

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052622\
 Data File : VU048674.D
 Acq On : 26 May 2022 12:10
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC150

Quant Time: May 27 05:36:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 05:29:21 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/27/2022
 Supervised By : Mahesh Dadoda 05/27/2022

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	233796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	381737	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	369536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	207881	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.700	65	516039	146.971	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 293.940%#	
35) Dibromofluoromethane	5.288	113	400613	147.100	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 294.200%#	
50) Toluene-d8	7.899	98	1467308	150.302	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 300.600%#	
62) 4-Bromofluorobenzene	10.632	95	600766	162.719	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 325.440%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.385	85	384295	143.584	ug/l	97
3) Chloromethane	1.520	50	471997	136.992	ug/l	98
4) Vinyl Chloride	1.604	62	473688	148.439	ug/l	98
5) Bromomethane	1.851	94	254659	127.887	ug/l	100
6) Chloroethane	1.922	64	245536	123.504	ug/l	99
7) Trichlorofluoromethane	2.131	101	663743	145.637	ug/l	98
8) Diethyl Ether	2.375	74	256686	152.622	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.578	101	354568	142.126	ug/l	100
10) Methyl Iodide	2.719	142	574283	174.553	ug/l	98
11) Tert butyl alcohol	3.195	59	677957m	1484.541	ug/l	
12) 1,1-Dichloroethene	2.578	96	350783	147.415	ug/l	98
13) Acrolein	2.485	56	223229	650.439	ug/l	99
14) Allyl chloride	2.922	41	676944	146.878	ug/l	99
15) Acrylonitrile	3.314	53	1498285	776.057	ug/l	99
16) Acetone	2.629	43	1236029	690.757	ug/l	100
17) Carbon Disulfide	2.790	76	958461	137.978	ug/l	99
18) Methyl Acetate	2.948	43	644546	143.466	ug/l	99
19) Methyl tert-butyl Ether	3.362	73	1380940	152.947	ug/l	100
20) Methylene Chloride	3.044	84	424884	139.633	ug/l	99
21) trans-1,2-Dichloroethene	3.350	96	384157	141.134	ug/l	96
22) Diisopropyl ether	3.993	45	1315445	154.729	ug/l	94
23) Vinyl Acetate	3.954	43	6051974	821.625	ug/l	100
24) 1,1-Dichloroethane	3.867	63	787230	147.438	ug/l	99
25) 2-Butanone	4.703	43	2039553	793.412	ug/l	99
26) 2,2-Dichloropropane	4.665	77	700518	146.239	ug/l	100
27) cis-1,2-Dichloroethene	4.665	96	464239	147.349	ug/l	99
28) Bromochloromethane	4.973	49	319526	152.568	ug/l	100
29) Tetrahydrofuran	5.050	42	1287782	782.623	ug/l	100
30) Chloroform	5.089	83	784847	146.906	ug/l	99
31) Cyclohexane	5.388	56	653620	147.715	ug/l	97
32) 1,1,1-Trichloroethane	5.317	97	715242	147.564	ug/l	99
36) 1,1-Dichloropropene	5.526	75	580247	145.983	ug/l	100
37) Ethyl Acetate	4.803	43	747610	144.284	ug/l	99
38) Carbon Tetrachloride	5.523	117	637709	139.846	ug/l	98
39) Methylcyclohexane	6.761	83	665026	159.569	ug/l	99
40) Benzene	5.774	78	1671753	142.463	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	400482	157.719	ug/l	99
42) 1,2-Dichloroethane	5.793	62	648483	141.173	ug/l	100
43) Isopropyl Acetate	5.909	43	1125918	154.381	ug/l	100
44) Trichloroethene	6.542	130	434346	143.670	ug/l	99
45) 1,2-Dichloropropane	6.790	63	467984	158.412	ug/l	99
46) Dibromomethane	6.919	93	326174	147.782	ug/l	99
47) Bromodichloromethane	7.105	83	647861	145.149	ug/l	98
48) Methyl methacrylate	6.960	41	540759	165.167	ug/l	99
49) 1,4-Dioxane	6.996	88	238931	3264.587	ug/l #	92
51) 4-Methyl-2-Pentanone	7.796	43	3933870	830.709	ug/l	100
52) Toluene	7.970	92	1075313	153.199	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	764524	158.787	ug/l	98
54) cis-1,3-Dichloropropene	7.607	75	789427	158.226	ug/l	99
55) 1,1,2-Trichloroethane	8.401	97	448499	144.781	ug/l	98
56) Ethyl methacrylate	8.333	69	776244	179.527	ug/l	99
57) 1,3-Dichloropropane	8.574	76	779084	149.429	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.465	63	932421	1101.889	ug/l	99
59) 2-Hexanone	8.690	43	3172117	815.925	ug/l	100
60) Dibromochloromethane	8.812	129	531323	153.011	ug/l	100
61) 1,2-Dibromoethane	8.925	107	503512	147.590	ug/l	99
64) Tetrachloroethene	8.555	164	376599	132.623	ug/l	98
65) Chlorobenzene	9.446	112	1177532	150.662	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.536	131	463567	156.259	ug/l	97
67) Ethyl Benzene	9.571	91	2130827	161.647	ug/l	100
68) m/p-Xylenes	9.693	106	1661197	322.211	ug/l	100
69) o-Xylene	10.102	106	827052	163.282	ug/l	99
70) Styrene	10.115	104	1421534	170.624	ug/l	100
71) Bromoform	10.291	173	460603	167.923	ug/l #	99
73) Isopropylbenzene	10.484	105	2149465	160.160	ug/l	99
74) N-amyl acetate	10.320	43	1066125	183.748	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	843787	154.066	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	1040952	181.792	ug/l	97
77) Bromobenzene	10.783	156	550565	152.753	ug/l	100
78) n-propylbenzene	10.906	91	2607559	163.055	ug/l	100
79) 2-Chlorotoluene	10.986	91	1542610	155.115	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	1899632	162.765	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	308961	167.368	ug/l	99
82) 4-Chlorotoluene	11.095	91	1836165	160.024	ug/l	99
83) tert-Butylbenzene	11.420	119	1876557	167.528	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	1931752	170.051	ug/l	100
85) sec-Butylbenzene	11.645	105	2340368	167.009	ug/l	99
86) p-Isopropyltoluene	11.793	119	2031680	168.826	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	1073160	151.862	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	1075013	147.240	ug/l	99
89) n-Butylbenzene	12.208	91	1872236	177.039	ug/l	99
90) Hexachloroethane	12.475	117	371945	151.444	ug/l	100
91) 1,2-Dichlorobenzene	12.214	146	1055759	147.889	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.995	75	242577	153.829	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	737631	157.458	ug/l	99
94) Hexachlorobutadiene	14.021	225	315682	140.590	ug/l	99
95) Naphthalene	14.085	128	2573564	177.125	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	726980	156.681	ug/l	100

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ClientSampleId :
VSTDICC150

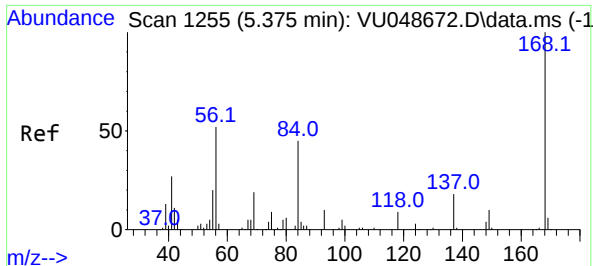
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/27/2022

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
QLast Update : Fri May 27 05:29:21 2022
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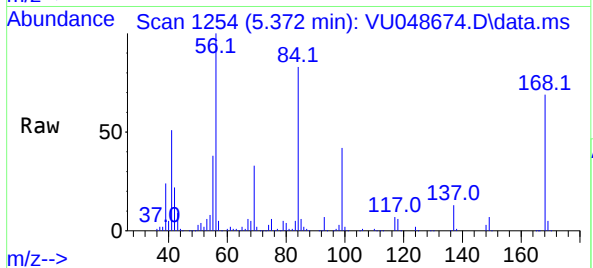
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048674.D
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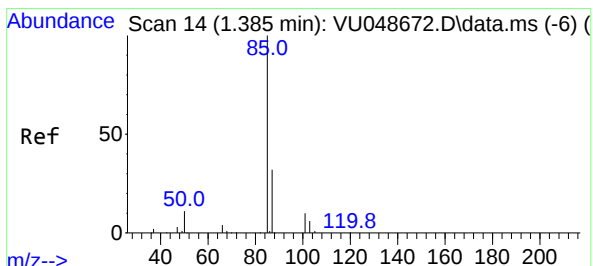
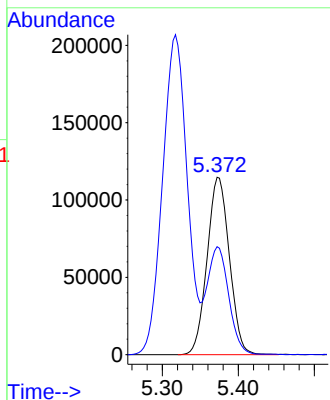
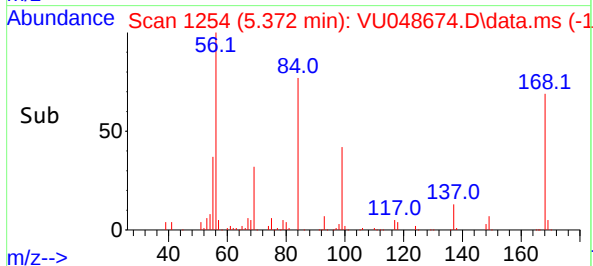
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150



Tgt Ion:168 Resp: 233790
Ion Ratio Lower Upper
168 100
99 60.6 49.3 73.9

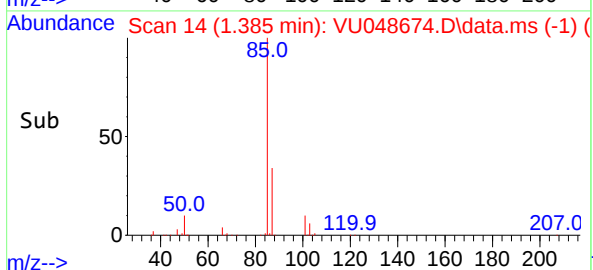
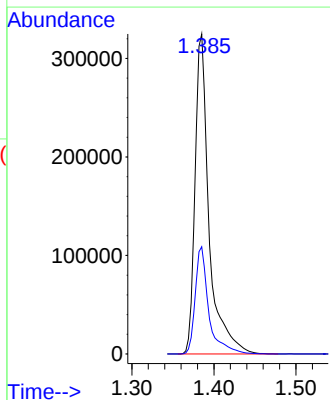
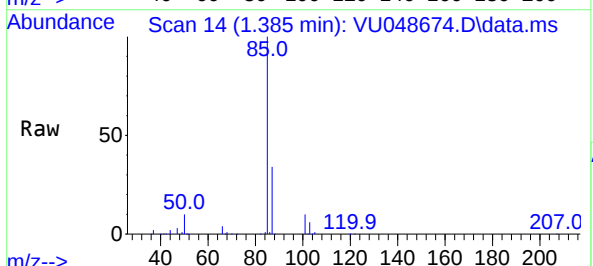
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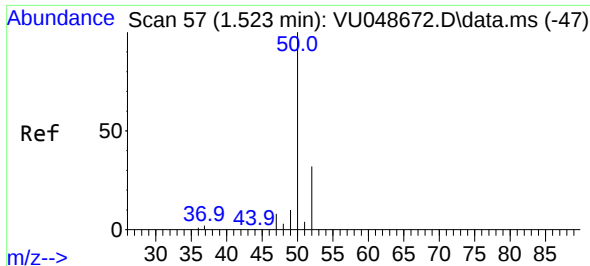
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#2
Dichlorodifluoromethane
Concen: 143.584 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

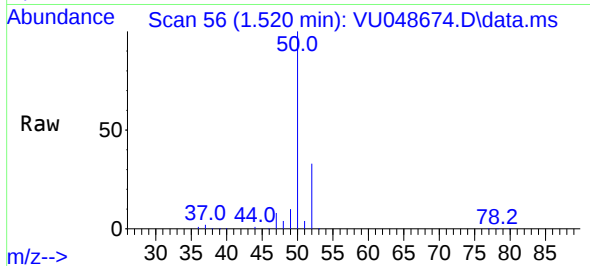
Tgt Ion: 85 Resp: 384295
Ion Ratio Lower Upper
85 100
87 33.5 16.0 48.0





#3
Chloromethane
Concen: 136.992 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

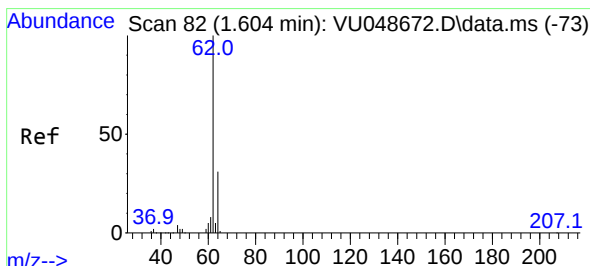
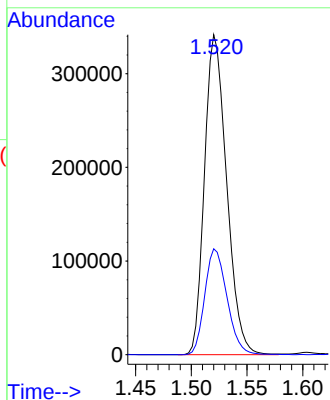
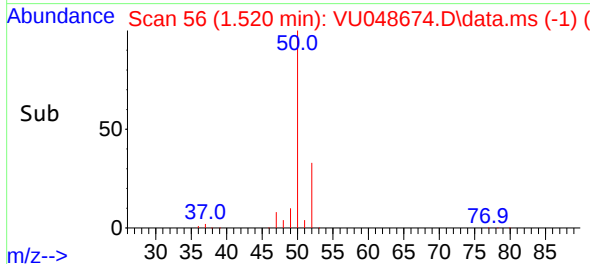
Instrument :
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ClientSampleId :
VSTDICC150



Tgt Ion: 50 Resp: 471997
Ion Ratio Lower Upper
50 100
52 33.1 25.7 38.5

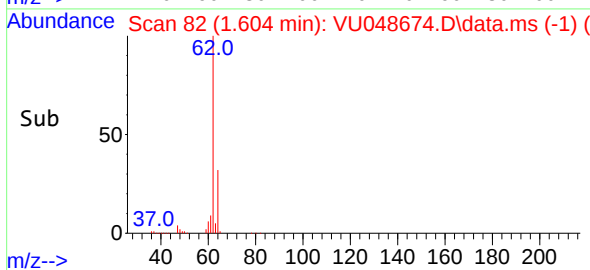
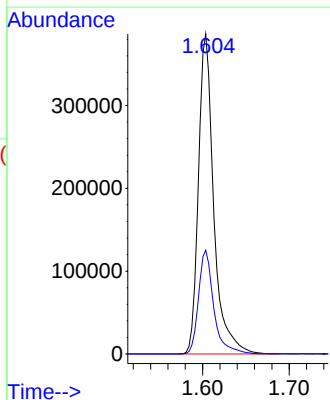
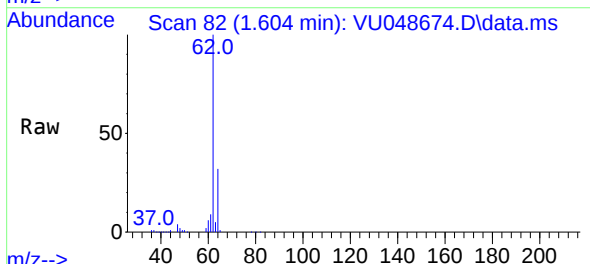
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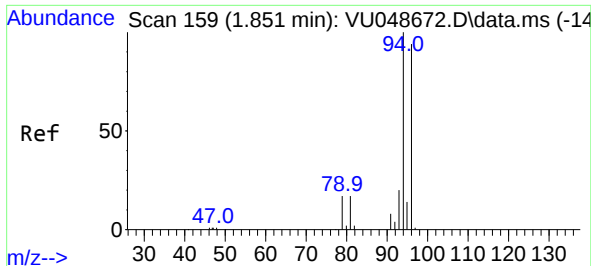
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#4
Vinyl Chloride
Concen: 148.439 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

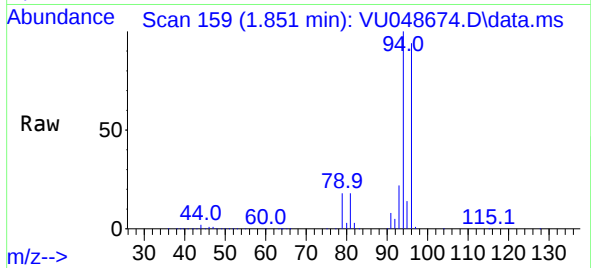
Tgt Ion: 62 Resp: 473688
Ion Ratio Lower Upper
62 100
64 32.5 25.2 37.8





#5
Bromomethane
Concen: 127.887 ug/l
RT: 1.851 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

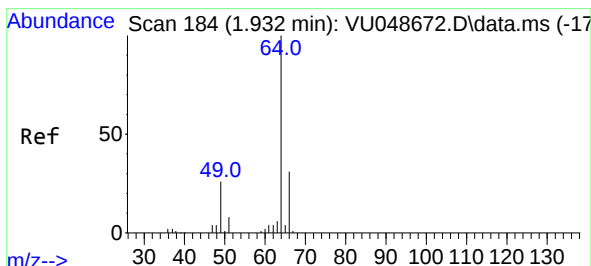
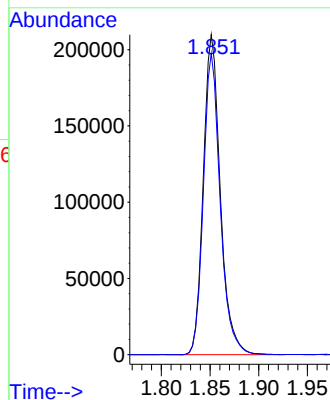
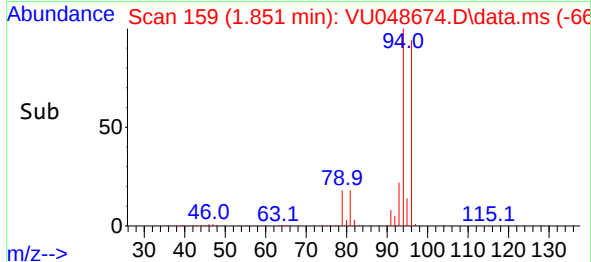
Instrument :
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Tgt Ion: 94 Resp: 254659
Ion Ratio Lower Upper
94 100
96 94.2 75.1 112.7

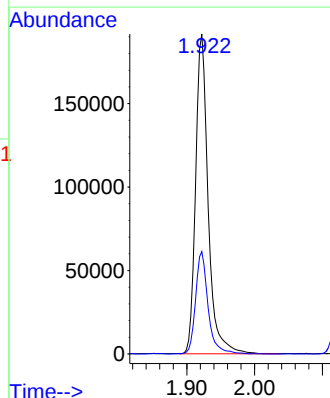
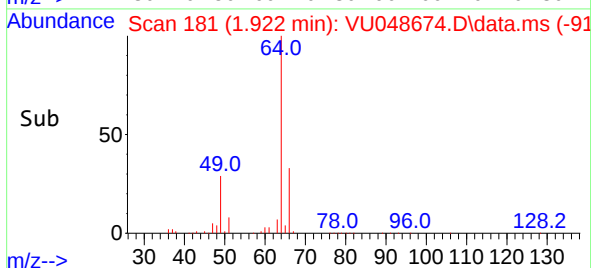
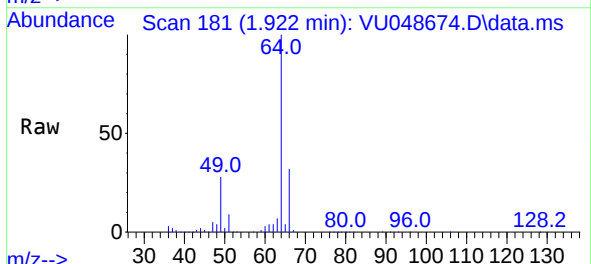
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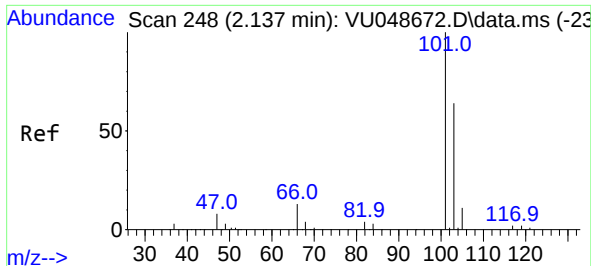
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#6
Chloroethane
Concen: 123.504 ug/l
RT: 1.922 min Scan# 181
Delta R.T. -0.010 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

Tgt Ion: 64 Resp: 245536
Ion Ratio Lower Upper
64 100
66 32.0 25.2 37.8





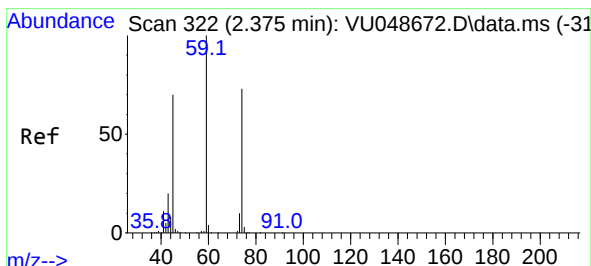
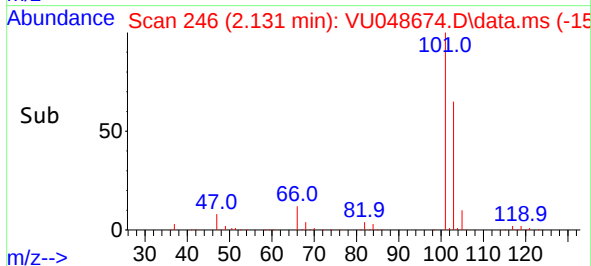
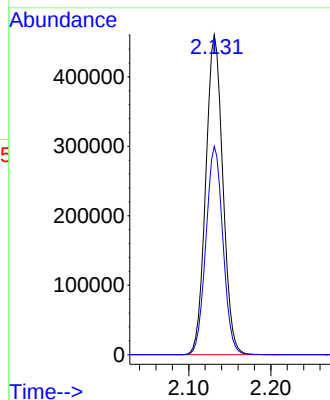
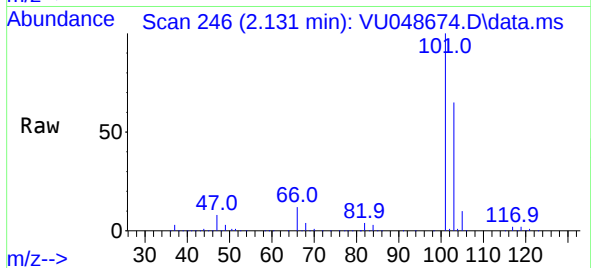
#7
Trichlorofluoromethane
Concen: 145.637 ug/l
RT: 2.131 min Scan# 248
Delta R.T. -0.007 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 66374
Ion Ratio Lower Upper
101 100
103 65.1 51.0 76.4

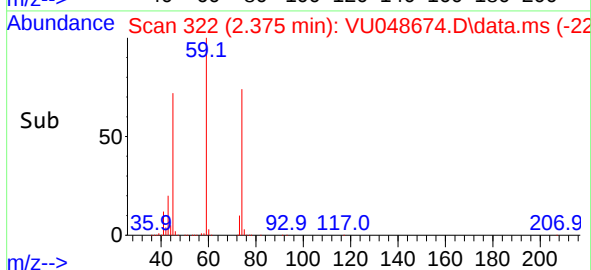
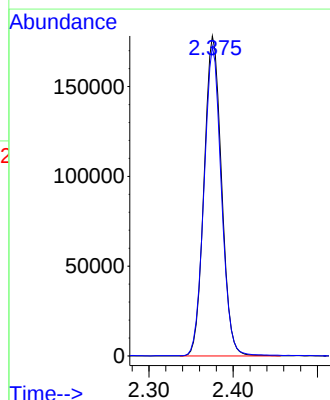
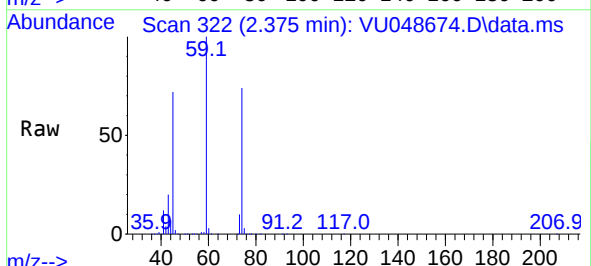
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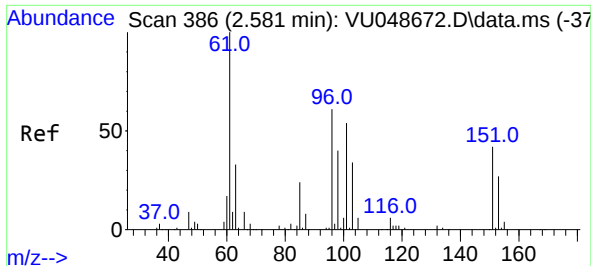
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#8
Diethyl Ether
Concen: 152.622 ug/l
RT: 2.375 min Scan# 322
Delta R.T. -0.000 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

Tgt Ion: 74 Resp: 256686
Ion Ratio Lower Upper
74 100
45 96.4 47.7 143.1





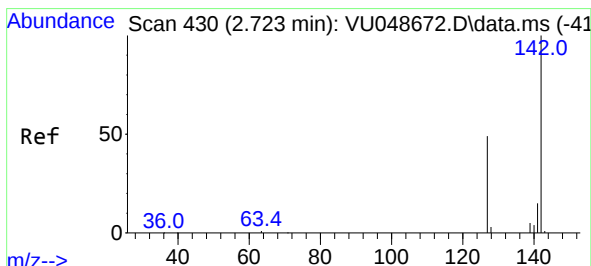
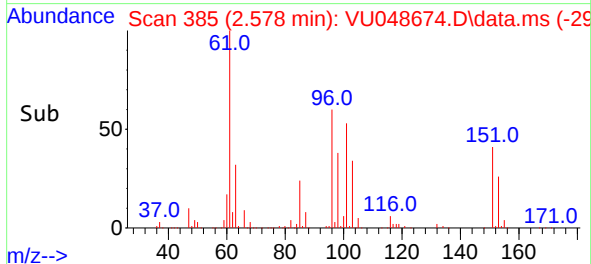
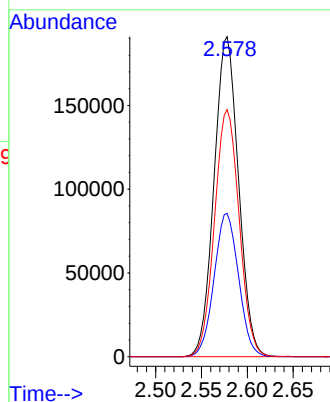
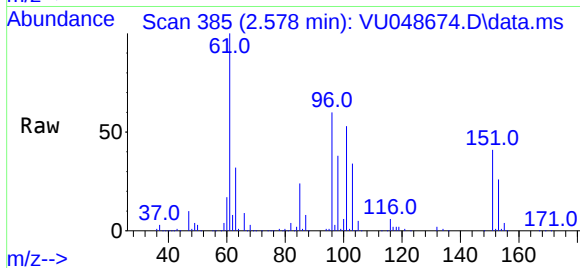
#9
1,1,2-Trichlorotrifluoroethane
Concen: 142.126 ug/l
RT: 2.578 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 35456
Ion Ratio Lower Upper
101 100
85 44.9 35.4 53.2
151 77.9 62.5 93.7

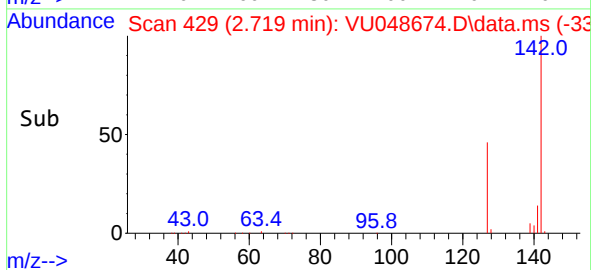
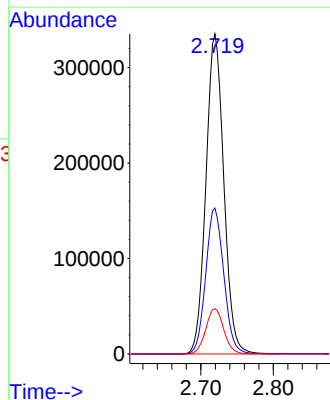
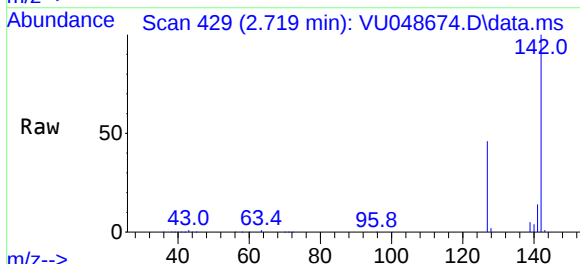
Manual Integrations
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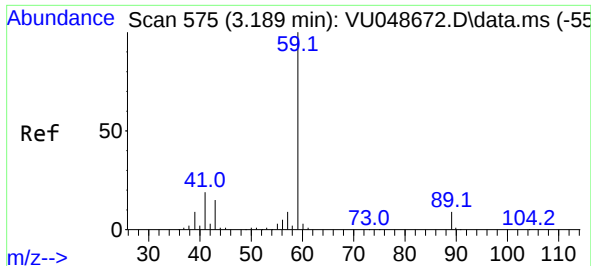
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#10
Methyl Iodide
Concen: 174.553 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.003 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

Tgt Ion:142 Resp: 574283
Ion Ratio Lower Upper
142 100
127 46.1 38.4 57.6
141 14.3 11.5 17.3





#11

Tert butyl alcohol

Concen: 1484.541 ug/l m

RT: 3.195 min Scan# 51

Delta R.T. 0.006 min

Lab File: VU048674.D

Acq: 26 May 2022 12:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

Tgt Ion: 59 Resp: 67795

Ion Ratio Lower Upper

59 100

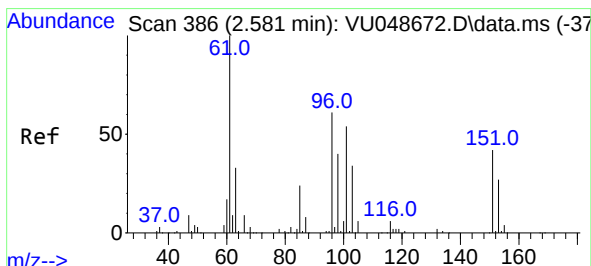
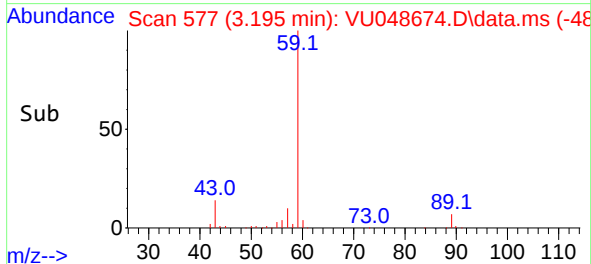
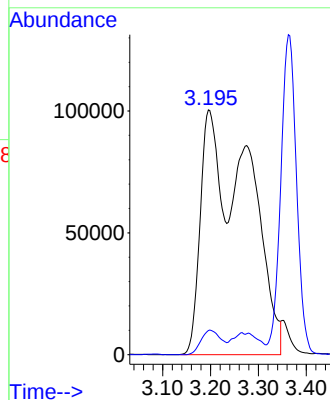
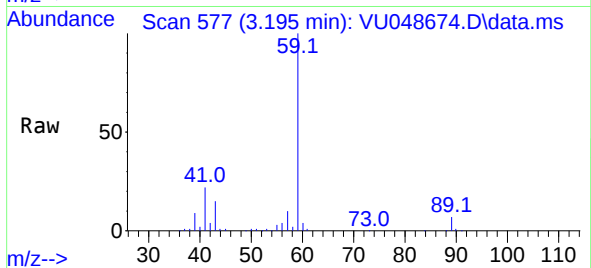
57 4.4 39.7 59.5

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Reviewed By :John Carlone 05/27/2022

Supervised By :Mahesh Dadoda 05/27/2022



#12

1,1-Dichloroethene

Concen: 147.415 ug/l

RT: 2.578 min Scan# 385

Delta R.T. -0.003 min

Lab File: VU048674.D

Acq: 26 May 2022 12:10

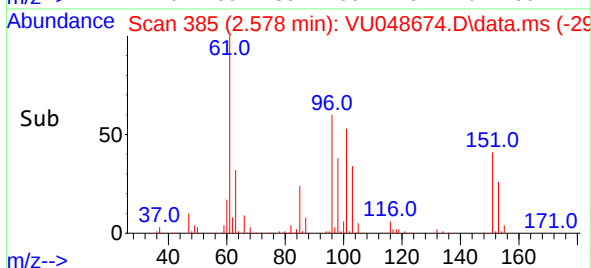
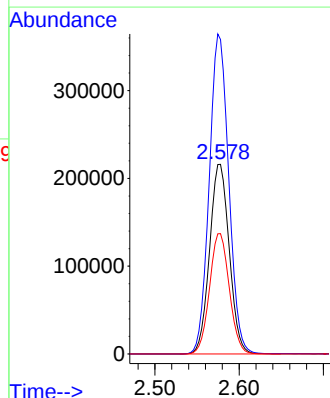
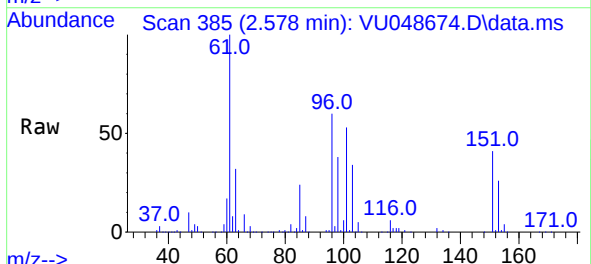
Tgt Ion: 96 Resp: 350783

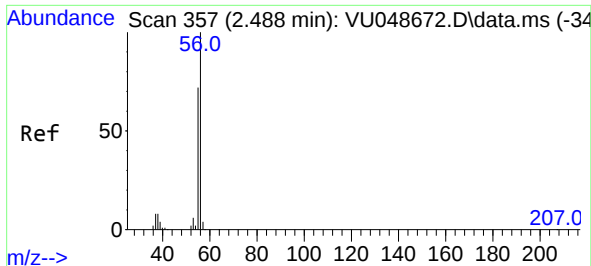
Ion Ratio Lower Upper

96 100

61 165.8 131.1 196.7

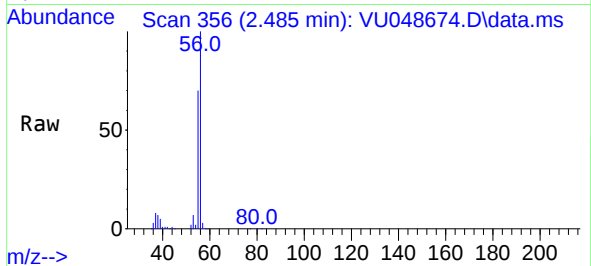
98 63.4 51.8 77.8





#13
Acrolein
Concen: 650.439 ug/l
RT: 2.485 min Scan# 356
Delta R.T. -0.003 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

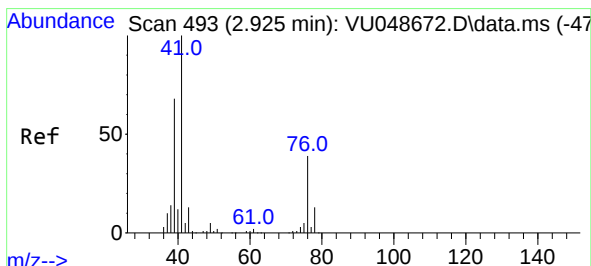
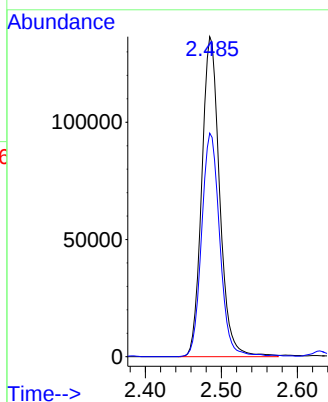
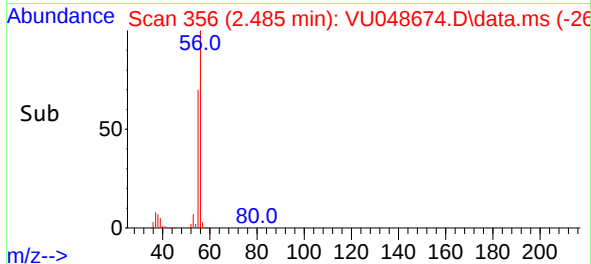
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 223229
Ion Ratio Lower Upper
56 100
55 70.9 57.7 86.5

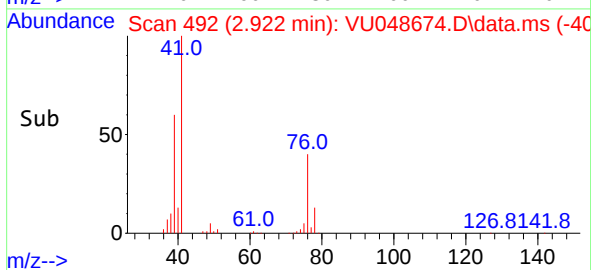
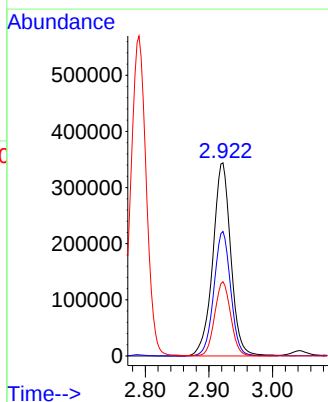
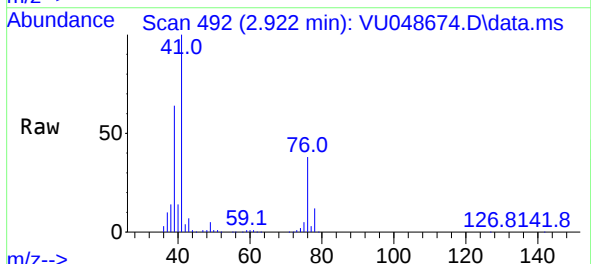
Manual Integrations
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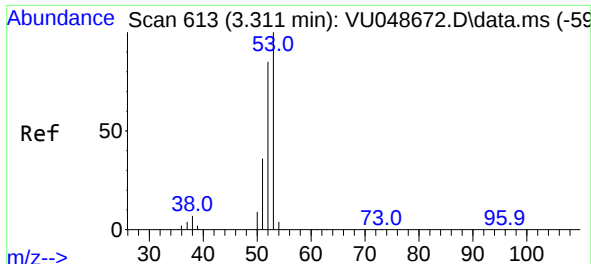
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#14
Allyl chloride
Concen: 146.878 ug/l
RT: 2.922 min Scan# 492
Delta R.T. -0.003 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

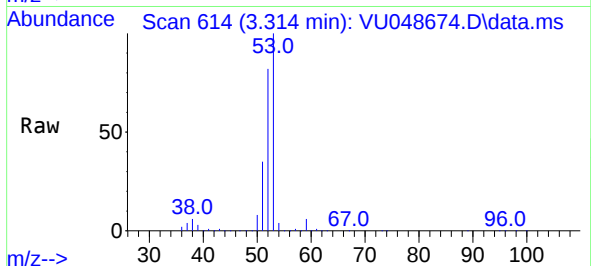
Tgt Ion: 41 Resp: 676944
Ion Ratio Lower Upper
41 100
39 59.9 48.6 72.8
76 33.9 27.0 40.4





#15
Acrylonitrile
Concen: 776.057 ug/l
RT: 3.314 min Scan# 613
Delta R.T. 0.003 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

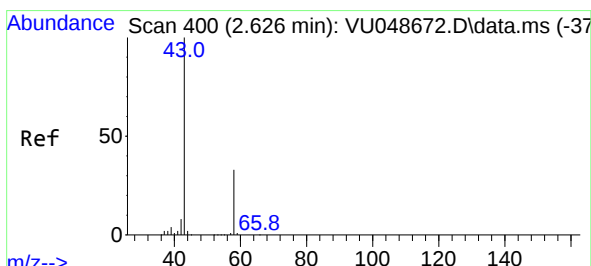
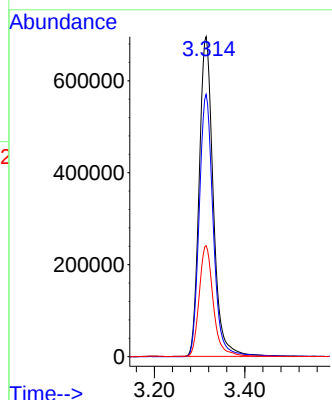
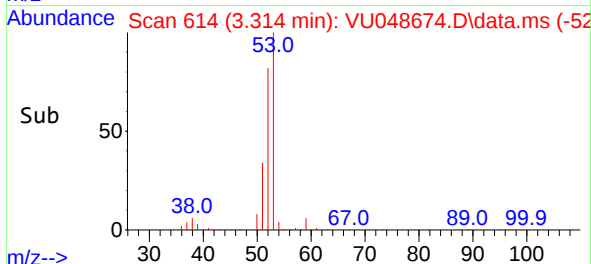
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150



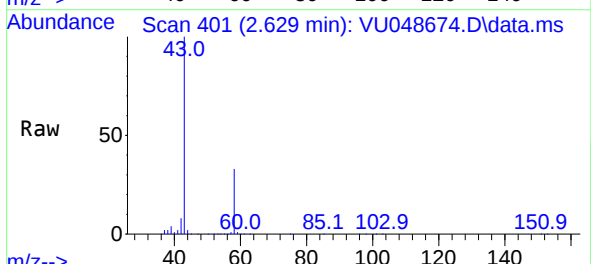
Tgt Ion: 53 Resp: 149828
Ion Ratio Lower Upper
53 100
52 81.9 66.3 99.5
51 34.9 28.6 42.8

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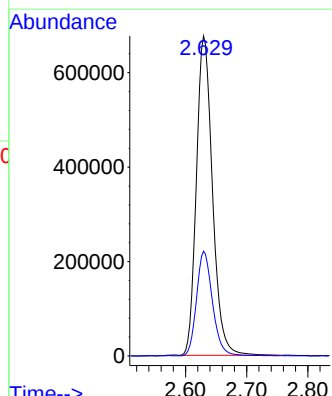
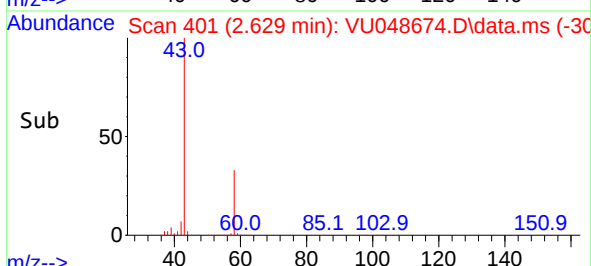
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

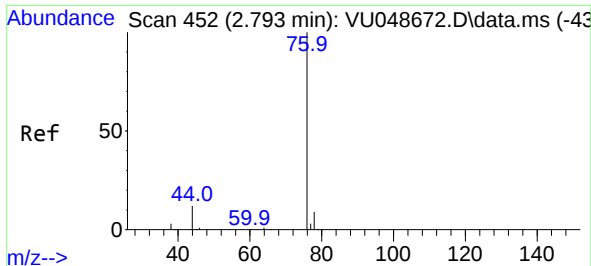


#16
Acetone
Concen: 690.757 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.003 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10



Tgt Ion: 43 Resp: 1236029
Ion Ratio Lower Upper
43 100
58 32.8 26.3 39.5





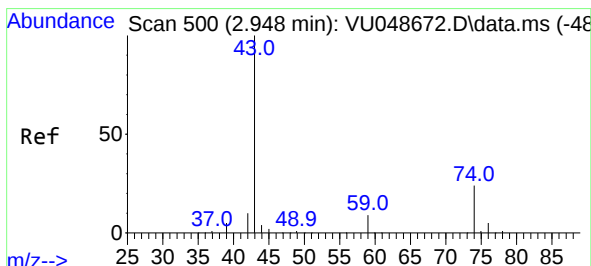
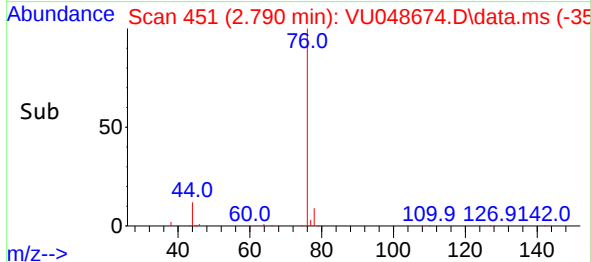
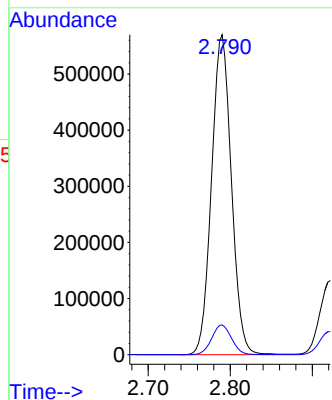
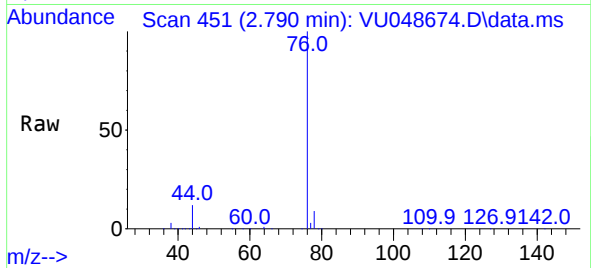
#17
Carbon Disulfide
Concen: 137.978 ug/l
RT: 2.790 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 76 Resp: 95846
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

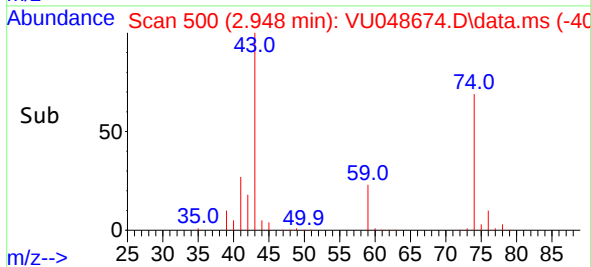
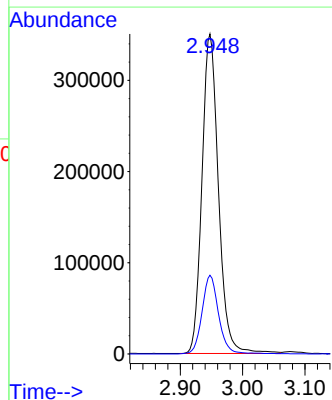
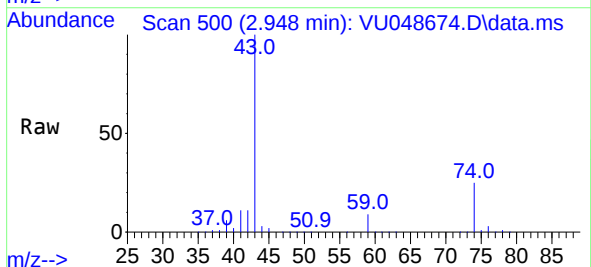
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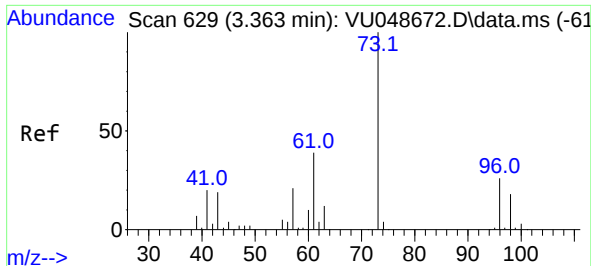
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#18
Methyl Acetate
Concen: 143.466 ug/l
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

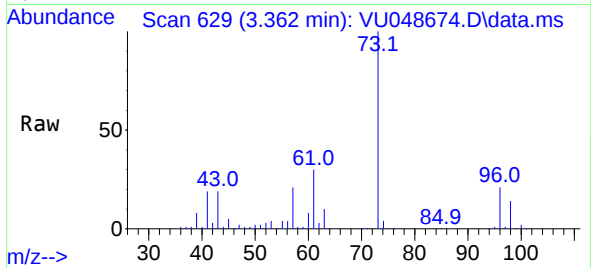
Tgt Ion: 43 Resp: 644546
Ion Ratio Lower Upper
43 100
74 24.5 19.2 28.8





#19
Methyl tert-butyl Ether
Concen: 152.947 ug/l
RT: 3.362 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

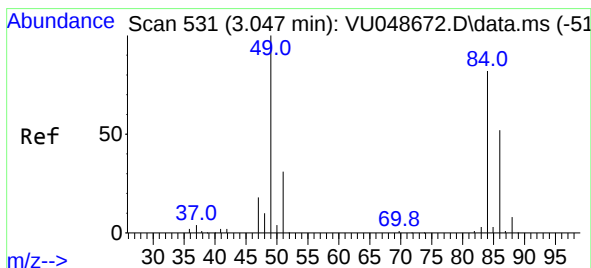
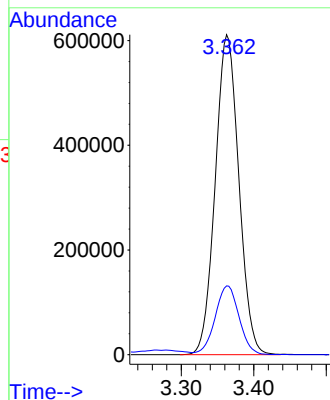
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



Tgt Ion: 73 Resp: 1380940
Ion Ratio Lower Upper
73 100
57 21.4 17.1 25.7

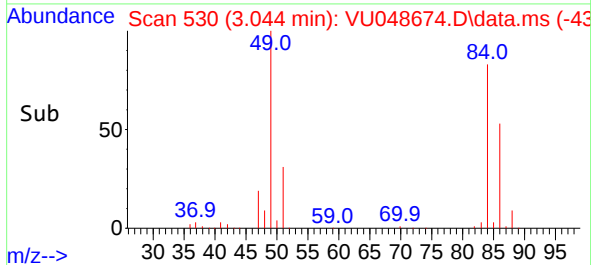
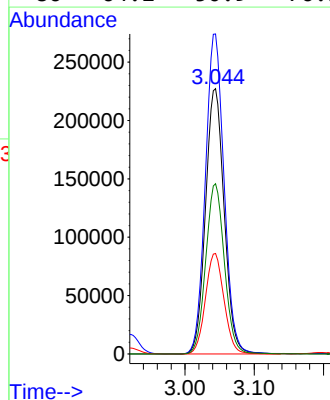
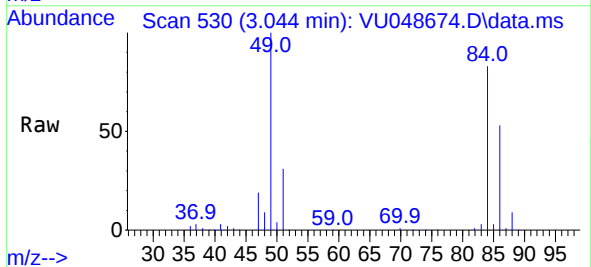
Manual Integrations
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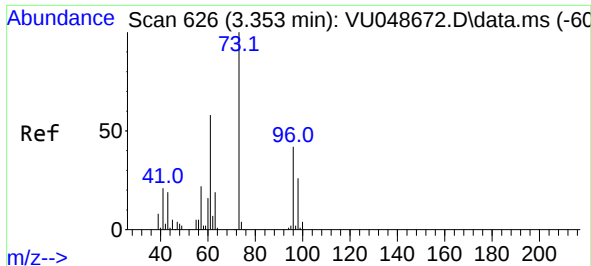
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#20
Methylene Chloride
Concen: 139.633 ug/l
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

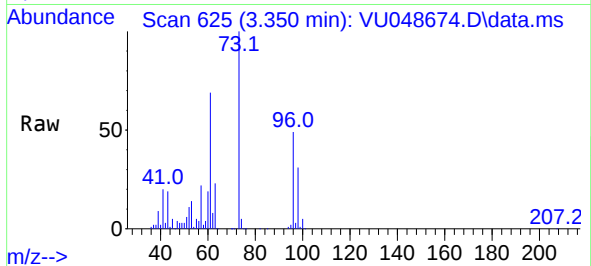
Tgt Ion: 84 Resp: 424884
Ion Ratio Lower Upper
84 100
49 120.6 97.0 145.4
51 37.9 29.8 44.8
86 64.2 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 141.134 ug/l
RT: 3.350 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

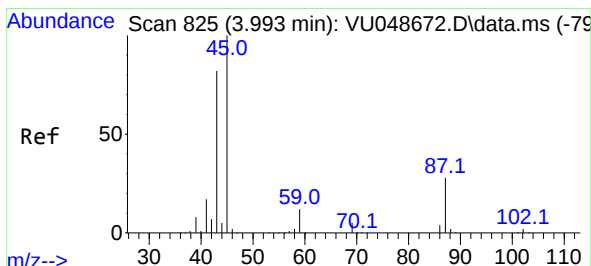
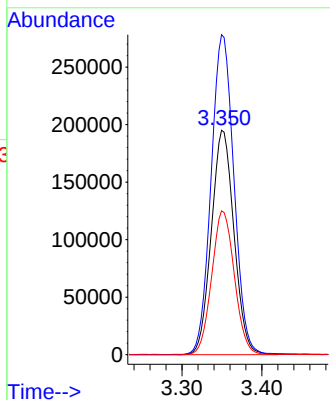
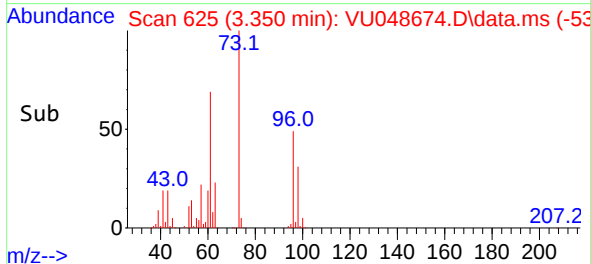
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



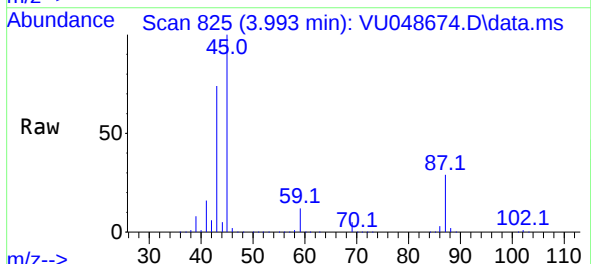
Tgt Ion: 96 Resp: 38415
Ion Ratio Lower Upper
96 100
61 142.4 109.4 164.2
98 64.1 48.9 73.3

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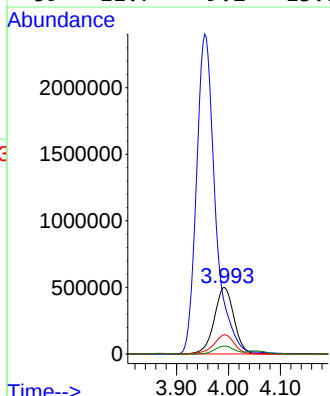
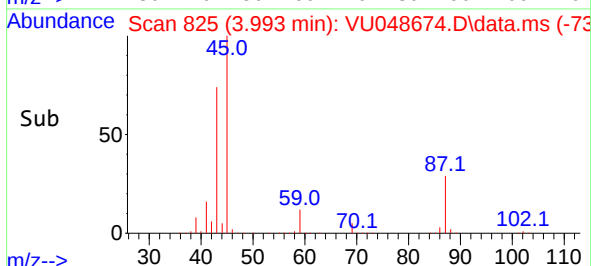
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

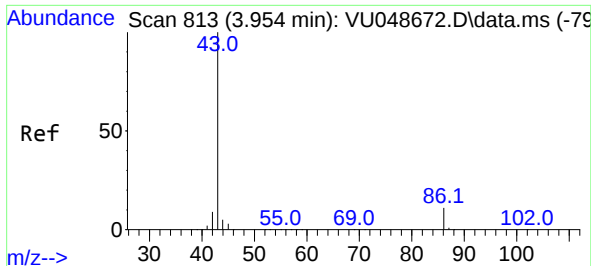


#22
Diisopropyl ether
Concen: 154.729 ug/l
RT: 3.993 min Scan# 825
Delta R.T. -0.000 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10



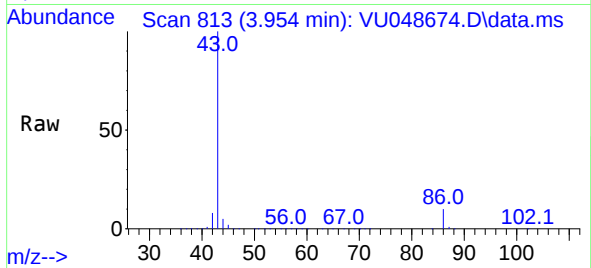
Tgt Ion: 45 Resp: 1315445
Ion Ratio Lower Upper
45 100
43 74.2 65.2 97.8
87 28.8 22.7 34.1
59 11.7 9.2 13.8





#23
 Vinyl Acetate
 Concen: 821.625 ug/l
 RT: 3.954 min Scan# 813
 Delta R.T. -0.000 min
 Lab File: VU048674.D
 Acq: 26 May 2022 12:10

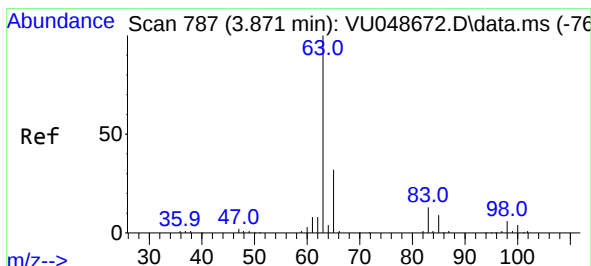
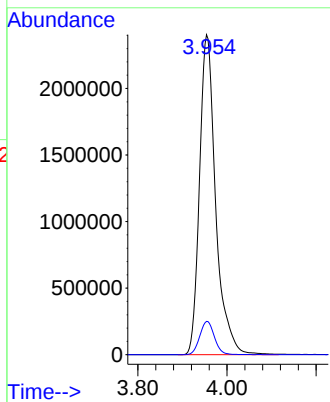
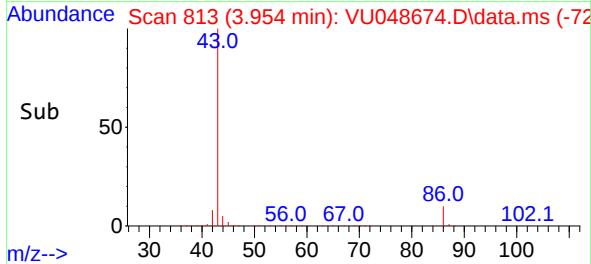
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150



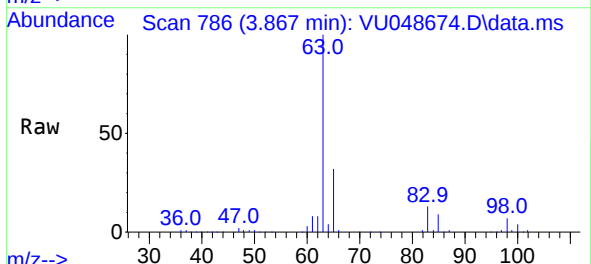
Tgt Ion: 43 Resp: 6051974
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.4 12.6

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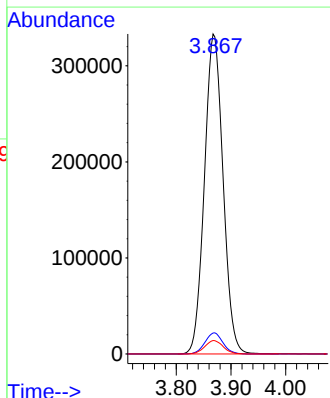
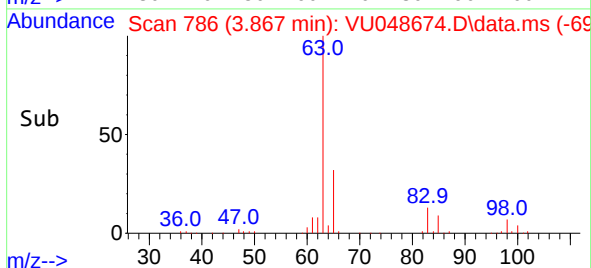
Reviewed By :John Carlone 05/27/2022
 Supervised By :Mahesh Dadoda 05/27/2022

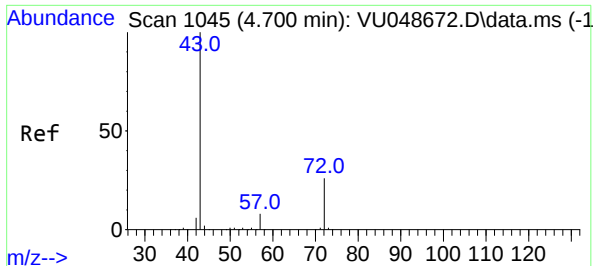


#24
 1,1-Dichloroethane
 Concen: 147.438 ug/l
 RT: 3.867 min Scan# 786
 Delta R.T. -0.003 min
 Lab File: VU048674.D
 Acq: 26 May 2022 12:10



Tgt Ion: 63 Resp: 787230
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.1 9.3
 100 4.2 2.0 5.8





#25

2-Butanone

Concen: 793.412 ug/l

RT: 4.703 min Scan# 1046

Delta R.T. 0.003 min

Lab File: VU048674.D

Acq: 26 May 2022 12:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 203955

Ion Ratio Lower Upper

43 100

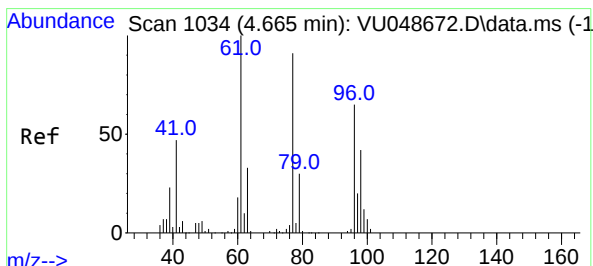
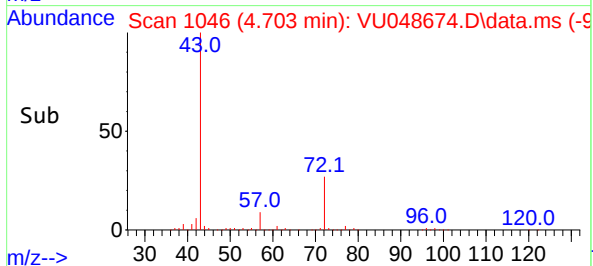
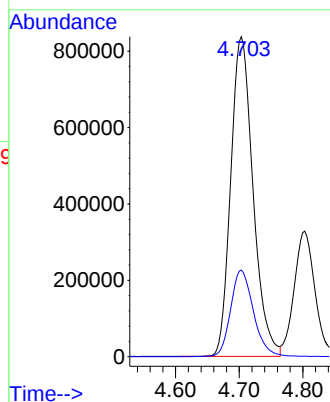
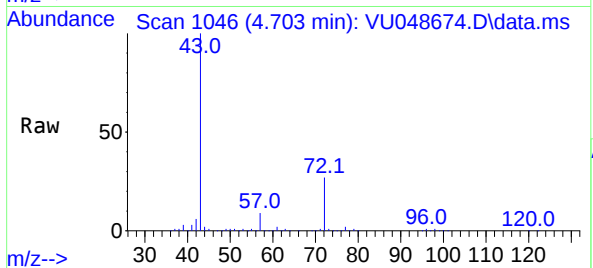
72 27.1 21.1 31.7

Manual Integrations

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Reviewed By :John Carlone 05/27/2022

Supervised By :Mahesh Dadoda 05/27/2022



#26

2,2-Dichloropropane

Concen: 146.239 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU048674.D

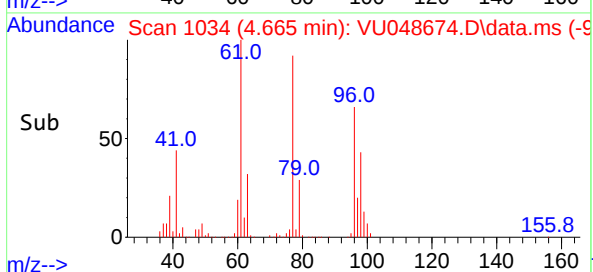
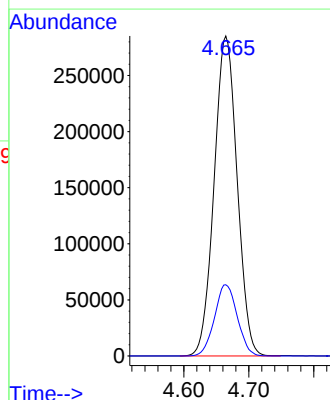
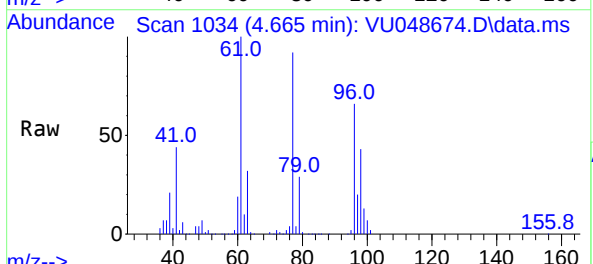
Acq: 26 May 2022 12:10

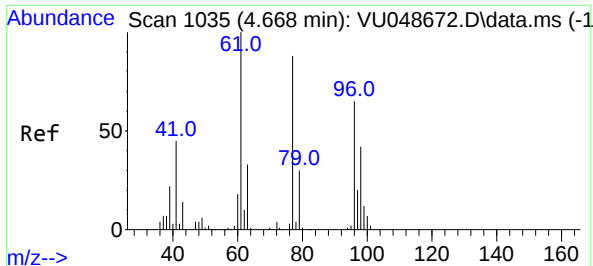
Tgt Ion: 77 Resp: 700518

Ion Ratio Lower Upper

77 100

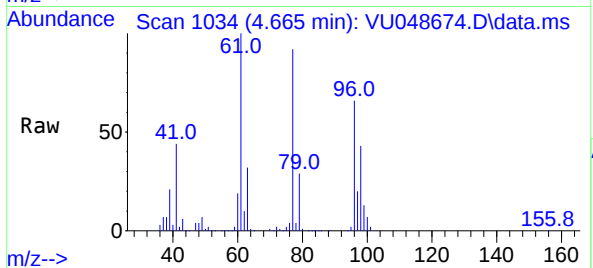
97 22.0 11.1 33.1





#27
cis-1,2-Dichloroethene
Concen: 147.349 ug/l
RT: 4.665 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

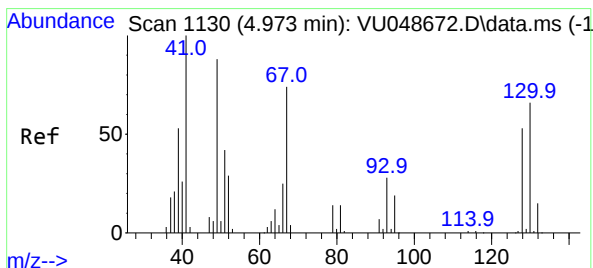
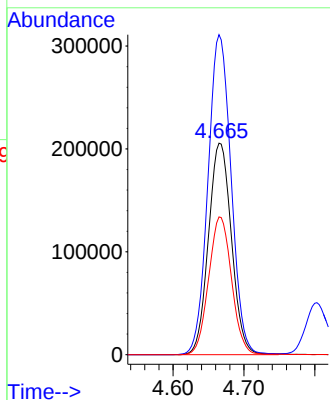
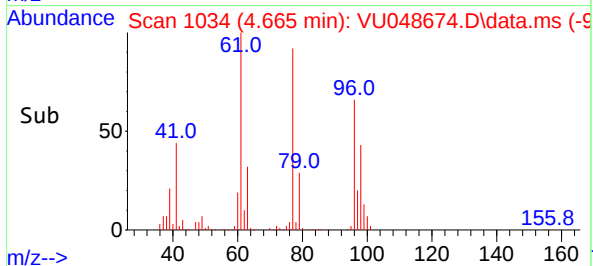
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



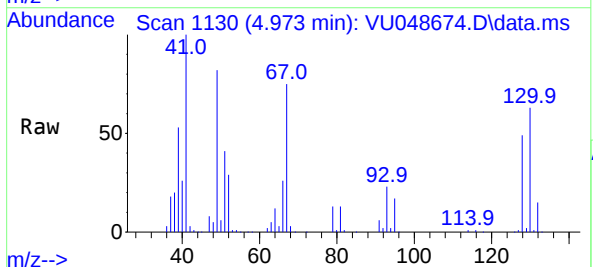
Tgt Ion: 96 Resp: 464239
Ion Ratio Lower Upper
96 100
61 152.0 0.0 306.2
98 64.8 0.0 130.4

Manual Integrations
APPROVED

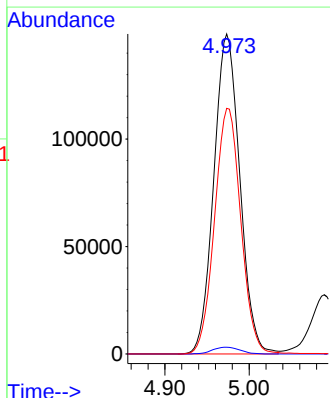
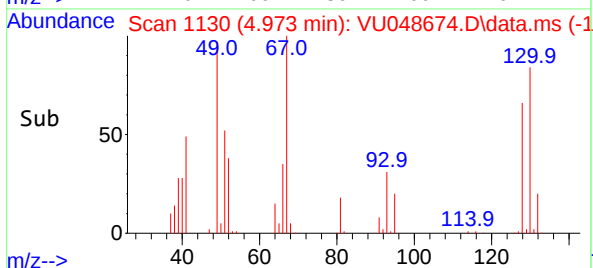
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

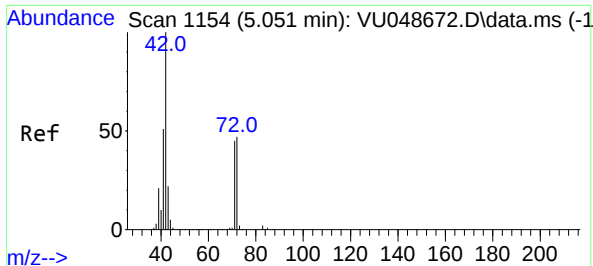


#28
Bromochloromethane
Concen: 152.568 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10



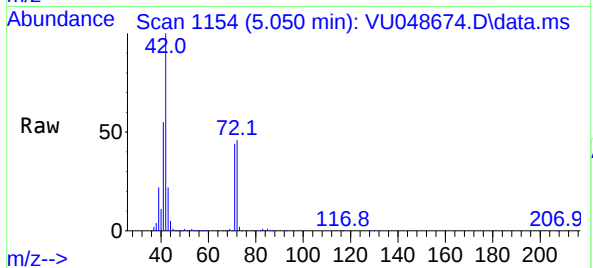
Tgt Ion: 49 Resp: 319526
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.0
130 77.3 62.1 93.1





#29
Tetrahydrofuran
Concen: 782.623 ug/l
RT: 5.050 min Scan# 1154
Delta R.T. -0.000 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

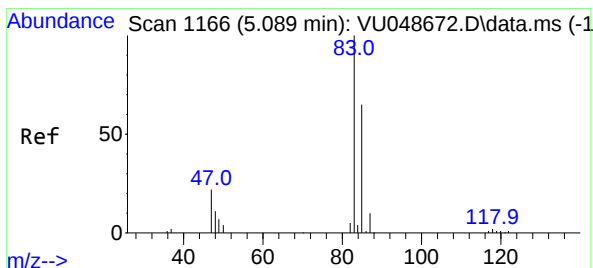
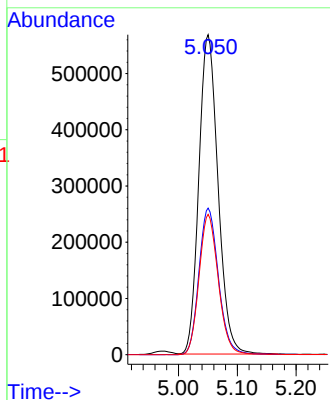
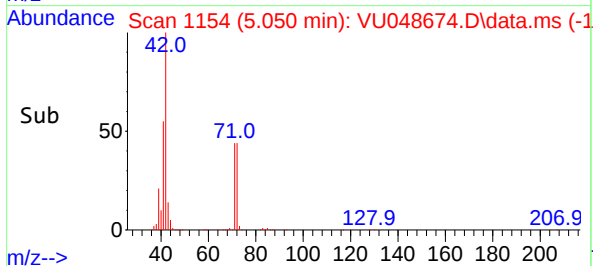
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



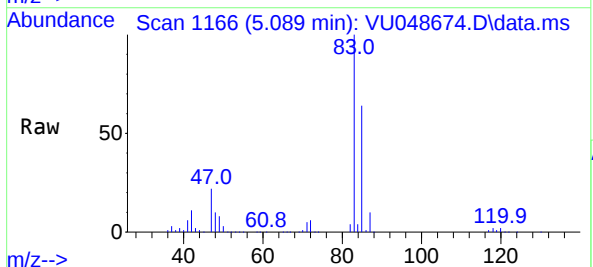
Tgt Ion: 42 Resp: 128778
Ion Ratio Lower Upper
42 100
72 46.8 37.6 56.4
71 44.0 35.0 52.4

Manual Integrations
APPROVED

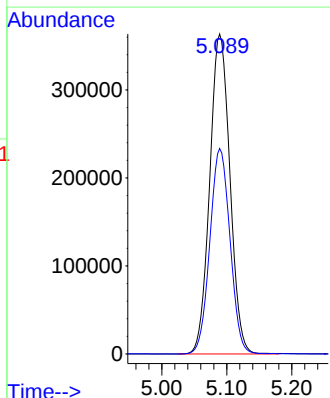
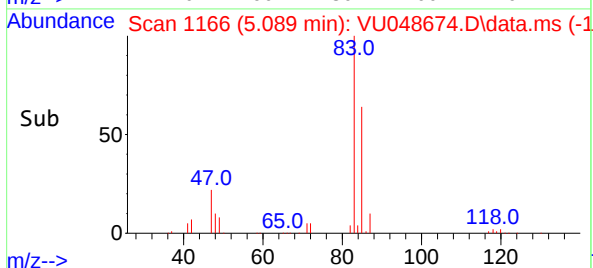
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

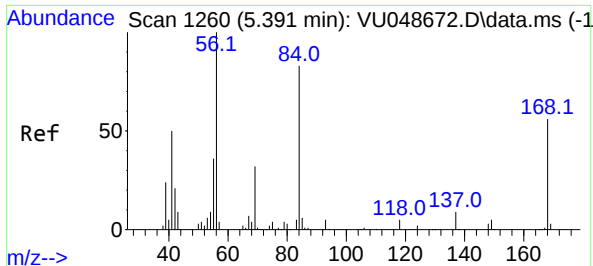


#30
Chloroform
Concen: 146.906 ug/l
RT: 5.089 min Scan# 1166
Delta R.T. -0.000 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10



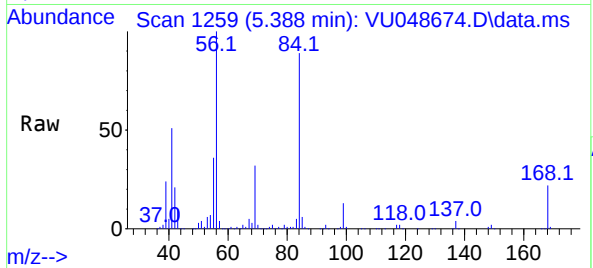
Tgt Ion: 83 Resp: 784847
Ion Ratio Lower Upper
83 100
85 64.2 52.2 78.2





#31
Cyclohexane
Concen: 147.715 ug/l
RT: 5.388 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

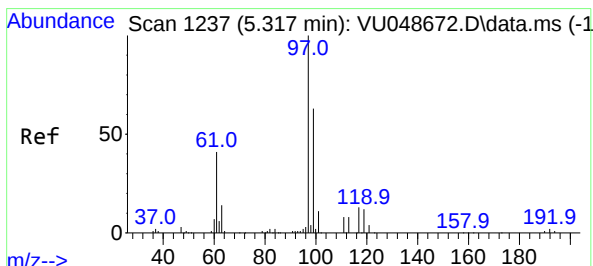
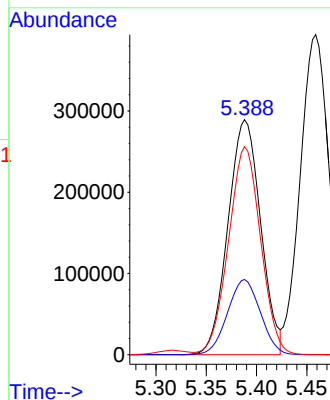
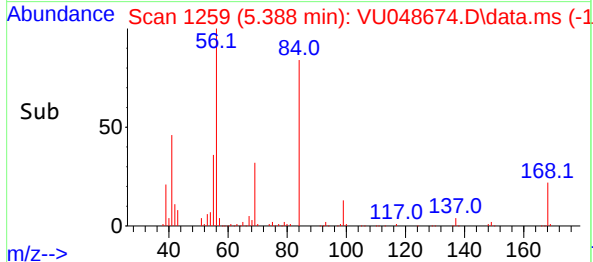
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



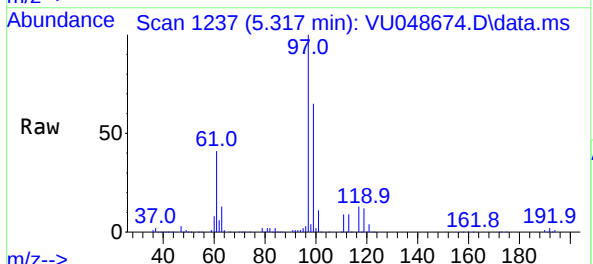
Tgt Ion: 56 Resp: 653620
Ion Ratio Lower Upper
56 100
69 32.0 25.6 38.4
84 87.0 66.2 99.4

Manual Integrations
APPROVED

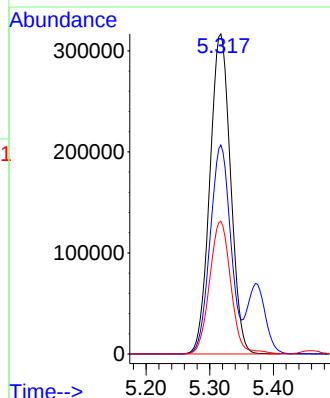
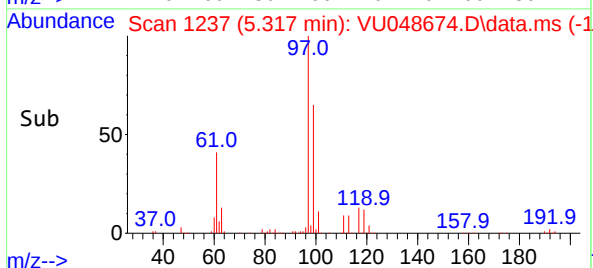
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

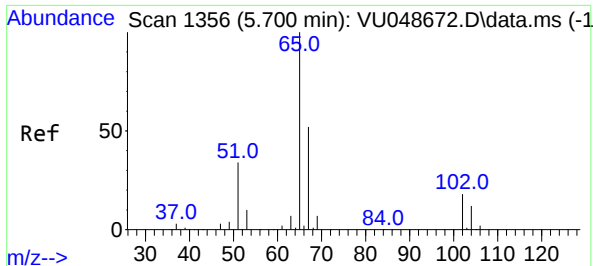


#32
1,1,1-Trichloroethane
Concen: 147.564 ug/l
RT: 5.317 min Scan# 1237
Delta R.T. -0.000 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10



Tgt Ion: 97 Resp: 715242
Ion Ratio Lower Upper
97 100
99 64.9 51.6 77.4
61 42.6 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 146.971 ug/l

RT: 5.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048674.D

Acq: 26 May 2022 12:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 516039

Ion Ratio Lower Upper

65 100

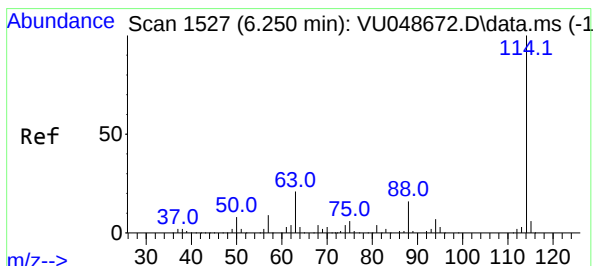
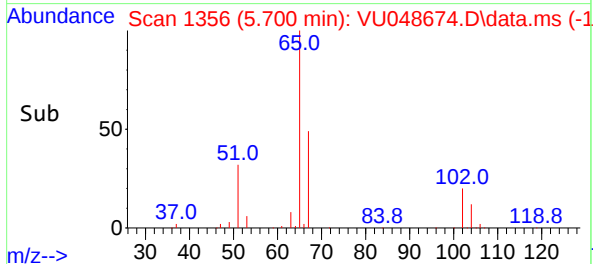
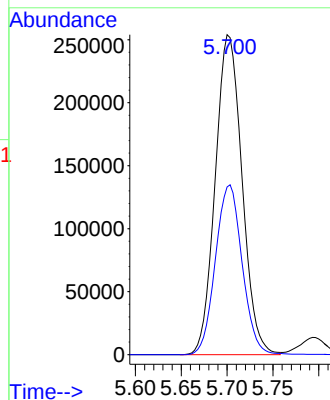
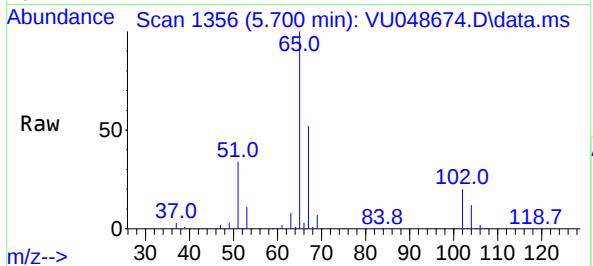
67 52.9 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/27/2022

Supervised By :Mahesh Dadoda 05/27/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.000 min

Lab File: VU048674.D

Acq: 26 May 2022 12:10

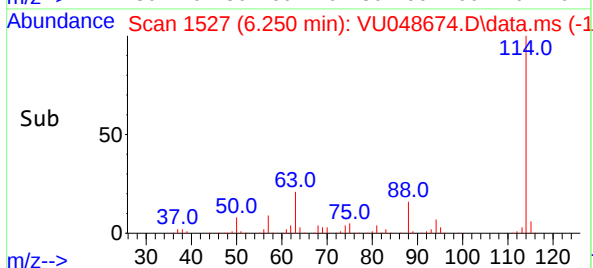
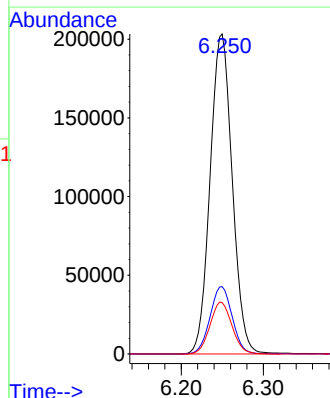
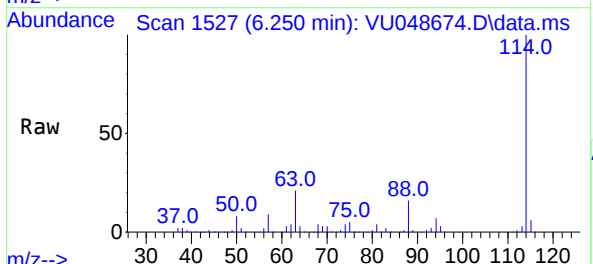
Tgt Ion:114 Resp: 381737

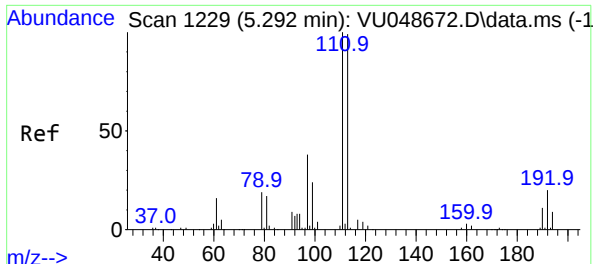
Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.6

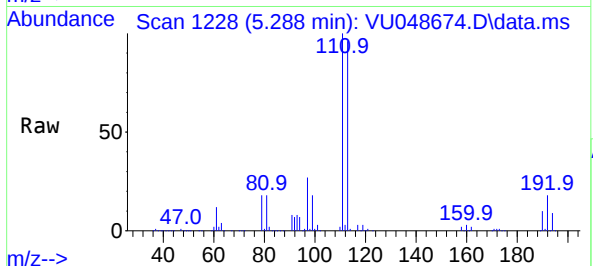
88 16.1 0.0 32.2





#35
Dibromofluoromethane
Concen: 147.100 ug/l
RT: 5.288 min Scan# 1113
Delta R.T. -0.003 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

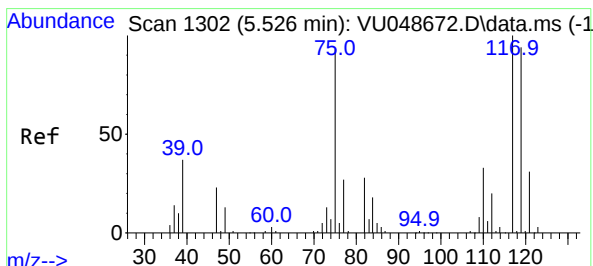
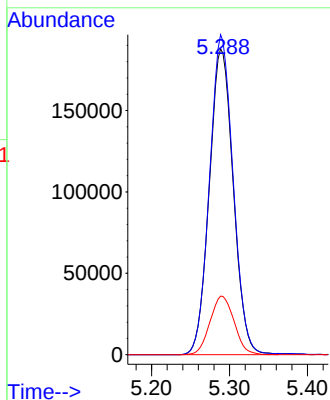
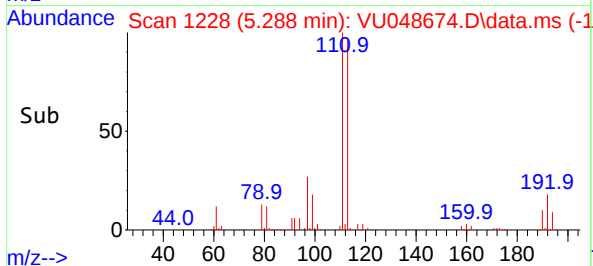
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150



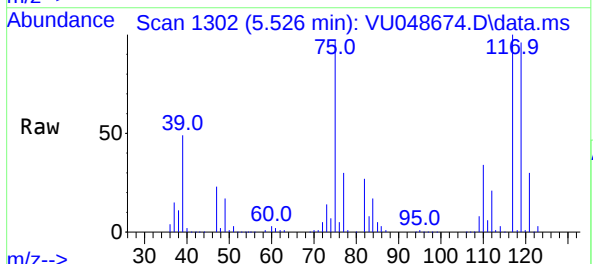
Tgt Ion:113 Resp: 400611
Ion Ratio Lower Upper
113 100
111 103.0 80.7 121.1
192 19.3 15.9 23.9

Manual Integrations
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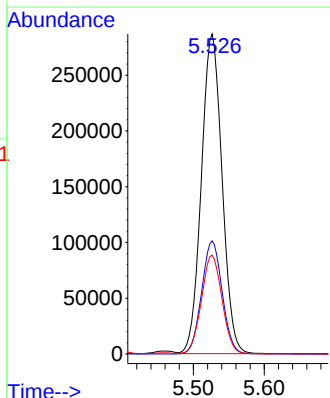
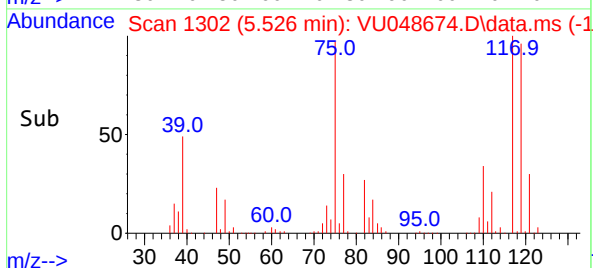
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

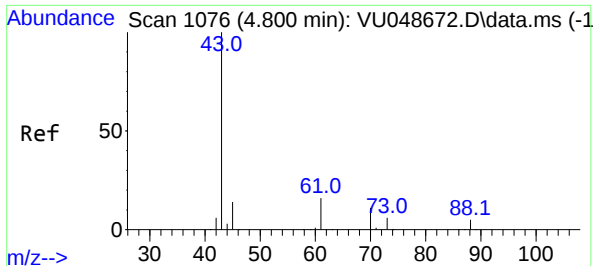


#36
1,1-Dichloropropene
Concen: 145.983 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10



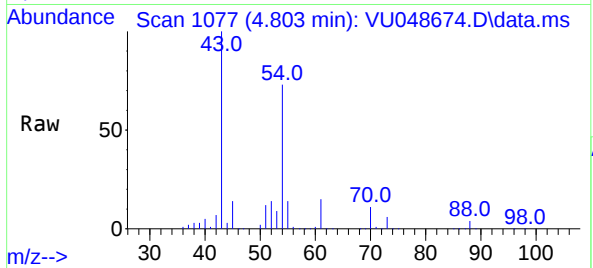
Tgt Ion: 75 Resp: 580247
Ion Ratio Lower Upper
75 100
110 35.0 17.4 52.3
77 30.9 24.8 37.2





#37
Ethyl Acetate
Concen: 144.284 ug/l
RT: 4.803 min Scan# 1076
Delta R.T. 0.003 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

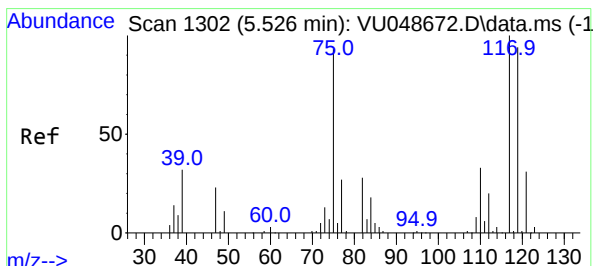
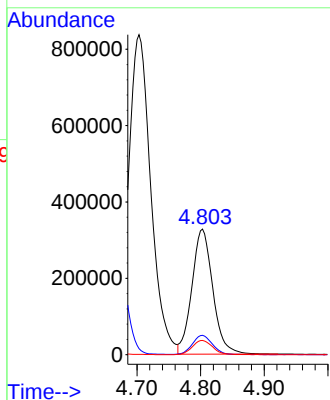
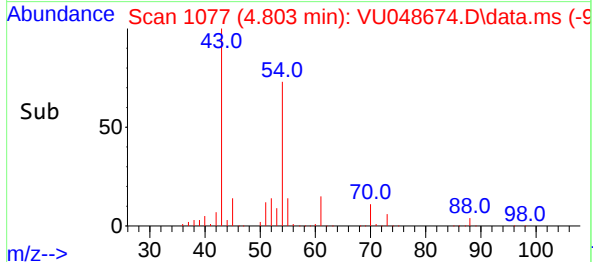
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150



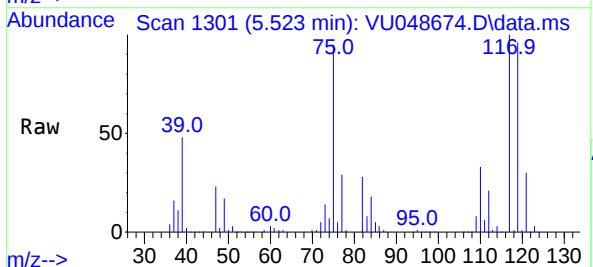
Tgt Ion: 43 Resp: 747610
Ion Ratio Lower Upper
43 100
61 15.0 11.7 17.5
70 11.0 8.4 12.6

Manual Integrations
APPROVED

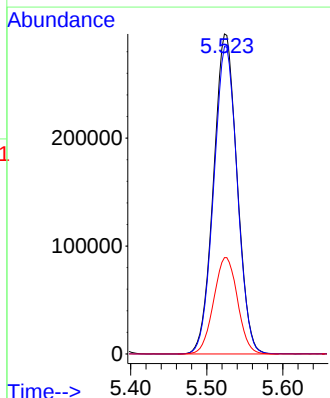
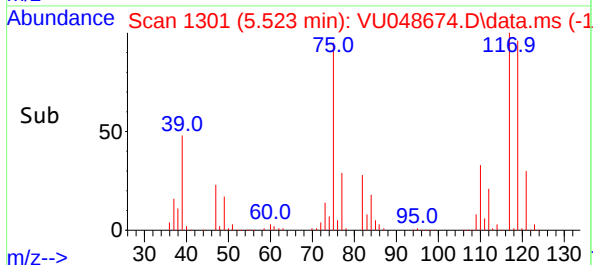
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

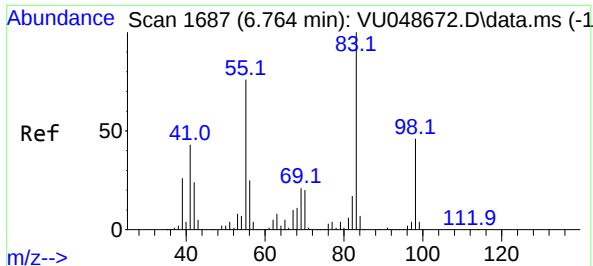


#38
Carbon Tetrachloride
Concen: 139.846 ug/l
RT: 5.523 min Scan# 1301
Delta R.T. -0.003 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10



Tgt Ion:117 Resp: 637709
Ion Ratio Lower Upper
117 100
119 96.0 75.4 113.2
121 30.1 24.6 36.8





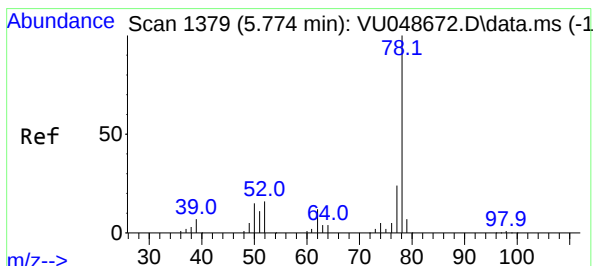
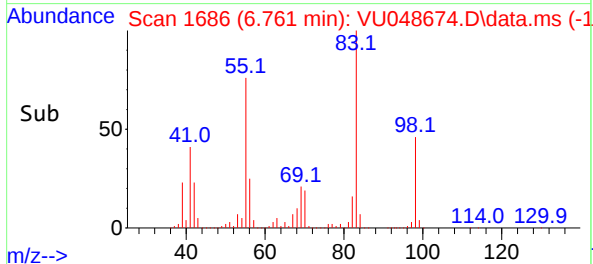
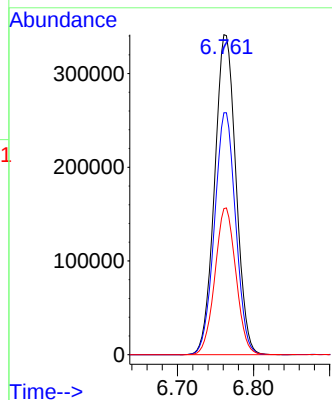
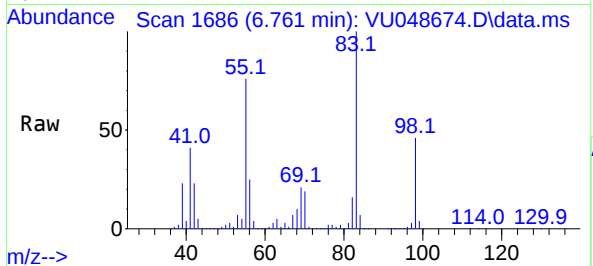
#39
Methylcyclohexane
Concen: 159.569 ug/l
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 665020
Ion Ratio Lower Upper
83 100
55 75.6 61.0 91.6
98 45.7 36.8 55.2

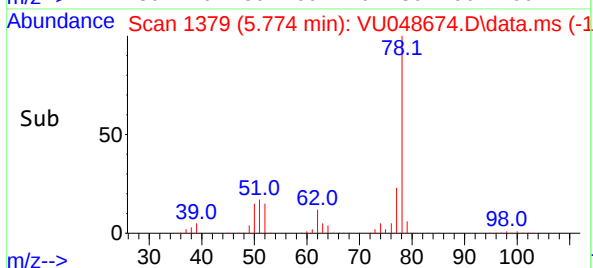
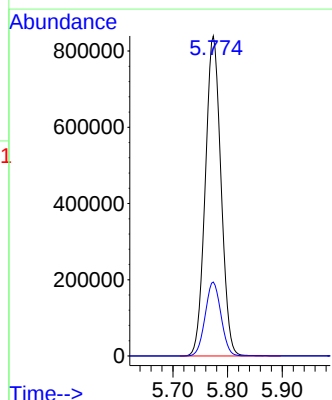
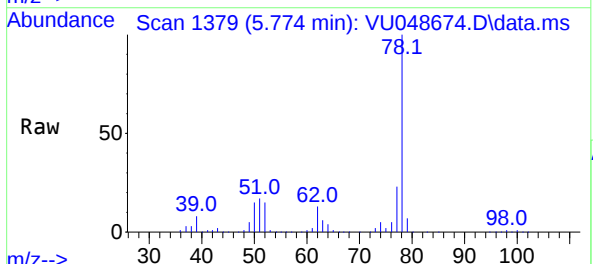
Manual Integrations
APPROVED

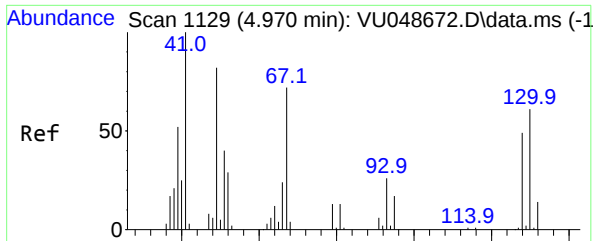
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#40
Benzene
Concen: 142.463 ug/l
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

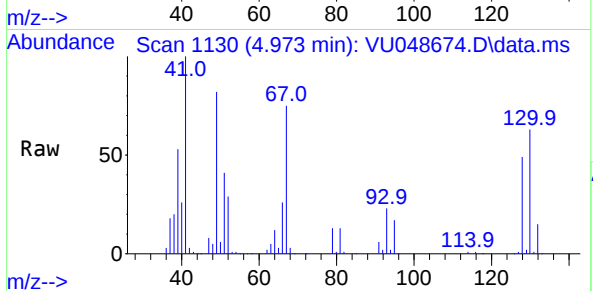
Tgt Ion: 78 Resp: 1671753
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.6





#41
Methacrylonitrile
Concen: 157.719 ug/l
RT: 4.973 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

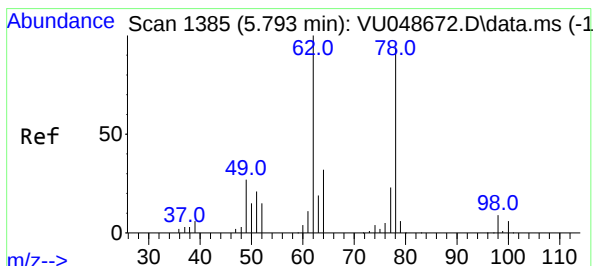
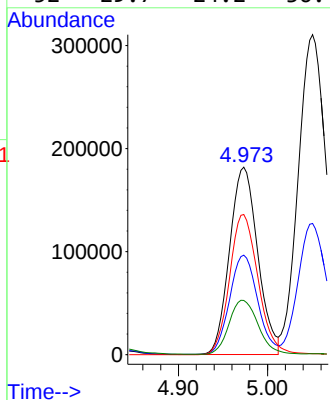
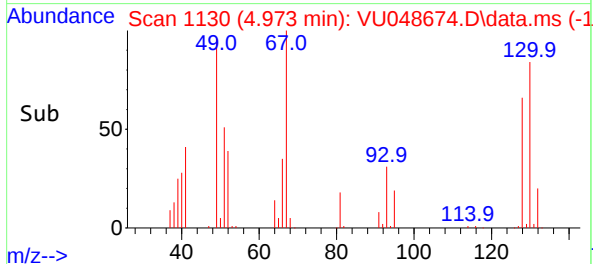
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



Tgt Ion: 41 Resp: 400483
Ion Ratio Lower Upper
41 100
39 52.8 42.6 64.0
67 76.4 61.0 91.4
52 29.7 24.2 36.4

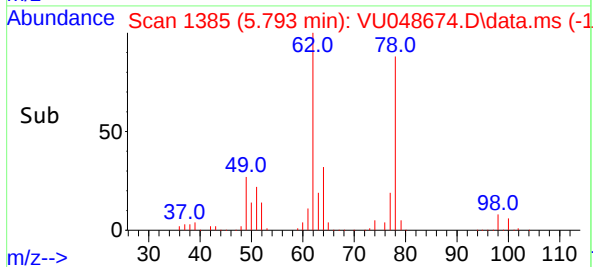
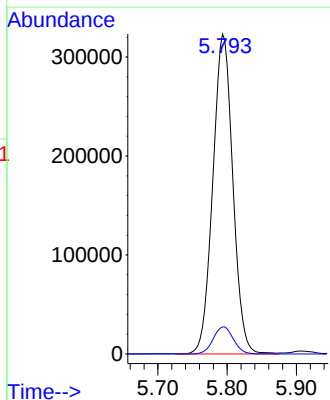
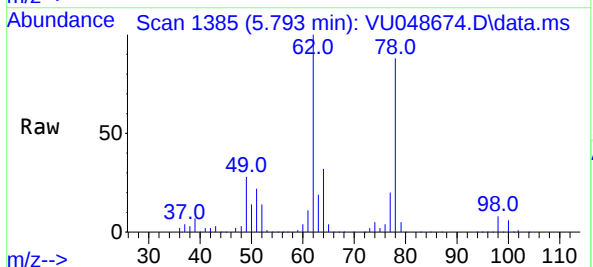
Manual Integrations
APPROVED

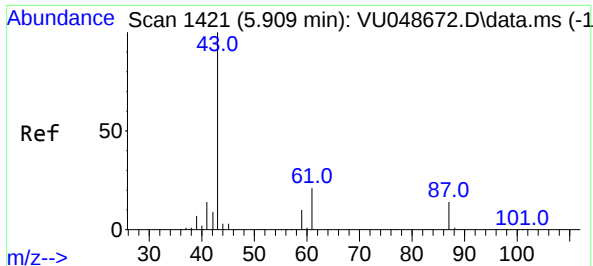
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#42
1,2-Dichloroethane
Concen: 141.173 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. -0.000 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

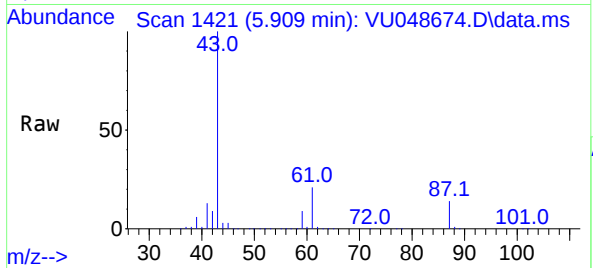
Tgt Ion: 62 Resp: 648483
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.0





#43
Isopropyl Acetate
Concen: 154.381 ug/l
RT: 5.909 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

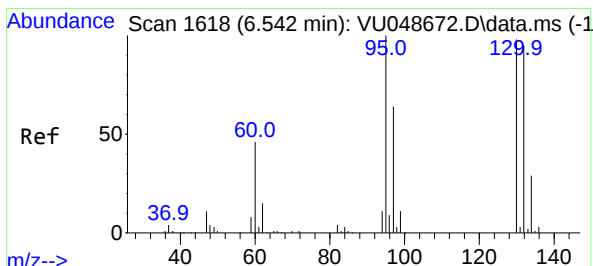
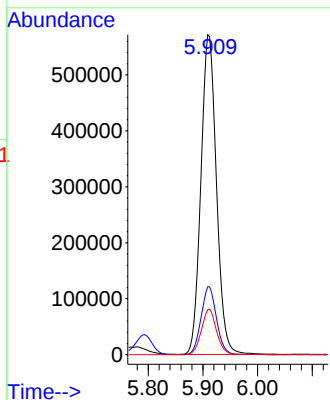
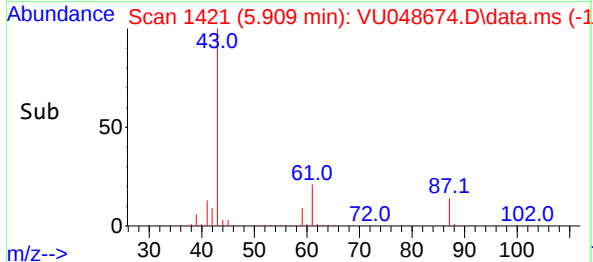
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



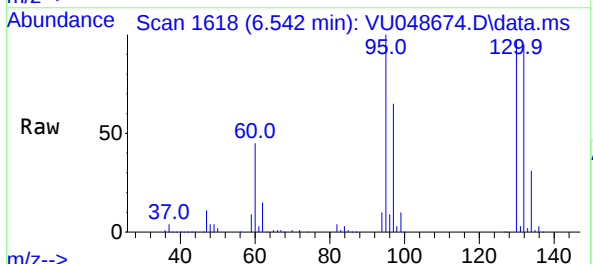
Tgt Ion: 43 Resp: 1125918
Ion Ratio Lower Upper
43 100
61 21.0 16.7 25.1
87 13.9 10.9 16.3

Manual Integrations
APPROVED

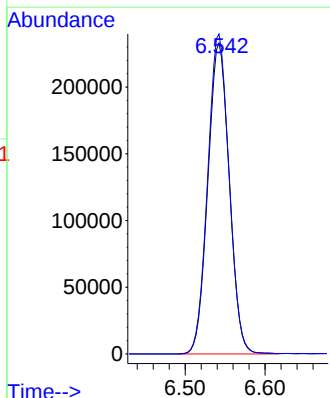
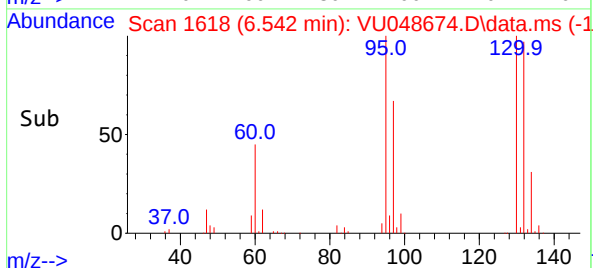
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

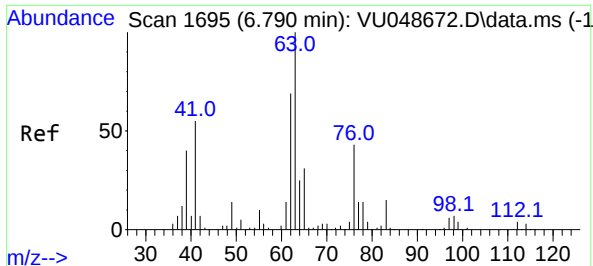


#44
Trichloroethene
Concen: 143.670 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10



Tgt Ion:130 Resp: 434346
Ion Ratio Lower Upper
130 100
95 102.9 0.0 204.8





#45

1,2-Dichloropropane

Concen: 158.412 ug/l

RT: 6.790 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VU048674.D

Acq: 26 May 2022 12:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 467984

Ion Ratio Lower Upper

63 100

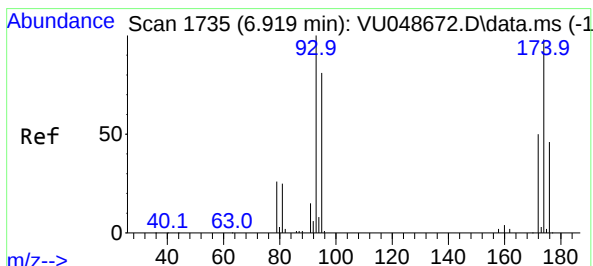
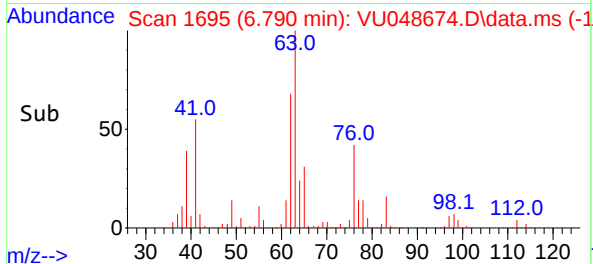
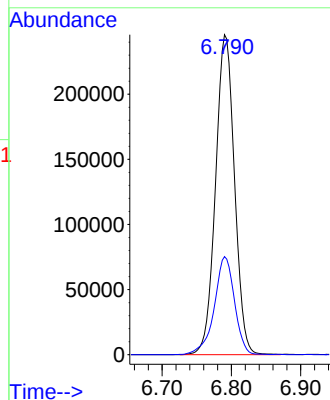
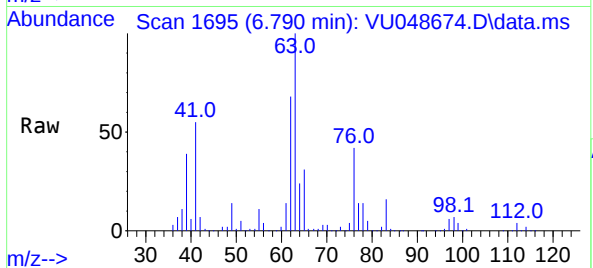
65 30.6 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/27/2022

Supervised By :Mahesh Dadoda 05/27/2022



#46

Dibromomethane

Concen: 147.782 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VU048674.D

Acq: 26 May 2022 12:10

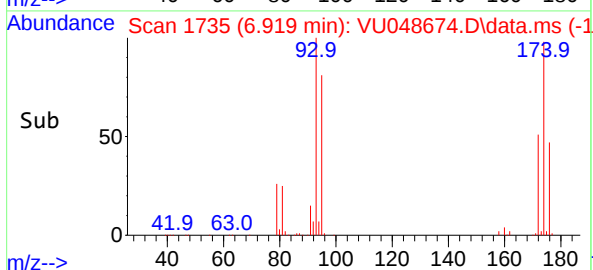
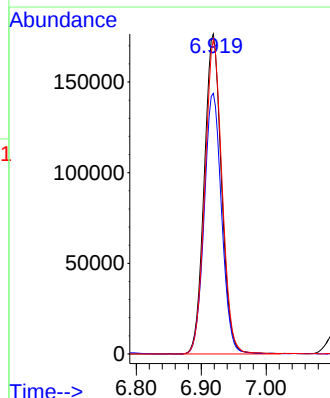
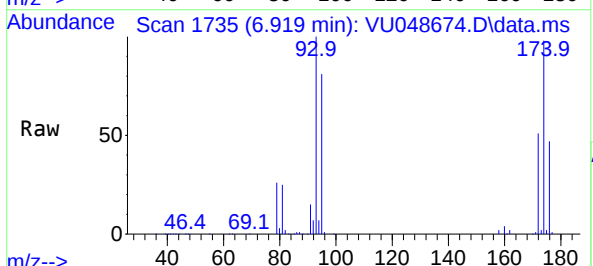
Tgt Ion: 93 Resp: 326174

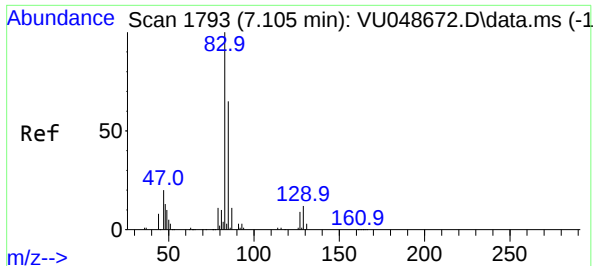
Ion Ratio Lower Upper

93 100

95 82.5 65.1 97.7

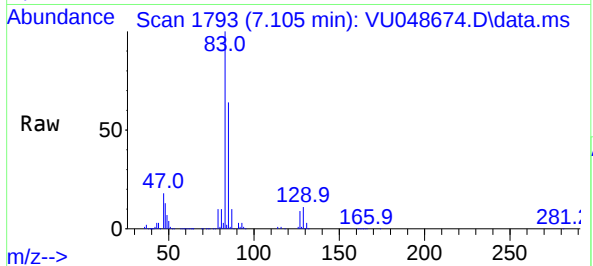
174 97.9 77.8 116.6





#47
Bromodichloromethane
Concen: 145.149 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

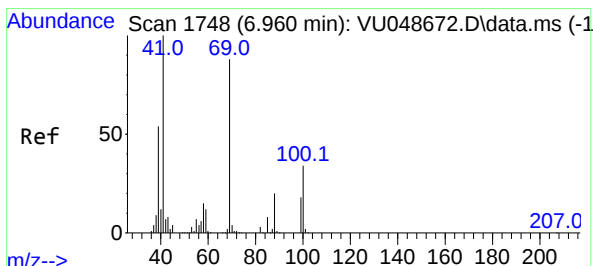
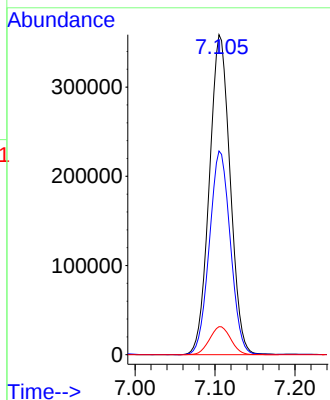
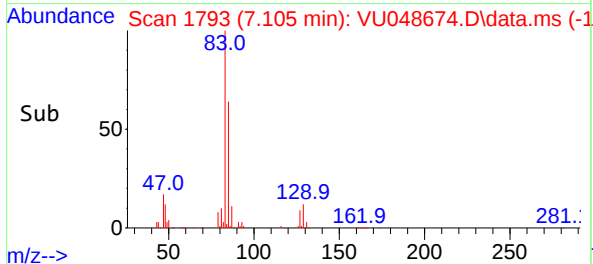
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



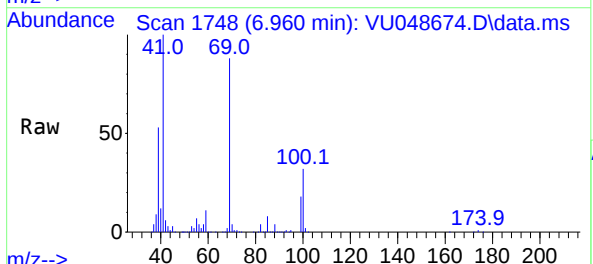
Tgt Ion: 83 Resp: 64786
Ion Ratio Lower Upper
83 100
85 63.7 52.1 78.1
127 8.8 6.9 10.3

Manual Integrations
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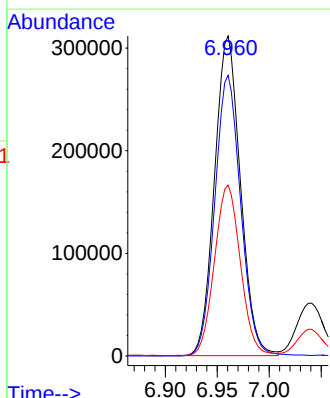
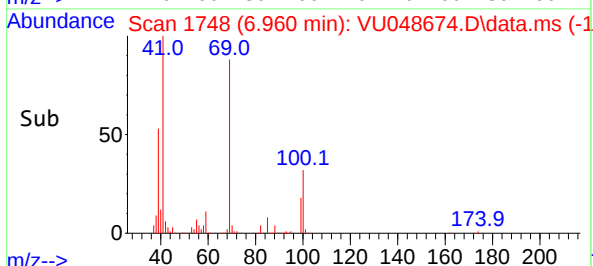
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

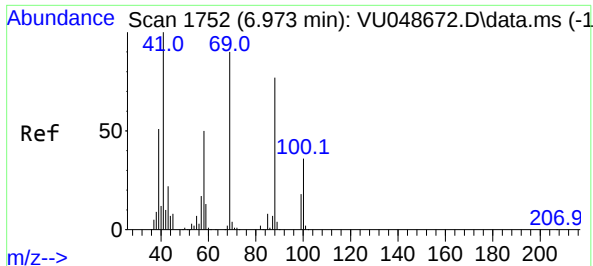


#48
Methyl methacrylate
Concen: 165.167 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10



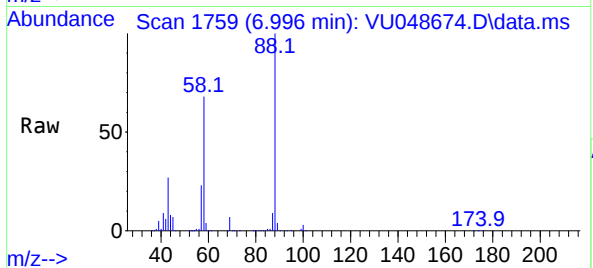
Tgt Ion: 41 Resp: 540759
Ion Ratio Lower Upper
41 100
69 88.1 70.7 106.1
39 53.3 43.4 65.2





#49
1,4-Dioxane
Concen: 3264.587 ug/l
RT: 6.996 min Scan# 1759
Delta R.T. 0.022 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

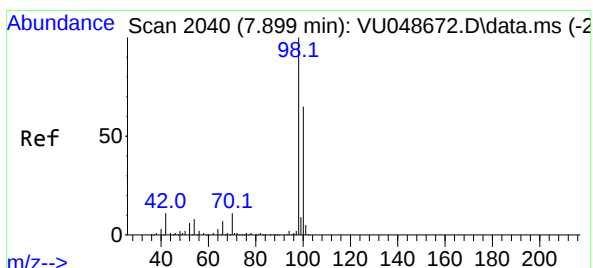
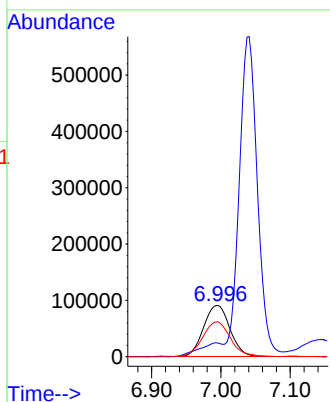
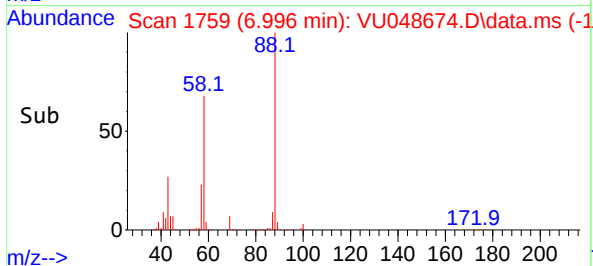
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



Tgt Ion: 88 Resp: 23893
Ion Ratio Lower Upper
88 100
43 23.8 24.6 36.8
58 72.9 54.7 82.1

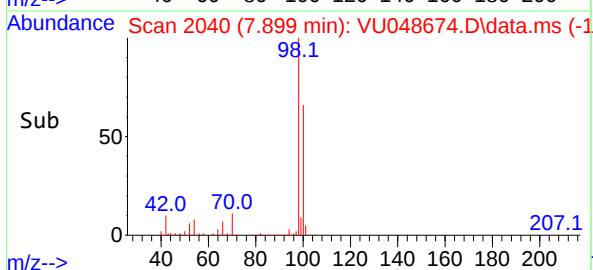
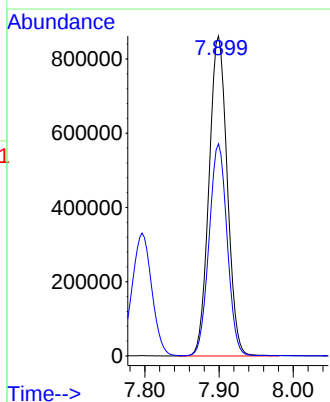
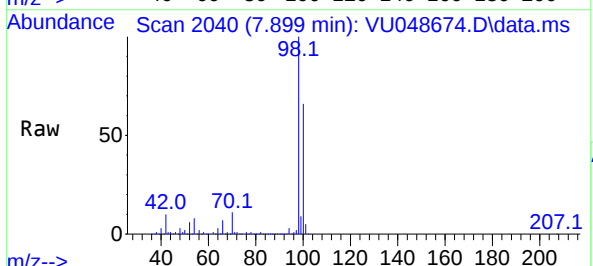
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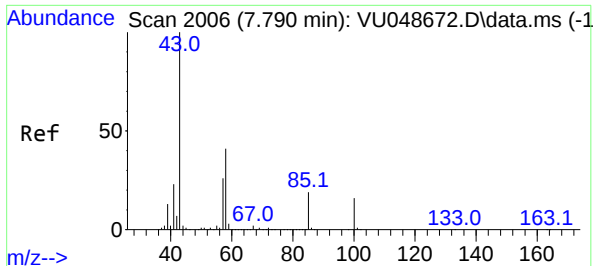
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#50
Toluene-d8
Concen: 150.302 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

Tgt Ion: 98 Resp: 1467308
Ion Ratio Lower Upper
98 100
100 66.0 52.2 78.4





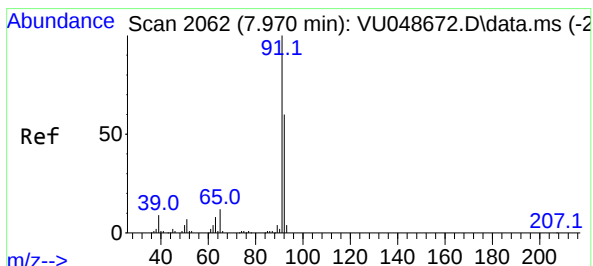
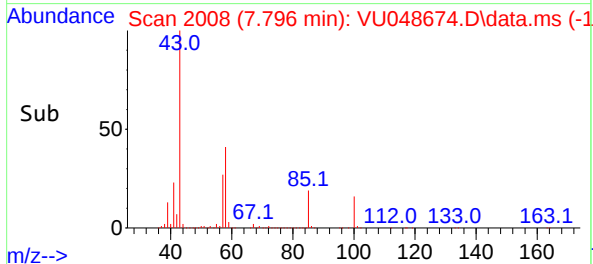
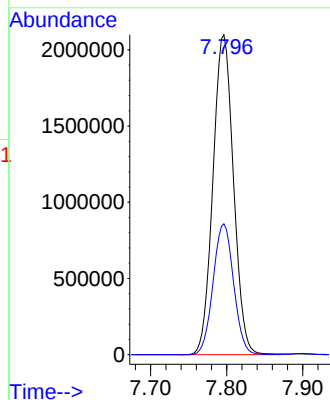
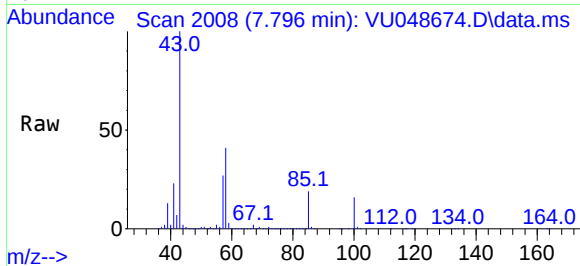
#51
4-Methyl-2-Pentanone
Concen: 830.709 ug/l
RT: 7.796 min Scan# 2006
Delta R.T. 0.006 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 3933870
Ion Ratio Lower Upper
43 100
58 40.9 32.7 49.1

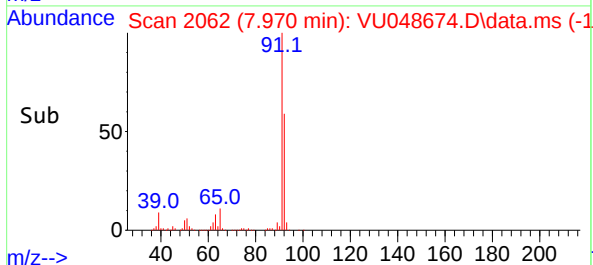
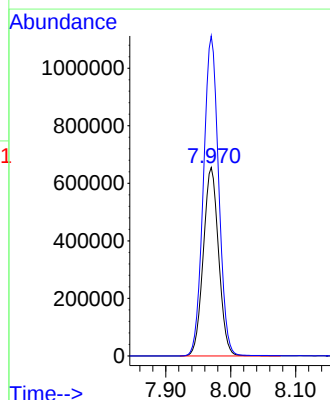
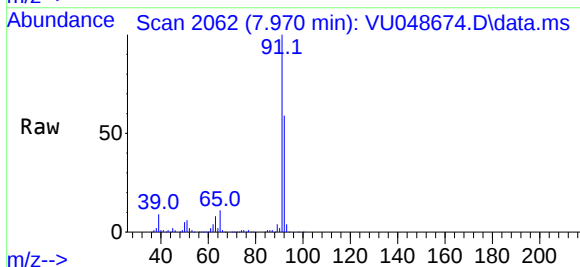
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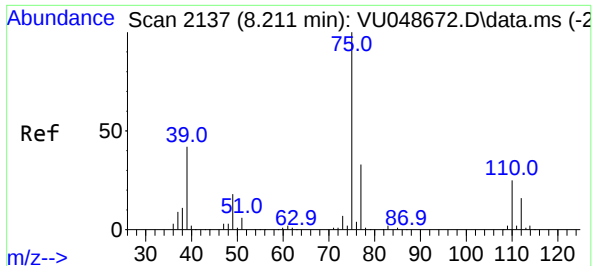
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#52
Toluene
Concen: 153.199 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

Tgt Ion: 92 Resp: 1075313
Ion Ratio Lower Upper
92 100
91 169.2 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 158.787 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU048674.D

Acq: 26 May 2022 12:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

Tgt Ion: 75 Resp: 764524

Ion Ratio Lower Upper

75 100

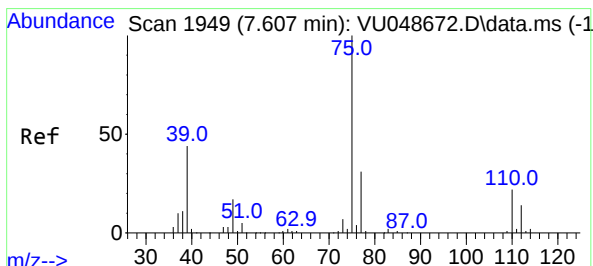
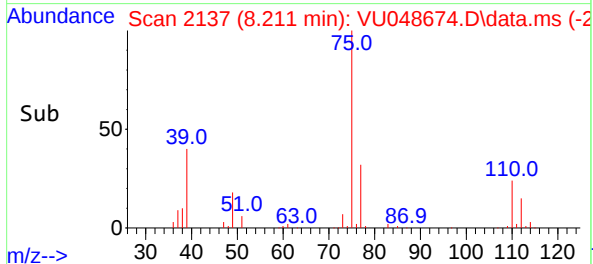
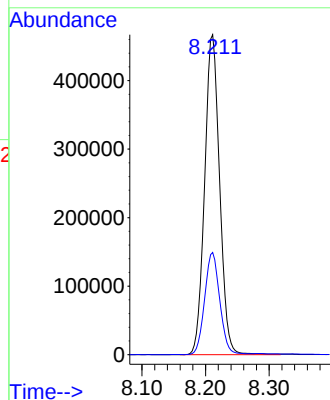
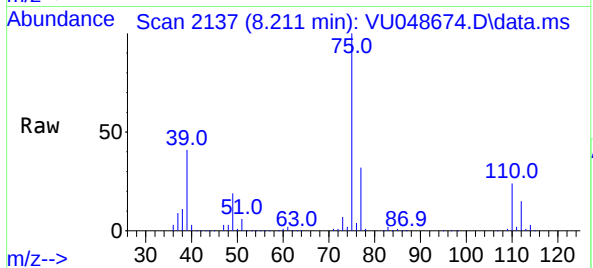
77 31.9 26.2 39.4

Manual Integrations

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Reviewed By :John Carlone 05/27/2022

Supervised By :Mahesh Dadoda 05/27/2022



#54

cis-1,3-Dichloropropene

Concen: 158.226 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU048674.D

Acq: 26 May 2022 12:10

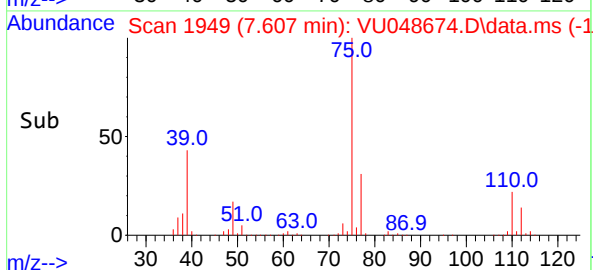
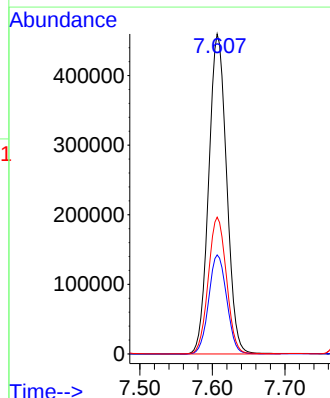
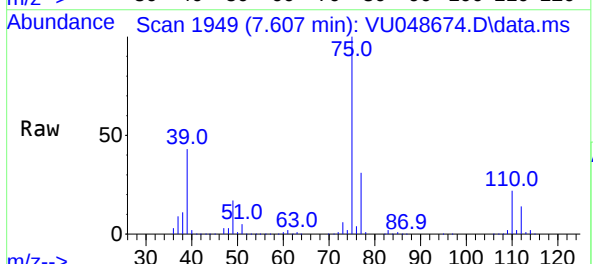
Tgt Ion: 75 Resp: 789427

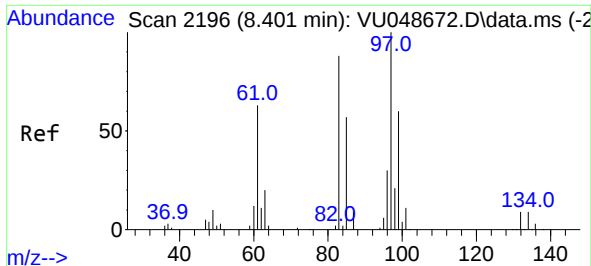
Ion Ratio Lower Upper

75 100

77 31.0 24.9 37.3

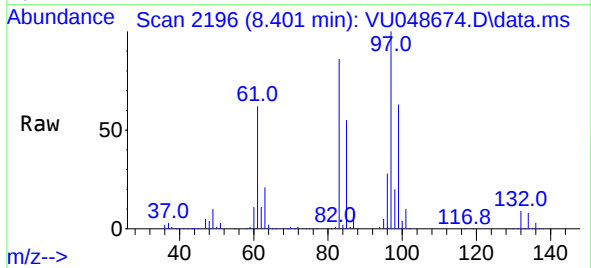
39 42.7 35.2 52.8





#55
1,1,2-Trichloroethane
Concen: 144.781 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

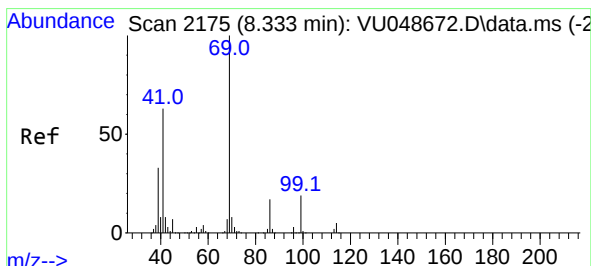
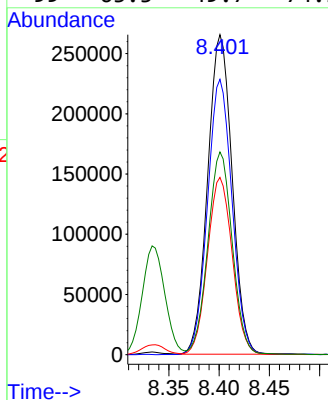
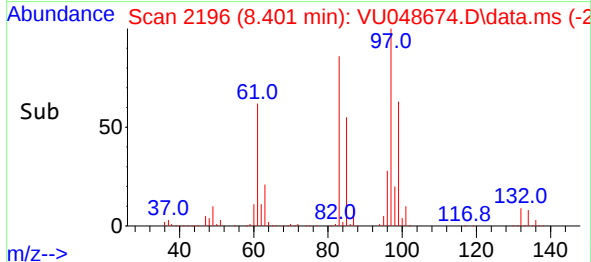


Tgt Ion: 97 Resp: 448499

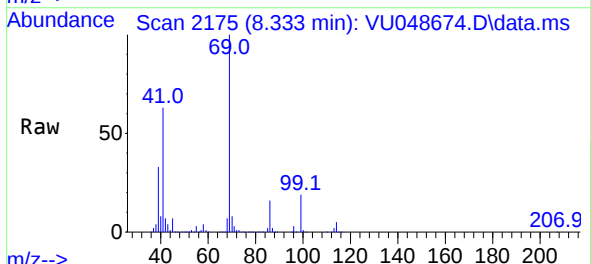
Ion	Ratio	Lower	Upper
97	100		
83	86.1	70.2	105.4
85	55.3	45.6	68.4
99	63.3	49.7	74.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

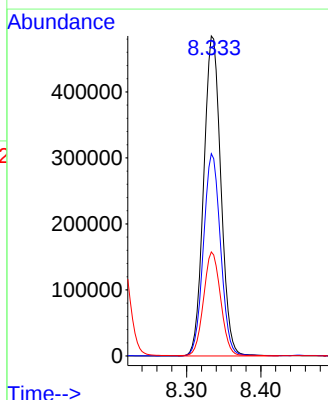
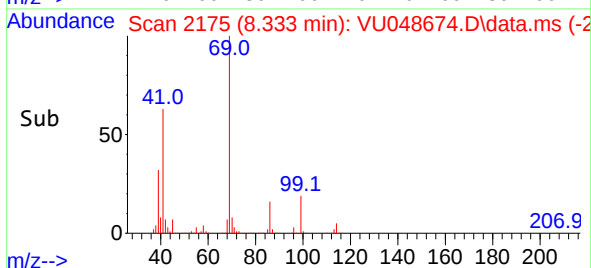


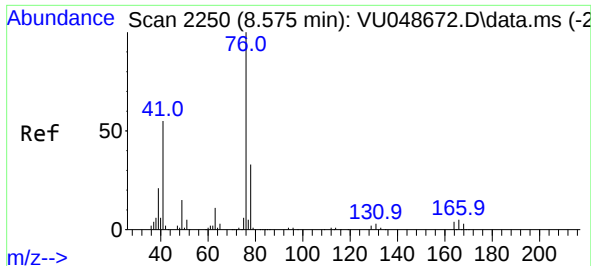
#56
Ethyl methacrylate
Concen: 179.527 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. -0.000 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10



Tgt Ion: 69 Resp: 776244

Ion	Ratio	Lower	Upper
69	100		
41	63.0	50.6	76.0
39	32.0	26.6	40.0





#57

1,3-Dichloropropane

Concen: 149.429 ug/l

RT: 8.574 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU048674.D

Acq: 26 May 2022 12:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

Tgt Ion: 76 Resp: 779084

Ion Ratio Lower Upper

76 100

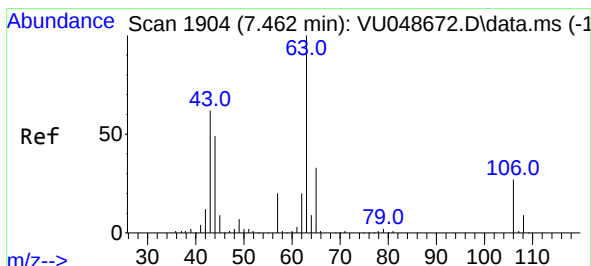
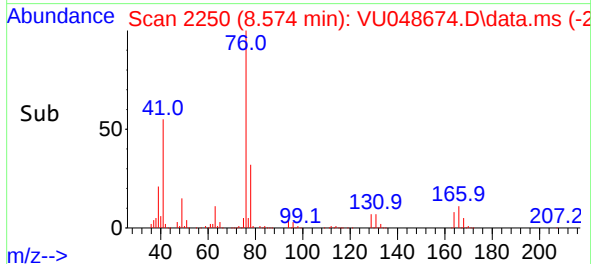
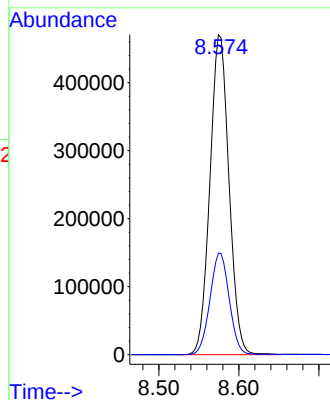
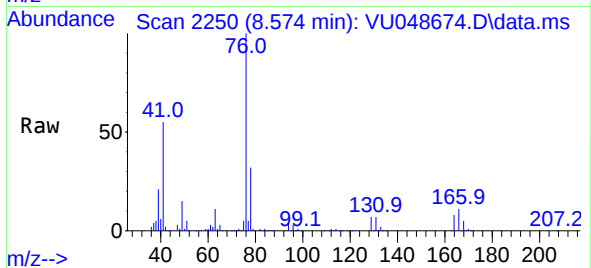
78 32.1 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/27/2022

Supervised By :Mahesh Dadoda 05/27/2022



#58

2-Chloroethyl Vinyl ether

Concen: 1101.889 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. 0.003 min

Lab File: VU048674.D

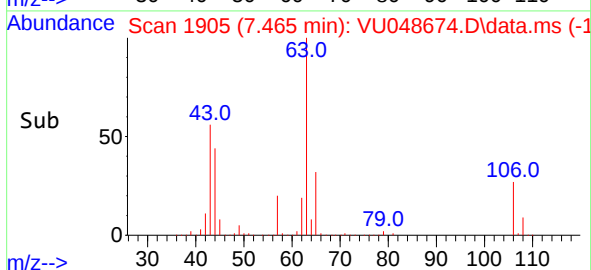
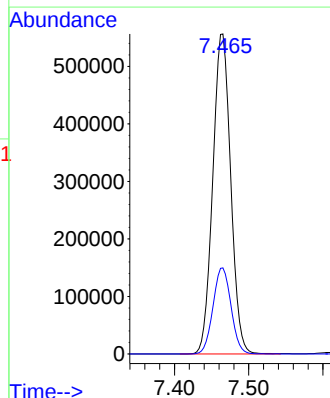
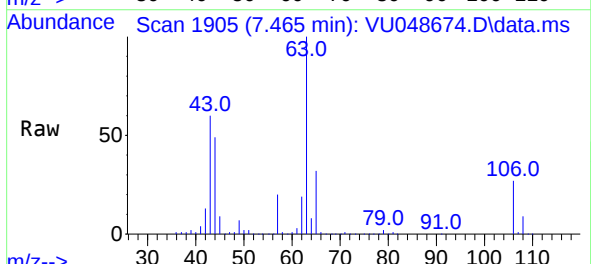
Acq: 26 May 2022 12:10

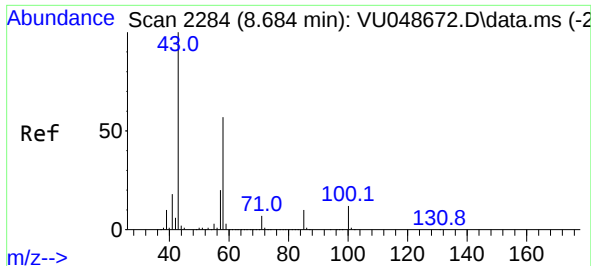
Tgt Ion: 63 Resp: 932421

Ion Ratio Lower Upper

63 100

106 27.0 22.2 33.2





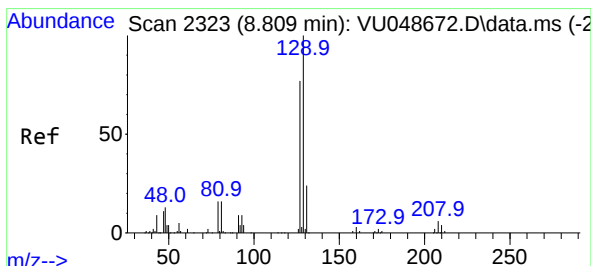
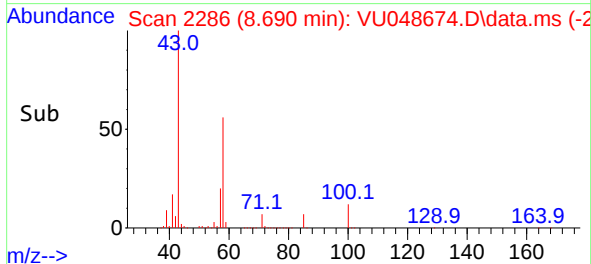
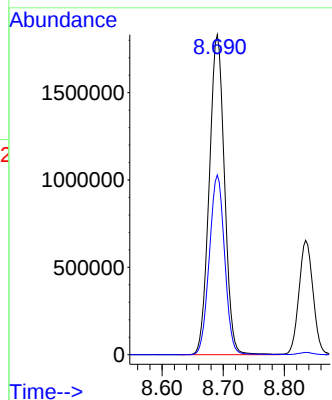
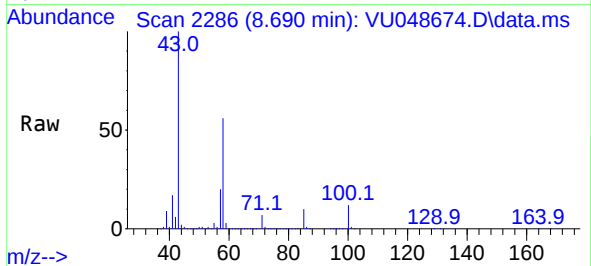
#59
2-Hexanone
Concen: 815.925 ug/l
RT: 8.690 min Scan# 211
Delta R.T. 0.006 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 317211
Ion Ratio Lower Upper
43 100
58 56.5 28.2 84.6

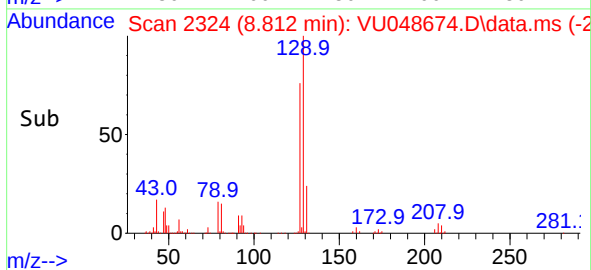
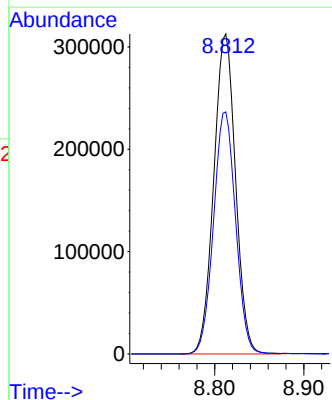
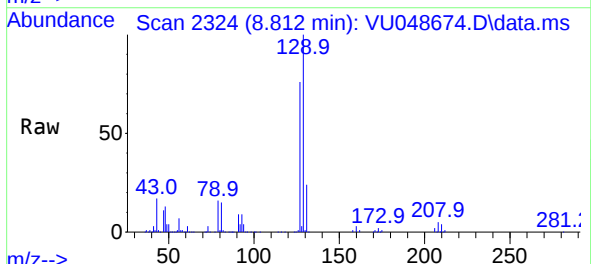
Manual Integrations
APPROVED

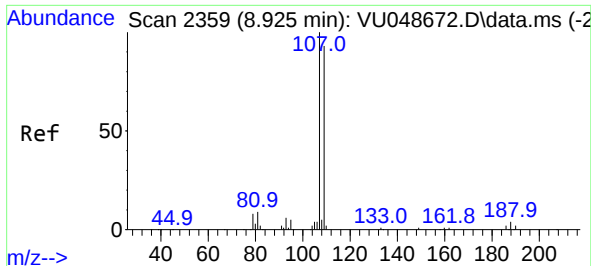
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#60
Dibromochloromethane
Concen: 153.011 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

Tgt Ion:129 Resp: 531323
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.3





#61
1,2-Dibromoethane
Concen: 147.590 ug/l
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

Instrument :

MSVOA_U

ClientSampleId :

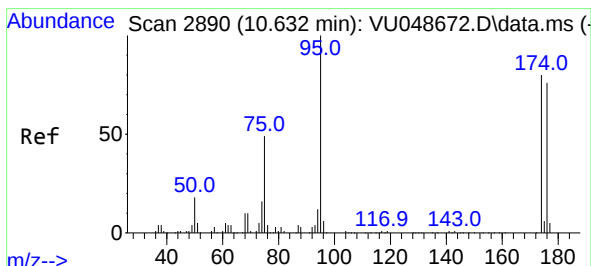
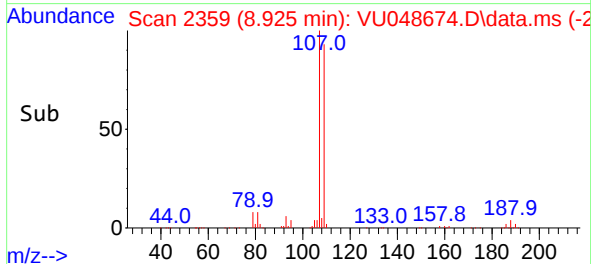
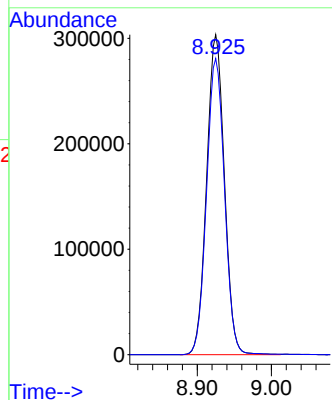
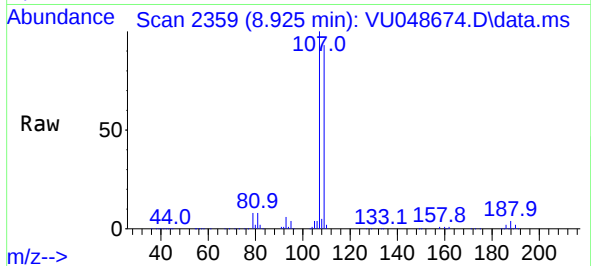
VSTDICC150

Tgt Ion:107 Resp: 50351
Ion Ratio Lower Upper
107 100
109 93.8 75.7 113.5

Manual Integrations

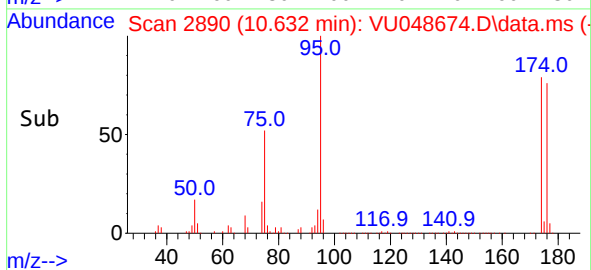
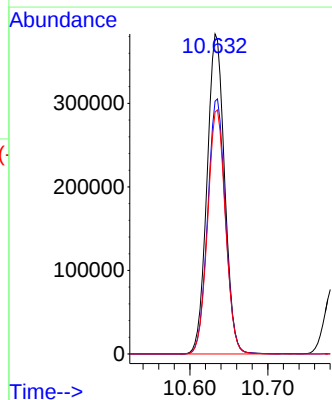
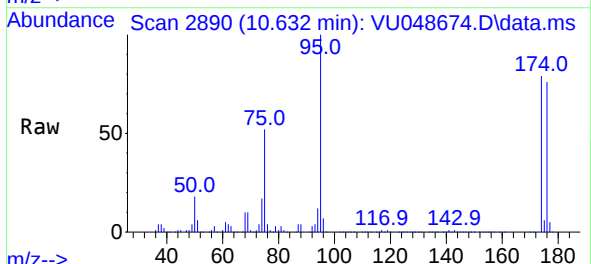
APPROVED

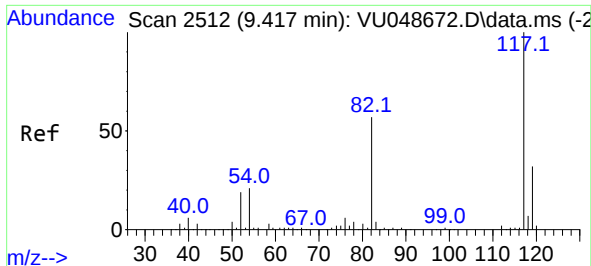
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#62
4-Bromofluorobenzene
Concen: 162.719 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

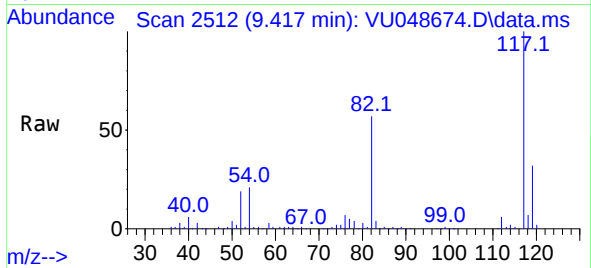
Tgt Ion: 95 Resp: 600766
Ion Ratio Lower Upper
95 100
174 80.4 0.0 159.4
176 77.0 0.0 152.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

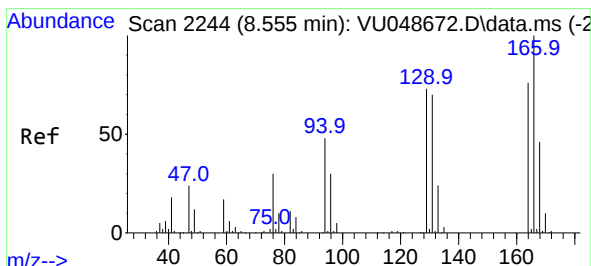
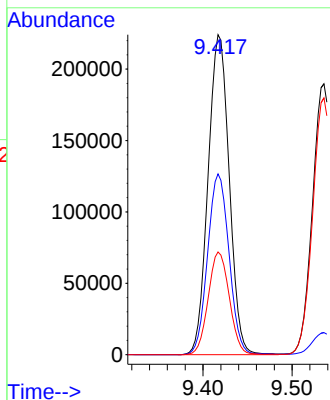
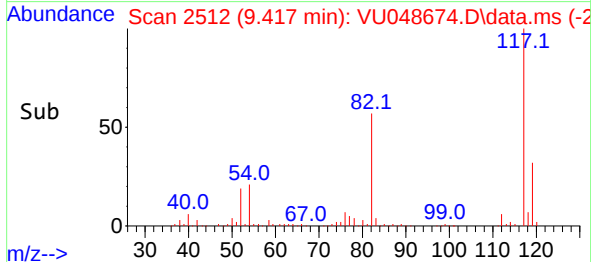
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



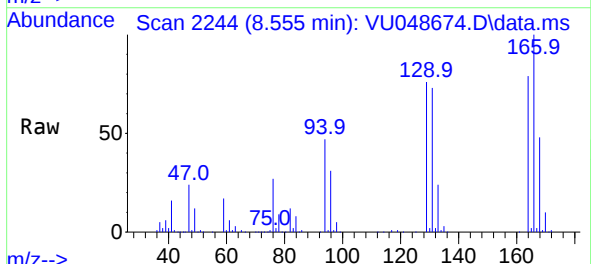
Tgt Ion:117 Resp: 369530
Ion Ratio Lower Upper
117 100
82 56.5 45.3 67.9
119 32.1 25.4 38.2

Manual Integrations
APPROVED

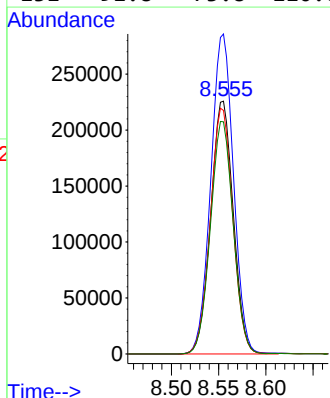
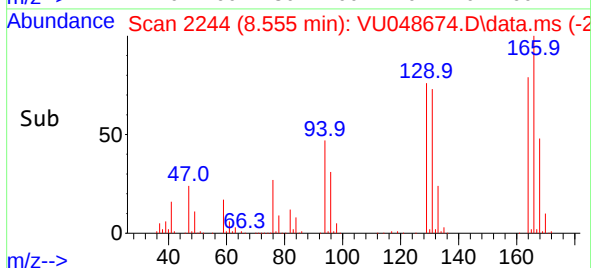
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

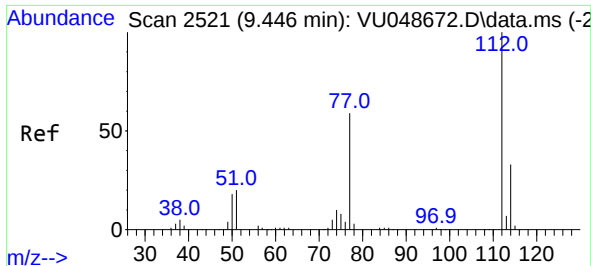


#64
Tetrachloroethene
Concen: 132.623 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10



Tgt Ion:164 Resp: 376599
Ion Ratio Lower Upper
164 100
166 126.6 105.0 157.4
129 96.4 76.5 114.7
131 91.8 73.8 110.6





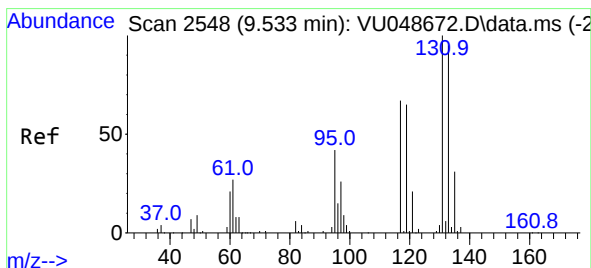
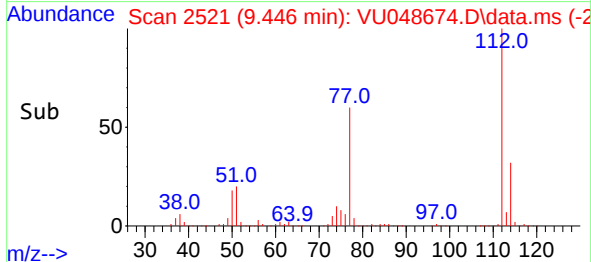
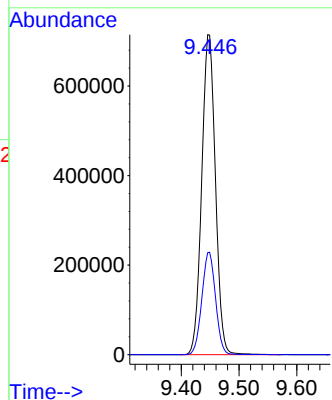
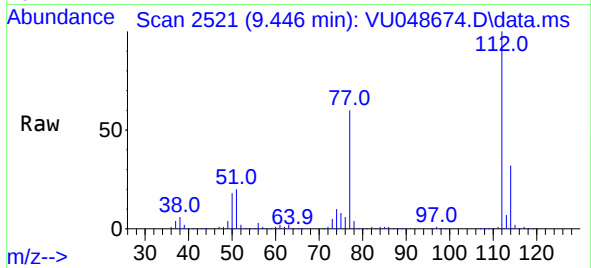
#65
Chlorobenzene
Concen: 150.662 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion:112 Resp: 117753
Ion Ratio Lower Upper
112 100
114 31.9 26.3 39.5

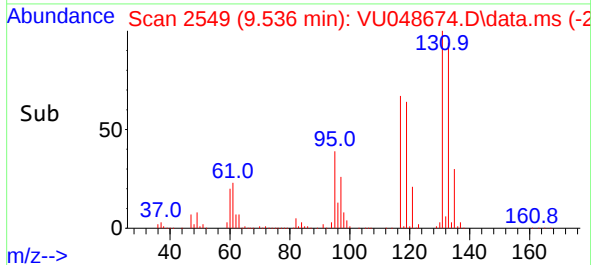
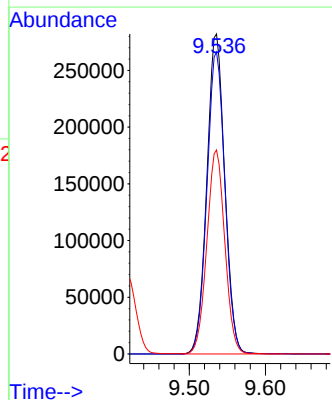
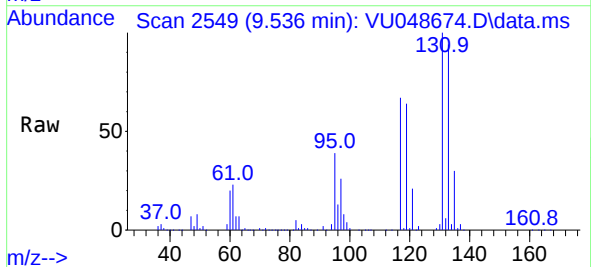
Manual Integrations
APPROVED

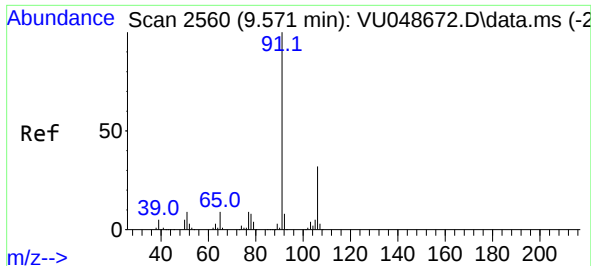
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 156.259 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.003 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

Tgt Ion:131 Resp: 463567
Ion Ratio Lower Upper
131 100
133 94.3 48.5 145.5
119 63.5 32.7 98.1





#67

Ethyl Benzene

Concen: 161.647 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU048674.D

Acq: 26 May 2022 12:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

Tgt Ion: 91 Resp: 213082

Ion Ratio Lower Upper

91 100

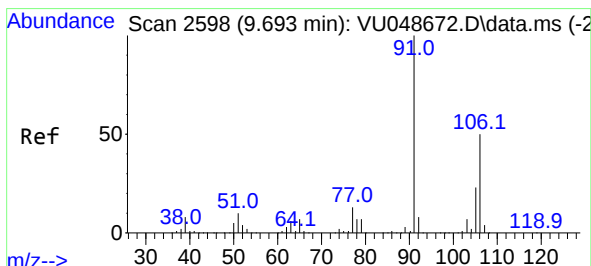
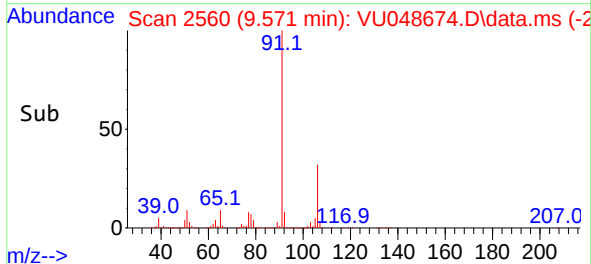
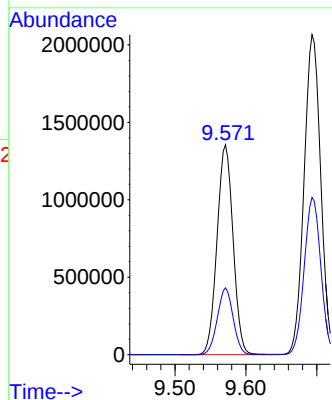
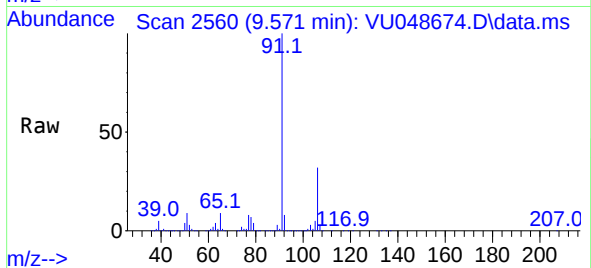
106 31.8 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/27/2022

Supervised By :Mahesh Dadoda 05/27/2022



#68

m/p-Xylenes

Concen: 322.211 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU048674.D

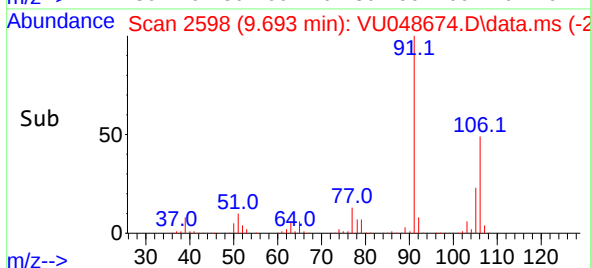
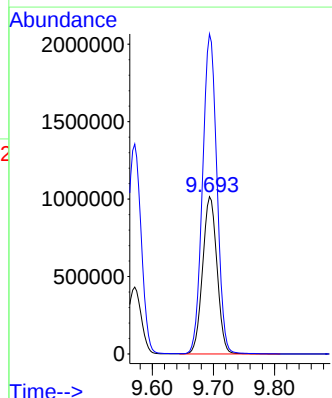
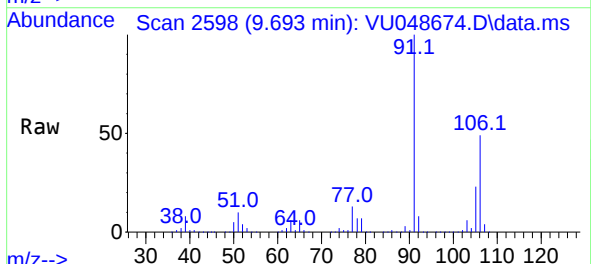
Acq: 26 May 2022 12:10

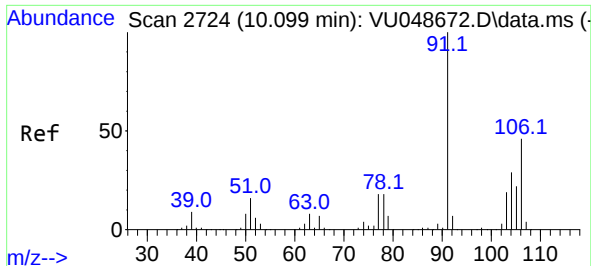
Tgt Ion:106 Resp: 1661197

Ion Ratio Lower Upper

106 100

91 203.1 162.4 243.6





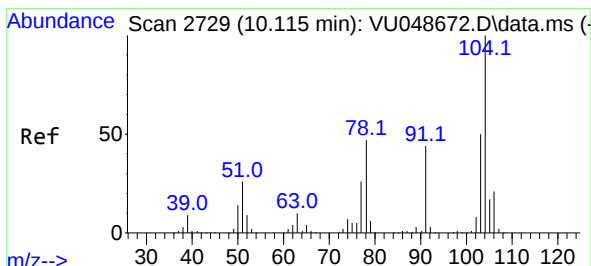
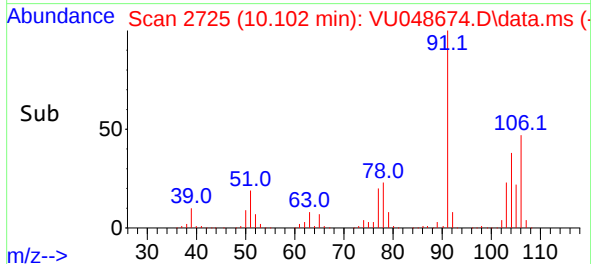
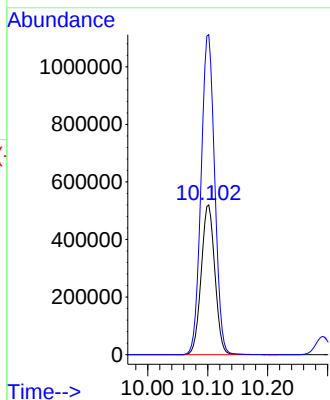
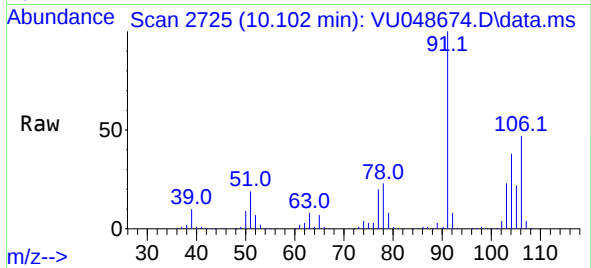
#69
o-Xylene
Concen: 163.282 ug/l
RT: 10.102 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 827052
Ion Ratio Lower Upper
106 100
91 213.4 107.7 323.3

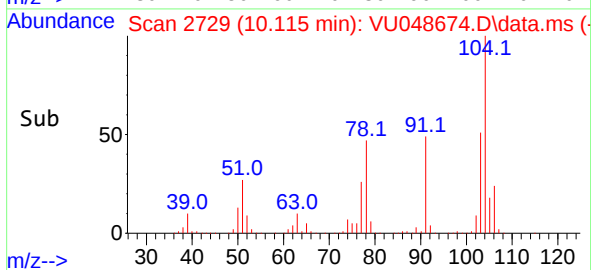
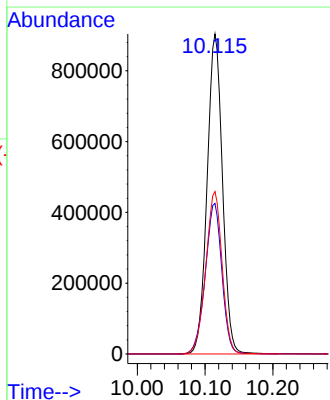
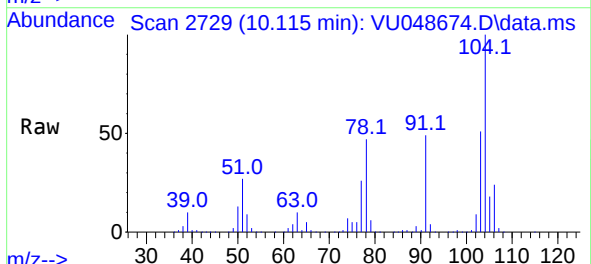
Manual Integrations
APPROVED

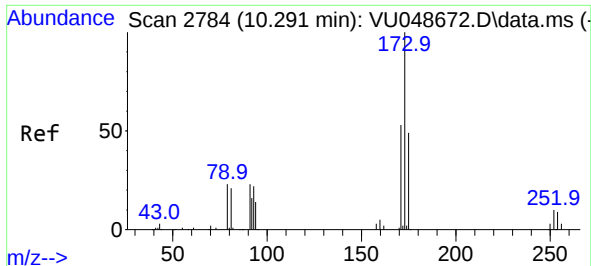
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#70
Styrene
Concen: 170.624 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

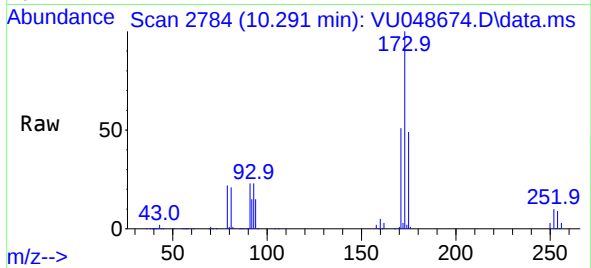
Tgt Ion:104 Resp: 1421534
Ion Ratio Lower Upper
104 100
78 51.0 41.2 61.8
103 54.2 43.4 65.2





#71
Bromoform
Concen: 167.923 ug/l
RT: 10.291 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

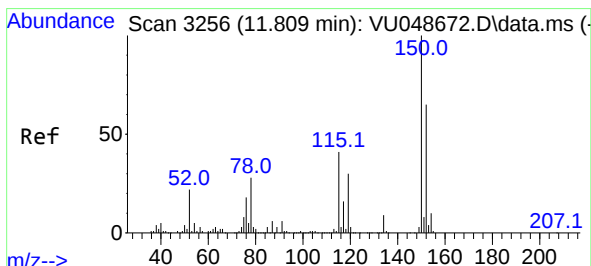
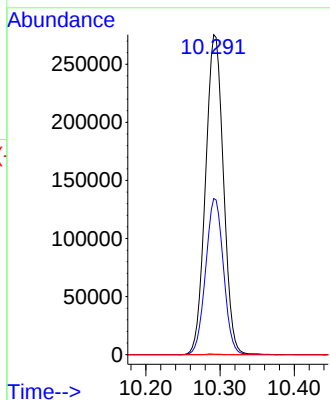
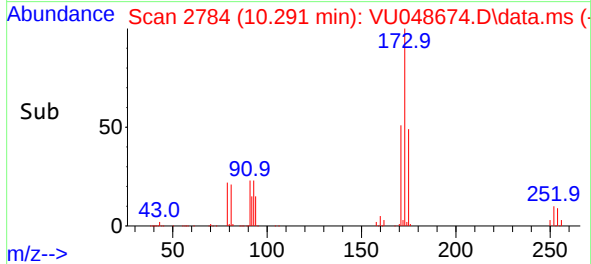
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150



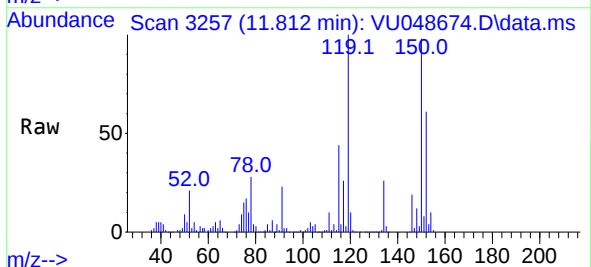
Tgt Ion:173 Resp: 46060
Ion Ratio Lower Upper
173 100
175 48.6 24.5 73.5
254 0.1 0.0 0.0

Manual Integrations
APPROVED

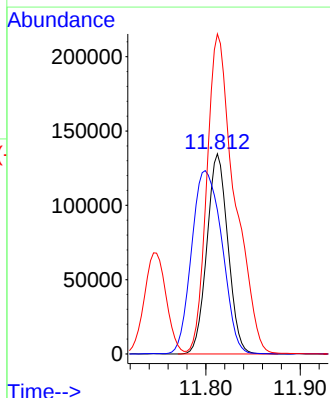
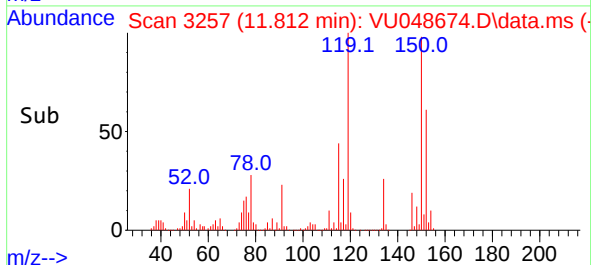
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

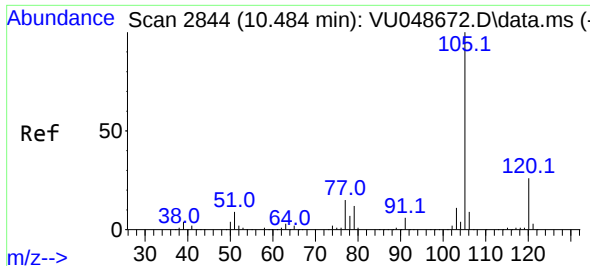


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10



Tgt Ion:152 Resp: 207881
Ion Ratio Lower Upper
152 100
115 132.6 41.8 125.4#
150 211.7 0.0 341.0





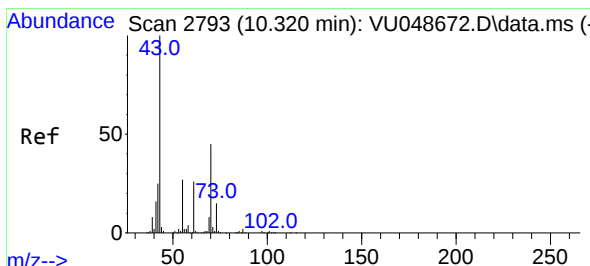
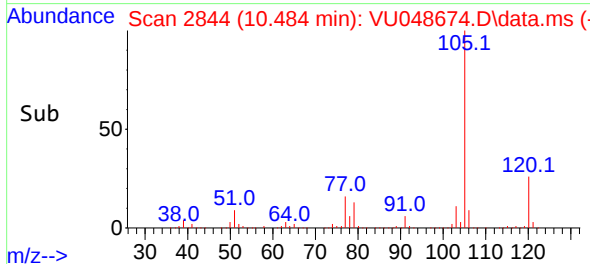
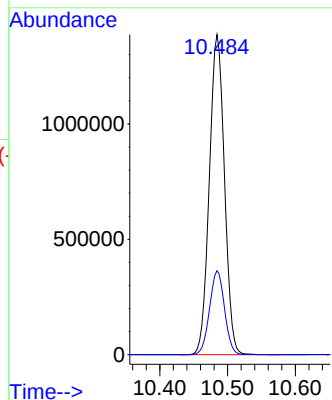
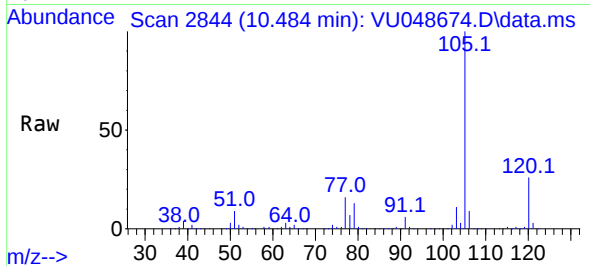
#73
Isopropylbenzene
Concen: 160.160 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 214946
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6

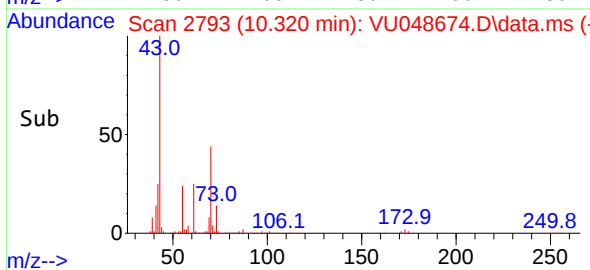
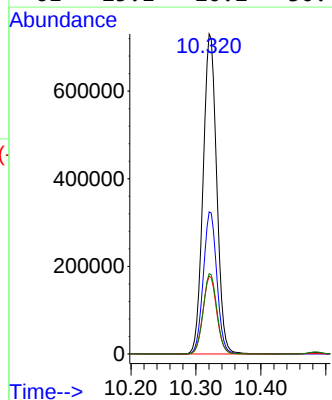
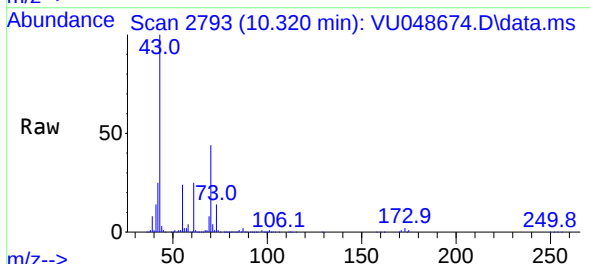
Manual Integrations
APPROVED

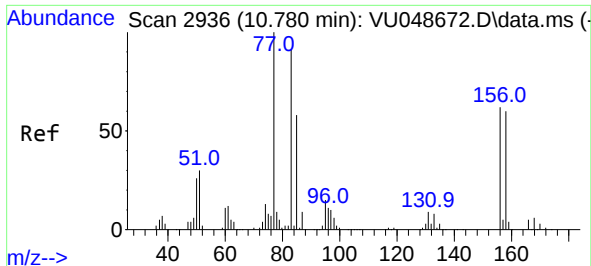
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#74
N-ethyl acetate
Concen: 183.748 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. -0.000 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

Tgt Ion: 43 Resp: 1066125
Ion Ratio Lower Upper
43 100
70 44.3 35.8 53.6
55 24.6 21.1 31.7
61 25.1 20.2 30.4





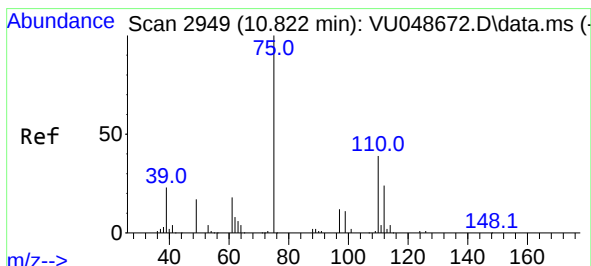
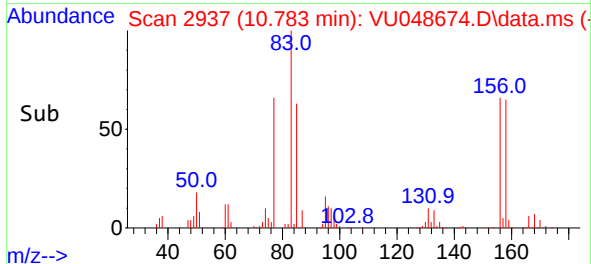
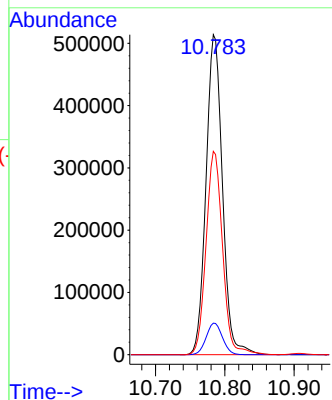
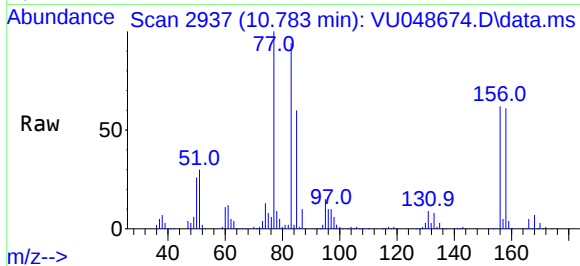
#75
1,1,2,2-Tetrachloroethane
Concen: 154.066 ug/l
RT: 10.783 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 84378
Ion Ratio Lower Upper
83 100
131 9.8 5.2 15.6
85 64.0 32.5 97.4

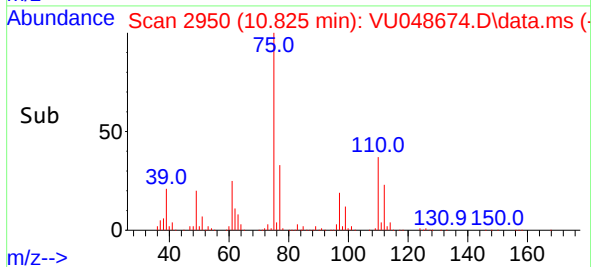
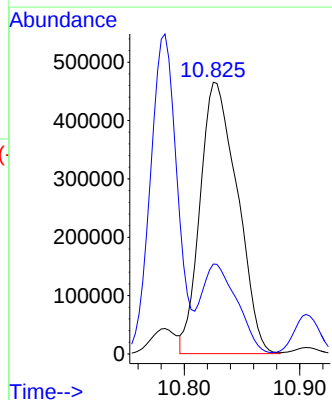
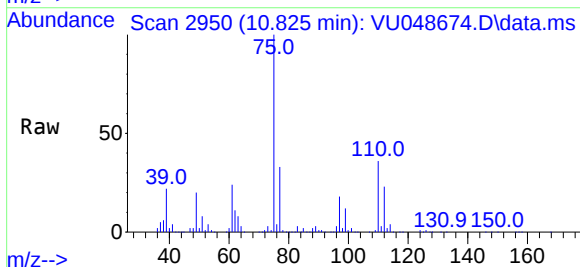
Manual Integrations
APPROVED

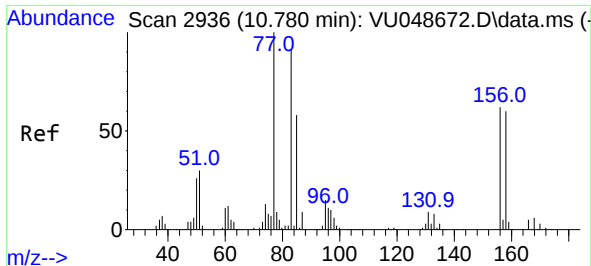
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#76
1,2,3-Trichloropropane
Concen: 181.792 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

Tgt Ion: 75 Resp: 1040952
Ion Ratio Lower Upper
75 100
77 31.0 14.8 44.3





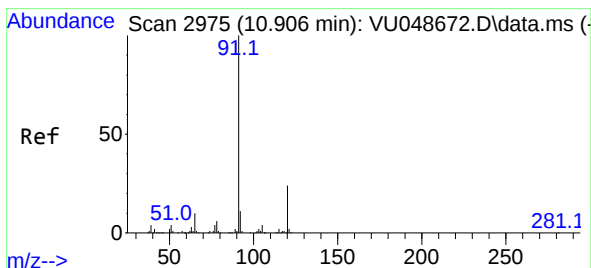
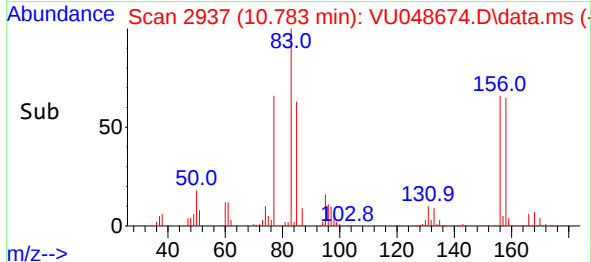
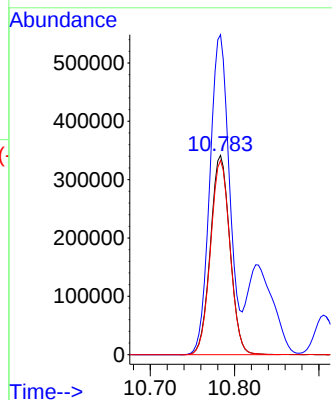
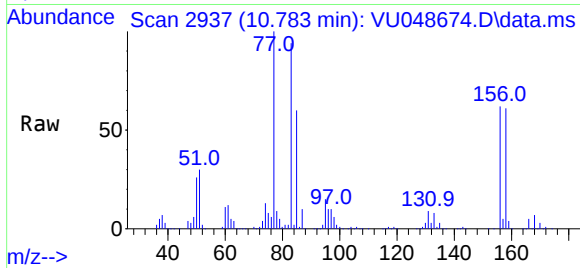
#77
Bromobenzene
Concen: 152.753 ug/l
RT: 10.783 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion:156 Resp: 550568
Ion Ratio Lower Upper
156 100
77 161.9 81.1 243.3
158 97.2 48.8 146.4

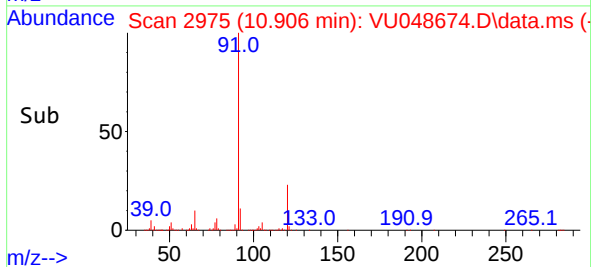
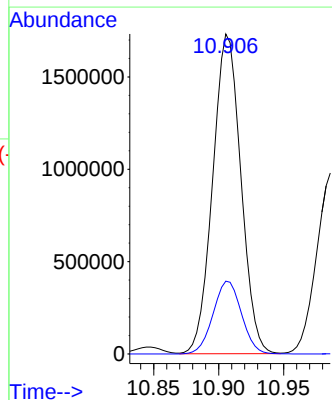
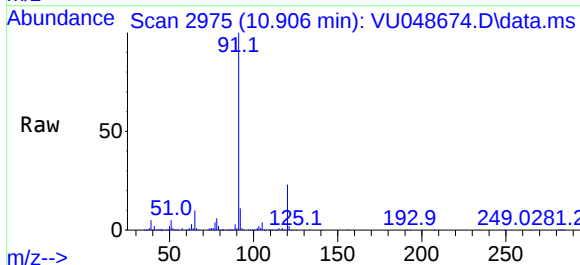
Manual Integrations
APPROVED

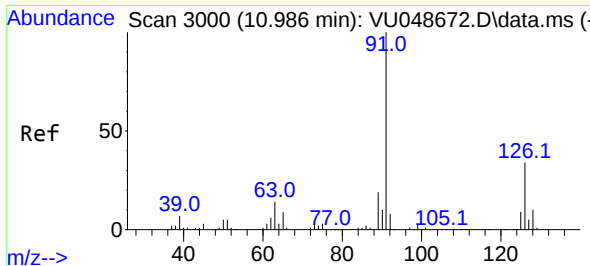
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#78
n-propylbenzene
Concen: 163.055 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

Tgt Ion: 91 Resp: 2607559
Ion Ratio Lower Upper
91 100
120 23.0 11.6 34.7





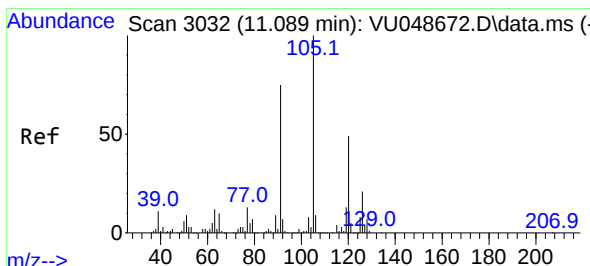
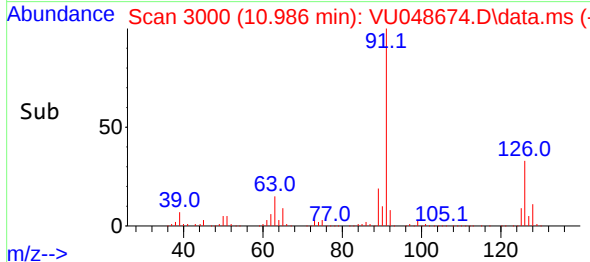
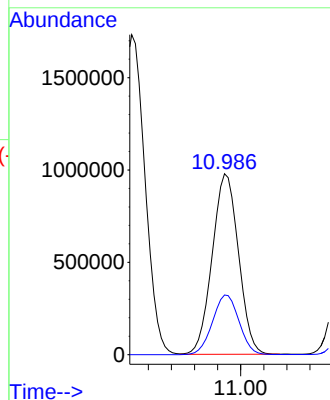
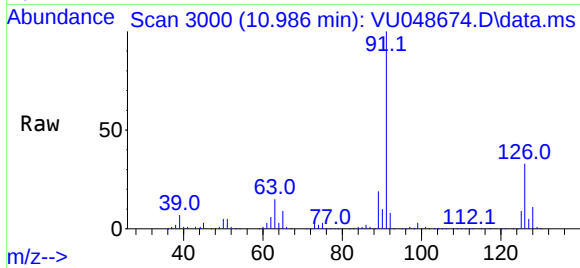
#79
2-Chlorotoluene
Concen: 155.115 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.000 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 1542610
Ion Ratio Lower Upper
91 100
126 33.4 16.7 50.0

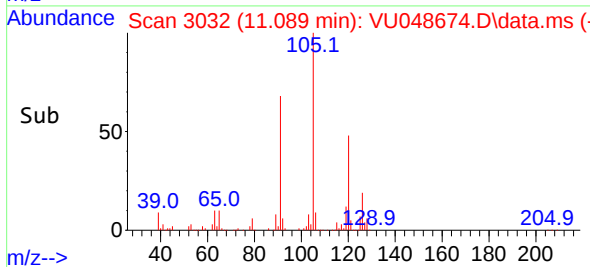
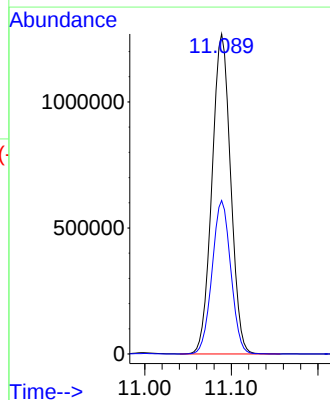
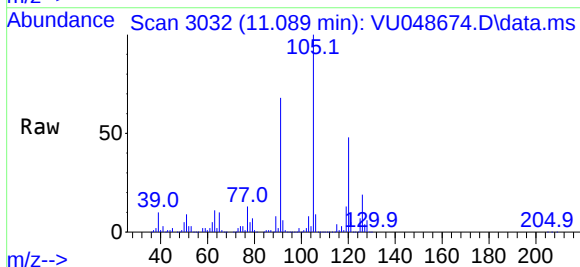
Manual Integrations
APPROVED

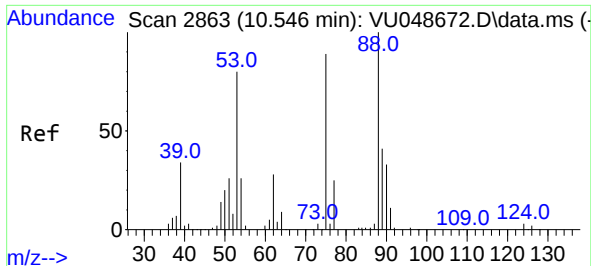
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#80
1,3,5-Trimethylbenzene
Concen: 162.765 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

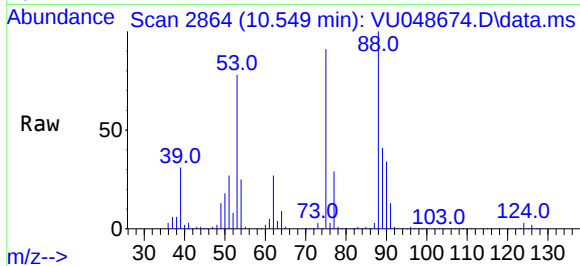
Tgt Ion:105 Resp: 1899632
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 167.368 ug/l
RT: 10.549 min Scan# 210
Delta R.T. 0.003 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

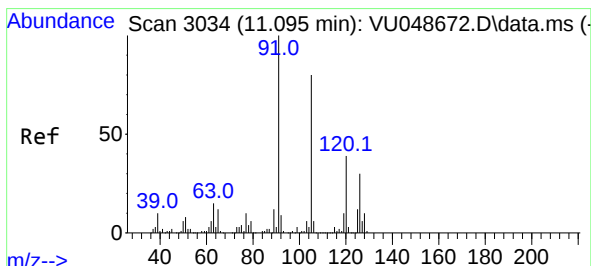
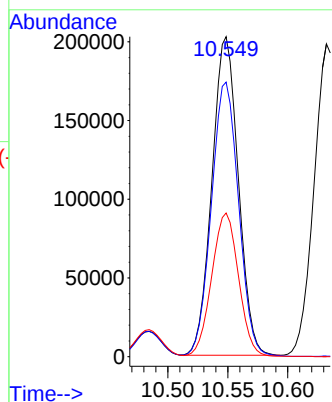
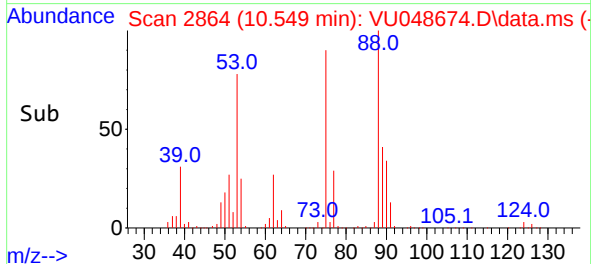
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 30896
Ion Ratio Lower Upper
75 100
53 89.2 72.5 108.7
89 46.0 37.0 55.4

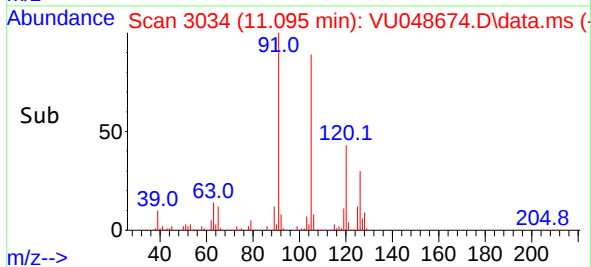
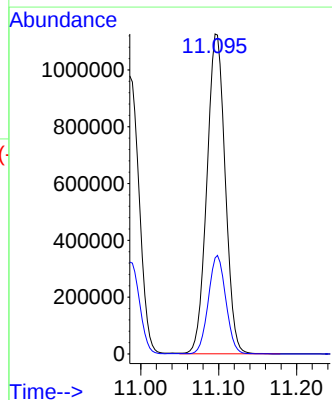
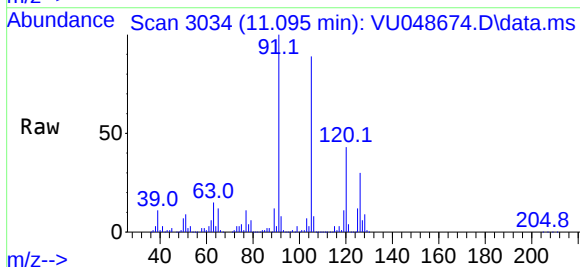
Manual Integrations
APPROVED

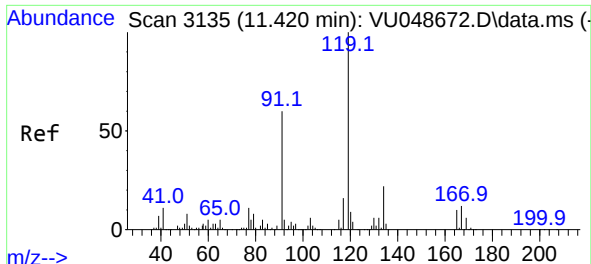
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#82
4-Chlorotoluene
Concen: 160.024 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

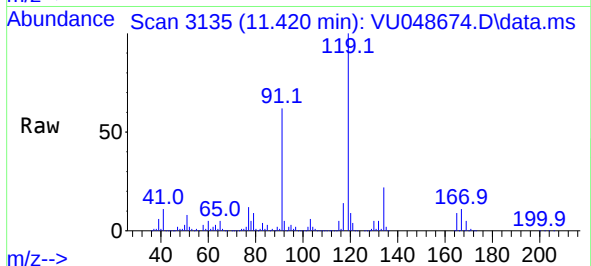
Tgt Ion: 91 Resp: 1836165
Ion Ratio Lower Upper
91 100
126 29.4 14.4 43.2





#83
tert-Butylbenzene
Concen: 167.528 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

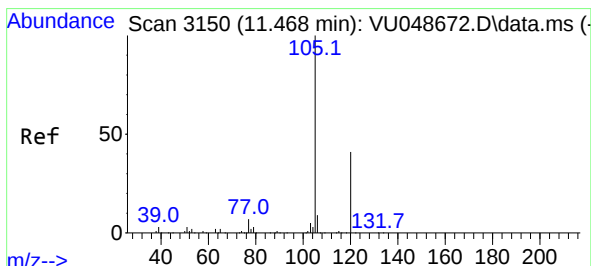
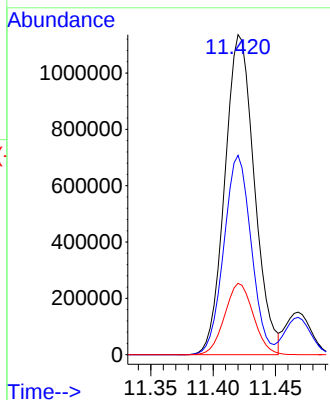
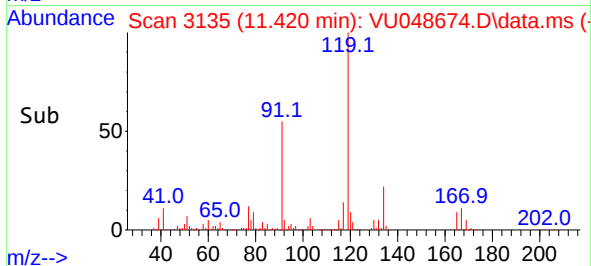
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



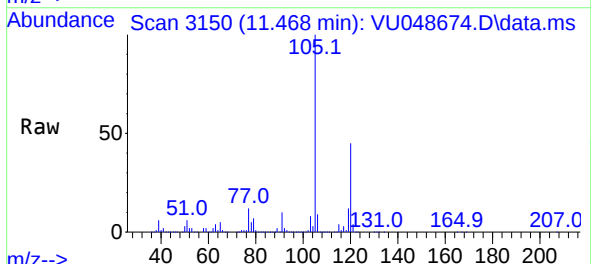
Tgt Ion:119 Resp: 187655
Ion Ratio Lower Upper
119 100
91 57.8 28.7 86.1
134 21.6 10.8 32.4

Manual Integrations
APPROVED

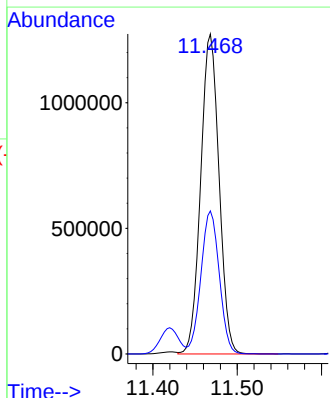
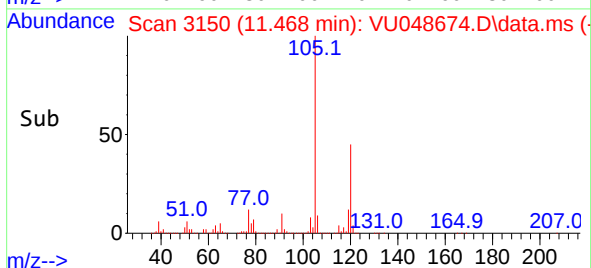
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

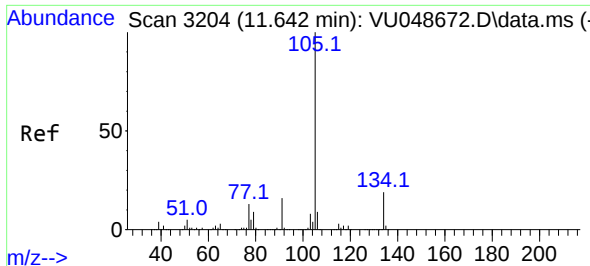


#84
1,2,4-Trimethylbenzene
Concen: 170.051 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10



Tgt Ion:105 Resp: 1931752
Ion Ratio Lower Upper
105 100
120 44.8 22.5 67.5





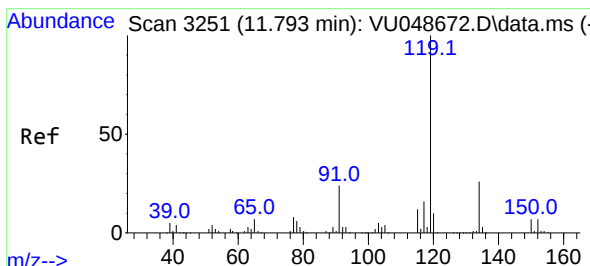
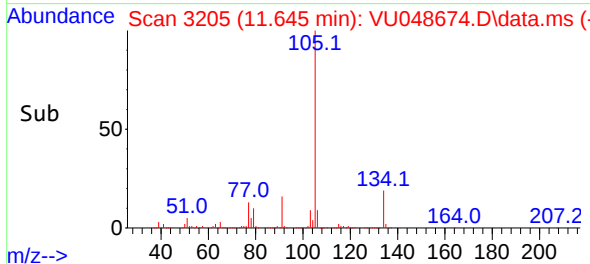
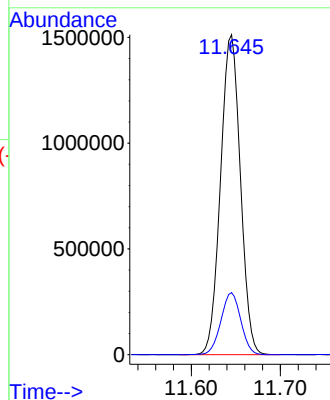
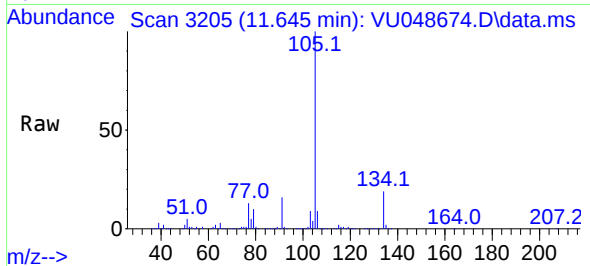
#85
 sec-Butylbenzene
 Concen: 167.009 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU048674.D
 Acq: 26 May 2022 12:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

Tgt Ion:105 Resp: 234036
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.6 28.6

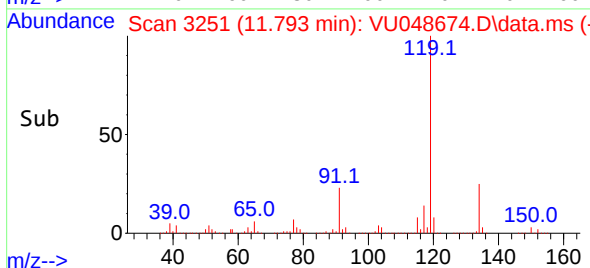
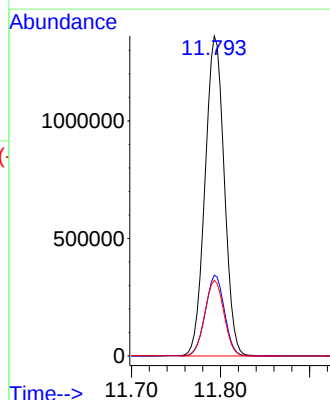
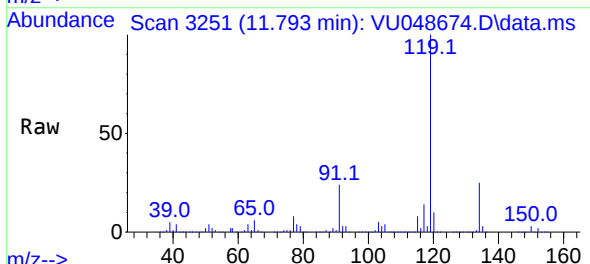
Manual Integrations
 APPROVED

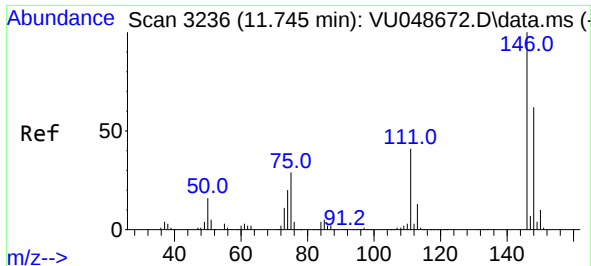
Reviewed By :John Carlone 05/27/2022
 Supervised By :Mahesh Dadoda 05/27/2022



#86
 p-Isopropyltoluene
 Concen: 168.826 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. -0.000 min
 Lab File: VU048674.D
 Acq: 26 May 2022 12:10

Tgt Ion:119 Resp: 2031680
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.8 38.4
 91 23.7 12.0 36.0





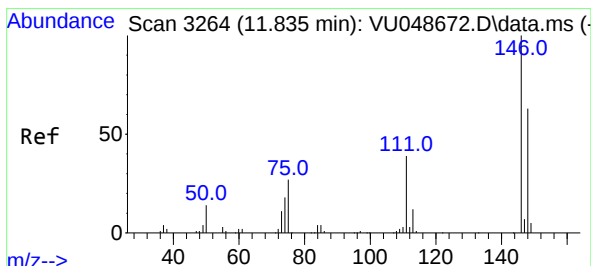
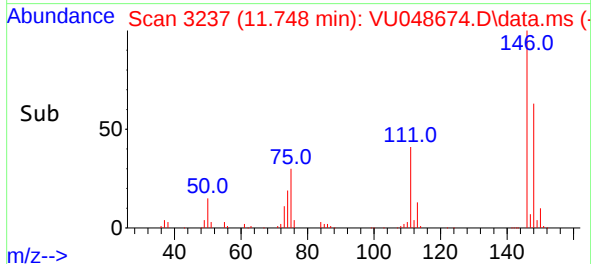
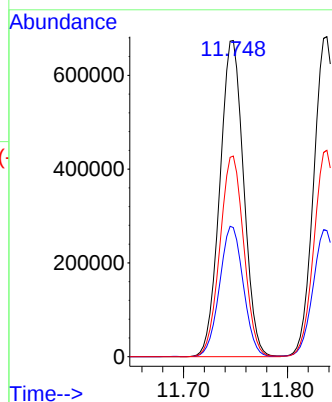
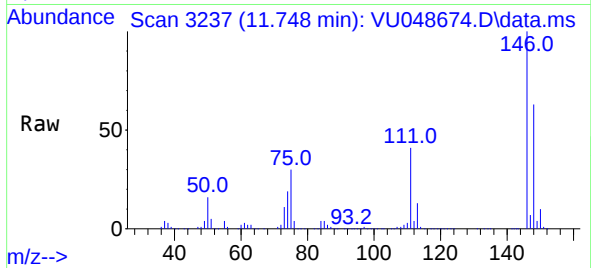
#87
1,3-Dichlorobenzene
Concen: 151.862 ug/l
RT: 11.748 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion:146 Resp: 1073160
Ion Ratio Lower Upper
146 100
111 41.1 20.6 61.9
148 63.9 31.6 95.0

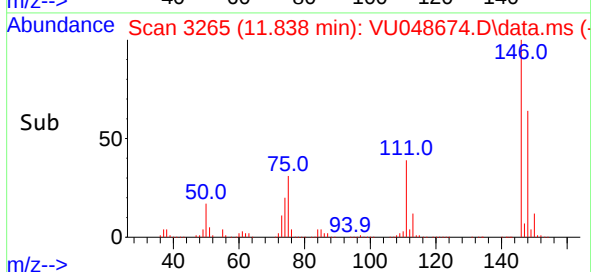
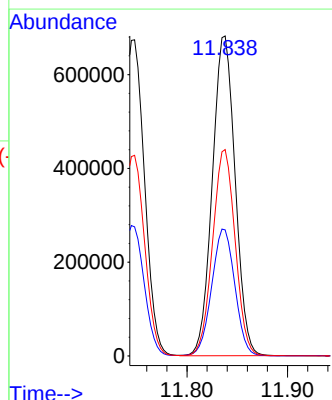
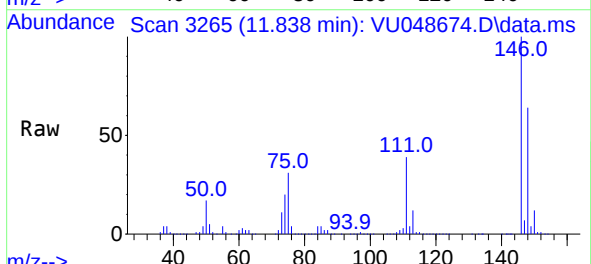
Manual Integrations
APPROVED

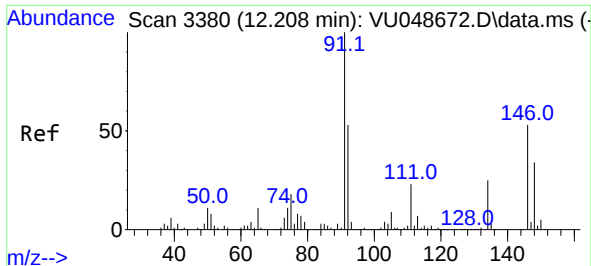
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#88
1,4-Dichlorobenzene
Concen: 147.240 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

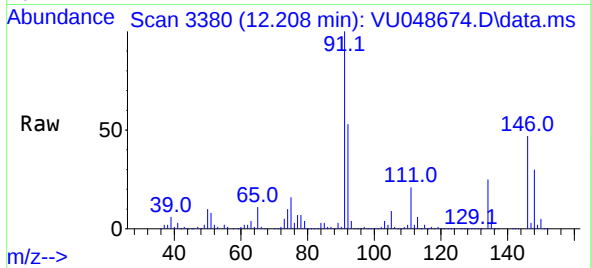
Tgt Ion:146 Resp: 1075013
Ion Ratio Lower Upper
146 100
111 40.2 20.2 60.6
148 64.1 32.4 97.0





#89
n-Butylbenzene
Concen: 177.039 ug/l
RT: 12.208 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

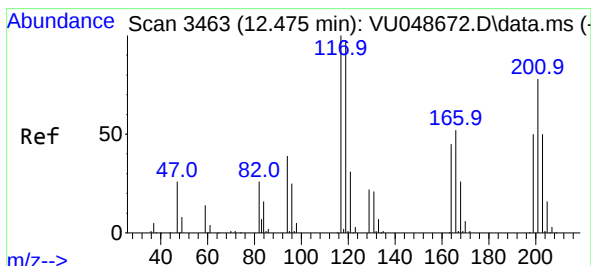
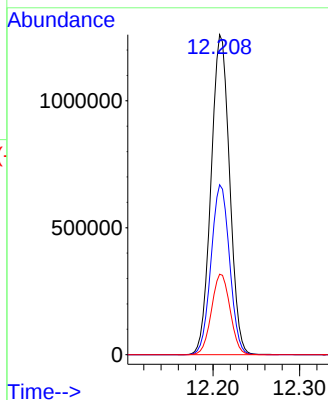
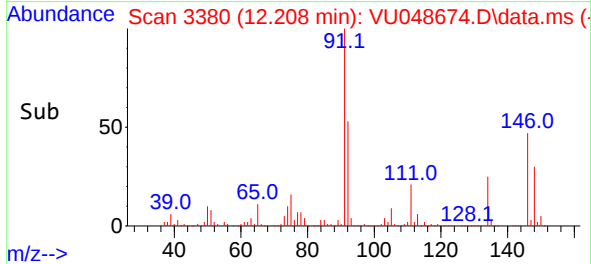
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 1872230
Ion Ratio Lower Upper
91 100
92 53.1 25.9 77.8
134 25.2 12.5 37.5

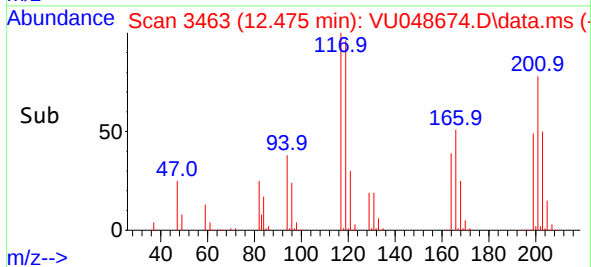
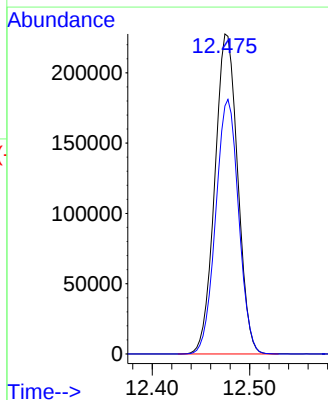
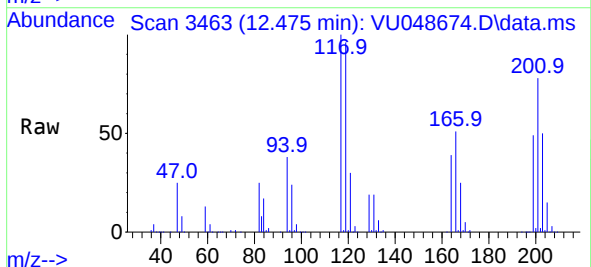
Manual Integrations
APPROVED

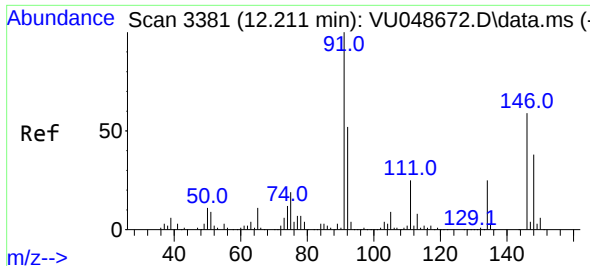
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#90
Hexachloroethane
Concen: 151.444 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. -0.000 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

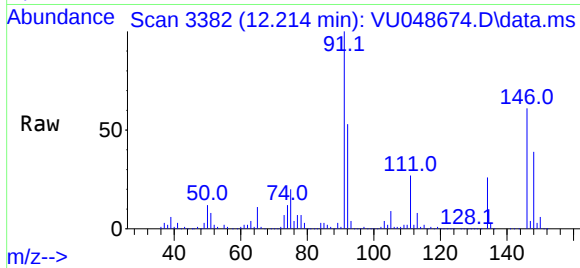
Tgt Ion:117 Resp: 371945
Ion Ratio Lower Upper
117 100
201 79.5 39.6 119.0





#91
1,2-Dichlorobenzene
Concen: 147.889 ug/l
RT: 12.214 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

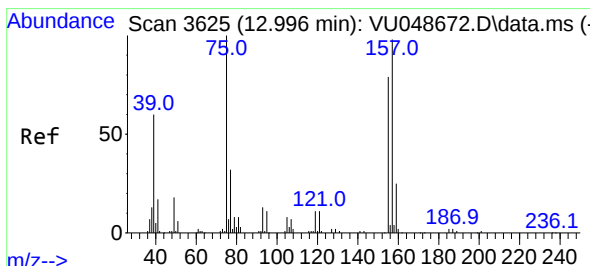
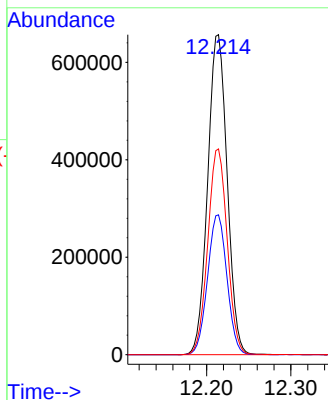
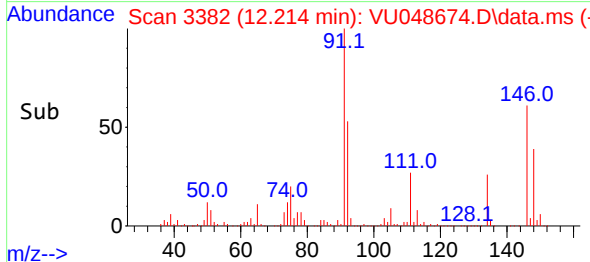
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150



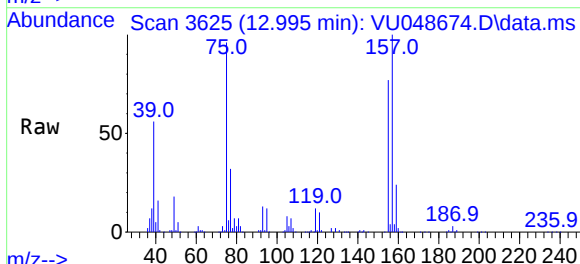
Tgt Ion:146 Resp: 105575
Ion Ratio Lower Upper
146 100
111 43.6 21.4 64.3
148 64.1 32.0 96.2

Manual Integrations
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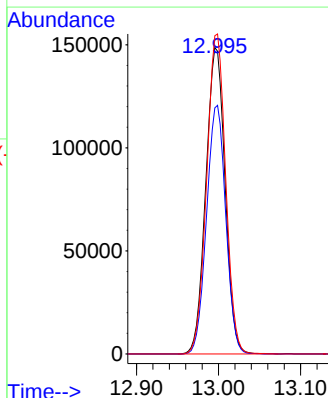
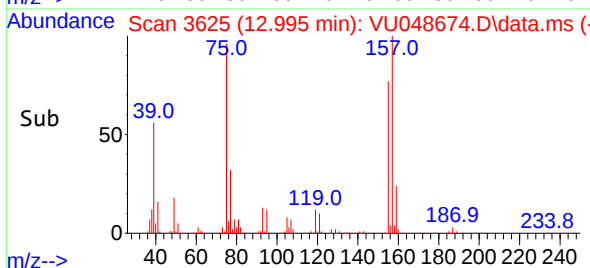
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

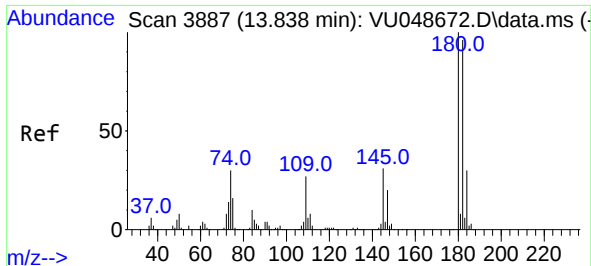


#92
1,2-Dibromo-3-Chloropropane
Concen: 153.829 ug/l
RT: 12.995 min Scan# 3625
Delta R.T. -0.000 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10



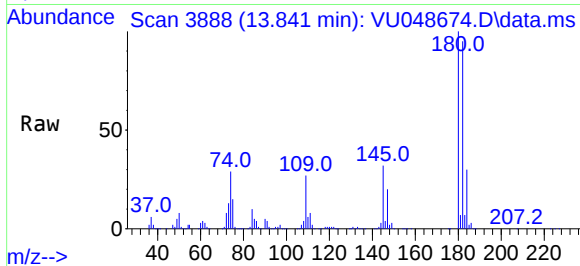
Tgt Ion: 75 Resp: 242577
Ion Ratio Lower Upper
75 100
155 80.9 40.3 120.8
157 103.1 50.0 150.0





#93
1,2,4-Trichlorobenzene
Concen: 157.458 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

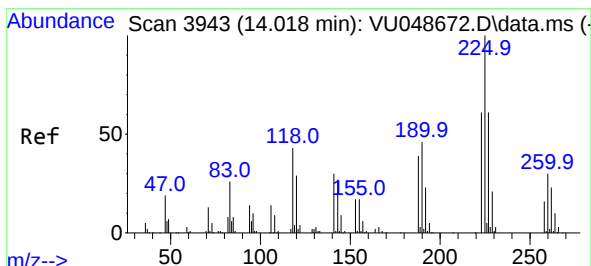
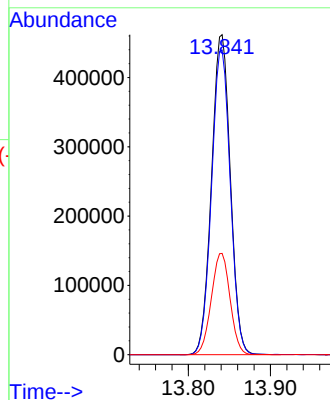
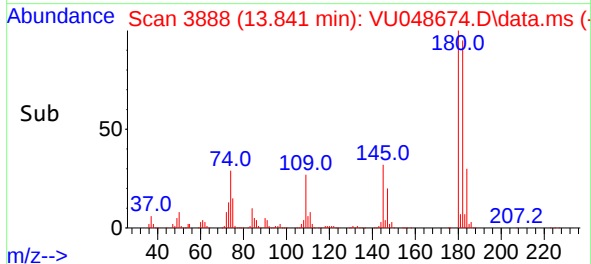
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



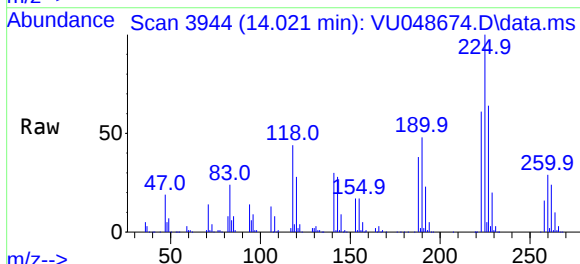
Tgt Ion:180 Resp: 73763
Ion Ratio Lower Upper
180 100
182 94.9 48.3 144.9
145 31.5 15.6 46.7

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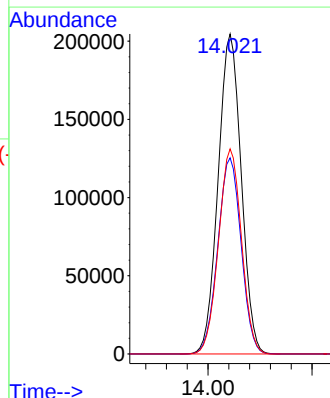
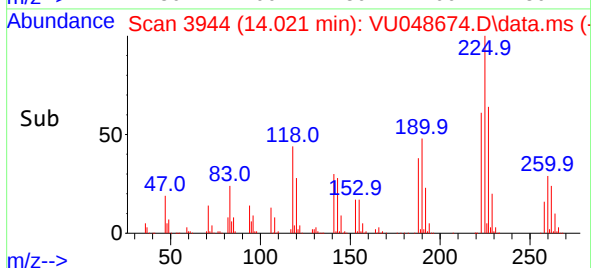
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

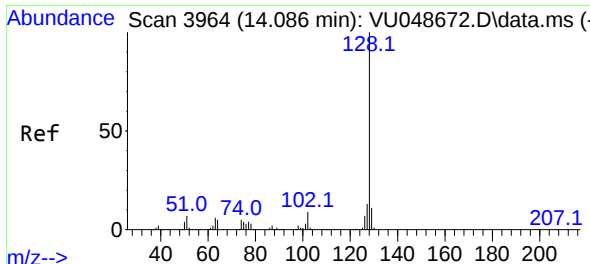


#94
Hexachlorobutadiene
Concen: 140.590 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.003 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10



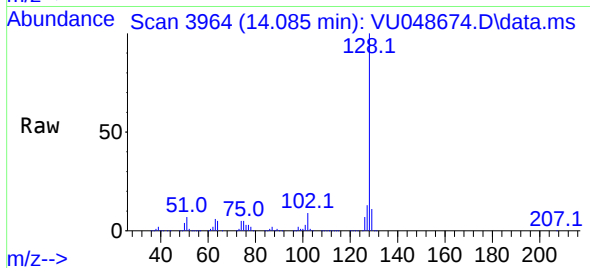
Tgt Ion:225 Resp: 315682
Ion Ratio Lower Upper
225 100
223 61.9 30.9 92.8
227 63.7 31.1 93.5





#95
Naphthalene
Concen: 177.125 ug/l
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10

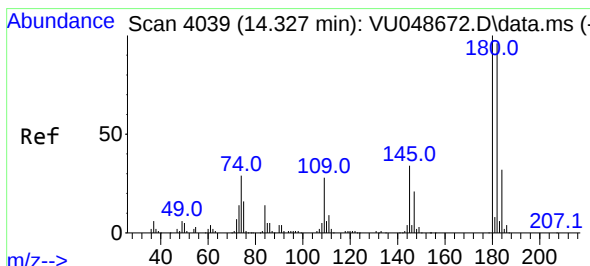
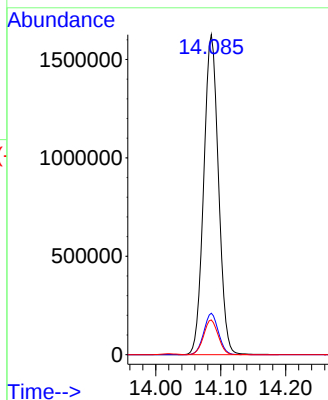
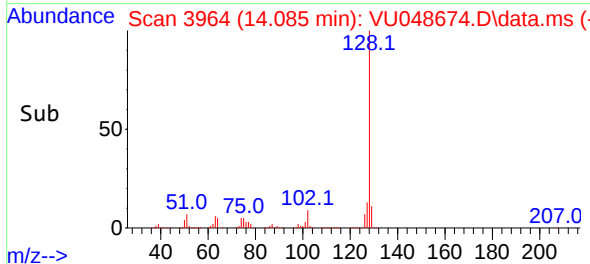
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150



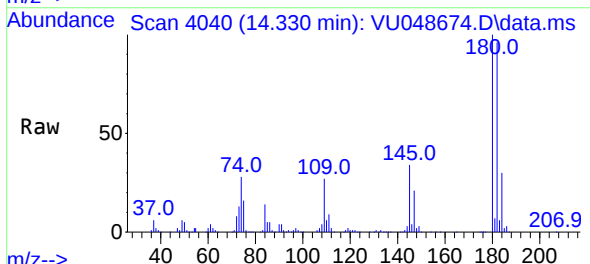
Tgt Ion:128 Resp: 2573564
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#96
1,2,3-Trichlorobenzene
Concen: 156.681 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU048674.D
Acq: 26 May 2022 12:10



Tgt Ion:180 Resp: 726980
Ion Ratio Lower Upper
180 100
182 95.2 47.4 142.2
145 33.0 16.6 49.8

