

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111221\
 Data File : VU045775.D
 Acq On : 12 Nov 2021 17:30
 Operator : SY/MD
 Sample : M4606-03MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Nov 15 05:21:56 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	5.375	168	95522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	171917	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	167829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	89065	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	84042	58.748	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 117.500%#			
35) Dibromofluoromethane	5.292	113	65969	57.474	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.940%			
50) Toluene-d8	7.899	98	242126	56.730	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 113.460%#			
62) 4-Bromofluorobenzene	10.635	95	94277	55.085	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.180%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	56467	45.593	ug/l	99
3) Chloromethane	1.520	50	64061	45.207	ug/l	100
4) Vinyl Chloride	1.604	62	68867	49.890	ug/l	98
5) Bromomethane	1.842	94	42749	55.523	ug/l	100
6) Chloroethane	1.925	64	42820	47.533	ug/l	98
7) Trichlorofluoromethane	2.134	101	91751	50.264	ug/l	98
8) Diethyl Ether	2.375	74	37273	51.585	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.578	101	53665	50.349	ug/l	98
10) Methyl Iodide	2.723	142	50592	36.271	ug/l	92
11) Tert butyl alcohol	3.179	59	84854	299.676	ug/l	99
12) 1,1-Dichloroethene	2.578	96	51712	49.207	ug/l	97
13) Acrolein	2.485	56	11485	279.901	ug/l	100
14) Allyl chloride	2.922	41	94505	50.363	ug/l	98
15) Acrylonitrile	3.311	53	213716	282.698	ug/l	98
16) Acetone	2.626	43	168070	230.795	ug/l	97
17) Carbon Disulfide	2.793	76	125602	42.670	ug/l	99
18) Methyl Acetate	2.948	43	130736	52.709	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	201200	53.187	ug/l	99
20) Methylene Chloride	3.047	84	64635	51.081	ug/l	99
21) trans-1,2-Dichloroethene	3.353	96	56161	51.368	ug/l	97
22) Diisopropyl ether	3.996	45	200525	54.424	ug/l	92
23) Vinyl Acetate	3.957	43	746411	263.397	ug/l	100
24) 1,1-Dichloroethane	3.870	63	117782	53.644	ug/l	98
25) 2-Butanone	4.700	43	276672	273.929	ug/l	99
26) 2,2-Dichloropropane	4.668	77	89602	49.248	ug/l	98
27) cis-1,2-Dichloroethene	4.668	96	69390	54.037	ug/l	99
28) Bromochloromethane	4.976	49	57465	54.899	ug/l	97
29) Tetrahydrofuran	5.050	42	174000	281.641	ug/l	100
30) Chloroform	5.092	83	118150	54.411	ug/l	100
31) Cyclohexane	5.391	56	95942	45.964	ug/l	99
32) 1,1,1-Trichloroethane	5.317	97	98452	53.167	ug/l	99
36) 1,1-Dichloropropene	5.526	75	80504	48.024	ug/l	99
37) Ethyl Acetate	4.803	43	100281	52.078	ug/l	99
38) Carbon Tetrachloride	5.526	117	85020	50.307	ug/l	97
39) Methylcyclohexane	6.764	83	92979	45.212	ug/l	96
40) Benzene	5.774	78	245649	49.496	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111221\
 Data File : VU045775.D
 Acq On : 12 Nov 2021 17:30
 Operator : SY/MD
 Sample : M4606-03MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Nov 15 05:21:56 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)
41) Methacrylonitrile	4.973	41	55341	54.383	ug/l	99
42) 1,2-Dichloroethane	5.796	62	93568	52.195	ug/l	99
43) Isopropyl Acetate	5.912	43	149282	50.685	ug/l	99
44) Trichloroethene	6.546	130	70801	59.598	ug/l	100
45) 1,2-Dichloropropane	6.793	63	68846	52.426	ug/l	97
46) Dibromomethane	6.919	93	47755	52.484	ug/l	99
47) Bromodichloromethane	7.108	83	92654	53.666	ug/l	96
48) Methyl methacrylate	6.960	41	70084	51.698	ug/l	95
49) 1,4-Dioxane	6.964	88	40429	1159.679	ug/l #	98
51) 4-Methyl-2-Pentanone	7.793	43	530341	272.965	ug/l	99
52) Toluene	7.970	92	156721	51.579	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	98216	49.499	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	104877	49.763	ug/l	95
55) 1,1,2-Trichloroethane	8.401	97	67701	53.761	ug/l	97
56) Ethyl methacrylate	8.333	69	102621	45.654	ug/l	98
57) 1,3-Dichloropropane	8.578	76	118996	52.465	ug/l	100
59) 2-Hexanone	8.684	43	405394	240.105	ug/l	100
60) Dibromochloromethane	8.812	129	71268	54.350	ug/l	99
61) 1,2-Dibromoethane	8.925	107	69653	51.572	ug/l	99
64) Tetrachloroethene	8.555	164	51282	53.238	ug/l	98
65) Chlorobenzene	9.449	112	163433	49.576	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.536	131	60963	51.851	ug/l	98
67) Ethyl Benzene	9.571	91	296959	50.301	ug/l	100
68) m/p-Xylenes	9.697	106	231620	104.031	ug/l	99
69) o-Xylene	10.102	106	111806	51.653	ug/l	99
70) Styrene	10.115	104	192856	52.665	ug/l	99
71) Bromoform	10.295	173	52104	47.018	ug/l #	100
73) Isopropylbenzene	10.488	105	299252	51.423	ug/l	99
74) N-amyl acetate	10.320	43	121752	46.377	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.783	83	119765	51.944	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	111346m	41.225	ug/l	
77) Bromobenzene	10.783	156	71010	50.258	ug/l	95
78) n-propylbenzene	10.909	91	359358	49.615	ug/l	100
79) 2-Chlorotoluene	10.989	91	215186	50.287	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	255250	50.202	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	32326	39.853	ug/l	99
82) 4-Chlorotoluene	11.098	91	250456	49.907	ug/l	99
83) tert-Butylbenzene	11.423	119	247003	50.962	ug/l	98
84) 1,2,4-Trimethylbenzene	11.471	105	257193	50.896	ug/l	100
85) sec-Butylbenzene	11.645	105	321969	50.088	ug/l	100
86) p-Isopropyltoluene	11.796	119	263716	49.095	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	134865	47.308	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	138042	47.877	ug/l	99
89) n-Butylbenzene	12.211	91	237814	45.960	ug/l	100
90) Hexachloroethane	12.478	117	45266	46.713	ug/l	99
91) 1,2-Dichlorobenzene	12.214	146	137894	49.717	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.999	75	25802	47.427	ug/l	94
93) 1,2,4-Trichlorobenzene	13.841	180	85992	44.840	ug/l	99
94) Hexachlorobutadiene	14.024	225	35261	42.596	ug/l	99
95) Naphthalene	14.089	128	329970	45.855	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	91364	47.965	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111221\
 Data File : VU045775.D
 Acq On : 12 Nov 2021 17:30
 Operator : SY/MD
 Sample : M4606-03MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

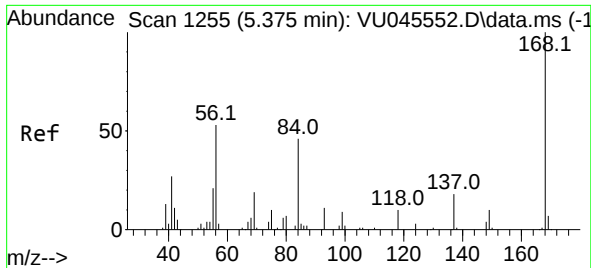
Manual Integrations
APPROVED

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

Quant Time: Nov 15 05:21:56 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

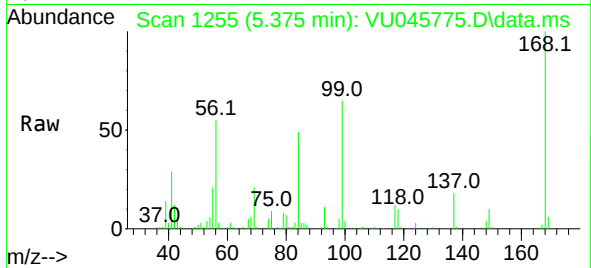
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

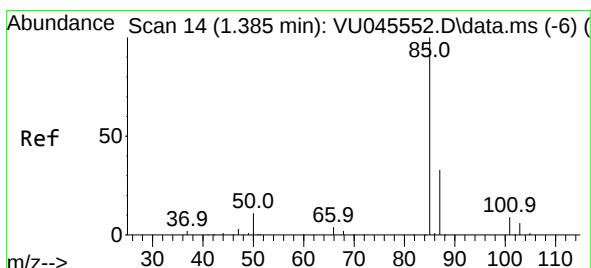
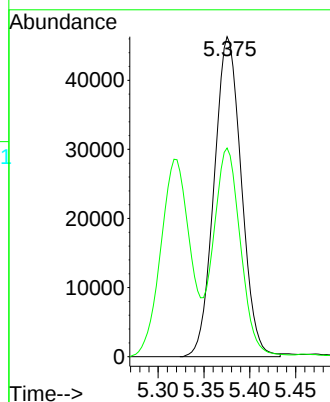
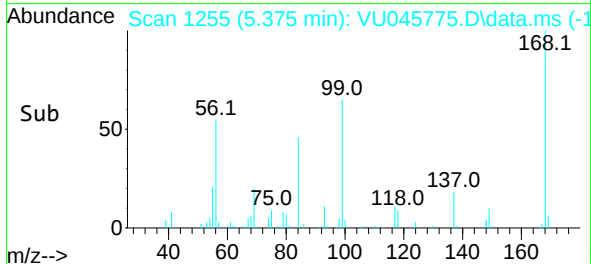
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MS



Tgt Ion:168 Resp: 9552
Ion Ratio Lower Upper
168 100
99 64.5 51.0 76.6

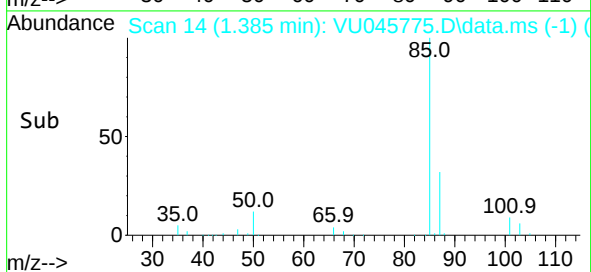
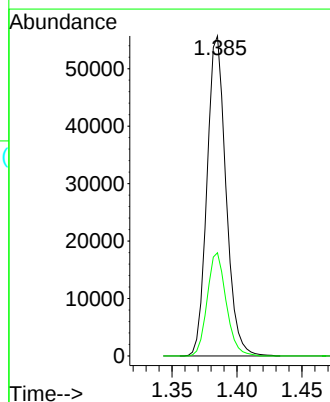
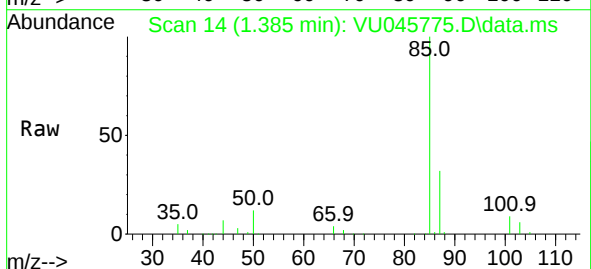
Manual Integrations
APPROVED

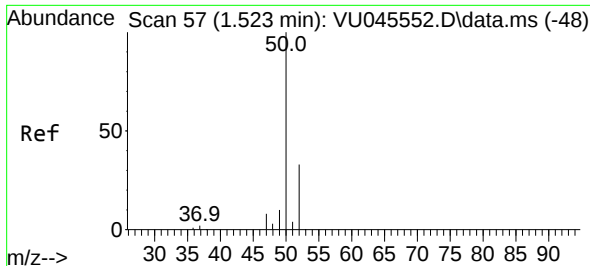
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#2
Dichlorodifluoromethane
Concen: 45.593 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

Tgt Ion: 85 Resp: 56467
Ion Ratio Lower Upper
85 100
87 32.3 15.9 47.7





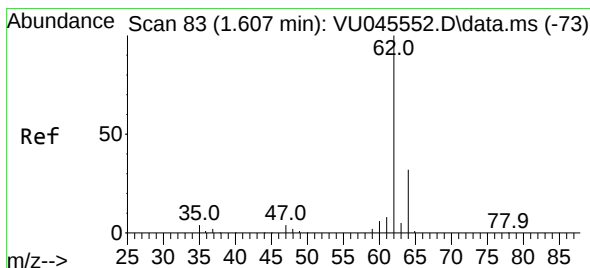
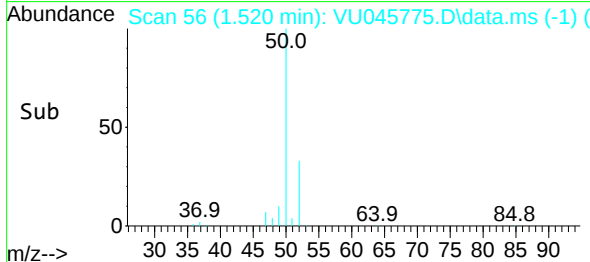
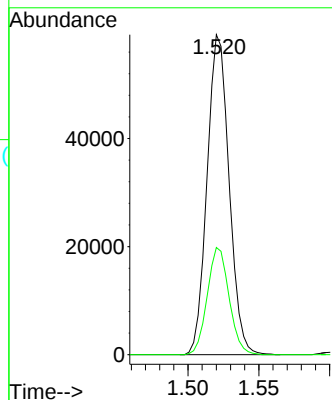
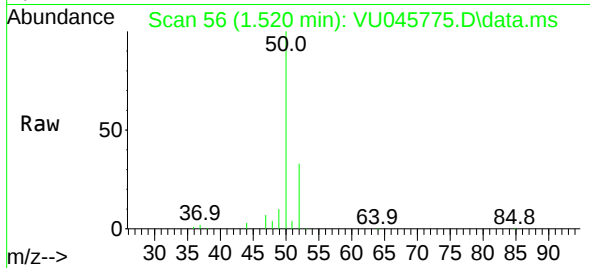
#3
Chloromethane
Concen: 45.207 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

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

Tgt Ion: 50 Resp: 6406
Ion Ratio Lower Upper
50 100
52 33.5 26.6 40.0

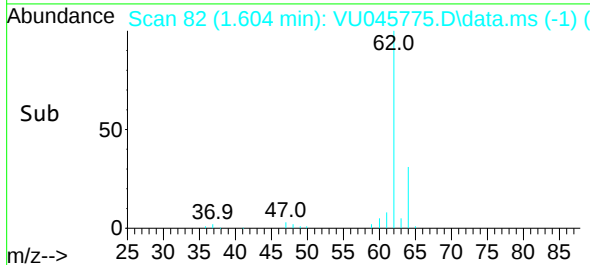
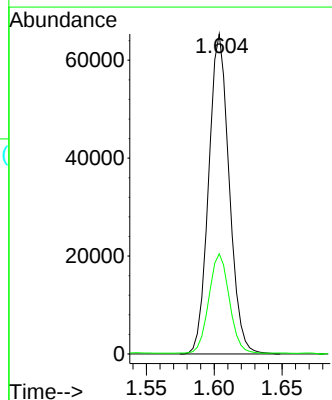
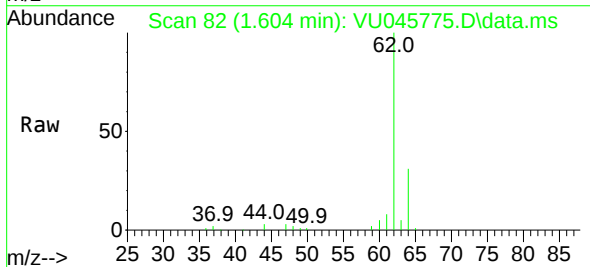
Manual Integrations
APPROVED

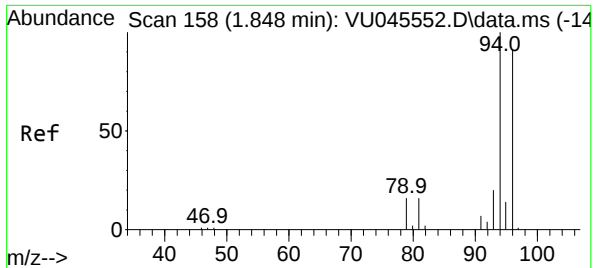
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#4
Vinyl Chloride
Concen: 49.890 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

Tgt Ion: 62 Resp: 68867
Ion Ratio Lower Upper
62 100
64 31.0 25.8 38.6





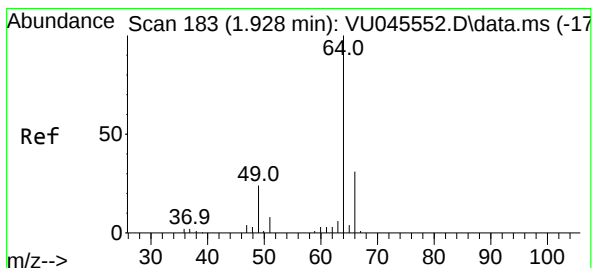
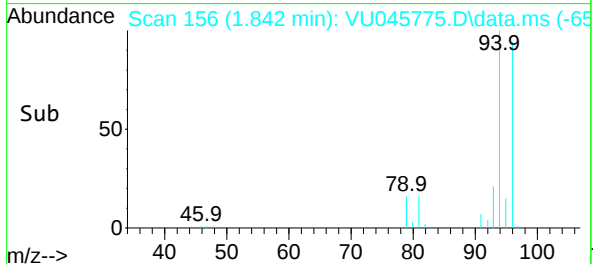
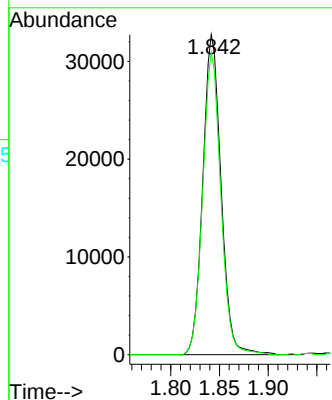
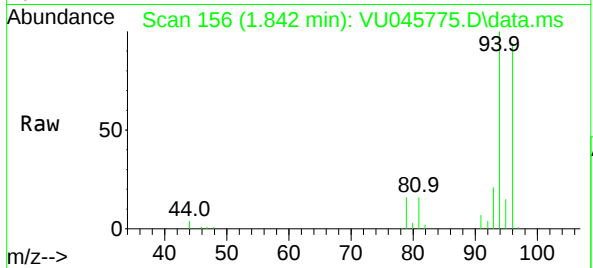
#5
Bromomethane
Concen: 55.523 ug/l
RT: 1.842 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

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

Tgt Ion: 94 Resp: 42749
Ion Ratio Lower Upper
94 100
96 94.5 75.4 113.2

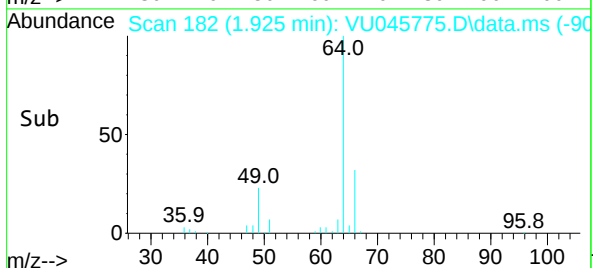
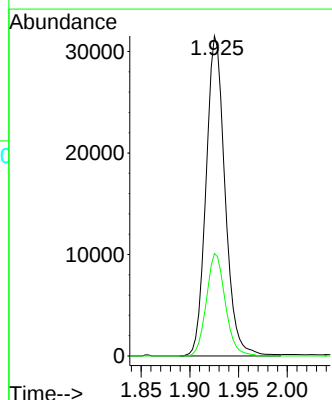
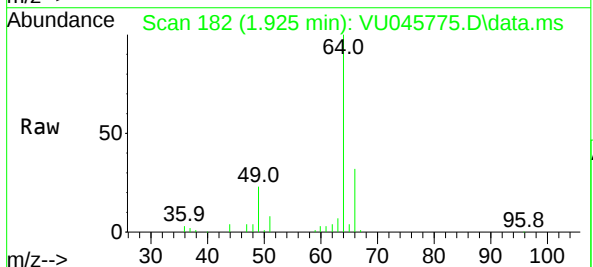
Manual Integrations
APPROVED

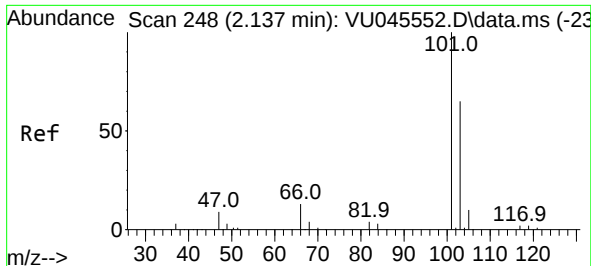
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#6
Chloroethane
Concen: 47.533 ug/l
RT: 1.925 min Scan# 182
Delta R.T. -0.003 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

Tgt Ion: 64 Resp: 42820
Ion Ratio Lower Upper
64 100
66 32.0 26.7 40.1





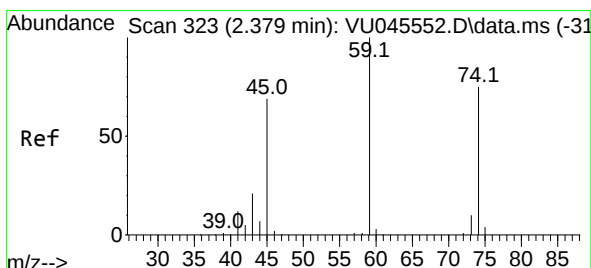
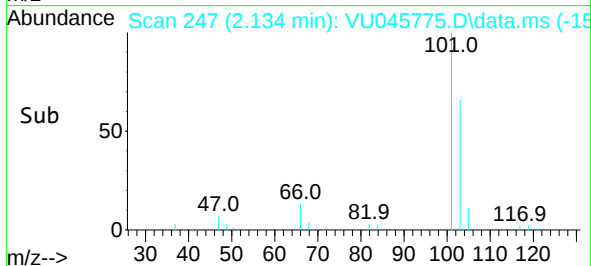
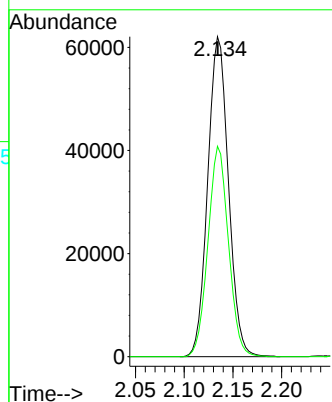
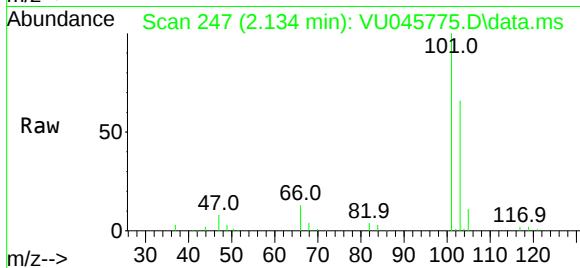
#7
Trichlorofluoromethane
Concen: 50.264 ug/l
RT: 2.134 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

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

Tgt Ion:101 Resp: 9175
Ion Ratio Lower Upper
101 100
103 65.8 51.4 77.0

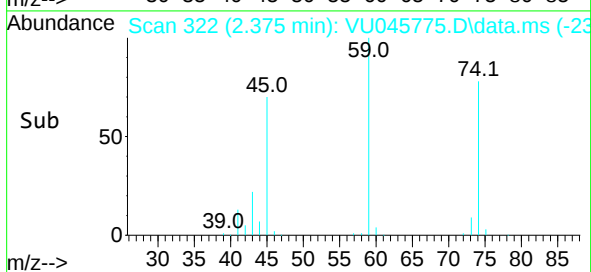
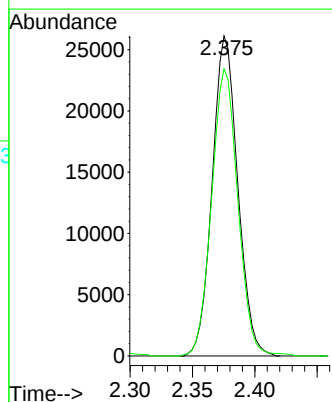
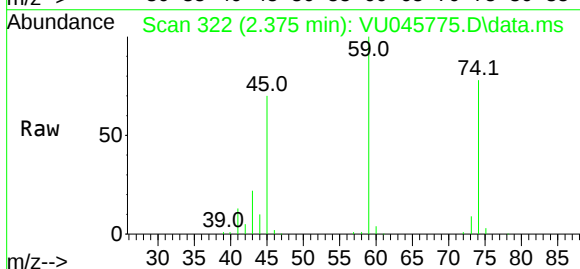
Manual Integrations
APPROVED

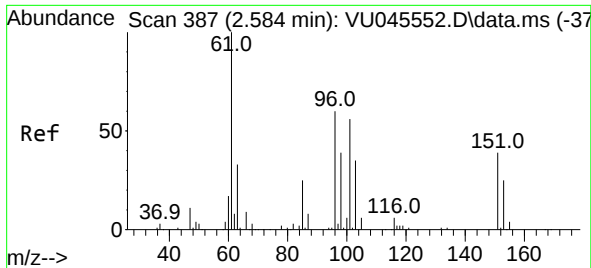
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#8
Diethyl Ether
Concen: 51.585 ug/l
RT: 2.375 min Scan# 322
Delta R.T. -0.003 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

Tgt Ion: 74 Resp: 37273
Ion Ratio Lower Upper
74 100
45 92.1 47.3 141.8





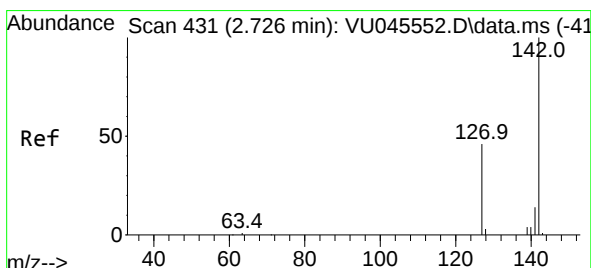
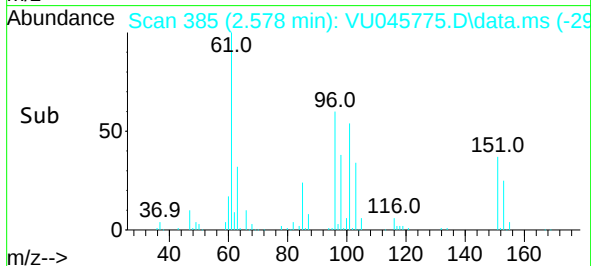
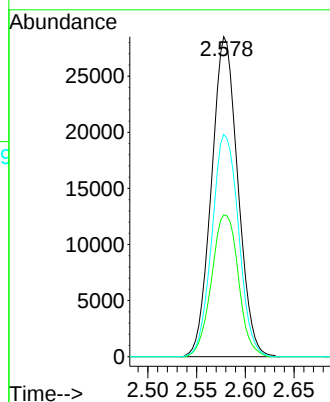
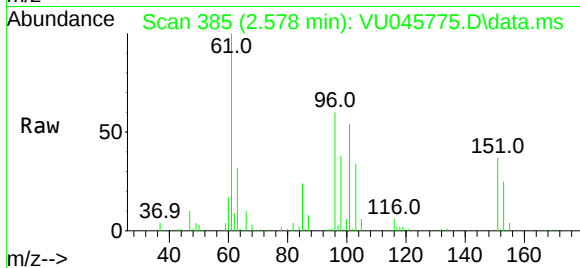
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.349 ug/l
RT: 2.578 min Scan# 387
Delta R.T. -0.007 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

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

Tgt Ion:101 Resp: 5366
Ion Ratio Lower Upper
101 100
85 45.2 35.0 52.4
151 70.3 54.6 82.0

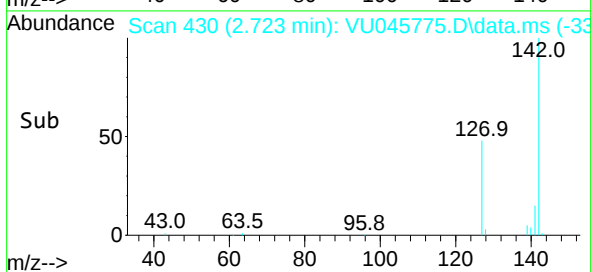
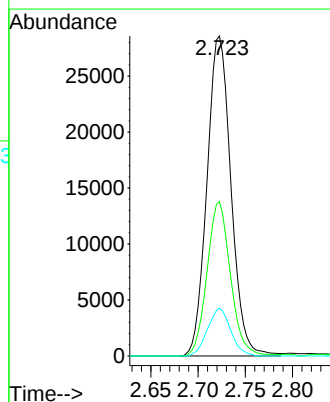
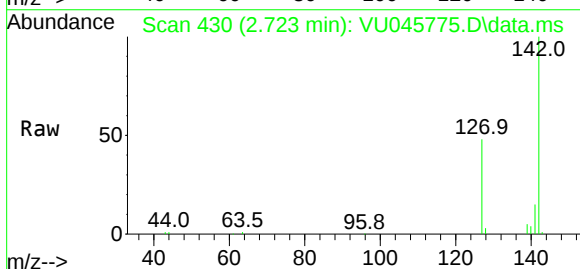
Manual Integrations
APPROVED

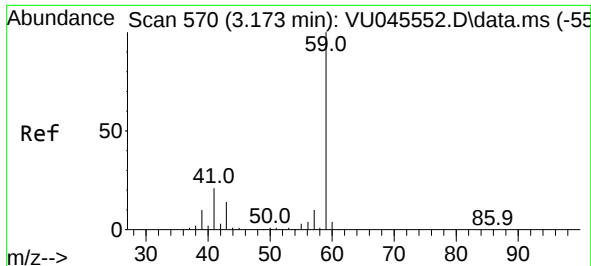
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#10
Methyl Iodide
Concen: 36.271 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.003 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

Tgt Ion:142 Resp: 50592
Ion Ratio Lower Upper
142 100
127 47.0 32.2 48.2
141 14.3 11.3 16.9





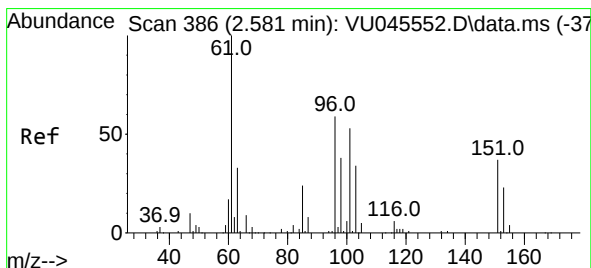
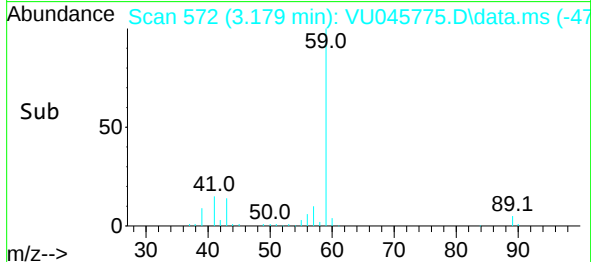
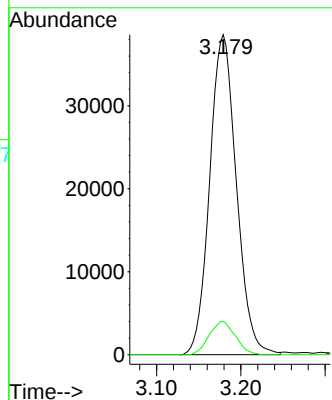
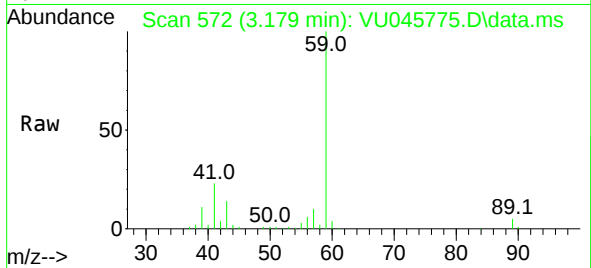
#11
Tert butyl alcohol
Concen: 299.676 ug/l
RT: 3.179 min Scan# 51
Delta R.T. 0.006 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

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

Tgt Ion: 59 Resp: 84854
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

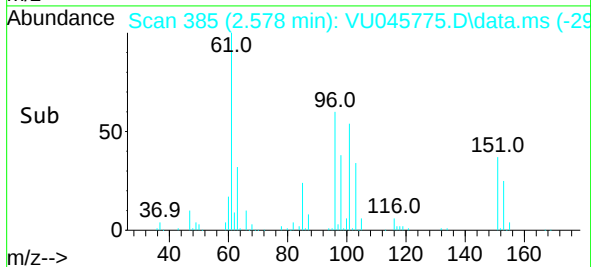
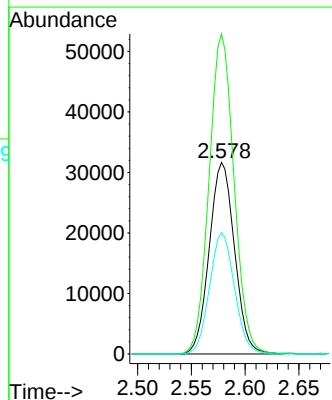
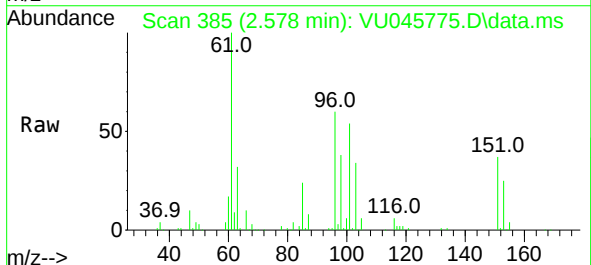
Manual Integrations
APPROVED

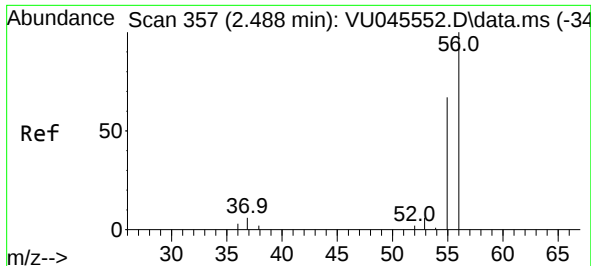
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#12
1,1-Dichloroethene
Concen: 49.207 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

Tgt Ion: 96 Resp: 51712
Ion Ratio Lower Upper
96 100
61 167.1 137.1 205.7
98 63.4 51.5 77.3





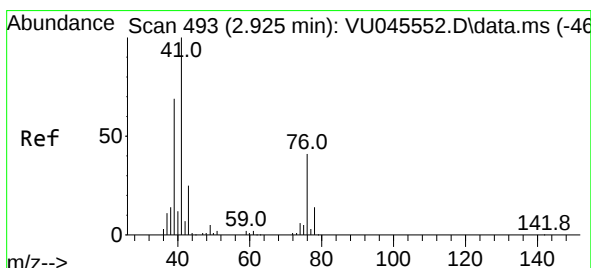
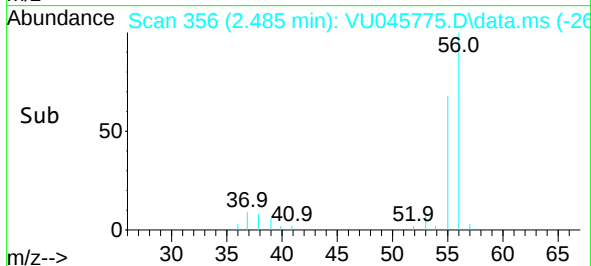
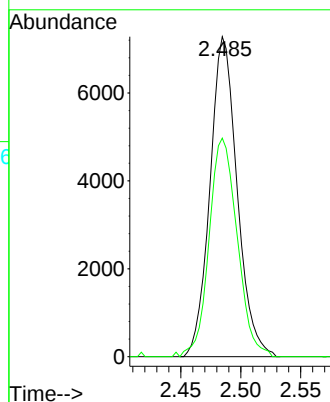
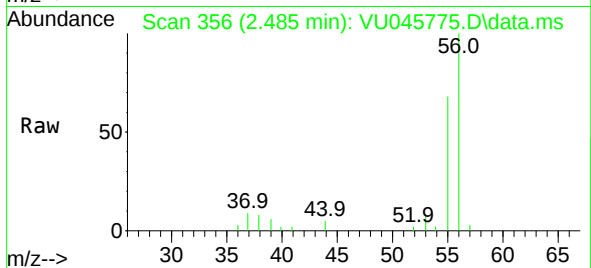
#13
Acrolein
Concen: 279.901 ug/l
RT: 2.485 min Scan# 357
Delta R.T. -0.003 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

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

Tgt Ion: 56 Resp: 11485
Ion Ratio Lower Upper
56 100
55 70.6 56.3 84.5

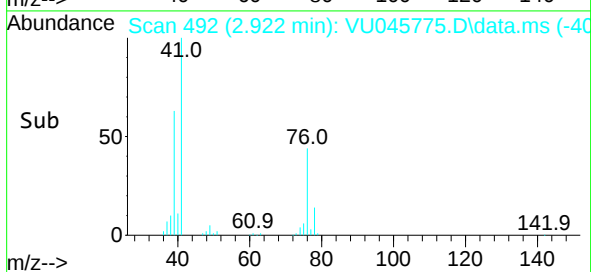
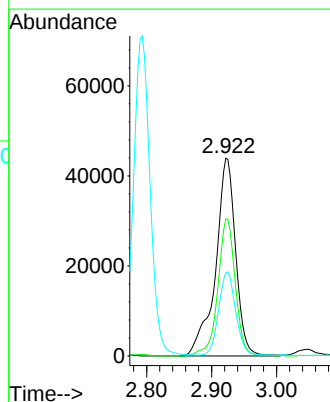
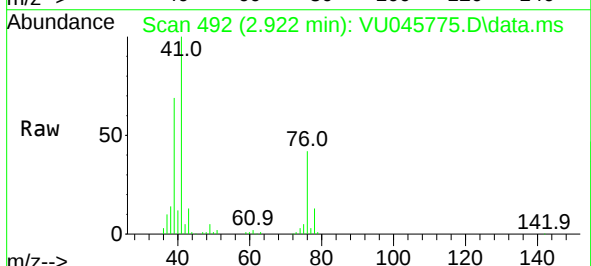
Manual Integrations
APPROVED

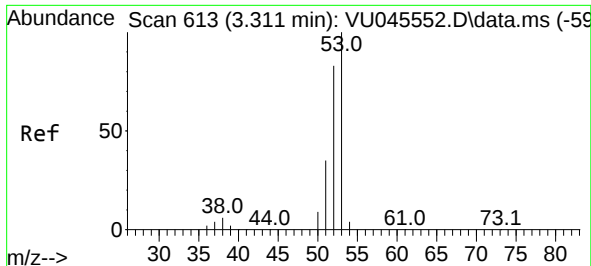
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#14
Allyl chloride
Concen: 50.363 ug/l
RT: 2.922 min Scan# 492
Delta R.T. -0.003 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

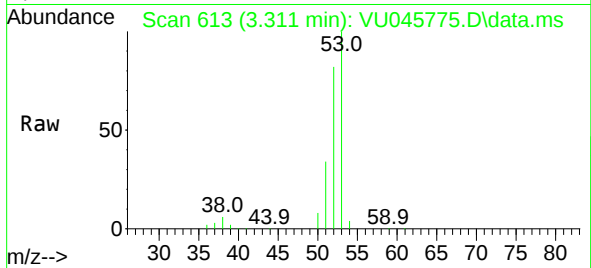
Tgt Ion: 41 Resp: 94505
Ion Ratio Lower Upper
41 100
39 60.0 49.7 74.5
76 35.7 27.7 41.5





#15
Acrylonitrile
Concen: 282.698 ug/l
RT: 3.311 min Scan# 613
Delta R.T. -0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

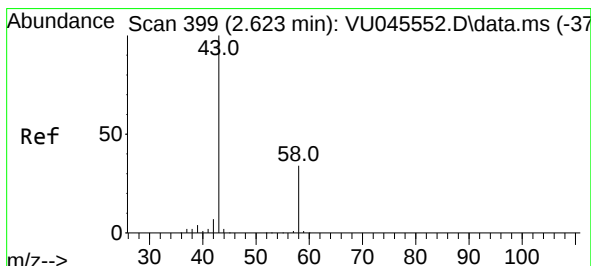
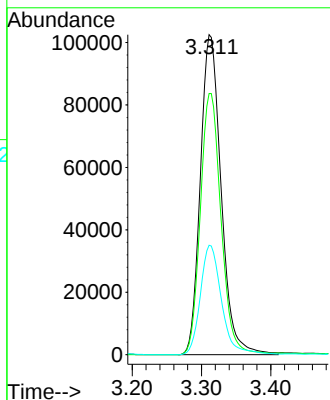
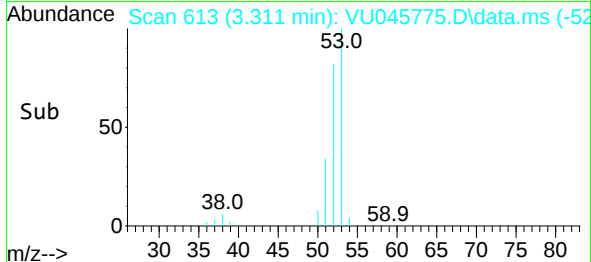
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MS



Tgt Ion: 53 Resp: 213710
Ion Ratio Lower Upper
53 100
52 81.2 66.6 100.0
51 34.9 28.4 42.6

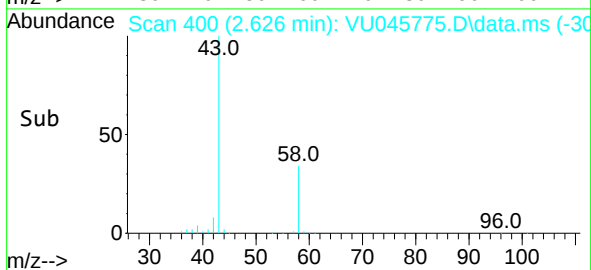
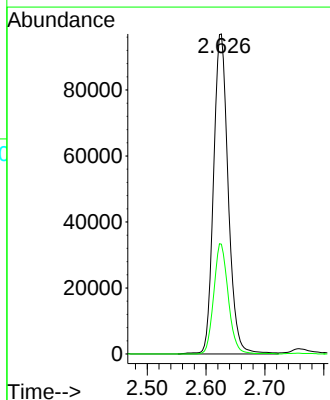
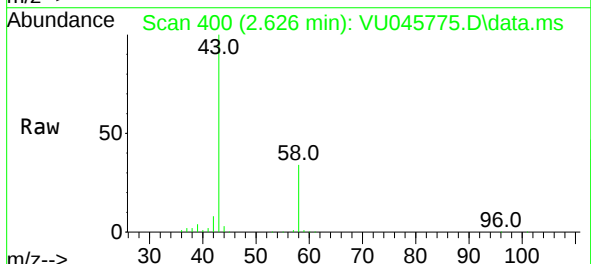
Manual Integrations
APPROVED

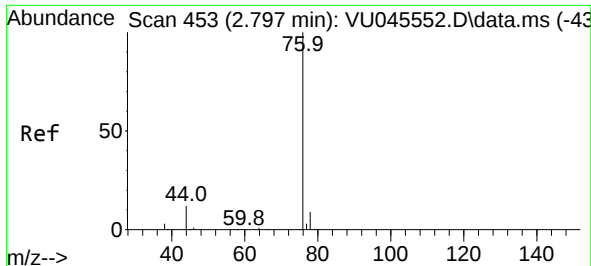
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#16
Acetone
Concen: 230.795 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

Tgt Ion: 43 Resp: 168070
Ion Ratio Lower Upper
43 100
58 34.3 26.2 39.2





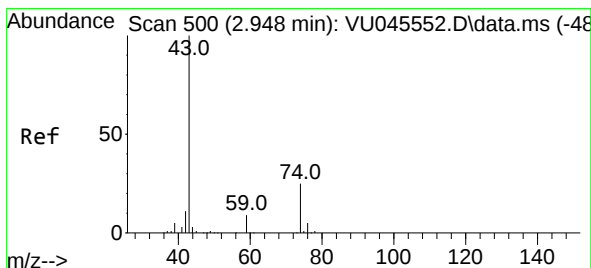
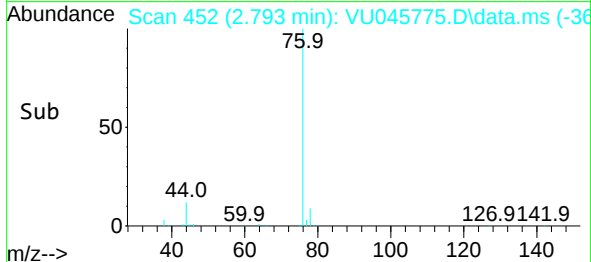
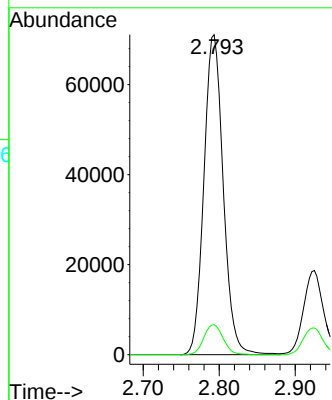
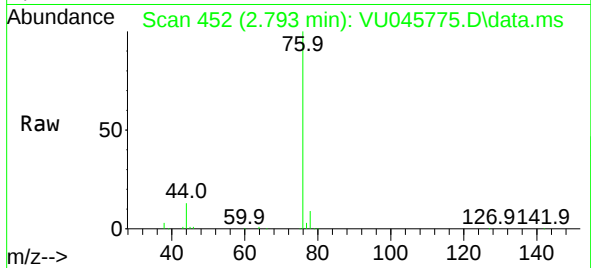
#17
Carbon Disulfide
Concen: 42.670 ug/l
RT: 2.793 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

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

Tgt Ion: 76 Resp: 125602
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

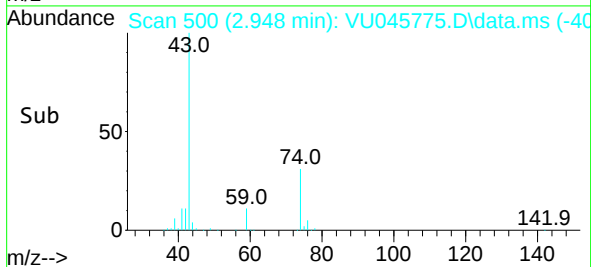
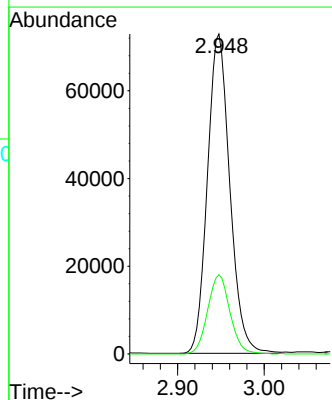
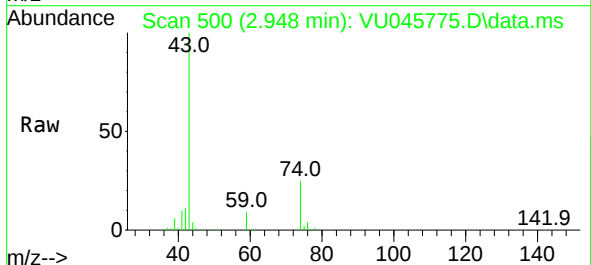
Manual Integrations
APPROVED

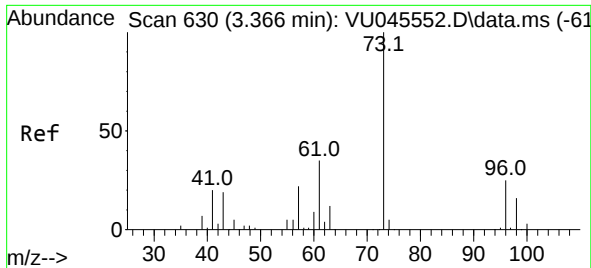
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#18
Methyl Acetate
Concen: 52.709 ug/l
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

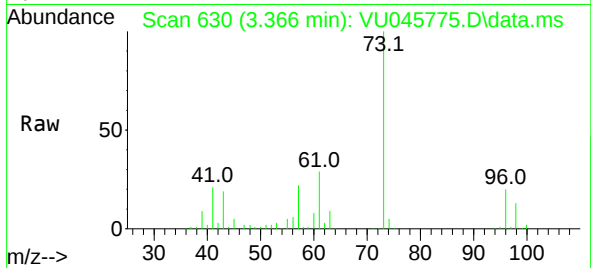
Tgt Ion: 43 Resp: 130736
Ion Ratio Lower Upper
43 100
74 24.7 20.2 30.2





#19
Methyl tert-butyl Ether
Concen: 53.187 ug/l
RT: 3.366 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

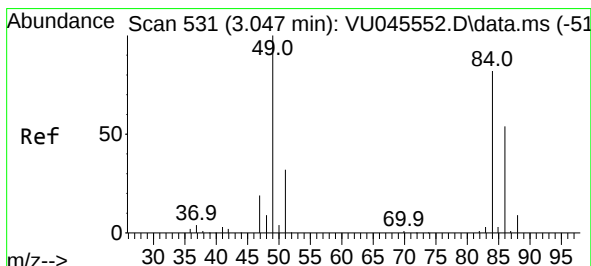
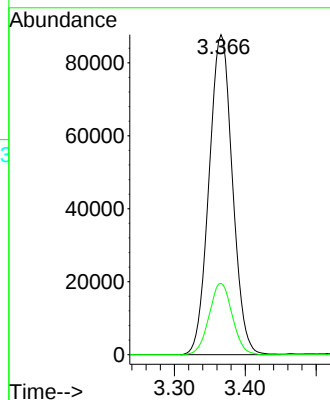
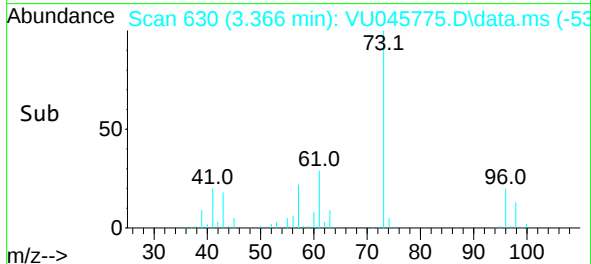
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MS



Tgt Ion: 73 Resp: 201200
Ion Ratio Lower Upper
73 100
57 22.3 18.1 27.1

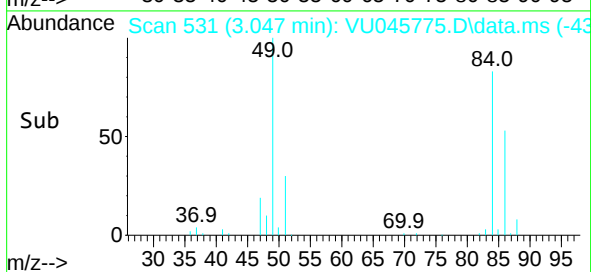
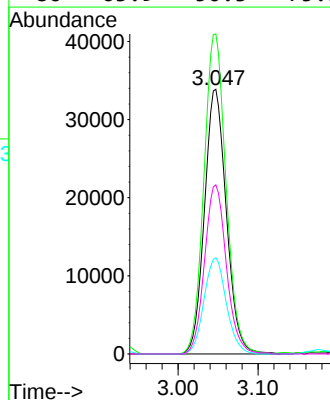
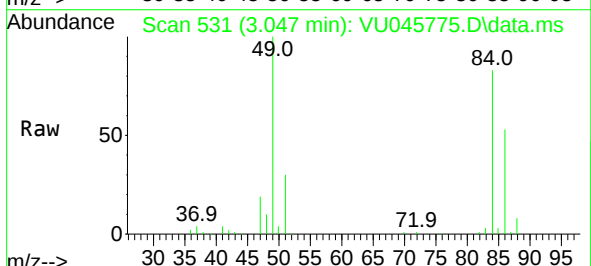
Manual Integrations
APPROVED

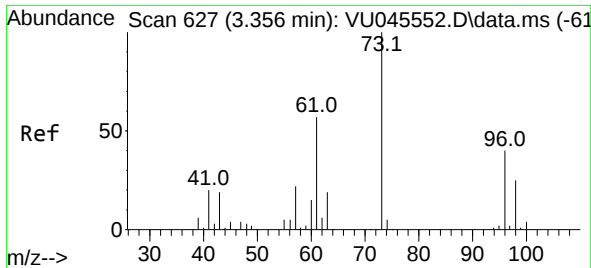
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#20
Methylene Chloride
Concen: 51.081 ug/l
RT: 3.047 min Scan# 531
Delta R.T. -0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

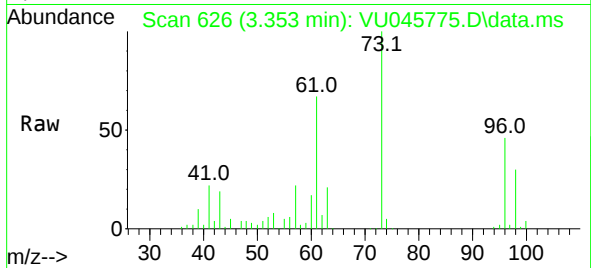
Tgt Ion: 84 Resp: 64635
Ion Ratio Lower Upper
84 100
49 120.9 96.4 144.6
51 36.4 30.5 45.7
86 63.9 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 51.368 ug/l
RT: 3.353 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

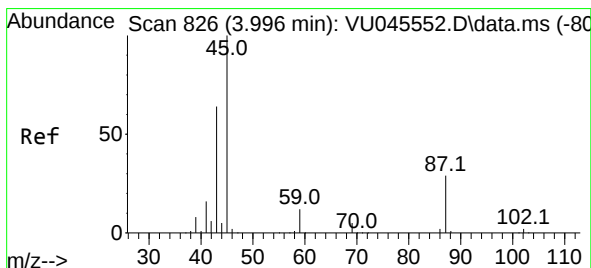
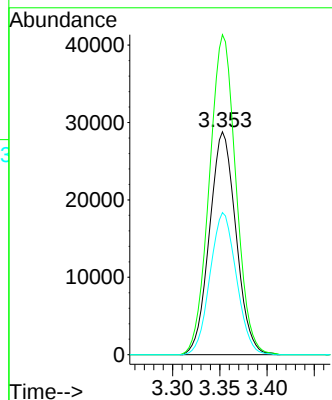
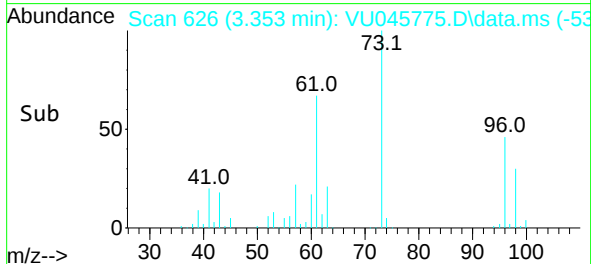
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MS



Tgt Ion: 96 Resp: 5616
Ion Ratio Lower Upper
96 100
61 143.5 118.2 177.4
98 63.7 52.1 78.1

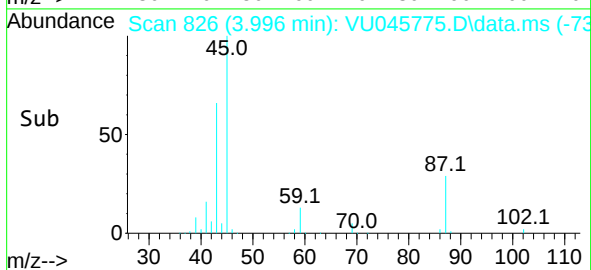
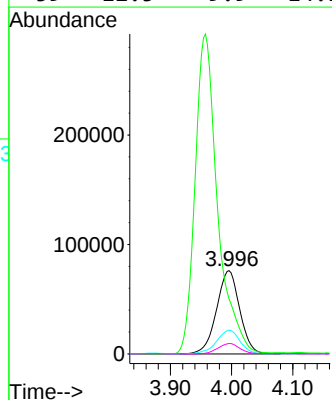
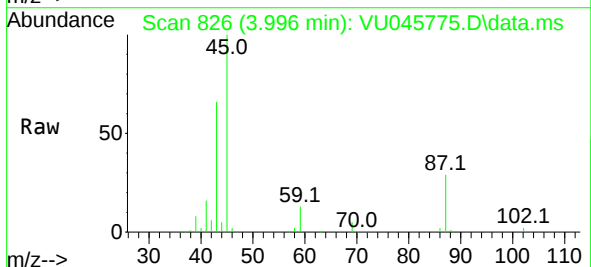
Manual Integrations
APPROVED

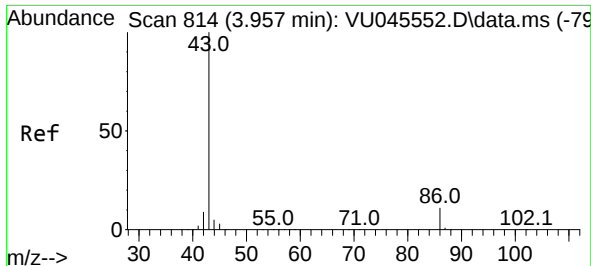
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#22
Diisopropyl ether
Concen: 54.424 ug/l
RT: 3.996 min Scan# 826
Delta R.T. -0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

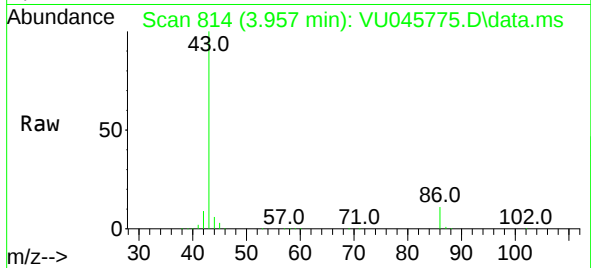
Tgt Ion: 45 Resp: 200525
Ion Ratio Lower Upper
45 100
43 64.9 60.0 90.0
87 28.5 22.3 33.5
59 12.5 9.9 14.9





#23
 Vinyl Acetate
 Concen: 263.397 ug/l
 RT: 3.957 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: VU045775.D
 Acq: 12 Nov 2021 17:30

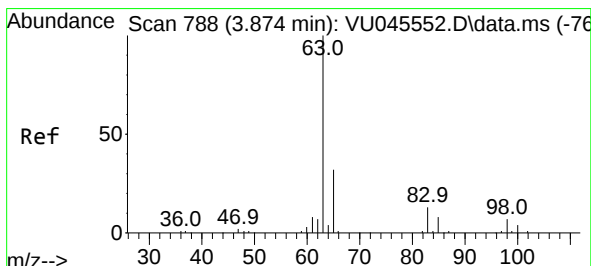
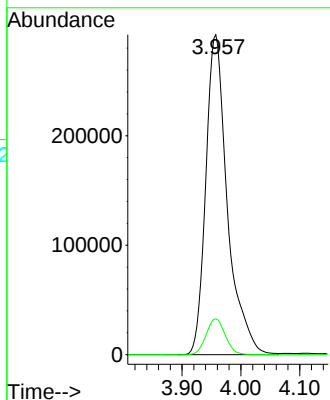
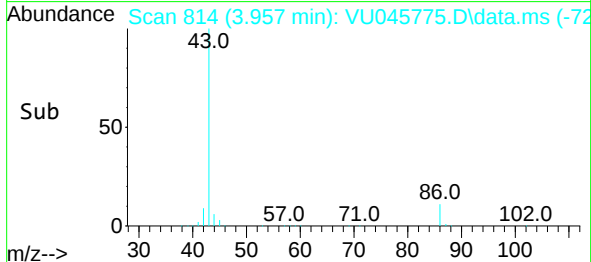
Instrument :
 MSVOA_U
 ClientSampleId :
 MH-117T-20211109MS



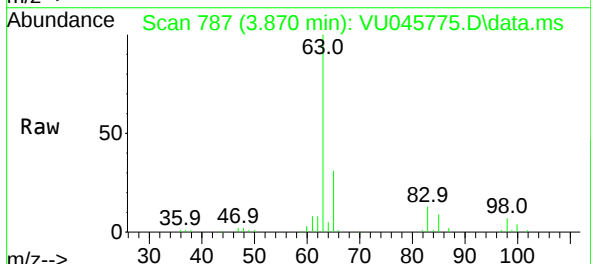
Tgt Ion: 43 Resp: 74641
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.9 13.3

Manual Integrations
 APPROVED

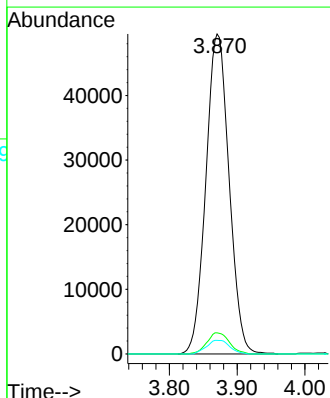
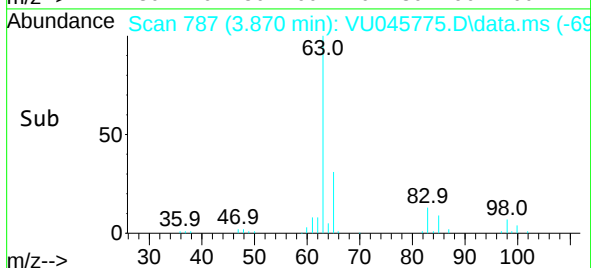
Reviewed By :John Carlone 11/15/2021
 Supervised By :Mahesh Dadoda 11/16/2021

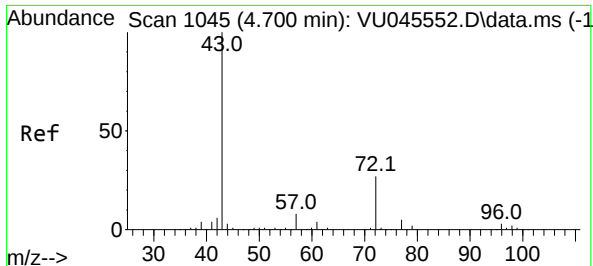


#24
 1,1-Dichloroethane
 Concen: 53.644 ug/l
 RT: 3.870 min Scan# 787
 Delta R.T. -0.003 min
 Lab File: VU045775.D
 Acq: 12 Nov 2021 17:30



Tgt Ion: 63 Resp: 117782
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.6
 100 4.2 2.4 7.2





#25

2-Butanone

Concen: 273.929 ug/l

RT: 4.700 min Scan# 1045

Delta R.T. -0.000 min

Lab File: VU045775.D

Acq: 12 Nov 2021 17:30

Instrument :

MSVOA_U

ClientSampleId :

MH-117T-20211109MS

Tgt Ion: 43 Resp: 276672

Ion Ratio Lower Upper

43 100

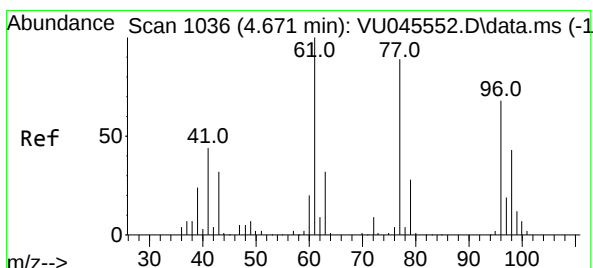
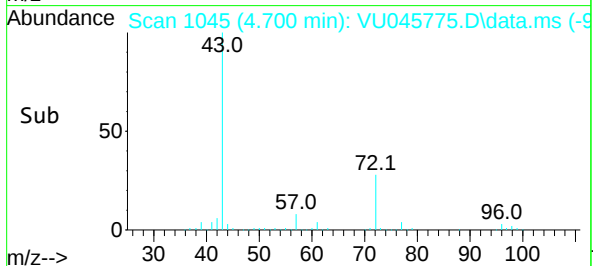
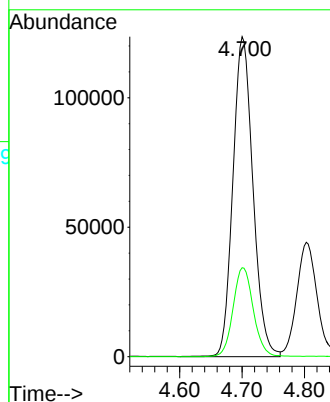
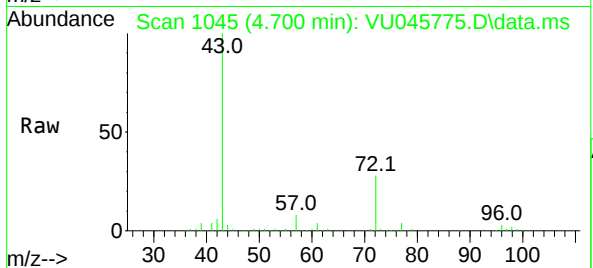
72 27.8 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#26

2,2-Dichloropropane

Concen: 49.248 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU045775.D

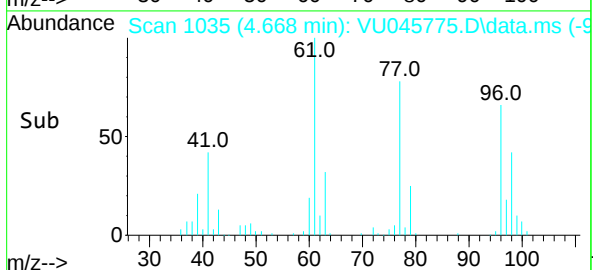
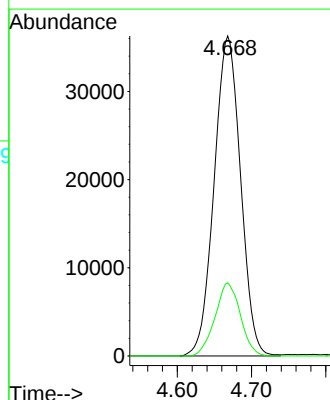
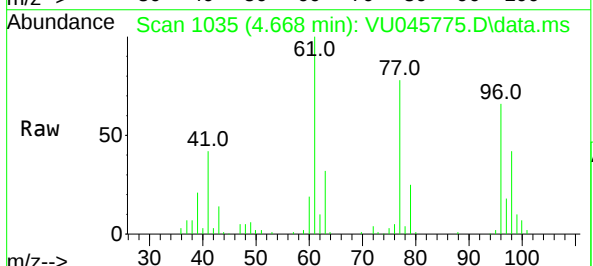
Acq: 12 Nov 2021 17:30

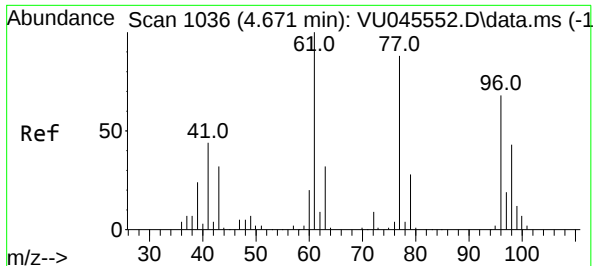
Tgt Ion: 77 Resp: 89602

Ion Ratio Lower Upper

77 100

97 21.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 54.037 ug/l

RT: 4.668 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU045775.D

Acq: 12 Nov 2021 17:30

Instrument :

MSVOA_U

ClientSampleId :

MH-117T-20211109MS

Tgt Ion: 96 Resp: 69390

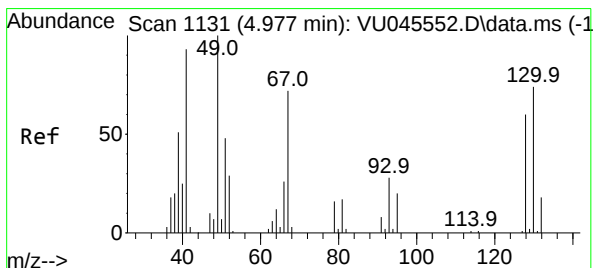
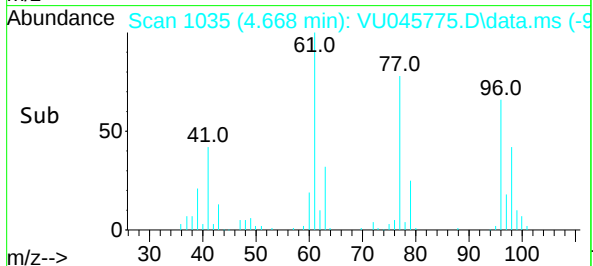
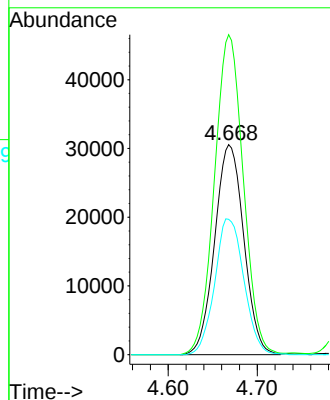
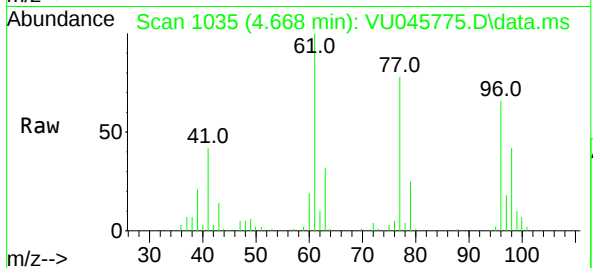
Ion	Ratio	Lower	Upper
96	100		
61	151.0	0.0	299.2
98	64.7	0.0	127.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#28

Bromochloromethane

Concen: 54.899 ug/l

RT: 4.976 min Scan# 1131

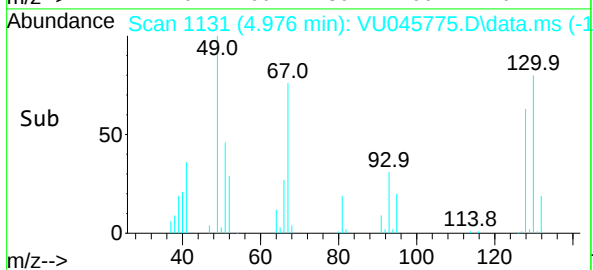
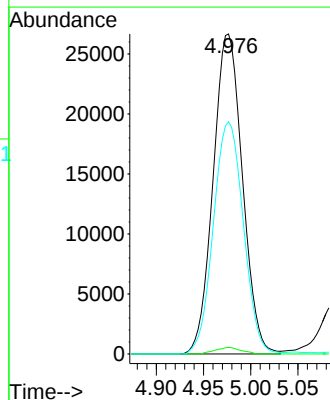
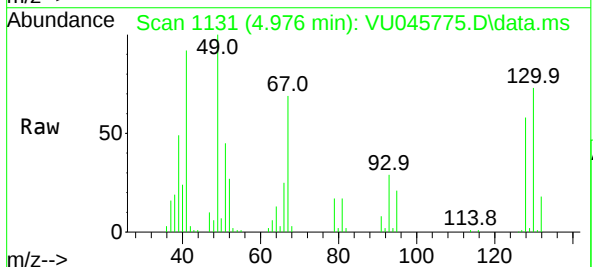
Delta R.T. -0.000 min

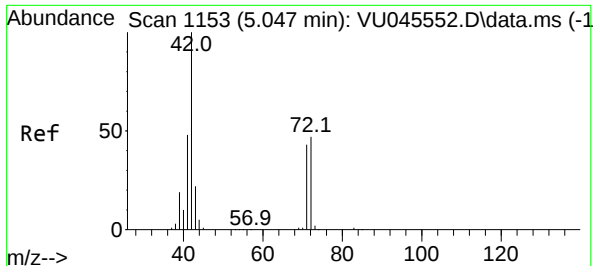
Lab File: VU045775.D

Acq: 12 Nov 2021 17:30

Tgt Ion: 49 Resp: 57465

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.4
130	74.2	57.5	86.3





#29

Tetrahydrofuran

Concen: 281.641 ug/l

RT: 5.050 min Scan# 1153

Delta R.T. 0.003 min

Lab File: VU045775.D

Acq: 12 Nov 2021 17:30

Instrument :

MSVOA_U

ClientSampleId :

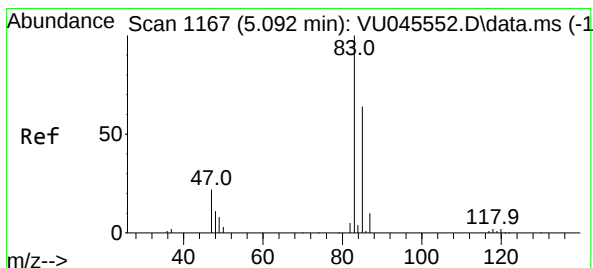
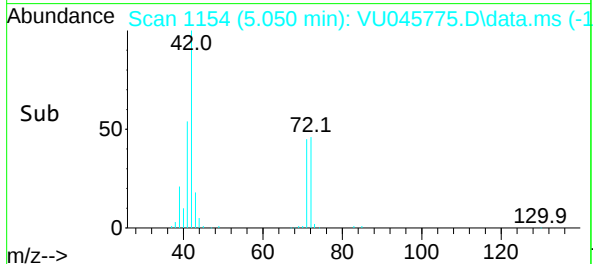
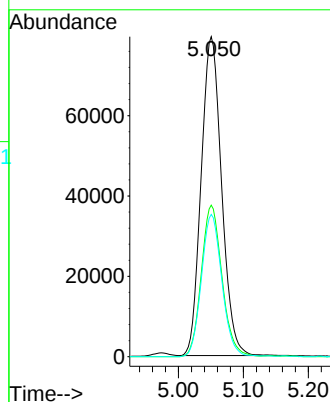
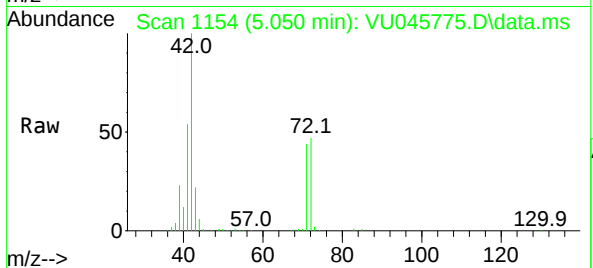
MH-117T-20211109MS

Tgt Ion: 42 Resp: 174000
 Ion Ratio Lower Upper
 42 100
 72 47.9 38.2 57.4
 71 44.6 35.4 53.2

Manual Integrations

APPROVED

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



#30

Chloroform

Concen: 54.411 ug/l

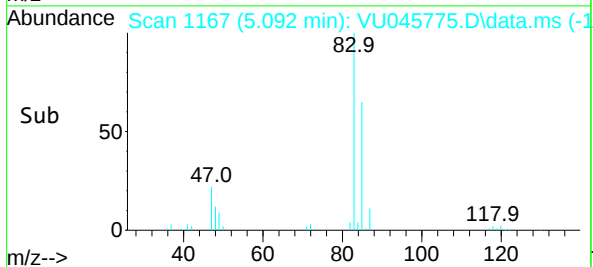
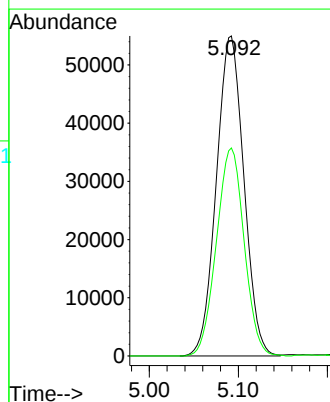
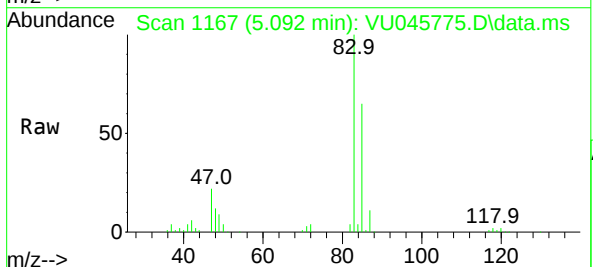
RT: 5.092 min Scan# 1167

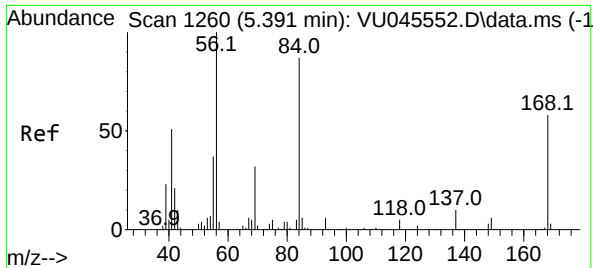
Delta R.T. -0.000 min

Lab File: VU045775.D

Acq: 12 Nov 2021 17:30

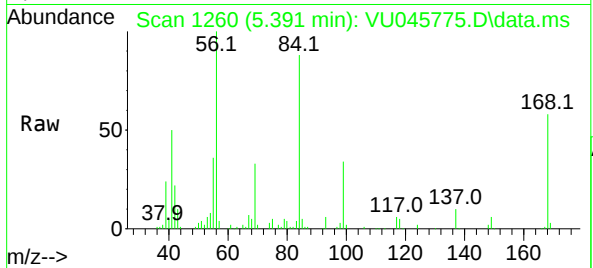
Tgt Ion: 83 Resp: 118150
 Ion Ratio Lower Upper
 83 100
 85 65.0 52.0 78.0





#31
Cyclohexane
Concen: 45.964 ug/l
RT: 5.391 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

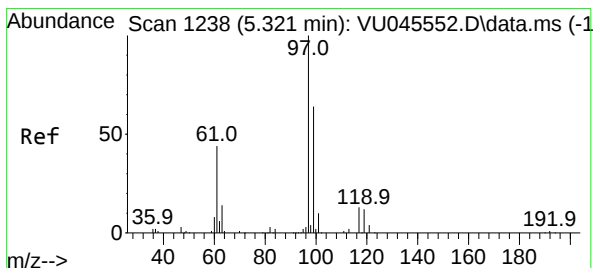
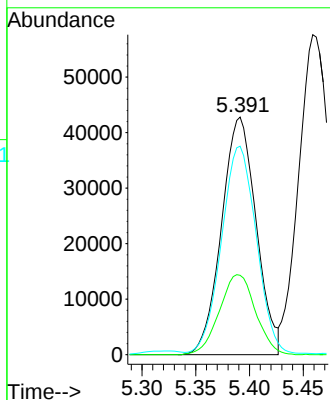
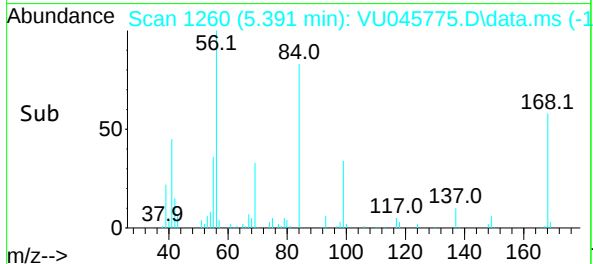
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MS



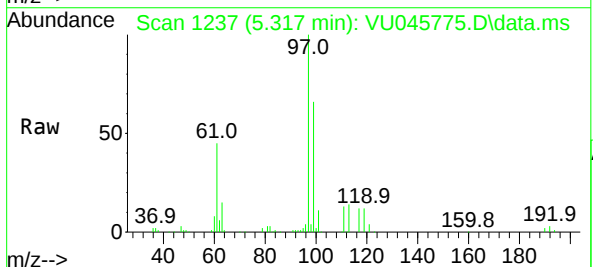
Tgt Ion: 56 Resp: 9594
Ion Ratio Lower Upper
56 100
69 33.4 26.4 39.6
84 86.5 68.4 102.6

Manual Integrations
APPROVED

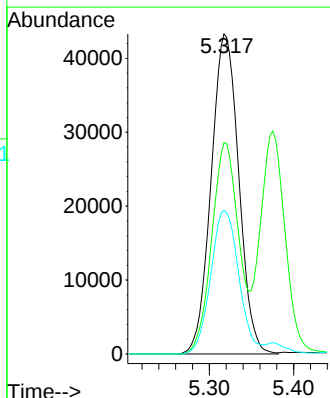
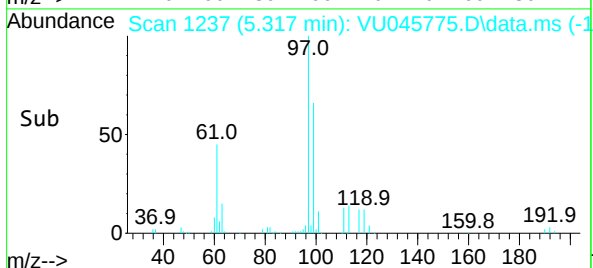
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

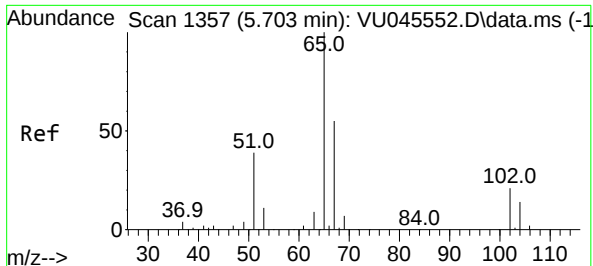


#32
1,1,1-Trichloroethane
Concen: 53.167 ug/l
RT: 5.317 min Scan# 1237
Delta R.T. -0.003 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30



Tgt Ion: 97 Resp: 98452
Ion Ratio Lower Upper
97 100
99 63.8 50.8 76.2
61 46.0 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 58.748 ug/l

RT: 5.703 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU045775.D

Acq: 12 Nov 2021 17:30

Instrument :

MSVOA_U

ClientSampleId :

MH-117T-20211109MS

Tgt Ion: 65 Resp: 8404

Ion Ratio Lower Upper

65 100

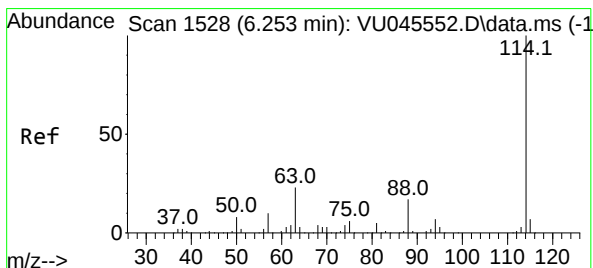
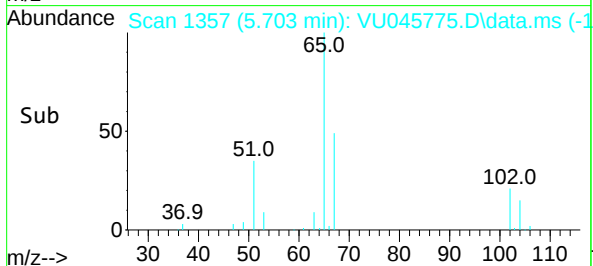
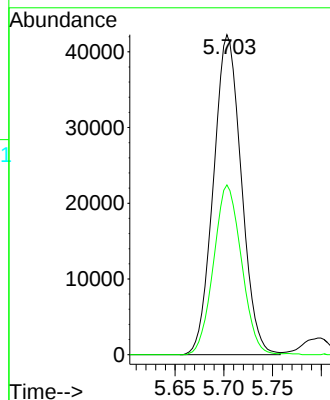
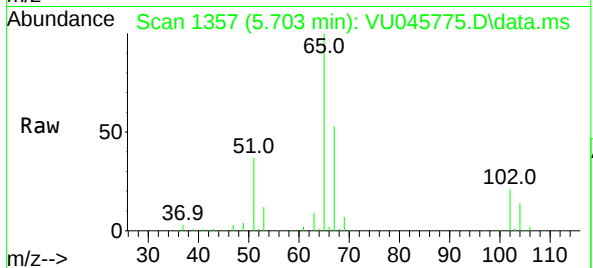
67 53.0 0.0 105.8

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: 6.253 min Scan# 1528

Delta R.T. -0.000 min

Lab File: VU045775.D

Acq: 12 Nov 2021 17:30

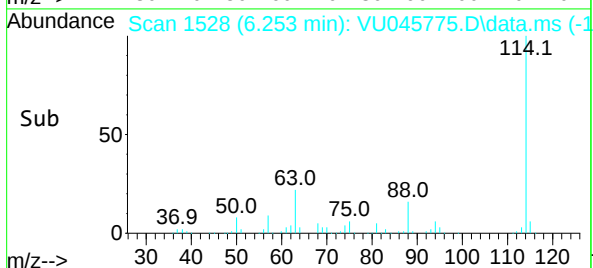
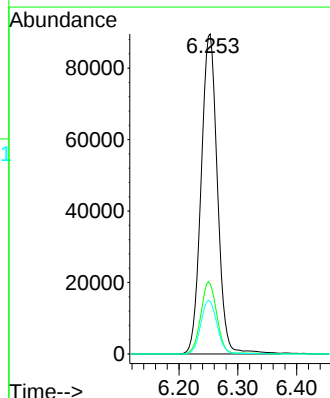
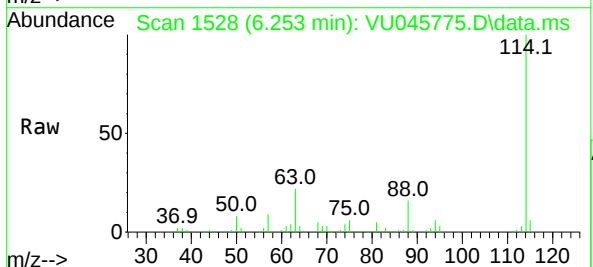
Tgt Ion:114 Resp: 171917

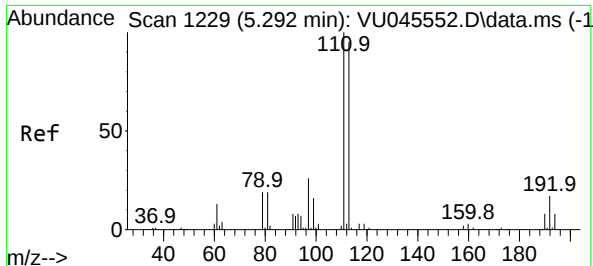
Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.6

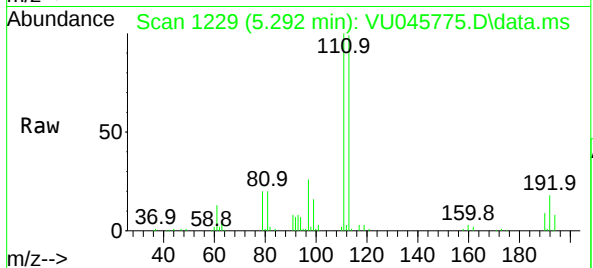
88 16.4 0.0 33.8





#35
Dibromofluoromethane
Concen: 57.474 ug/l
RT: 5.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

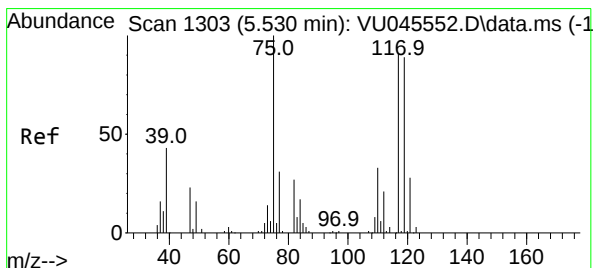
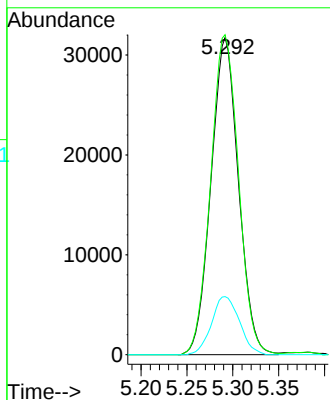
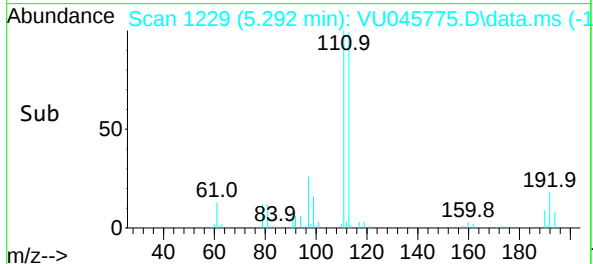
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MS



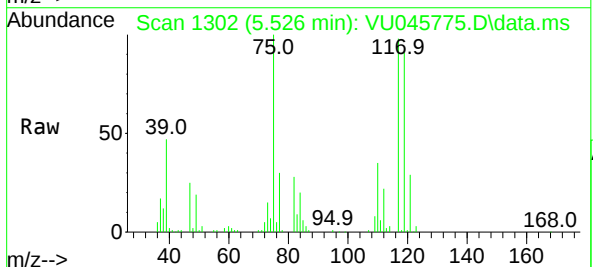
Tgt Ion:113 Resp: 6596
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 18.7 14.8 22.2

Manual Integrations
APPROVED

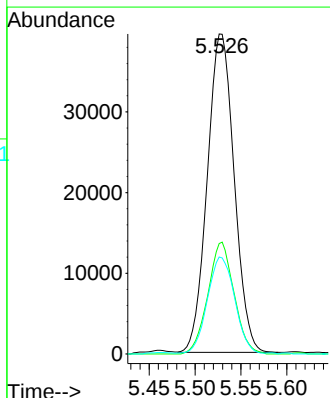
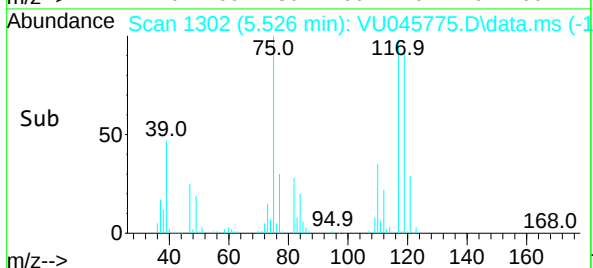
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

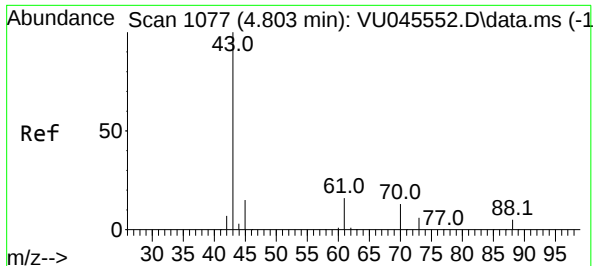


#36
1,1-Dichloropropene
Concen: 48.024 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. -0.003 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30



Tgt Ion: 75 Resp: 80504
Ion Ratio Lower Upper
75 100
110 34.1 16.7 50.0
77 30.3 25.0 37.4





#37

Ethyl Acetate

Concen: 52.078 ug/l

RT: 4.803 min Scan# 1077

Delta R.T. -0.000 min

Lab File: VU045775.D

Acq: 12 Nov 2021 17:30

Instrument :

MSVOA_U

ClientSampleId :

MH-117T-20211109MS

Tgt Ion: 43 Resp: 10028

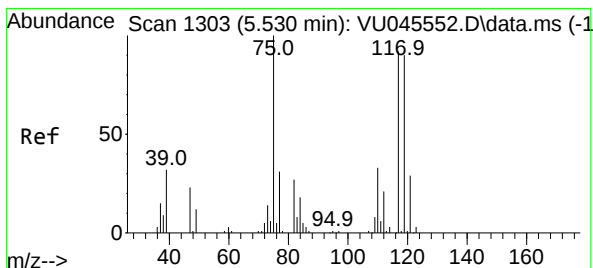
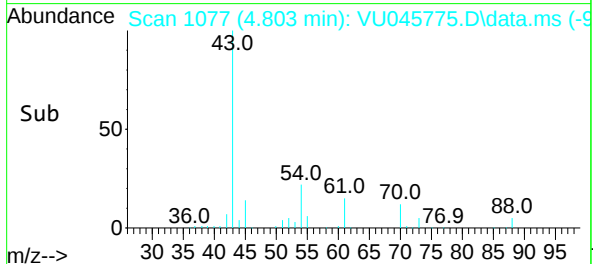
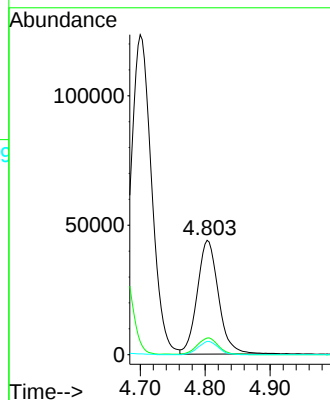
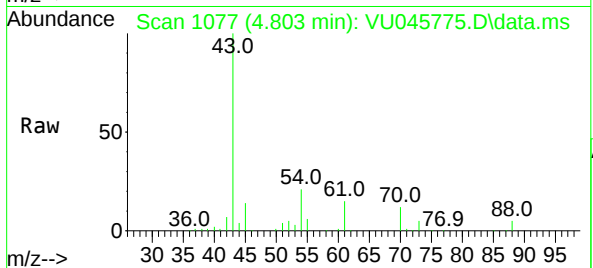
Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.6	17.4
70	11.0	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#38

Carbon Tetrachloride

Concen: 50.307 ug/l

RT: 5.526 min Scan# 1302

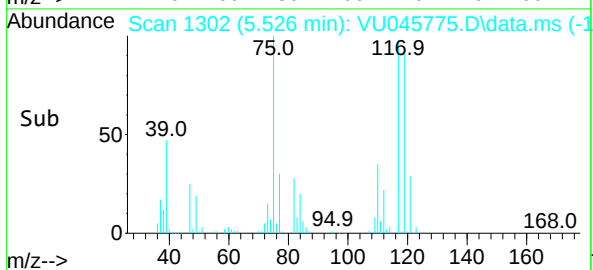
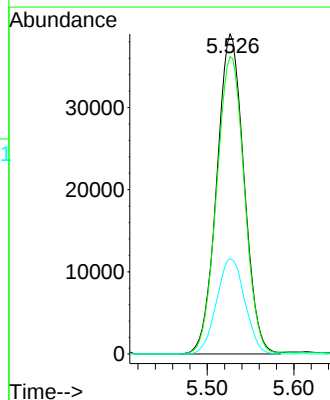
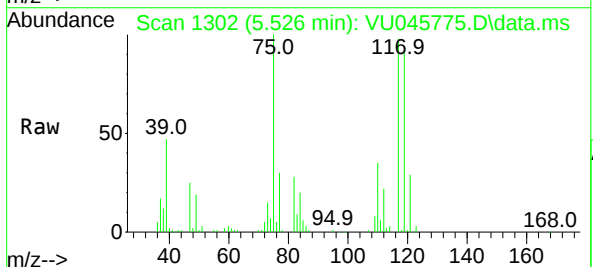
Delta R.T. -0.003 min

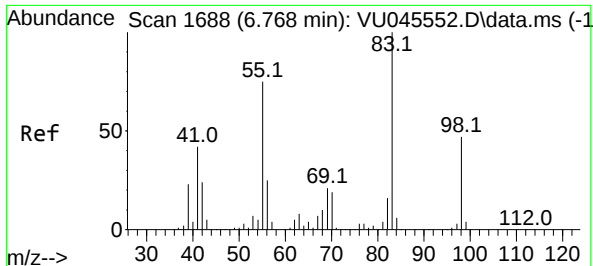
Lab File: VU045775.D

Acq: 12 Nov 2021 17:30

Tgt Ion:117 Resp: 85020

Ion	Ratio	Lower	Upper
117	100		
119	93.0	77.4	116.0
121	29.8	24.8	37.2





#39

Methylcyclohexane

Concen: 45.212 ug/l

RT: 6.764 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU045775.D

Acq: 12 Nov 2021 17:30

Instrument :

MSVOA_U

ClientSampleId :

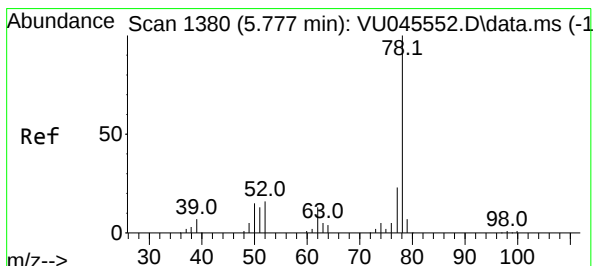
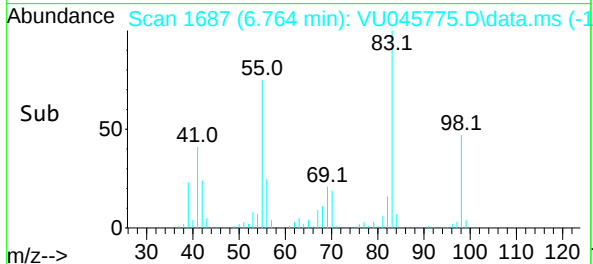
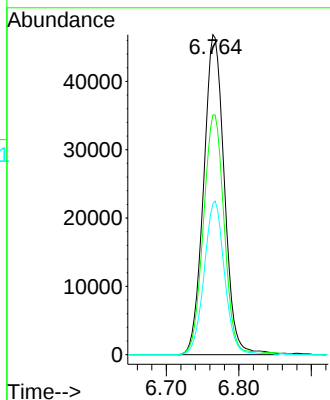
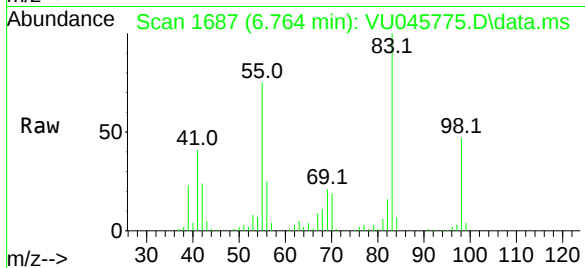
MH-117T-20211109MS

Tgt Ion: 83 Resp: 92979
 Ion Ratio Lower Upper
 83 100
 55 74.9 63.6 95.4
 98 47.2 37.1 55.7

Manual Integrations

APPROVED

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



#40

Benzene

Concen: 49.496 ug/l

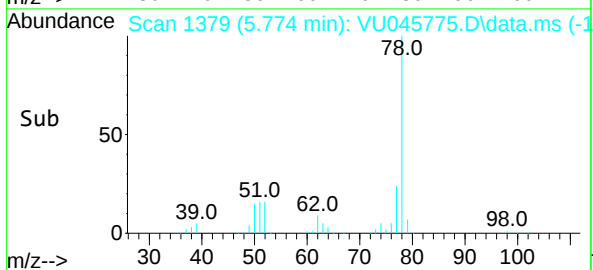
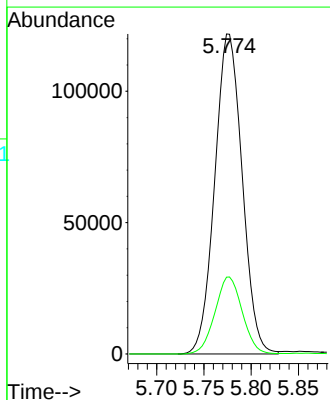
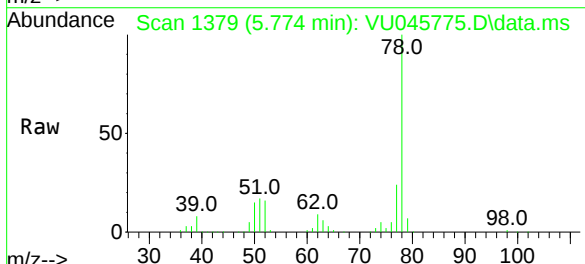
RT: 5.774 min Scan# 1379

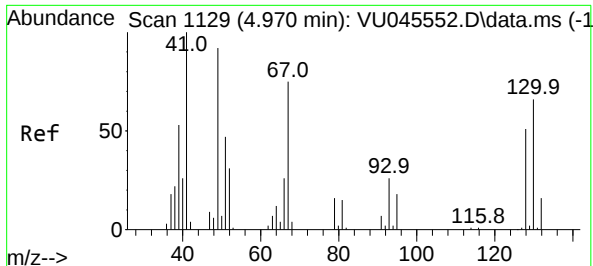
Delta R.T. -0.003 min

Lab File: VU045775.D

Acq: 12 Nov 2021 17:30

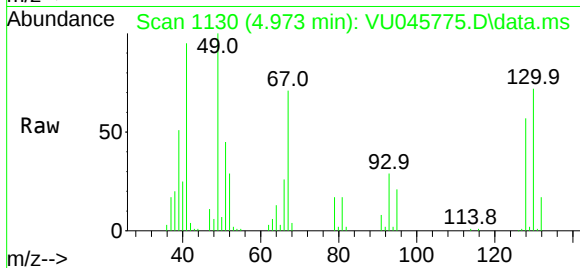
Tgt Ion: 78 Resp: 245649
 Ion Ratio Lower Upper
 78 100
 77 24.0 19.0 28.4





#41
Methacrylonitrile
Concen: 54.383 ug/l
RT: 4.973 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

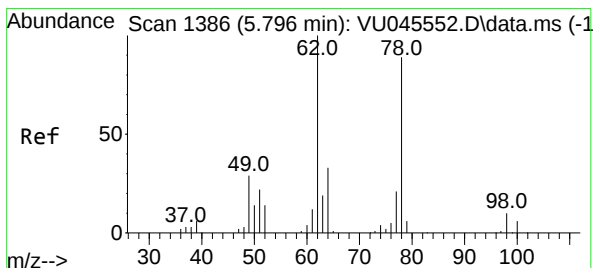
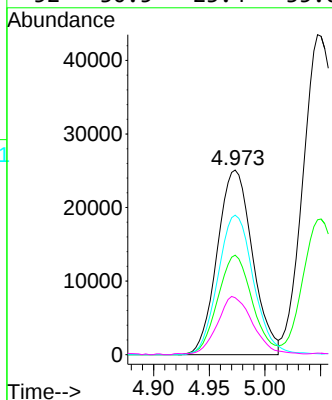
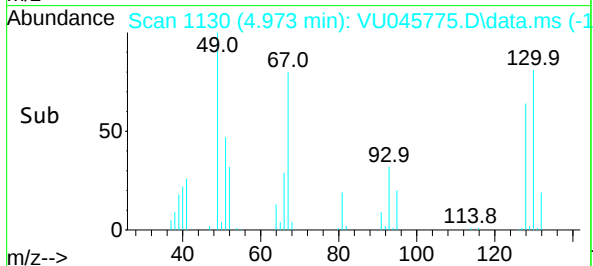
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MS



Tgt Ion: 41 Resp: 5534
Ion Ratio Lower Upper
41 100
39 52.8 43.4 65.0
67 76.7 61.0 91.4
52 30.5 23.4 35.0

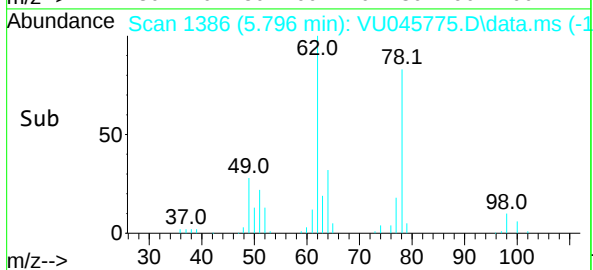
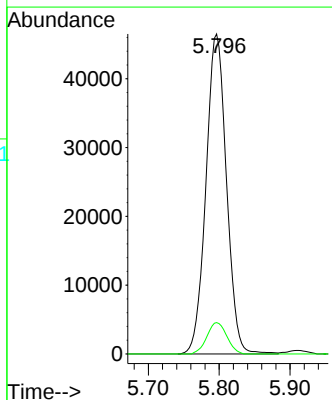
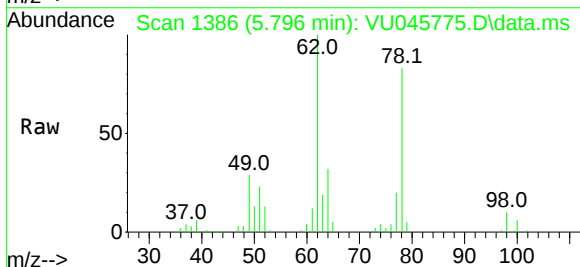
Manual Integrations
APPROVED

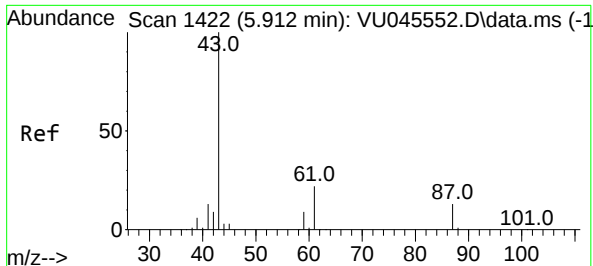
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#42
1,2-Dichloroethane
Concen: 52.195 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

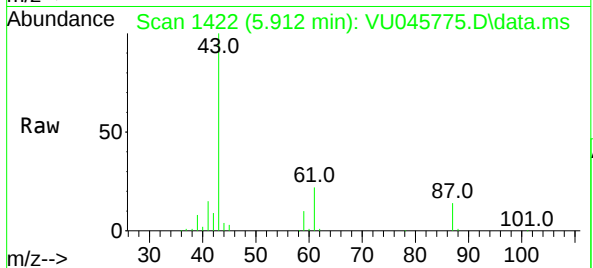
Tgt Ion: 62 Resp: 93568
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.4





#43
Isopropyl Acetate
Concen: 50.685 ug/l
RT: 5.912 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

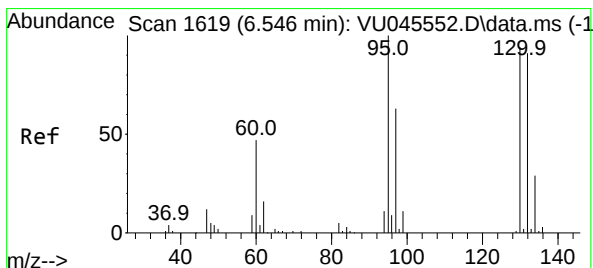
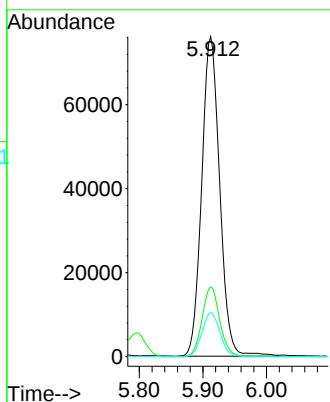
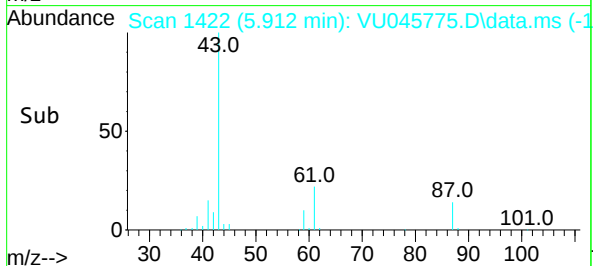
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MS



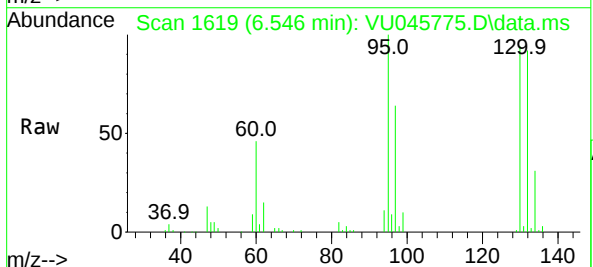
Tgt Ion: 43 Resp: 14928
Ion Ratio Lower Upper
43 100
61 21.5 16.9 25.3
87 13.8 11.0 16.4

Manual Integrations
APPROVED

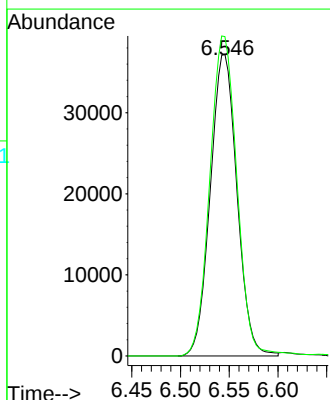
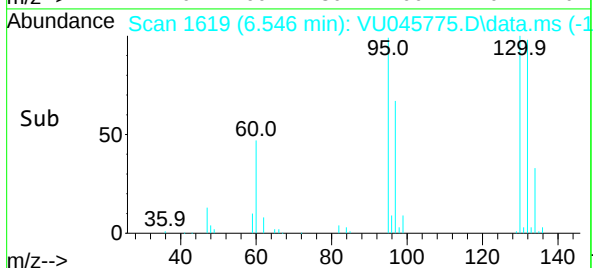
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

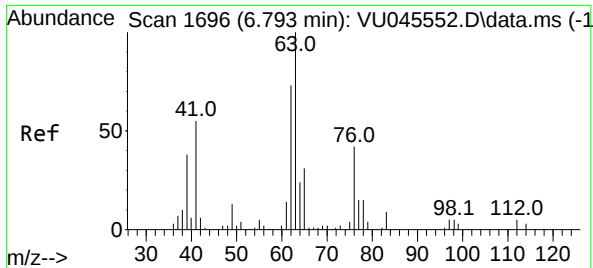


#44
Trichloroethene
Concen: 59.598 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30



Tgt Ion:130 Resp: 70801
Ion Ratio Lower Upper
130 100
95 105.8 0.0 211.4





#45

1,2-Dichloropropane

Concen: 52.426 ug/l

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045775.D

Acq: 12 Nov 2021 17:30

Instrument :

MSVOA_U

ClientSampleId :

MH-117T-20211109MS

Tgt Ion: 63 Resp: 6884

Ion Ratio Lower Upper

63 100

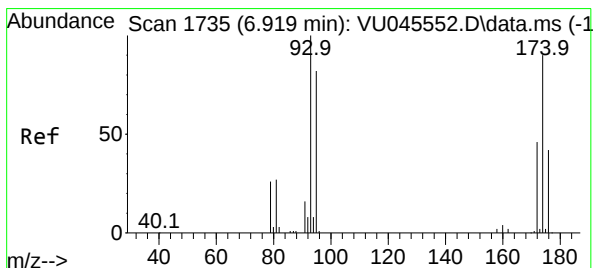
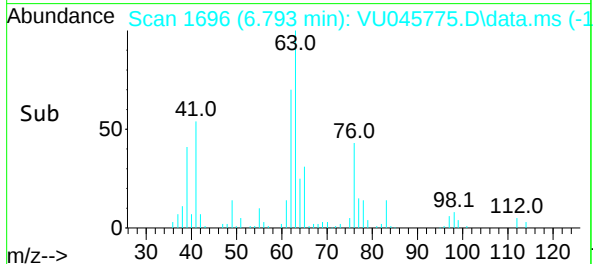
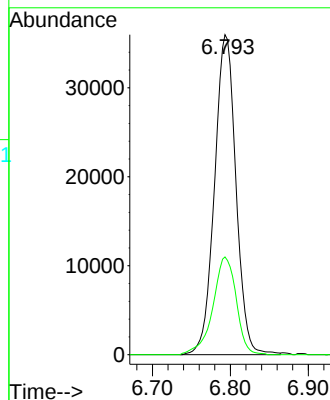
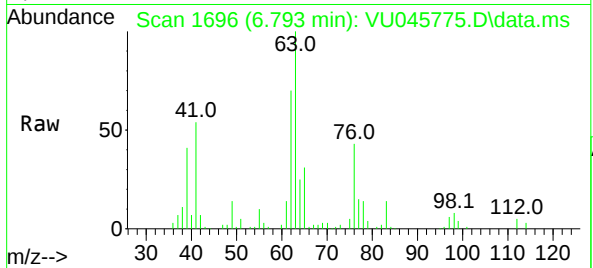
65 30.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#46

Dibromomethane

Concen: 52.484 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VU045775.D

Acq: 12 Nov 2021 17:30

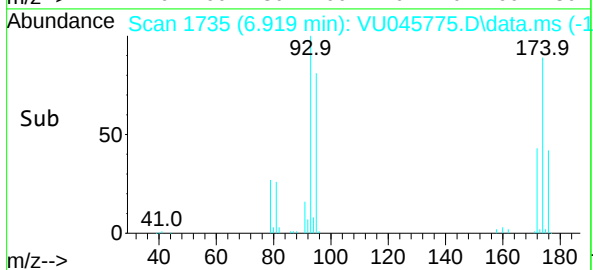
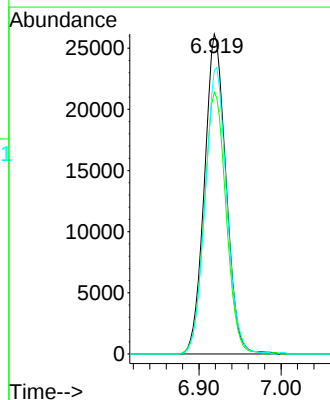
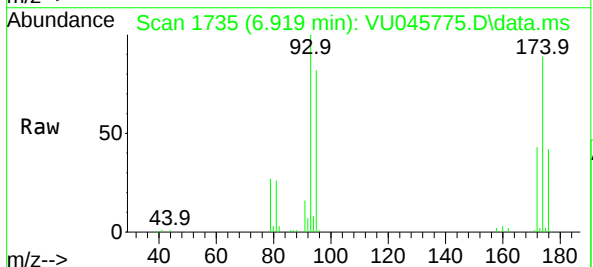
Tgt Ion: 93 Resp: 47755

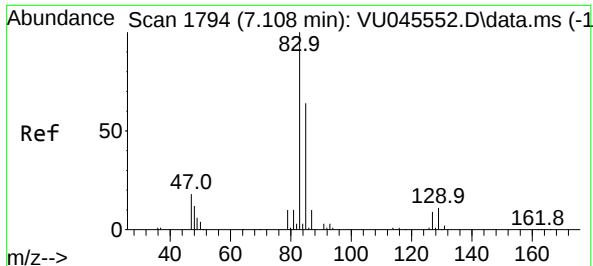
Ion Ratio Lower Upper

93 100

95 83.1 66.2 99.2

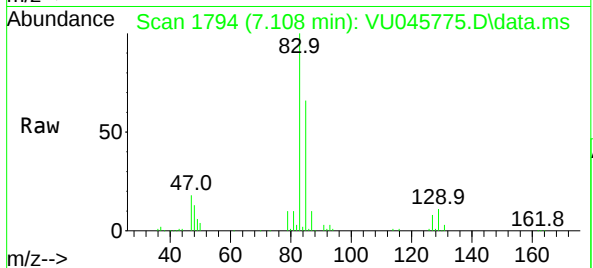
174 89.8 71.0 106.6





#47
Bromodichloromethane
Concen: 53.666 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

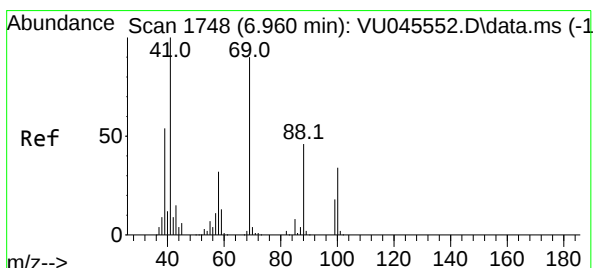
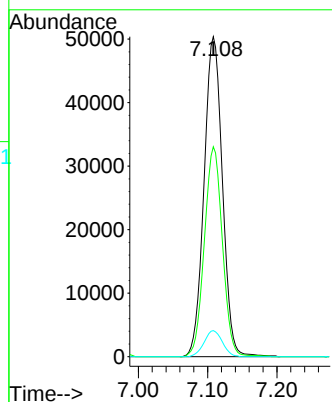
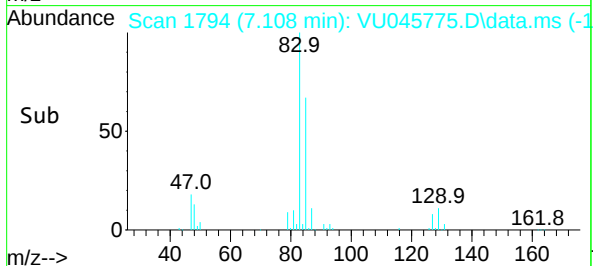
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MS



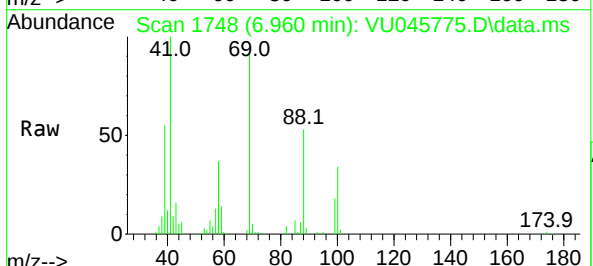
Tgt Ion: 83 Resp: 92654
Ion Ratio Lower Upper
83 100
85 65.6 49.8 74.6
127 8.1 6.2 9.2

Manual Integrations
APPROVED

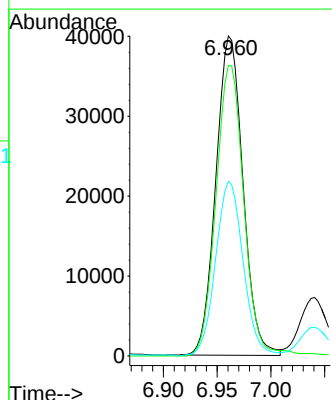
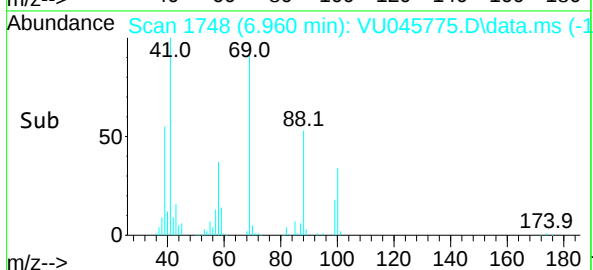
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

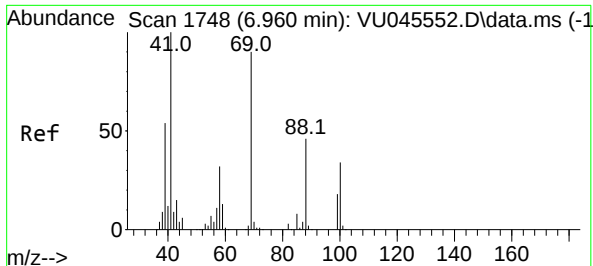


#48
Methyl methacrylate
Concen: 51.698 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30



Tgt Ion: 41 Resp: 70084
Ion Ratio Lower Upper
41 100
69 94.0 70.2 105.2
39 55.7 43.9 65.9





#49

1,4-Dioxane

Concen: 1159.679 ug/l

RT: 6.964 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU045775.D

Acq: 12 Nov 2021 17:30

Instrument :

MSVOA_U

ClientSampleId :

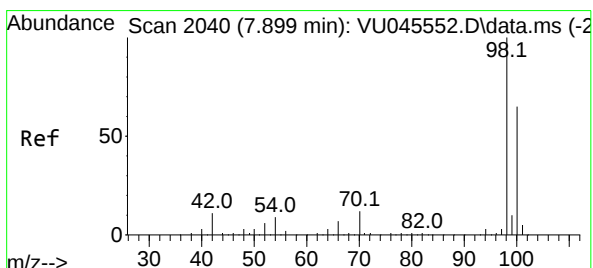
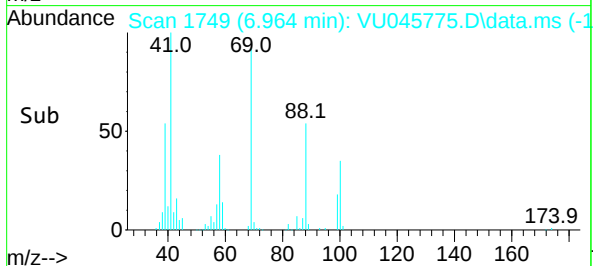
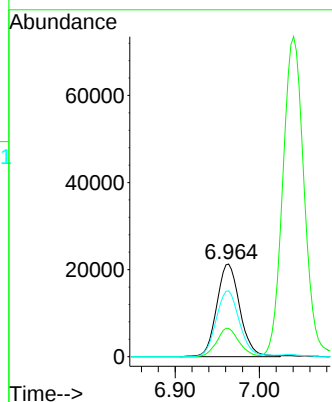
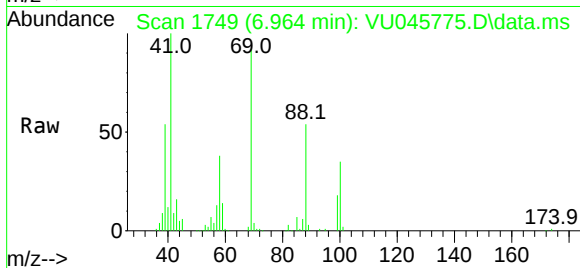
MH-117T-20211109MS

Tgt Ion: 88 Resp: 40429

Ion	Ratio	Lower	Upper
88	100		
43	29.6	0.0	0.0
58	72.0	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: 56.730 ug/l

RT: 7.899 min Scan# 2040

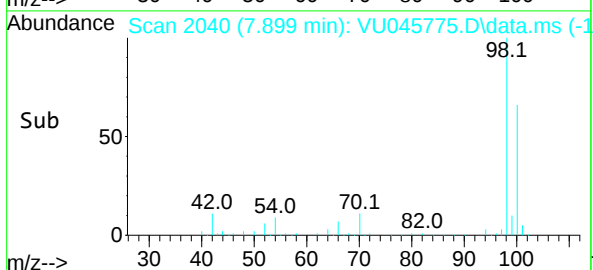
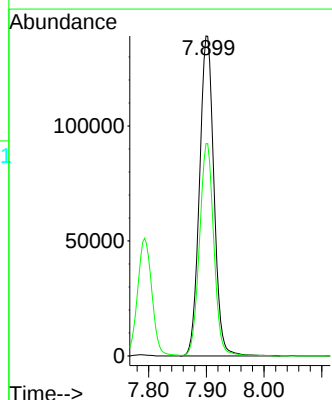
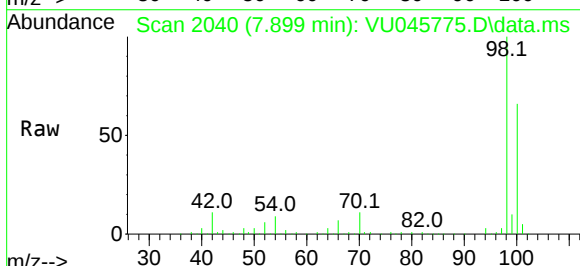
Delta R.T. -0.000 min

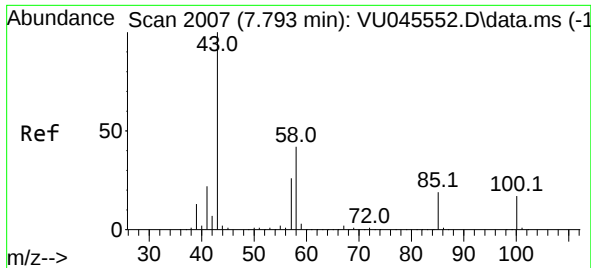
Lab File: VU045775.D

Acq: 12 Nov 2021 17:30

Tgt Ion: 98 Resp: 242126

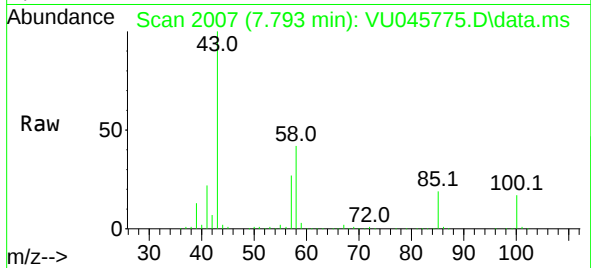
Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.5	78.7





#51
4-Methyl-2-Pentanone
Concen: 272.965 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. -0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

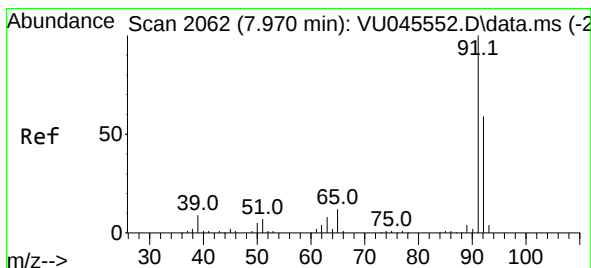
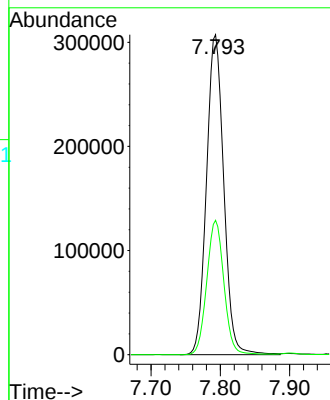
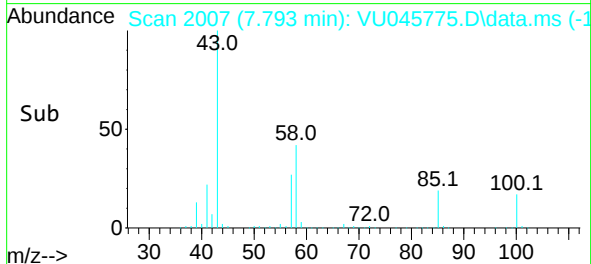
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MS



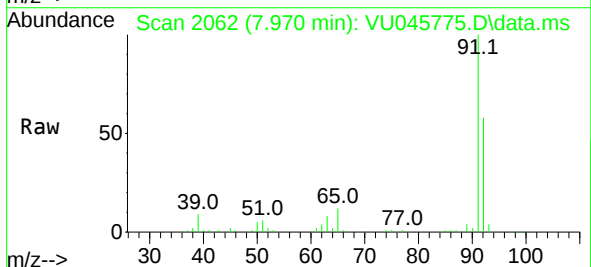
Tgt Ion: 43 Resp: 53034
Ion Ratio Lower Upper
43 100
58 41.7 33.8 50.8

Manual Integrations
APPROVED

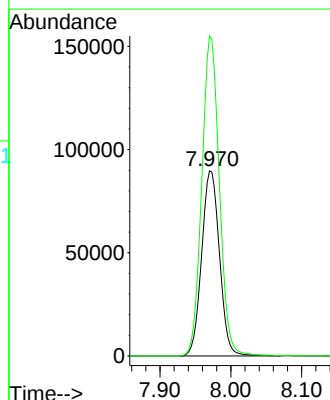
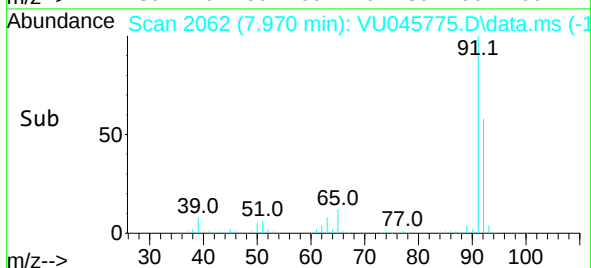
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

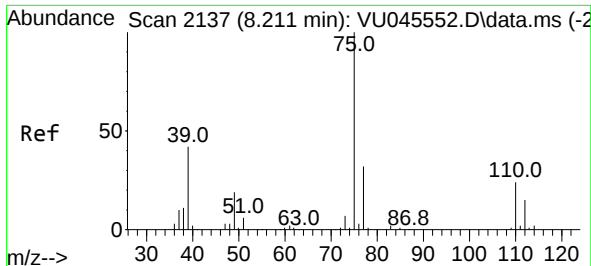


#52
Toluene
Concen: 51.579 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30



Tgt Ion: 92 Resp: 156721
Ion Ratio Lower Upper
92 100
91 170.0 135.6 203.4





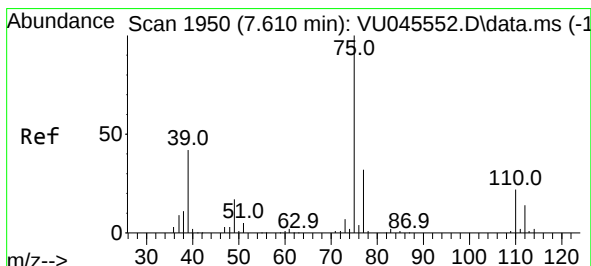
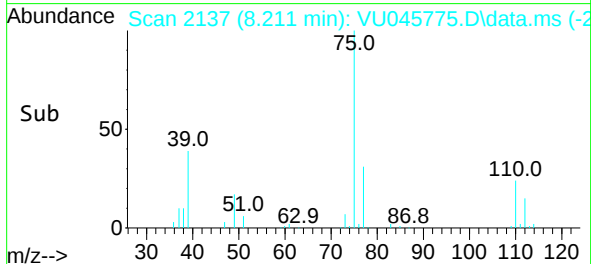
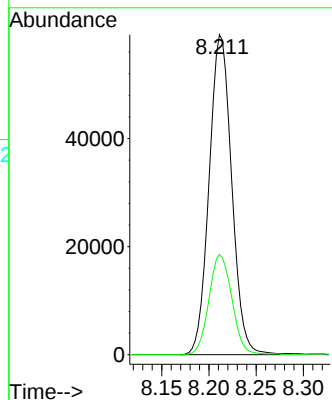
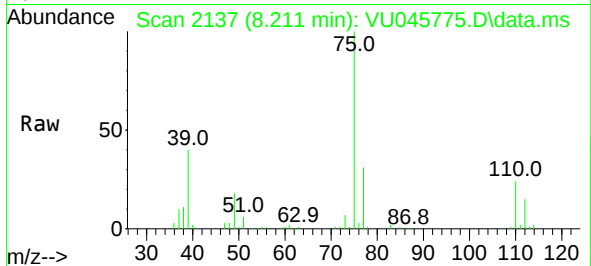
#53
t-1,3-Dichloropropene
Concen: 49.499 ug/l
RT: 8.211 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

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

Tgt Ion: 75 Resp: 98210
Ion Ratio Lower Upper
75 100
77 31.4 25.8 38.8

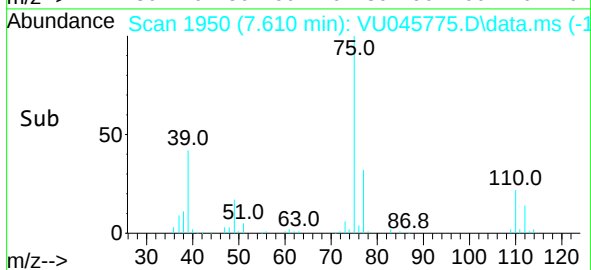
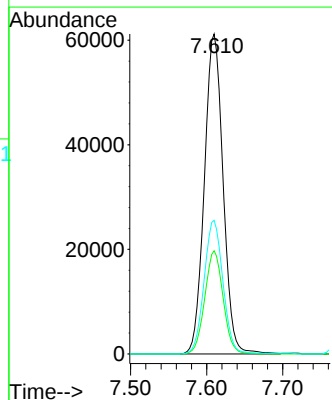
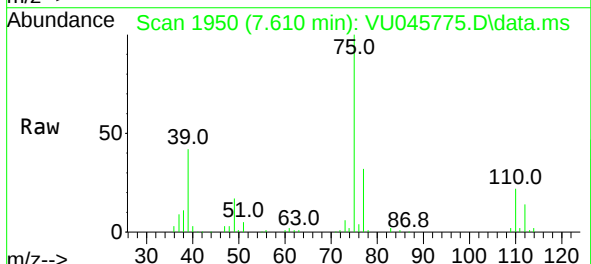
Manual Integrations
APPROVED

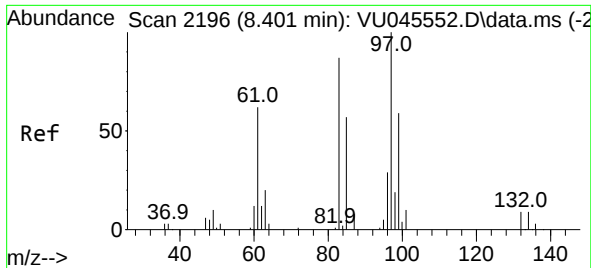
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#54
cis-1,3-Dichloropropene
Concen: 49.763 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

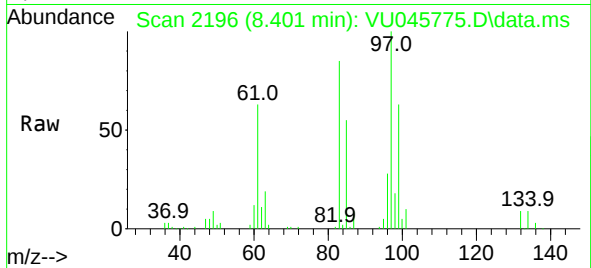
Tgt Ion: 75 Resp: 104877
Ion Ratio Lower Upper
75 100
77 32.3 24.6 37.0
39 41.7 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 53.761 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

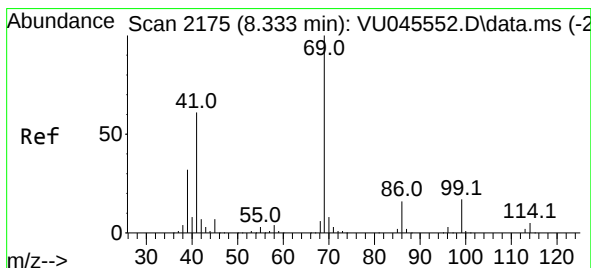
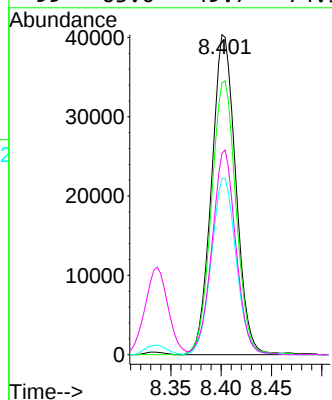
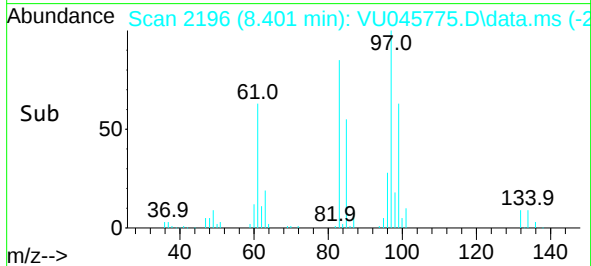
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MS



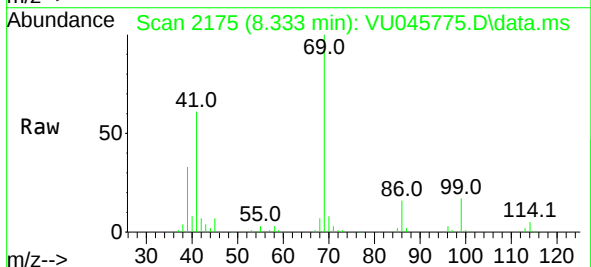
Tgt Ion: 97 Resp: 6770
Ion Ratio Lower Upper
97 100
83 84.9 70.3 105.5
85 54.8 45.5 68.3
99 63.0 49.7 74.5

Manual Integrations
APPROVED

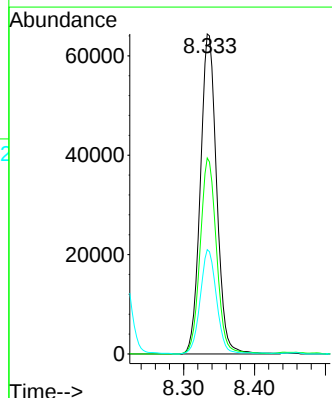
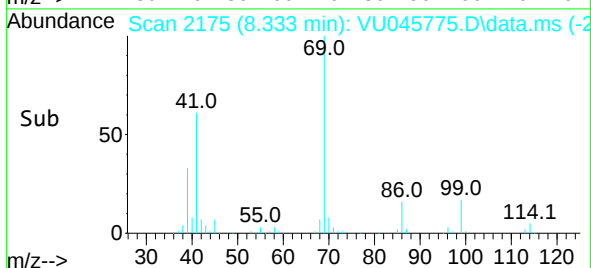
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

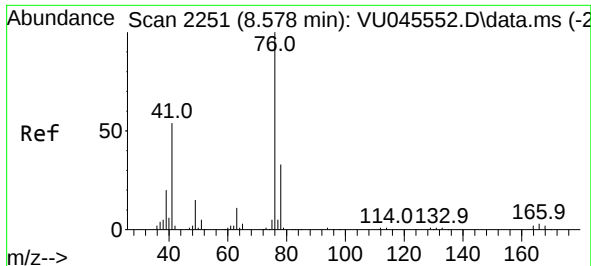


#56
Ethyl methacrylate
Concen: 45.654 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. 0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30



Tgt Ion: 69 Resp: 102621
Ion Ratio Lower Upper
69 100
41 61.6 51.0 76.4
39 32.7 26.6 39.8





#57

1,3-Dichloropropane

Concen: 52.465 ug/l

RT: 8.578 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045775.D

Acq: 12 Nov 2021 17:30

Instrument :

MSVOA_U

ClientSampleId :

MH-117T-20211109MS

Tgt Ion: 76 Resp: 118990

Ion Ratio Lower Upper

76 100

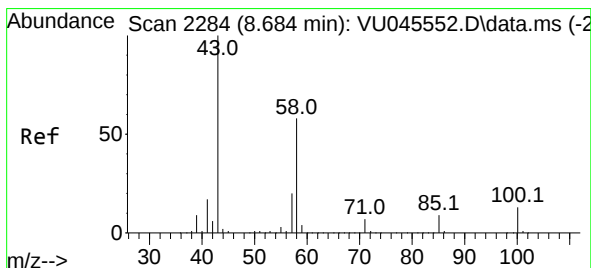
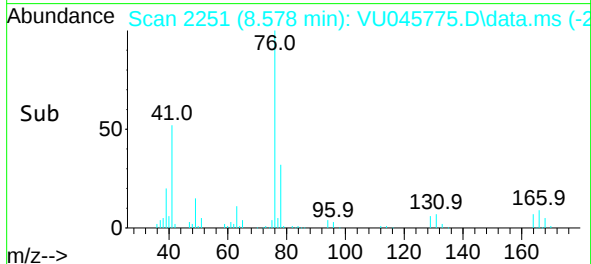
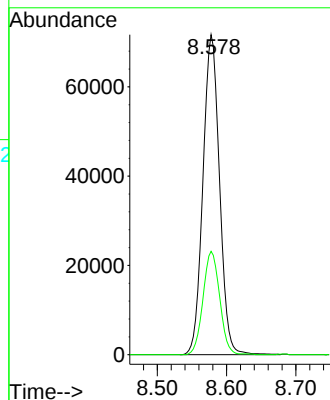
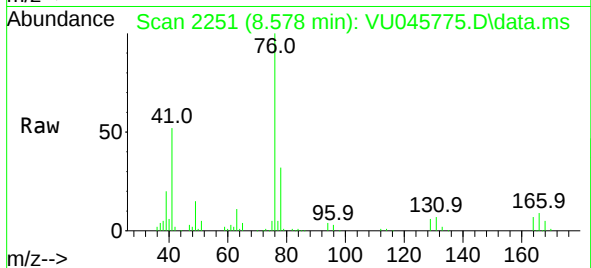
78 32.5 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#59

2-Hexanone

Concen: 240.105 ug/l

RT: 8.684 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VU045775.D

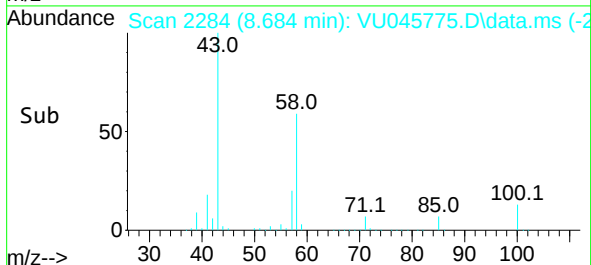
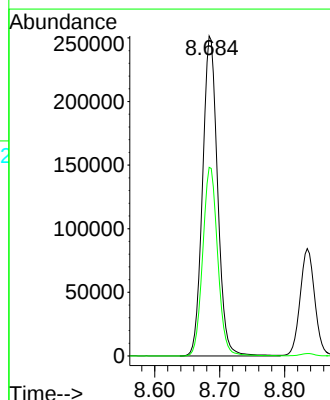
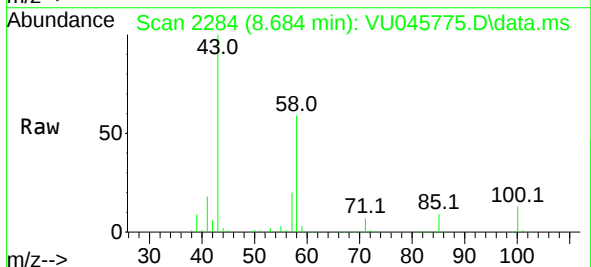
Acq: 12 Nov 2021 17:30

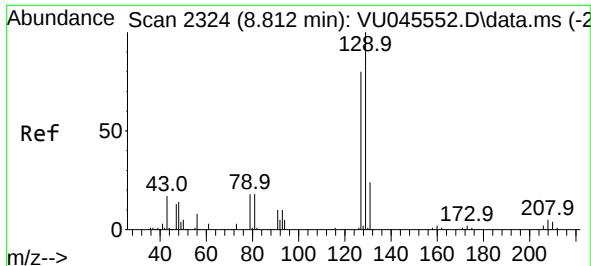
Tgt Ion: 43 Resp: 405394

Ion Ratio Lower Upper

43 100

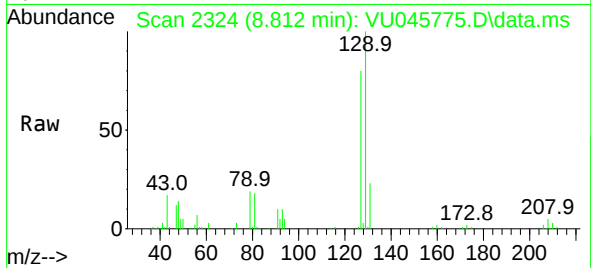
58 58.9 29.5 88.6





#60
Dibromochloromethane
Concen: 54.350 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

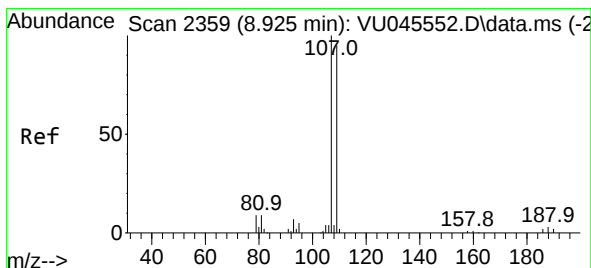
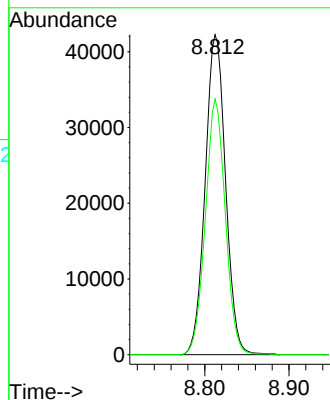
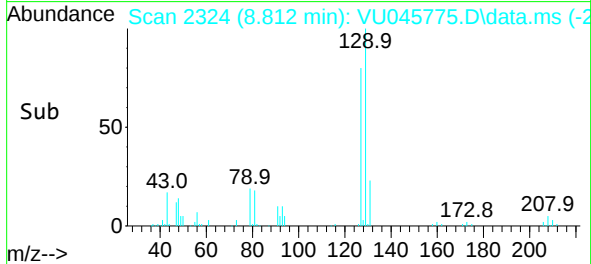
Instrument : MSVOA_U
ClientSampleId : MH-117T-20211109MS



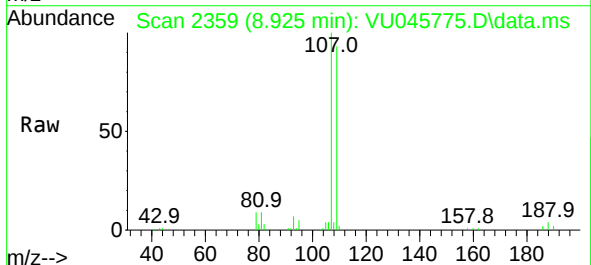
Tgt Ion:129 Resp: 71268
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.3

Manual Integrations
APPROVED

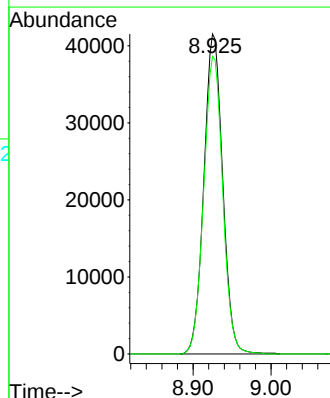
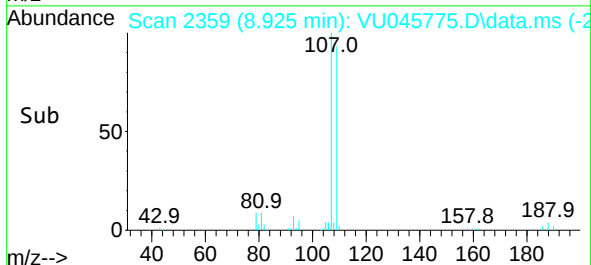
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

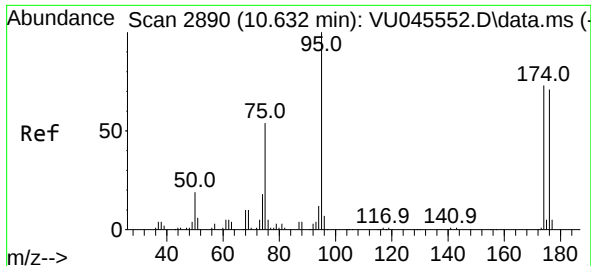


#61
1,2-Dibromoethane
Concen: 51.572 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. -0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30



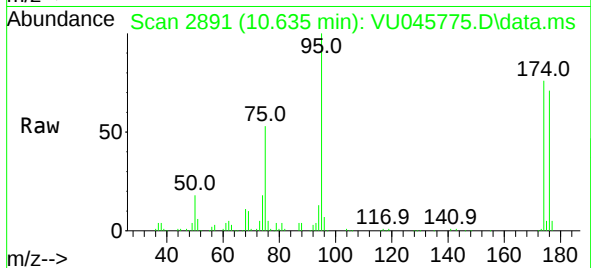
Tgt Ion:107 Resp: 69653
Ion Ratio Lower Upper
107 100
109 94.1 75.8 113.8





#62
4-Bromofluorobenzene
Concen: 55.085 ug/l
RT: 10.635 min Scan# 2890
Delta R.T. 0.003 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

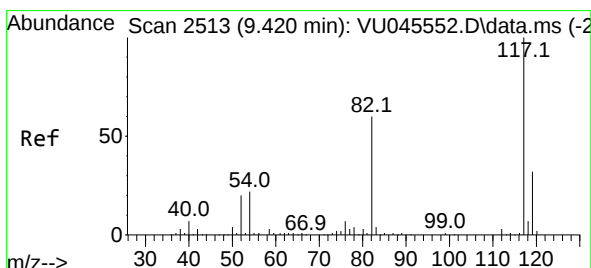
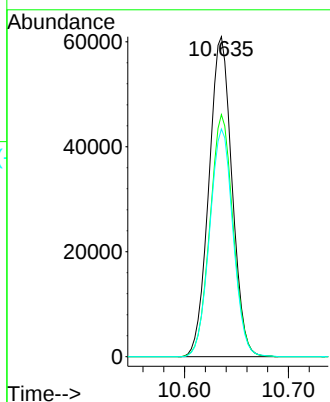
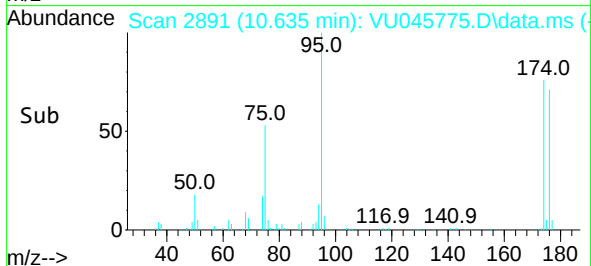
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MS



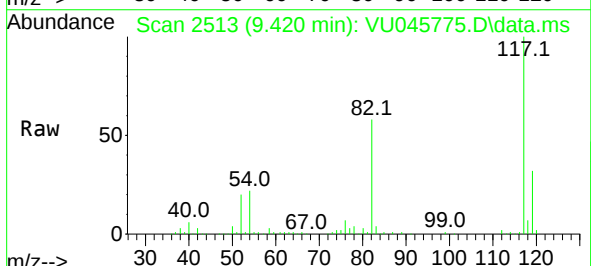
Tgt Ion: 95 Resp: 9427
Ion Ratio Lower Upper
95 100
174 75.8 0.0 141.8
176 72.0 0.0 138.2

Manual Integrations
APPROVED

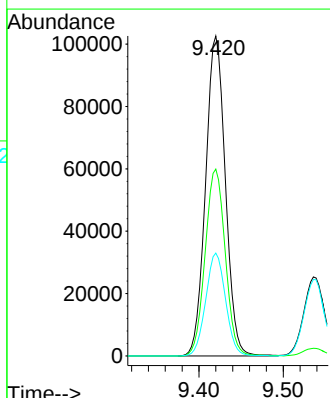
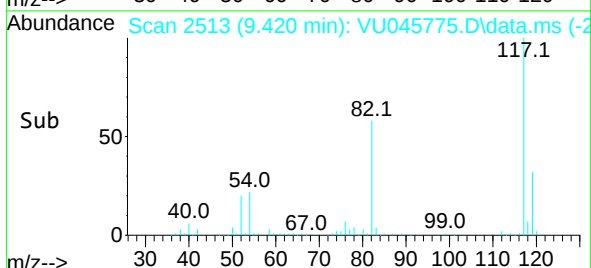
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

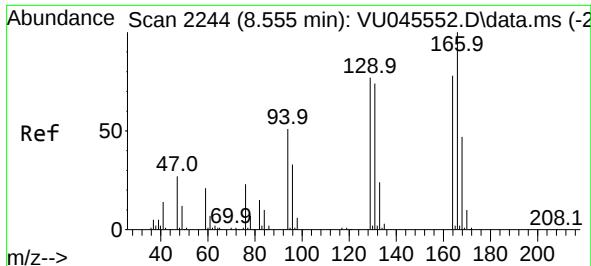


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30



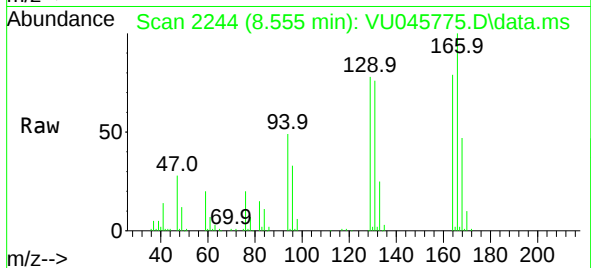
Tgt Ion:117 Resp: 167829
Ion Ratio Lower Upper
117 100
82 58.4 47.8 71.8
119 32.2 25.8 38.8





#64
Tetrachloroethene
Concen: 53.238 ug/l
RT: 8.555 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

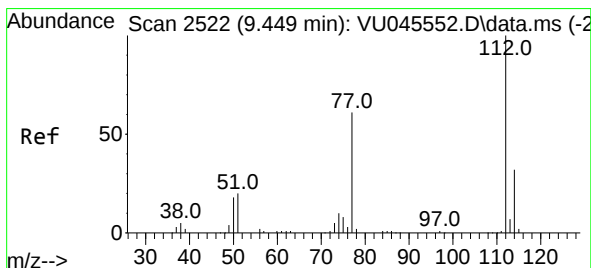
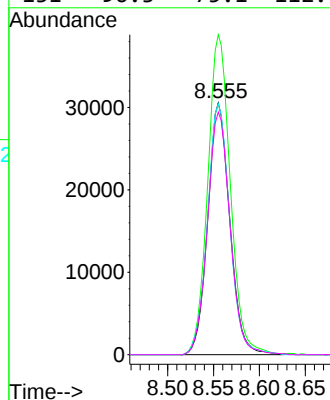
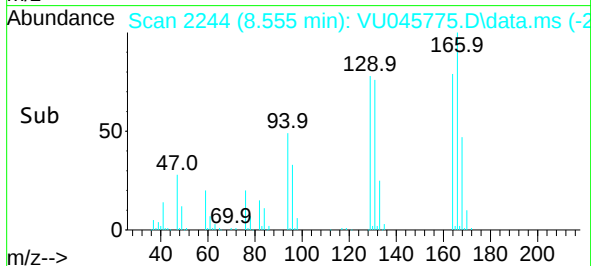
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MS



Tgt Ion:164 Resp: 5128
Ion Ratio Lower Upper
164 100
166 127.0 102.2 153.4
129 99.6 78.2 117.4
131 96.3 75.1 112.7

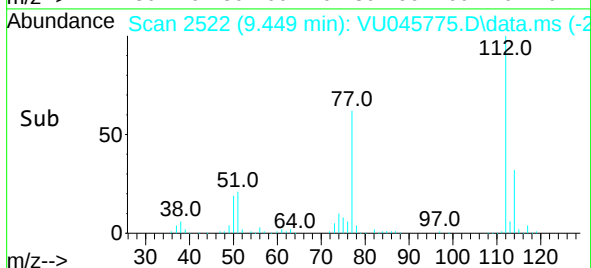
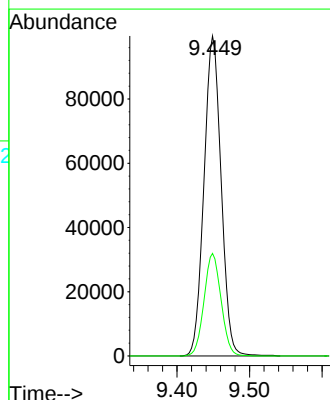
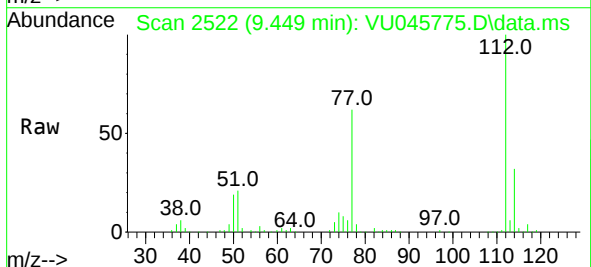
Manual Integrations
APPROVED

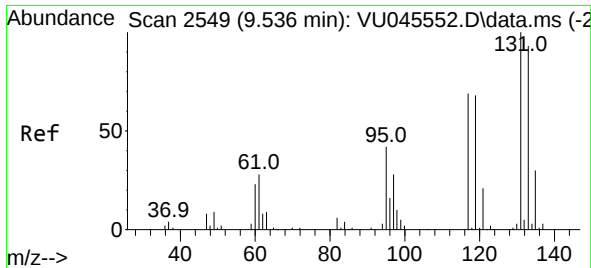
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#65
Chlorobenzene
Concen: 49.576 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

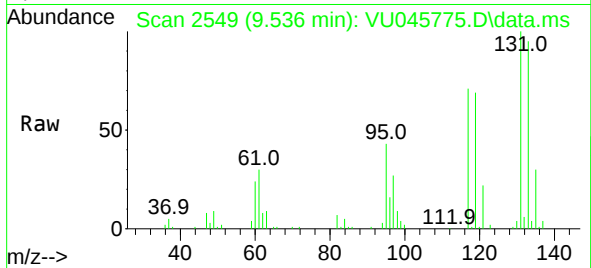
Tgt Ion:112 Resp: 163433
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5





#66
1,1,1,2-Tetrachloroethane
Concen: 51.851 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. -0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

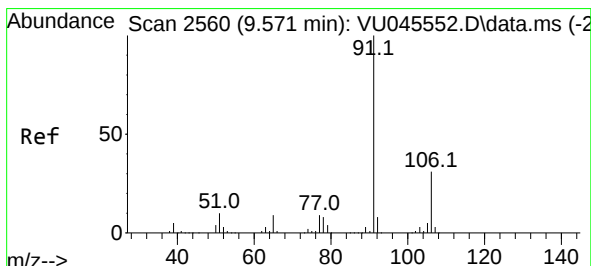
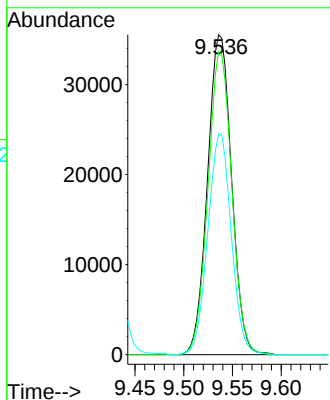
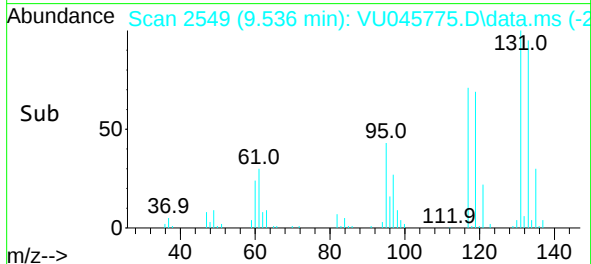
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MS



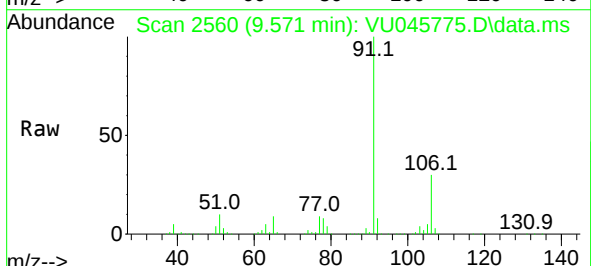
Tgt Ion:131 Resp: 60963
Ion Ratio Lower Upper
131 100
133 94.1 47.9 143.6
119 67.6 34.5 103.6

Manual Integrations
APPROVED

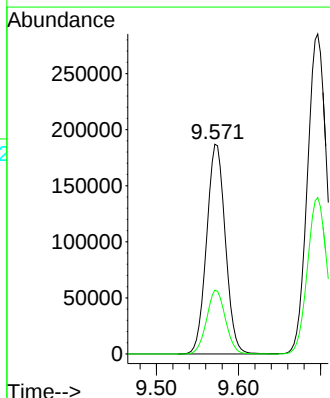
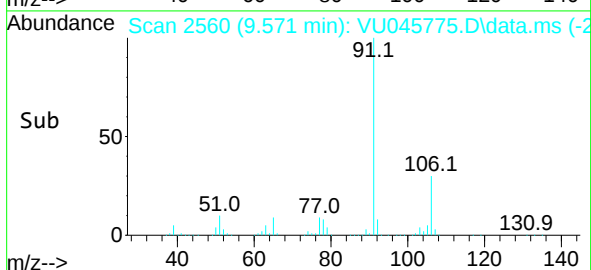
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

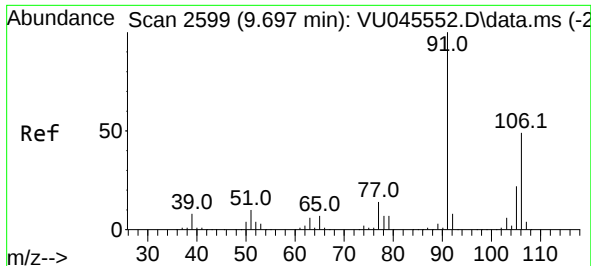


#67
Ethyl Benzene
Concen: 50.301 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30



Tgt Ion: 91 Resp: 296959
Ion Ratio Lower Upper
91 100
106 30.4 24.6 36.8





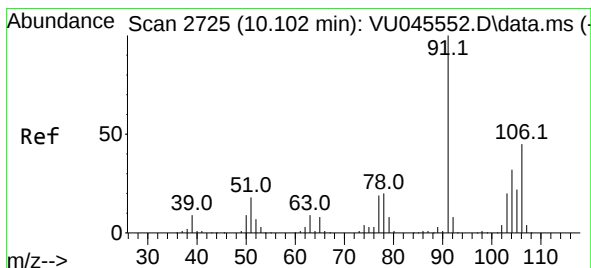
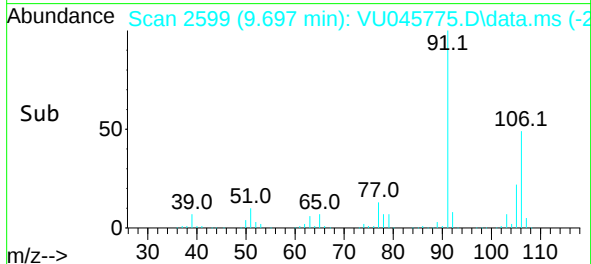
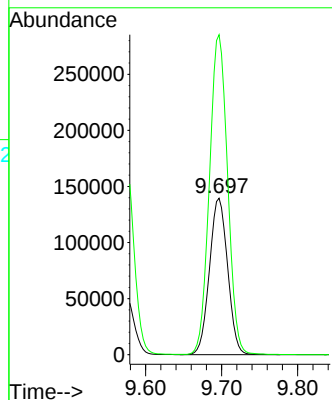
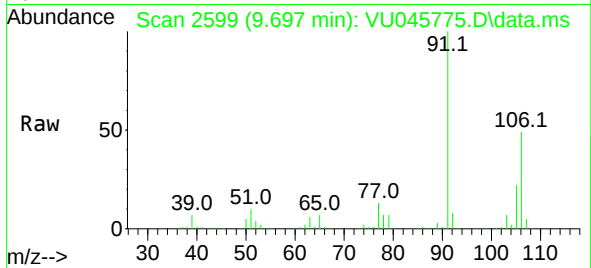
#68
m/p-Xylenes
Concen: 104.031 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

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

Tgt Ion:106 Resp: 231620
Ion Ratio Lower Upper
106 100
91 204.7 164.7 247.1

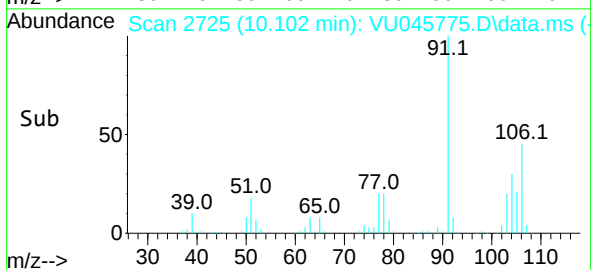
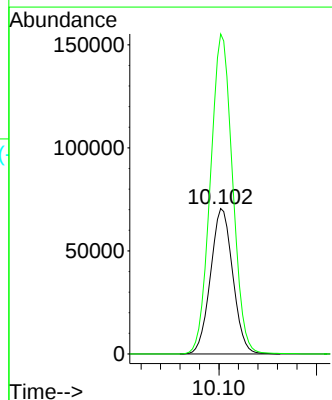
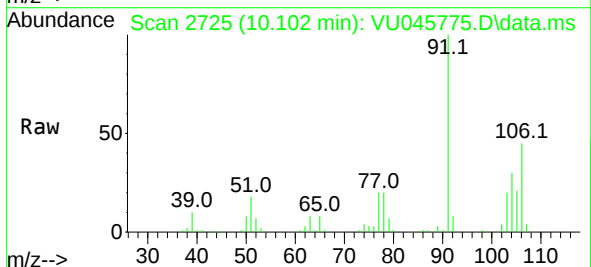
Manual Integrations
APPROVED

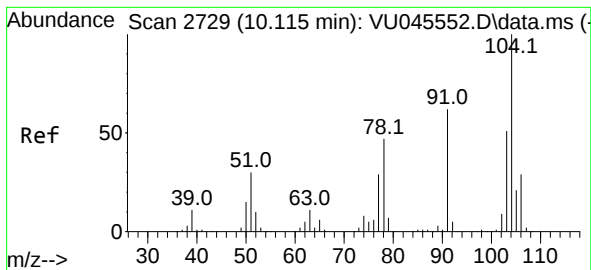
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#69
o-Xylene
Concen: 51.653 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

Tgt Ion:106 Resp: 111806
Ion Ratio Lower Upper
106 100
91 219.4 108.7 326.3





#70

Styrene

Concen: 52.665 ug/l

RT: 10.115 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045775.D

Acq: 12 Nov 2021 17:30

Instrument :

MSVOA_U

ClientSampleId :

MH-117T-20211109MS

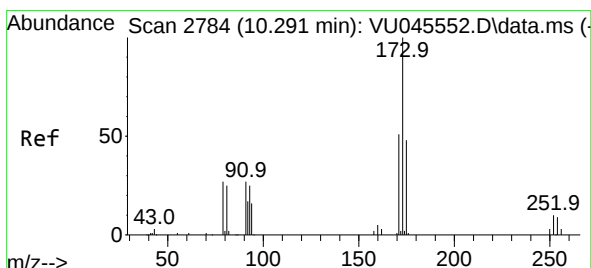
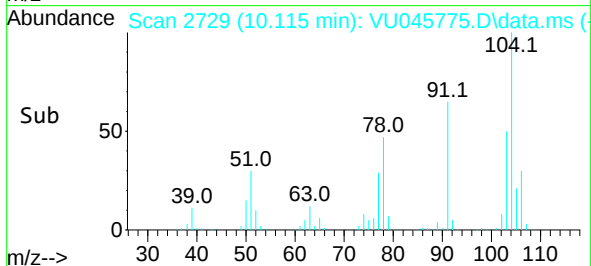
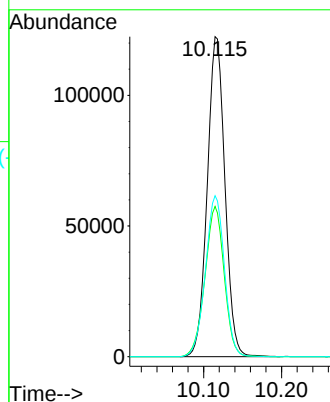
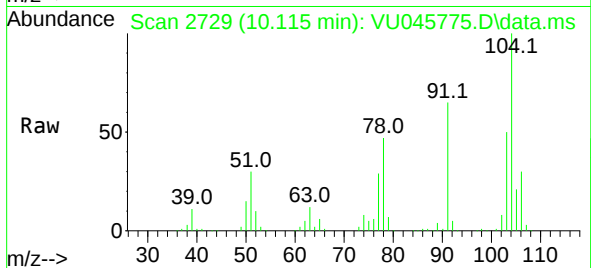
Tgt Ion:104 Resp: 192850
 Ion Ratio Lower Upper
 104 100
 78 51.0 41.8 62.6
 103 54.2 43.8 65.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#71

Bromoform

Concen: 47.018 ug/l

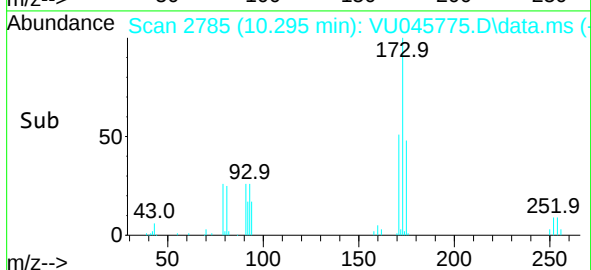
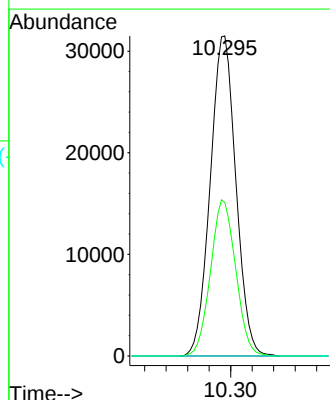
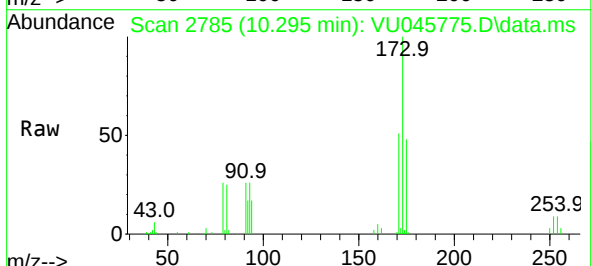
RT: 10.295 min Scan# 2785

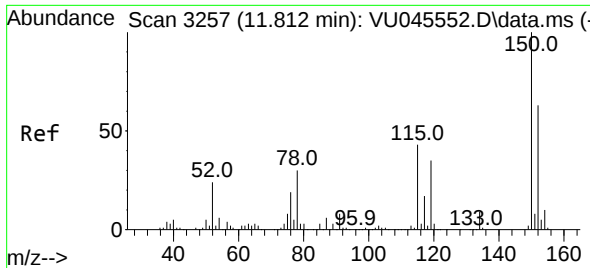
Delta R.T. 0.004 min

Lab File: VU045775.D

Acq: 12 Nov 2021 17:30

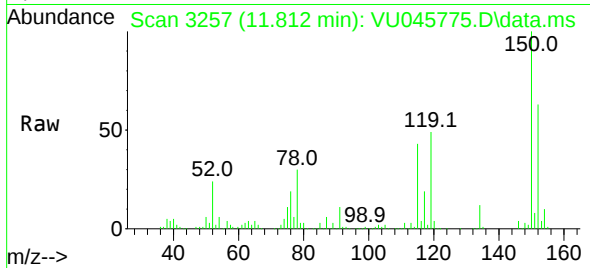
Tgt Ion:173 Resp: 52104
 Ion Ratio Lower Upper
 173 100
 175 47.8 24.1 72.2
 254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

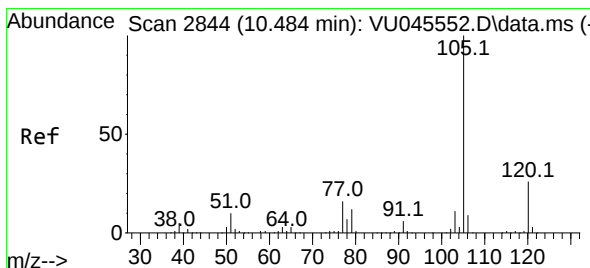
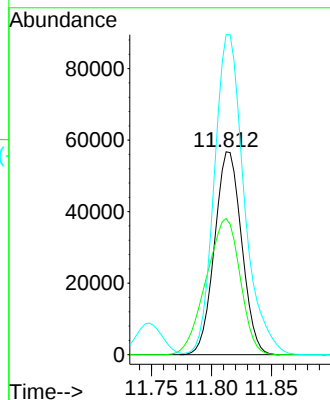
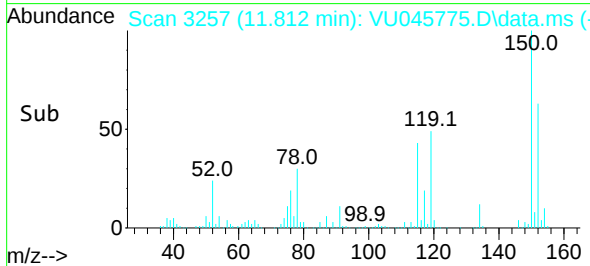
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MS



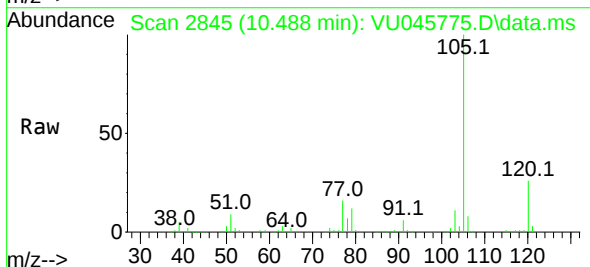
Tgt Ion:152 Resp: 8906
Ion Ratio Lower Upper
152 100
115 84.0 42.7 128.1
150 173.7 0.0 346.8

Manual Integrations
APPROVED

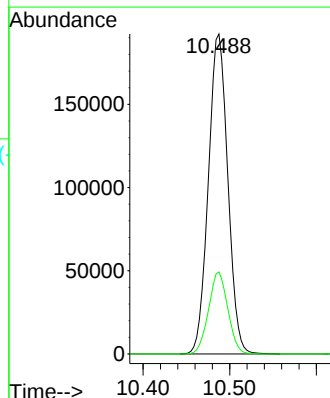
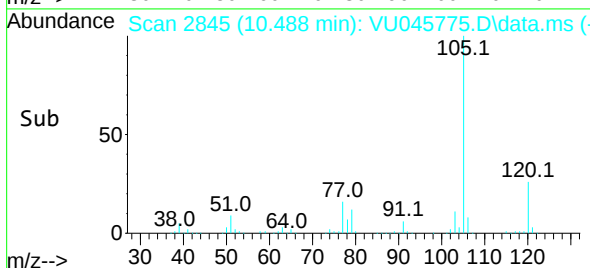
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

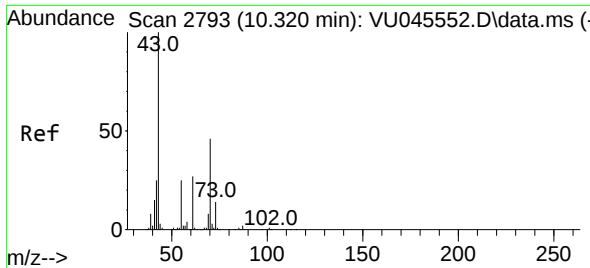


#73
Isopropylbenzene
Concen: 51.423 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30



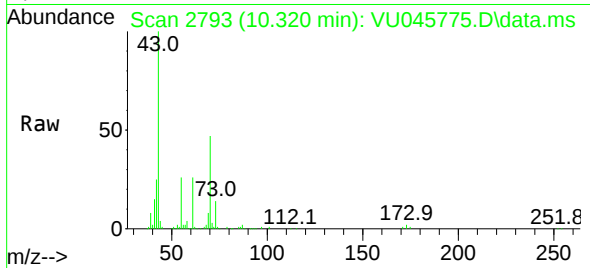
Tgt Ion:105 Resp: 299252
Ion Ratio Lower Upper
105 100
120 25.4 12.9 38.6





#74
N-amy1 acetate
Concen: 46.377 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. -0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

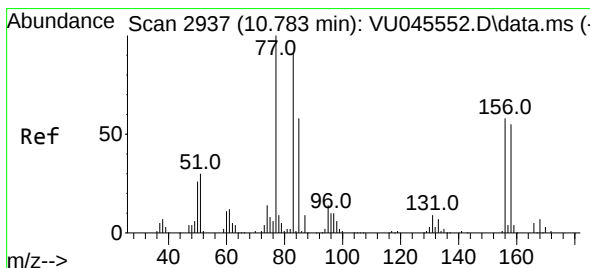
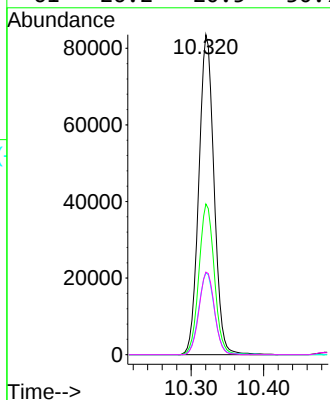
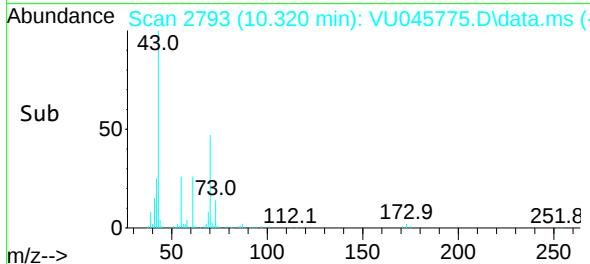
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MS



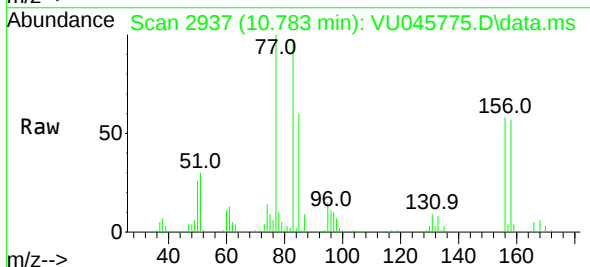
Tgt Ion: 43 Resp: 121752
Ion Ratio Lower Upper
43 100
70 47.5 36.9 55.3
55 26.6 20.6 31.0
61 26.2 20.5 30.7

Manual Integrations
APPROVED

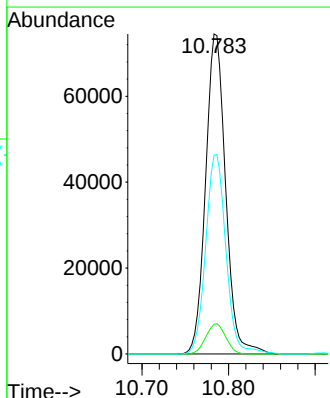
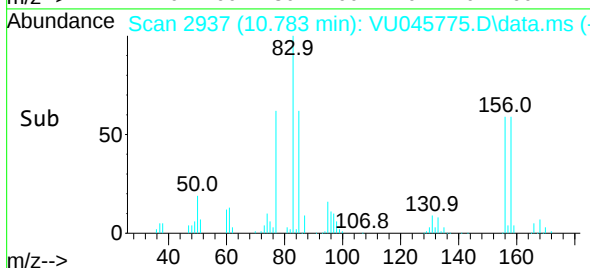
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

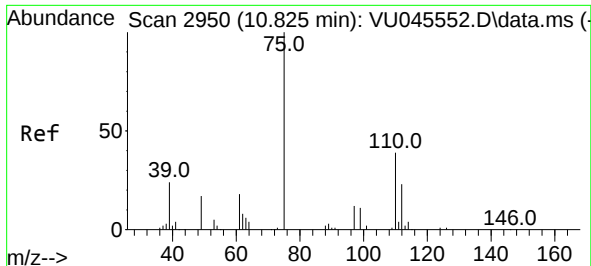


#75
1,1,2,2-Tetrachloroethane
Concen: 51.944 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30



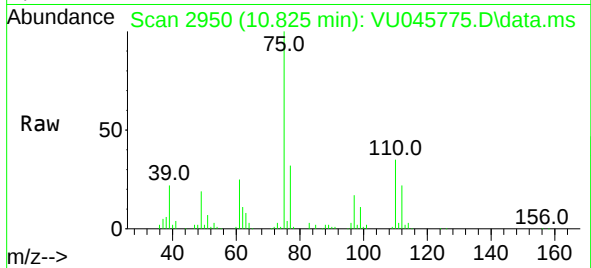
Tgt Ion: 83 Resp: 119765
Ion Ratio Lower Upper
83 100
131 9.3 4.4 13.2
85 63.0 31.9 95.9





#76
1,2,3-Trichloropropane
Concen: 41.225 ug/l m
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

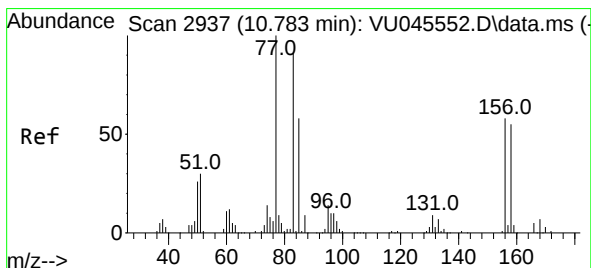
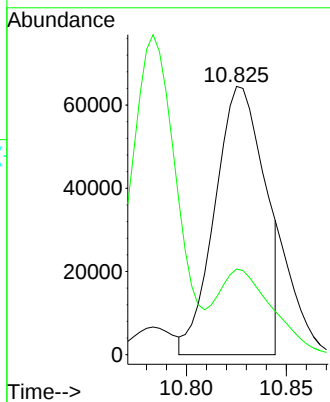
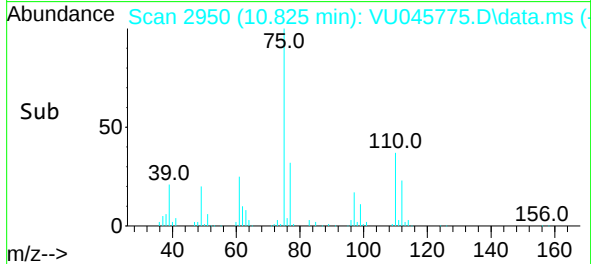
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MS



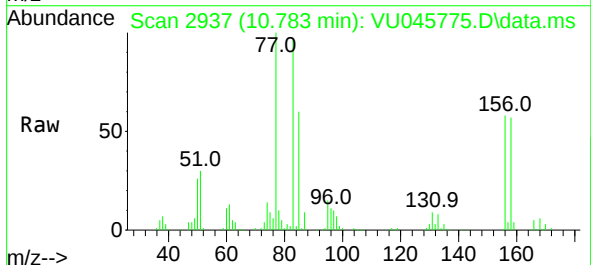
Tgt Ion: 75 Resp: 111340
Ion Ratio Lower Upper
75 100
77 35.7 17.1 51.3

Manual Integrations
APPROVED

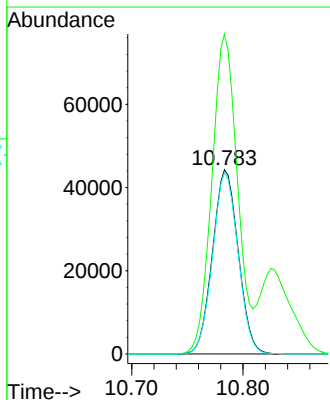
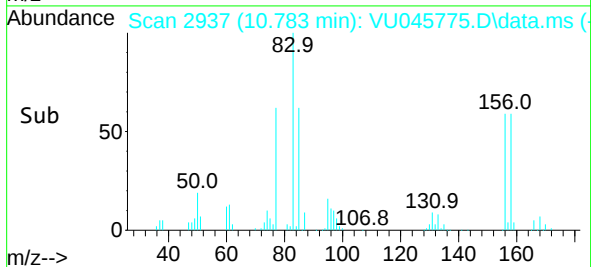
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

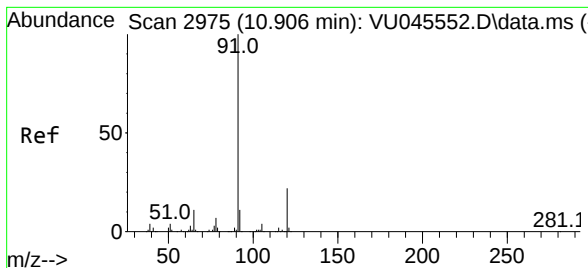


#77
Bromobenzene
Concen: 50.258 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30



Tgt Ion:156 Resp: 71010
Ion Ratio Lower Upper
156 100
77 173.2 91.1 273.4
158 97.3 47.9 143.6





#78

n-propylbenzene

Concen: 49.615 ug/l

RT: 10.909 min Scan# 2975

Delta R.T. 0.003 min

Lab File: VU045775.D

Acq: 12 Nov 2021 17:30

Instrument :

MSVOA_U

ClientSampleId :

MH-117T-20211109MS

Tgt Ion: 91 Resp: 359358

Ion Ratio Lower Upper

91 100

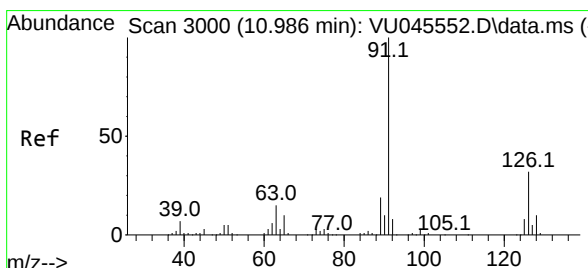
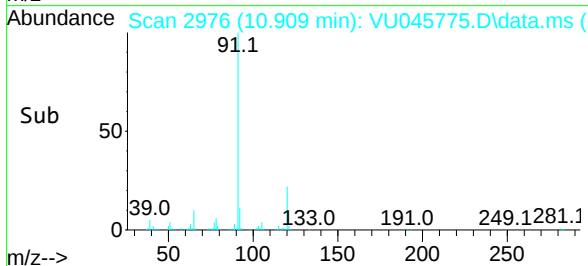
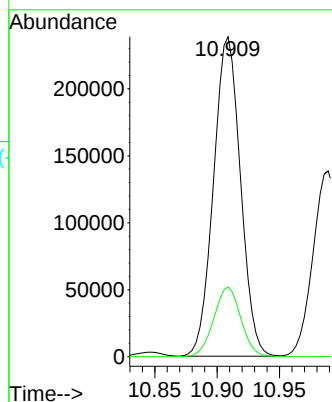
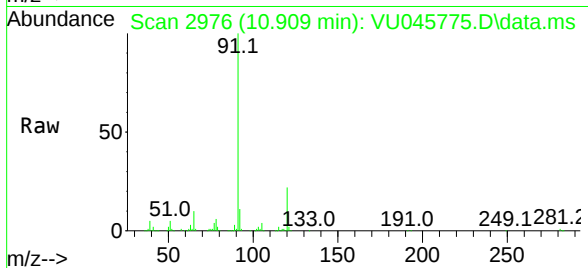
120 21.8 10.9 32.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#79

2-Chlorotoluene

Concen: 50.287 ug/l

RT: 10.989 min Scan# 3001

Delta R.T. 0.003 min

Lab File: VU045775.D

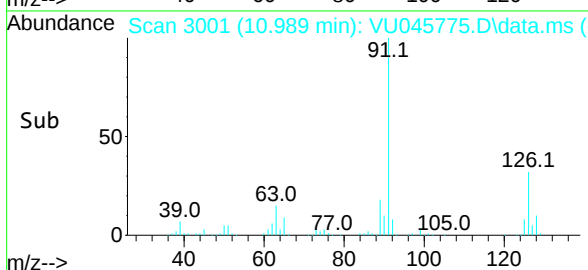
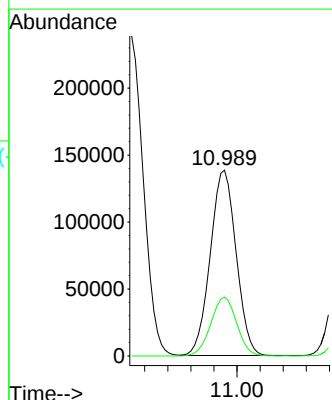
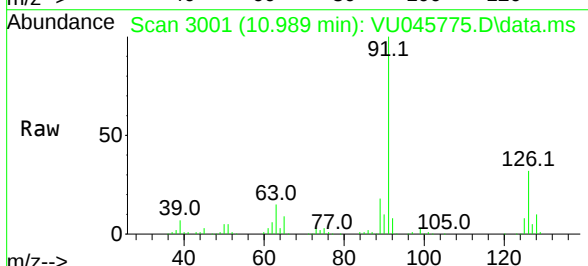
Acq: 12 Nov 2021 17:30

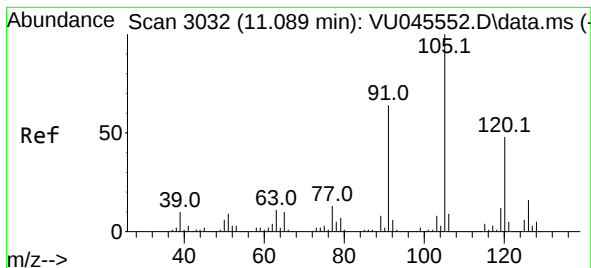
Tgt Ion: 91 Resp: 215186

Ion Ratio Lower Upper

91 100

126 31.8 15.6 46.8





#80

1,3,5-Trimethylbenzene

Concen: 50.202 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU045775.D

Acq: 12 Nov 2021 17:30

Instrument :

MSVOA_U

ClientSampleId :

MH-117T-20211109MS

Tgt Ion:105 Resp: 255250

Ion Ratio Lower Upper

105 100

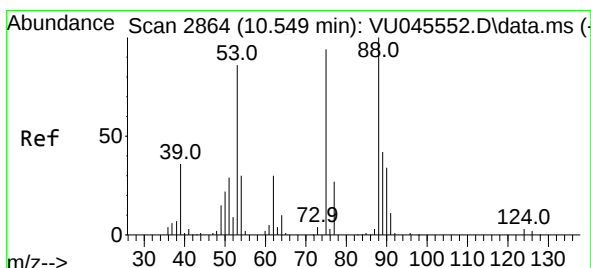
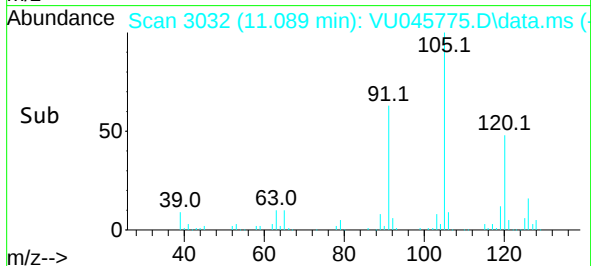
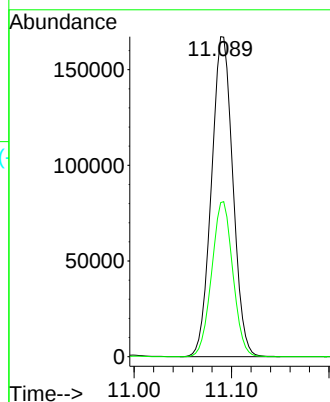
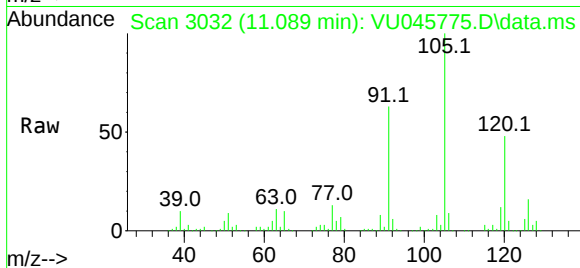
120 47.9 23.9 71.8

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: 39.853 ug/l

RT: 10.549 min Scan# 2864

Delta R.T. -0.000 min

Lab File: VU045775.D

Acq: 12 Nov 2021 17:30

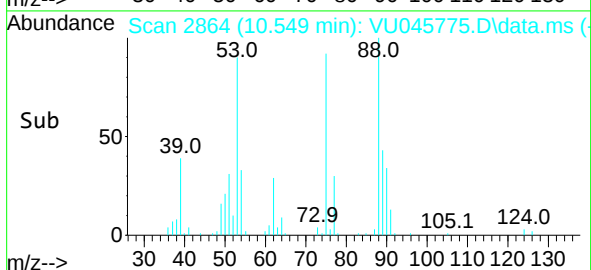
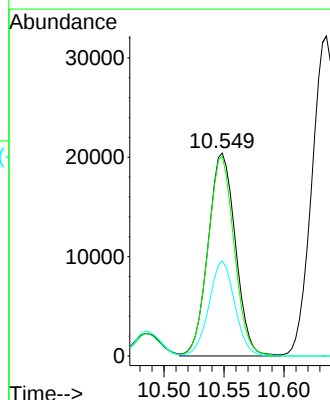
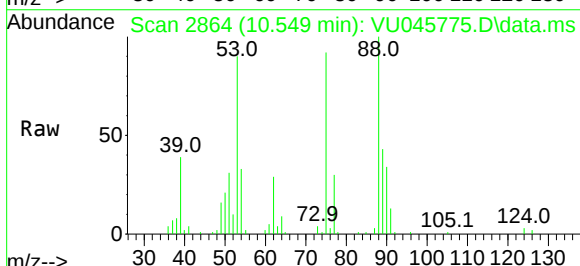
Tgt Ion: 75 Resp: 32326

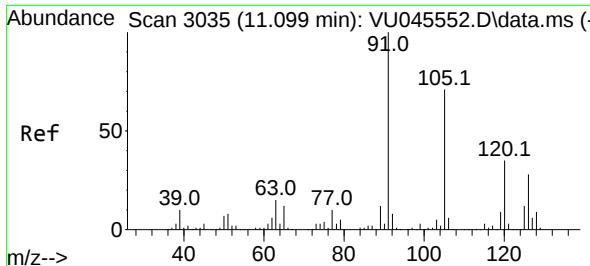
Ion Ratio Lower Upper

75 100

53 94.5 76.2 114.4

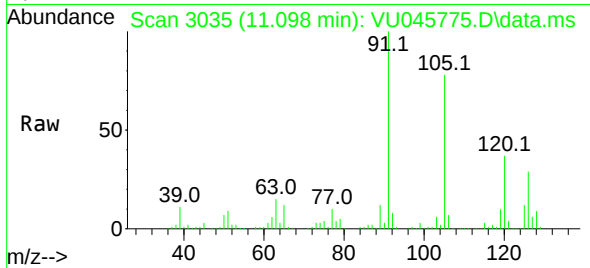
89 44.3 34.0 51.0





#82
4-Chlorotoluene
Concen: 49.907 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. -0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

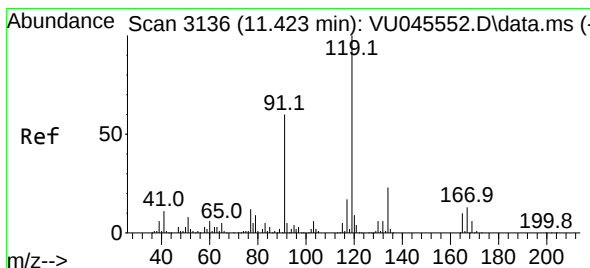
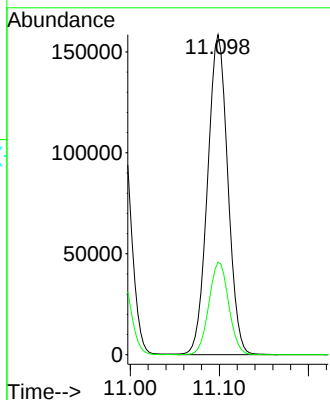
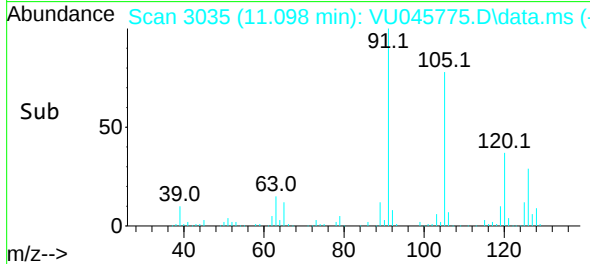
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MS



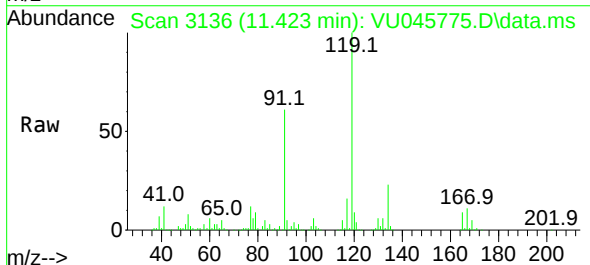
Tgt Ion: 91 Resp: 250456
Ion Ratio Lower Upper
91 100
126 28.3 13.8 41.4

Manual Integrations
APPROVED

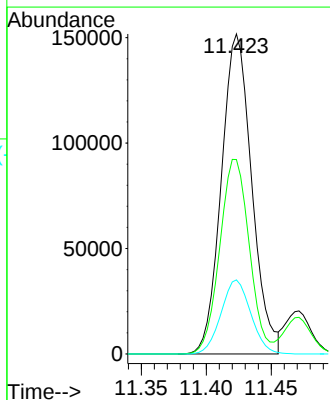
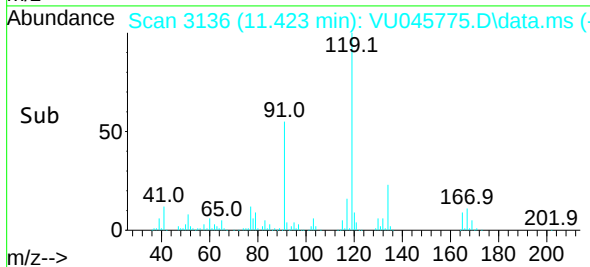
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

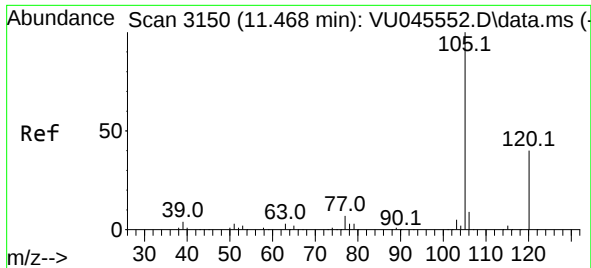


#83
tert-Butylbenzene
Concen: 50.962 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30



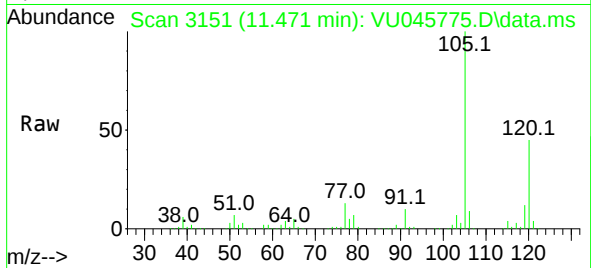
Tgt Ion:119 Resp: 247003
Ion Ratio Lower Upper
119 100
91 59.4 30.5 91.5
134 22.6 11.5 34.5





#84
1,2,4-Trimethylbenzene
Concen: 50.896 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

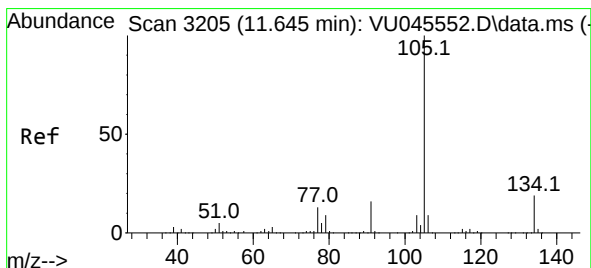
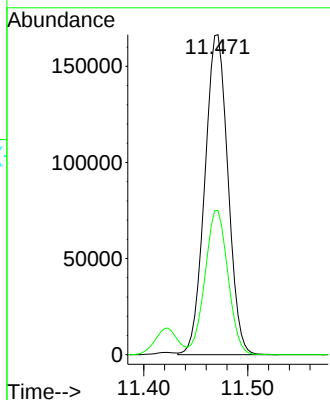
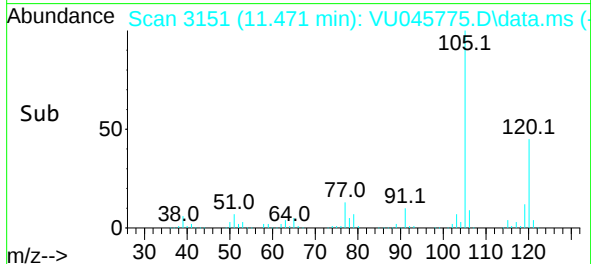
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MS



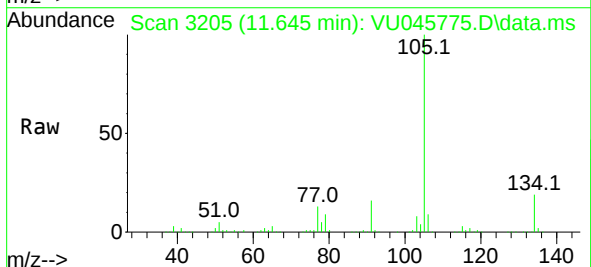
Tgt Ion:105 Resp: 25719
Ion Ratio Lower Upper
105 100
120 44.7 22.2 66.6

Manual Integrations
APPROVED

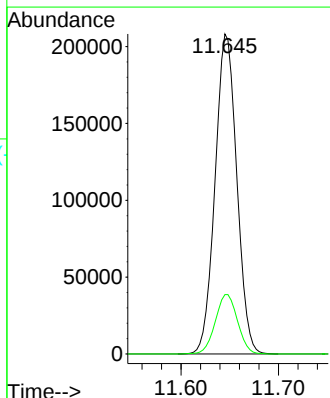
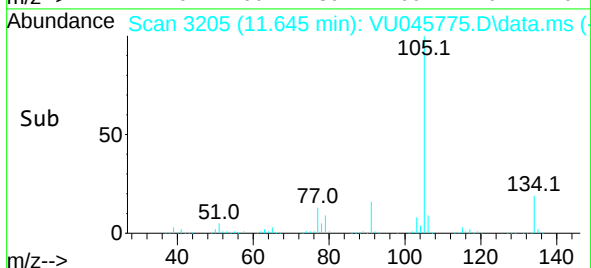
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

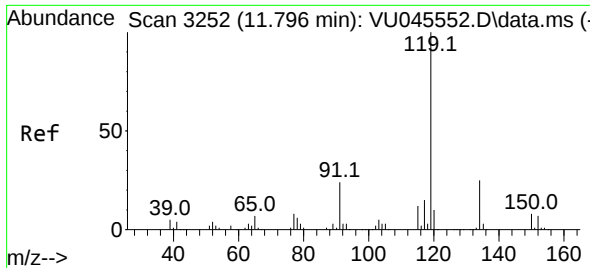


#85
sec-Butylbenzene
Concen: 50.088 ug/l
RT: 11.645 min Scan# 3205
Delta R.T. -0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30



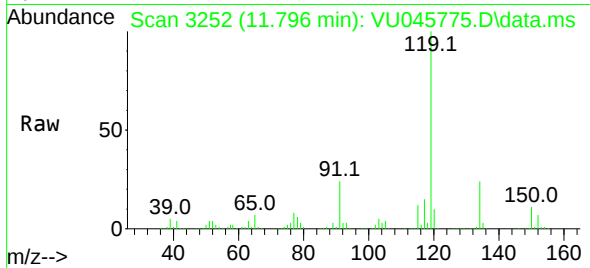
Tgt Ion:105 Resp: 321969
Ion Ratio Lower Upper
105 100
134 19.1 9.4 28.3





#86
p-Isopropyltoluene
Concen: 49.095 ug/l
RT: 11.796 min Scan# 3252
Delta R.T. -0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

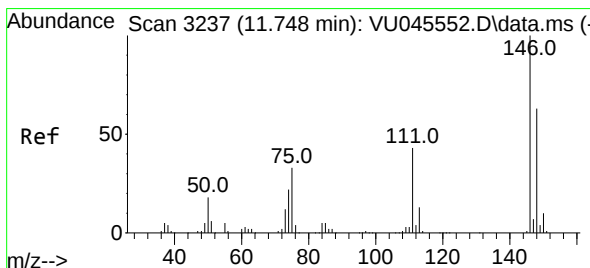
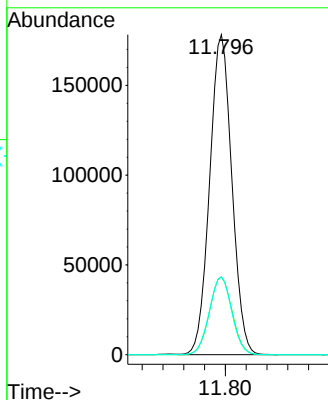
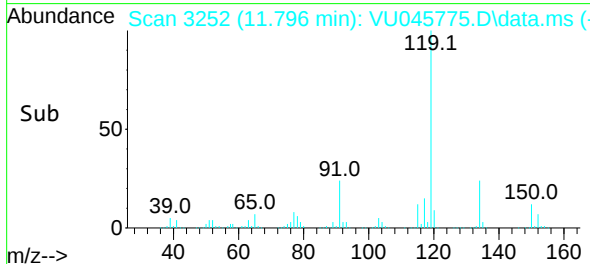
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MS



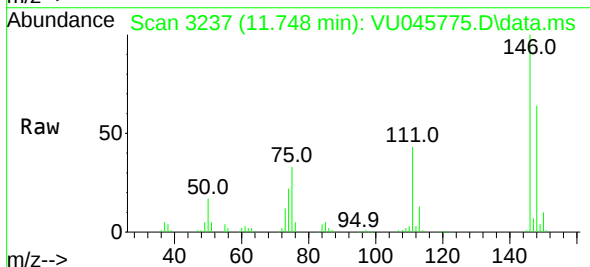
Tgt Ion:119 Resp: 263710
Ion Ratio Lower Upper
119 100
134 24.8 12.7 38.1
91 24.7 12.2 36.4

Manual Integrations
APPROVED

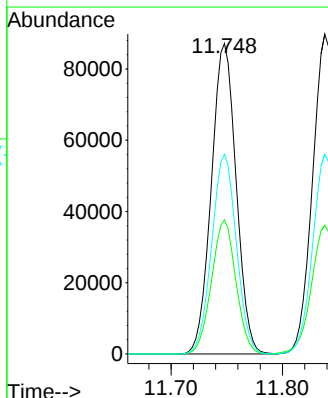
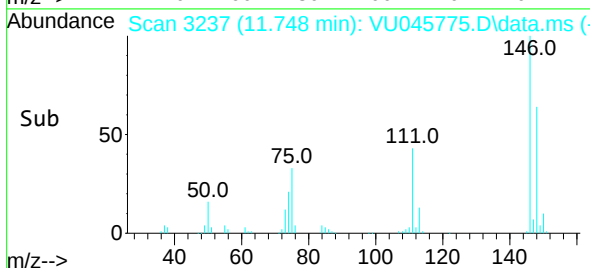
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

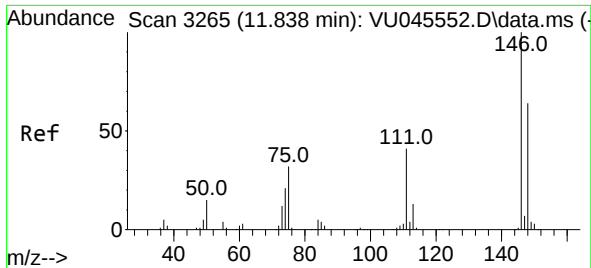


#87
1,3-Dichlorobenzene
Concen: 47.308 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30



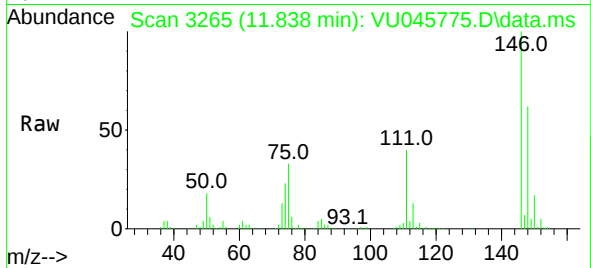
Tgt Ion:146 Resp: 134865
Ion Ratio Lower Upper
146 100
111 42.4 21.3 63.9
148 64.0 31.7 95.1





#88
1,4-Dichlorobenzene
Concen: 47.877 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

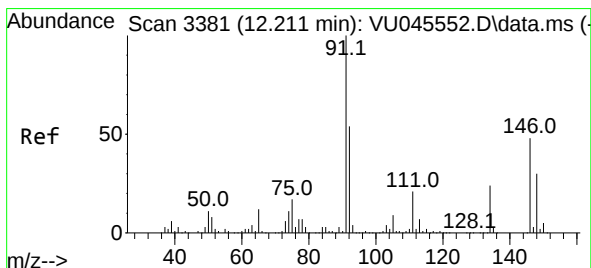
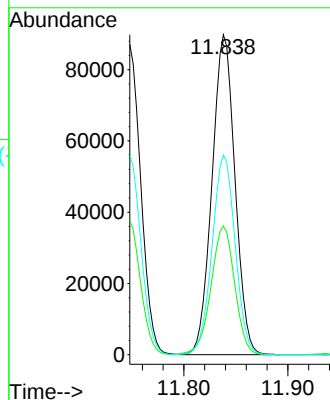
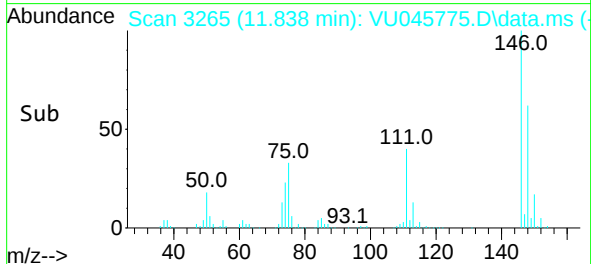
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MS



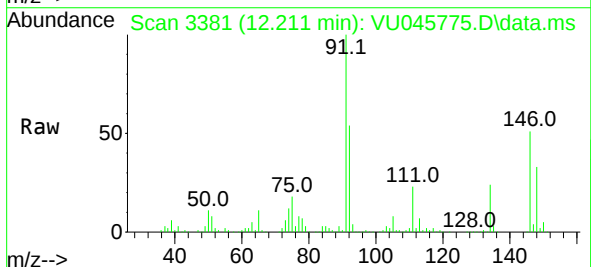
Tgt Ion:146 Resp: 13804
Ion Ratio Lower Upper
146 100
111 41.4 20.6 61.9
148 62.7 31.9 95.7

Manual Integrations
APPROVED

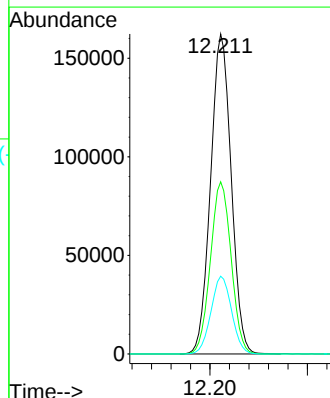
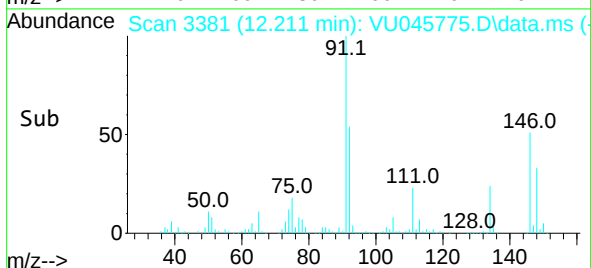
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

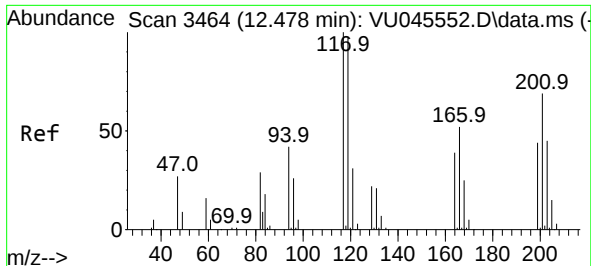


#89
n-Butylbenzene
Concen: 45.960 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30



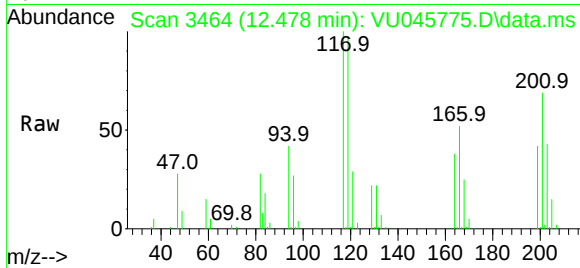
Tgt Ion: 91 Resp: 237814
Ion Ratio Lower Upper
91 100
92 54.1 27.1 81.2
134 24.3 11.8 35.4





#90
Hexachloroethane
Concen: 46.713 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. -0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30

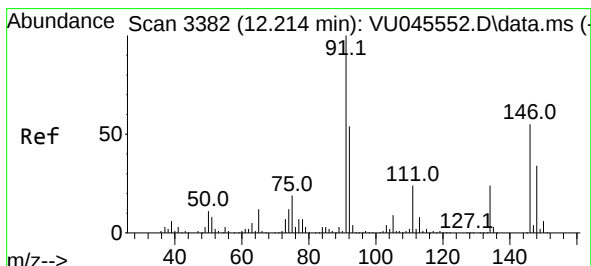
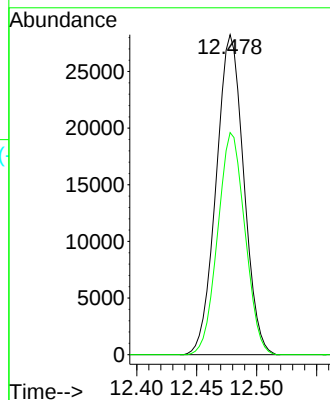
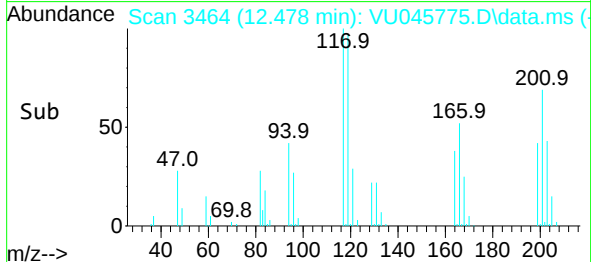
Instrument :
MSVOA_U
ClientSampleId :
MH-117T-20211109MS



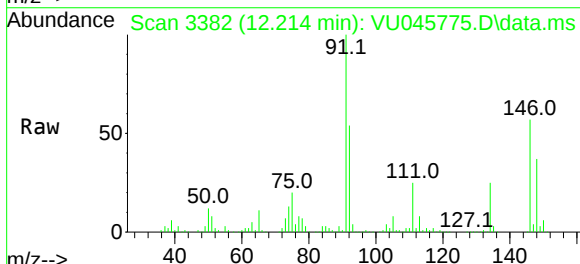
Tgt Ion:117 Resp: 45260
Ion Ratio Lower Upper
117 100
201 68.5 33.8 101.4

Manual Integrations
APPROVED

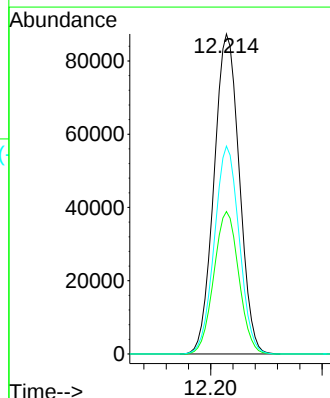
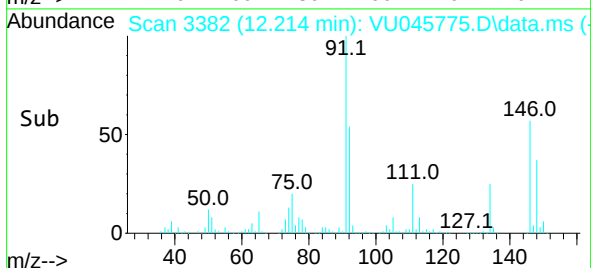
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

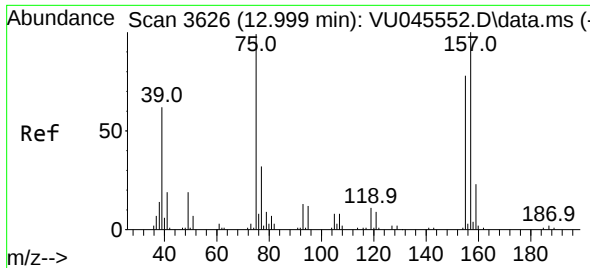


#91
1,2-Dichlorobenzene
Concen: 49.717 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU045775.D
Acq: 12 Nov 2021 17:30



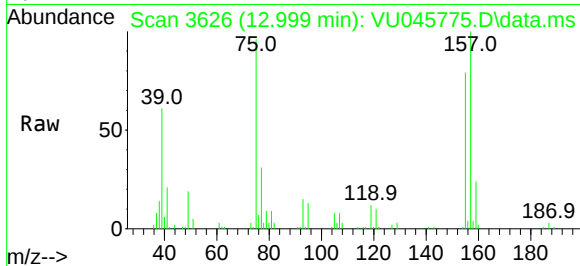
Tgt Ion:146 Resp: 137894
Ion Ratio Lower Upper
146 100
111 44.0 21.9 65.5
148 63.8 32.1 96.3





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.427 ug/l
 RT: 12.999 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VU045775.D
 Acq: 12 Nov 2021 17:30

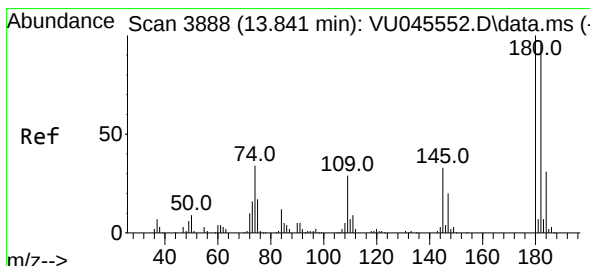
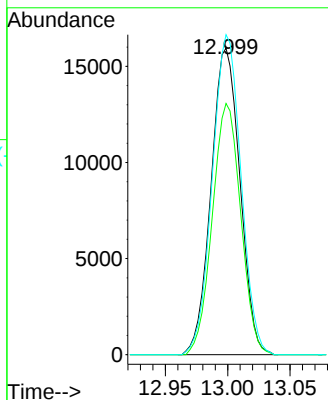
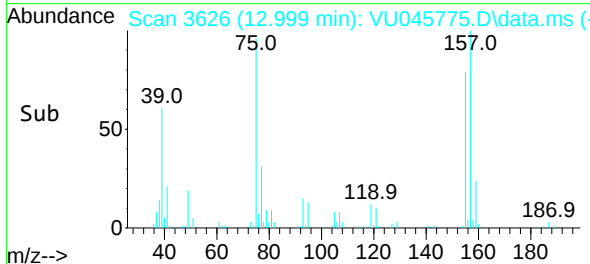
Instrument :
 MSVOA_U
 ClientSampleId :
 MH-117T-20211109MS



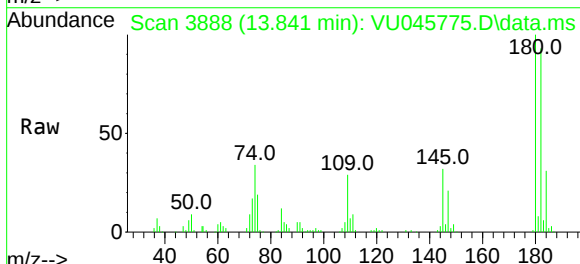
Tgt Ion: 75 Resp: 2580
 Ion Ratio Lower Upper
 75 100
 155 80.3 37.8 113.3
 157 103.6 48.4 145.2

Manual Integrations
 APPROVED

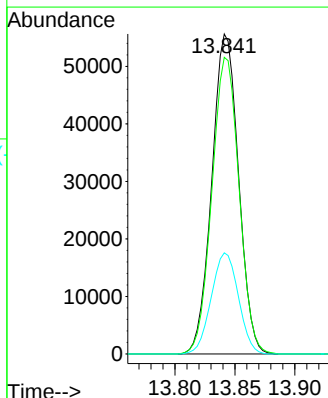
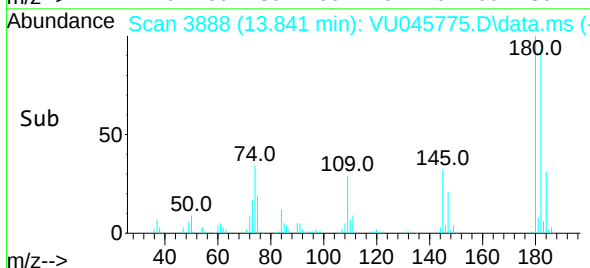
Reviewed By :John Carlone 11/15/2021
 Supervised By :Mahesh Dadoda 11/16/2021

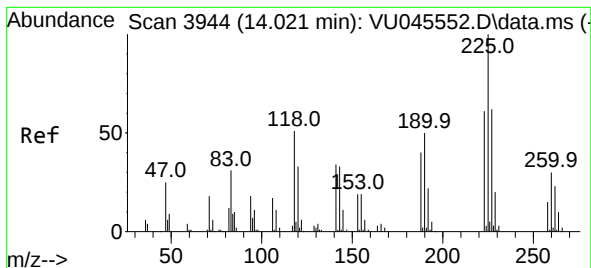


#93
 1,2,4-Trichlorobenzene
 Concen: 44.840 ug/l
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU045775.D
 Acq: 12 Nov 2021 17:30



Tgt Ion:180 Resp: 85992
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.0 141.2
 145 32.1 15.6 46.7





#94

Hexachlorobutadiene

Concen: 42.596 ug/l

RT: 14.024 min Scan# 3944

Delta R.T. 0.003 min

Lab File: VU045775.D

Acq: 12 Nov 2021 17:30

Instrument :

MSVOA_U

ClientSampleId :

MH-117T-20211109MS

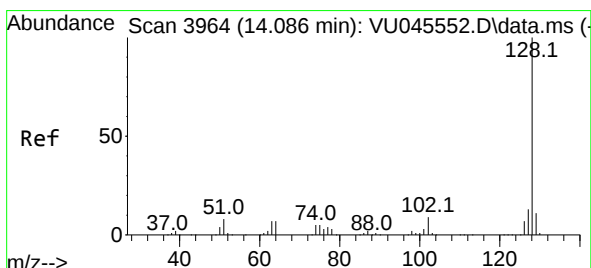
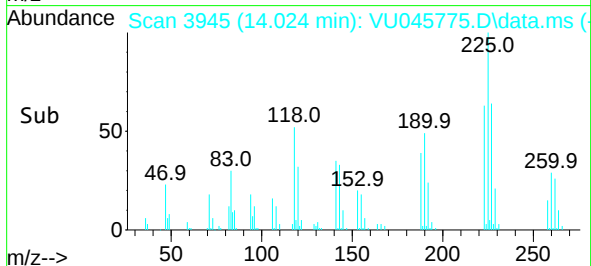
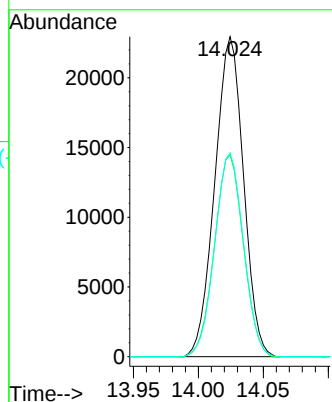
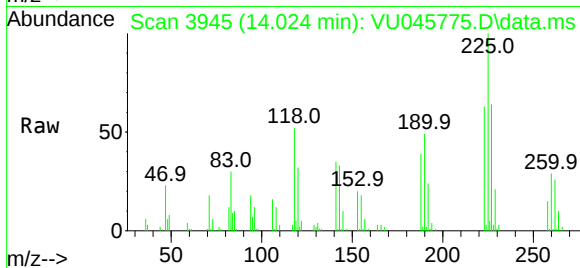
Tgt Ion:	225	Resp:	3526
Ion Ratio	Lower	Upper	
225	100		
223	63.4	32.0	96.2
227	63.8	31.1	93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#95

Naphthalene

Concen: 45.855 ug/l

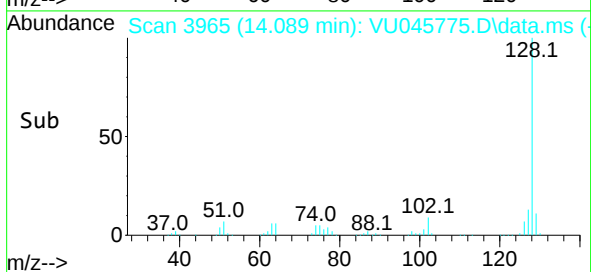
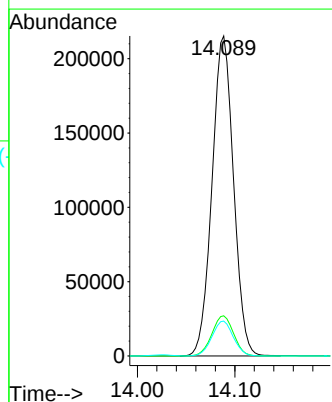
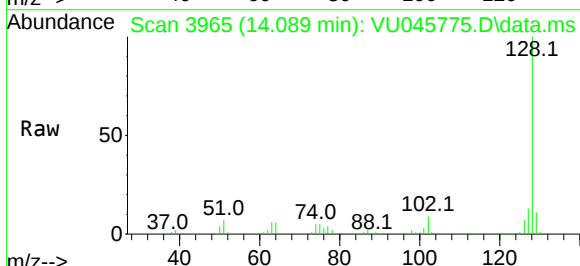
RT: 14.089 min Scan# 3965

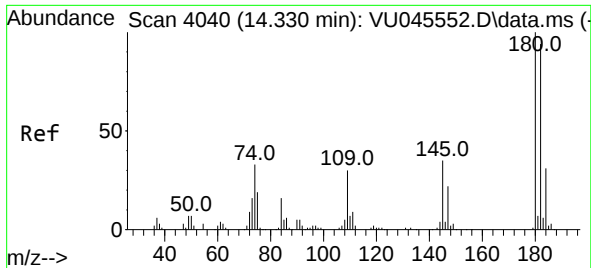
Delta R.T. 0.003 min

Lab File: VU045775.D

Acq: 12 Nov 2021 17:30

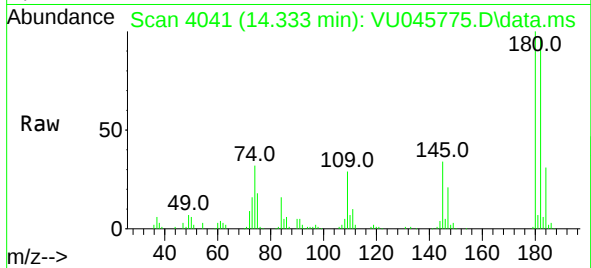
Tgt Ion:	128	Resp:	329970
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.6	15.8
129	10.9	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 47.965 ug/l
 RT: 14.333 min Scan# 4040
 Delta R.T. 0.003 min
 Lab File: VU045775.D
 Acq: 12 Nov 2021 17:30

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



Tgt Ion:180 Resp: 91364
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.7 143.1
 145 34.1 16.7 50.0

Manual Integrations
 APPROVED

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

