

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012323\
 Data File : VU052776.D
 Acq On : 23 Jan 2023 14:06
 Operator : JC/MD
 Sample : VSTDIC015
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/24/2023
 Supervised By :Mahesh Dadoda 01/24/2023

Quant Time: Jan 24 04:36:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012323DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jan 24 04:32:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.112	96	41603	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	15339	1.032	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	15199	0.861	ug/l	0.00
Spiked Amount 1.000			Recovery	=	86.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	224290	15.190	ug/l	99
3) Chloromethane	1.520	50	193923	12.068	ug/l	100
4) Vinyl Chloride	1.604	62	201045	13.915	ug/l	100
5) Bromomethane	1.858	94	106738	12.024	ug/l	98
6) Chloroethane	1.935	64	119995	13.500	ug/l	97
7) Trichlorofluoromethane	2.137	101	293222	15.018	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	159758	14.319	ug/l	99
9) 1,1-Dichloroethene	2.581	96	152115	13.770	ug/l	99
10) Iodomethane	2.723	142	183918	21.958	ug/l	98
11) Allyl Chloride	2.922	41	186598	12.511	ug/l	99
12) Acrylonitrile	3.324	53	63887	23.322	ug/l	99
13) Acetone	2.649	43	253114	107.233	ug/l	96
14) Carbon Disulfide	2.793	76	501952	14.230	ug/l	99
15) Methylene Chloride	3.044	84	160078	9.138	ug/l	99
16) trans-1,2-Dichloroethene	3.350	96	166441	13.706	ug/l	99
17) 1,1-Dichloroethane	3.867	63	281551	14.101	ug/l	99
18) 2-Butanone	4.723	43	280994	92.344	ug/l	96
19) Cyclohexane	5.382	56	252184m	16.513	ug/l	
20) Methylcyclohexane	6.758	83	313722	18.181	ug/l	100
21) 2,2-Dichloropropane	4.661	77	261378	15.761	ug/l	98
22) cis-1,2-Dichloroethene	4.661	96	175782	14.155	ug/l	99
23) Diethyl Ether	2.375	59	108820	13.266	ug/l	100
24) tert-Butyl Alcohol	3.279	59	121904m	136.723	ug/l	
25) Methyl tert-Butyl Ether	3.362	73	351580	12.935	ug/l	100
26) Bromochloromethane	4.970	128	77436	12.627	ug/l	99
27) Chloroform	5.086	83	298356	14.070	ug/l	98
28) 1,1,1-Trichloroethane	5.311	97	282076	15.509	ug/l	99
29) 1,1-Dichloropropene	5.520	75	239873	15.679	ug/l	99
30) Carbon Tetrachloride	5.517	117	263799	16.501	ug/l	99
31) Isopropyl Ether	3.996	45	404960	14.672	ug/l	99
32) Ethyl-t-butyl ether	4.504	59	386663	14.495	ug/l	99
33) Tert-Amyl methyl ether	5.944	73	360272	14.999	ug/l	99
34) Propionitrile	4.803	54	59431	63.441	ug/l #	99
35) Benzene	5.771	78	698155	15.261	ug/l	100
36) 1,2-Dichloroethane	5.793	62	204170	15.125	ug/l	100
37) Trichloroethene	6.539	130	191242	14.514	ug/l	100
38) 1,2-Dichloropropane	6.790	63	177745	15.281	ug/l	98
39) Methacrylonitrile	4.980	41	46811	13.932	ug/l	97
40) Methyl acrylate	4.851	55	88716	15.897	ug/l	98
41) Tetrahydrofuran	5.073	42	45594	24.347	ug/l	95
42) 1-Chlorobutane	5.452	56	306547	15.618	ug/l	99
43) Dibromomethane	6.915	93	89128	13.611	ug/l	97
44) Bromodichloromethane	7.105	83	241143	15.575	ug/l	98

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	512546	75.774	ug/l	100
46) t-1,4-Dichloro-2-butene	10.828	75	101462m	31.511	ug/l	
47) Methyl methacrylate	6.964	69	173790	32.444	ug/l	98
48) Ethyl methacrylate	8.333	69	164046	16.662	ug/l	97
49) Toluene	7.967	92	451282	16.274	ug/l	100
50) t-1,3-Dichloropropene	8.208	75	224664	16.392	ug/l	96
51) cis-1,3-Dichloropropene	7.607	75	263700	16.709	ug/l	99
52) 1,1,2-Trichloroethane	8.398	97	124358	13.386	ug/l	98
53) 1,3-Dichloropropane	8.571	76	223176	14.505	ug/l	99
54) 2-Hexanone	8.687	43	489686	97.598	ug/l	99
55) Dibromochloromethane	8.809	129	165229	14.764	ug/l	100
56) 1,2-Dibromoethane	8.922	107	121082	13.700	ug/l	98
58) Tetrachloroethene	8.549	164	174106	14.762	ug/l	99
59) Chlorobenzene	9.443	112	488646	15.080	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.533	131	178615	15.413	ug/l	99
61) Pentachloroethane	11.423	117	144874	14.975	ug/l	97
62) Hexachloroethane	12.471	117	157661	17.561	ug/l	99
63) Ethyl Benzene	9.568	91	855451	17.003	ug/l	100
64) m/p-Xylenes	9.690	106	683837	34.073	ug/l	100
65) o-Xylene	10.099	106	329224	17.147	ug/l	99
66) Styrene	10.111	104	540878	16.842	ug/l	100
67) Bromoform	10.288	173	98726	14.122	ug/l	98
69) Isopropylbenzene	10.481	105	853038	17.077	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.780	83	160964	13.480	ug/l	98
71) 1,2,3-Trichloropropane	10.828	75	139482m	14.851	ug/l	
72) Bromobenzene	10.780	156	196516	13.428	ug/l	99
73) n-propylbenzene	10.902	120	241608	17.027	ug/l	99
74) 2-Chlorotoluene	10.983	126	206386	15.444	ug/l	98
75) 1,3,5-Trimethylbenzene	11.086	105	731708	17.220	ug/l	99
76) 4-Chlorotoluene	11.092	126	214999	15.290	ug/l	100
77) tert-Butylbenzene	11.417	119	740820	17.190	ug/l	100
78) 1,2,4-Trimethylbenzene	11.465	105	753194	17.328	ug/l	100
79) sec-Butylbenzene	11.642	105	965353	17.144	ug/l	100
80) Nitrobenzene	13.201	77	47827	97.536	ug/l	99
81) p-Isopropyltoluene	11.790	119	841101	17.841	ug/l	99
82) 1,3-Dichlorobenzene	11.742	146	411029	13.907	ug/l	99
83) 1,4-Dichlorobenzene	11.832	146	411438	13.876	ug/l	98
84) n-Butylbenzene	12.205	91	747795	16.839	ug/l	100
85) 1,2-Dichlorobenzene	12.208	146	385587	13.749	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.992	75	29158	15.076	ug/l	98
87) 1,2,4-Trichlorobenzene	13.838	180	253670	12.779	ug/l	98
88) Hexachlorobutadiene	14.018	225	161738	13.524	ug/l	99
89) Naphthalene	14.082	128	454321	14.565	ug/l	100
90) 1,2,3-Trichlorobenzene	14.327	180	239321	12.957	ug/l	98

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

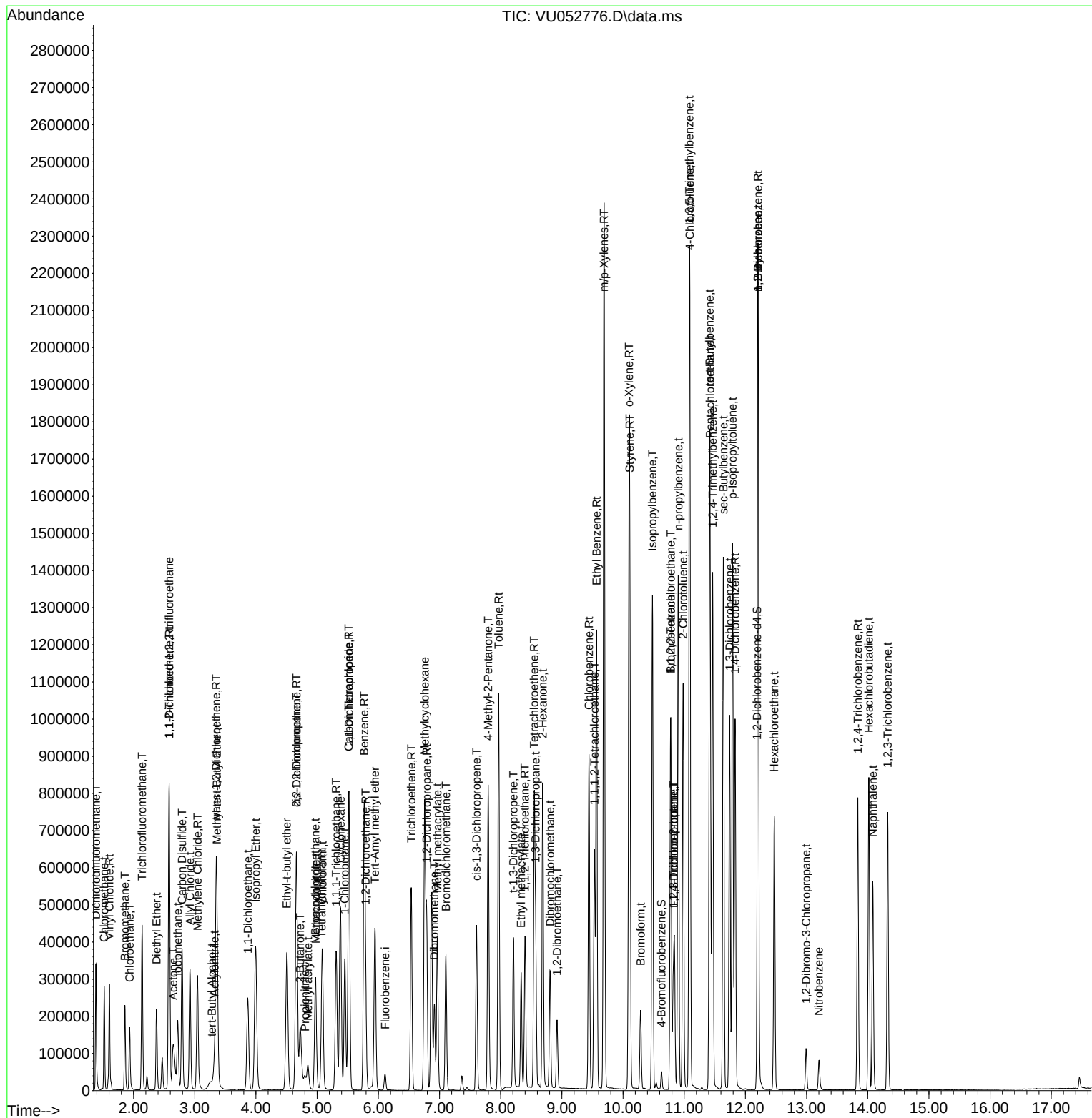
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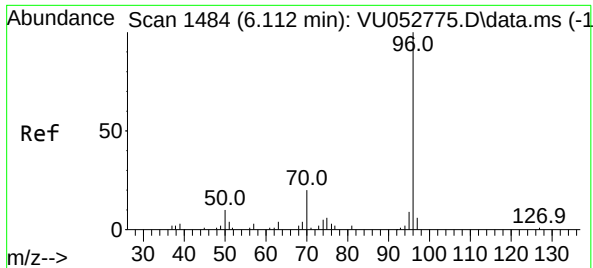
Instrument :
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 ClientSampleId :
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Manual Integrations APPROVED

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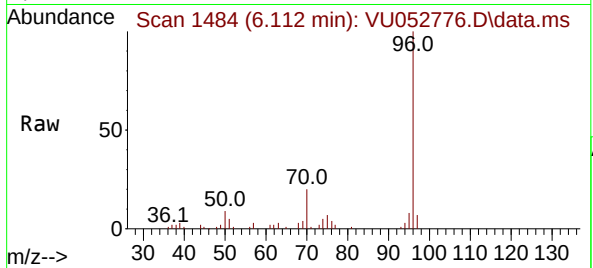
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

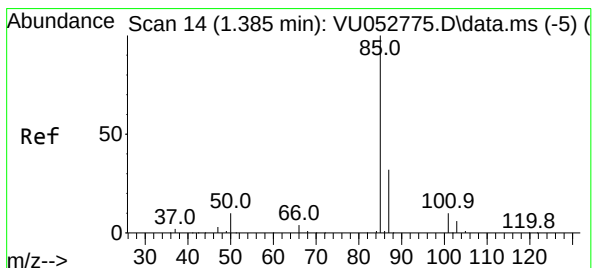
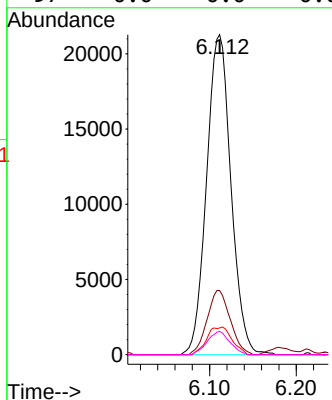
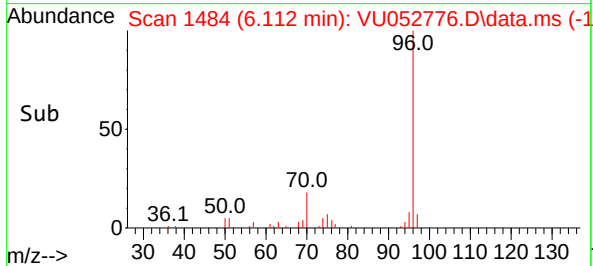
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



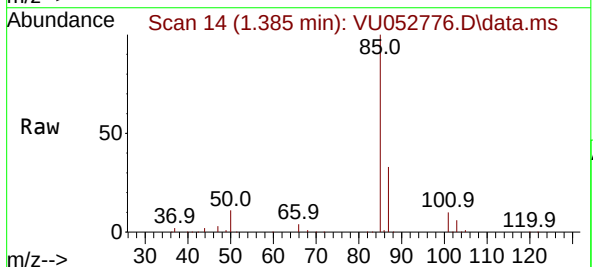
Tgt Ion: 96 Resp: 4160
Ion Ratio Lower Upper
96 100
70 19.0 16.2 24.4
95 8.9 7.4 11.0
97 0.0 0.0 0.0

Manual Integrations
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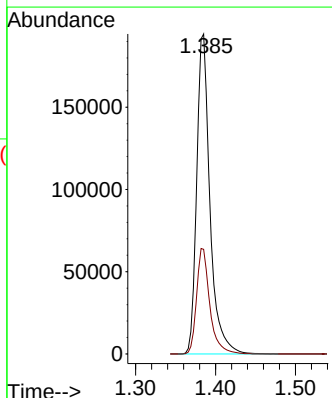
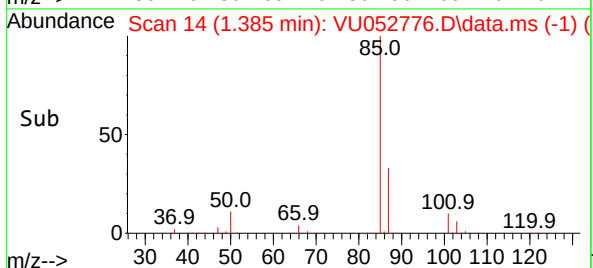
Reviewed By :Krupa Patel 01/24/2023
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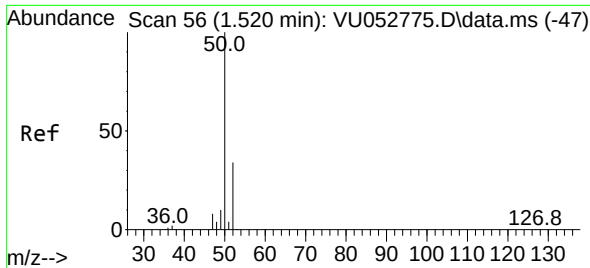


#2
Dichlorodifluoromethane
Concen: 15.190 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06



Tgt Ion: 85 Resp: 224290
Ion Ratio Lower Upper
85 100
87 32.7 16.1 48.2





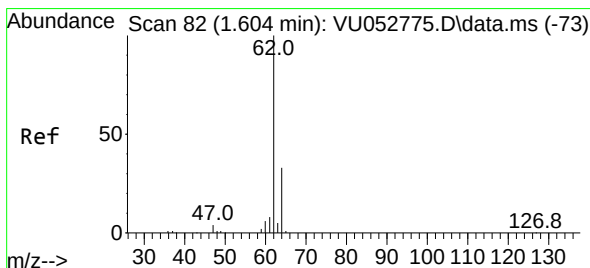
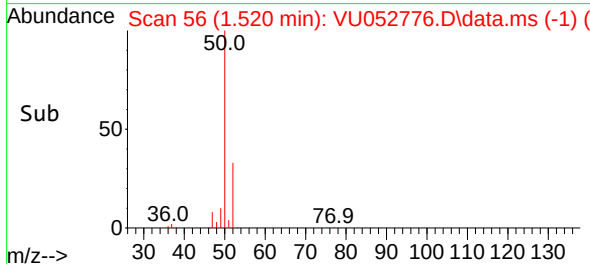
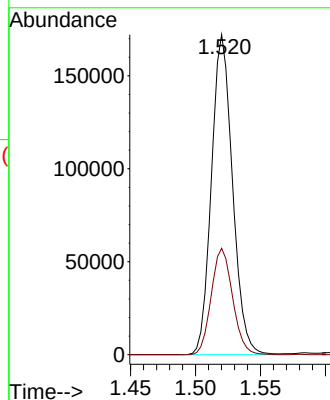
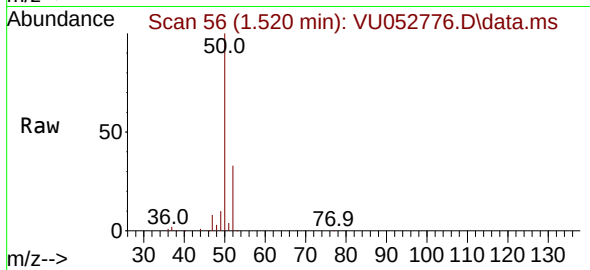
#3
Chloromethane
Concen: 12.068 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 50 Resp: 19392
Ion Ratio Lower Upper
50 100
52 33.3 26.8 40.2

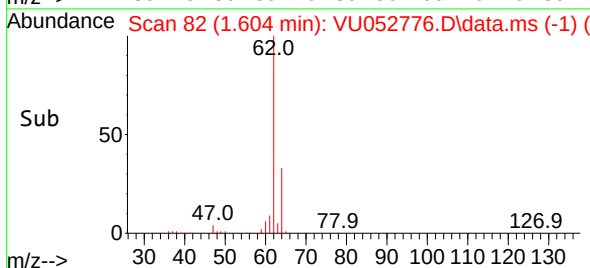
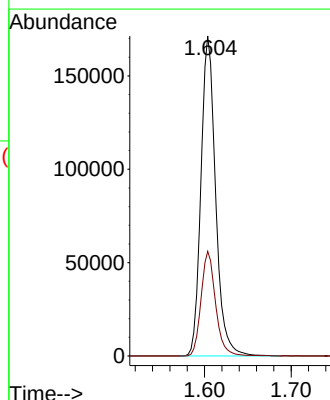
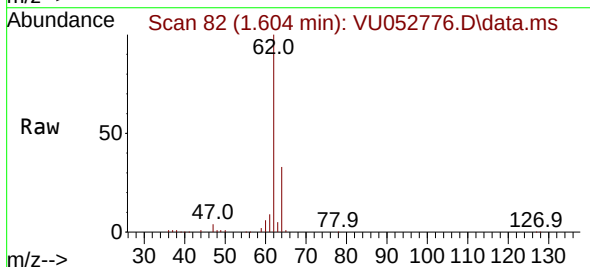
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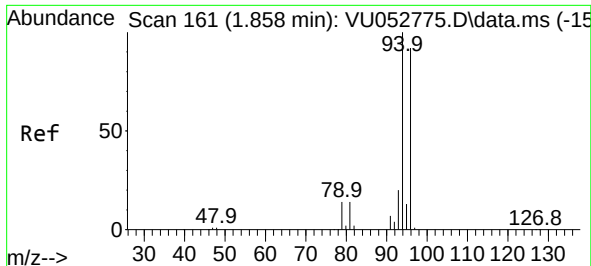
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#4
Vinyl Chloride
Concen: 13.915 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

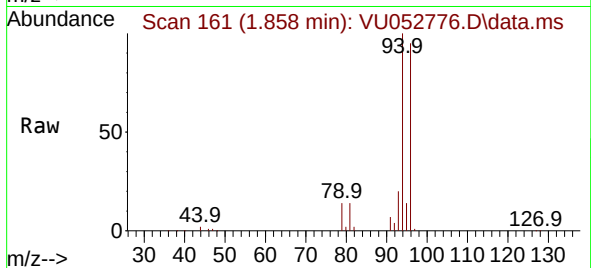
Tgt Ion: 62 Resp: 201045
Ion Ratio Lower Upper
62 100
64 32.7 26.0 39.0





#5
Bromomethane
Concen: 12.024 ug/l
RT: 1.858 min Scan# 161
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

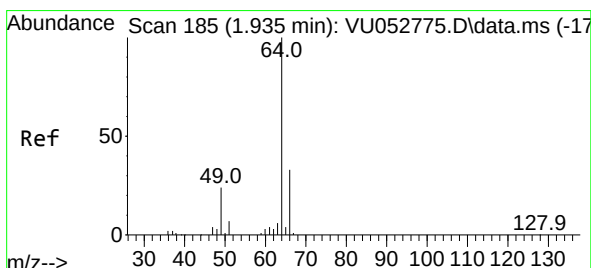
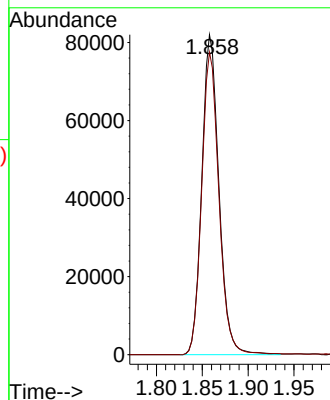
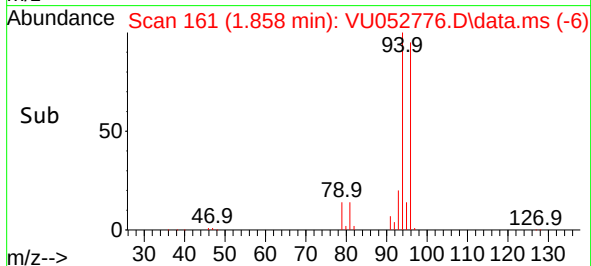
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 94 Resp: 106738
Ion Ratio Lower Upper
94 100
96 94.6 73.8 110.6

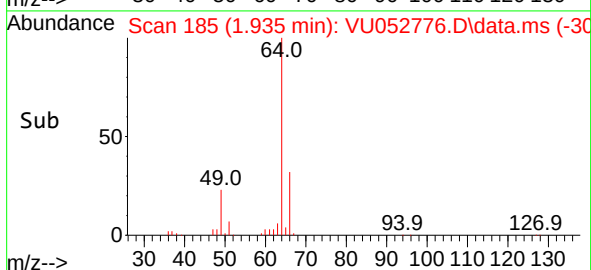
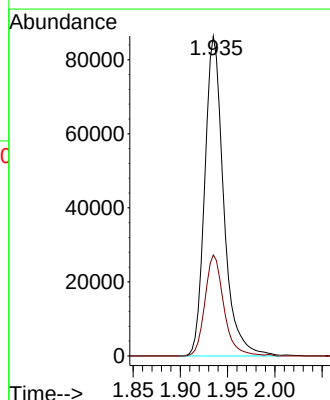
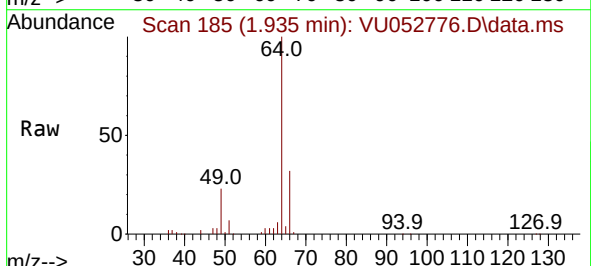
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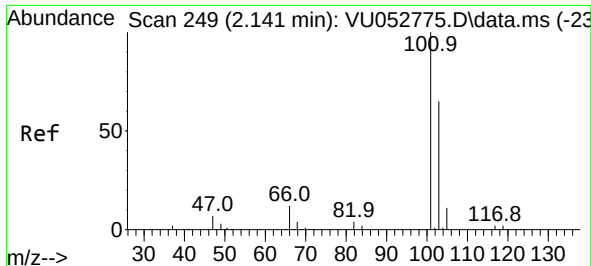
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#6
Chloroethane
Concen: 13.500 ug/l
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

Tgt Ion: 64 Resp: 119995
Ion Ratio Lower Upper
64 100
66 31.6 26.6 40.0





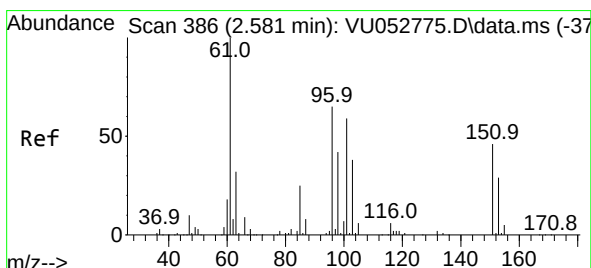
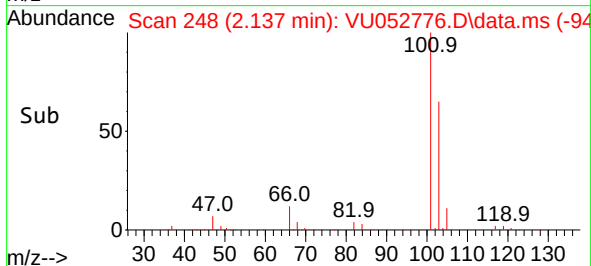
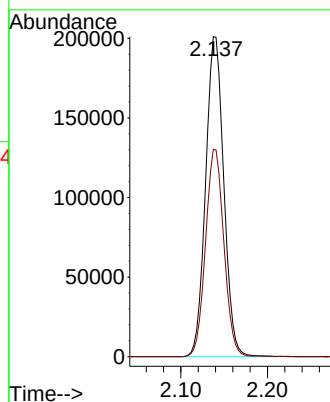
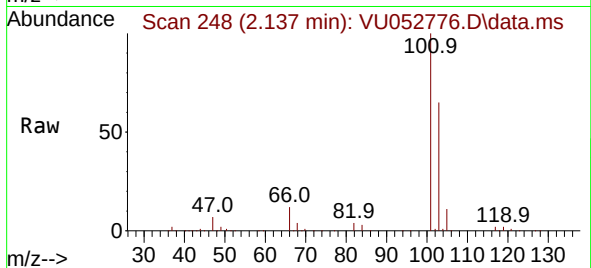
#7
Trichlorofluoromethane
Concen: 15.018 ug/l
RT: 2.137 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:101 Resp: 29322
Ion Ratio Lower Upper
101 100
103 64.8 51.6 77.4

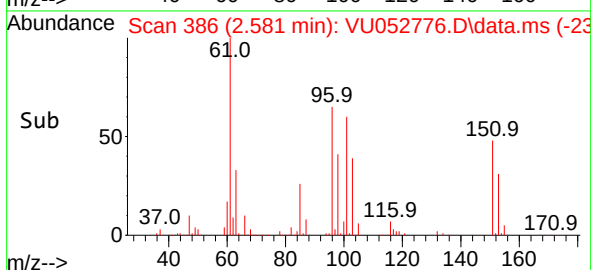
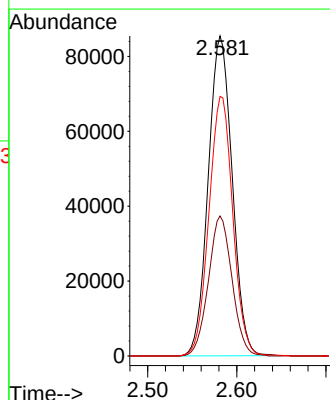
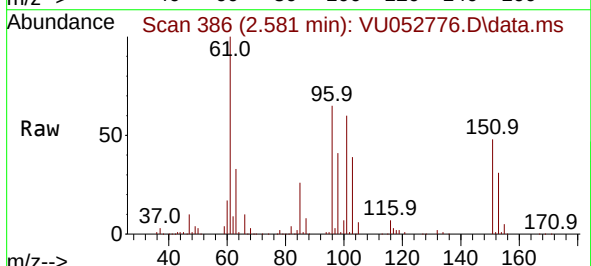
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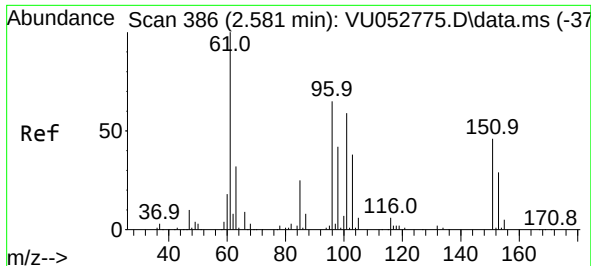
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 14.319 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

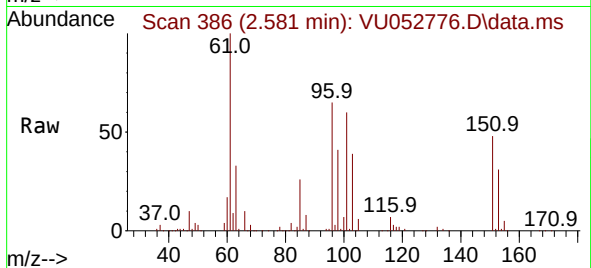
Tgt Ion:101 Resp: 159758
Ion Ratio Lower Upper
101 100
85 43.1 34.1 51.1
151 80.3 63.0 94.4





#9
1,1-Dichloroethene
Concen: 13.770 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

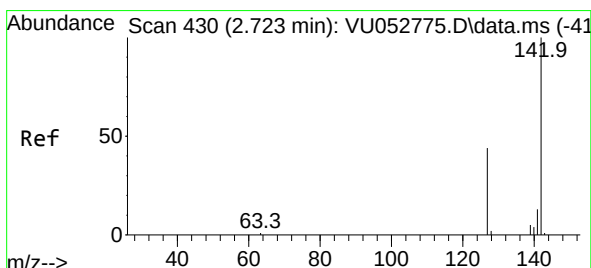
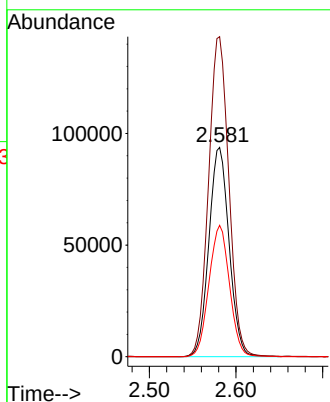
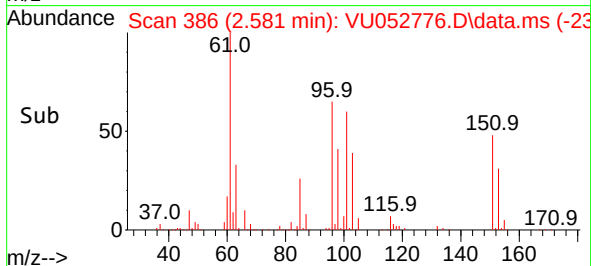
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VSTDIC015



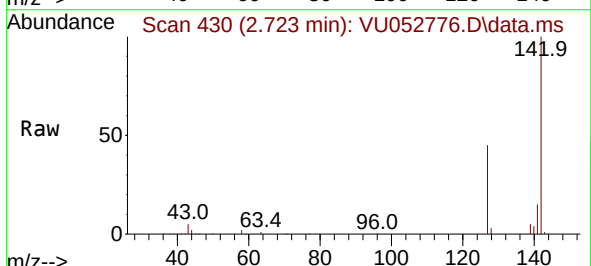
Tgt Ion: 96 Resp: 15211
Ion Ratio Lower Upper
96 100
61 152.8 0.0 460.5
98 62.8 0.0 128.0

Manual Integrations
APPROVED

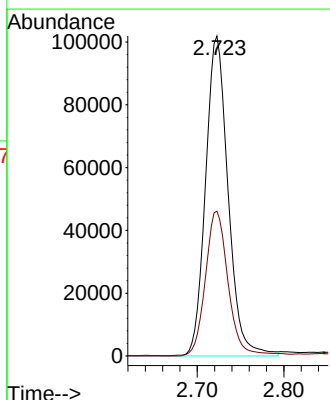
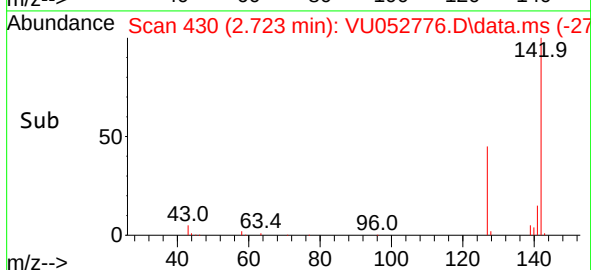
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

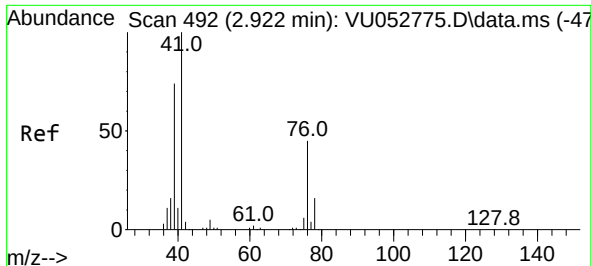


#10
Iodomethane
Concen: 21.958 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06



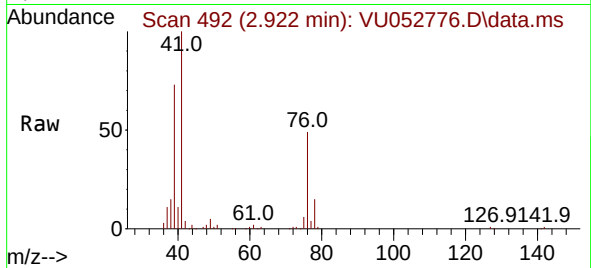
Tgt Ion:142 Resp: 183918
Ion Ratio Lower Upper
142 100
127 45.7 35.4 53.0





#11
 Allyl Chloride
 Concen: 12.511 ug/l
 RT: 2.922 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: VU052776.D
 Acq: 23 Jan 2023 14:06

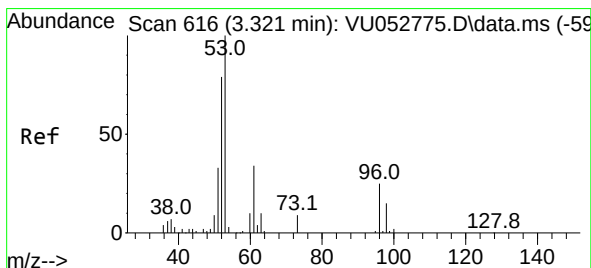
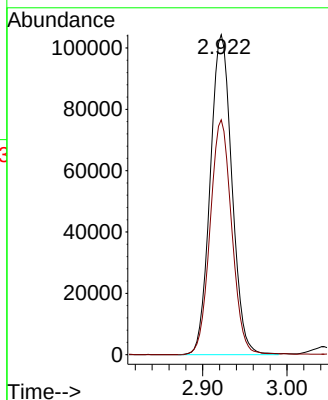
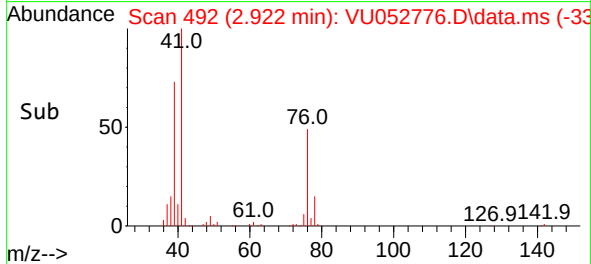
Instrument :
 MSVOA_U
 Client Sample Id :
 VSTDIC015



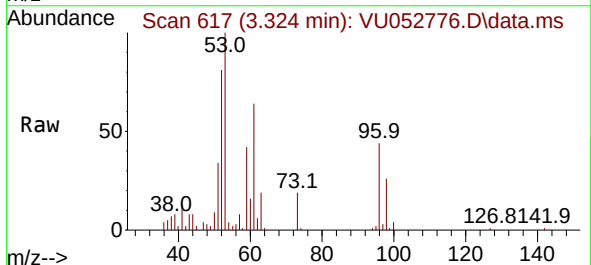
Tgt Ion: 41 Resp: 186598
 Ion Ratio Lower Upper
 41 100
 39 73.0 59.3 88.9

Manual Integrations
 APPROVED

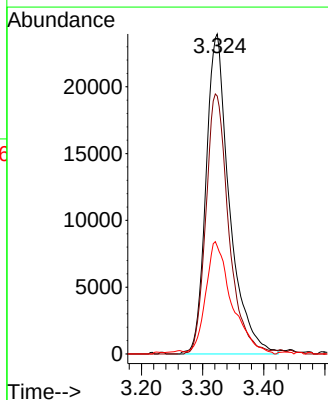
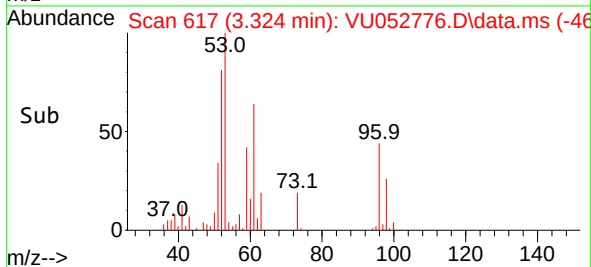
Reviewed By :Krupa Patel 01/24/2023
 Supervised By :Mahesh Dadoda 01/24/2023

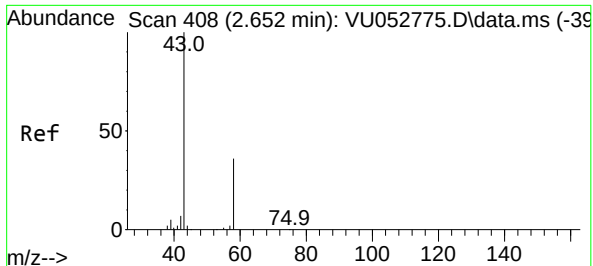


#12
 Acrylonitrile
 Concen: 23.322 ug/l
 RT: 3.324 min Scan# 617
 Delta R.T. 0.003 min
 Lab File: VU052776.D
 Acq: 23 Jan 2023 14:06



Tgt Ion: 53 Resp: 63887
 Ion Ratio Lower Upper
 53 100
 52 79.3 63.0 94.4
 51 38.9 31.3 46.9





#13

Acetone

Concen: 107.233 ug/l

RT: 2.649 min Scan# 407

Delta R.T. -0.003 min

Lab File: VU052776.D

Acq: 23 Jan 2023 14:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 43 Resp: 253114

Ion Ratio Lower Upper

43 100

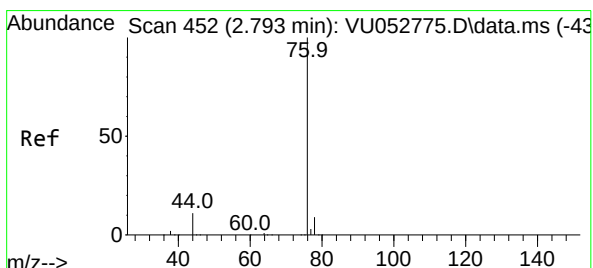
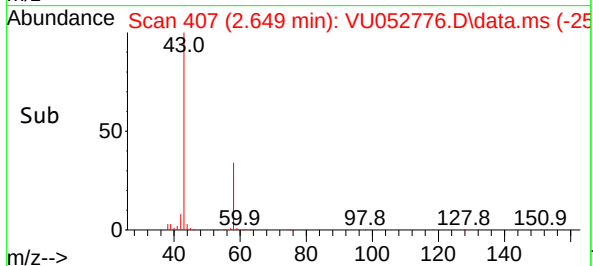
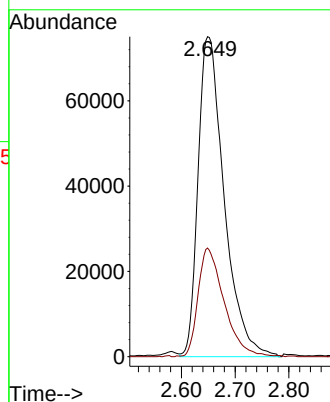
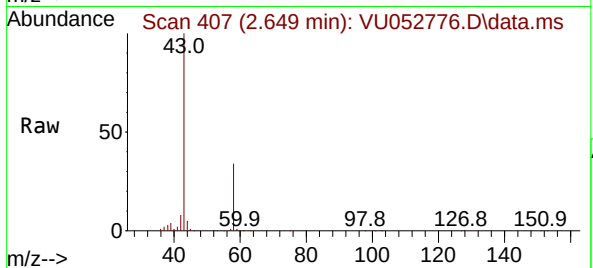
58 33.7 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#14

Carbon Disulfide

Concen: 14.230 ug/l

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU052776.D

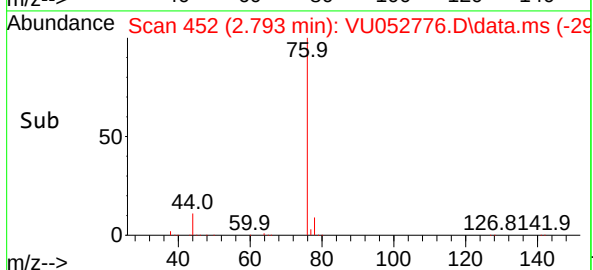
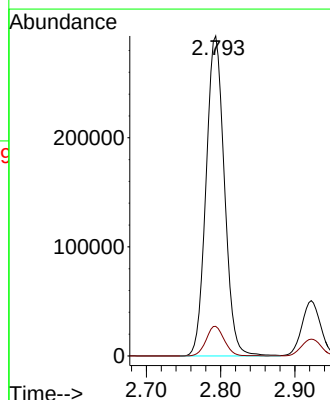
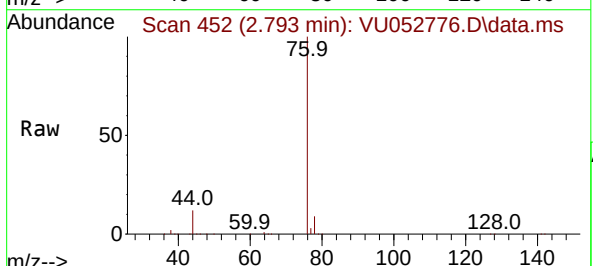
Acq: 23 Jan 2023 14:06

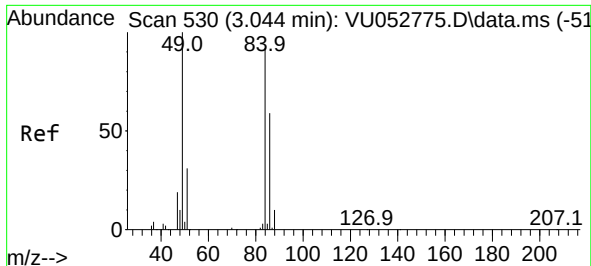
Tgt Ion: 76 Resp: 501952

Ion Ratio Lower Upper

76 100

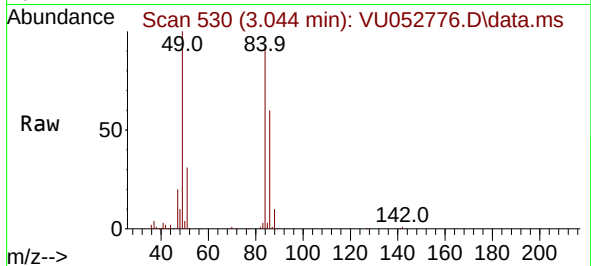
78 9.3 7.1 10.7





#15
Methylene Chloride
Concen: 9.138 ug/l
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

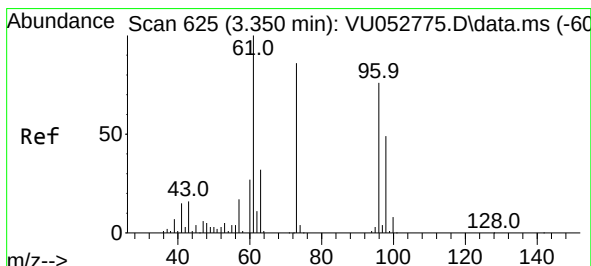
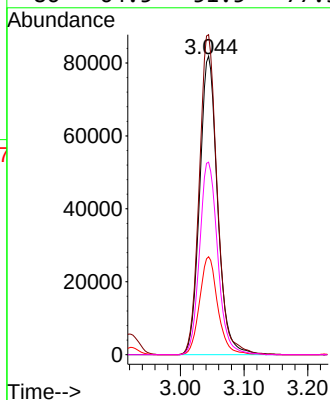
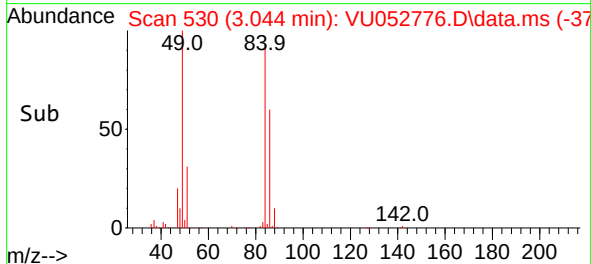
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 84 Resp: 160078
Ion Ratio Lower Upper
84 100
49 107.2 86.7 130.1
51 32.8 0.0 66.8
86 64.5 51.5 77.3

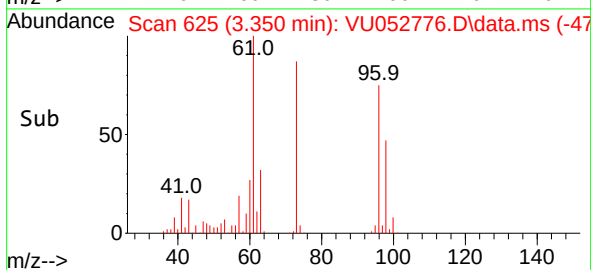
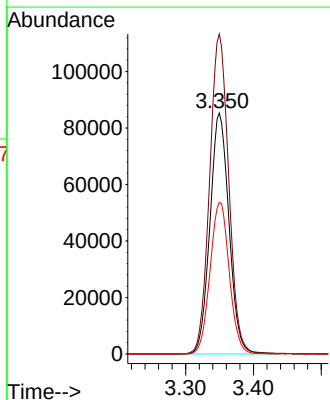
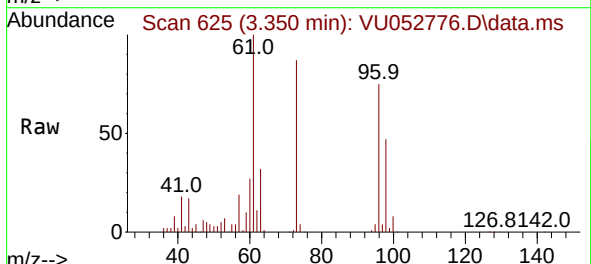
Manual Integrations
APPROVED

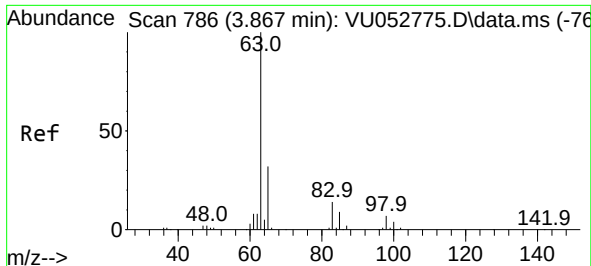
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#16
trans-1,2-Dichloroethene
Concen: 13.706 ug/l
RT: 3.350 min Scan# 625
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

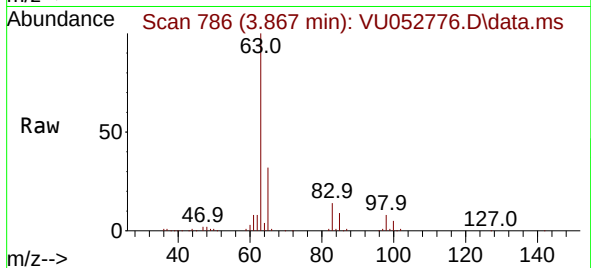
Tgt Ion: 96 Resp: 166441
Ion Ratio Lower Upper
96 100
61 132.8 105.7 158.5
98 62.9 51.4 77.2





#17
1,1-Dichloroethane
Concen: 14.101 ug/l
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

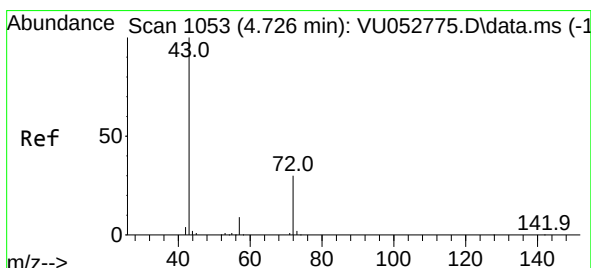
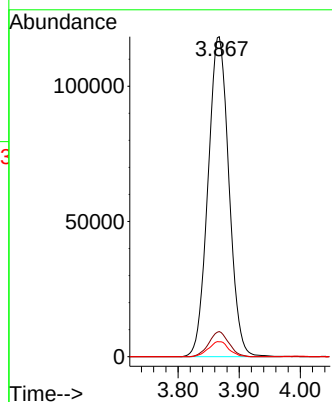
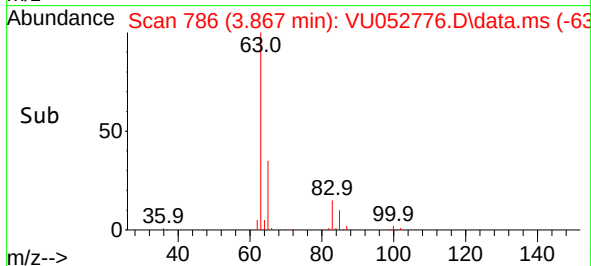
Instrument :
MSVOA_U
Client Sample Id :
VSTDIC015



Tgt Ion: 63 Resp: 28155
Ion Ratio Lower Upper
63 100
98 7.9 3.8 11.2
100 4.7 2.2 6.6

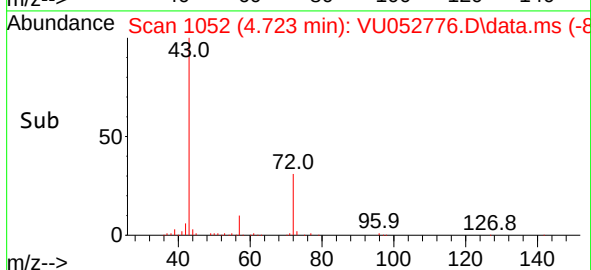
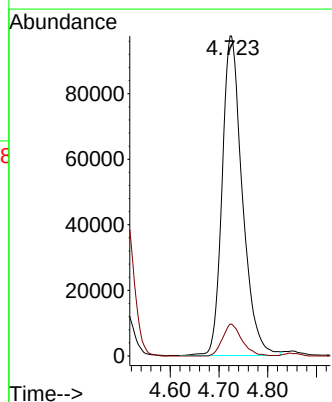
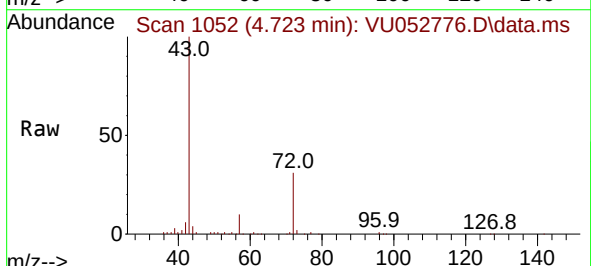
Manual Integrations
APPROVED

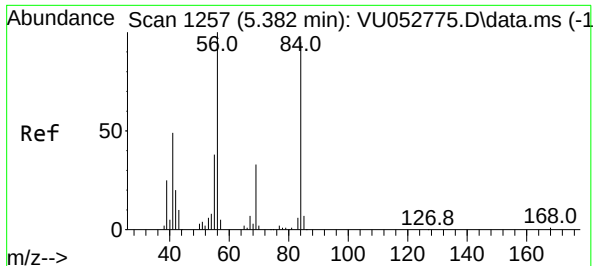
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#18
2-Butanone
Concen: 92.344 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. -0.003 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

Tgt Ion: 43 Resp: 280994
Ion Ratio Lower Upper
43 100
57 10.0 0.0 17.4





#19

Cyclohexane

Concen: 16.513 ug/l m

RT: 5.382 min Scan# 1257

Delta R.T. -0.000 min

Lab File: VU052776.D

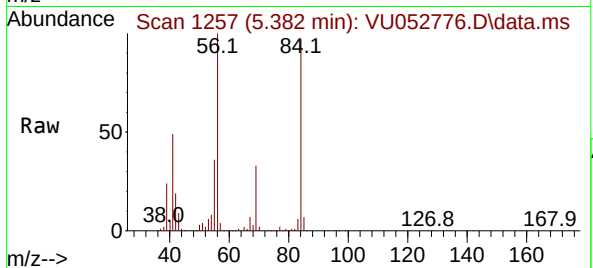
Acq: 23 Jan 2023 14:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015



Tgt Ion: 56 Resp: 252184

Ion Ratio Lower Upper

56 100

69 32.7 26.8 40.2

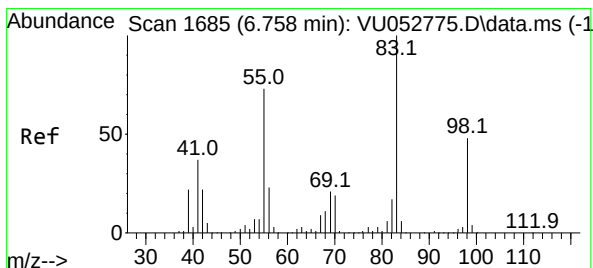
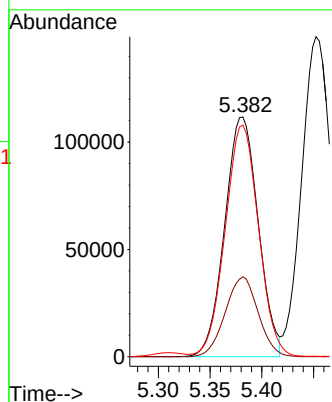
84 94.4 77.0 115.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#20

Methylcyclohexane

Concen: 18.181 ug/l

RT: 6.758 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VU052776.D

Acq: 23 Jan 2023 14:06

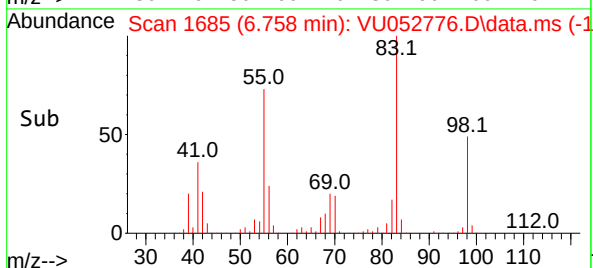
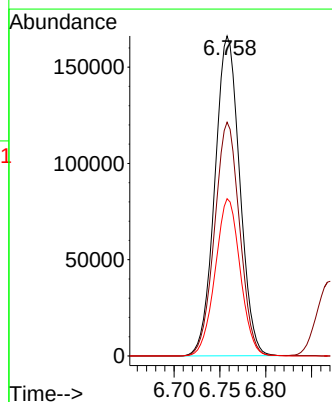
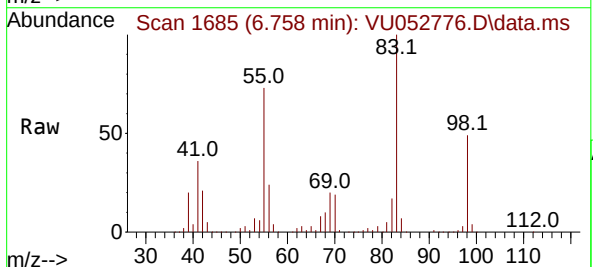
Tgt Ion: 83 Resp: 313722

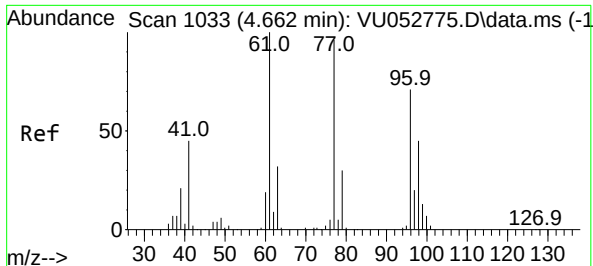
Ion Ratio Lower Upper

83 100

55 73.5 58.7 88.1

98 49.5 39.4 59.2





#21

2,2-Dichloropropane

Concen: 15.761 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VU052776.D

Acq: 23 Jan 2023 14:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 77 Resp: 261378

Ion Ratio Lower Upper

77 100

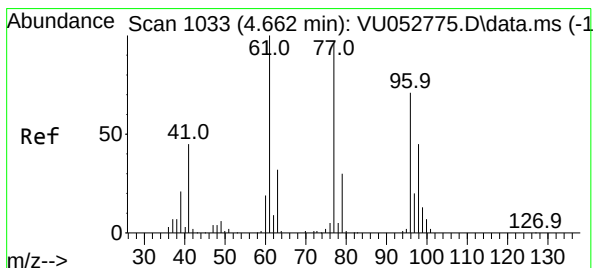
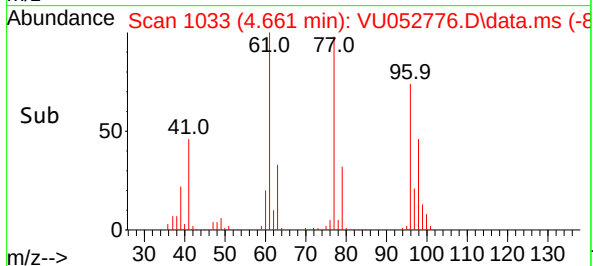
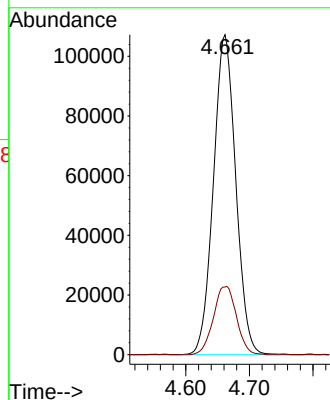
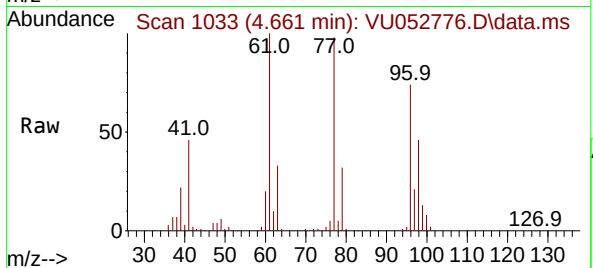
97 22.0 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#22

cis-1,2-Dichloroethene

Concen: 14.155 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VU052776.D

Acq: 23 Jan 2023 14:06

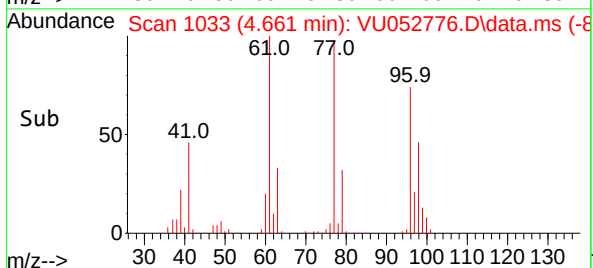
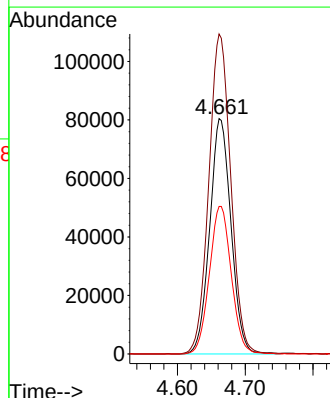
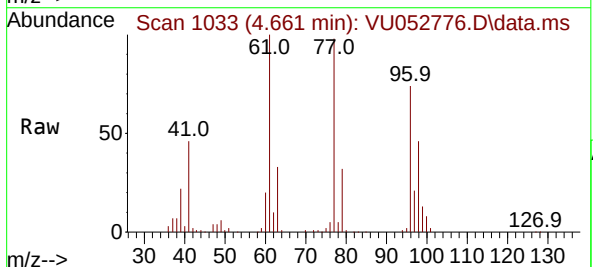
Tgt Ion: 96 Resp: 175782

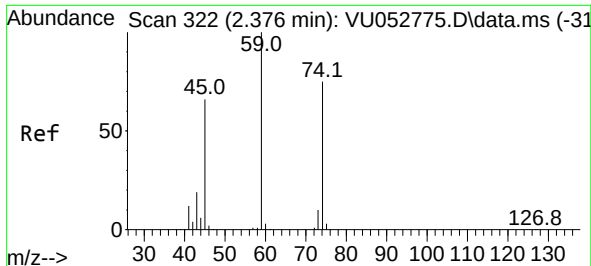
Ion Ratio Lower Upper

96 100

61 140.0 0.0 353.3

98 64.3 32.6 97.7





#23

Diethyl Ether

Concen: 13.266 ug/l

RT: 2.375 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU052776.D

Acq: 23 Jan 2023 14:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 59 Resp: 108820

Ion Ratio Lower Upper

59 100

45 65.3 52.1 78.1

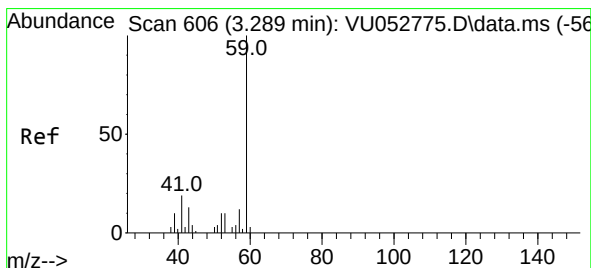
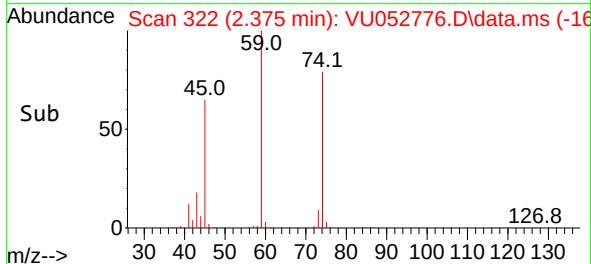
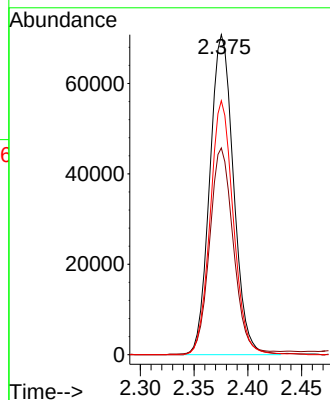
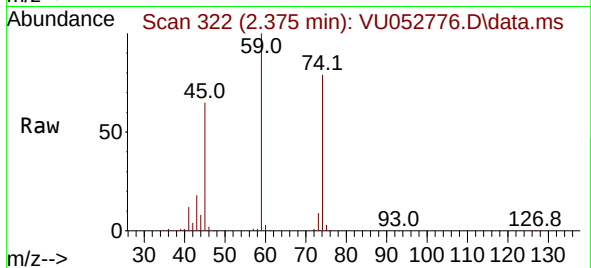
74 77.6 61.6 92.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#24

tert-Butyl Alcohol

Concen: 136.723 ug/l m

RT: 3.279 min Scan# 603

Delta R.T. -0.010 min

Lab File: VU052776.D

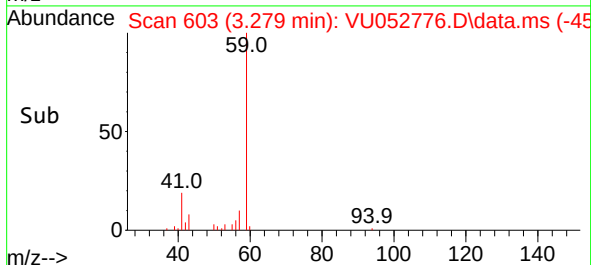
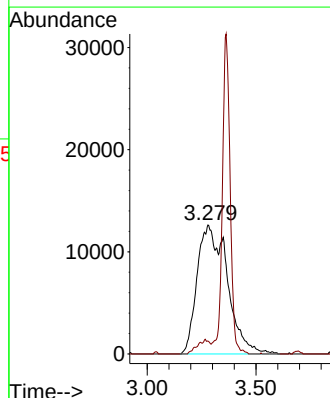
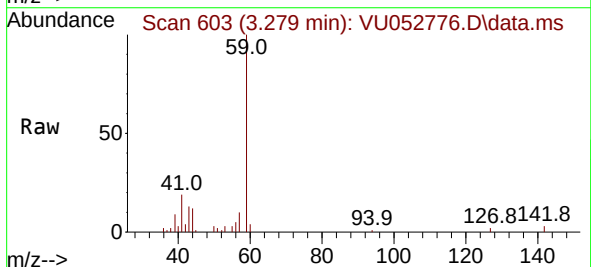
Acq: 23 Jan 2023 14:06

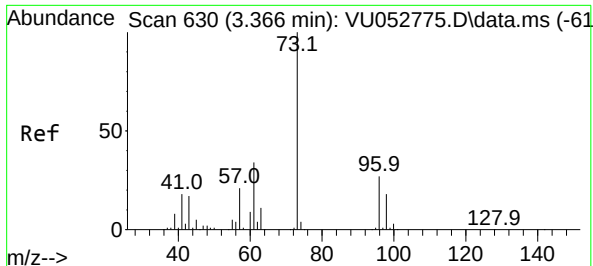
Tgt Ion: 59 Resp: 121904

Ion Ratio Lower Upper

59 100

57 2.2 45.8 68.8#





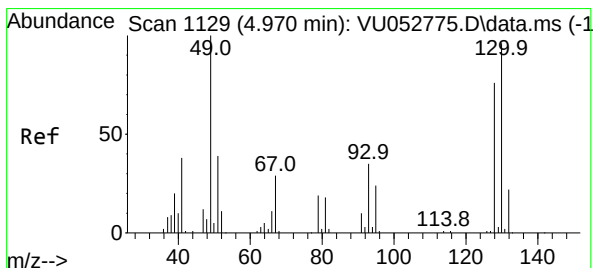
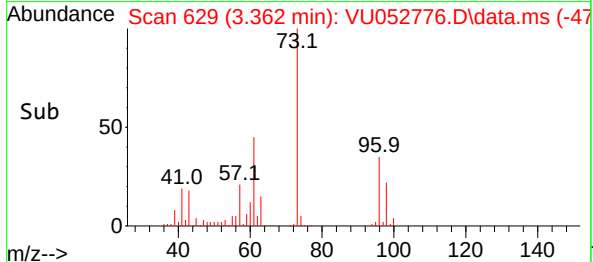
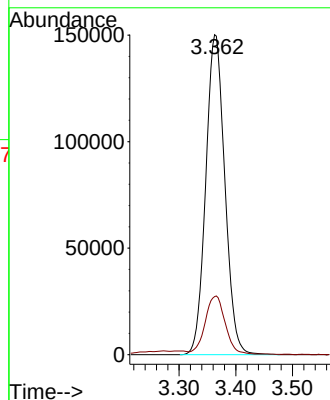
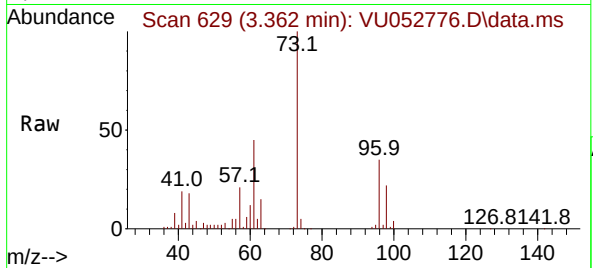
#25
Methyl tert-Butyl Ether
Concen: 12.935 ug/l
RT: 3.362 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 73 Resp: 351580
Ion Ratio Lower Upper
73 100
43 19.0 15.3 22.9

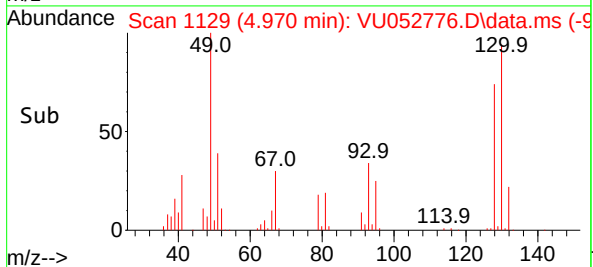
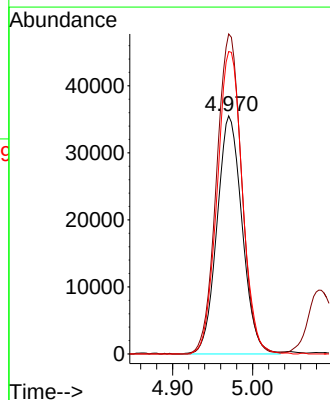
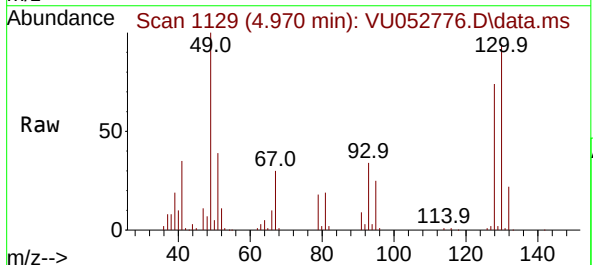
Manual Integrations
APPROVED

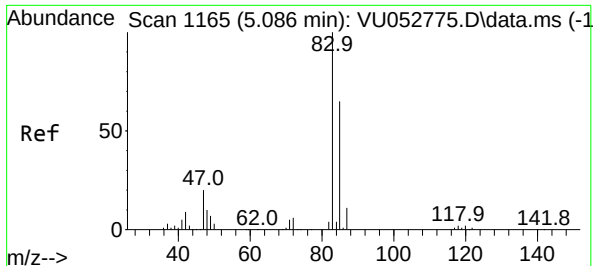
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#26
Bromochloromethane
Concen: 12.627 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

Tgt Ion:128 Resp: 77436
Ion Ratio Lower Upper
128 100
49 133.9 0.0 265.0
130 127.2 100.7 151.1





#27

Chloroform

Concen: 14.070 ug/l

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU052776.D

Acq: 23 Jan 2023 14:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 83 Resp: 298350

Ion Ratio Lower Upper

83 100

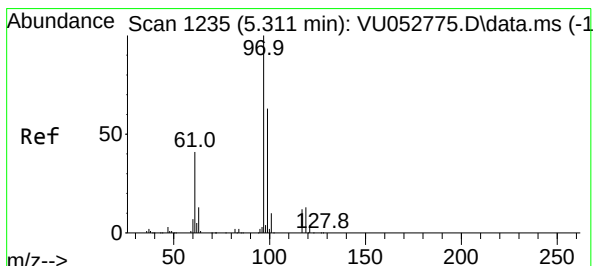
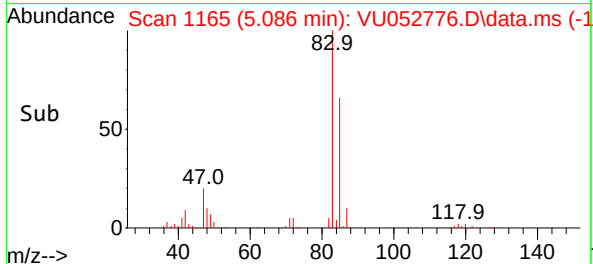
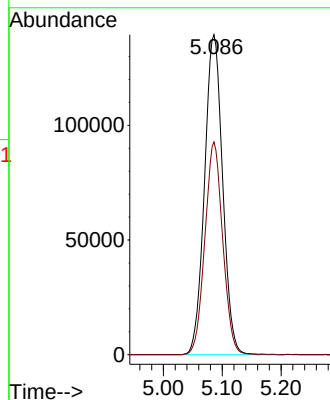
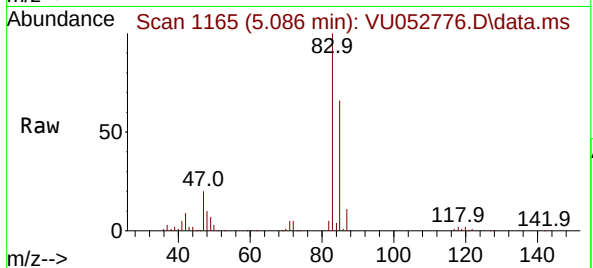
85 66.5 0.0 130.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#28

1,1,1-Trichloroethane

Concen: 15.509 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. -0.000 min

Lab File: VU052776.D

Acq: 23 Jan 2023 14:06

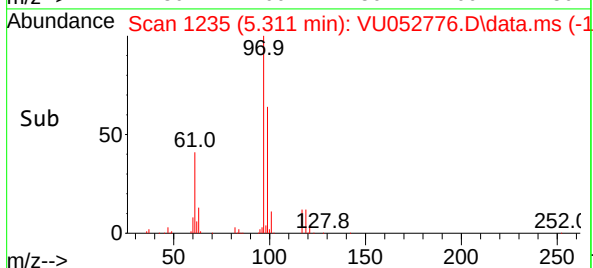
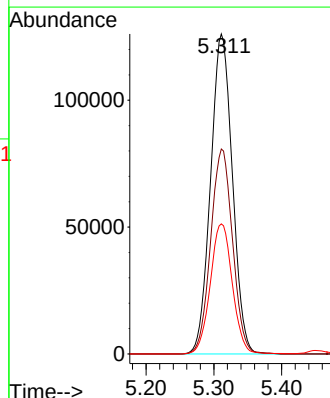
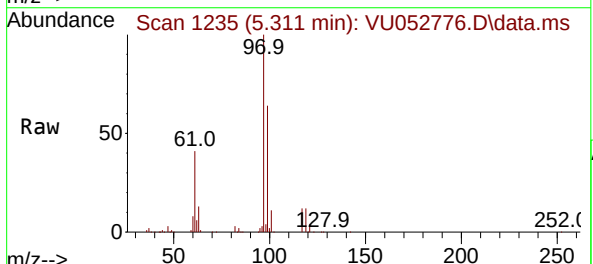
Tgt Ion: 97 Resp: 282076

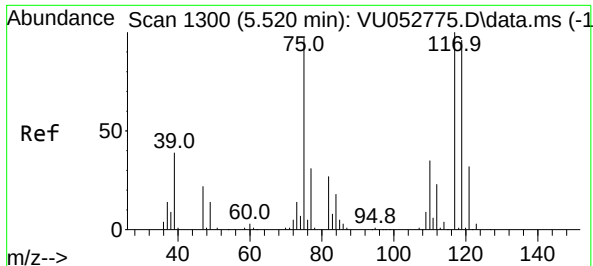
Ion Ratio Lower Upper

97 100

99 64.4 31.9 95.5

61 41.2 20.8 62.2





#29

1,1-Dichloropropene

Concen: 15.679 ug/l

RT: 5.520 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU052776.D

Acq: 23 Jan 2023 14:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 75 Resp: 23987

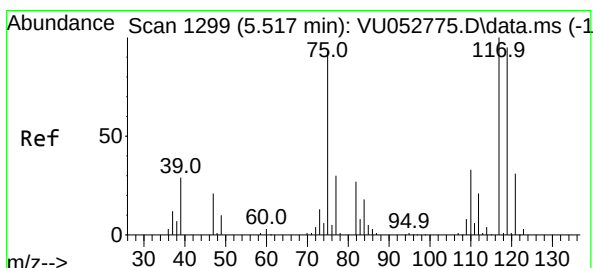
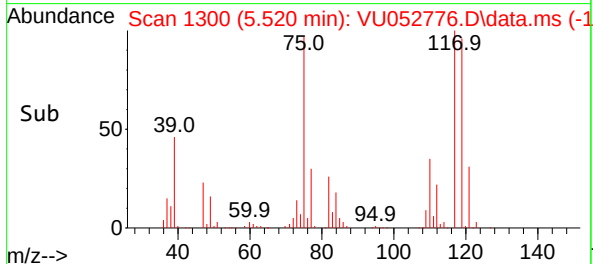
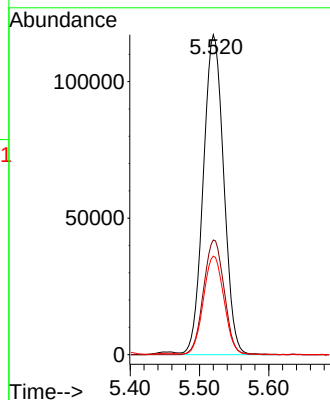
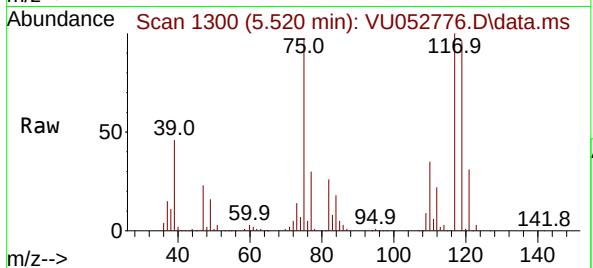
Ion	Ratio	Lower	Upper
75	100		
110	36.2	17.4	52.2
77	30.8	24.8	37.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#30

Carbon Tetrachloride

Concen: 16.501 ug/l

RT: 5.517 min Scan# 1299

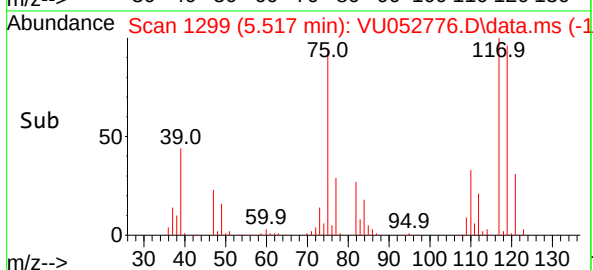
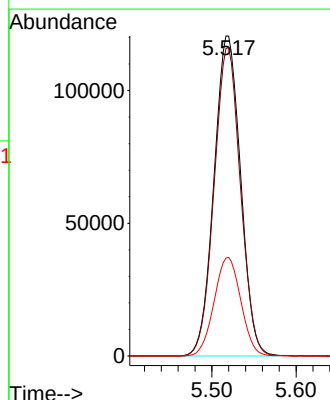
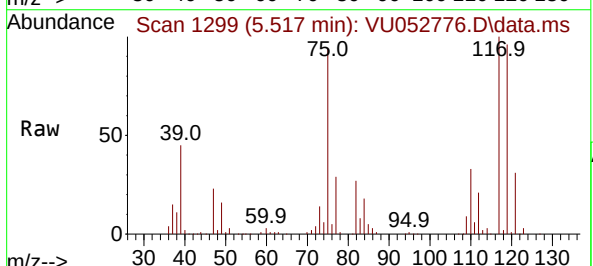
Delta R.T. -0.000 min

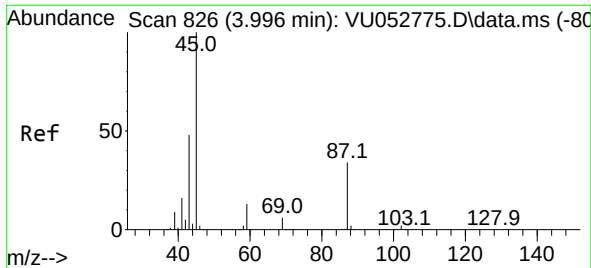
Lab File: VU052776.D

Acq: 23 Jan 2023 14:06

Tgt Ion:117 Resp: 263799

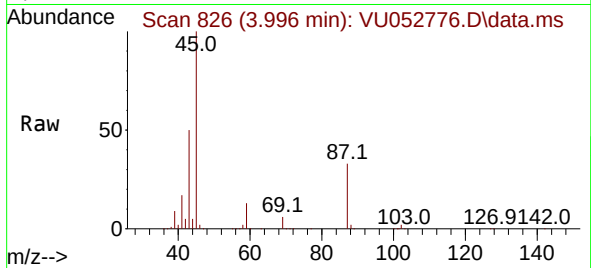
Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.4	114.6
121	30.6	25.0	37.6





#31
Isopropyl Ether
Concen: 14.672 ug/l
RT: 3.996 min Scan# 826
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

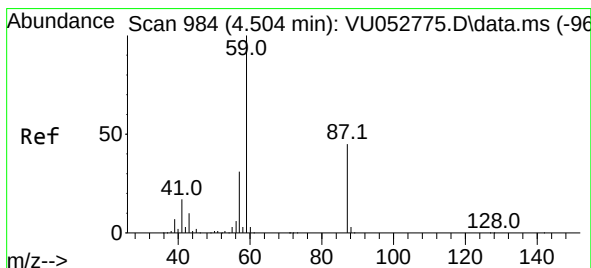
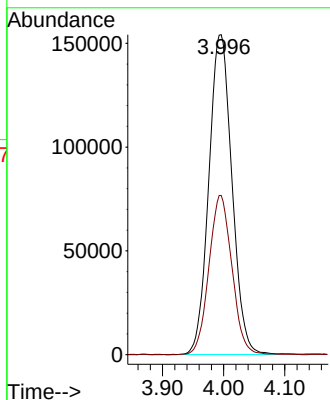
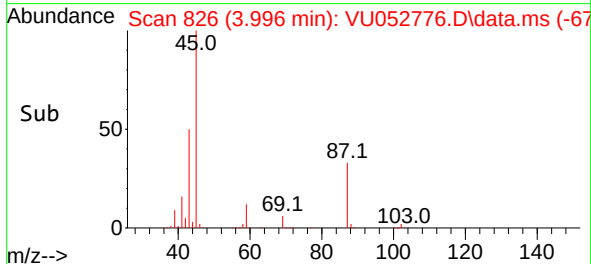
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



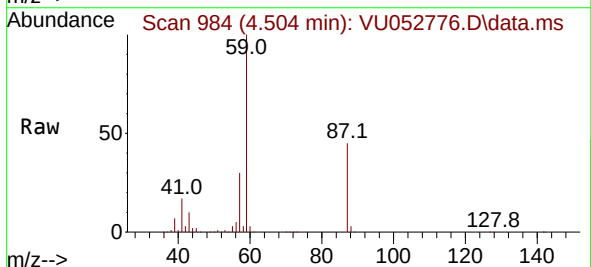
Tgt Ion: 45 Resp: 404960
Ion Ratio Lower Upper
45 100
43 49.6 24.5 73.5

Manual Integrations
APPROVED

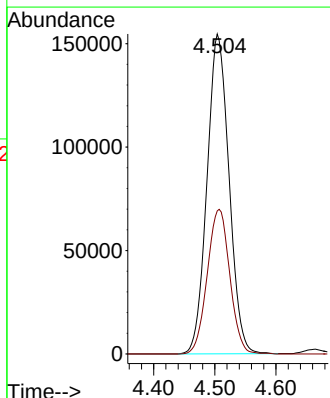
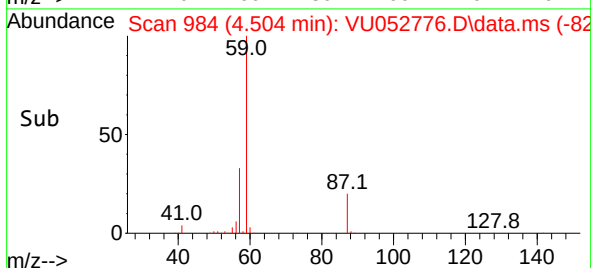
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

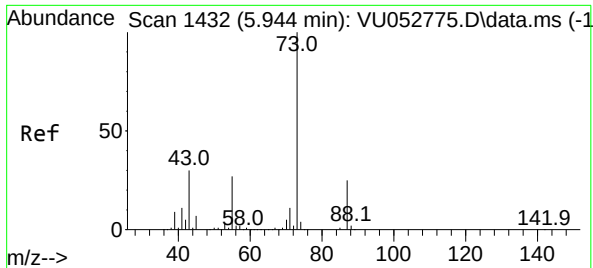


#32
Ethyl-t-butyl ether
Concen: 14.495 ug/l
RT: 4.504 min Scan# 984
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06



Tgt Ion: 59 Resp: 386663
Ion Ratio Lower Upper
59 100
87 45.9 36.2 54.2





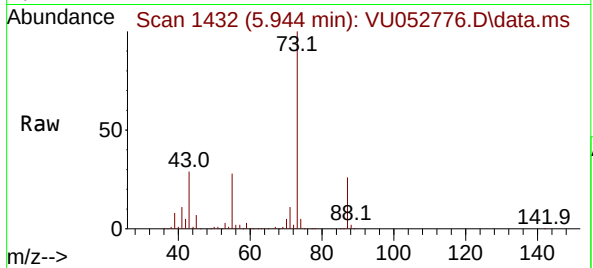
#33
Tert-Amyl methyl ether
Concen: 14.999 ug/l
RT: 5.944 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015



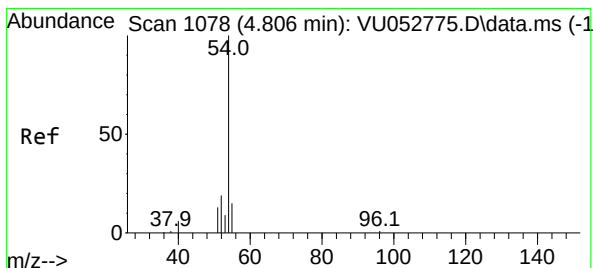
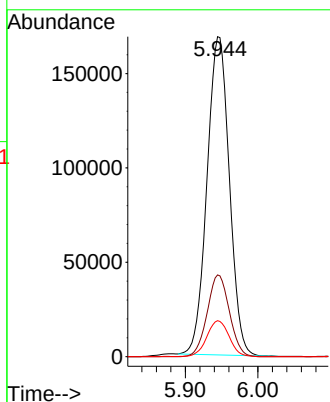
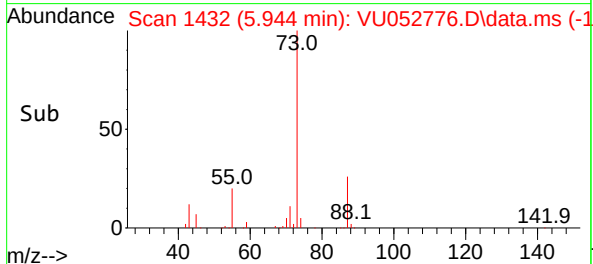
Tgt Ion: 73 Resp: 360272
Ion Ratio Lower Upper
73 100
87 25.5 20.1 30.1
71 11.3 9.2 13.8

Manual Integrations

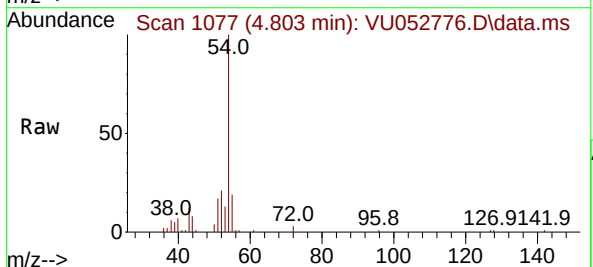
APPROVED

Reviewed By :Krupa Patel 01/24/2023

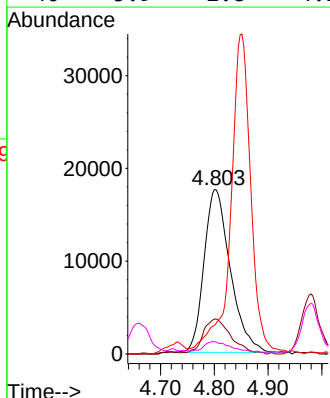
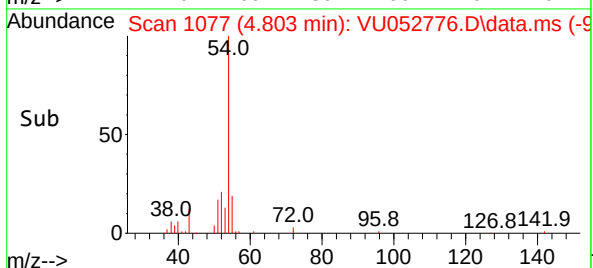
Supervised By :Mahesh Dadoda 01/24/2023

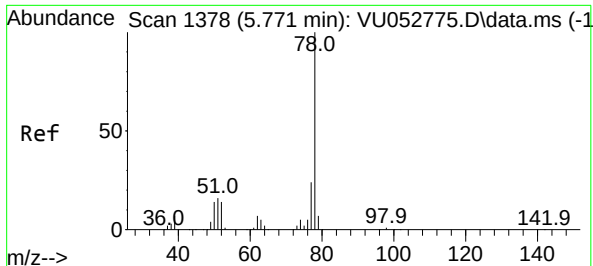


#34
Propionitrile
Concen: 63.441 ug/l
RT: 4.803 min Scan# 1077
Delta R.T. -0.003 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06



Tgt Ion: 54 Resp: 59431
Ion Ratio Lower Upper
54 100
52 22.9 16.9 25.3
55 149.3 118.6 178.0
40 5.9 2.8 4.2#





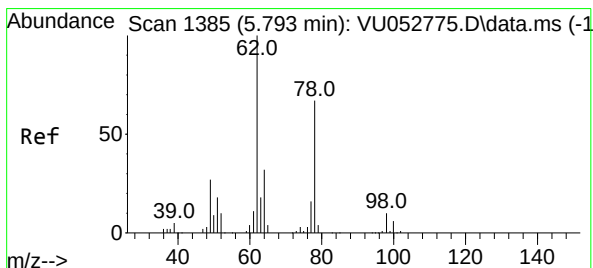
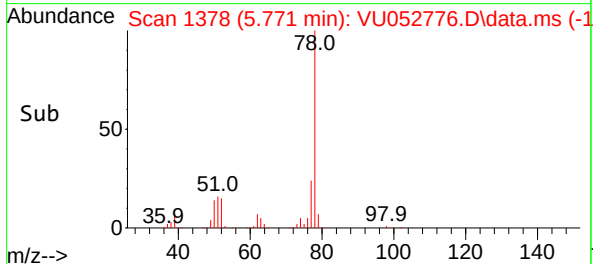
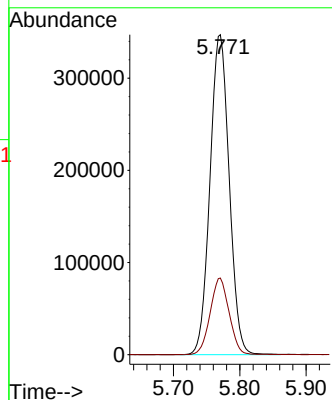
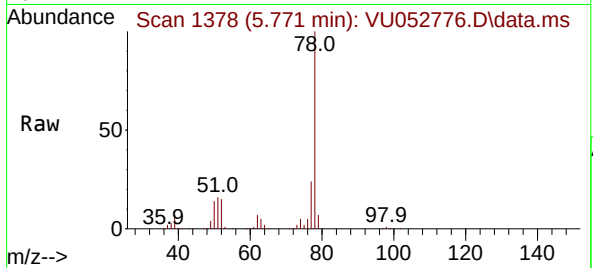
#35
Benzene
Concen: 15.261 ug/l
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 78 Resp: 69815
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4

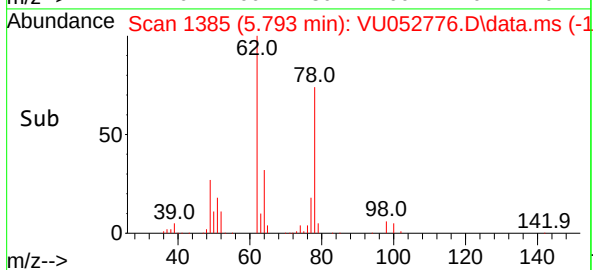
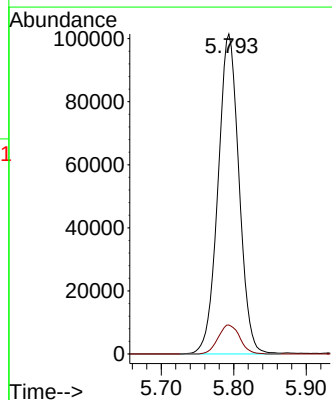
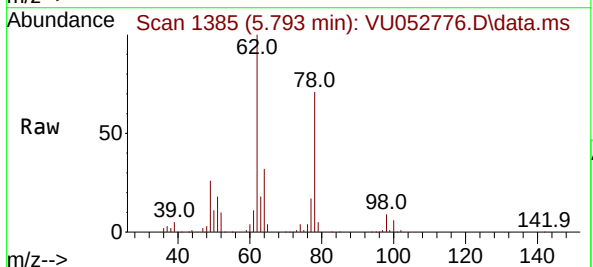
Manual Integrations
APPROVED

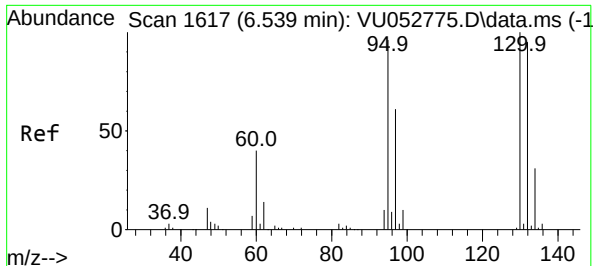
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#36
1,2-Dichloroethane
Concen: 15.125 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

Tgt Ion: 62 Resp: 204170
Ion Ratio Lower Upper
62 100
98 9.3 7.5 11.3





#37

Trichloroethene

Concen: 14.514 ug/l

RT: 6.539 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VU052776.D

Acq: 23 Jan 2023 14:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion:130 Resp: 19124

Ion Ratio Lower Upper

130 100

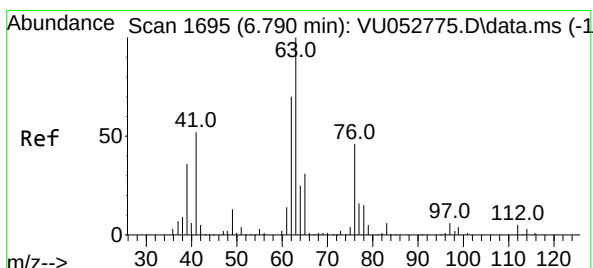
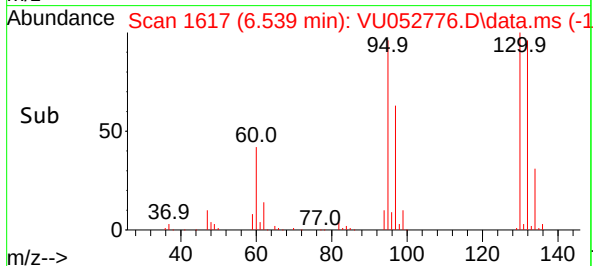
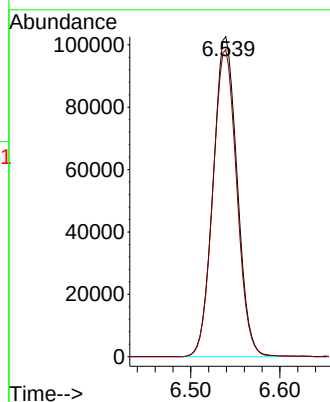
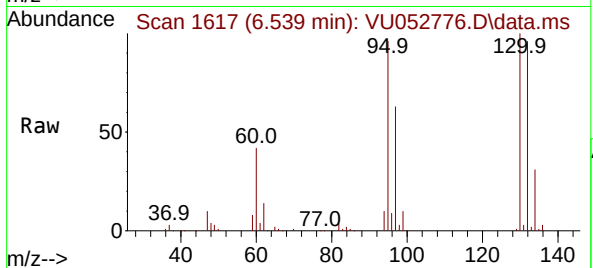
95 95.9 76.6 114.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#38

1,2-Dichloropropane

Concen: 15.281 ug/l

RT: 6.790 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VU052776.D

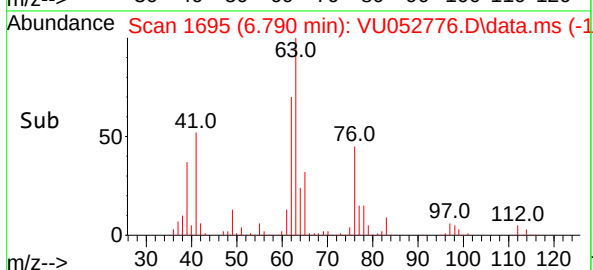
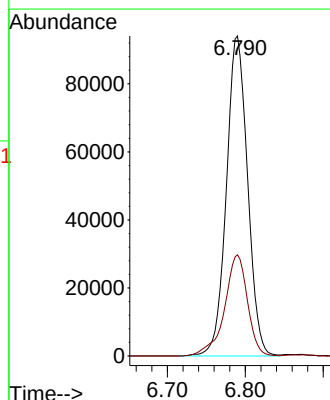
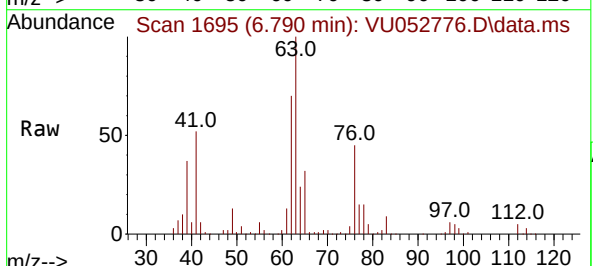
Acq: 23 Jan 2023 14:06

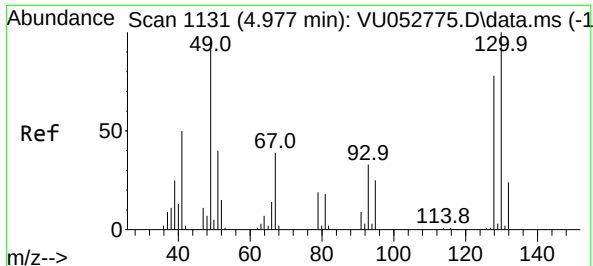
Tgt Ion: 63 Resp: 177745

Ion Ratio Lower Upper

63 100

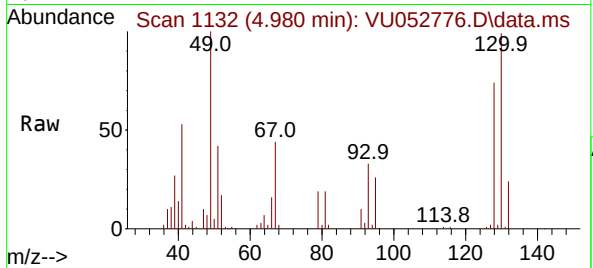
65 31.6 24.6 36.8





#39
Methacrylonitrile
Concen: 13.932 ug/l
RT: 4.980 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

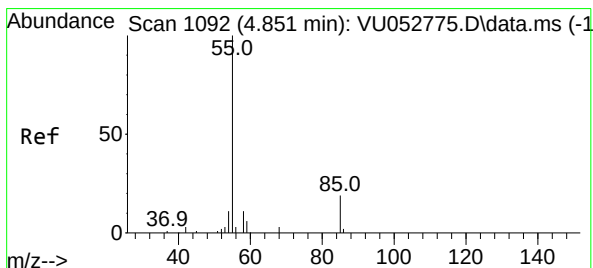
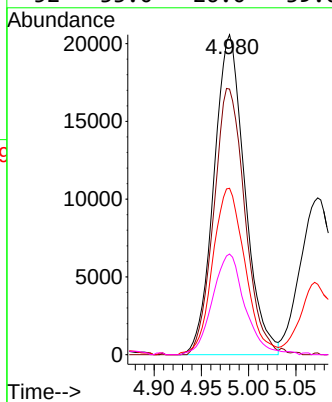
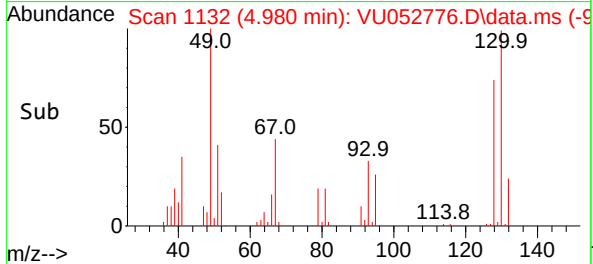
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



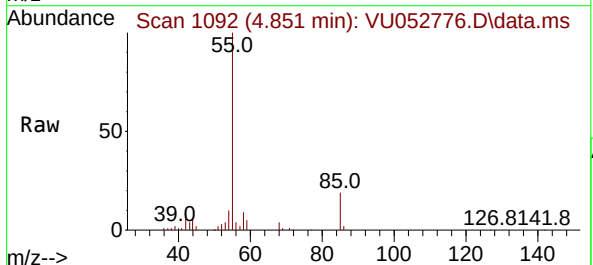
Tgt Ion: 41 Resp: 4681
Ion Ratio Lower Upper
41 100
67 83.9 64.9 97.3
39 54.4 41.7 62.5
52 33.0 26.0 39.0

Manual Integrations
APPROVED

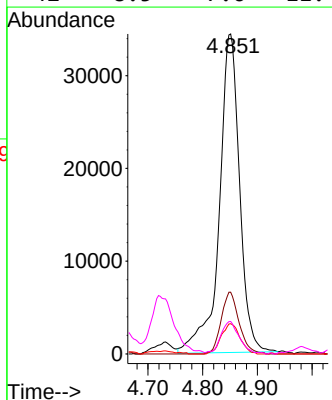
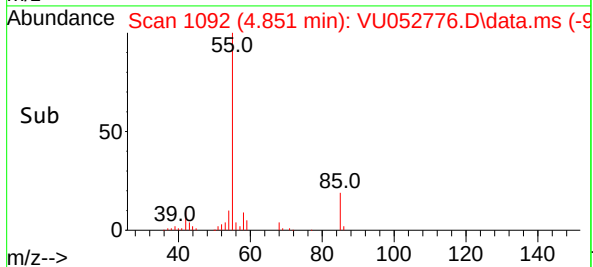
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

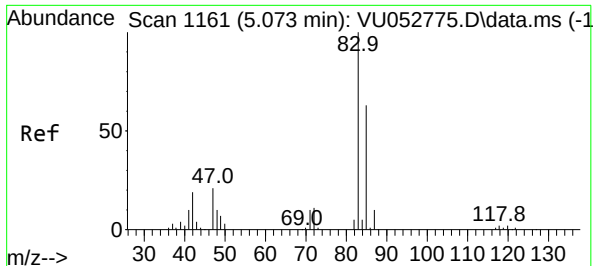


#40
Methyl acrylate
Concen: 15.897 ug/l
RT: 4.851 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06



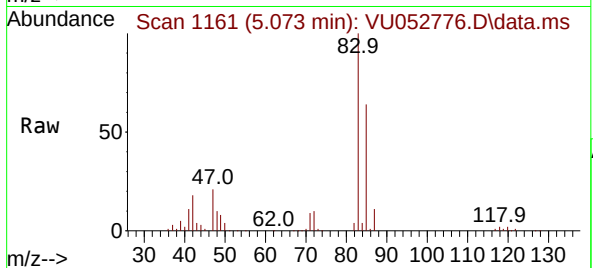
Tgt Ion: 55 Resp: 88716
Ion Ratio Lower Upper
55 100
85 17.1 14.4 21.6
58 8.8 7.3 10.9
42 8.5 7.6 11.4





#41
Tetrahydrofuran
Concen: 24.347 ug/l
RT: 5.073 min Scan# 1161
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

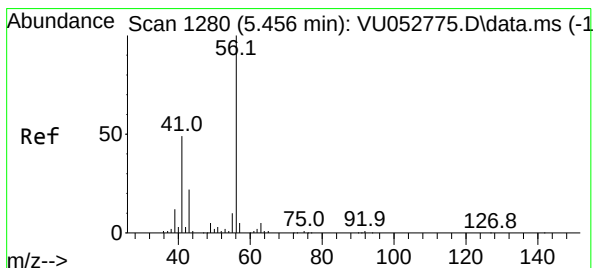
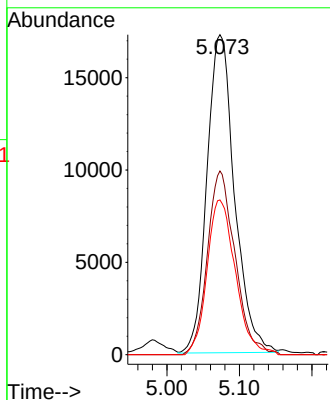
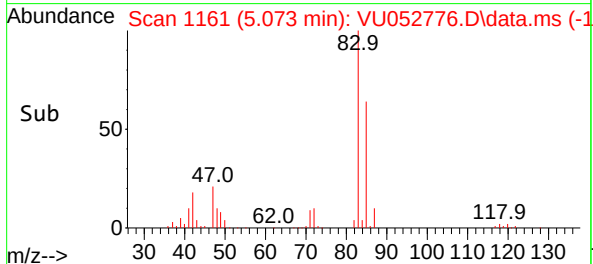
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



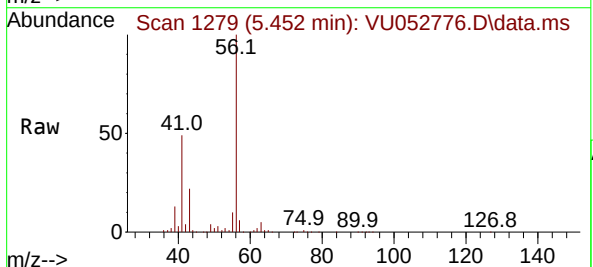
Tgt Ion: 42 Resp: 45594
Ion Ratio Lower Upper
42 100
72 57.9 49.1 73.7
71 50.0 43.8 65.6

Manual Integrations
APPROVED

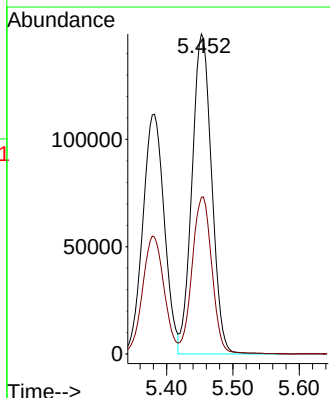
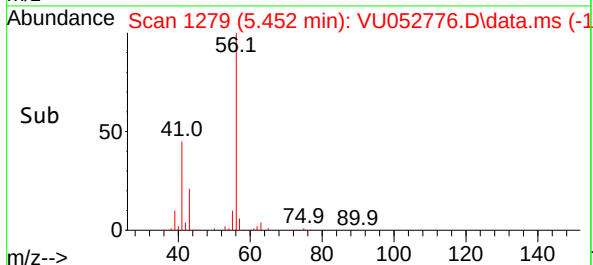
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

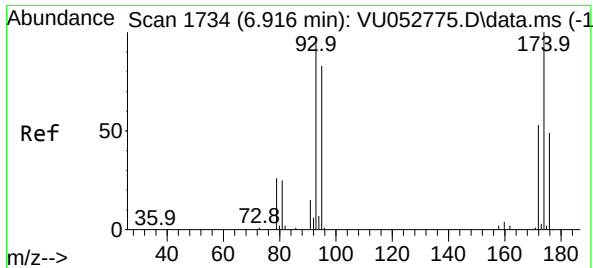


#42
1-Chlorobutane
Concen: 15.618 ug/l
RT: 5.452 min Scan# 1279
Delta R.T. -0.003 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06



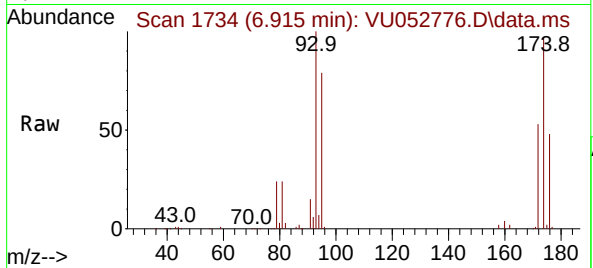
Tgt Ion: 56 Resp: 306547
Ion Ratio Lower Upper
56 100
41 49.5 24.5 73.5





#43
Dibromomethane
Concen: 13.611 ug/l
RT: 6.915 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

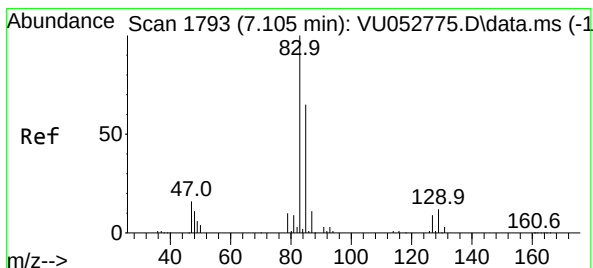
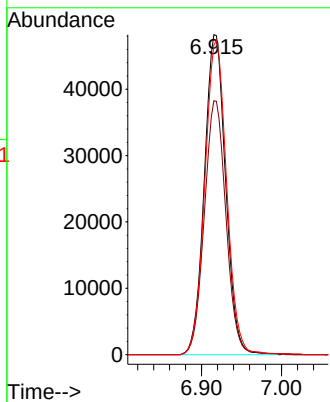
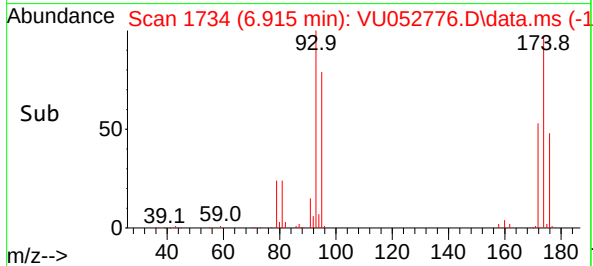
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



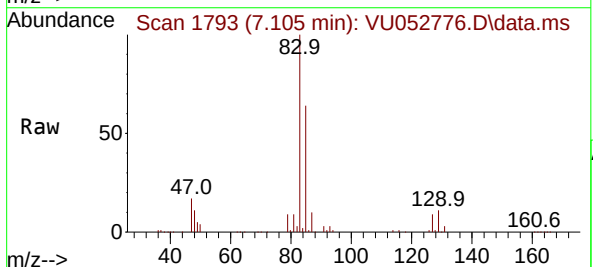
Tgt Ion: 93 Resp: 89128
Ion Ratio Lower Upper
93 100
95 81.1 67.0 100.6
174 100.6 82.2 123.4

Manual Integrations
APPROVED

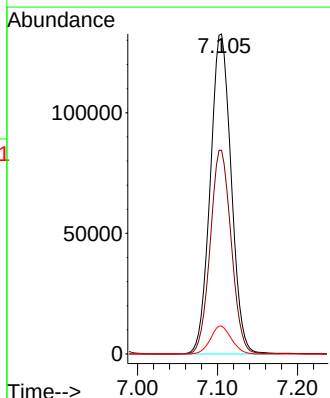
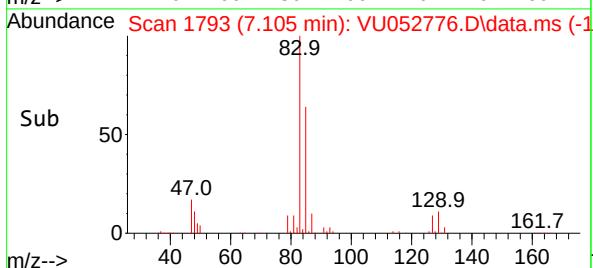
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

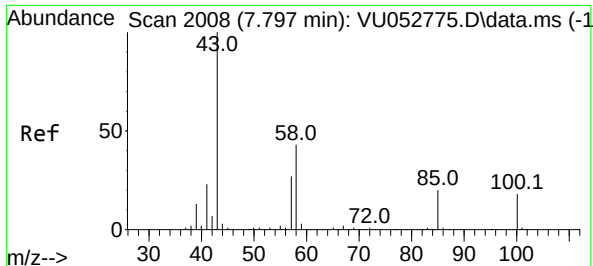


#44
Bromodichloromethane
Concen: 15.575 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06



Tgt Ion: 83 Resp: 241143
Ion Ratio Lower Upper
83 100
85 63.7 52.1 78.1
127 8.7 7.2 10.8





#45

4-Methyl-2-Pentanone

Concen: 75.774 ug/l

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU052776.D

Acq: 23 Jan 2023 14:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 43 Resp: 512540

Ion Ratio Lower Upper

43 100

58 43.6 21.7 65.1

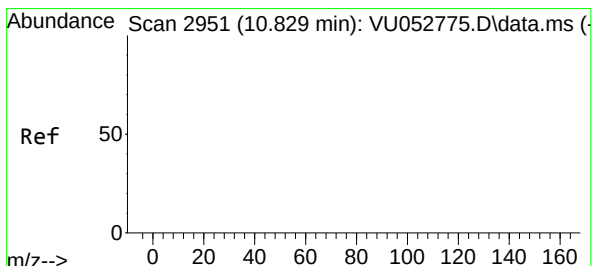
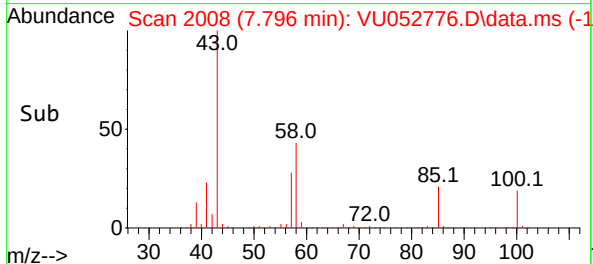
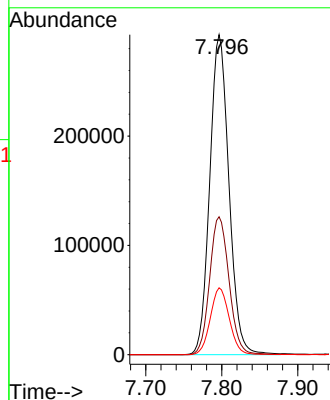
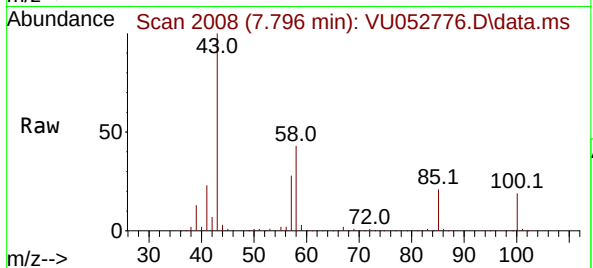
85 20.6 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#46

t-1,4-Dichloro-2-butene

Concen: 31.511 ug/l m

RT: 10.828 min Scan# 2951

Delta R.T. -0.000 min

Lab File: VU052776.D

Acq: 23 Jan 2023 14:06

Tgt Ion: 75 Resp: 101462

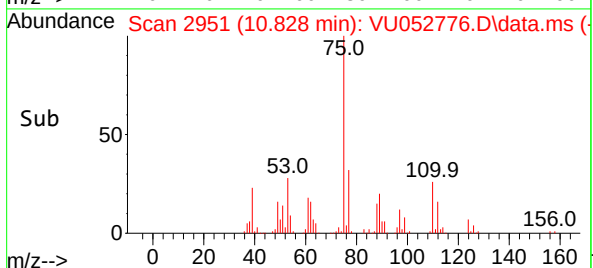
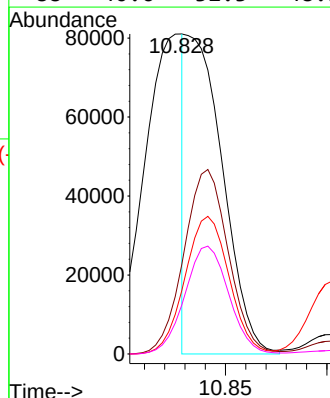
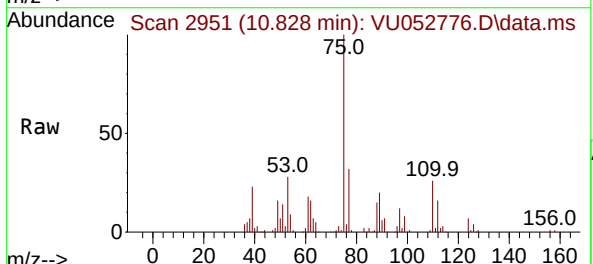
Ion Ratio Lower Upper

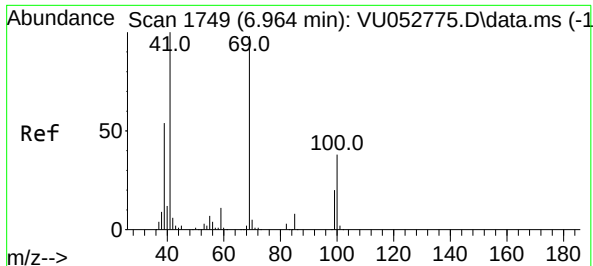
75 100

53 70.5 57.0 85.4

89 52.1 41.1 61.7

88 40.6 32.3 48.5





#47

Methyl methacrylate

Concen: 32.444 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VU052776.D

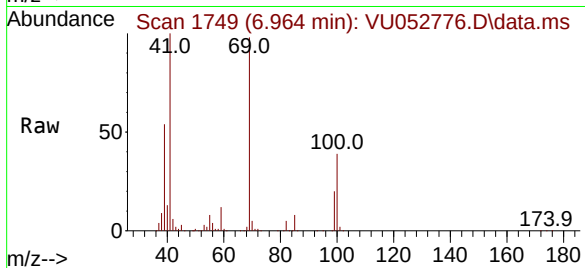
Acq: 23 Jan 2023 14:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015



Tgt Ion: 69 Resp: 173790

Ion Ratio Lower Upper

69 100

41 102.9 0.0 201.8

39 54.2 44.0 66.0

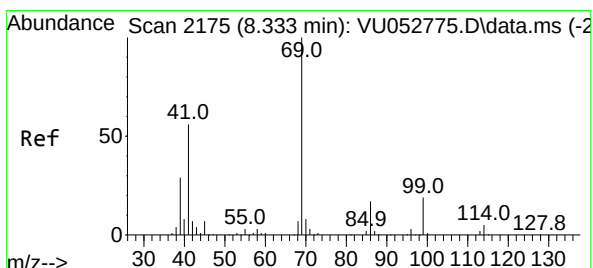
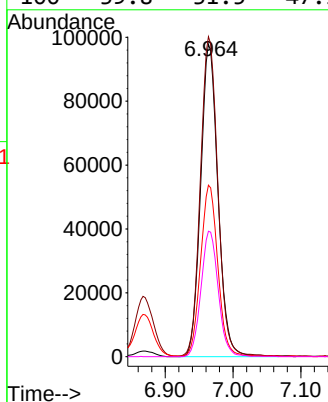
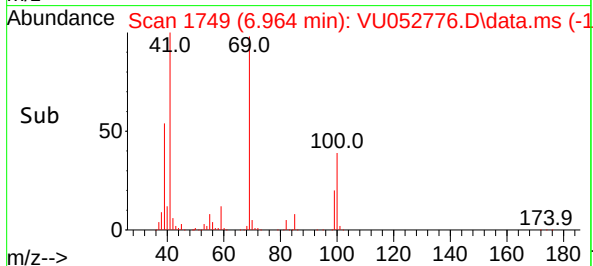
100 39.8 31.5 47.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#48

Ethyl methacrylate

Concen: 16.662 ug/l

RT: 8.333 min Scan# 2175

Delta R.T. -0.000 min

Lab File: VU052776.D

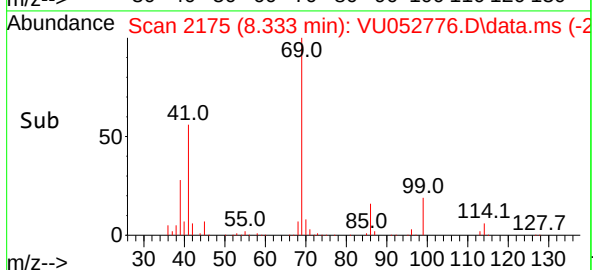
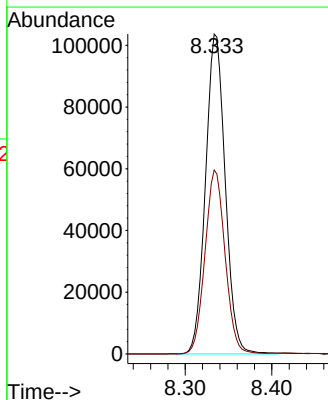
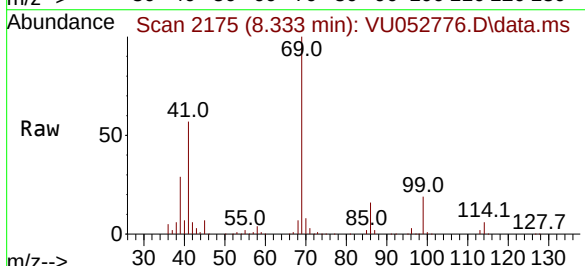
Acq: 23 Jan 2023 14:06

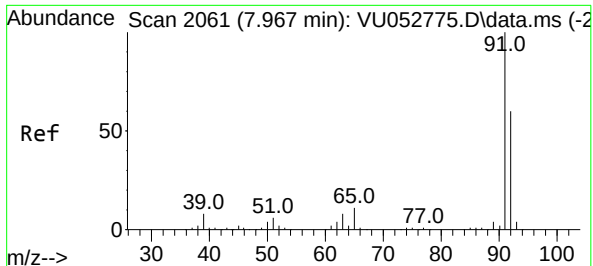
Tgt Ion: 69 Resp: 164046

Ion Ratio Lower Upper

69 100

41 58.5 28.1 84.4





#49

Toluene

Concen: 16.274 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU052776.D

Acq: 23 Jan 2023 14:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 92 Resp: 45128

Ion Ratio Lower Upper

92 100

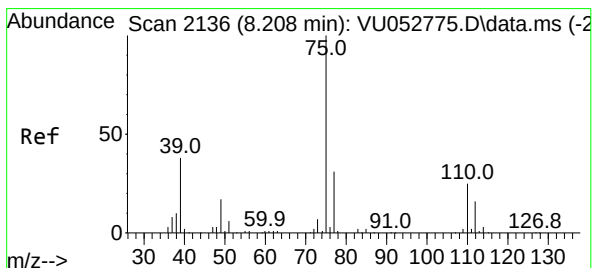
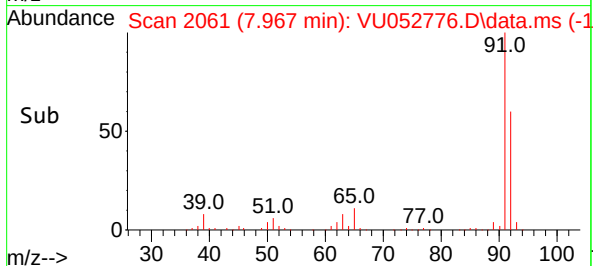
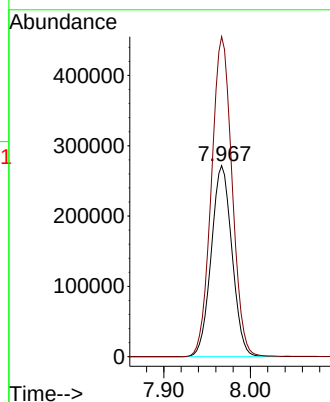
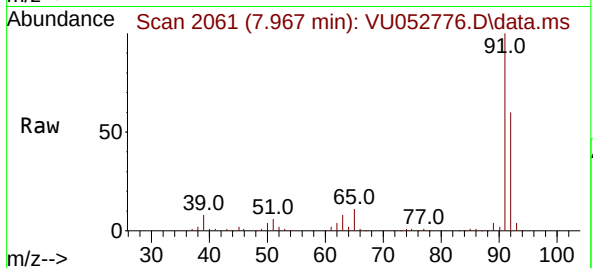
91 167.3 133.8 200.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#50

t-1,3-Dichloropropene

Concen: 16.392 ug/l

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU052776.D

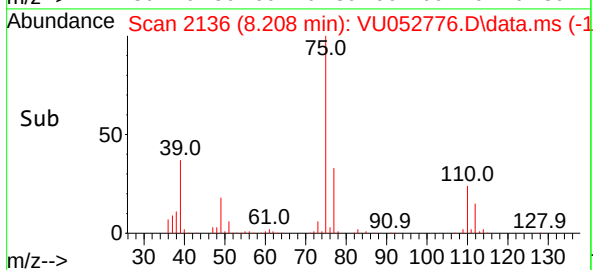
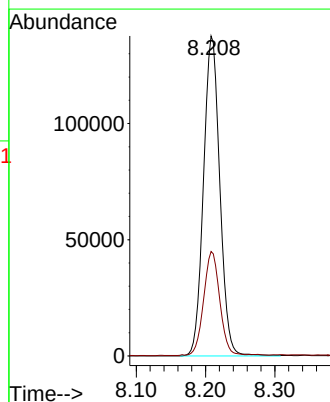
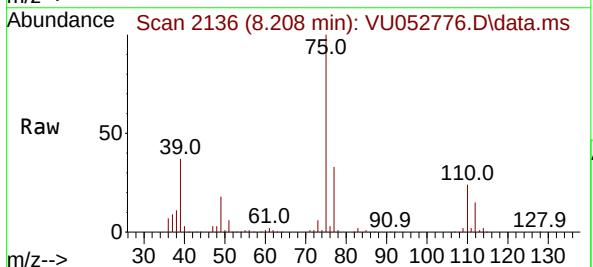
Acq: 23 Jan 2023 14:06

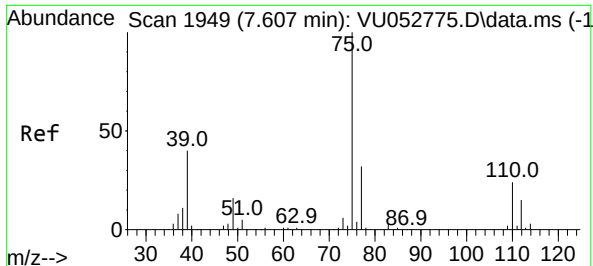
Tgt Ion: 75 Resp: 224664

Ion Ratio Lower Upper

75 100

77 32.4 24.4 36.6





#51

cis-1,3-Dichloropropene

Concen: 16.709 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU052776.D

Acq: 23 Jan 2023 14:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 75 Resp: 263700

Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

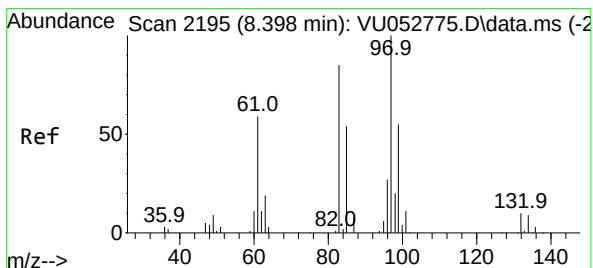
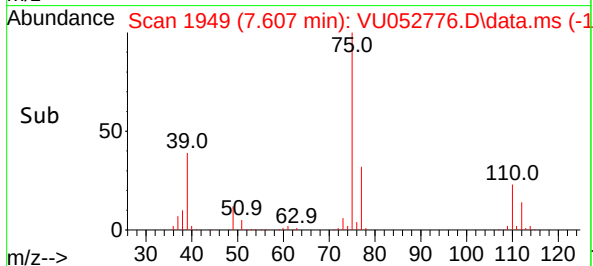
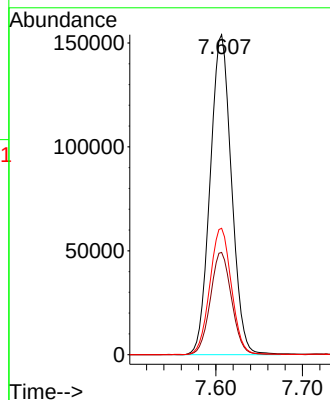
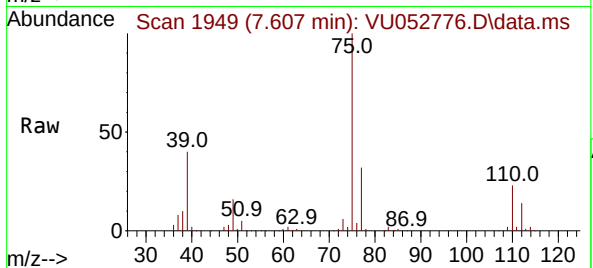
39 39.4 32.3 48.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#52

1,1,2-Trichloroethane

Concen: 13.386 ug/l

RT: 8.398 min Scan# 2195

Delta R.T. -0.000 min

Lab File: VU052776.D

Acq: 23 Jan 2023 14:06

Tgt Ion: 97 Resp: 124358

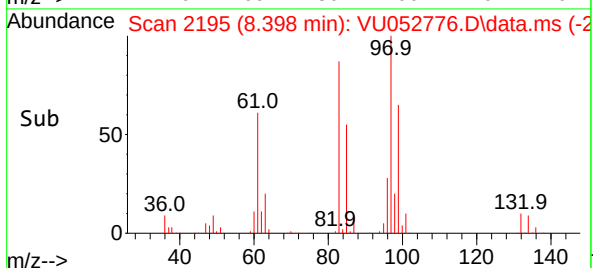
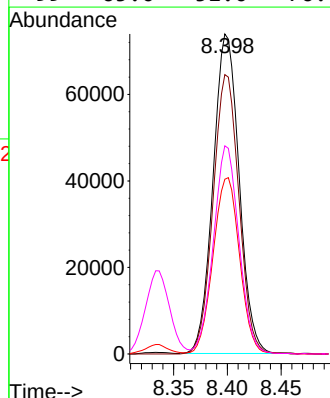
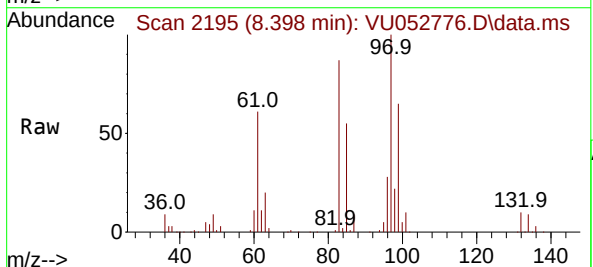
Ion Ratio Lower Upper

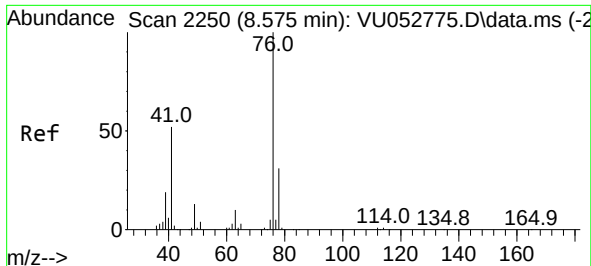
97 100

83 87.4 68.2 102.2

85 54.5 44.5 66.7

99 65.0 51.0 76.4





#53

1,3-Dichloropropane

Concen: 14.505 ug/l

RT: 8.571 min Scan# 2250

Delta R.T. -0.003 min

Lab File: VU052776.D

Acq: 23 Jan 2023 14:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 76 Resp: 223170

Ion Ratio Lower Upper

76 100

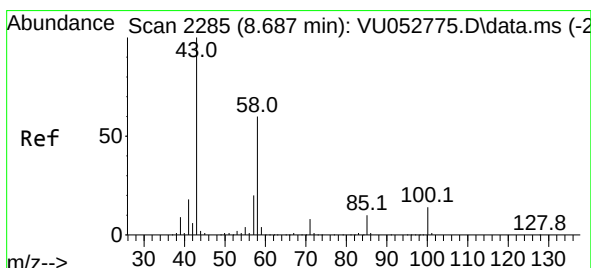
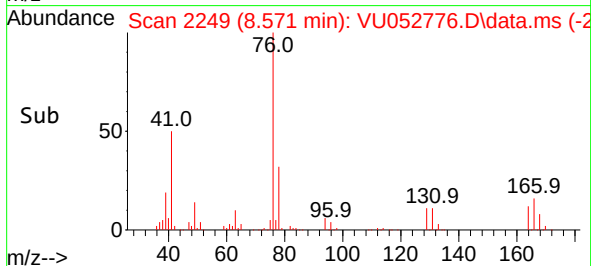
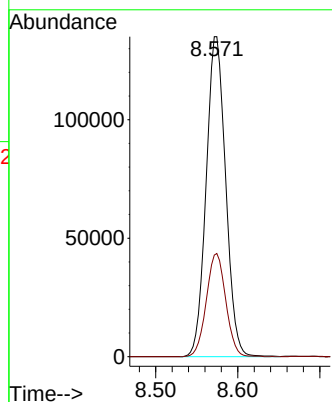
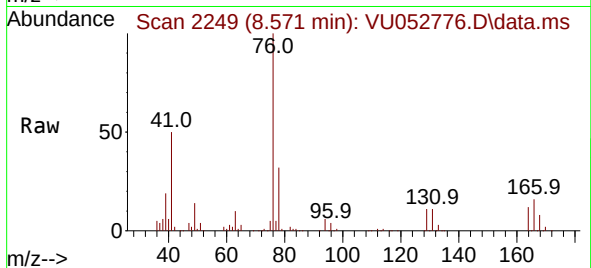
78 32.1 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#54

2-Hexanone

Concen: 97.598 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VU052776.D

Acq: 23 Jan 2023 14:06

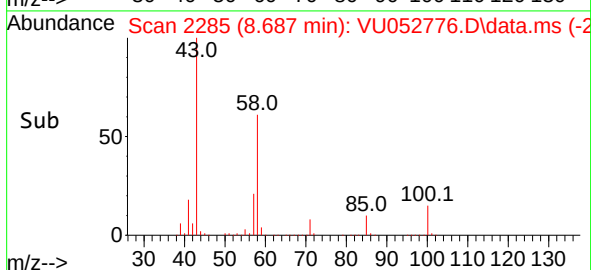
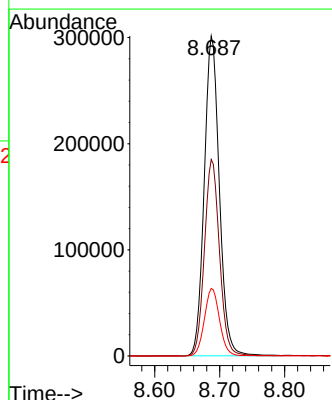
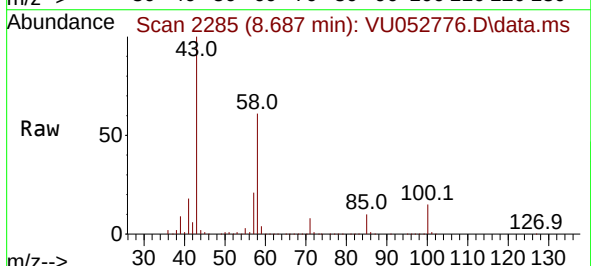
Tgt Ion: 43 Resp: 489686

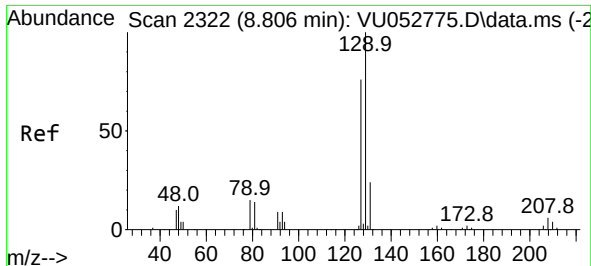
Ion Ratio Lower Upper

43 100

58 61.1 40.0 80.0

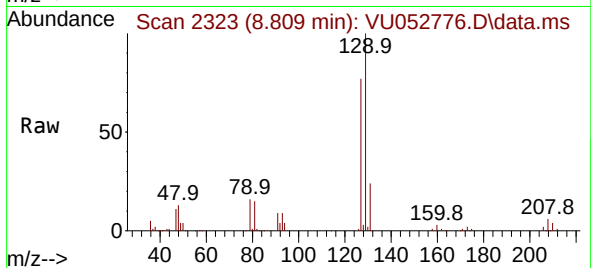
57 21.2 0.6 40.6





#55
Dibromochloromethane
Concen: 14.764 ug/l
RT: 8.809 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

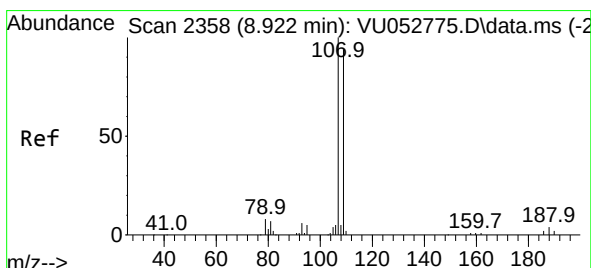
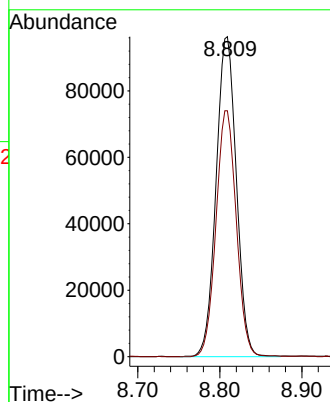
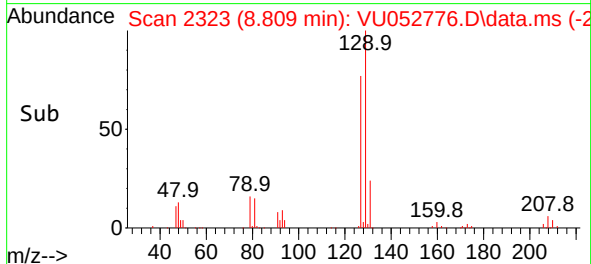
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



Tgt Ion:129 Resp: 165229
Ion Ratio Lower Upper
129 100
127 77.0 61.5 92.3

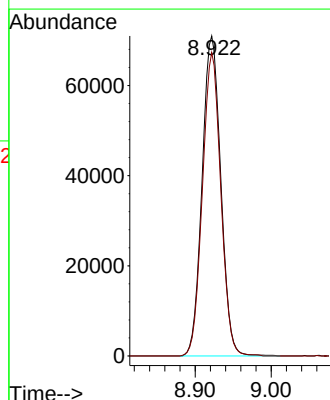
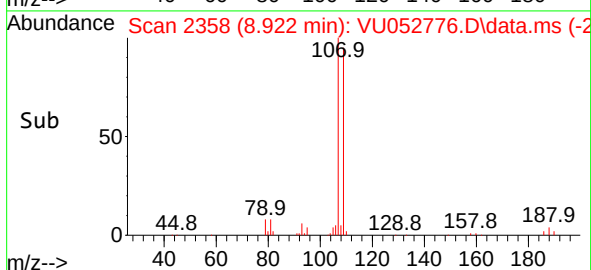
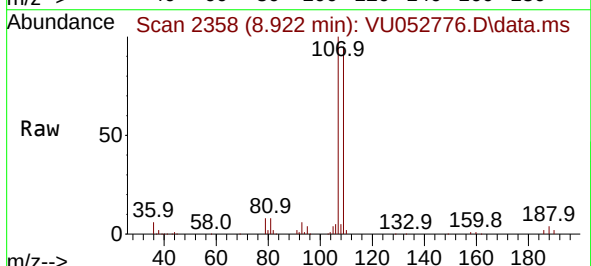
Manual Integrations
APPROVED

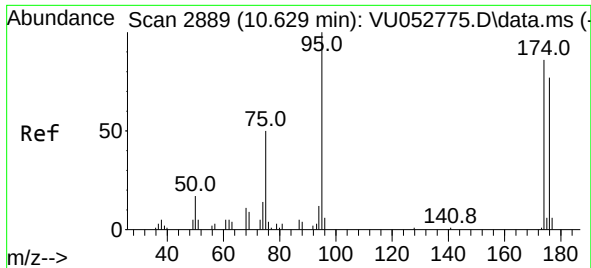
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#56
1,2-Dibromoethane
Concen: 13.700 ug/l
RT: 8.922 min Scan# 2358
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

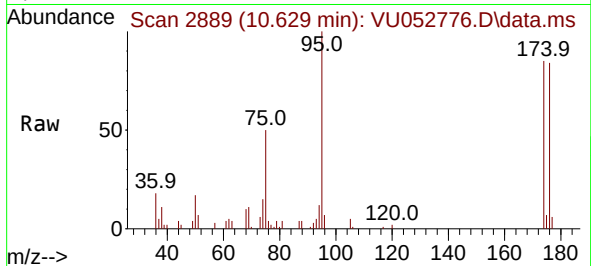
Tgt Ion:107 Resp: 121082
Ion Ratio Lower Upper
107 100
109 93.1 0.0 190.4





#57
4-Bromofluorobenzene
Concen: 1.032 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

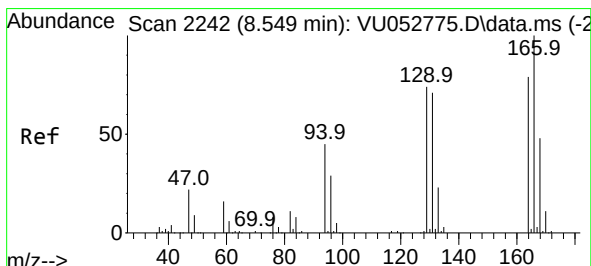
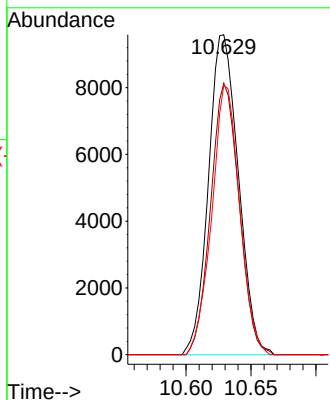
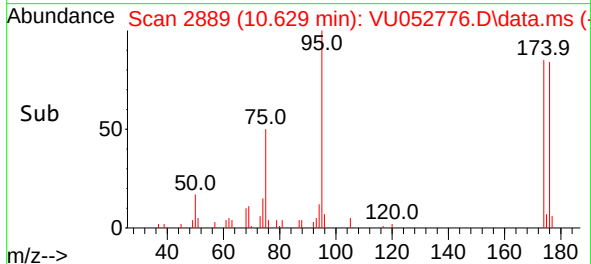
Instrument : MSVOA_U
ClientSampleId : VSTDIC015



Tgt Ion: 95 Resp: 15339
Ion Ratio Lower Upper
95 100
174 80.8 66.9 100.3
176 78.4 61.9 92.9

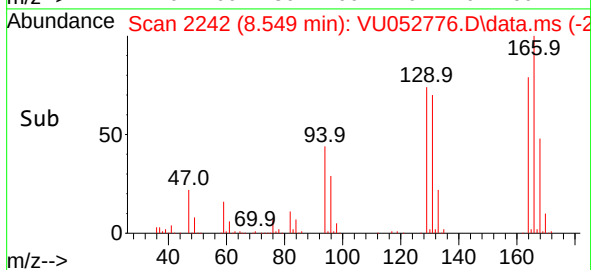
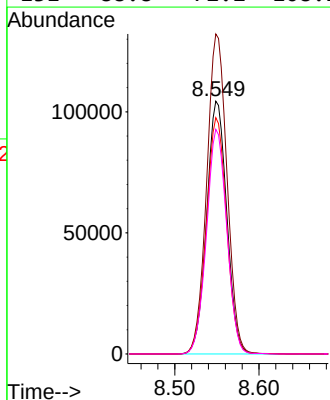
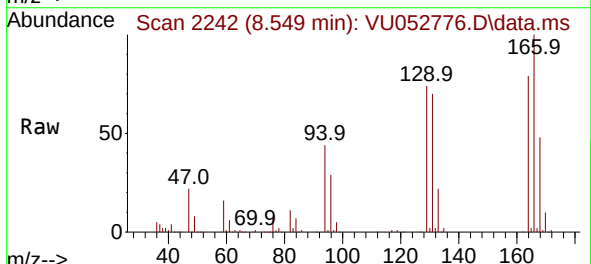
Manual Integrations
APPROVED

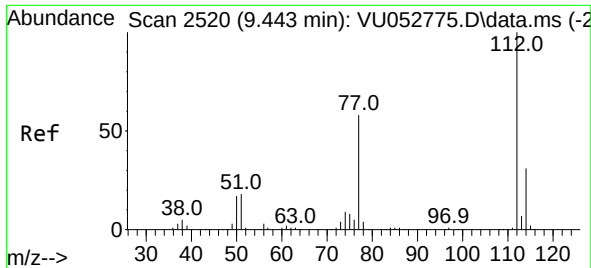
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#58
Tetrachloroethene
Concen: 14.762 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

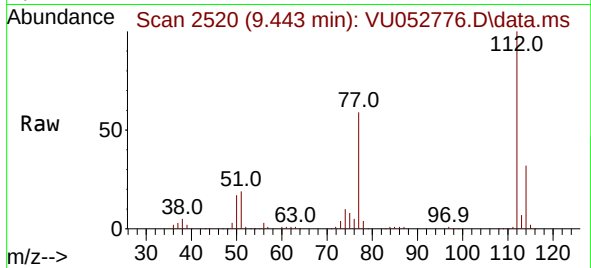
Tgt Ion:164 Resp: 174106
Ion Ratio Lower Upper
164 100
166 126.5 101.5 152.3
129 93.4 75.2 112.8
131 88.8 72.2 108.2





#59
Chlorobenzene
Concen: 15.080 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

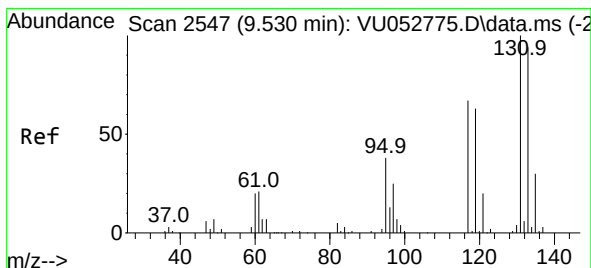
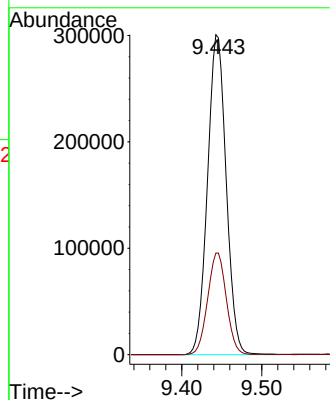
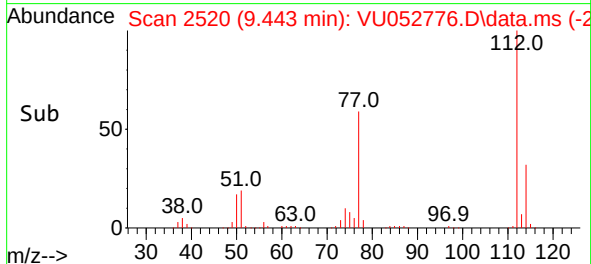
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



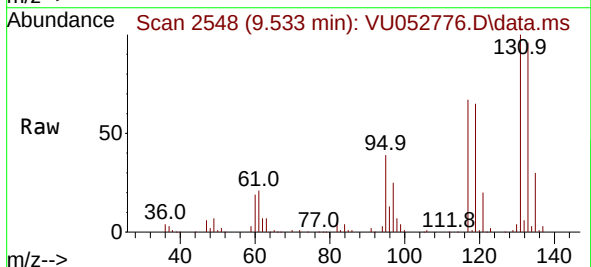
Tgt Ion:112 Resp: 488640
Ion Ratio Lower Upper
112 100
114 31.8 25.2 37.8

Manual Integrations
APPROVED

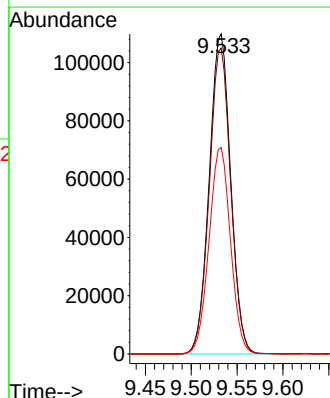
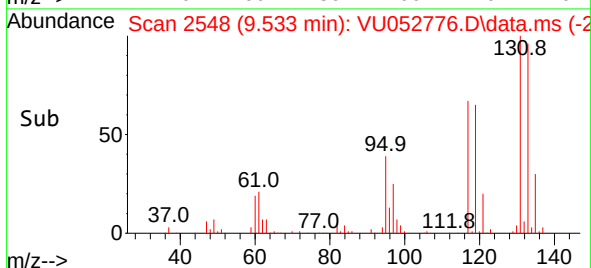
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

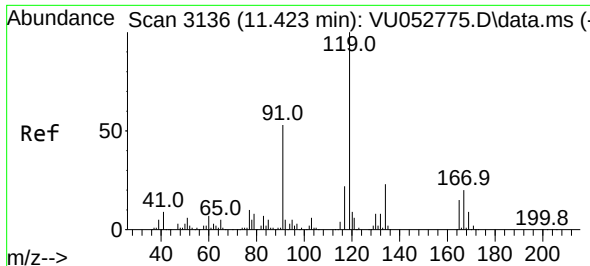


#60
1,1,1,2-Tetrachloroethane
Concen: 15.413 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. 0.003 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06



Tgt Ion:131 Resp: 178615
Ion Ratio Lower Upper
131 100
133 95.8 77.2 115.8
119 64.6 50.8 76.2





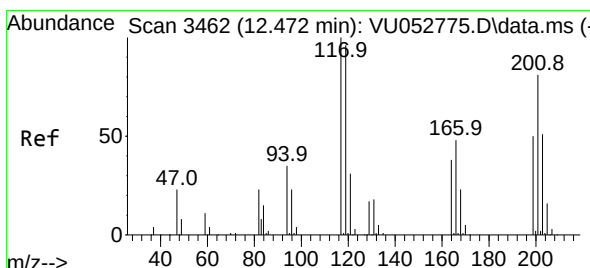
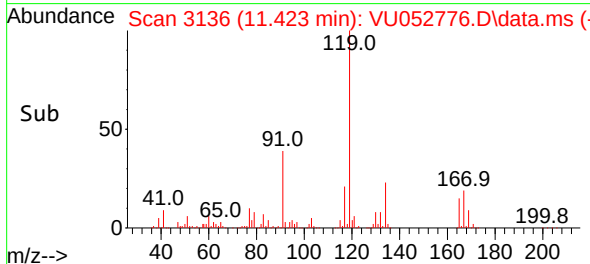
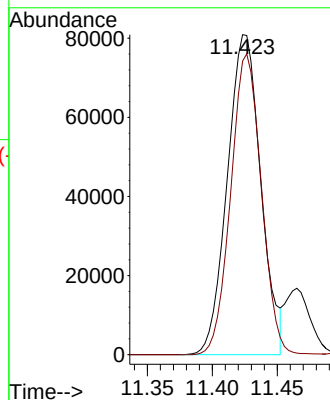
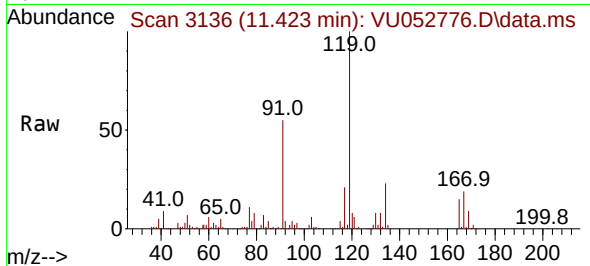
#61
Pentachloroethane
Concen: 14.975 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:117 Resp: 144874
Ion Ratio Lower Upper
117 100
167 86.2 66.8 100.2

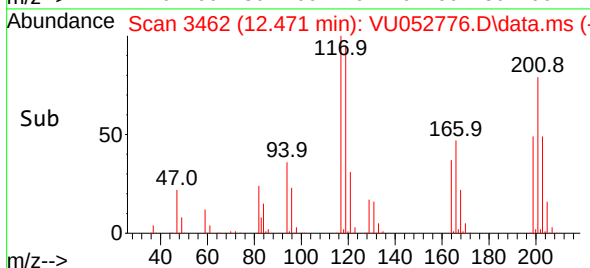
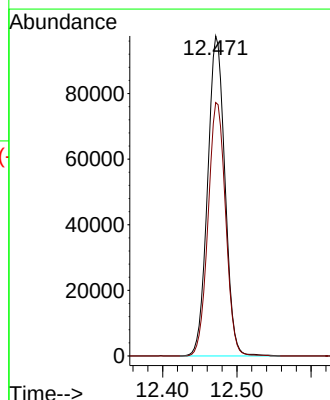
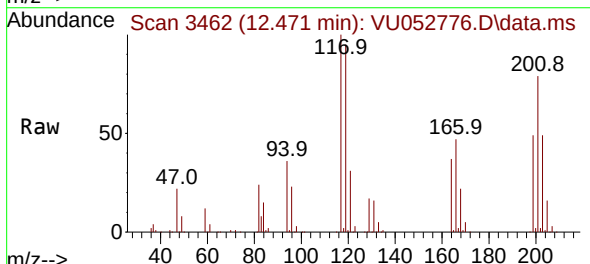
Manual Integrations
APPROVED

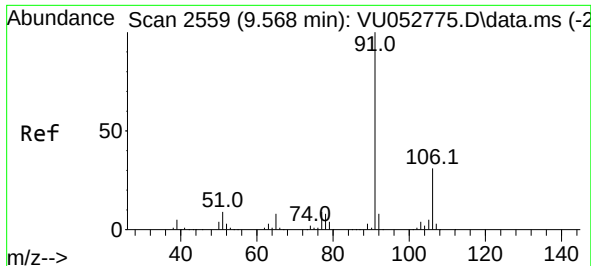
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#62
Hexachloroethane
Concen: 17.561 ug/l
RT: 12.471 min Scan# 3462
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

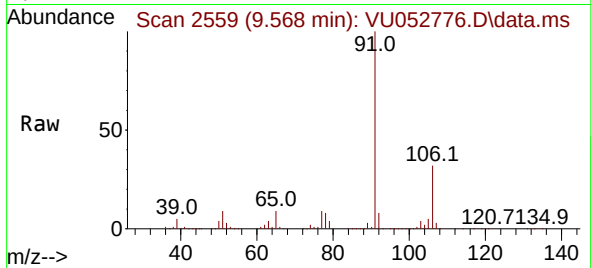
Tgt Ion:117 Resp: 157661
Ion Ratio Lower Upper
117 100
201 80.2 64.6 97.0





#63
Ethyl Benzene
Concen: 17.003 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

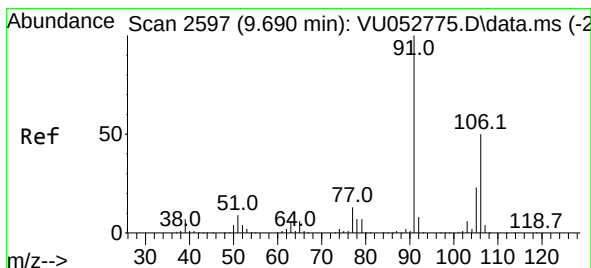
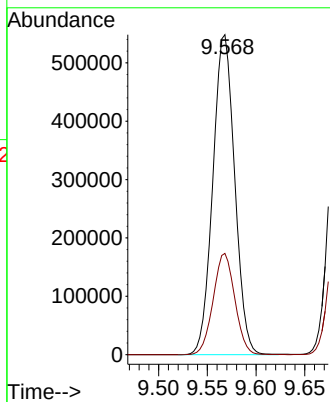
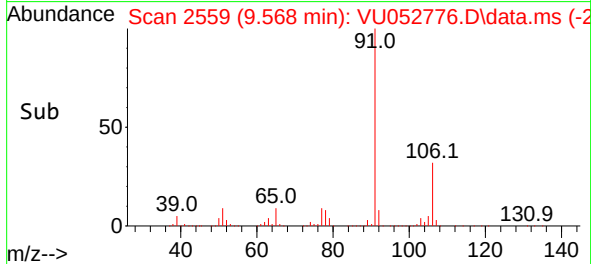
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



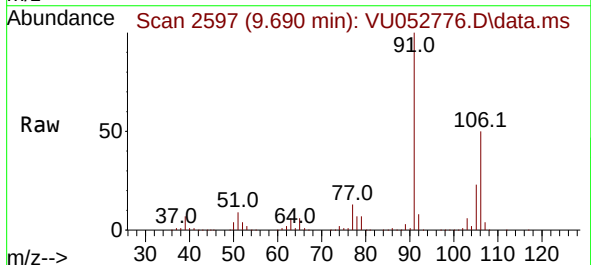
Tgt Ion: 91 Resp: 85545
Ion Ratio Lower Upper
91 100
106 31.6 25.1 37.7

Manual Integrations
APPROVED

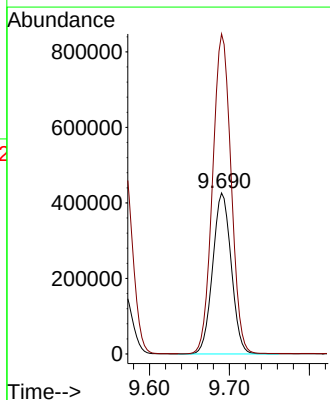
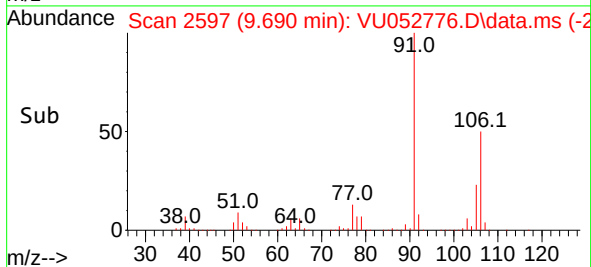
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

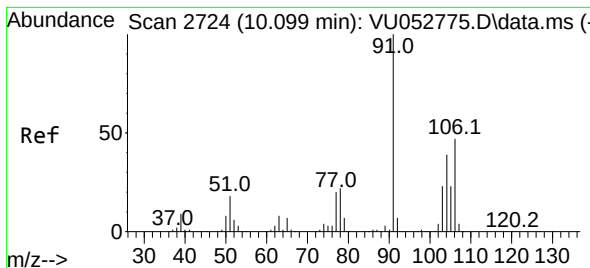


#64
m/p-Xylenes
Concen: 34.073 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06



Tgt Ion:106 Resp: 683837
Ion Ratio Lower Upper
106 100
91 199.0 158.7 238.1





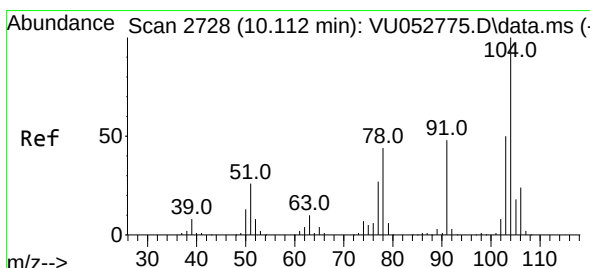
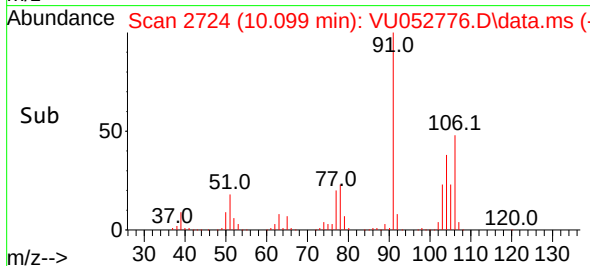
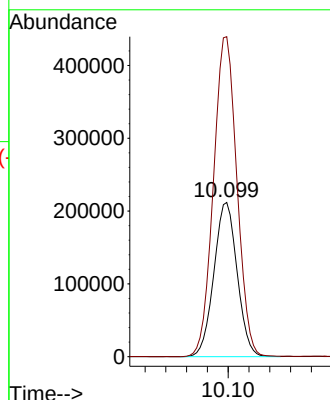
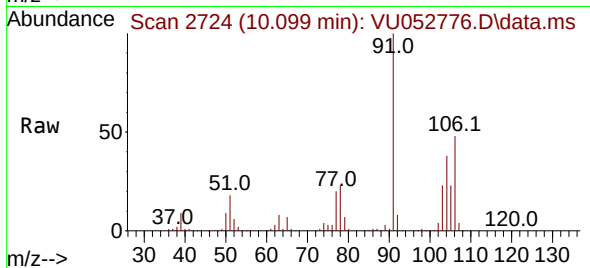
#65
o-Xylene
Concen: 17.147 ug/l
RT: 10.099 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:106 Resp: 329224
Ion Ratio Lower Upper
106 100
91 209.7 105.6 316.8

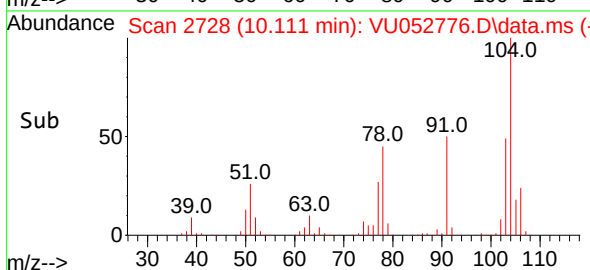
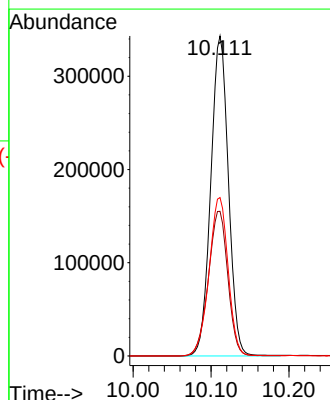
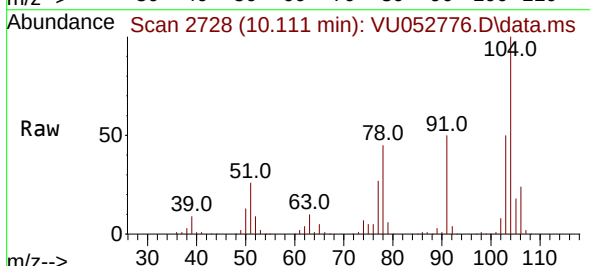
Manual Integrations
APPROVED

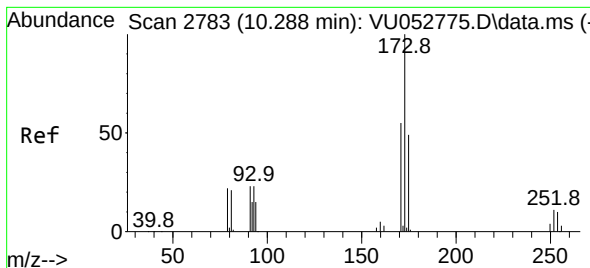
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#66
Styrene
Concen: 16.842 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

Tgt Ion:104 Resp: 540878
Ion Ratio Lower Upper
104 100
78 49.8 39.6 59.4
103 53.5 42.9 64.3





#67

Bromoform

Concen: 14.122 ug/l

RT: 10.288 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU052776.D

Acq: 23 Jan 2023 14:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

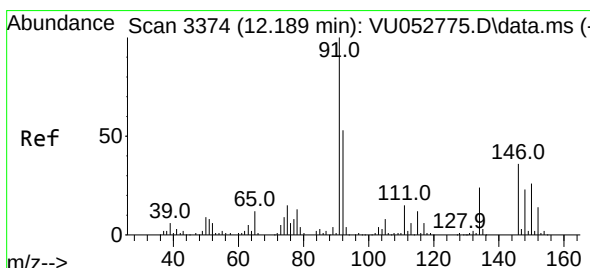
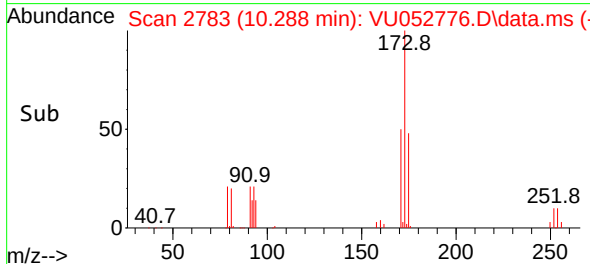
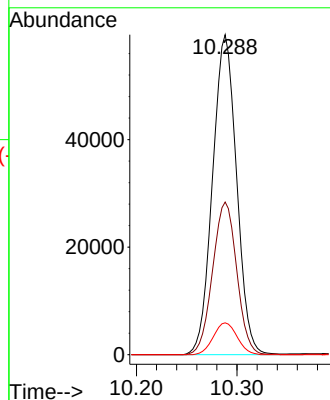
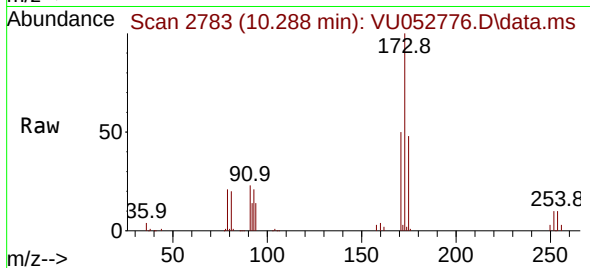
Tgt Ion:173	Resp:	98720
Ion Ratio	Lower	Upper
173	100	
175	48.0	39.5 59.3
254	9.9	8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#68

1,2-Dichlorobenzene-d4

Concen: 0.861 ug/l

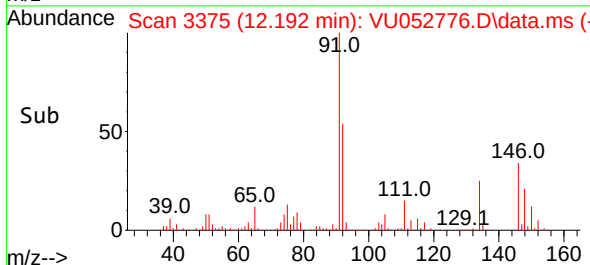
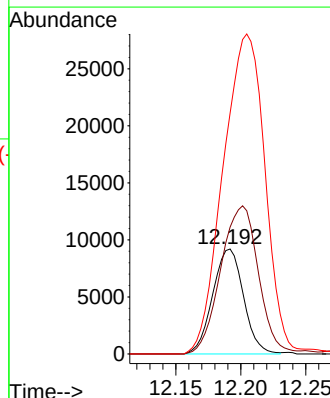
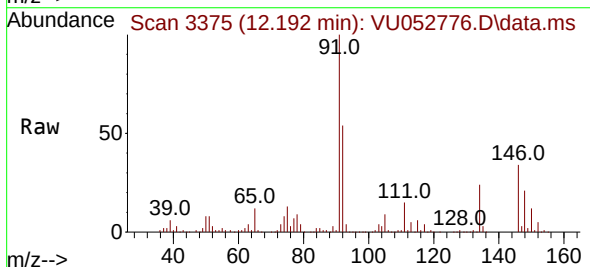
RT: 12.192 min Scan# 3375

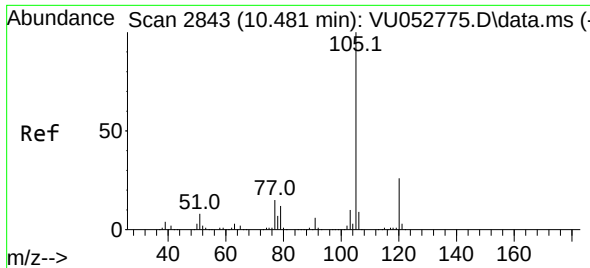
Delta R.T. 0.003 min

Lab File: VU052776.D

Acq: 23 Jan 2023 14:06

Tgt Ion:152	Resp:	15199
Ion Ratio	Lower	Upper
152	100	
115	173.8	0.0 262.6
150	417.5	0.0 638.0





#69
Isopropylbenzene
Concen: 17.077 ug/l
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

Instrument :

MSVOA_U

ClientSampleId :

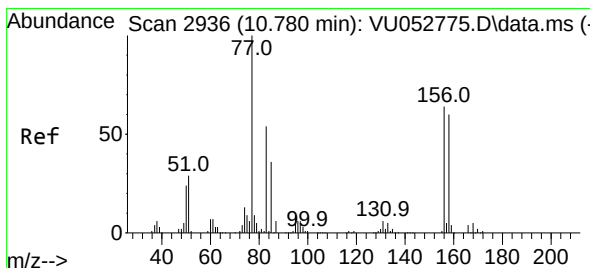
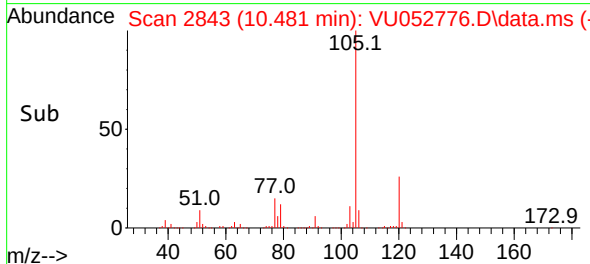
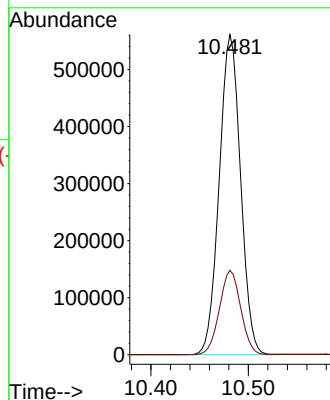
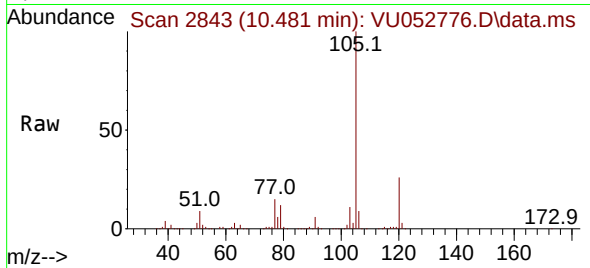
VSTDICC015

Tgt Ion:105 Resp: 853038
Ion Ratio Lower Upper
105 100
120 26.3 13.3 39.9

Manual Integrations

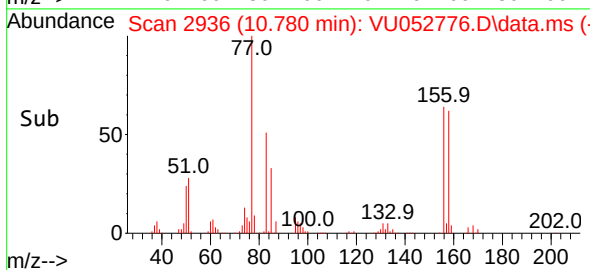
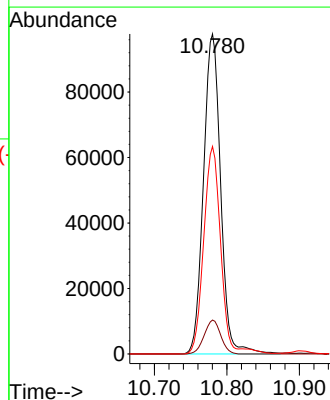
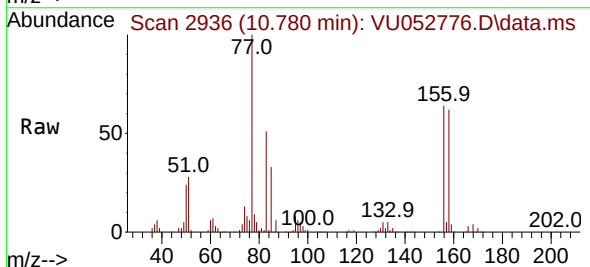
APPROVED

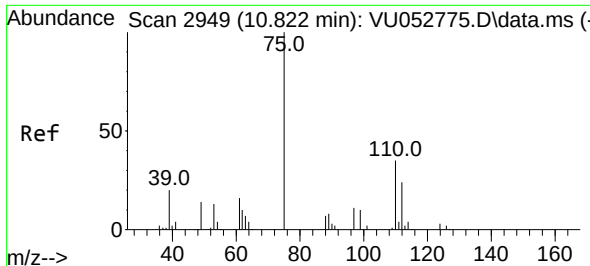
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 13.480 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

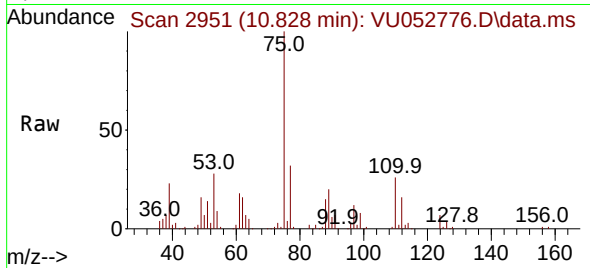
Tgt Ion: 83 Resp: 160964
Ion Ratio Lower Upper
83 100
131 10.2 8.6 13.0
85 64.4 52.6 78.8





#71
1,2,3-Trichloropropane
Concen: 14.851 ug/l m
RT: 10.828 min Scan# 2949
Delta R.T. 0.006 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

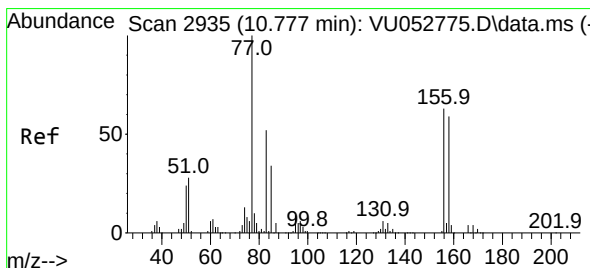
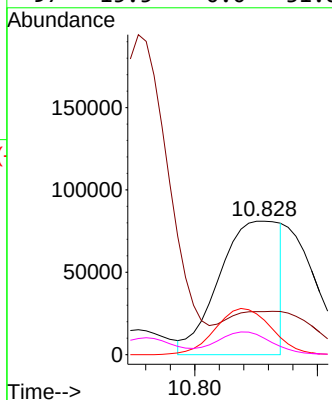
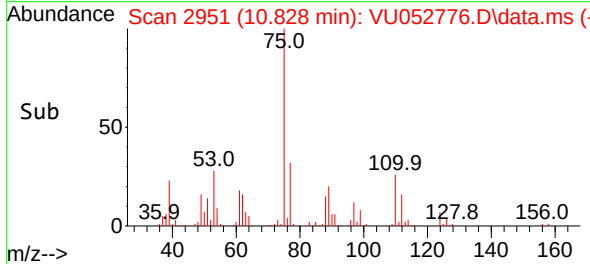
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



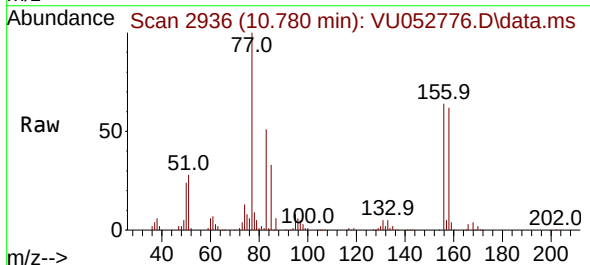
Tgt Ion: 75	Resp: 13948
Ion Ratio	Lower Upper
75 100	
77 44.5	0.0 86.0
110 32.3	0.0 63.8
97 15.5	0.0 31.8

Manual Integrations
APPROVED

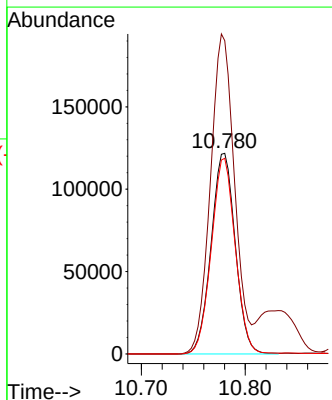
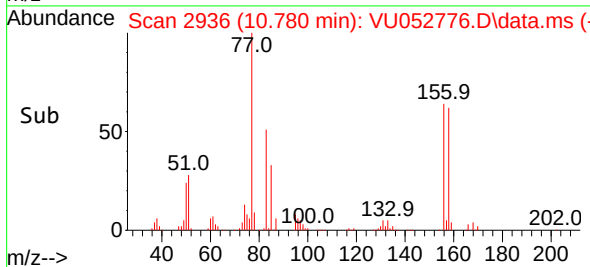
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

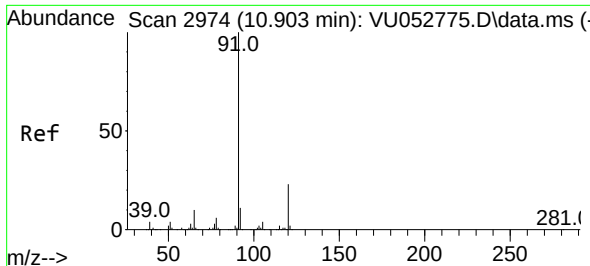


#72
Bromobenzene
Concen: 13.428 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06



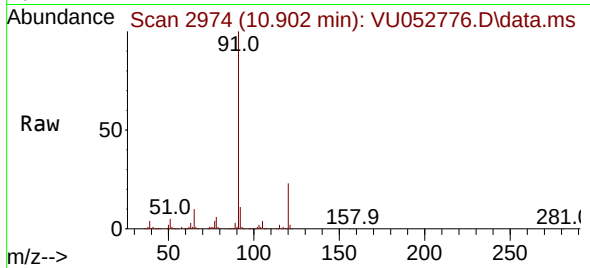
Tgt Ion:156	Resp:	196516	
Ion	Ratio	Lower	Upper
156	100		
77	159.1	0.0	321.2
158	96.8	0.0	192.0





#73
n-propylbenzene
Concen: 17.027 ug/l
RT: 10.902 min Scan# 2974
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

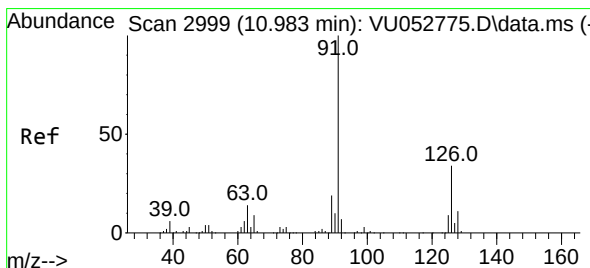
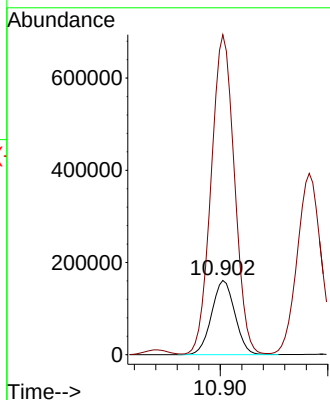
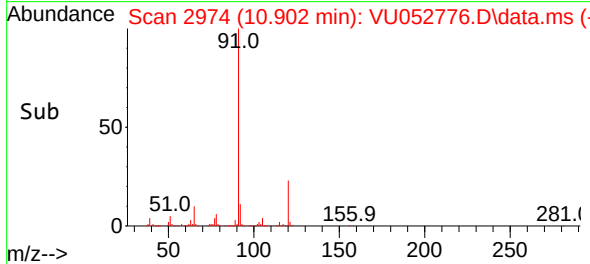
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion:120 Resp: 241608
Ion Ratio Lower Upper
120 100
91 431.3 348.0 522.0

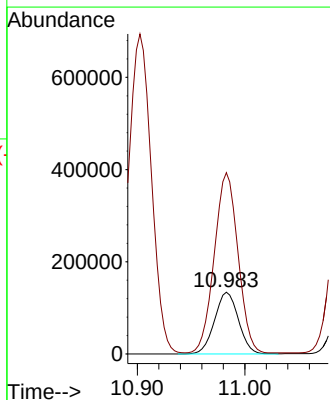
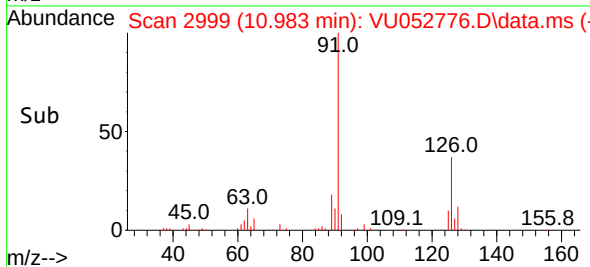
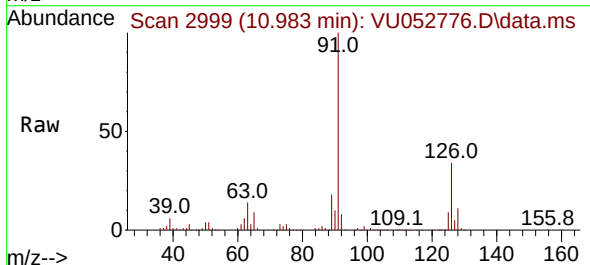
Manual Integrations
APPROVED

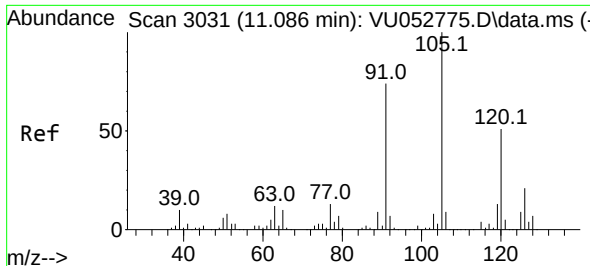
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#74
2-Chlorotoluene
Concen: 15.444 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

Tgt Ion:126 Resp: 206386
Ion Ratio Lower Upper
126 100
91 289.9 0.0 588.6





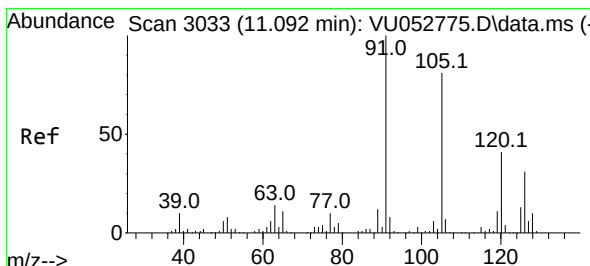
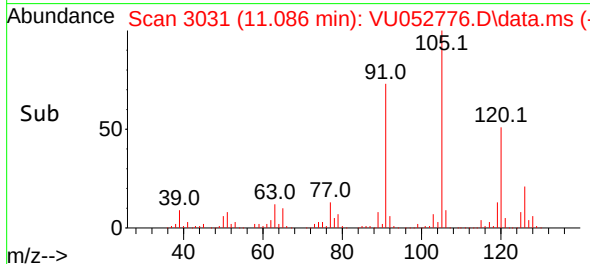
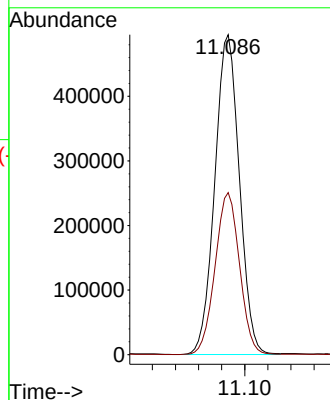
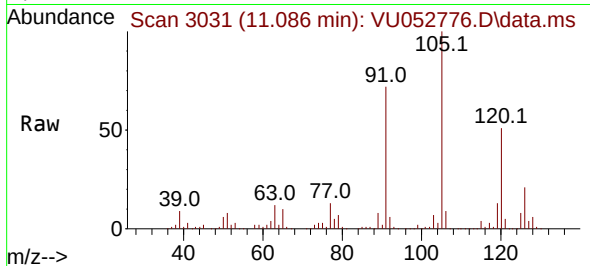
#75
1,3,5-Trimethylbenzene
Concen: 17.220 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:105 Resp: 731708
Ion Ratio Lower Upper
105 100
120 50.3 39.9 59.9

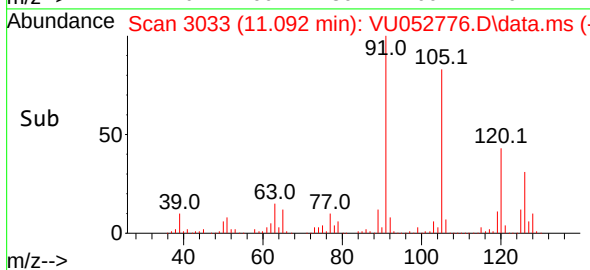
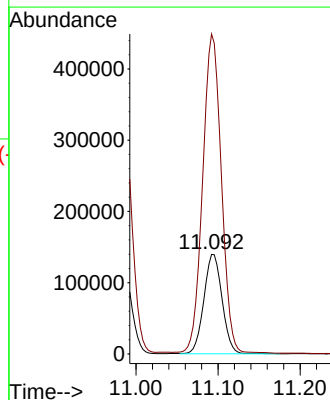
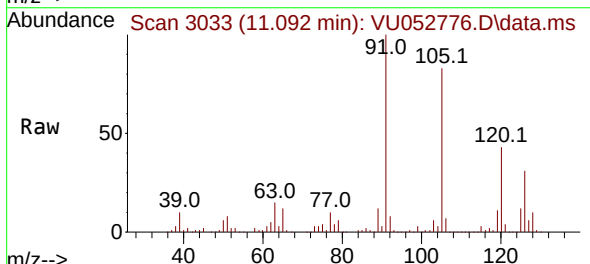
Manual Integrations
APPROVED

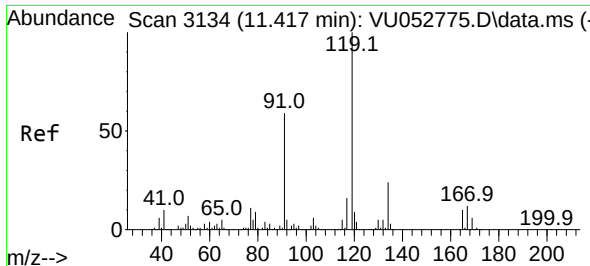
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#76
4-Chlorotoluene
Concen: 15.290 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

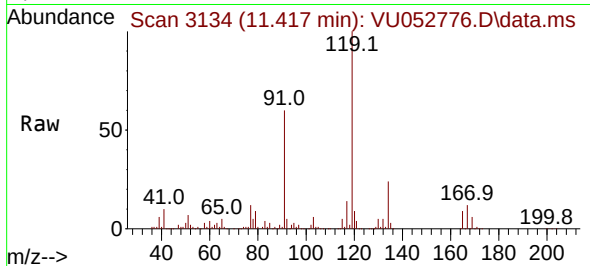
Tgt Ion:126 Resp: 214999
Ion Ratio Lower Upper
126 100
91 330.7 0.0 661.8





#77
tert-Butylbenzene
Concen: 17.190 ug/l
RT: 11.417 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

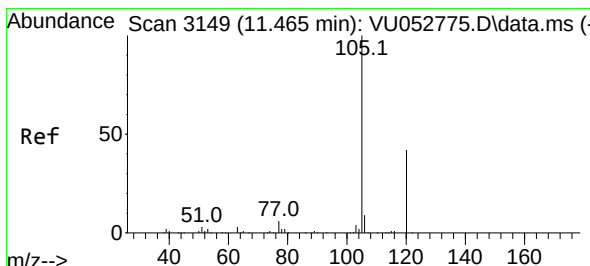
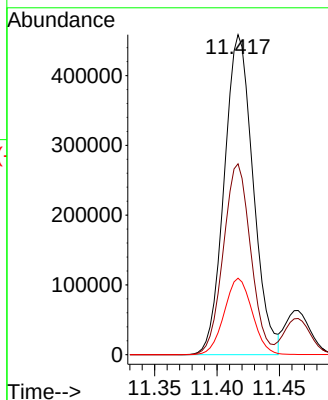
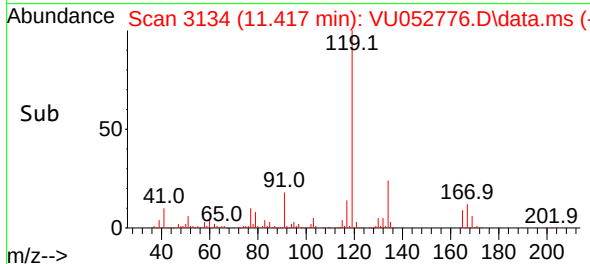
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



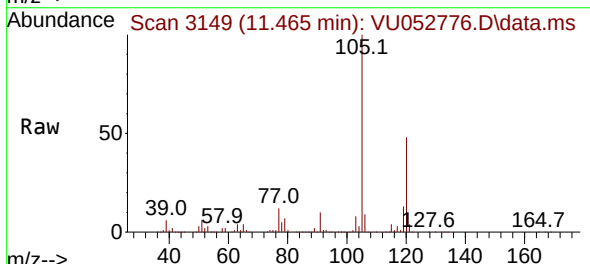
Tgt Ion:119 Resp: 740820
Ion Ratio Lower Upper
119 100
91 56.7 28.4 85.3
134 23.2 18.6 27.8

Manual Integrations
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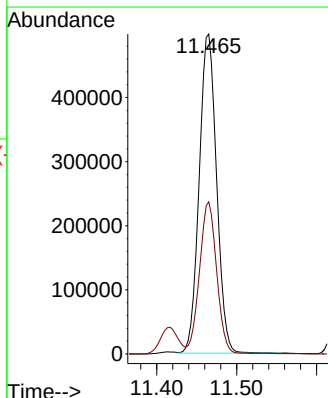
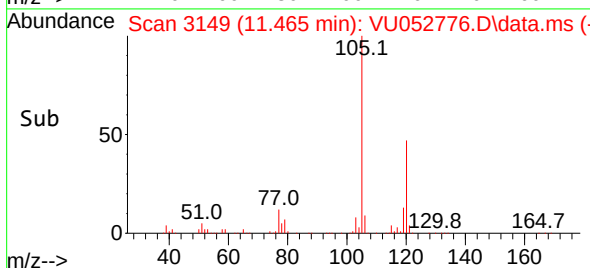
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

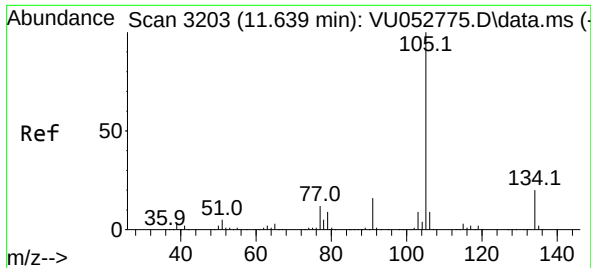


#78
1,2,4-Trimethylbenzene
Concen: 17.328 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06



Tgt Ion:105 Resp: 753194
Ion Ratio Lower Upper
105 100
120 46.7 23.4 70.3





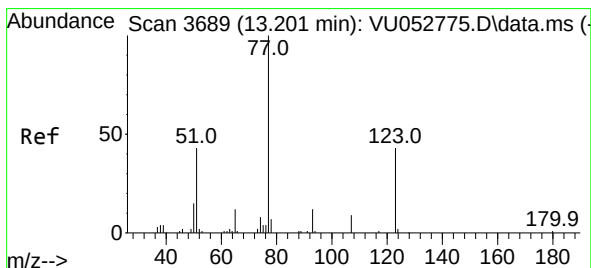
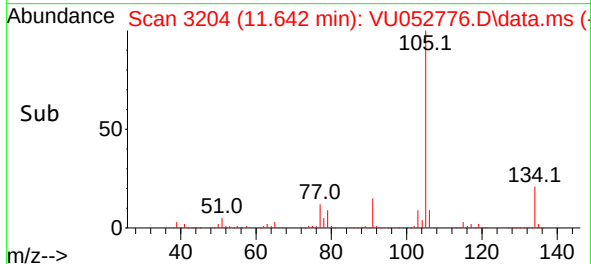
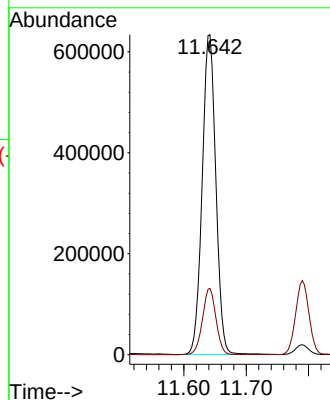
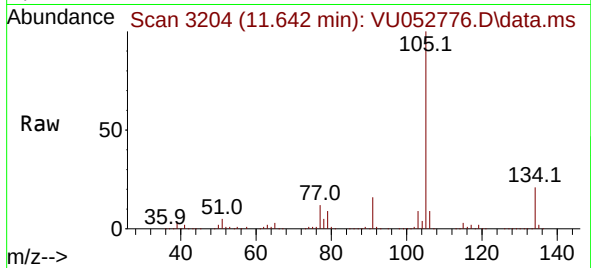
#79
 sec-Butylbenzene
 Concen: 17.144 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU052776.D
 Acq: 23 Jan 2023 14:06

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC015

Tgt Ion:105 Resp: 96535
 Ion Ratio Lower Upper
 105 100
 134 20.5 16.5 24.7

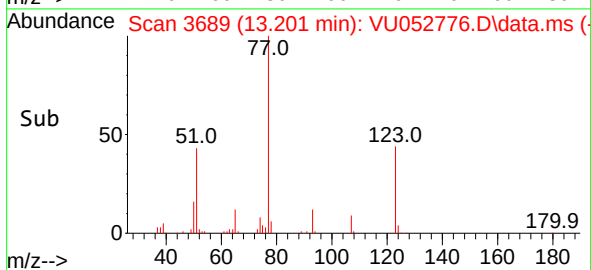
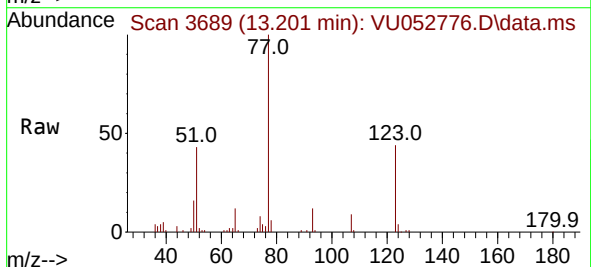
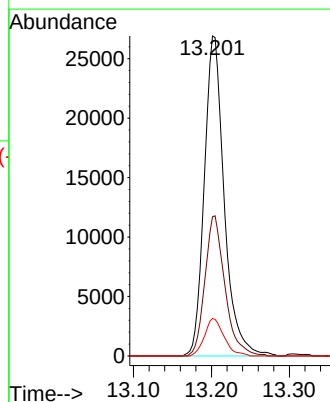
Manual Integrations
 APPROVED

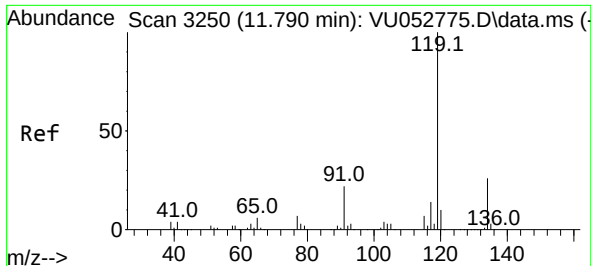
Reviewed By :Krupa Patel 01/24/2023
 Supervised By :Mahesh Dadoda 01/24/2023



#80
 Nitrobenzene
 Concen: 97.536 ug/l
 RT: 13.201 min Scan# 3689
 Delta R.T. -0.000 min
 Lab File: VU052776.D
 Acq: 23 Jan 2023 14:06

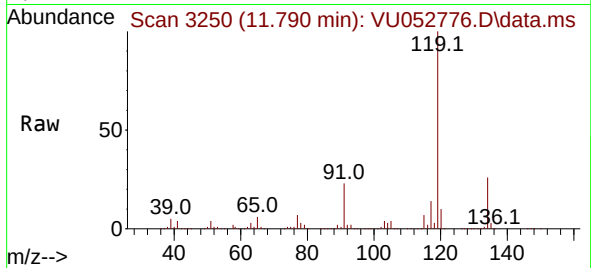
Tgt Ion: 77 Resp: 47827
 Ion Ratio Lower Upper
 77 100
 123 43.9 18.8 66.8
 65 11.5 10.1 12.9





#81
p-Isopropyltoluene
Concen: 17.841 ug/l
RT: 11.790 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

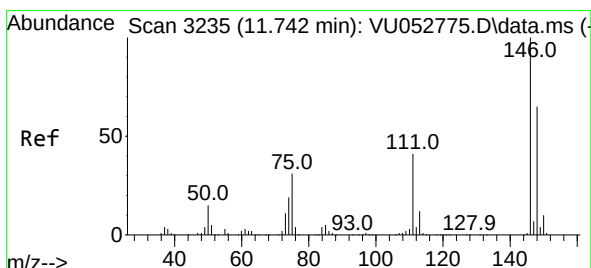
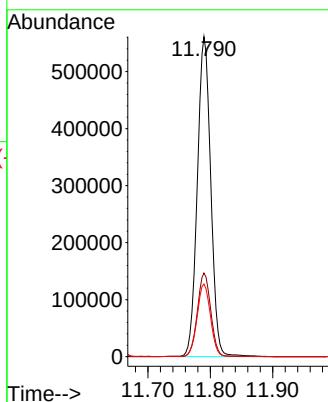
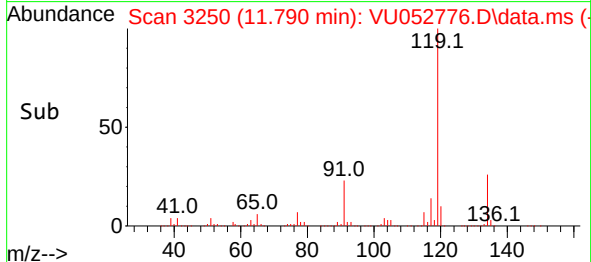
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



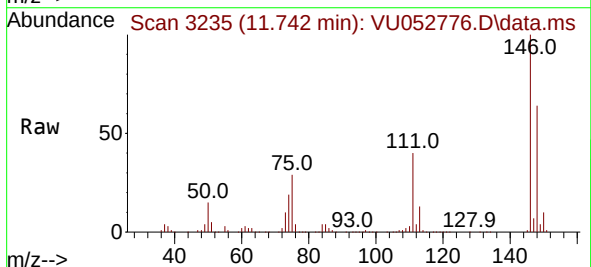
Tgt Ion:119 Resp: 84110
Ion Ratio Lower Upper
119 100
134 26.2 20.7 31.1
91 22.4 17.6 26.4

Manual Integrations
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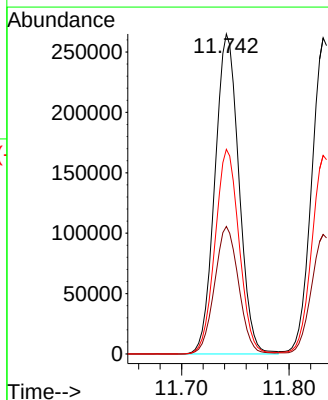
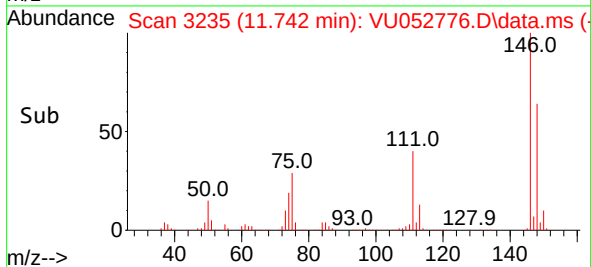
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

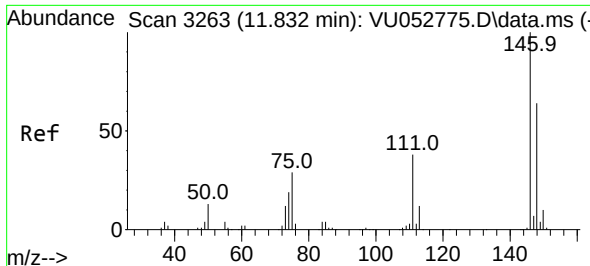


#82
1,3-Dichlorobenzene
Concen: 13.907 ug/l
RT: 11.742 min Scan# 3235
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06



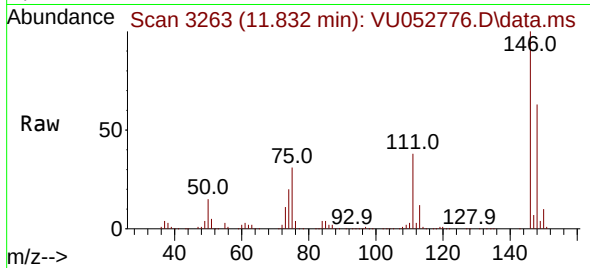
Tgt Ion:146 Resp: 411029
Ion Ratio Lower Upper
146 100
111 39.9 32.6 48.8
148 64.1 51.9 77.9





#83
1,4-Dichlorobenzene
Concen: 13.876 ug/l
RT: 11.832 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

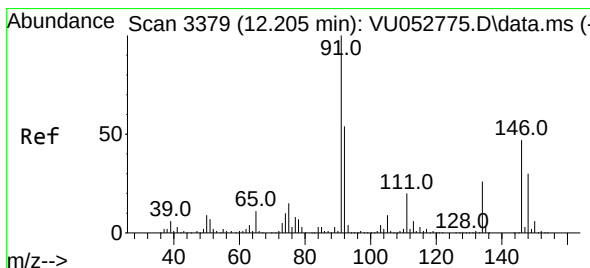
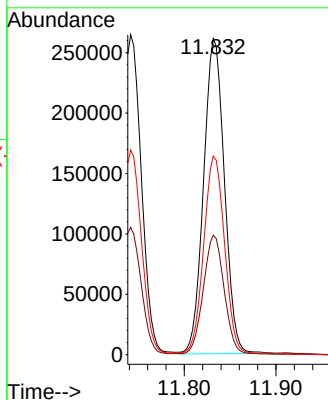
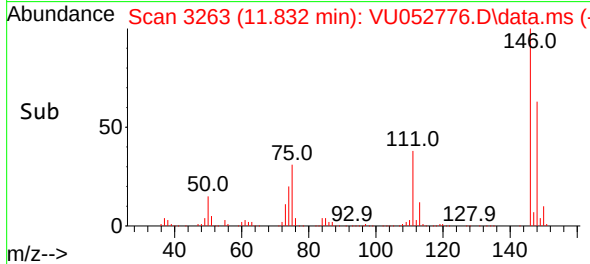
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



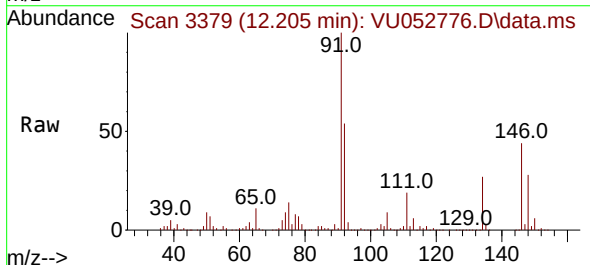
Tgt Ion:146 Resp: 411438
Ion Ratio Lower Upper
146 100
111 37.9 29.5 44.3
148 63.1 51.4 77.0

Manual Integrations
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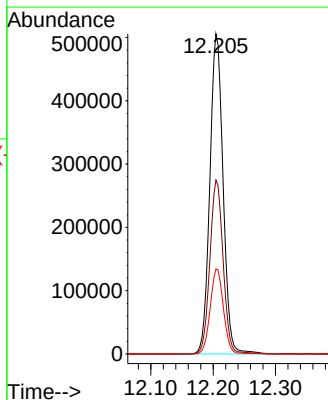
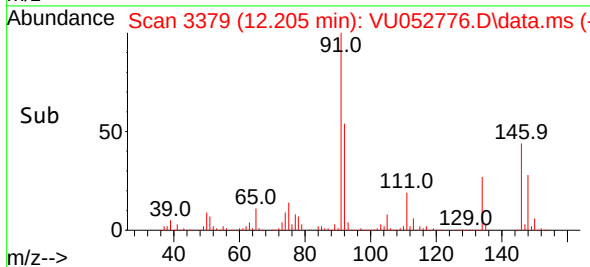
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

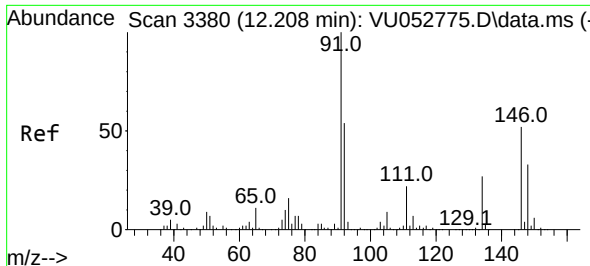


#84
n-Butylbenzene
Concen: 16.839 ug/l
RT: 12.205 min Scan# 3379
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06



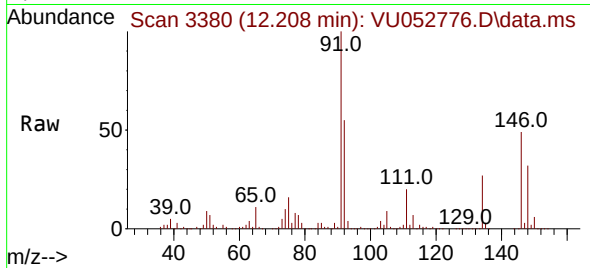
Tgt Ion: 91 Resp: 747795
Ion Ratio Lower Upper
91 100
92 54.2 43.4 65.0
134 26.5 21.2 31.8





#85
1,2-Dichlorobenzene
Concen: 13.749 ug/l
RT: 12.208 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

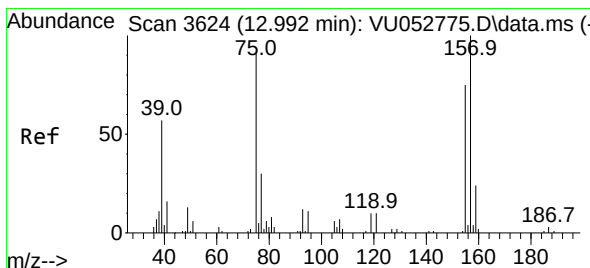
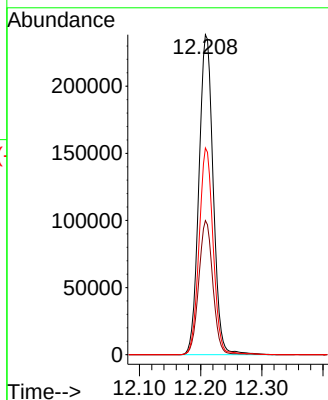
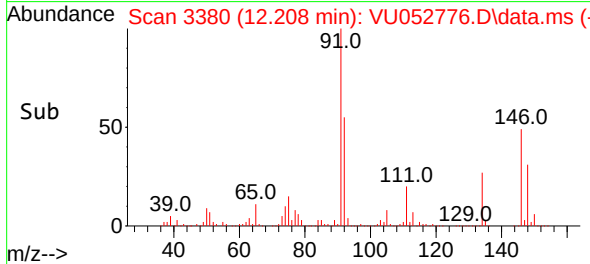
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



Tgt Ion:146 Resp: 38558
Ion Ratio Lower Upper
146 100
111 41.4 20.8 62.5
148 63.7 31.4 94.2

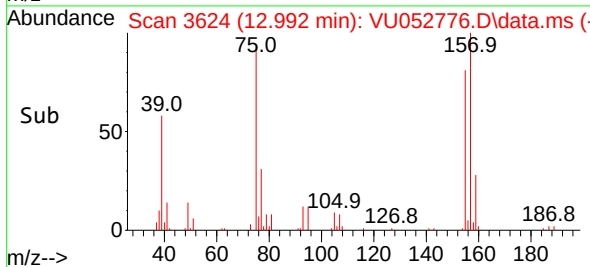
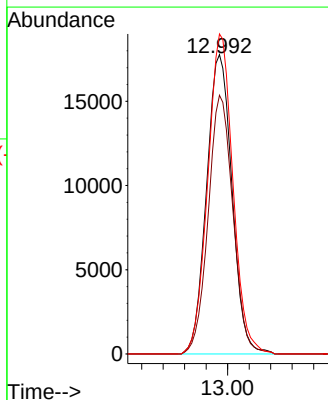
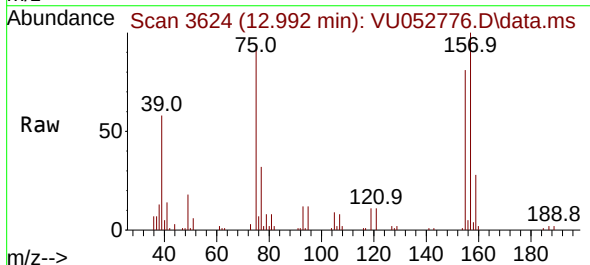
Manual Integrations
APPROVED

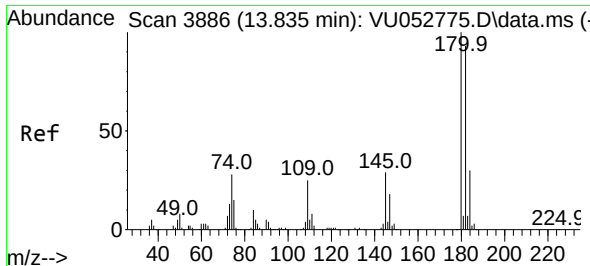
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#86
1,2-Dibromo-3-Chloropropane
Concen: 15.076 ug/l
RT: 12.992 min Scan# 3624
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

Tgt Ion: 75 Resp: 29158
Ion Ratio Lower Upper
75 100
155 84.3 66.0 99.0
157 105.9 85.9 128.9





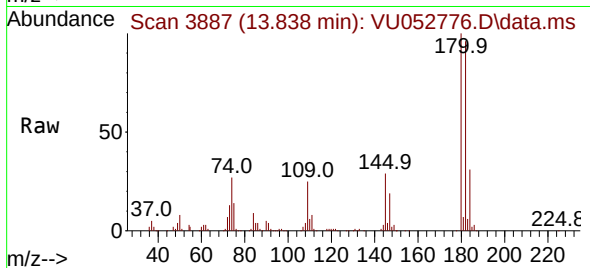
#87
1,2,4-Trichlorobenzene
Concen: 12.779 ug/l
RT: 13.838 min Scan# 3887
Delta R.T. 0.003 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015



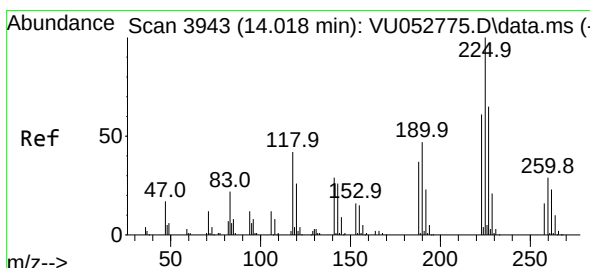
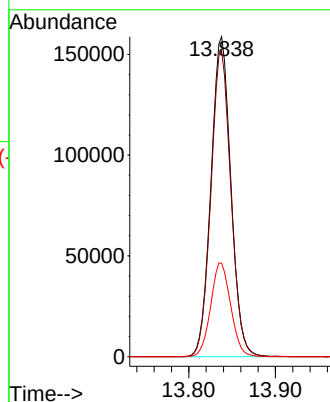
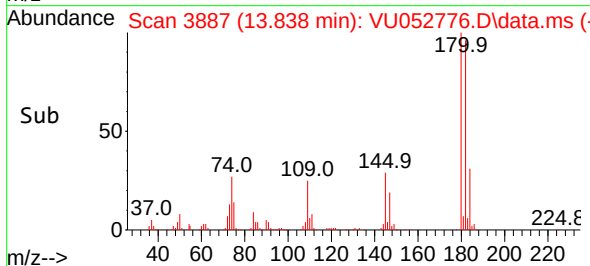
Tgt Ion:180 Resp: 253670
Ion Ratio Lower Upper
180 100
182 95.8 74.6 112.0
145 29.4 23.4 35.0

Manual Integrations

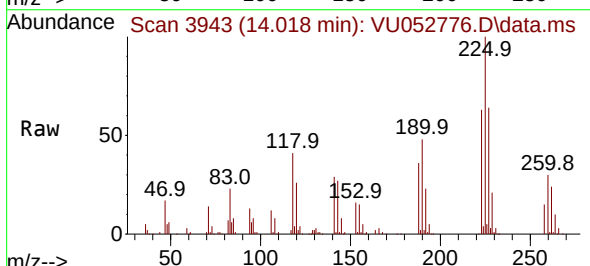
APPROVED

Reviewed By :Krupa Patel 01/24/2023

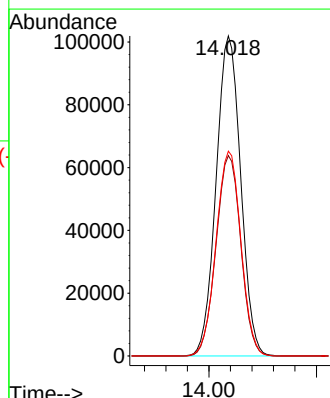
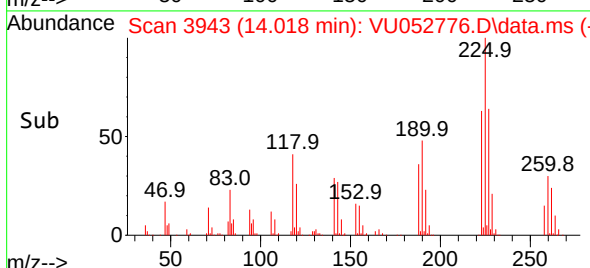
Supervised By :Mahesh Dadoda 01/24/2023

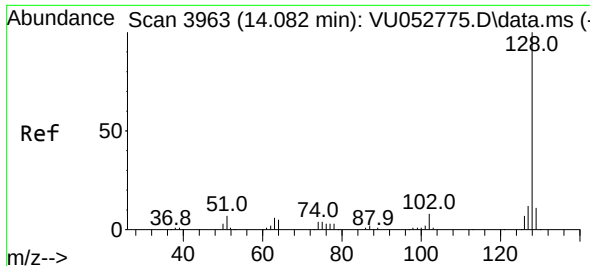


#88
Hexachlorobutadiene
Concen: 13.524 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06



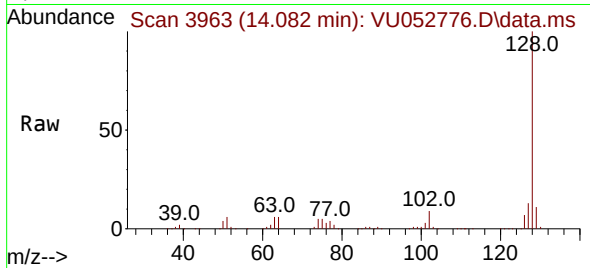
Tgt Ion:225 Resp: 161738
Ion Ratio Lower Upper
225 100
223 63.0 49.8 74.6
227 64.8 51.5 77.3





#89
Naphthalene
Concen: 14.565 ug/l
RT: 14.082 min Scan# 3963
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06

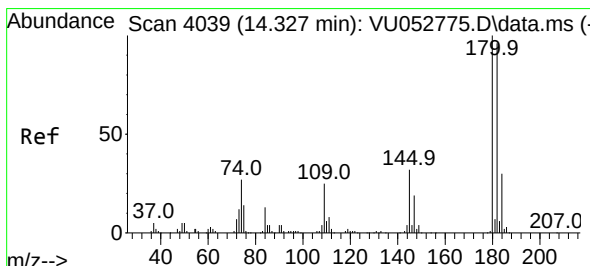
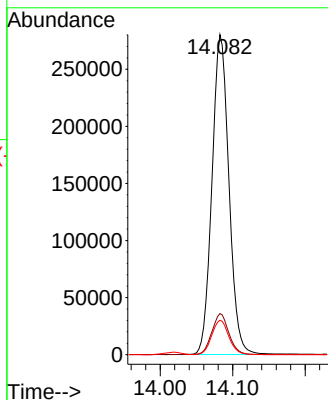
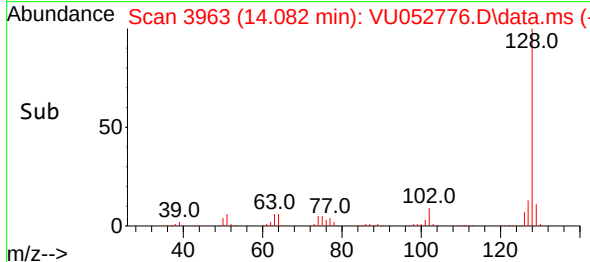
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



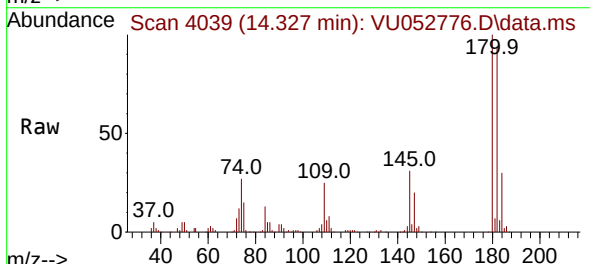
Tgt Ion:128 Resp: 454321
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#90
1,2,3-Trichlorobenzene
Concen: 12.957 ug/l
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU052776.D
Acq: 23 Jan 2023 14:06



Tgt Ion:180 Resp: 239321
Ion Ratio Lower Upper
180 100
182 94.6 77.8 116.6
145 31.2 25.2 37.8

