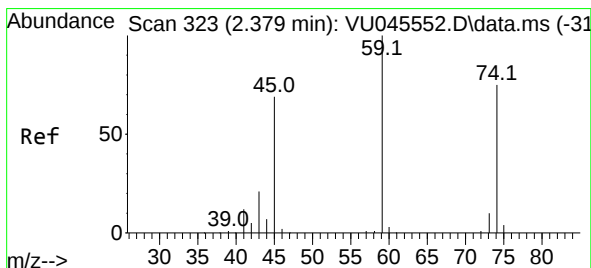
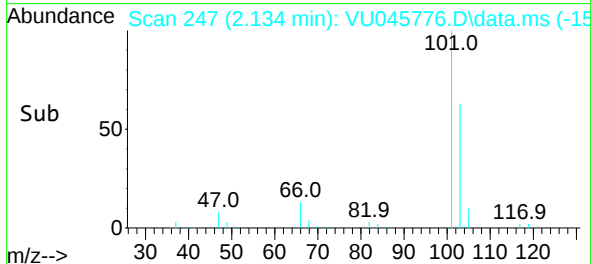
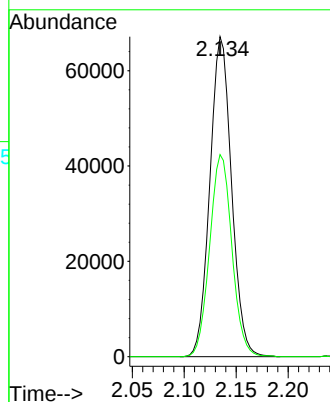
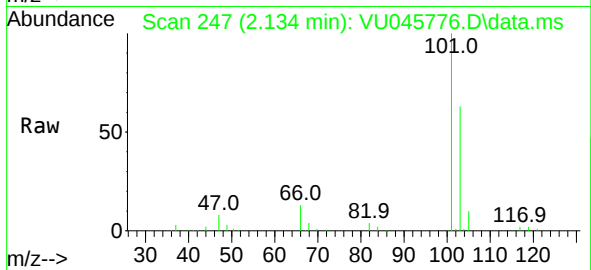
#7
Trichlorofluoromethane
Concen: 49.561 ug/l
RT: 2.134 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MSD

Tgt Ion:101 Resp: 9725
Ion Ratio Lower Upper
101 100
103 63.1 51.4 77.0

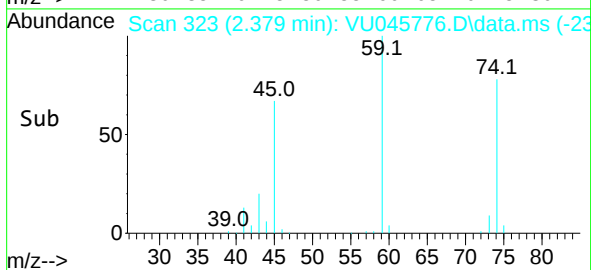
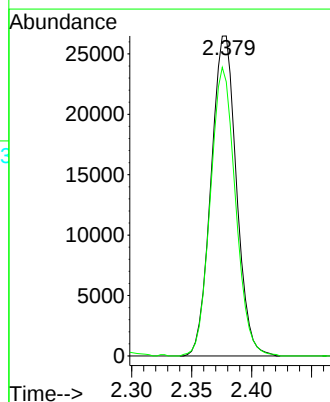
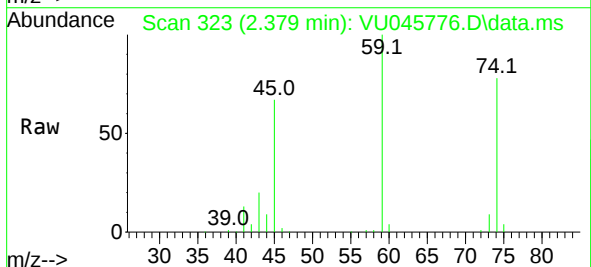
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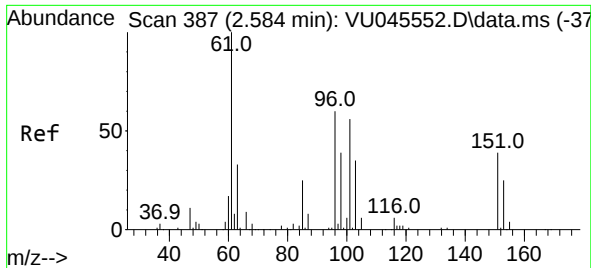
Reviewed By :John Carlone 11/15/2021
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#8
Diethyl Ether
Concen: 50.111 ug/l
RT: 2.379 min Scan# 323
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

Tgt Ion: 74 Resp: 38923
Ion Ratio Lower Upper
74 100
45 89.2 47.3 141.8





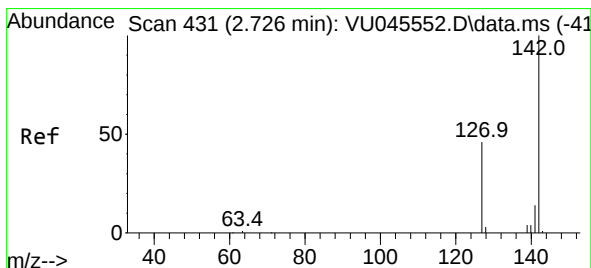
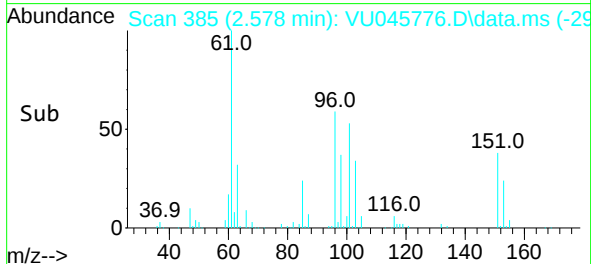
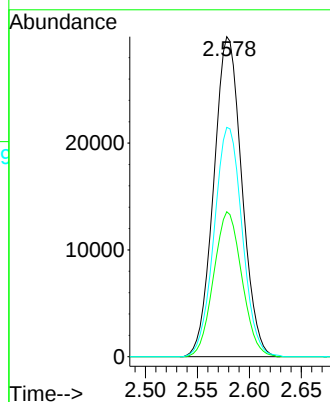
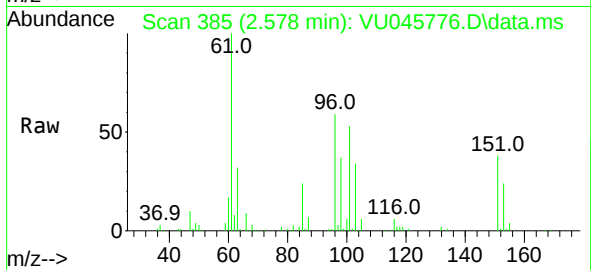
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.157 ug/l
RT: 2.578 min Scan# 31
Delta R.T. -0.006 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MSD

Tgt Ion:101 Resp: 56324
Ion Ratio Lower Upper
101 100
85 45.5 35.0 52.4
151 71.9 54.6 82.0

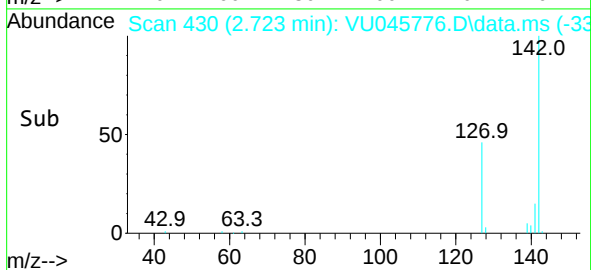
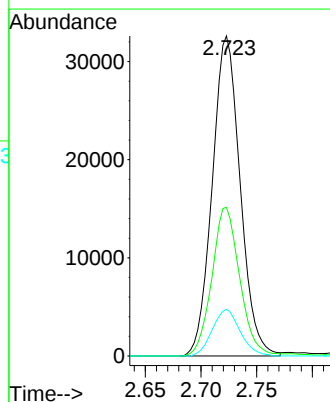
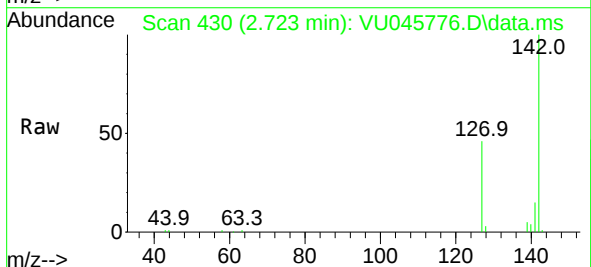
Manual Integrations
APPROVED

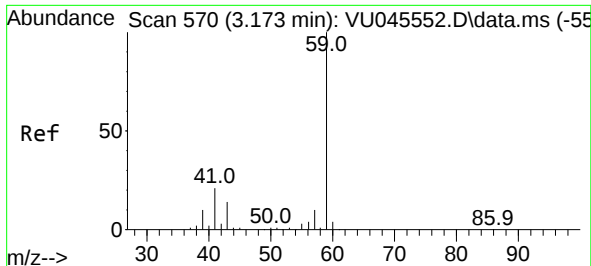
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#10
Methyl Iodide
Concen: 37.862 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.003 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

Tgt Ion:142 Resp: 56771
Ion Ratio Lower Upper
142 100
127 46.3 32.2 48.2
141 14.5 11.3 16.9





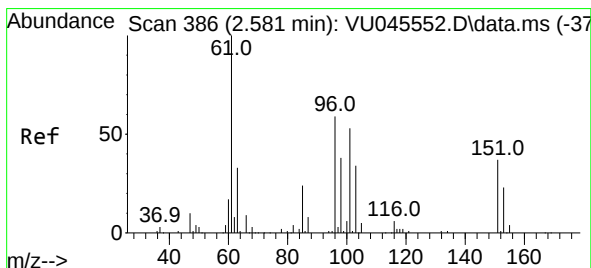
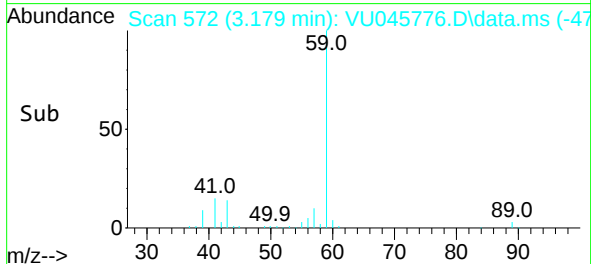
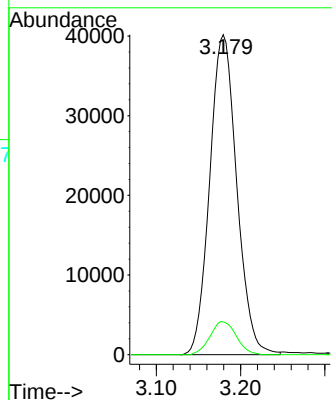
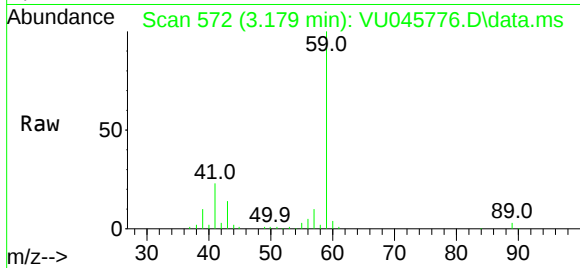
#11
Tert butyl alcohol
Concen: 294.334 ug/l
RT: 3.179 min Scan# 51
Delta R.T. 0.007 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MSD

Tgt Ion: 59 Resp: 8959
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

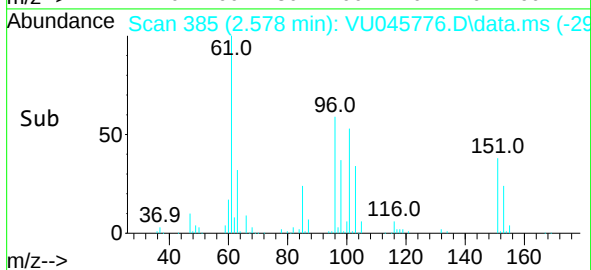
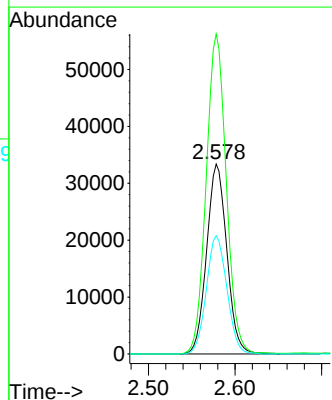
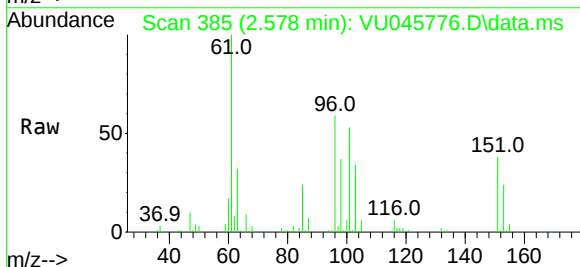
Manual Integrations
APPROVED

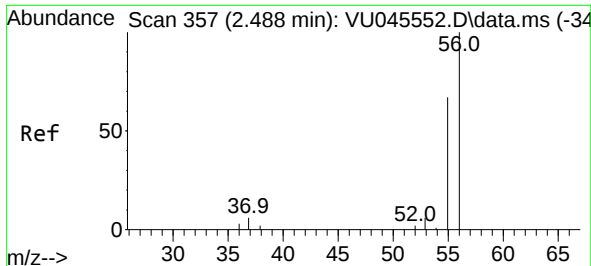
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#12
1,1-Dichloroethene
Concen: 47.918 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

Tgt Ion: 96 Resp: 54133
Ion Ratio Lower Upper
96 100
61 168.5 137.1 205.7
98 62.2 51.5 77.3





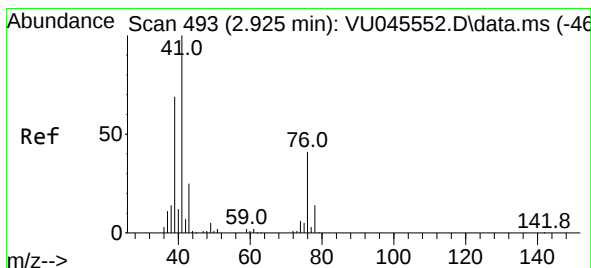
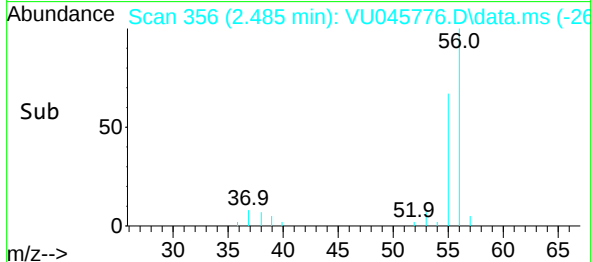
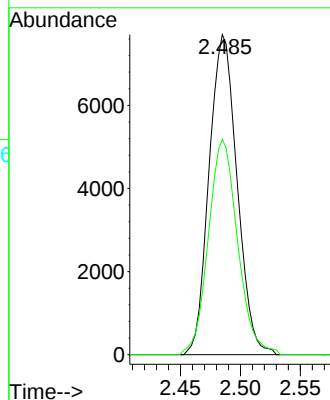
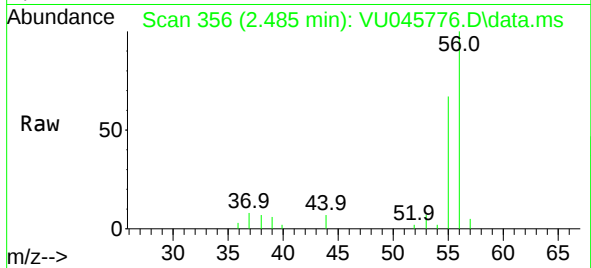
#13
Acrolein
Concen: 283.137 ug/l
RT: 2.485 min Scan# 357
Delta R.T. -0.003 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MSD

Tgt Ion: 56 Resp: 12489
Ion Ratio Lower Upper
56 100
55 70.3 56.3 84.5

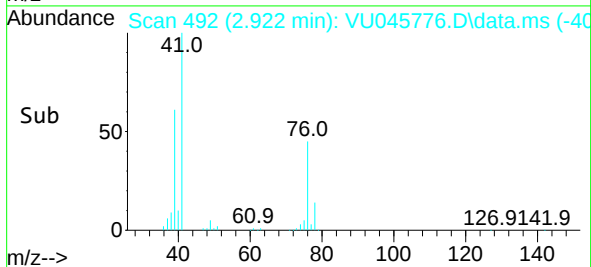
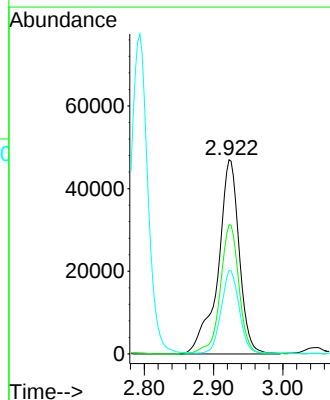
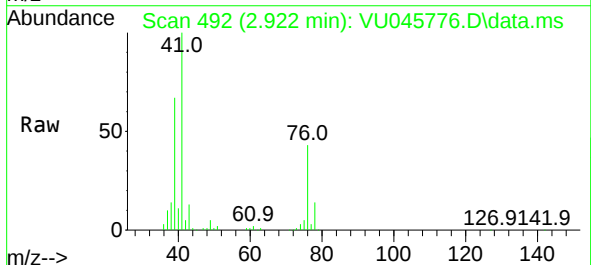
Manual Integrations
APPROVED

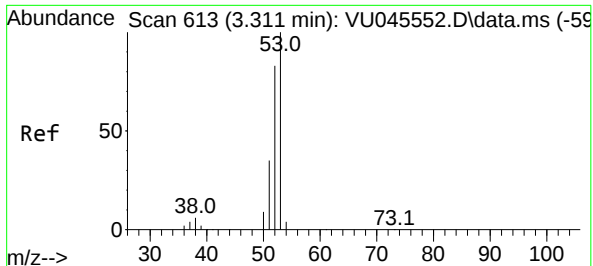
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#14
Allyl chloride
Concen: 49.756 ug/l
RT: 2.922 min Scan# 492
Delta R.T. -0.003 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

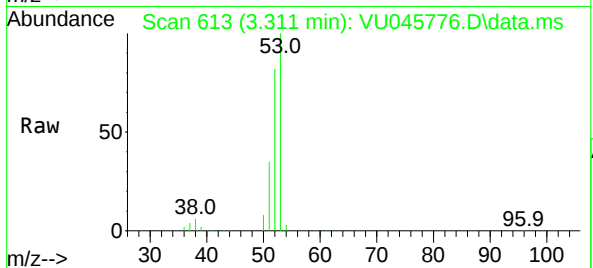
Tgt Ion: 41 Resp: 100368
Ion Ratio Lower Upper
41 100
39 58.5 49.7 74.5
76 35.5 27.7 41.5





#15
Acrylonitrile
Concen: 274.270 ug/l
RT: 3.311 min Scan# 613
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

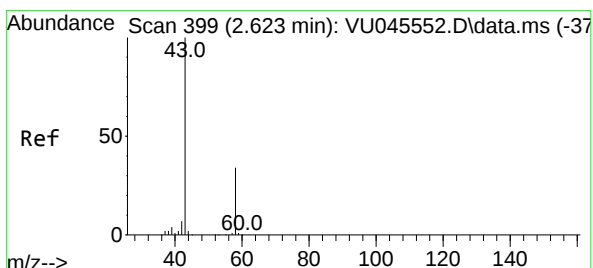
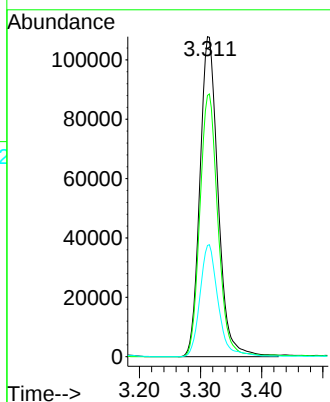
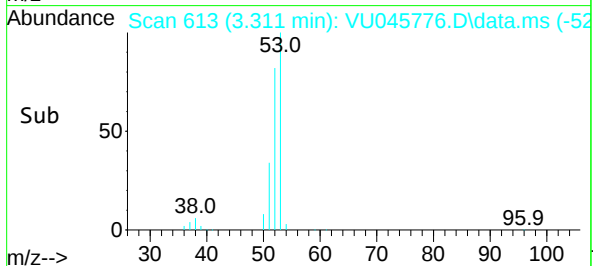
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MSD



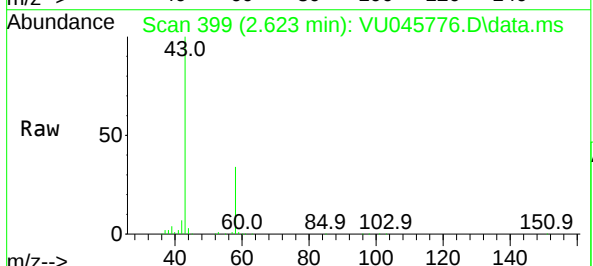
Tgt Ion: 53 Resp: 222893
Ion Ratio Lower Upper
53 100
52 81.3 66.6 100.0
51 35.1 28.4 42.6

Manual Integrations
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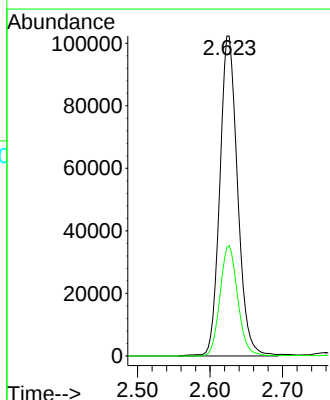
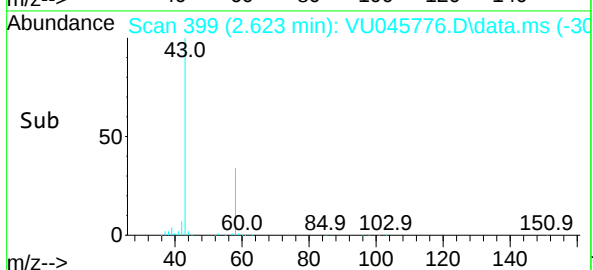
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

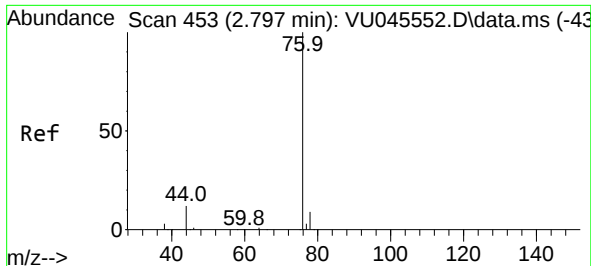


#16
Acetone
Concen: 222.715 ug/l
RT: 2.623 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53



Tgt Ion: 43 Resp: 174348
Ion Ratio Lower Upper
43 100
58 33.9 26.2 39.2





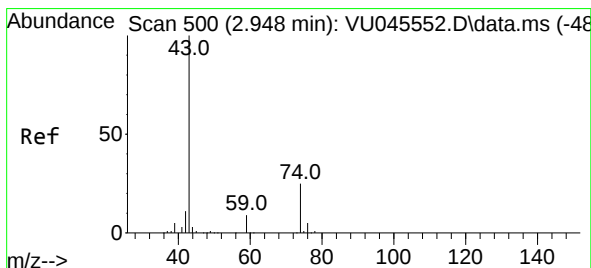
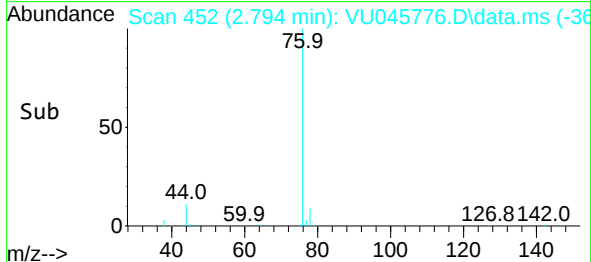
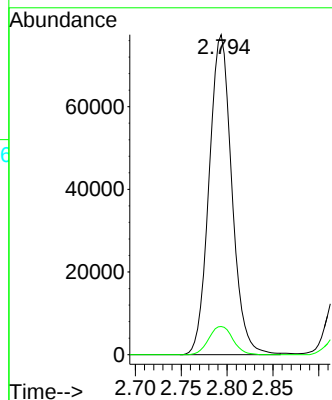
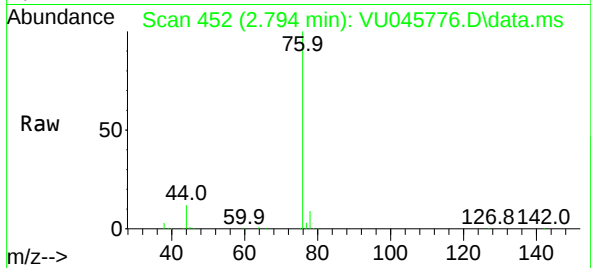
#17
Carbon Disulfide
Concen: 42.133 ug/l
RT: 2.794 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MSD

Tgt Ion: 76 Resp: 13332
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9

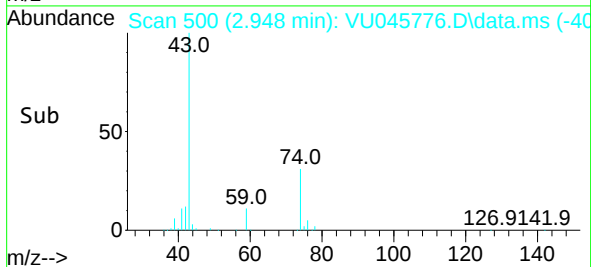
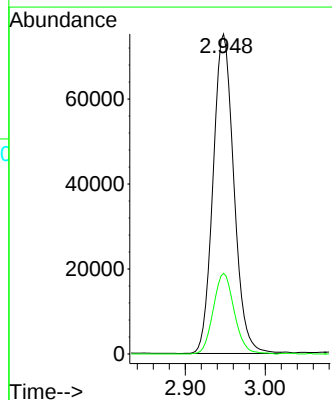
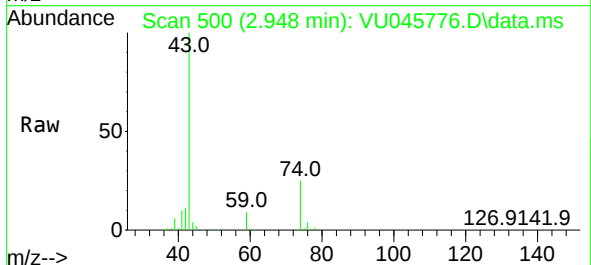
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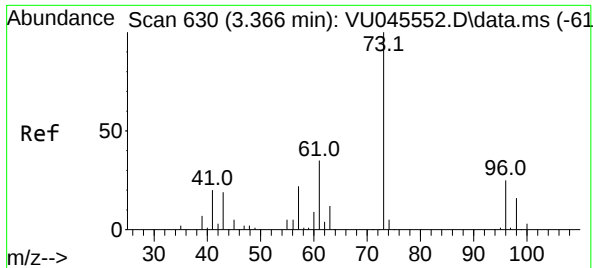
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#18
Methyl Acetate
Concen: 50.939 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

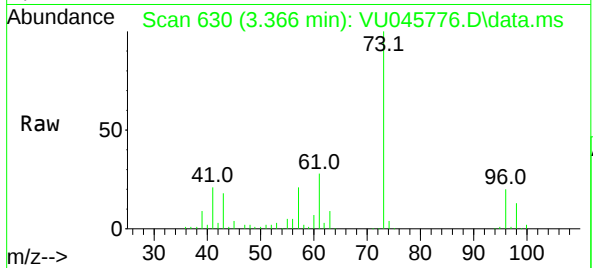
Tgt Ion: 43 Resp: 135820
Ion Ratio Lower Upper
43 100
74 25.5 20.2 30.2





#19
Methyl tert-butyl Ether
Concen: 51.996 ug/l
RT: 3.366 min Scan# 611
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

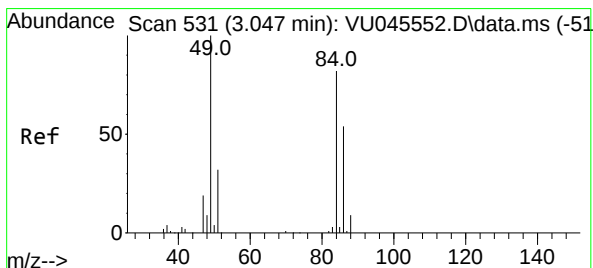
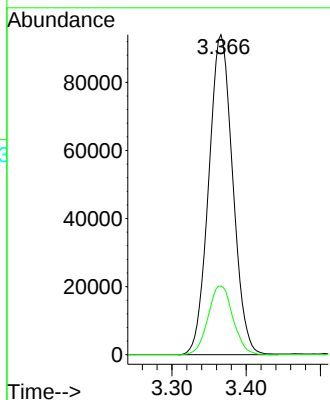
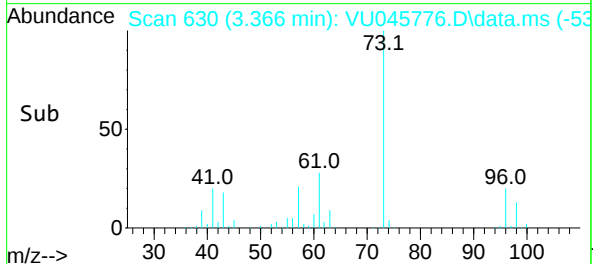
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MSD



Tgt Ion: 73 Resp: 21144
Ion Ratio Lower Upper
73 100
57 21.4 18.1 27.1

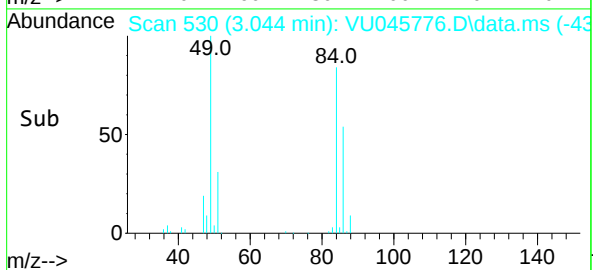
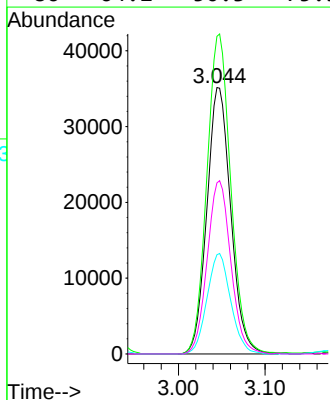
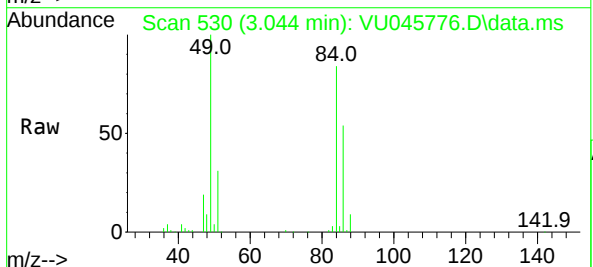
Manual Integrations
APPROVED

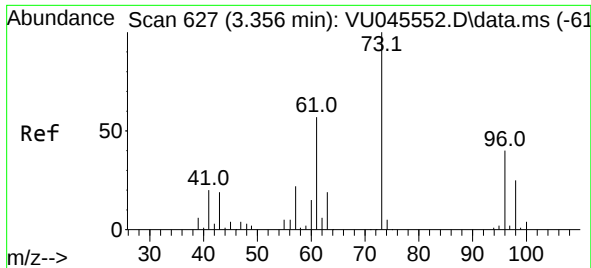
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#20
Methylene Chloride
Concen: 49.544 ug/l
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

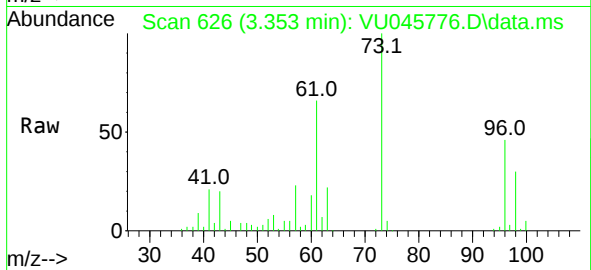
Tgt Ion: 84 Resp: 67391
Ion Ratio Lower Upper
84 100
49 119.2 96.4 144.6
51 37.3 30.5 45.7
86 64.2 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 50.564 ug/l
RT: 3.353 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

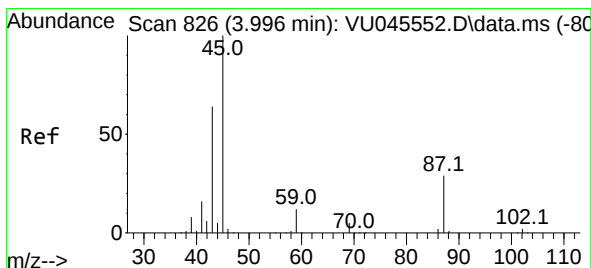
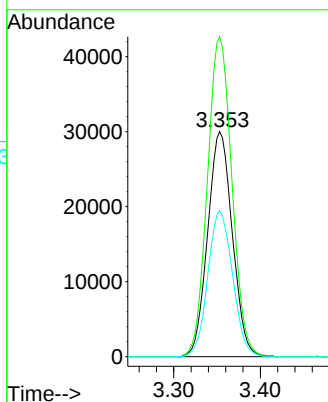
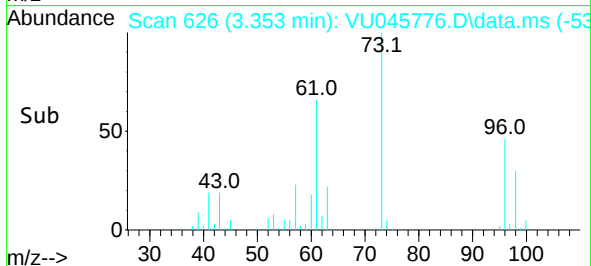
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MSD



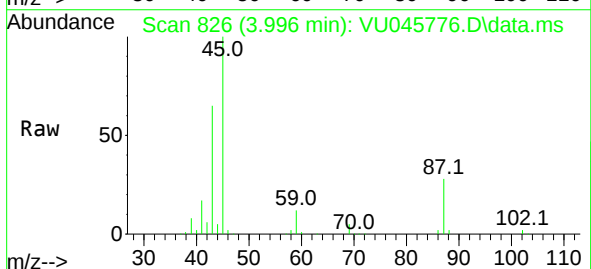
Tgt Ion: 96 Resp: 5942
Ion Ratio Lower Upper
96 100
61 142.1 118.2 177.4
98 64.8 52.1 78.1

Manual Integrations
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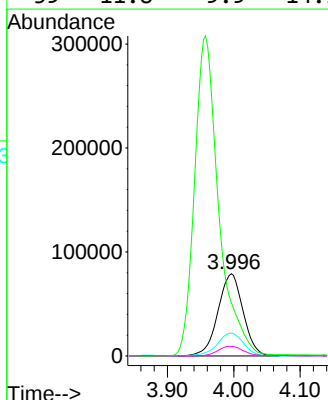
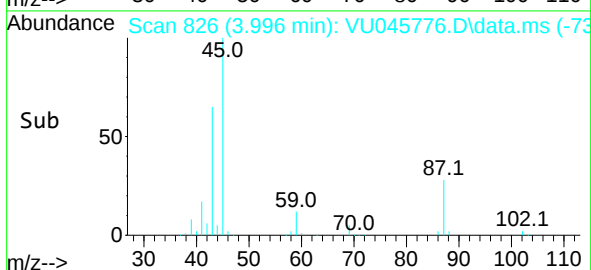
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

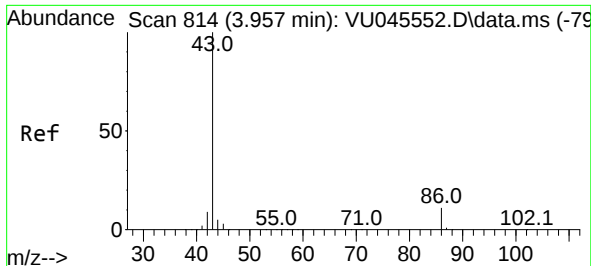


#22
Diisopropyl ether
Concen: 52.567 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53



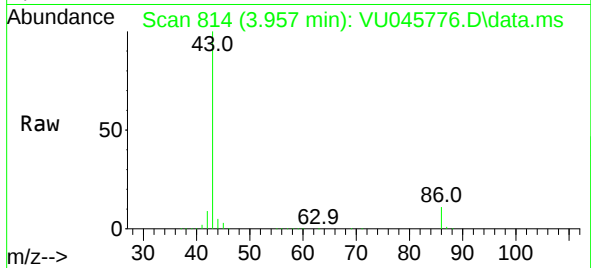
Tgt Ion: 45 Resp: 208206
Ion Ratio Lower Upper
45 100
43 63.3 60.0 90.0
87 27.9 22.3 33.5
59 11.8 9.9 14.9





#23
 Vinyl Acetate
 Concen: 256.974 ug/l
 RT: 3.957 min Scan# 814
 Delta R.T. 0.000 min
 Lab File: VU045776.D
 Acq: 12 Nov 2021 17:53

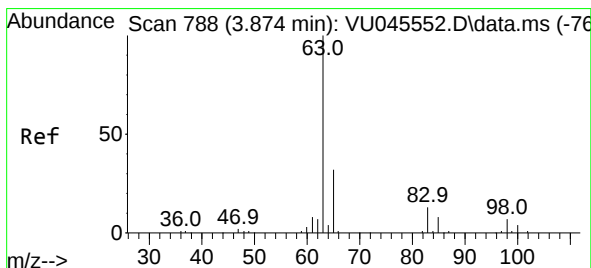
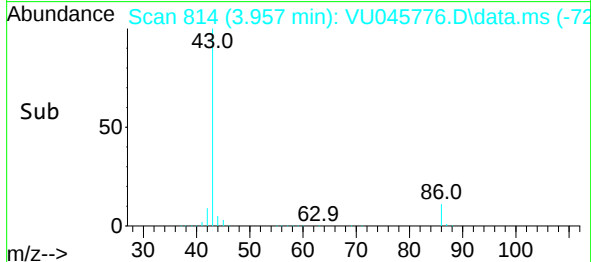
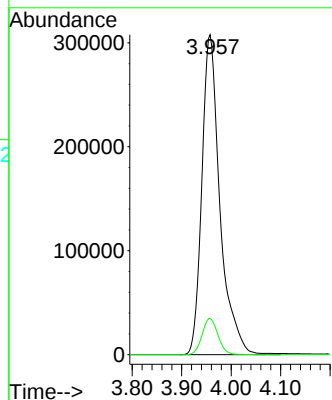
Instrument :
 MSVOA_U
 ClientSampleId :
 MH-117T-20211109MSD



Tgt Ion: 43 Resp: 78281
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.9 13.3

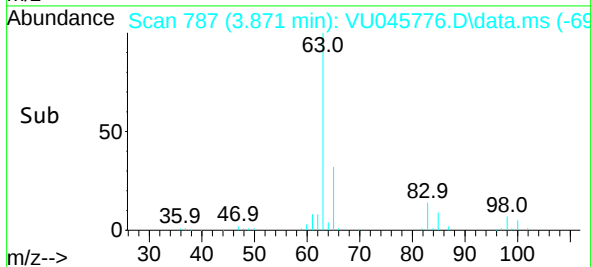
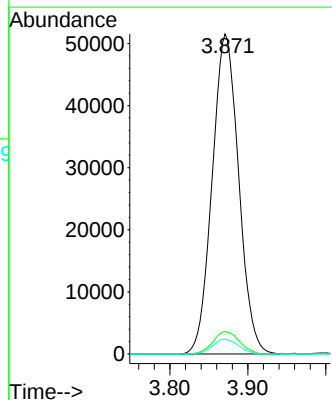
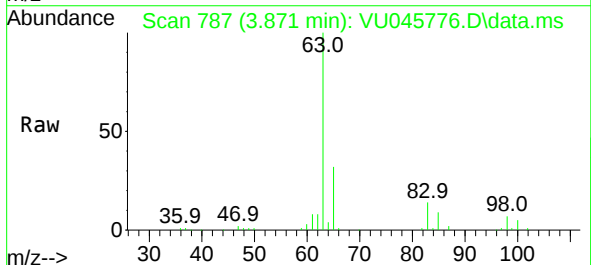
Manual Integrations
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Reviewed By :John Carlone 11/15/2021
 Supervised By :Mahesh Dadoda 11/16/2021



#24
 1,1-Dichloroethane
 Concen: 51.547 ug/l
 RT: 3.871 min Scan# 787
 Delta R.T. -0.003 min
 Lab File: VU045776.D
 Acq: 12 Nov 2021 17:53

Tgt Ion: 63 Resp: 121663
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.6
 100 4.5 2.4 7.2





#25

2-Butanone

Concen: 266.591 ug/l

RT: 4.700 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

Instrument :

MSVOA_U

ClientSampleId :

MH-117T-20211109MSD

Tgt Ion: 43 Resp: 28945

Ion Ratio Lower Upper

43 100

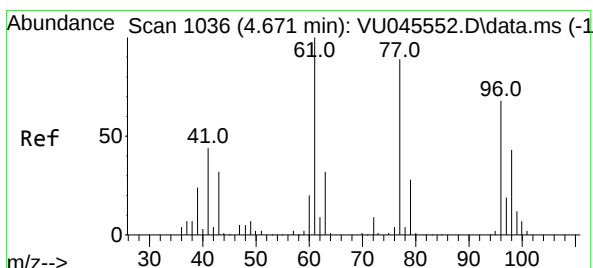
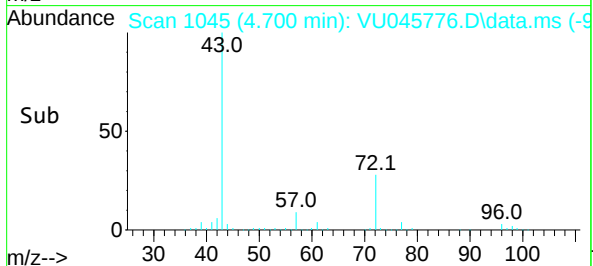
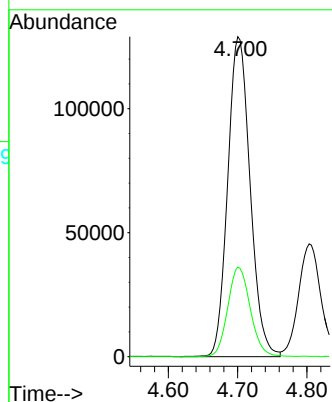
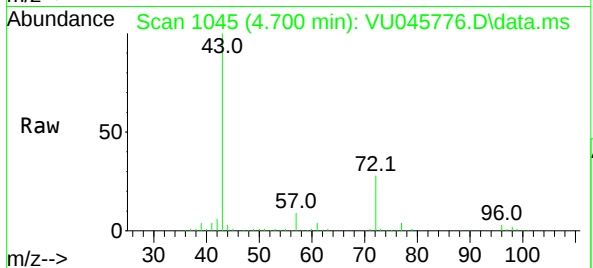
72 28.0 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#26

2,2-Dichloropropane

Concen: 47.915 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU045776.D

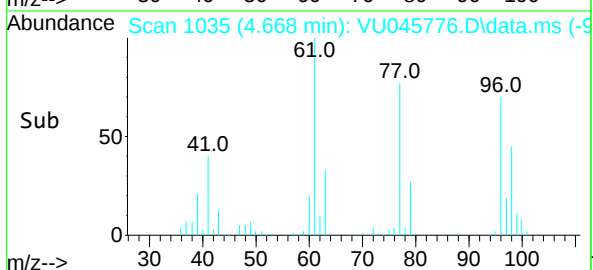
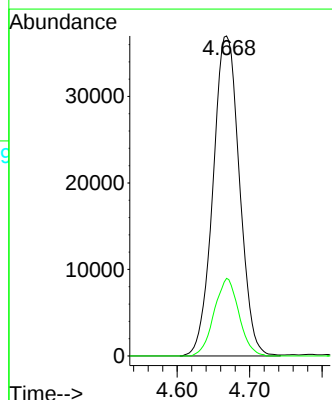
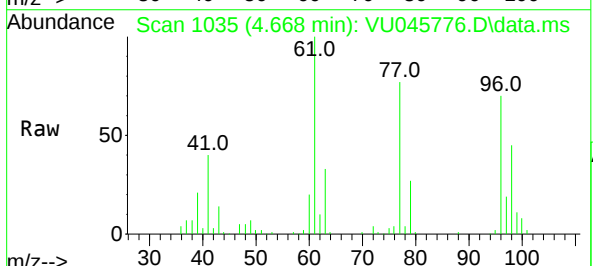
Acq: 12 Nov 2021 17:53

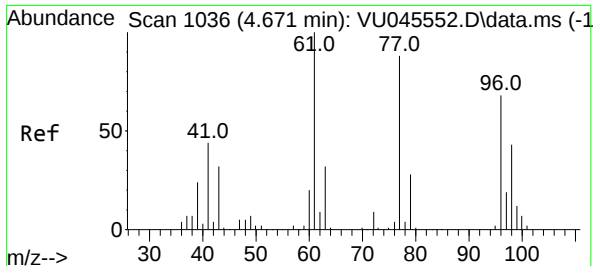
Tgt Ion: 77 Resp: 93713

Ion Ratio Lower Upper

77 100

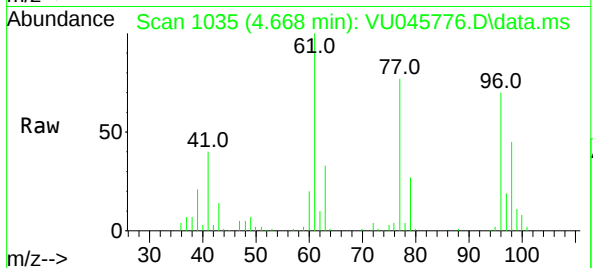
97 22.7 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 53.038 ug/l
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.003 min
 Lab File: VU045776.D
 Acq: 12 Nov 2021 17:53

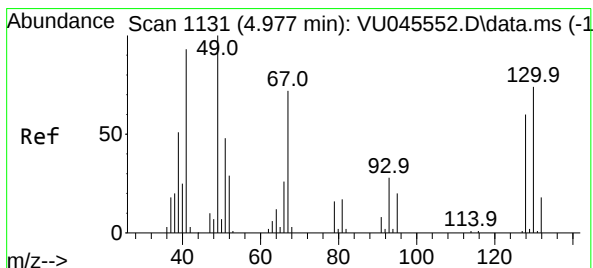
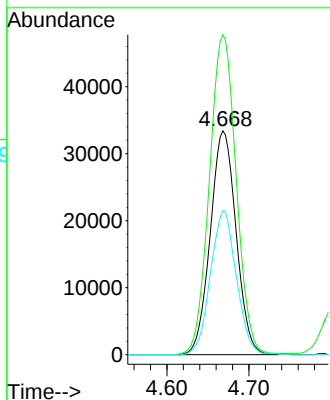
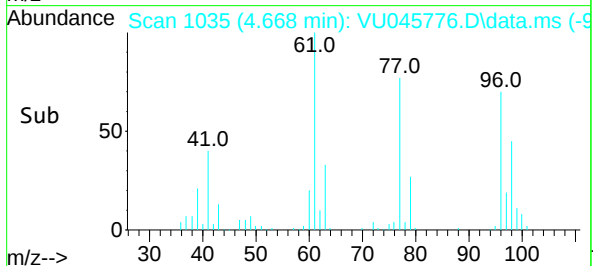
Instrument :
 MSVOA_U
 ClientSampleId :
 MH-117T-20211109MSD



Tgt Ion: 96 Resp: 73214
 Ion Ratio Lower Upper
 96 100
 61 148.1 0.0 299.2
 98 64.5 0.0 127.6

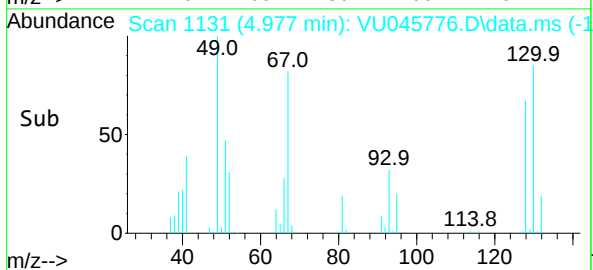
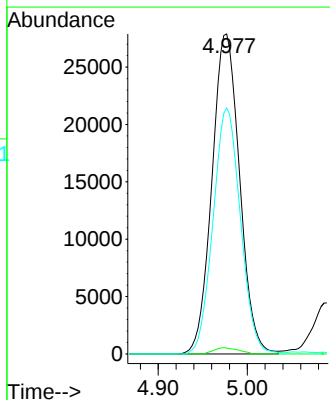
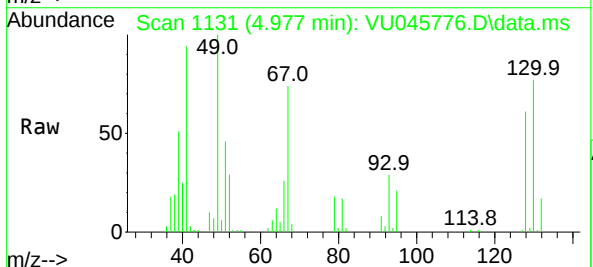
Manual Integrations
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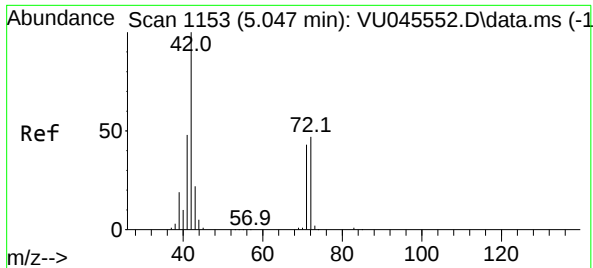
Reviewed By :John Carlone 11/15/2021
 Supervised By :Mahesh Dadoda 11/16/2021



#28
 Bromochloromethane
 Concen: 53.461 ug/l
 RT: 4.977 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VU045776.D
 Acq: 12 Nov 2021 17:53

Tgt Ion: 49 Resp: 60156
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 76.0 57.5 86.3





#29

Tetrahydrofuran

Concen: 273.430 ug/l

RT: 5.051 min Scan# 1153

Delta R.T. 0.003 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

Instrument :

MSVOA_U

ClientSampleId :

MH-117T-20211109MSD

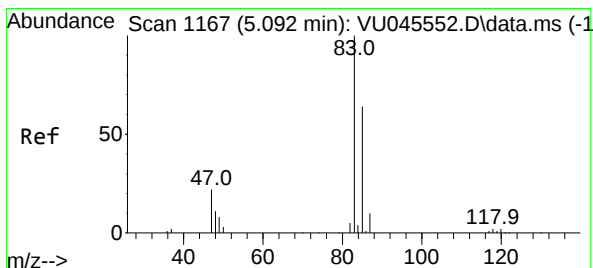
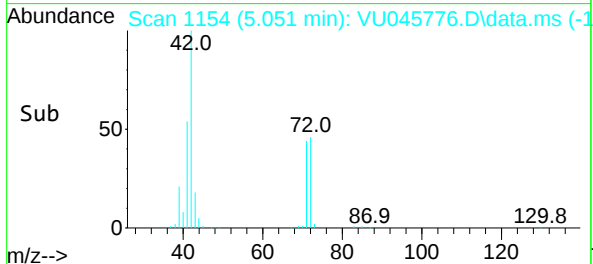
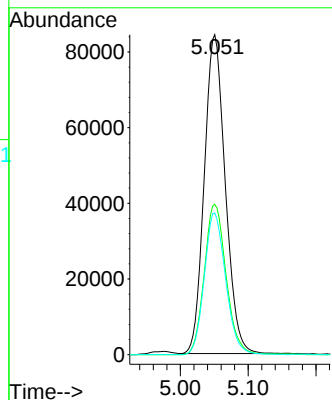
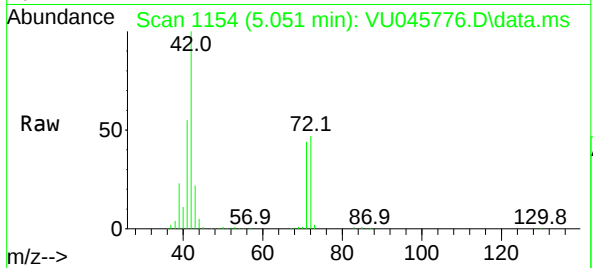
Tgt Ion:	42	Resp:	18159
Ion Ratio	Lower	Upper	
42	100		
72	48.9	38.2	57.4
71	45.3	35.4	53.2

Manual Integrations

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Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#30

Chloroform

Concen: 52.491 ug/l

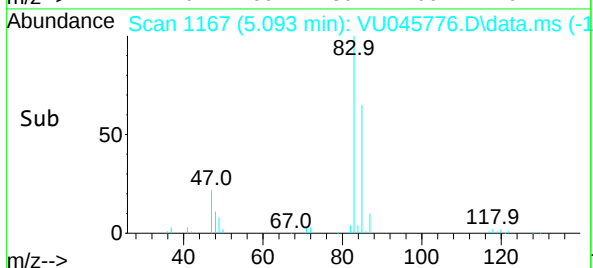
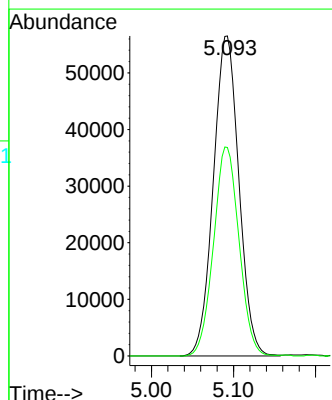
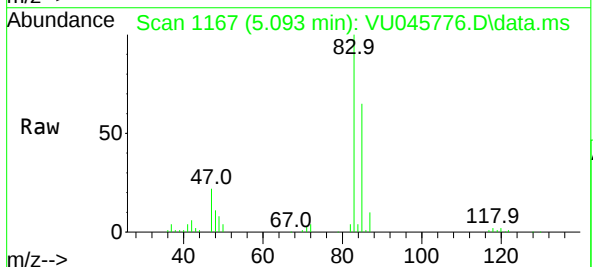
RT: 5.093 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

Tgt Ion:	83	Resp:	122529
Ion Ratio	Lower	Upper	
83	100		
85	65.2	52.0	78.0





#31

Cyclohexane

Concen: 45.145 ug/l

RT: 5.392 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VU045776.D

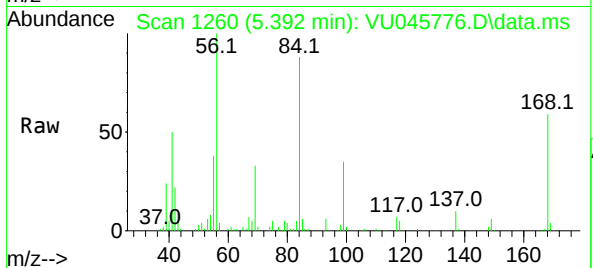
Acq: 12 Nov 2021 17:53

Instrument :

MSVOA_U

ClientSampleId :

MH-117T-20211109MSD



Tgt Ion: 56 Resp: 101298

Ion Ratio Lower Upper

56 100

69 32.9 26.4 39.6

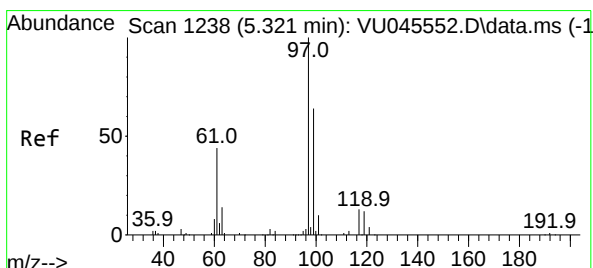
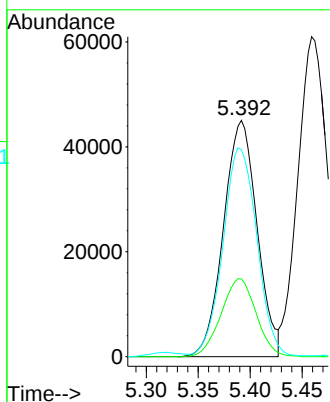
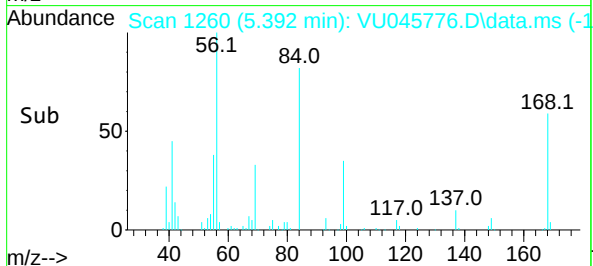
84 86.3 68.4 102.6

Manual Integrations

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Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#32

1,1,1-Trichloroethane

Concen: 52.738 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

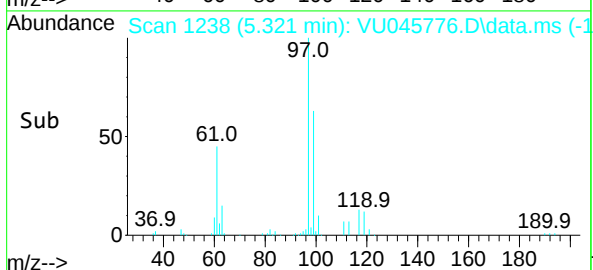
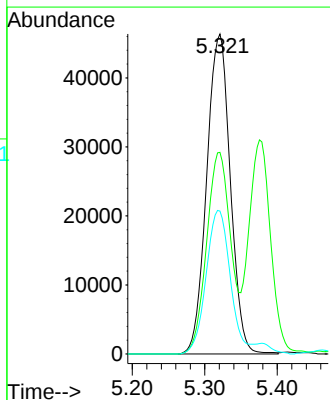
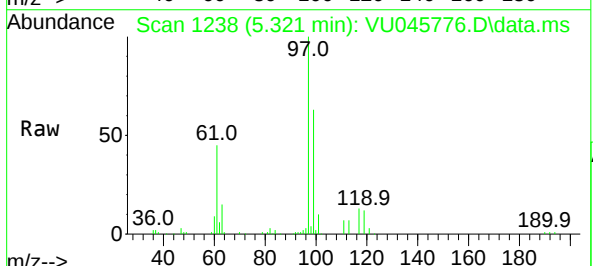
Tgt Ion: 97 Resp: 104981

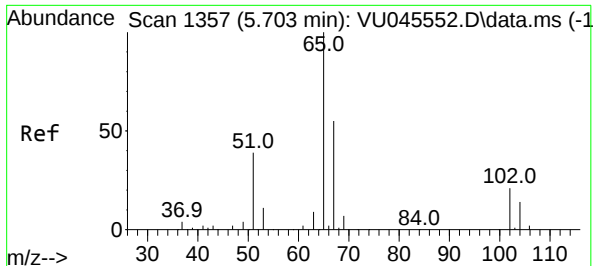
Ion Ratio Lower Upper

97 100

99 65.0 50.8 76.2

61 46.2 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 46.601 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

Instrument :

MSVOA_U

ClientSampleId :

MH-117T-20211109MSD

Tgt Ion: 65 Resp: 71664

Ion Ratio Lower Upper

65 100

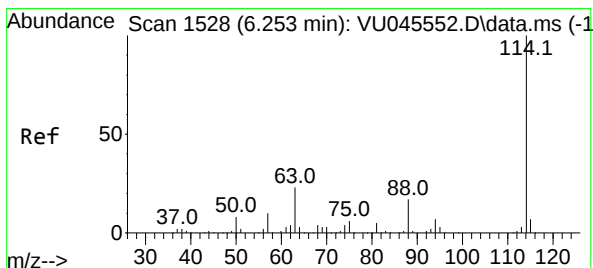
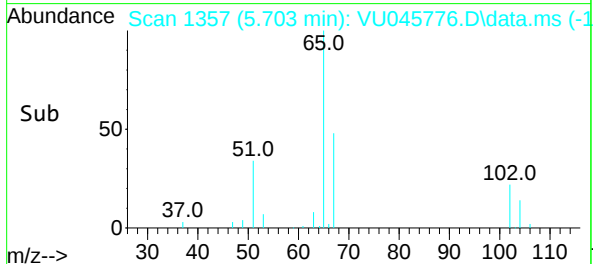
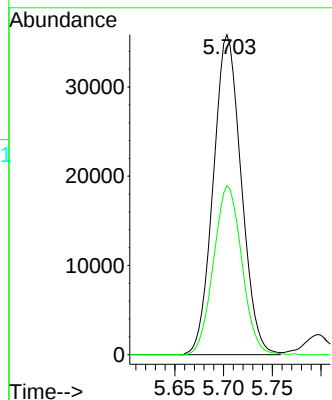
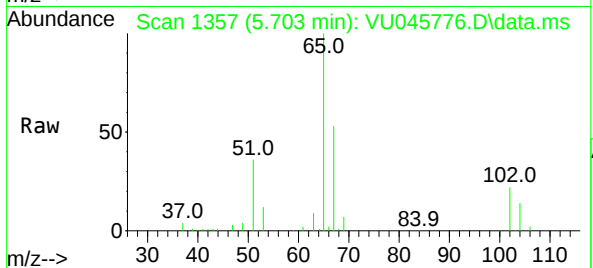
67 53.3 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.003 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

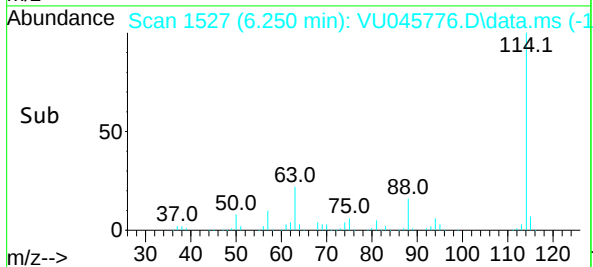
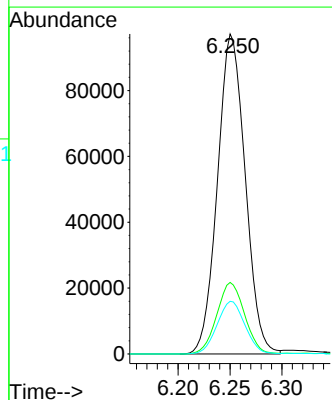
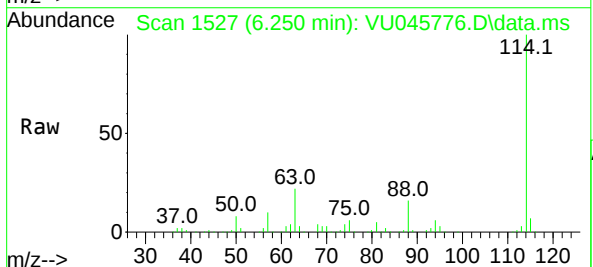
Tgt Ion:114 Resp: 180336

Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.6

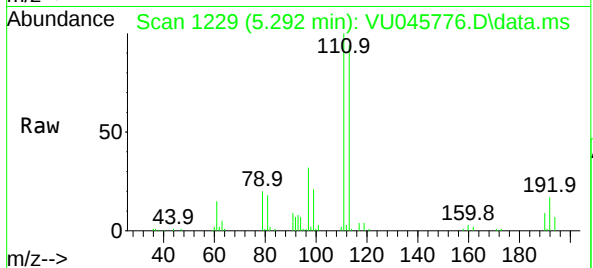
88 16.5 0.0 33.8





#35
Dibromofluoromethane
Concen: 46.490 ug/l
RT: 5.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

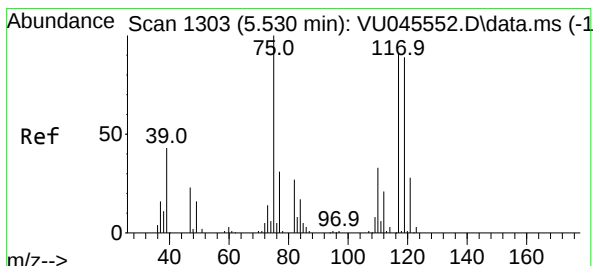
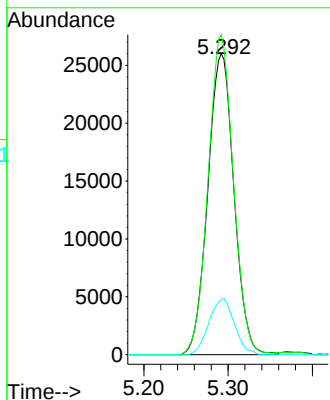
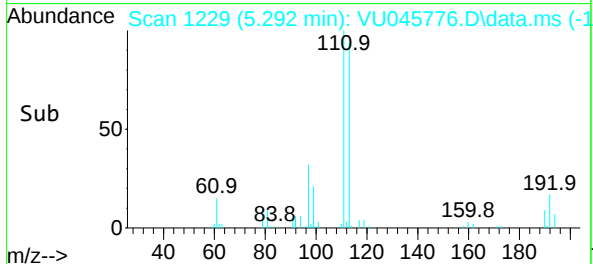
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MSD



Tgt Ion: 113 Resp: 55974
Ion Ratio Lower Upper
113 100
111 103.2 82.8 124.2
192 18.2 14.8 22.2

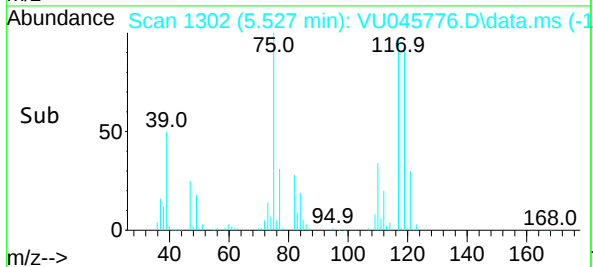
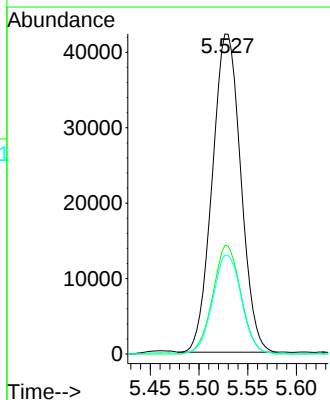
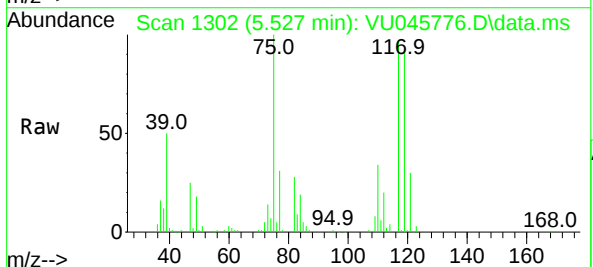
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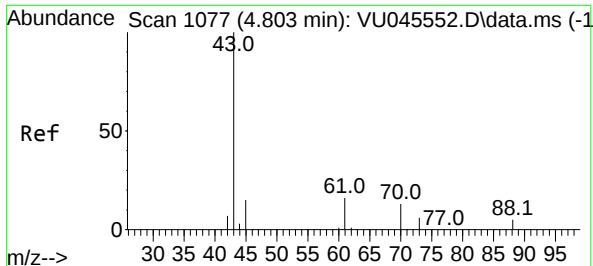
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#36
1,1-Dichloropropene
Concen: 48.873 ug/l
RT: 5.527 min Scan# 1302
Delta R.T. -0.003 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

Tgt Ion: 75 Resp: 85938
Ion Ratio Lower Upper
75 100
110 33.6 16.7 50.0
77 31.4 25.0 37.4





#37

Ethyl Acetate

Concen: 50.496 ug/l

RT: 4.803 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

Instrument :

MSVOA_U

ClientSampleId :

MH-117T-20211109MSD

Tgt Ion: 43 Resp: 101998

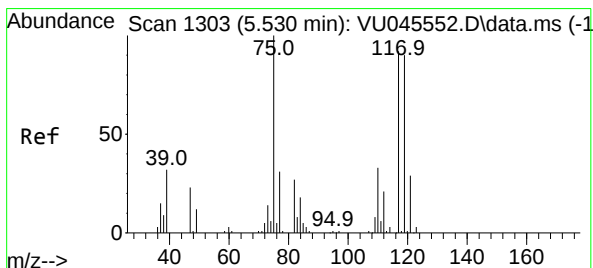
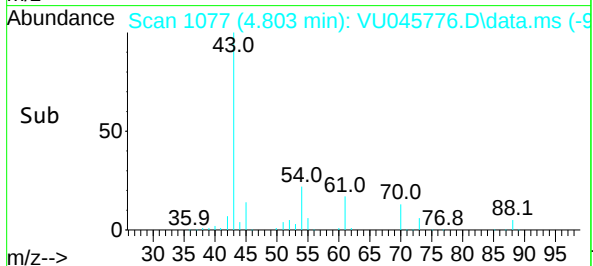
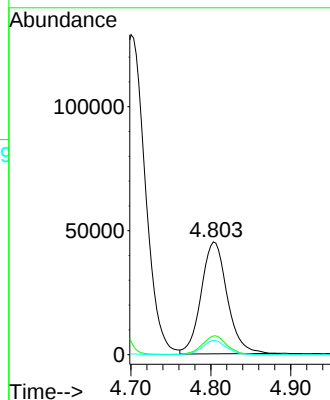
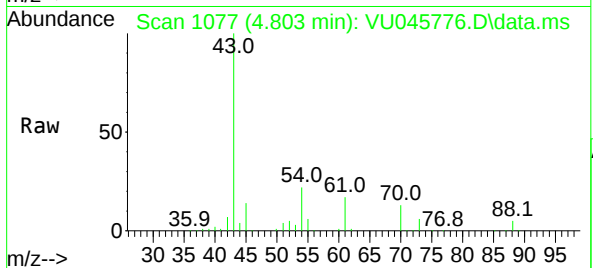
Ion	Ratio	Lower	Upper
43	100		
61	16.2	11.6	17.4
70	11.8	9.1	13.7

Manual Integrations

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Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#38

Carbon Tetrachloride

Concen: 50.877 ug/l

RT: 5.527 min Scan# 1302

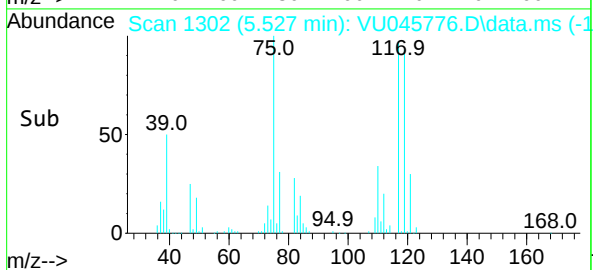
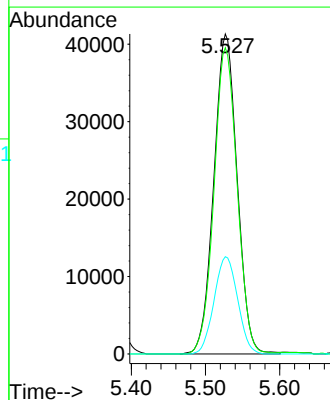
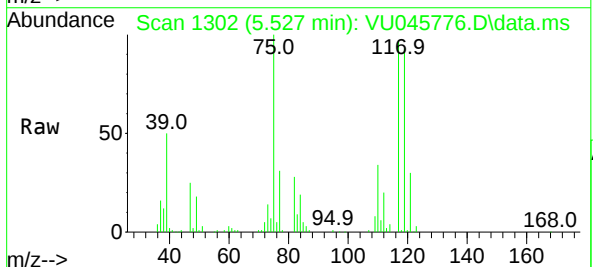
Delta R.T. -0.003 min

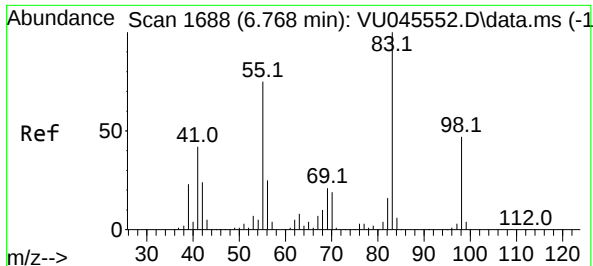
Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

Tgt Ion:117 Resp: 90194

Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.4	116.0
121	30.4	24.8	37.2





#39

Methylcyclohexane

Concen: 47.069 ug/l

RT: 6.764 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

Instrument :

MSVOA_U

ClientSampleId :

MH-117T-20211109MSD

Tgt Ion: 83 Resp: 101539

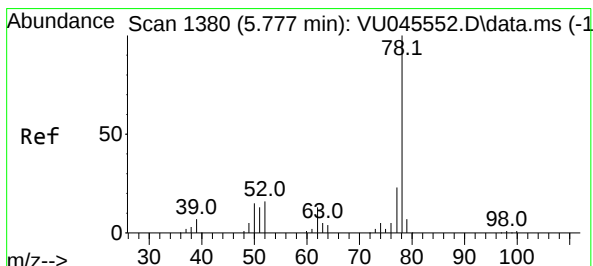
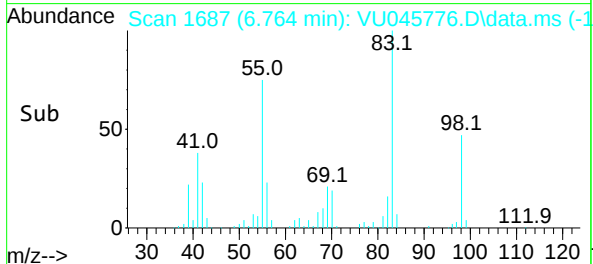
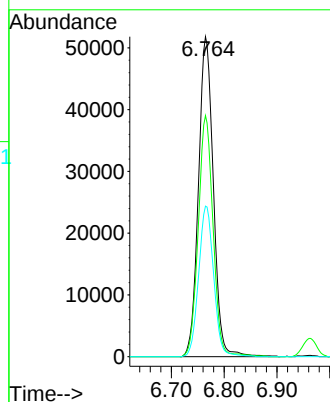
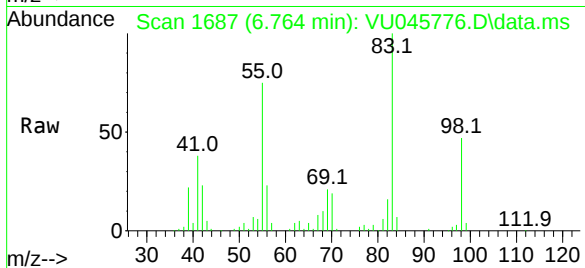
Ion	Ratio	Lower	Upper
83	100		
55	75.4	63.6	95.4
98	47.1	37.1	55.7

Manual Integrations

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Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#40

Benzene

Concen: 50.154 ug/l

RT: 5.777 min Scan# 1380

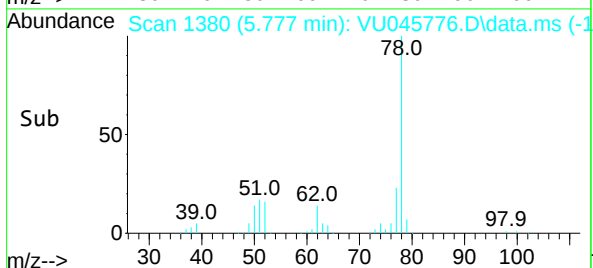
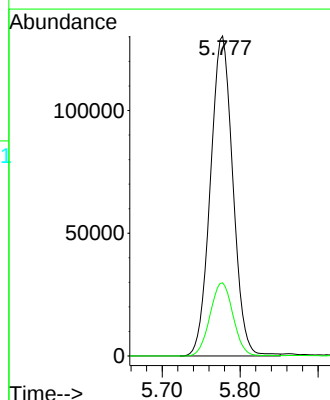
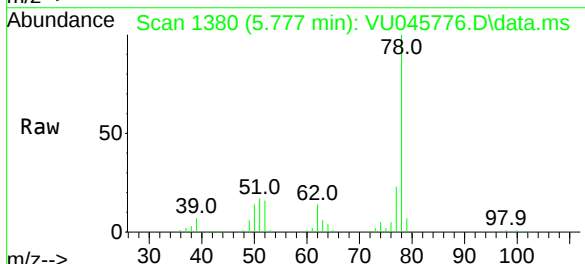
Delta R.T. 0.000 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

Tgt Ion: 78 Resp: 261105

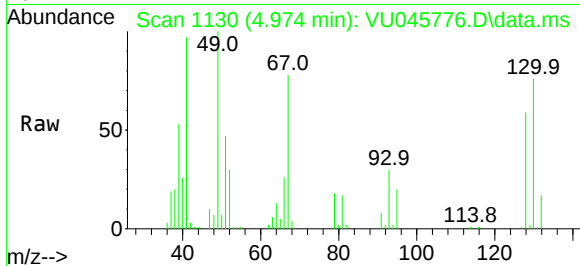
Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.0	28.4





#41
Methacrylonitrile
Concen: 54.476 ug/l
RT: 4.974 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

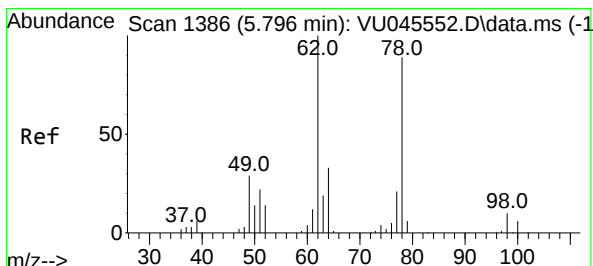
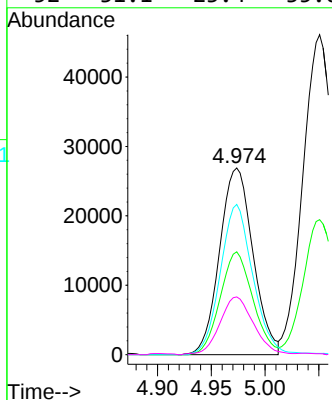
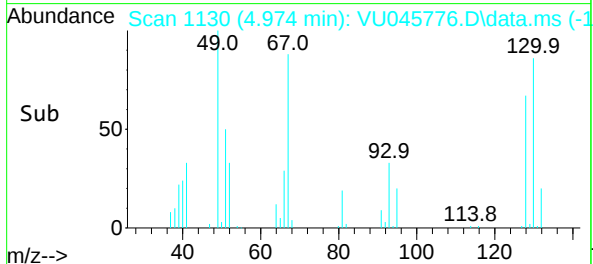
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MSD



Tgt Ion: 41 Resp: 58150
Ion Ratio Lower Upper
41 100
39 53.8 43.4 65.0
67 78.8 61.0 91.4
52 31.1 23.4 35.0

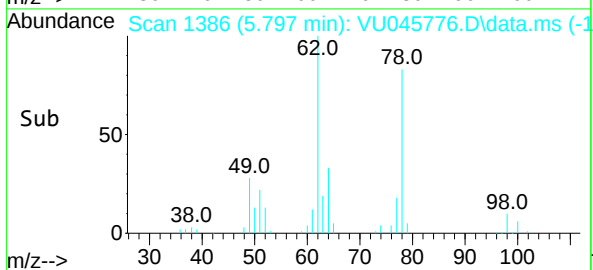
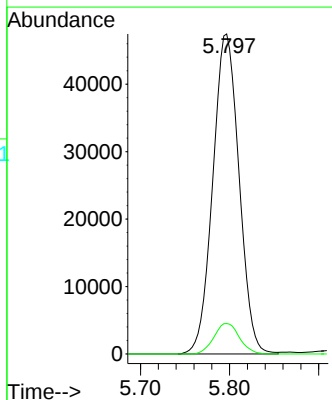
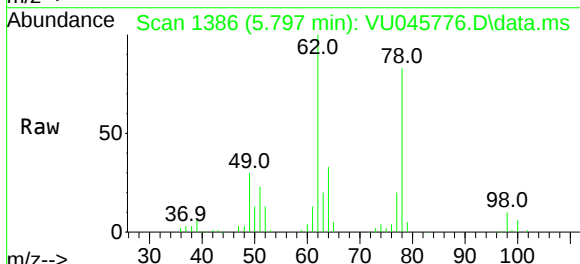
Manual Integrations
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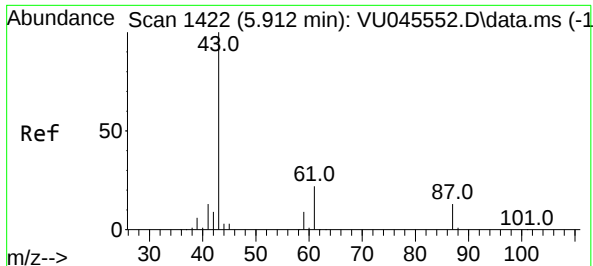
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#42
1,2-Dichloroethane
Concen: 51.640 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

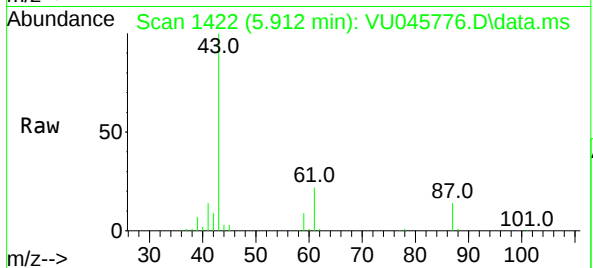
Tgt Ion: 62 Resp: 97107
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.4





#43
Isopropyl Acetate
Concen: 50.789 ug/l
RT: 5.912 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

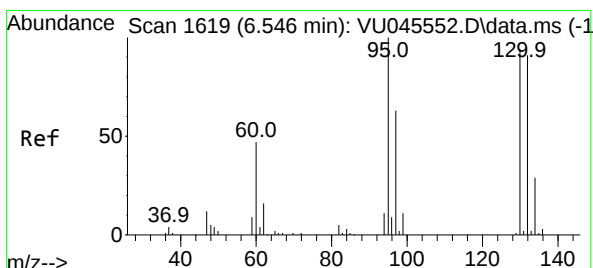
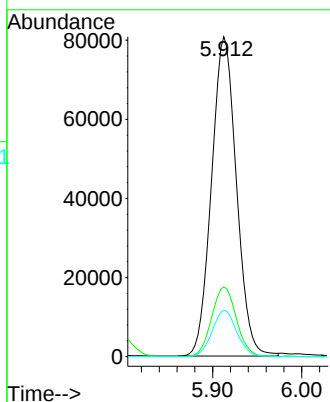
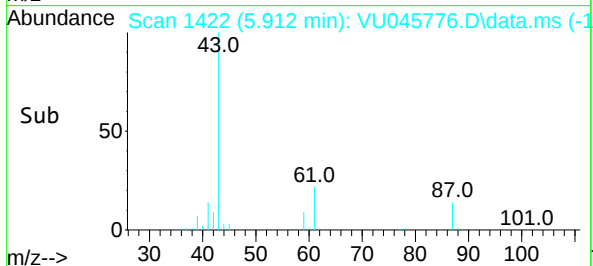
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MSD



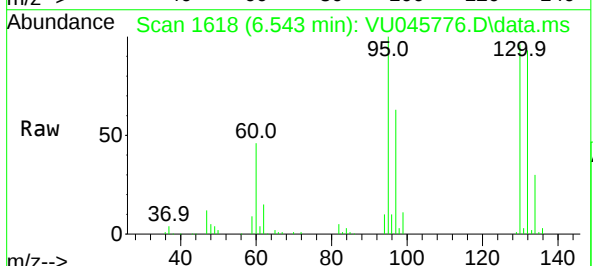
Tgt Ion: 43 Resp: 15691
Ion Ratio Lower Upper
43 100
61 21.9 16.9 25.3
87 14.3 11.0 16.4

Manual Integrations
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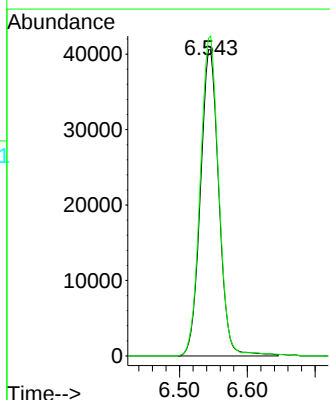
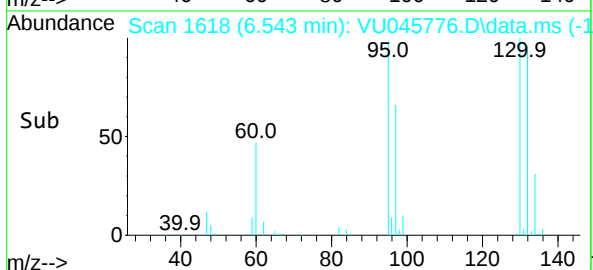
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

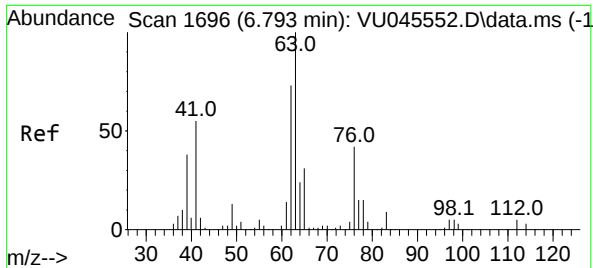


#44
Trichloroethene
Concen: 61.365 ug/l
RT: 6.543 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53



Tgt Ion:130 Resp: 76470
Ion Ratio Lower Upper
130 100
95 103.7 0.0 211.4





#45

1,2-Dichloropropane

Concen: 53.375 ug/l

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

Instrument :

MSVOA_U

ClientSampleId :

MH-117T-20211109MSD

Tgt Ion: 63 Resp: 7352

Ion Ratio Lower Upper

63 100

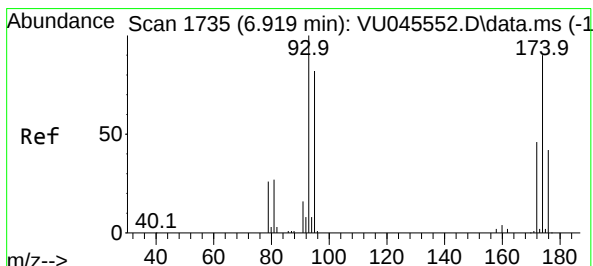
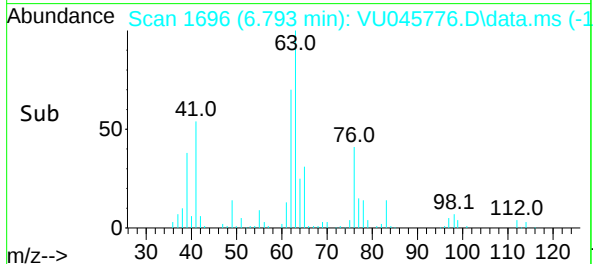
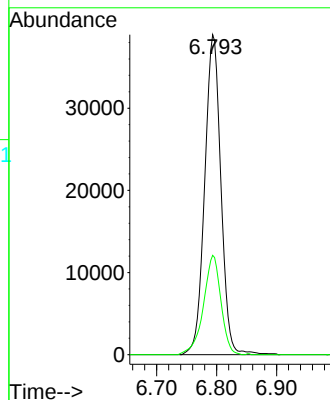
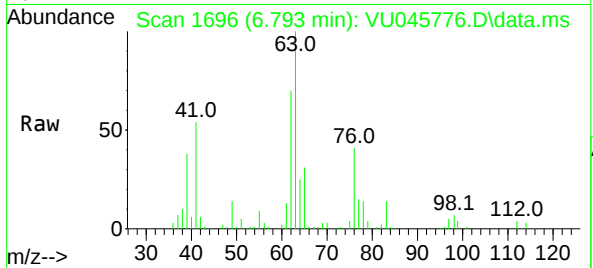
65 31.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#46

Dibromomethane

Concen: 52.079 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

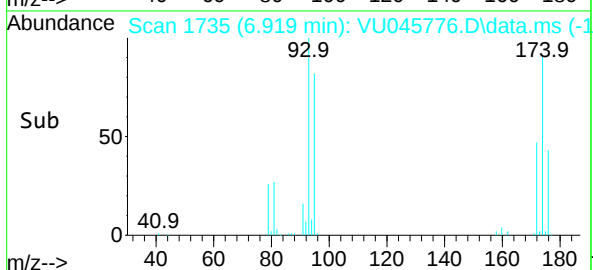
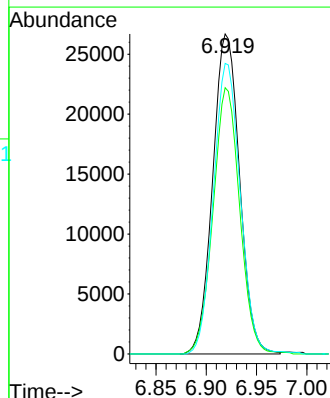
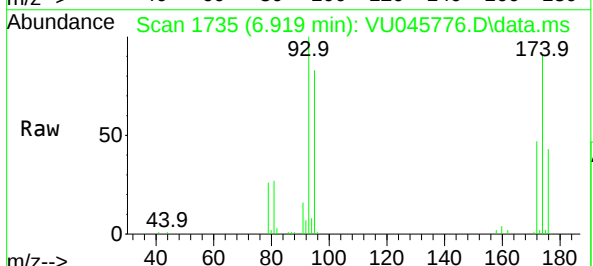
Tgt Ion: 93 Resp: 49707

Ion Ratio Lower Upper

93 100

95 82.4 66.2 99.2

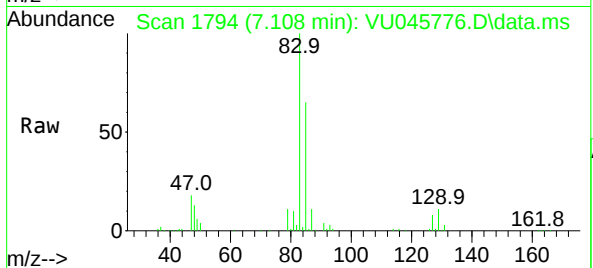
174 90.7 71.0 106.6





#47
Bromodichloromethane
Concen: 53.957 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

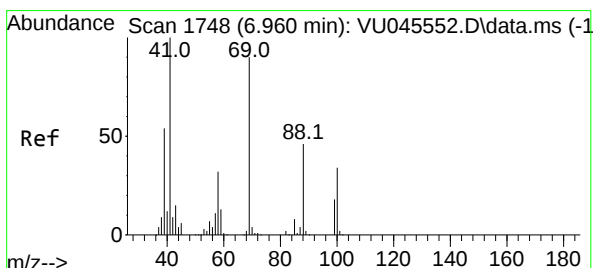
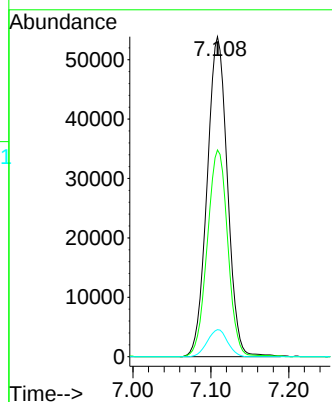
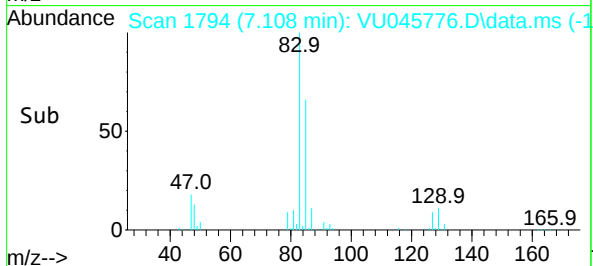
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MSD



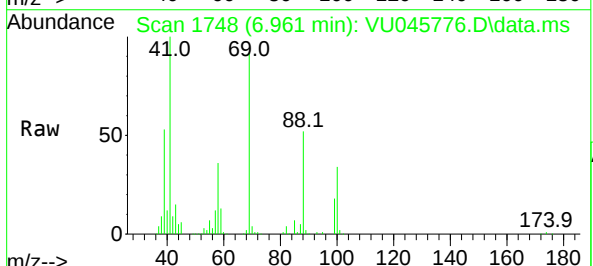
Tgt Ion: 83 Resp: 97718
Ion Ratio Lower Upper
83 100
85 64.6 49.8 74.6
127 8.4 6.2 9.2

Manual Integrations
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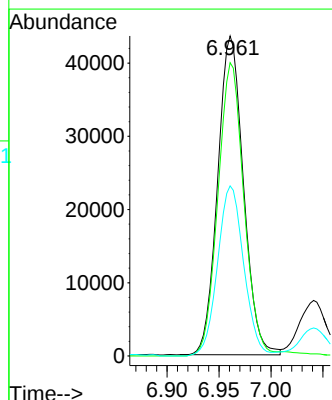
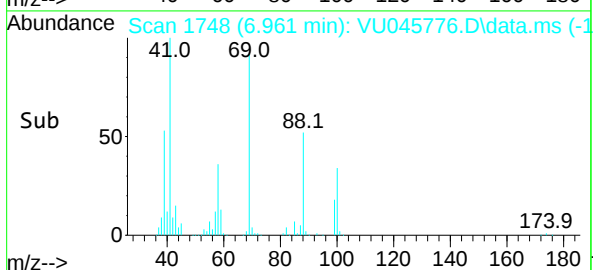
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

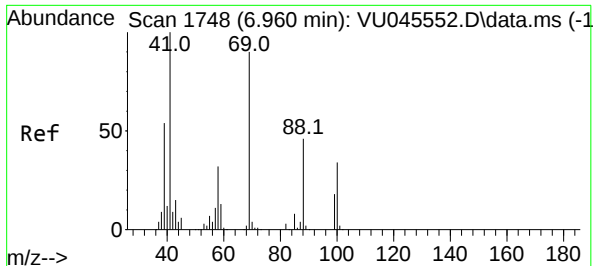


#48
Methyl methacrylate
Concen: 52.949 ug/l
RT: 6.961 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53



Tgt Ion: 41 Resp: 75294
Ion Ratio Lower Upper
41 100
69 92.2 70.2 105.2
39 54.1 43.9 65.9





#49

1,4-Dioxane

Concen: 1187.383 ug/l

RT: 6.961 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

Instrument :

MSVOA_U

ClientSampleId :

MH-117T-20211109MSD

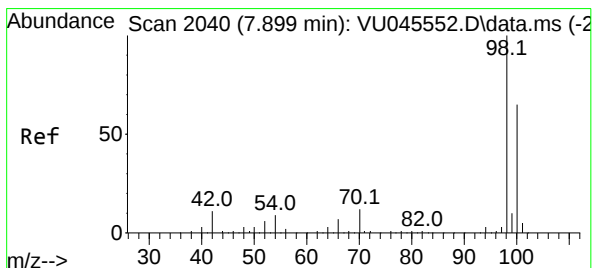
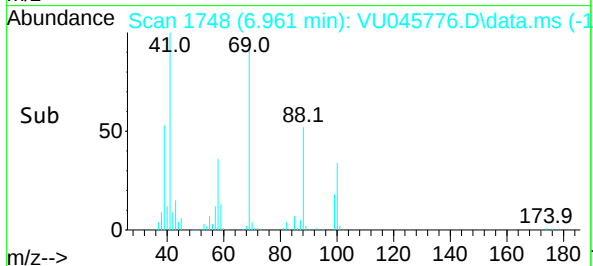
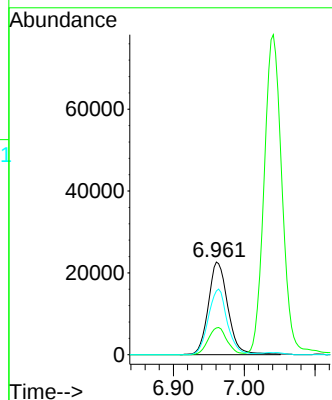
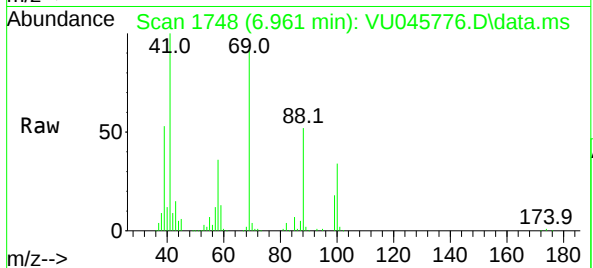
Tgt Ion: 88 Resp: 4342
 Ion Ratio Lower Upper
 88 100
 43 28.3 0.0 0.0
 58 68.4 58.7 88.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#50

Toluene-d8

Concen: 46.629 ug/l

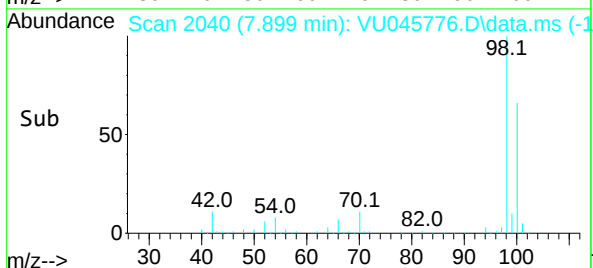
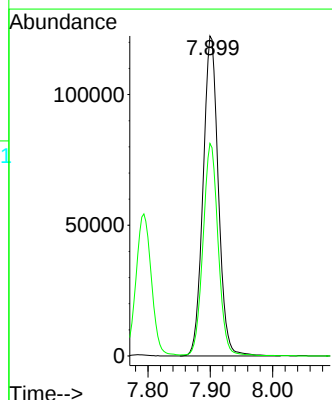
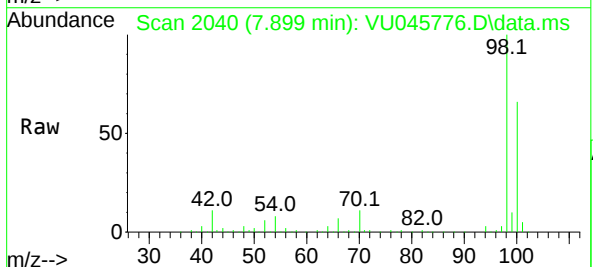
RT: 7.899 min Scan# 2040

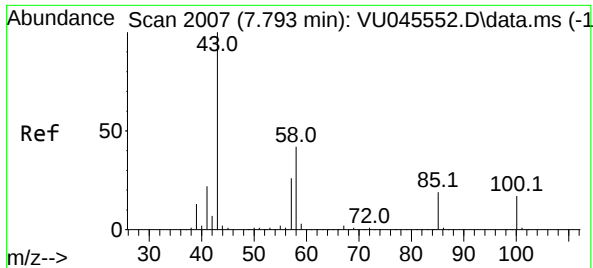
Delta R.T. 0.000 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

Tgt Ion: 98 Resp: 208762
 Ion Ratio Lower Upper
 98 100
 100 65.5 52.5 78.7





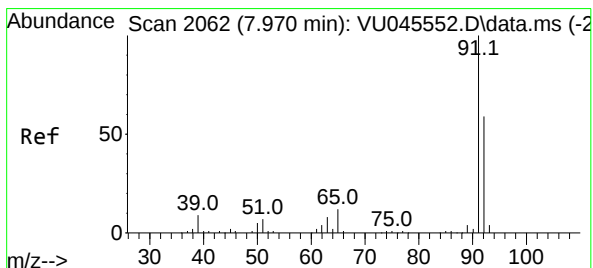
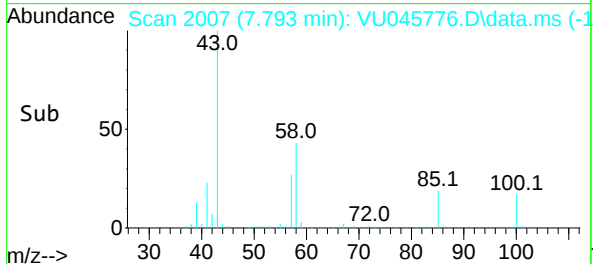
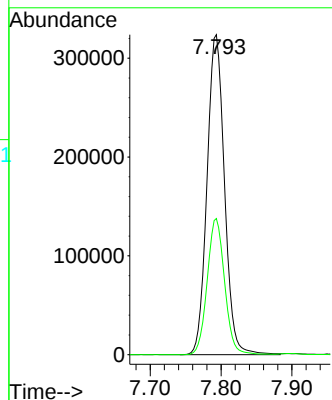
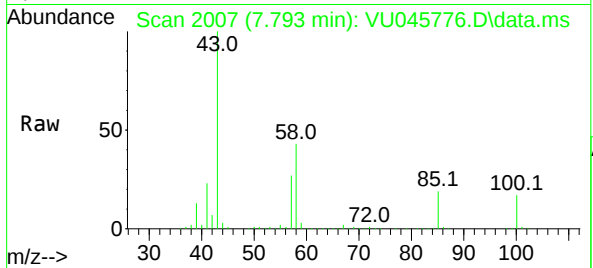
#51
4-Methyl-2-Pentanone
Concen: 272.298 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MSD

Tgt Ion: 43 Resp: 55495
Ion Ratio Lower Upper
43 100
58 42.4 33.8 50.8

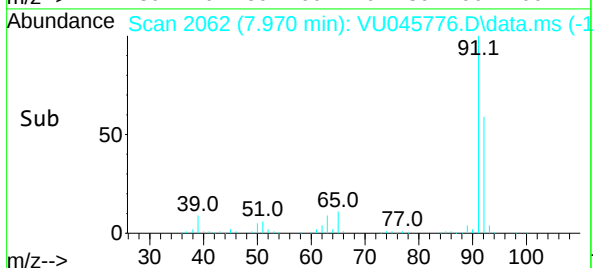
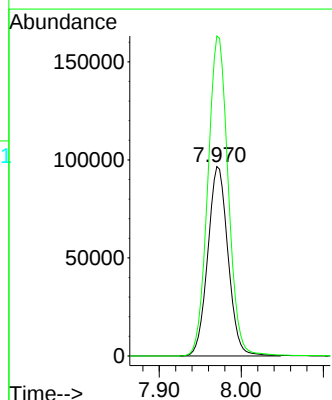
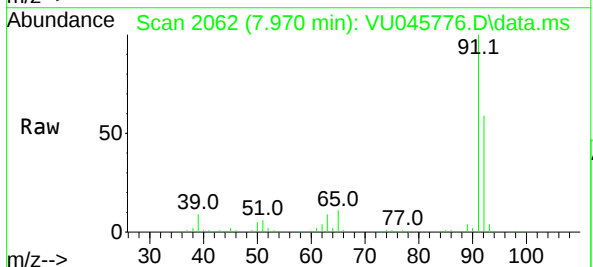
Manual Integrations
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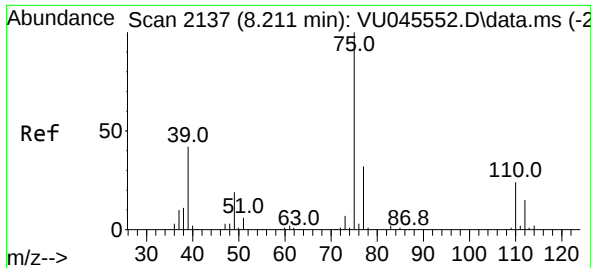
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#52
Toluene
Concen: 51.888 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

Tgt Ion: 92 Resp: 165381
Ion Ratio Lower Upper
92 100
91 170.6 135.6 203.4





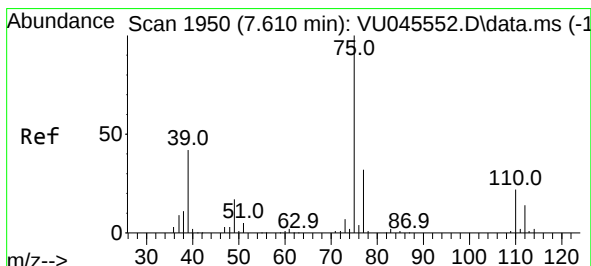
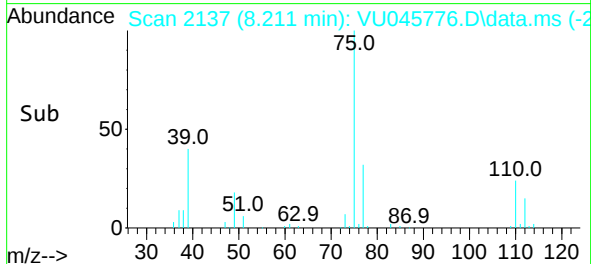
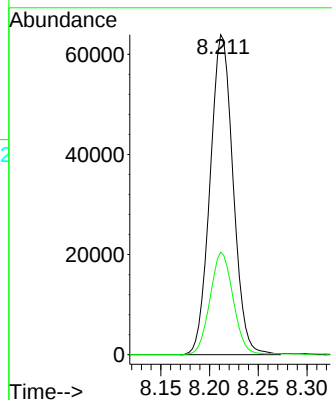
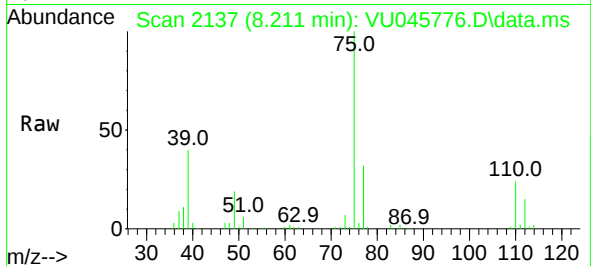
#53
 t-1,3-Dichloropropene
 Concen: 50.532 ug/l
 RT: 8.211 min Scan# 2137
 Delta R.T. 0.000 min
 Lab File: VU045776.D
 Acq: 12 Nov 2021 17:53

Instrument :
 MSVOA_U
 ClientSampleId :
 MH-117T-20211109MSD

Tgt Ion: 75 Resp: 105170
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.8 38.8

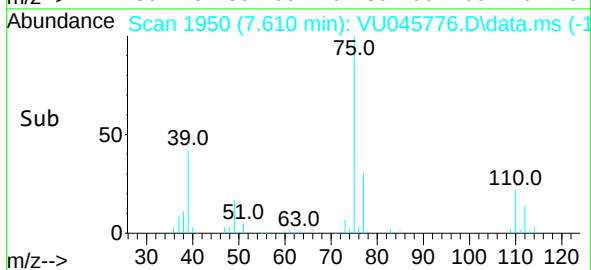
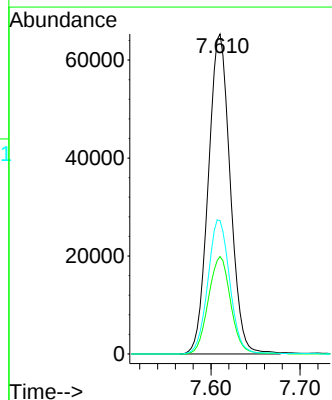
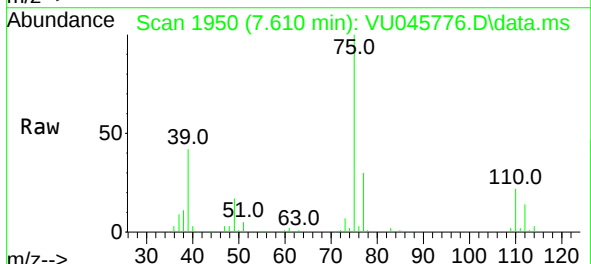
Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/15/2021
 Supervised By :Mahesh Dadoda 11/16/2021



#54
 cis-1,3-Dichloropropene
 Concen: 50.420 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VU045776.D
 Acq: 12 Nov 2021 17:53

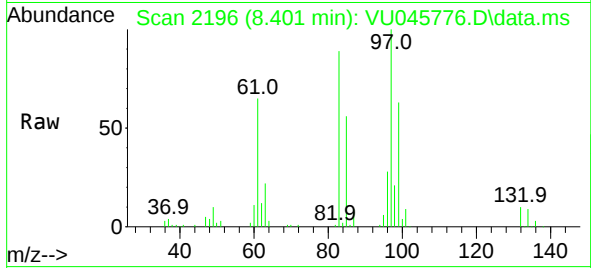
Tgt Ion: 75 Resp: 111465
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.6 37.0
 39 41.7 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 53.535 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

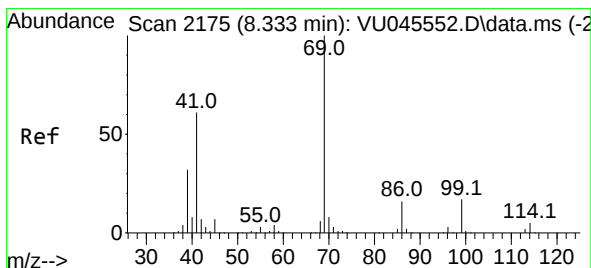
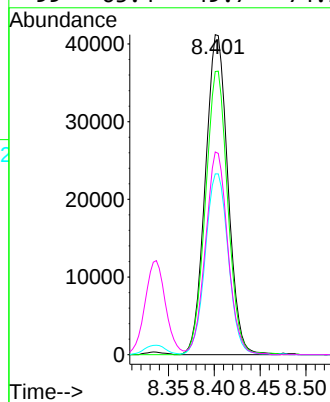
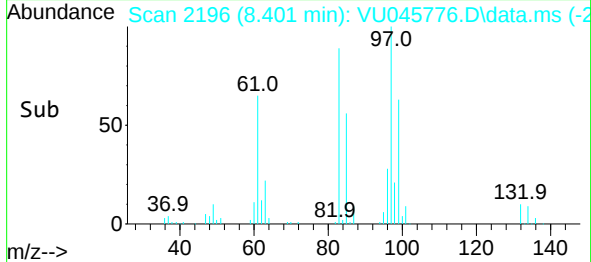
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MSD



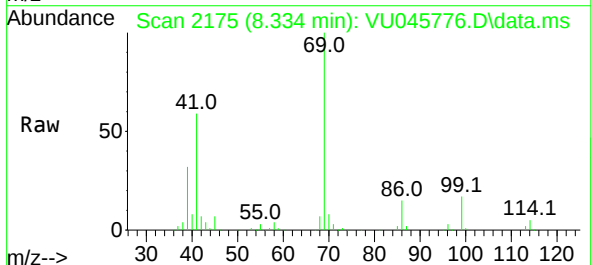
Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.5	70.3	105.5
85	56.2	45.5	68.3
99	63.4	49.7	74.5

Manual Integrations
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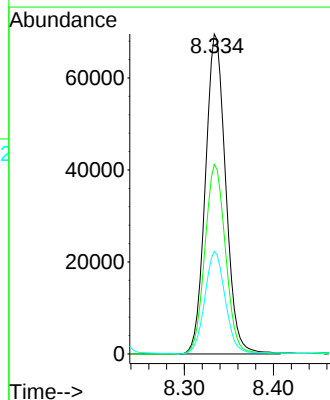
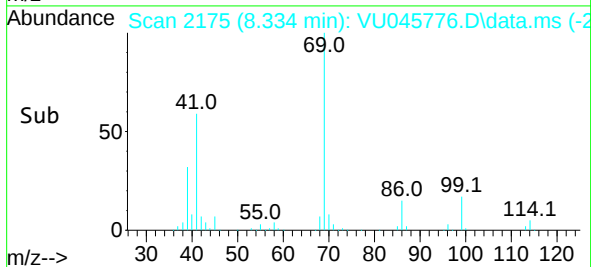
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

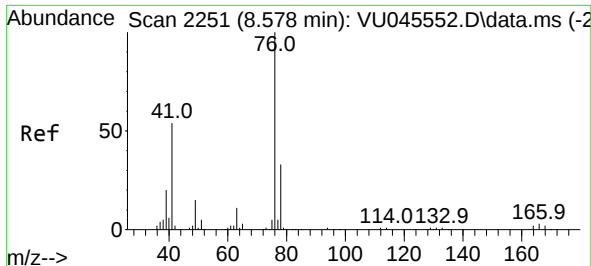


#56
Ethyl methacrylate
Concen: 46.541 ug/l
RT: 8.334 min Scan# 2175
Delta R.T. 0.001 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53



Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.7	51.0	76.4
39	32.9	26.6	39.8





#57

1,3-Dichloropropane

Concen: 52.378 ug/l

RT: 8.578 min Scan# 2251

Delta R.T. 0.000 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

Instrument :

MSVOA_U

ClientSampleId :

MH-117T-20211109MSD

Tgt Ion: 76 Resp: 124610

Ion Ratio Lower Upper

76 100

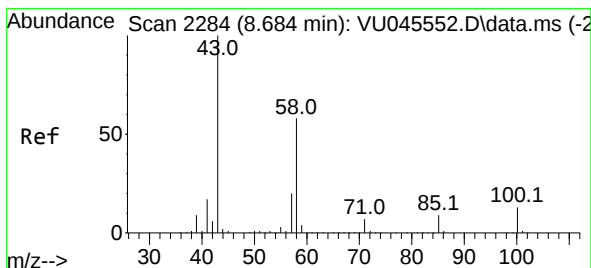
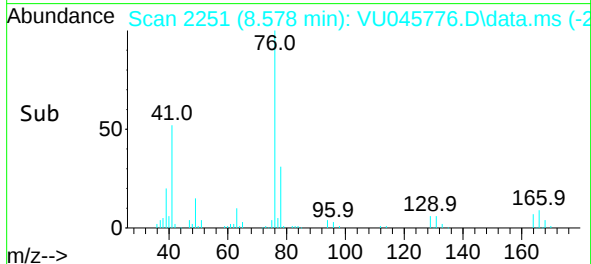
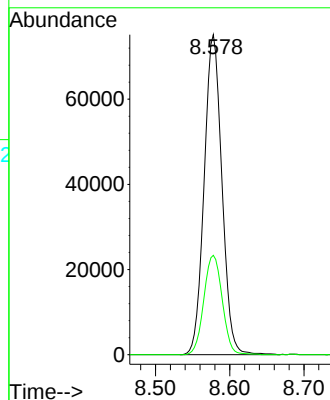
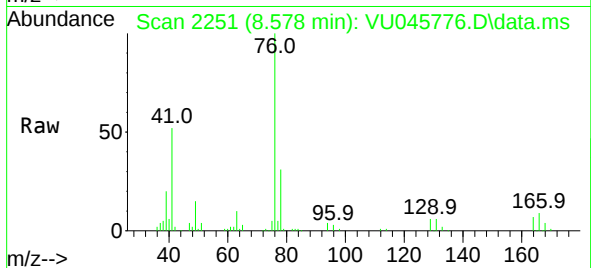
78 32.2 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#59

2-Hexanone

Concen: 239.850 ug/l

RT: 8.684 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VU045776.D

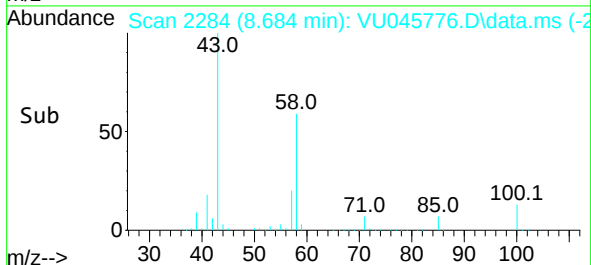
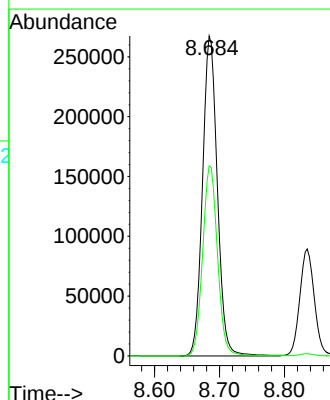
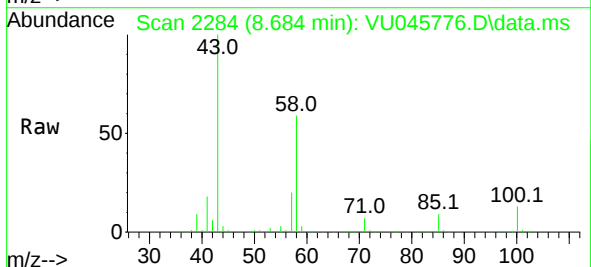
Acq: 12 Nov 2021 17:53

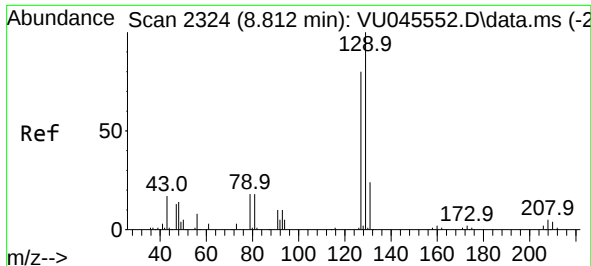
Tgt Ion: 43 Resp: 424781

Ion Ratio Lower Upper

43 100

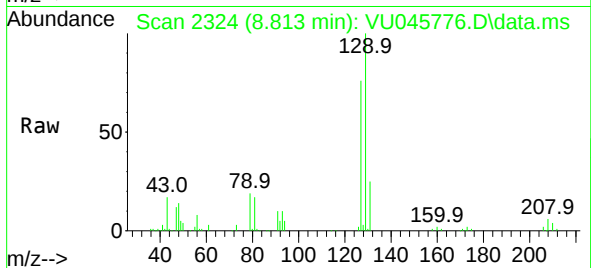
58 59.5 29.5 88.6





#60
Dibromochloromethane
Concen: 54.380 ug/l
RT: 8.813 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

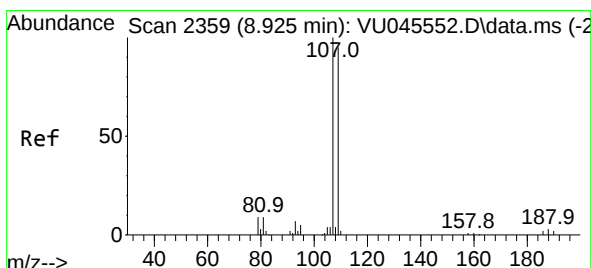
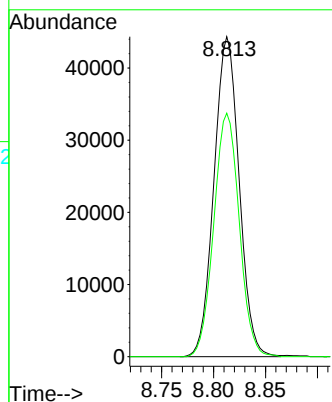
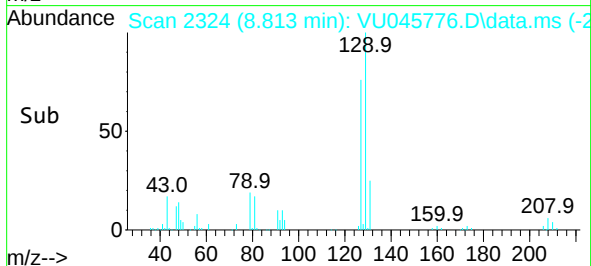
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MSD



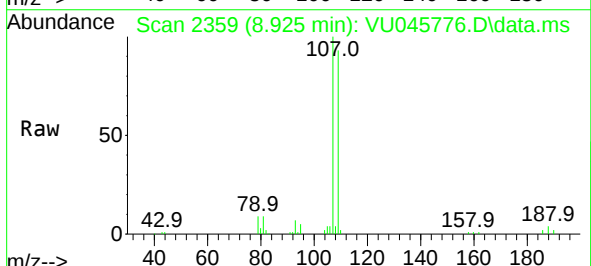
Tgt Ion:129 Resp: 74800
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.3

Manual Integrations
APPROVED

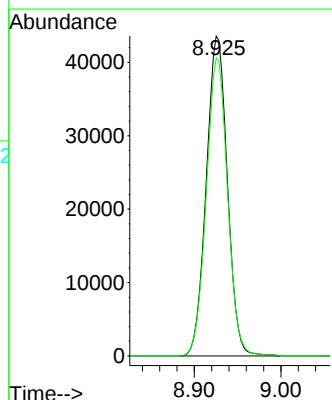
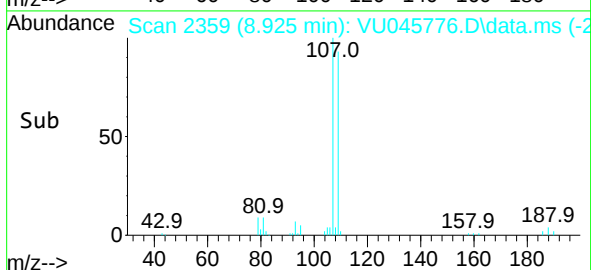
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

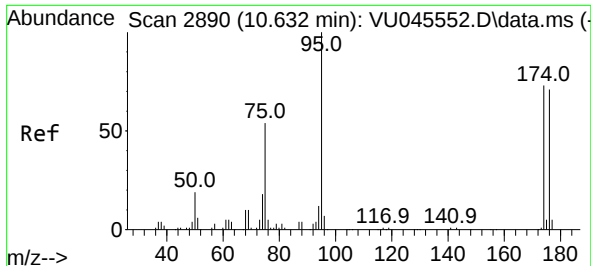


#61
1,2-Dibromoethane
Concen: 51.990 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53



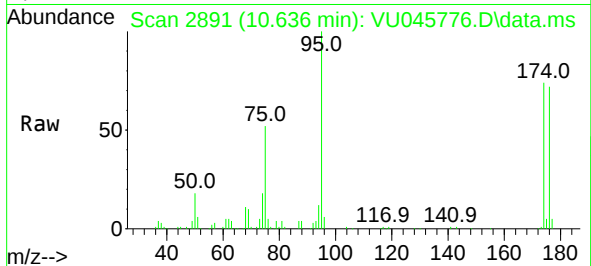
Tgt Ion:107 Resp: 73657
Ion Ratio Lower Upper
107 100
109 94.2 75.8 113.8





#62
4-Bromofluorobenzene
Concen: 45.519 ug/l
RT: 10.636 min Scan# 2890
Delta R.T. 0.003 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

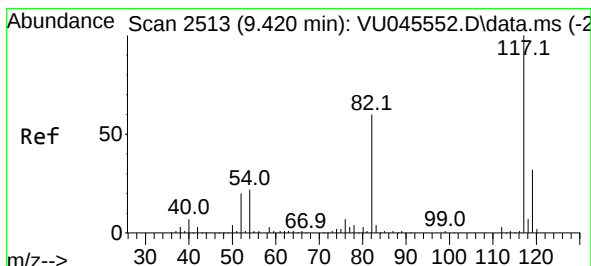
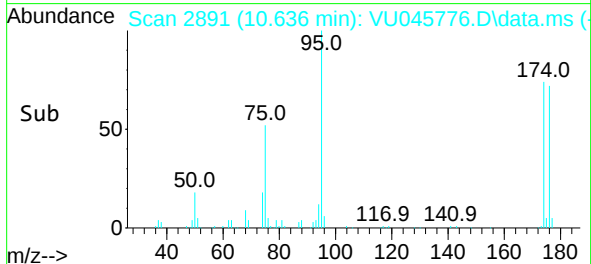
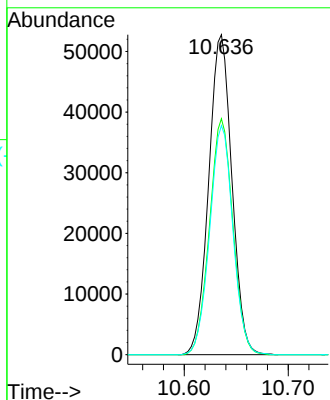
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MSD



Tgt Ion: 95 Resp: 81720
Ion Ratio Lower Upper
95 100
174 74.4 0.0 141.8
176 71.9 0.0 138.2

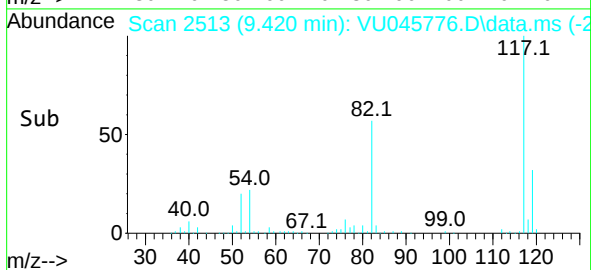
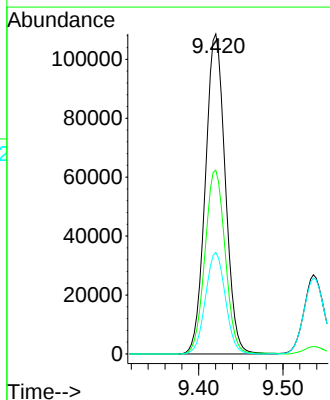
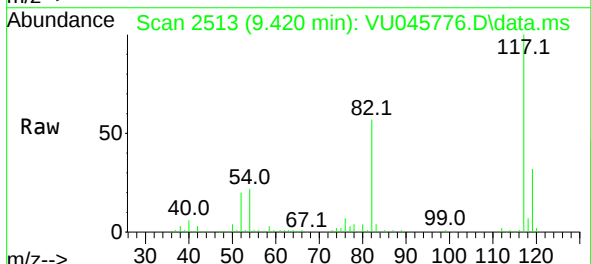
Manual Integrations
APPROVED

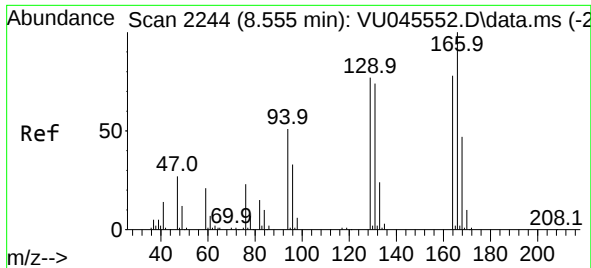
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

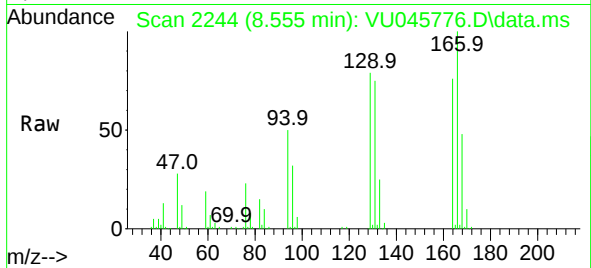
Tgt Ion:117 Resp: 178596
Ion Ratio Lower Upper
117 100
82 57.5 47.8 71.8
119 31.7 25.8 38.8





#64
Tetrachloroethene
Concen: 53.371 ug/l
RT: 8.555 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

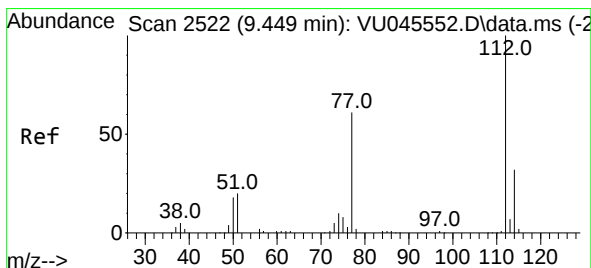
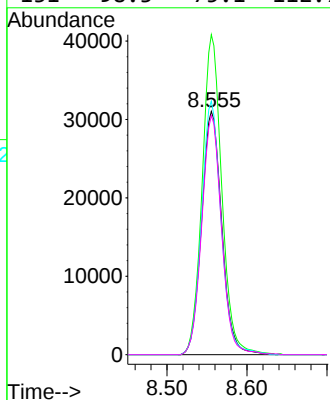
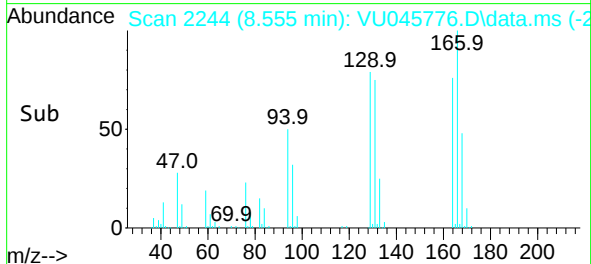
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MSD



Tgt Ion:164 Resp: 54709
Ion Ratio Lower Upper
164 100
166 131.5 102.2 153.4
129 104.2 78.2 117.4
131 98.3 75.1 112.7

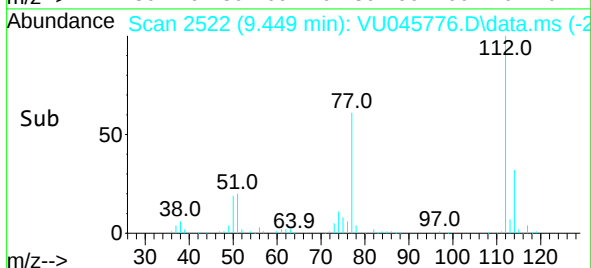
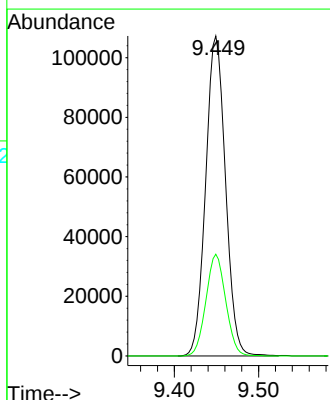
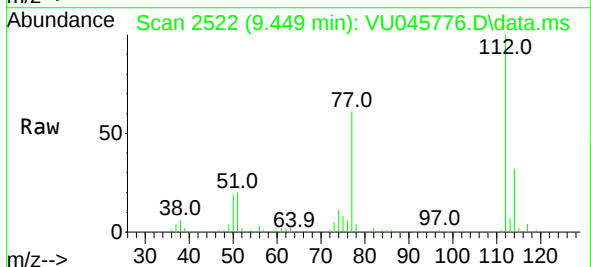
Manual Integrations
APPROVED

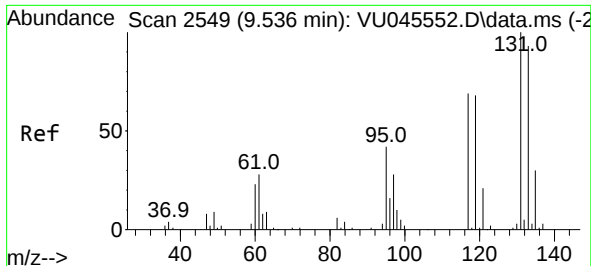
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#65
Chlorobenzene
Concen: 50.031 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

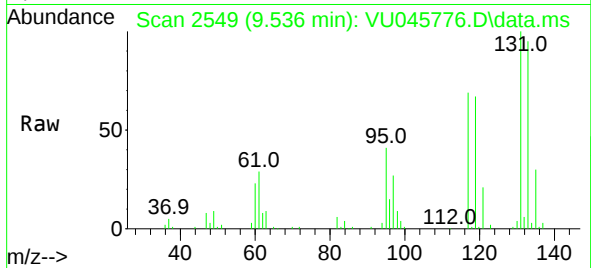
Tgt Ion:112 Resp: 175514
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5





#66
1,1,1,2-Tetrachloroethane
Concen: 51.271 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

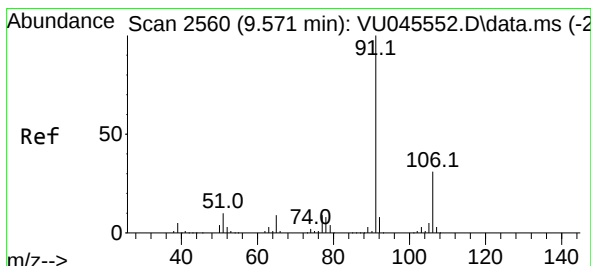
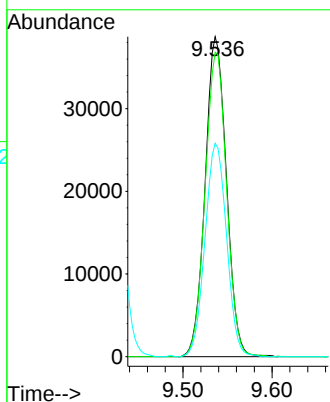
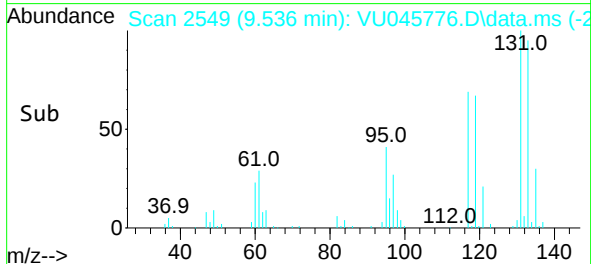
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MSD



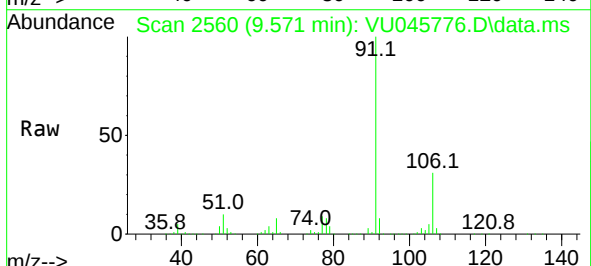
Tgt Ion:131 Resp: 64148
Ion Ratio Lower Upper
131 100
133 96.1 47.9 143.6
119 67.7 34.5 103.6

Manual Integrations
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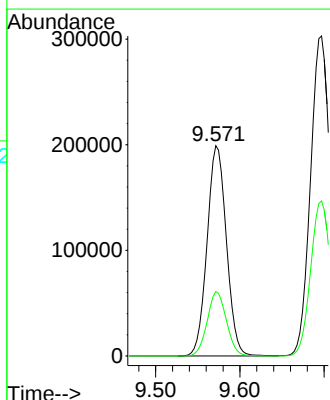
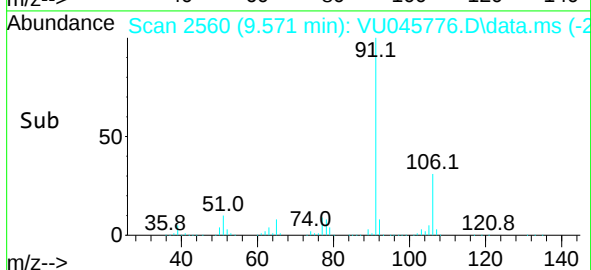
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

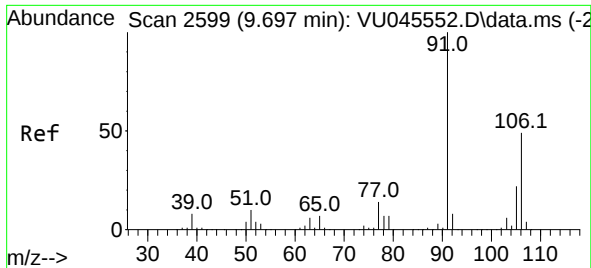


#67
Ethyl Benzene
Concen: 50.541 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53



Tgt Ion: 91 Resp: 317515
Ion Ratio Lower Upper
91 100
106 30.6 24.6 36.8





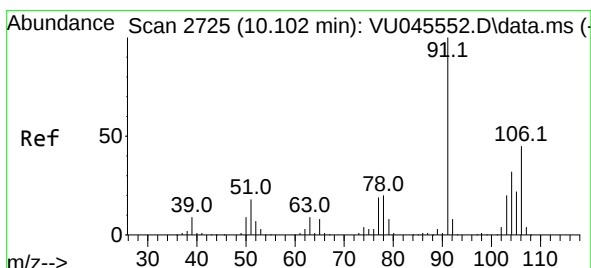
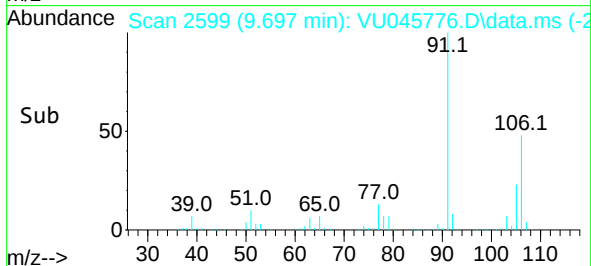
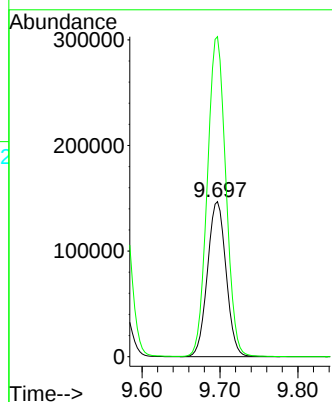
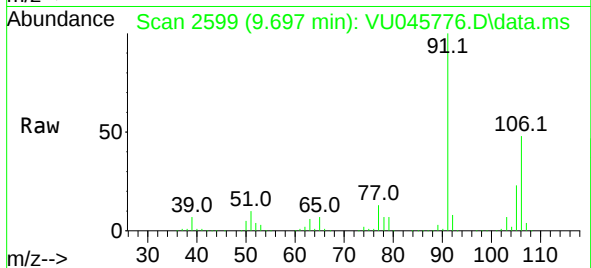
#68
m/p-Xylenes
Concen: 103.000 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MSD

Tgt Ion:106 Resp: 244036
Ion Ratio Lower Upper
106 100
91 206.1 164.7 247.1

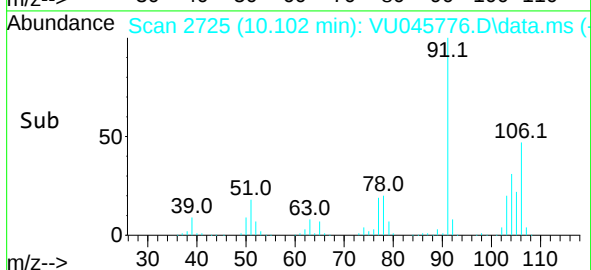
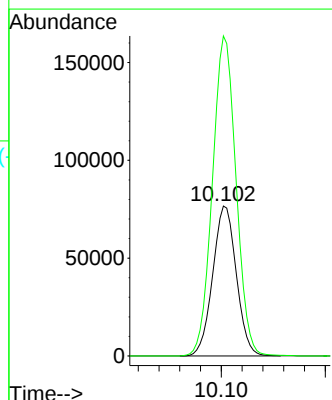
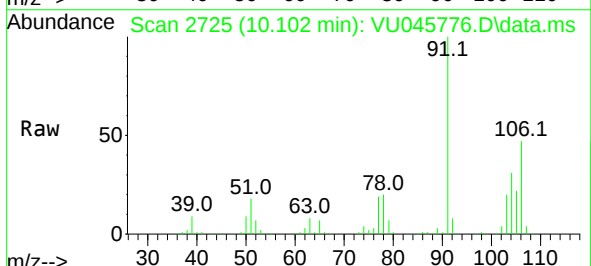
Manual Integrations
APPROVED

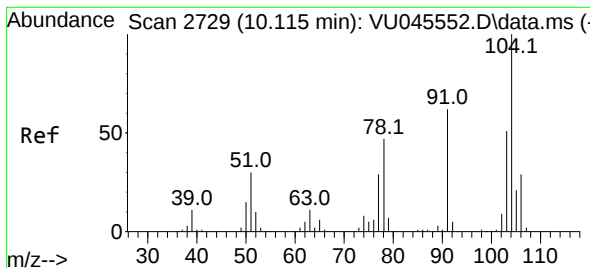
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#69
o-Xylene
Concen: 52.454 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

Tgt Ion:106 Resp: 120825
Ion Ratio Lower Upper
106 100
91 213.7 108.7 326.3





#70

Styrene

Concen: 53.034 ug/l

RT: 10.115 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

Instrument :

MSVOA_U

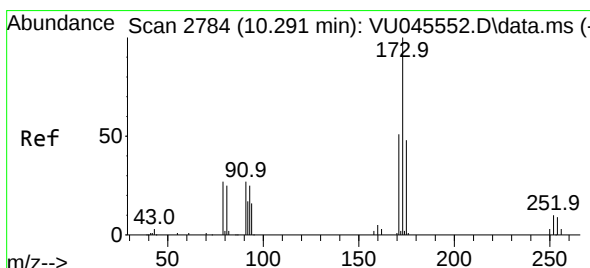
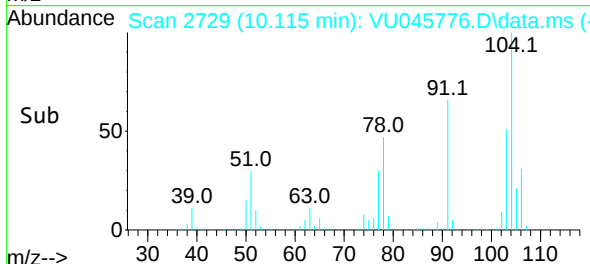
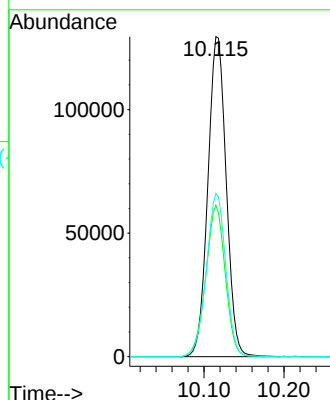
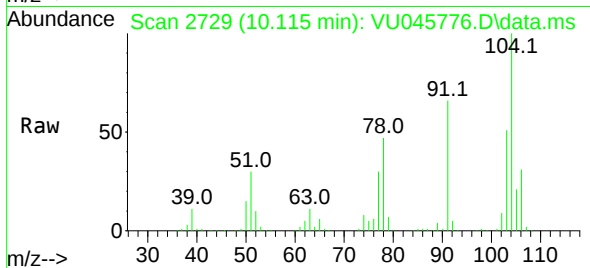
ClientSampleId :

MH-117T-20211109MSD

Tgt Ion:104	Resp: 20666
Ion Ratio	Lower Upper
104 100	
78 50.1	41.8 62.6
103 54.0	43.8 65.6

Manual Integrations
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Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#71

Bromoform

Concen: 47.092 ug/l

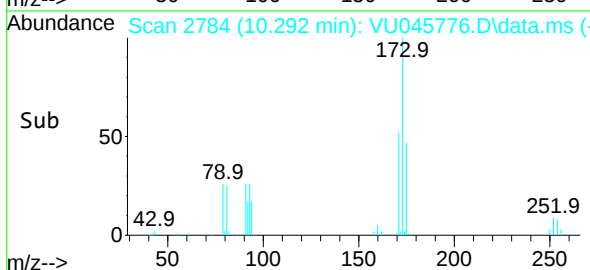
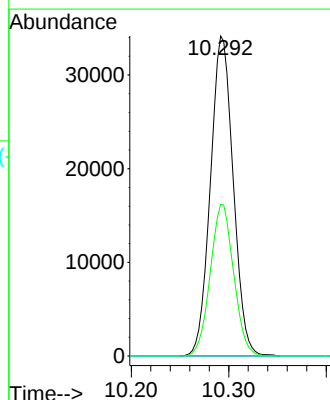
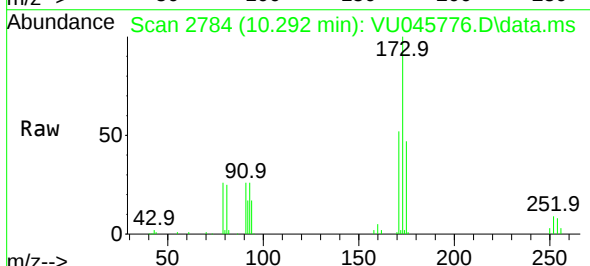
RT: 10.292 min Scan# 2784

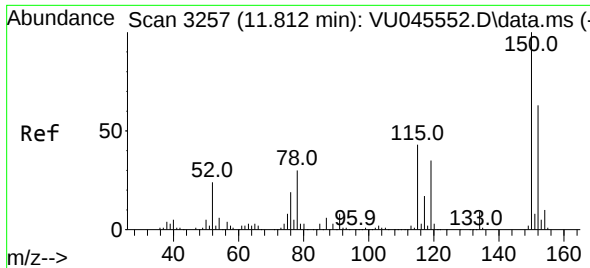
Delta R.T. 0.001 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

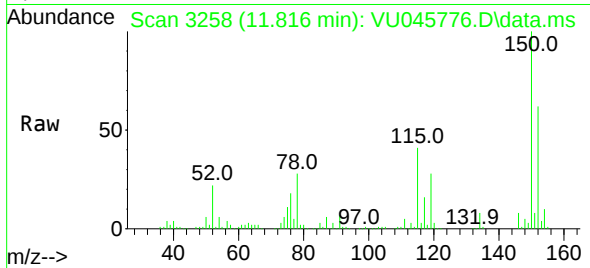
Tgt Ion:173	Resp: 55541
Ion Ratio	Lower Upper
173 100	
175 48.6	24.1 72.2
254 0.0	0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

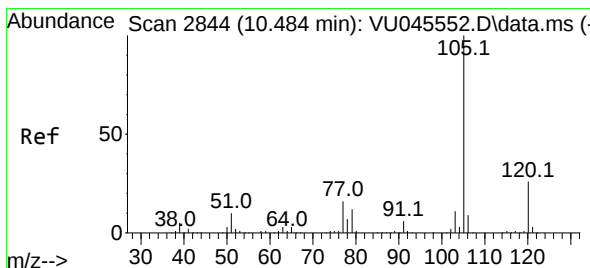
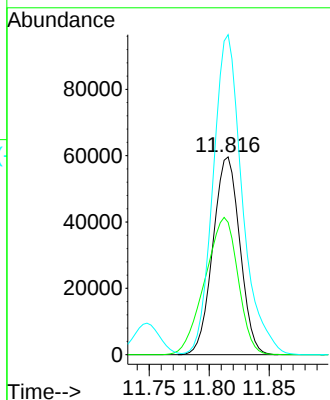
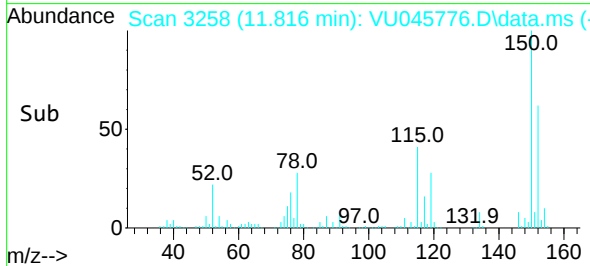
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MSD



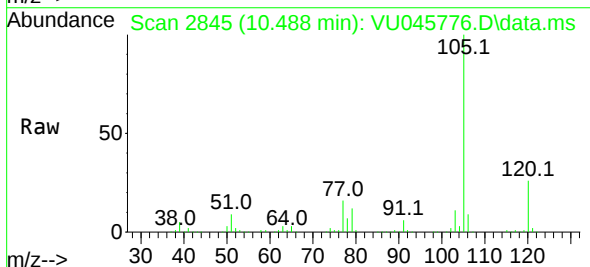
Tgt Ion:152 Resp: 93169
Ion Ratio Lower Upper
152 100
115 85.1 42.7 128.1
150 175.4 0.0 346.8

Manual Integrations
APPROVED

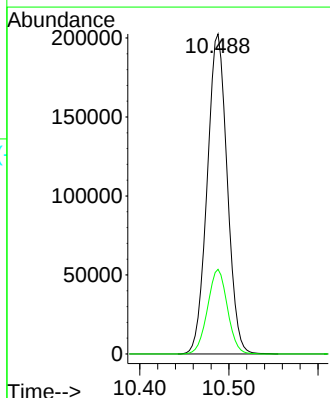
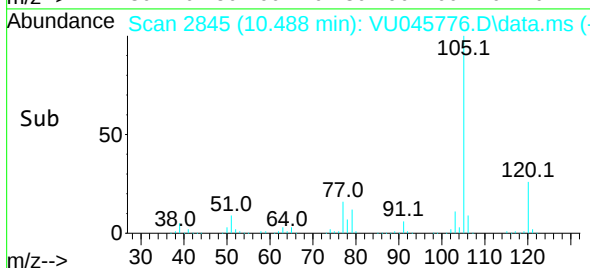
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

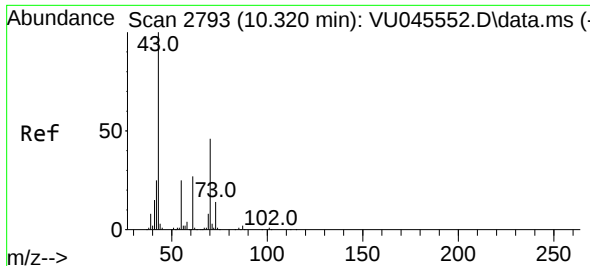


#73
Isopropylbenzene
Concen: 51.802 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53



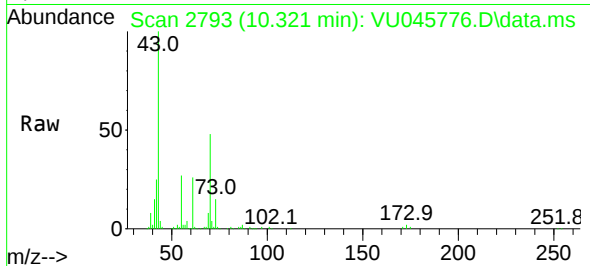
Tgt Ion:105 Resp: 315352
Ion Ratio Lower Upper
105 100
120 26.3 12.9 38.6





#74
N-amy1 acetate
Concen: 46.959 ug/l
RT: 10.321 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

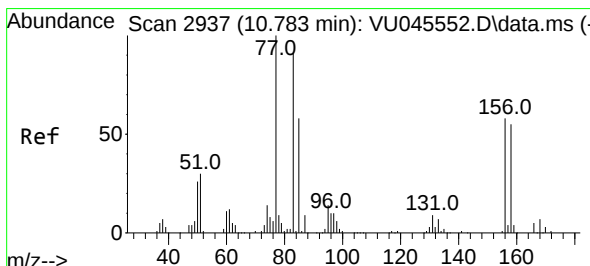
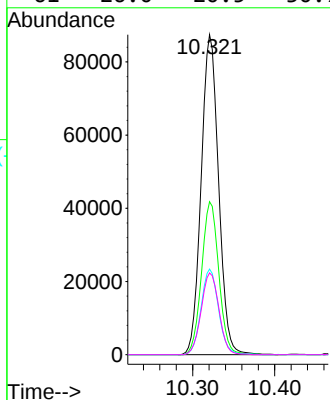
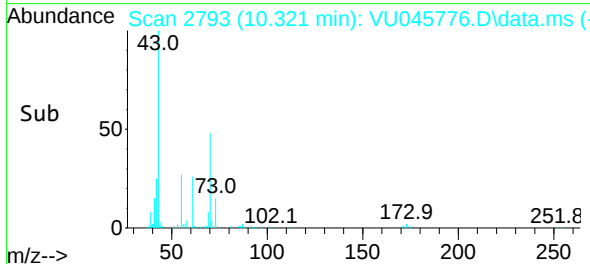
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MSD



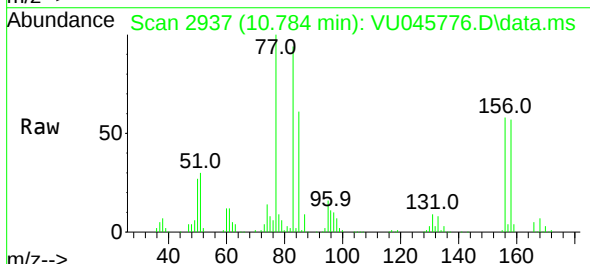
Tgt Ion: 43 Resp: 128960
Ion Ratio Lower Upper
43 100
70 47.3 36.9 55.3
55 26.9 20.6 31.0
61 26.0 20.5 30.7

Manual Integrations
APPROVED

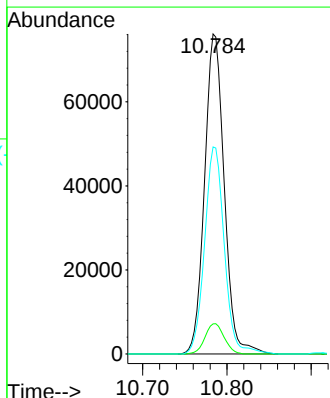
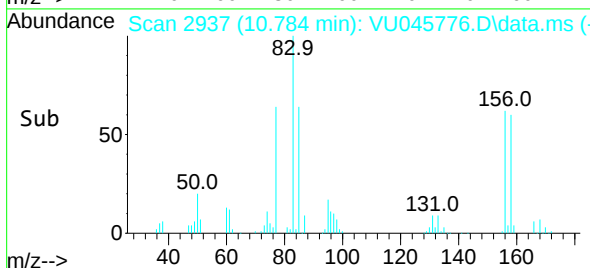
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

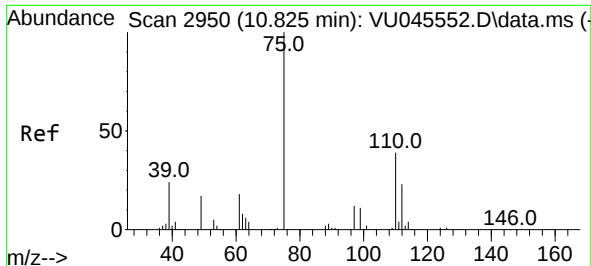


#75
1,1,2,2-Tetrachloroethane
Concen: 51.309 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53



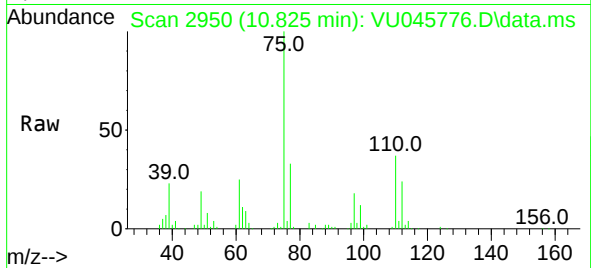
Tgt Ion: 83 Resp: 123752
Ion Ratio Lower Upper
83 100
131 9.2 4.4 13.2
85 64.9 31.9 95.9





#76
1,2,3-Trichloropropane
Concen: 43.442 ug/l m
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

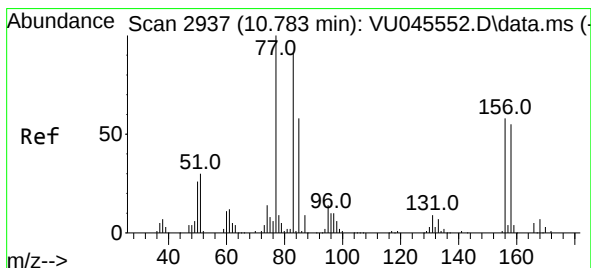
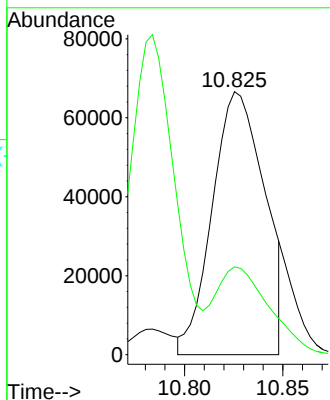
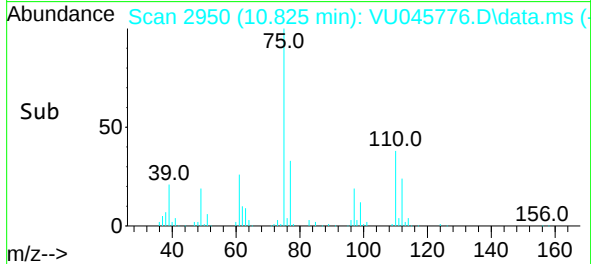
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MSD



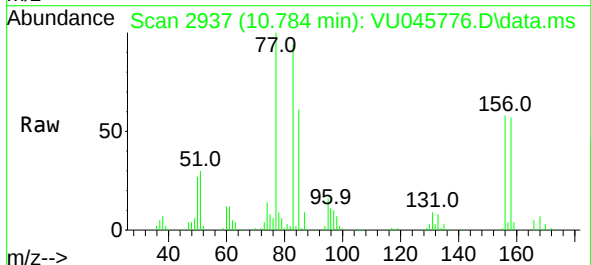
Tgt Ion: 75 Resp: 12274
Ion Ratio Lower Upper
75 100
77 34.8 17.1 51.3

Manual Integrations
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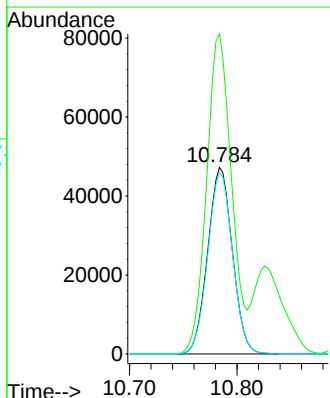
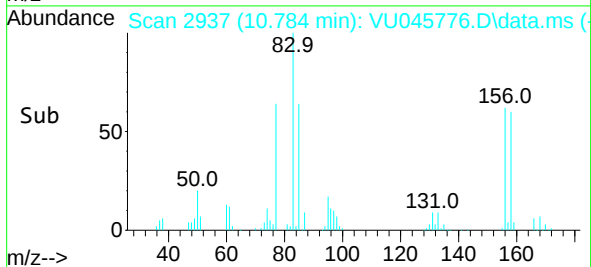
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

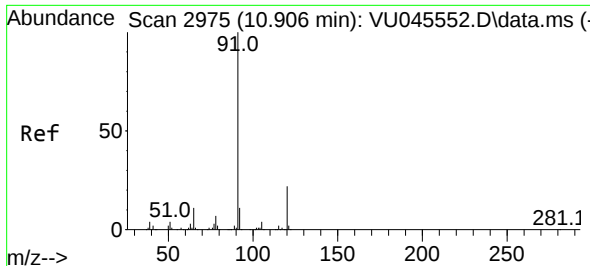


#77
Bromobenzene
Concen: 50.926 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53



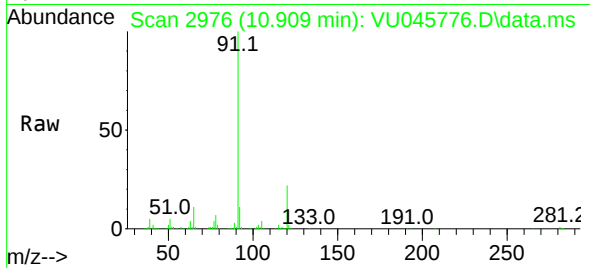
Tgt Ion:156 Resp: 75269
Ion Ratio Lower Upper
156 100
77 173.4 91.1 273.4
158 97.5 47.9 143.6





#78
n-propylbenzene
Concen: 50.471 ug/l
RT: 10.909 min Scan# 2975
Delta R.T. 0.003 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

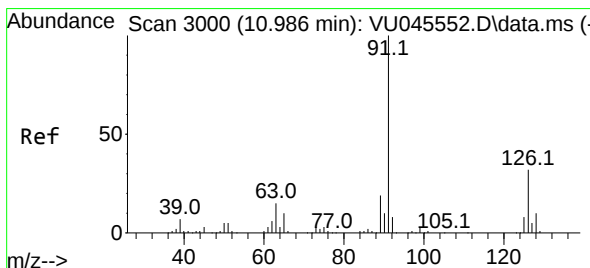
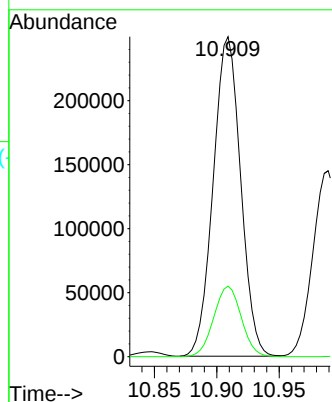
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MSD



Tgt Ion: 91 Resp: 382390
Ion Ratio Lower Upper
91 100
120 22.2 10.9 32.7

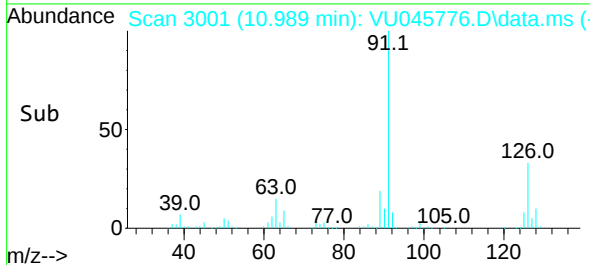
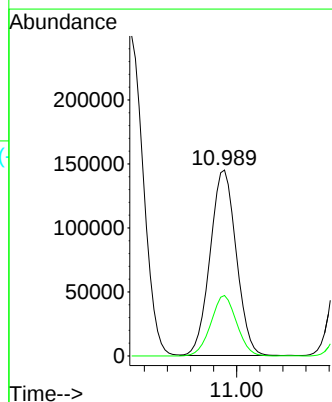
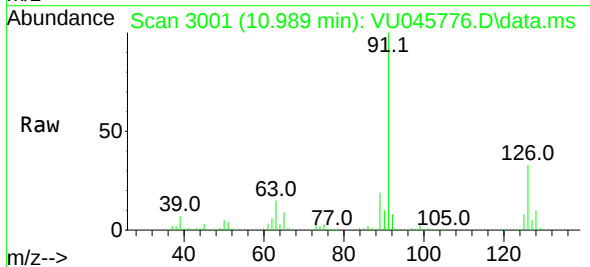
Manual Integrations
APPROVED

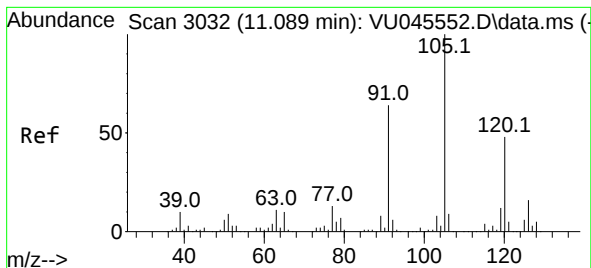
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#79
2-Chlorotoluene
Concen: 50.915 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.003 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

Tgt Ion: 91 Resp: 227910
Ion Ratio Lower Upper
91 100
126 32.1 15.6 46.8





#80

1,3,5-Trimethylbenzene

Concen: 51.184 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

Instrument :

MSVOA_U

ClientSampleId :

MH-117T-20211109MSD

Tgt Ion:105 Resp: 272230

Ion Ratio Lower Upper

105 100

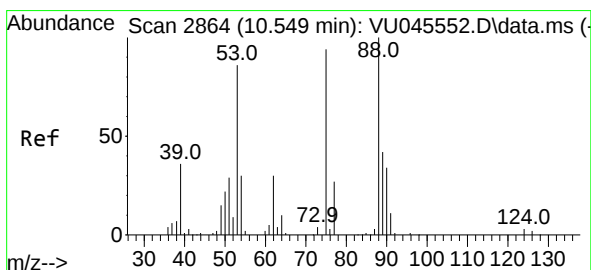
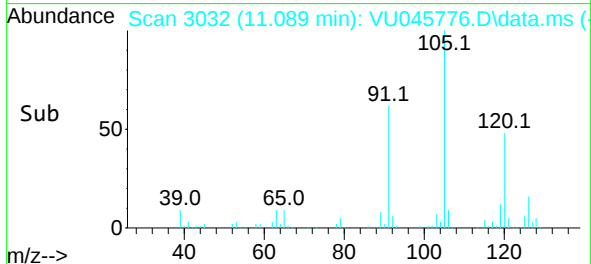
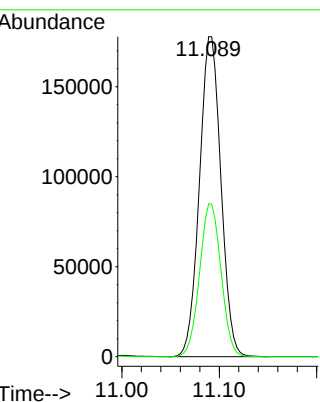
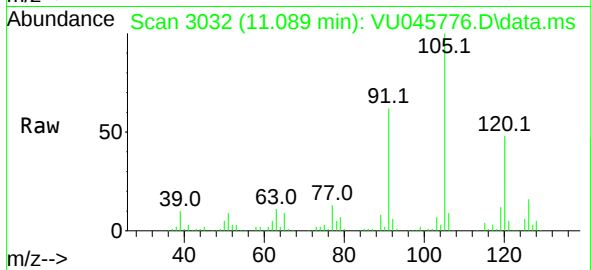
120 47.7 23.9 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#81

trans-1,4-Dichloro-2-butene

Concen: 41.034 ug/l

RT: 10.549 min Scan# 2864

Delta R.T. -0.000 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

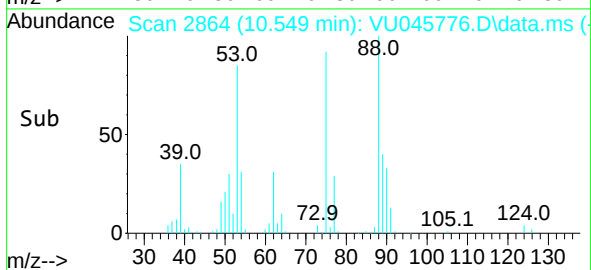
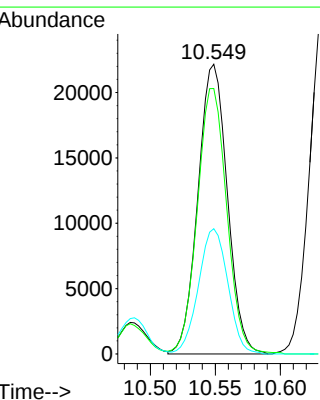
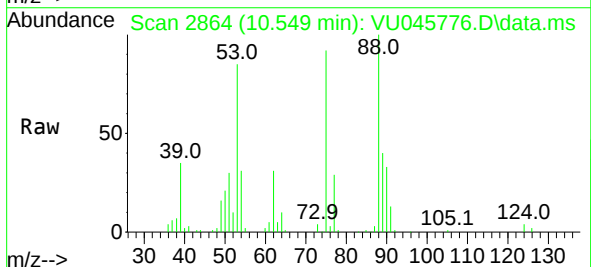
Tgt Ion: 75 Resp: 34899

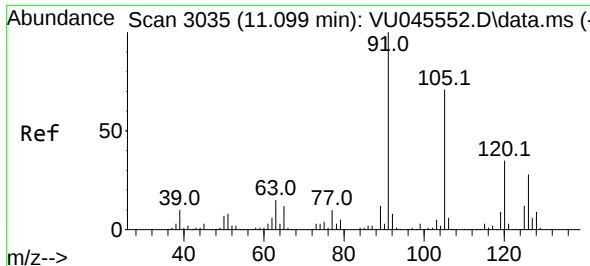
Ion Ratio Lower Upper

75 100

53 91.9 76.2 114.4

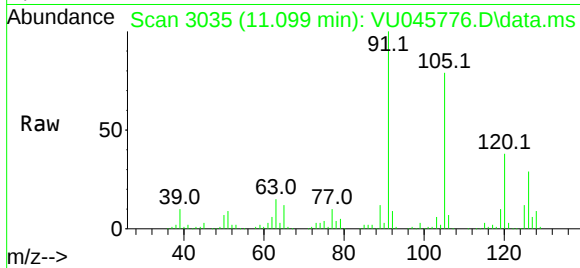
89 43.2 34.0 51.0





#82
4-Chlorotoluene
Concen: 50.475 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

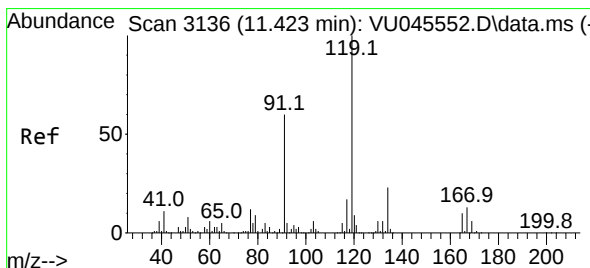
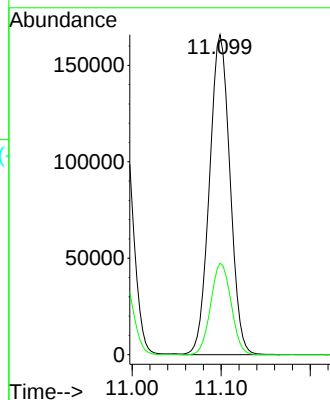
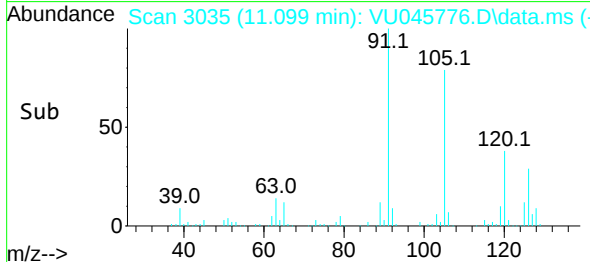
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MSD



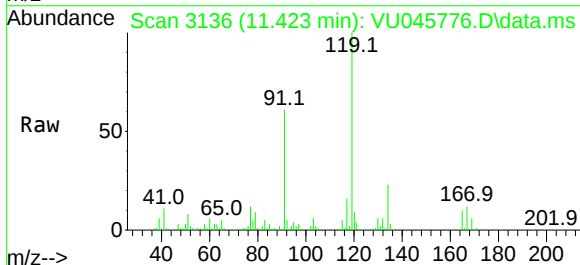
Tgt Ion: 91 Resp: 264978
Ion Ratio Lower Upper
91 100
126 28.3 13.8 41.4

Manual Integrations
APPROVED

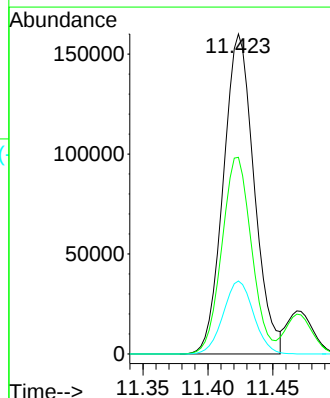
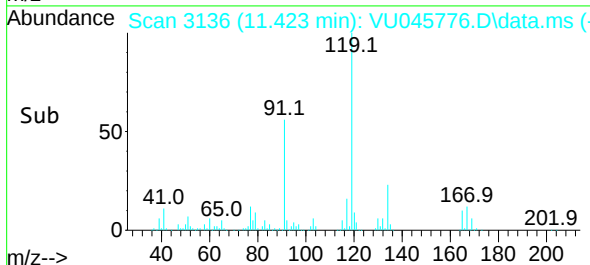
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

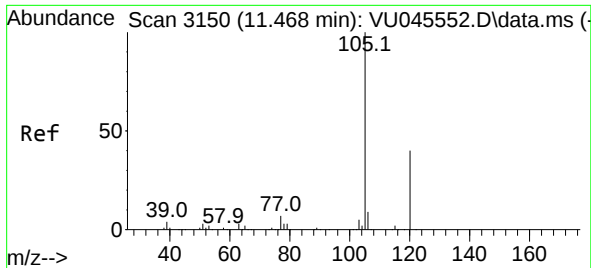


#83
tert-Butylbenzene
Concen: 51.972 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53



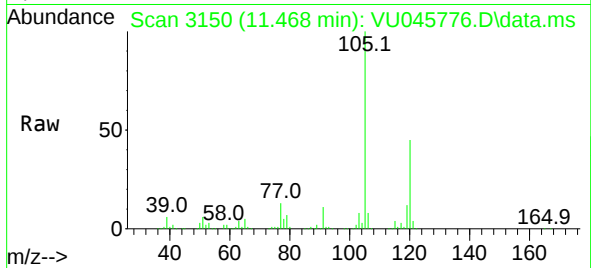
Tgt Ion:119 Resp: 263507
Ion Ratio Lower Upper
119 100
91 59.6 30.5 91.5
134 22.5 11.5 34.5





#84
1,2,4-Trimethylbenzene
Concen: 51.789 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

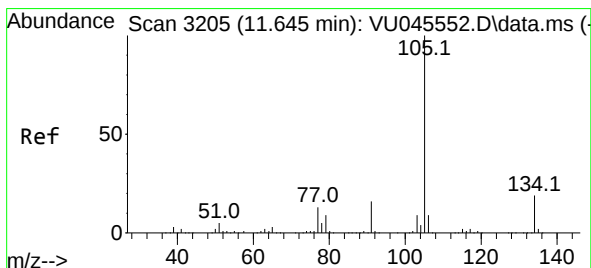
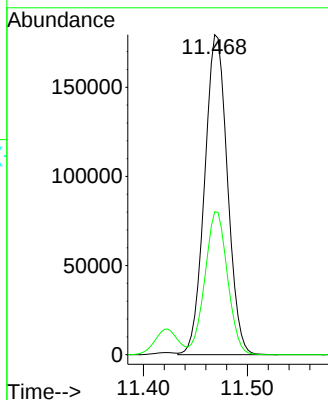
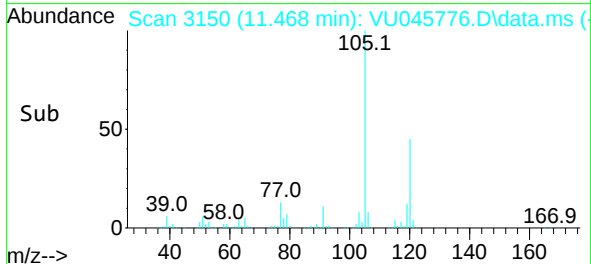
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MSD



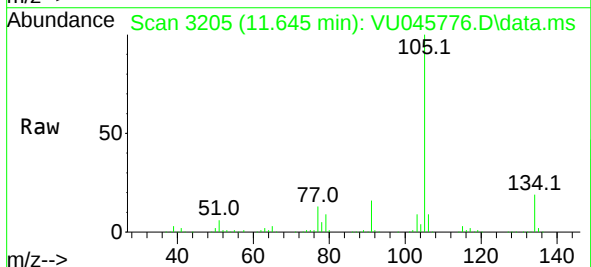
Tgt Ion:105 Resp: 273768
Ion Ratio Lower Upper
105 100
120 44.2 22.2 66.6

Manual Integrations
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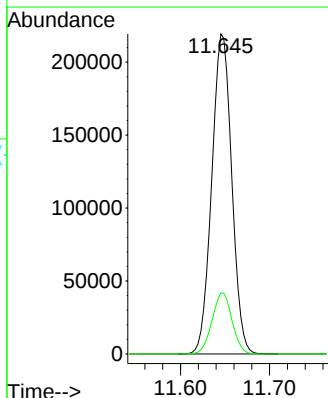
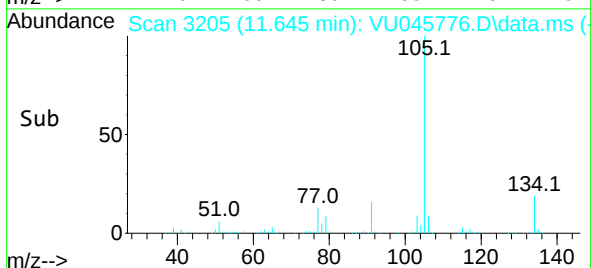
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

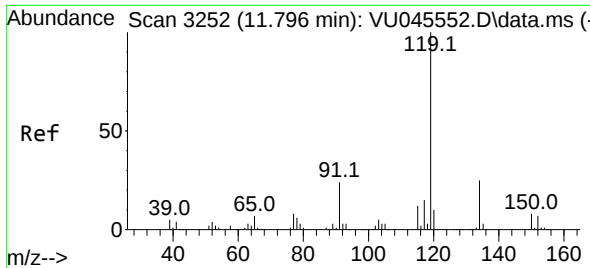


#85
sec-Butylbenzene
Concen: 50.716 ug/l
RT: 11.645 min Scan# 3205
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53



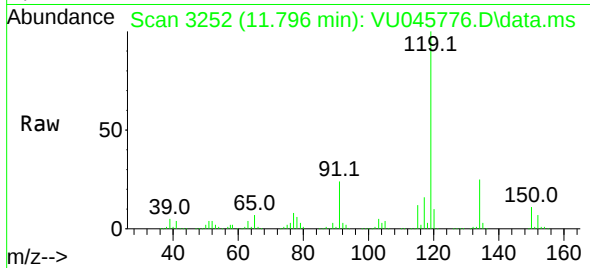
Tgt Ion:105 Resp: 341028
Ion Ratio Lower Upper
105 100
134 19.1 9.4 28.3





#86
p-Isopropyltoluene
Concen: 50.529 ug/l
RT: 11.796 min Scan# 3119
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

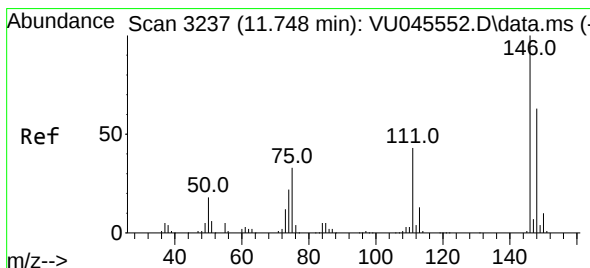
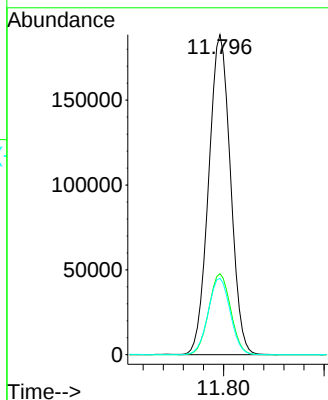
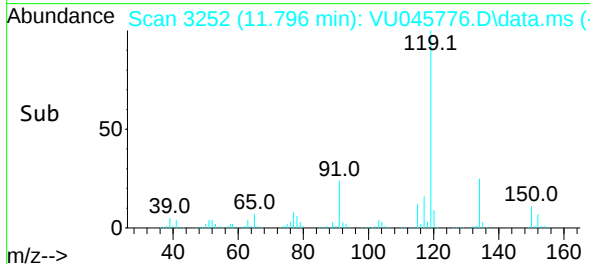
Instrument :
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ClientSampleId :
MH-117T-20211109MSD



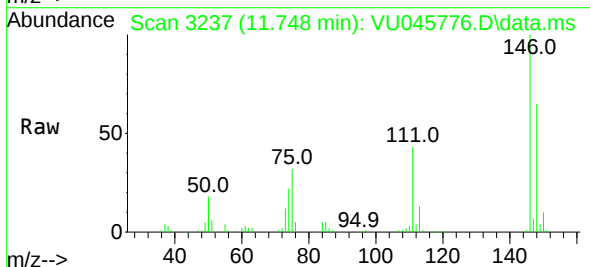
Tgt Ion:119 Resp: 283924
Ion Ratio Lower Upper
119 100
134 25.4 12.7 38.1
91 24.2 12.2 36.4

Manual Integrations
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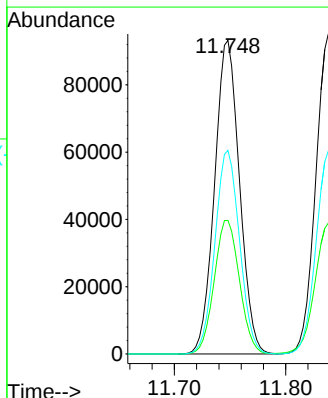
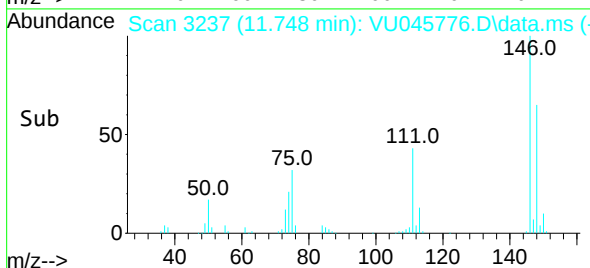
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

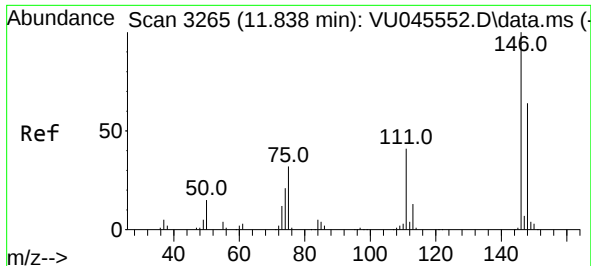


#87
1,3-Dichlorobenzene
Concen: 48.612 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53



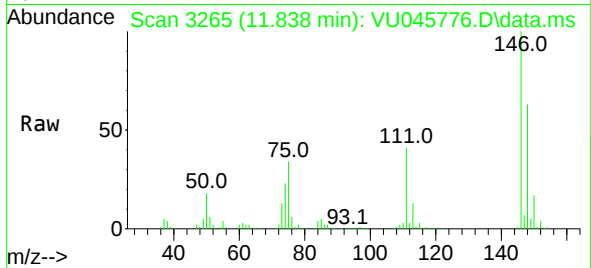
Tgt Ion:146 Resp: 144969
Ion Ratio Lower Upper
146 100
111 43.1 21.3 63.9
148 64.2 31.7 95.1





#88
1,4-Dichlorobenzene
Concen: 49.029 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

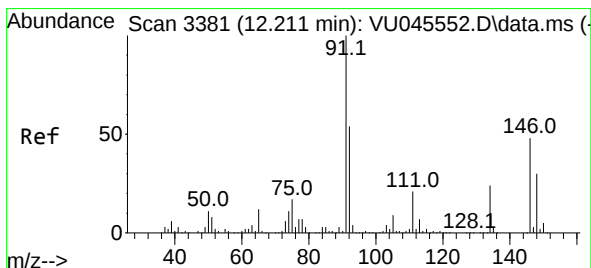
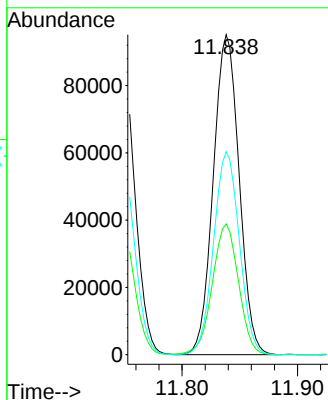
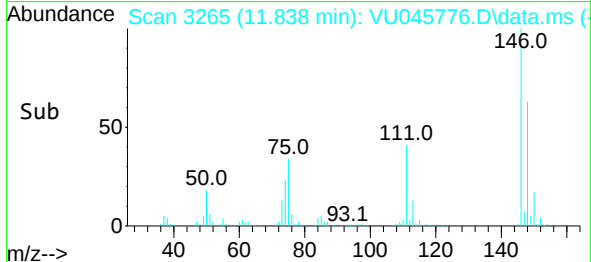
Instrument :
MSVOA_U
ClientSampleId :
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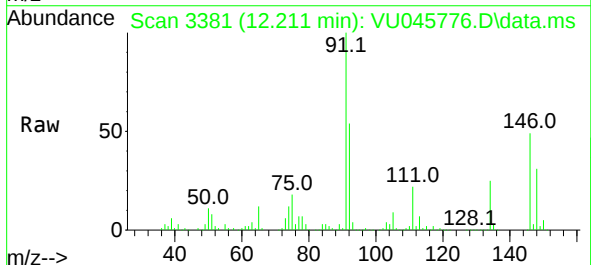
Tgt Ion:146 Resp: 147877
Ion Ratio Lower Upper
146 100
111 41.6 20.6 61.9
148 63.3 31.9 95.7

Manual Integrations
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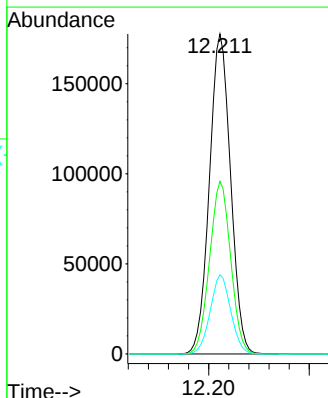
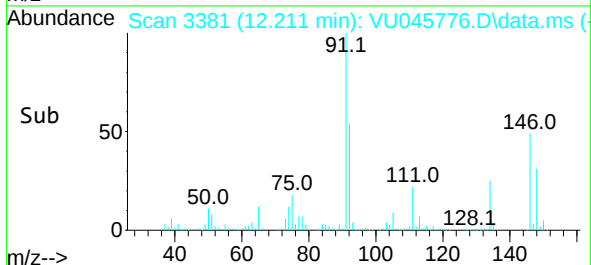
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

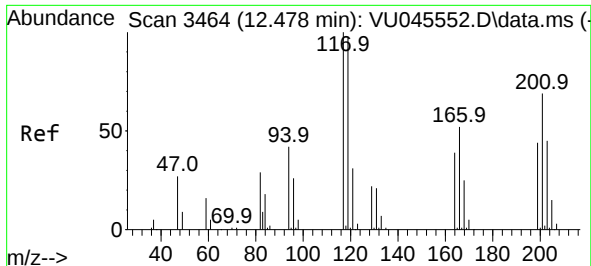


#89
n-Butylbenzene
Concen: 47.918 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53



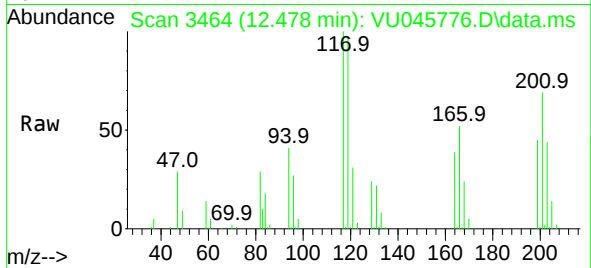
Tgt Ion: 91 Resp: 259370
Ion Ratio Lower Upper
91 100
92 53.8 27.1 81.2
134 24.0 11.8 35.4





#90
Hexachloroethane
Concen: 47.349 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

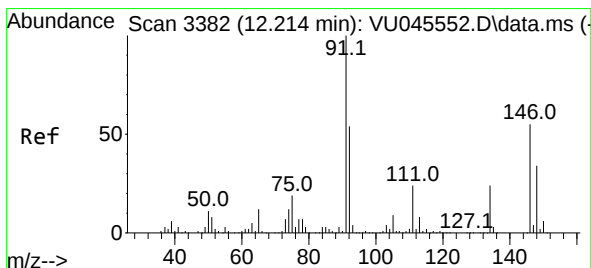
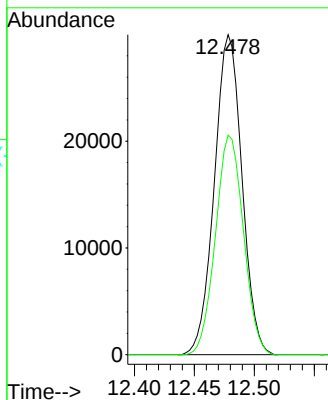
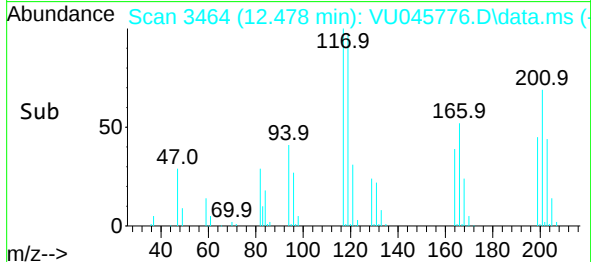
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MSD



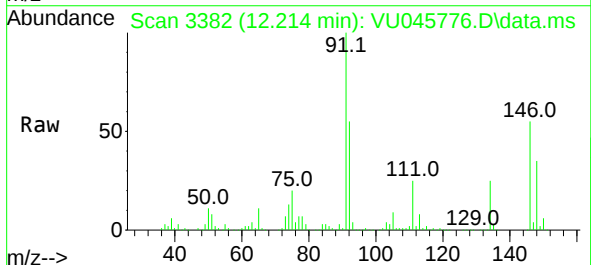
Tgt Ion:117 Resp: 47990
Ion Ratio Lower Upper
117 100
201 69.5 33.8 101.4

Manual Integrations
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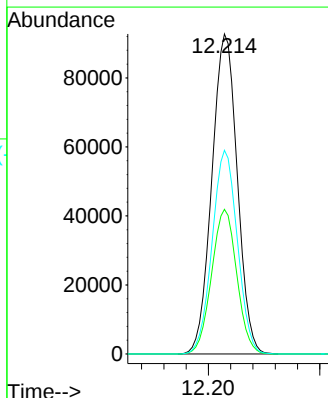
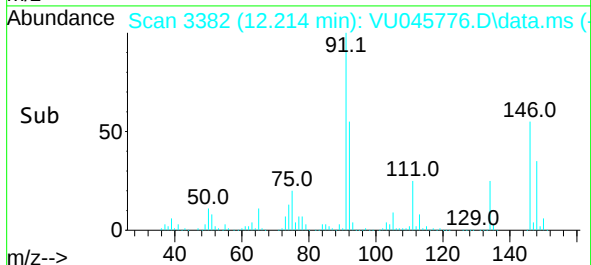
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

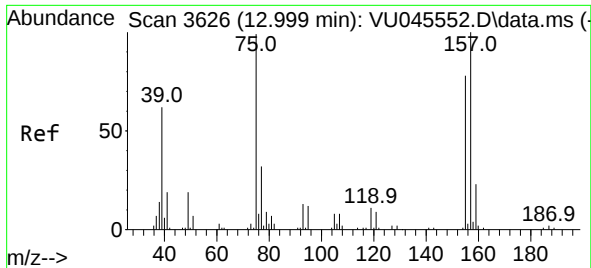


#91
1,2-Dichlorobenzene
Concen: 50.636 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53



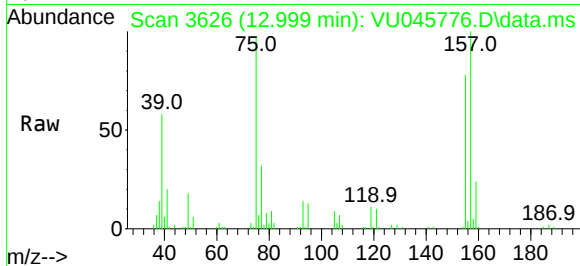
Tgt Ion:146 Resp: 146914
Ion Ratio Lower Upper
146 100
111 44.8 21.9 65.5
148 63.3 32.1 96.3





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.384 ug/l
 RT: 12.999 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VU045776.D
 Acq: 12 Nov 2021 17:53

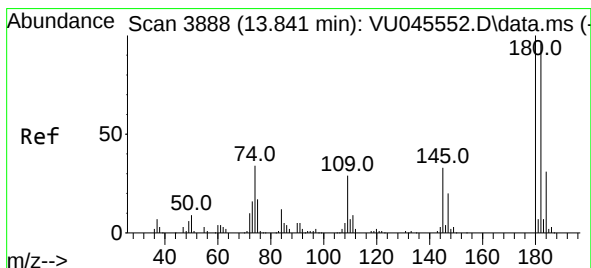
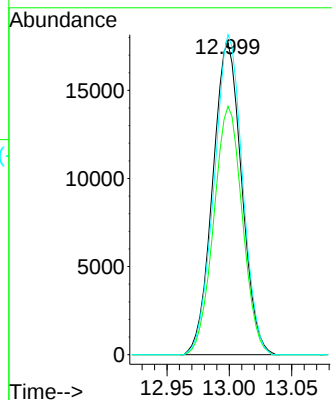
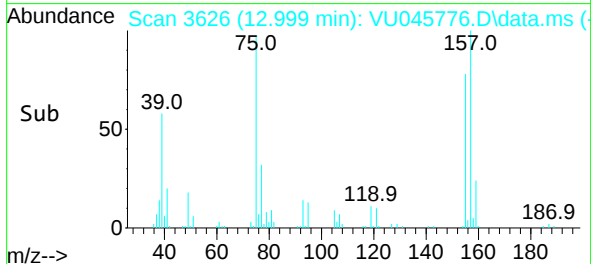
Instrument :
 MSVOA_U
 ClientSampleId :
 MH-117T-20211109MSD



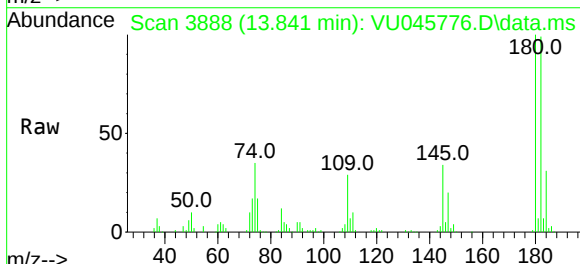
Tgt Ion: 75 Resp: 28674
 Ion Ratio Lower Upper
 75 100
 155 78.5 37.8 113.3
 157 100.2 48.4 145.2

Manual Integrations
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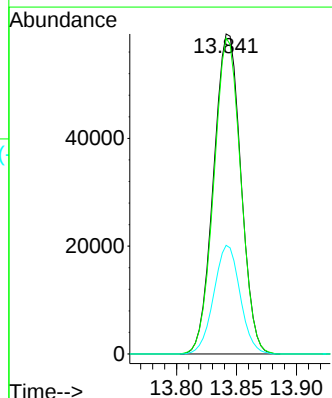
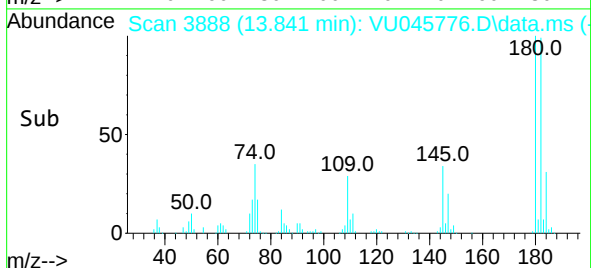
Reviewed By :John Carlone 11/15/2021
 Supervised By :Mahesh Dadoda 11/16/2021

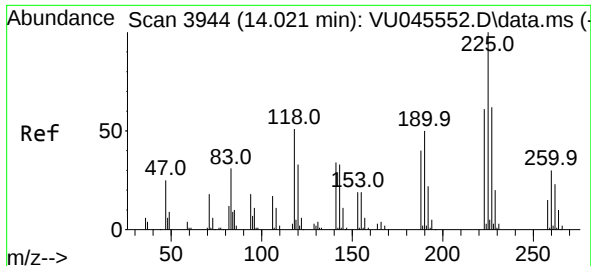


#93
 1,2,4-Trichlorobenzene
 Concen: 46.805 ug/l
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU045776.D
 Acq: 12 Nov 2021 17:53



Tgt Ion:180 Resp: 93895
 Ion Ratio Lower Upper
 180 100
 182 97.1 47.0 141.2
 145 32.8 15.6 46.7





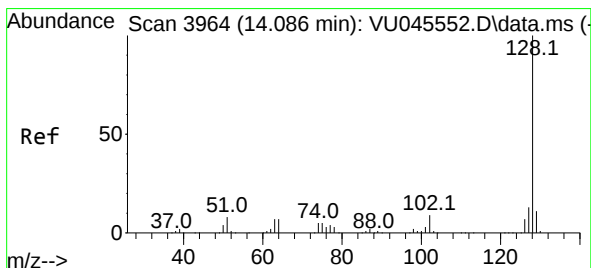
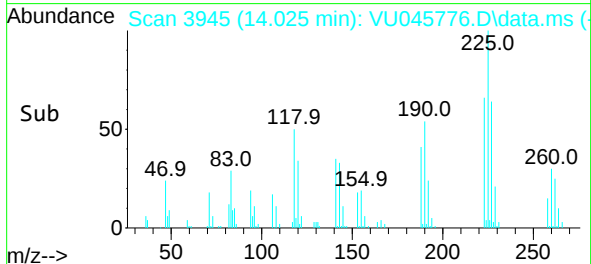
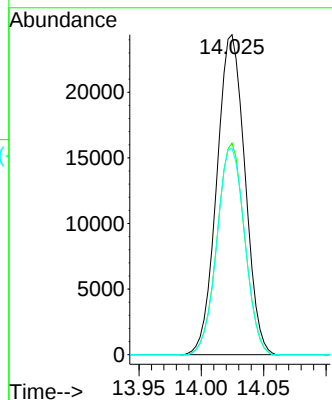
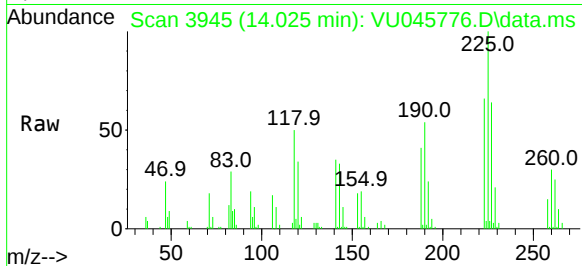
#94
Hexachlorobutadiene
Concen: 44.305 ug/l
RT: 14.025 min Scan# 3944
Delta R.T. 0.003 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MSD

Tgt Ion:225 Resp: 38360
Ion Ratio Lower Upper
225 100
223 64.6 32.0 96.2
227 64.0 31.1 93.5

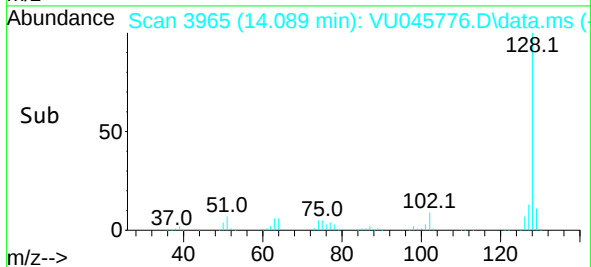
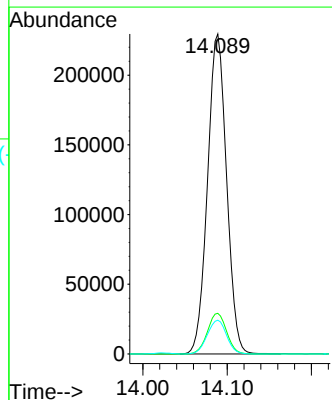
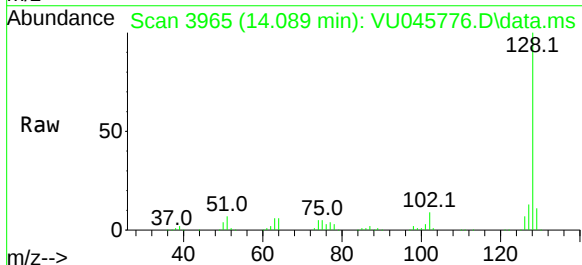
Manual Integrations
APPROVED

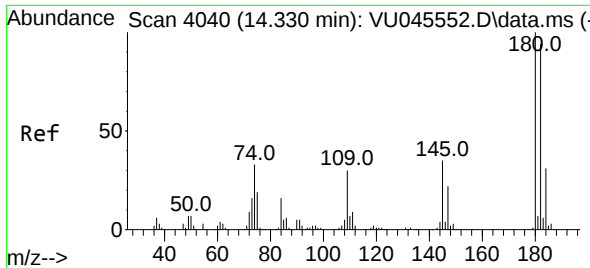
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#95
Naphthalene
Concen: 47.930 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

Tgt Ion:128 Resp: 361147
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 10.7 8.6 13.0





#96

1,2,3-Trichlorobenzene

Concen: 50.464 ug/l

RT: 14.333 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU045776.D

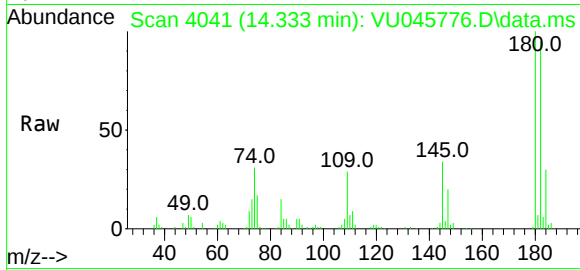
Acq: 12 Nov 2021 17:53

Instrument :

MSVOA_U

ClientSampleId :

MH-117T-20211109MSD



Tgt Ion:180 Resp: 10055

Ion Ratio Lower Upper

180 100

182 95.5 47.7 143.1

145 35.0 16.7 50.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021

