

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011923\
 Data File : VU052739.D
 Acq On : 19 Jan 2023 15:13
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC150

Quant Time: Jan 20 00:37:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011923W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 20 00:33:41 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/20/2023
 Supervised By : Mahesh Dadoda 01/20/2023

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	226344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	364828	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	348361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	194195	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	455676	128.321	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 256.640%#			
35) Dibromofluoromethane	5.285	113	367944	145.920	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 291.840%#			
50) Toluene-d8	7.896	98	1410853	146.540	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 293.080%#			
62) 4-Bromofluorobenzene	10.629	95	543930	155.879	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 311.760%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	380899	136.627	ug/l	98
3) Chloromethane	1.520	50	365529	93.205	ug/l	98
4) Vinyl Chloride	1.604	62	403982	117.613	ug/l	99
5) Bromomethane	1.858	94	217791	111.898	ug/l	99
6) Chloroethane	1.932	64	241456	116.130	ug/l	100
7) Trichlorofluoromethane	2.134	101	596106	134.619	ug/l	99
8) Diethyl Ether	2.375	74	225218	125.604	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.578	101	355821	135.464	ug/l	98
10) Methyl Iodide	2.719	142	352716	133.598	ug/l	99
11) Tert butyl alcohol	3.272	59	375089m	539.727	ug/l	
12) 1,1-Dichloroethene	2.578	96	345538	133.465	ug/l	99
13) Acrolein	2.485	56	380557	473.709	ug/l	98
14) Allyl chloride	2.919	41	587329	117.699	ug/l	98
15) Acrylonitrile	3.314	53	1122420	604.420	ug/l	100
16) Acetone	2.636	43	1128160	625.517	ug/l	98
17) Carbon Disulfide	2.790	76	1025208	126.001	ug/l	99
18) Methyl Acetate	2.945	43	624531	119.489	ug/l	100
19) Methyl tert-butyl Ether	3.359	73	1256887	140.142	ug/l	99
20) Methylene Chloride	3.044	84	404994	105.678	ug/l	99
21) trans-1,2-Dichloroethene	3.350	96	383888	136.862	ug/l	97
22) Diisopropyl ether	3.986	45	1182287	122.743	ug/l	98
23) Vinyl Acetate	3.951	43	4790882	639.523	ug/l	100
24) 1,1-Dichloroethane	3.864	63	714318	124.791	ug/l	99
25) 2-Butanone	4.703	43	1519159	616.046	ug/l	99
26) 2,2-Dichloropropane	4.661	77	618486	137.336	ug/l	99
27) cis-1,2-Dichloroethene	4.661	96	436549	135.702	ug/l	99
28) Bromochloromethane	4.970	49	297458	114.351	ug/l	100
29) Tetrahydrofuran	5.051	42	887273	595.563	ug/l	100
30) Chloroform	5.086	83	715527	121.558	ug/l	99
31) Cyclohexane	5.385	56	646682	120.988	ug/l	99
32) 1,1,1-Trichloroethane	5.314	97	631258	136.102	ug/l	99
36) 1,1-Dichloropropene	5.523	75	553096	142.302	ug/l	99
37) Ethyl Acetate	4.800	43	556615	113.775	ug/l	99
38) Carbon Tetrachloride	5.523	117	559373	152.414	ug/l	98
39) Methylcyclohexane	6.761	83	702709	157.078	ug/l	99
40) Benzene	5.771	78	1604542	139.175	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	305722	134.165	ug/l	99
42) 1,2-Dichloroethane	5.790	62	574311	138.160	ug/l	100
43) Isopropyl Acetate	5.906	43	889971	138.997	ug/l	99
44) Trichloroethene	6.539	130	416429	151.556	ug/l	99
45) 1,2-Dichloropropane	6.787	63	416731	131.960	ug/l	98
46) Dibromomethane	6.915	93	287543	142.716	ug/l	99
47) Bromodichloromethane	7.102	83	581211	141.186	ug/l	100
48) Methyl methacrylate	6.957	41	431136	144.672	ug/l	98
49) 1,4-Dioxane	7.021	88	112800	1986.722	ug/l #	27
51) 4-Methyl-2-Pentanone	7.793	43	2816865	675.014	ug/l	99
52) Toluene	7.967	92	1032621	151.737	ug/l	99
53) t-1,3-Dichloropropene	8.208	75	675542	155.714	ug/l	99
54) cis-1,3-Dichloropropene	7.603	75	717259	152.681	ug/l	99
55) 1,1,2-Trichloroethane	8.398	97	400088	141.875	ug/l	99
56) Ethyl methacrylate	8.330	69	680072	165.325	ug/l	99
57) 1,3-Dichloropropane	8.571	76	713870	143.123	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.459	63	126789	866.457	ug/l	99
59) 2-Hexanone	8.687	43	2234868	699.914	ug/l	99
60) Dibromochloromethane	8.809	129	458156	155.566	ug/l	98
61) 1,2-Dibromoethane	8.922	107	439099	153.527	ug/l	100
64) Tetrachloroethene	8.552	164	354450	156.479	ug/l	98
65) Chlorobenzene	9.443	112	1098752	149.012	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.533	131	410398	153.196	ug/l	99
67) Ethyl Benzene	9.568	91	2000379	157.234	ug/l	100
68) m/p-Xylenes	9.690	106	1566309	325.212	ug/l	100
69) o-Xylene	10.099	106	759052	165.562	ug/l	98
70) Styrene	10.111	104	1288217	167.794	ug/l	100
71) Bromoform	10.288	173	360388	159.233	ug/l #	98
73) Isopropylbenzene	10.481	105	1986973	150.866	ug/l	100
74) N-amyl acetate	10.317	43	818606	139.205	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.780	83	689343	124.735	ug/l	100
76) 1,2,3-Trichloropropane	10.822	75	776983	128.768	ug/l	99
77) Bromobenzene	10.780	156	482031	145.764	ug/l	99
78) n-propylbenzene	10.902	91	2422545	152.016	ug/l	99
79) 2-Chlorotoluene	10.983	91	1397328	142.934	ug/l	99
80) 1,3,5-Trimethylbenzene	11.086	105	1723511	155.242	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.545	75	227085	145.390	ug/l	97
82) 4-Chlorotoluene	11.092	91	1647018	148.327	ug/l	99
83) tert-Butylbenzene	11.417	119	1734189	156.647	ug/l	99
84) 1,2,4-Trimethylbenzene	11.465	105	1728672	158.040	ug/l	100
85) sec-Butylbenzene	11.642	105	2225802	159.918	ug/l	100
86) p-Isopropyltoluene	11.790	119	1900530	166.385	ug/l	100
87) 1,3-Dichlorobenzene	11.742	146	946971	148.474	ug/l	99
88) 1,4-Dichlorobenzene	11.835	146	956115	146.953	ug/l	99
89) n-Butylbenzene	12.205	91	1727573	167.746	ug/l	99
90) Hexachloroethane	12.471	117	335217	150.494	ug/l	98
91) 1,2-Dichlorobenzene	12.208	146	932026	147.534	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.992	75	160445	135.953	ug/l	99
93) 1,2,4-Trichlorobenzene	13.835	180	652956	176.278	ug/l	100
94) Hexachlorobutadiene	14.018	225	321583	163.225	ug/l	99
95) Naphthalene	14.082	128	1915125	173.218	ug/l	100
96) 1,2,3-Trichlorobenzene	14.327	180	630889	169.708	ug/l	100

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Jan 20 00:33:41 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

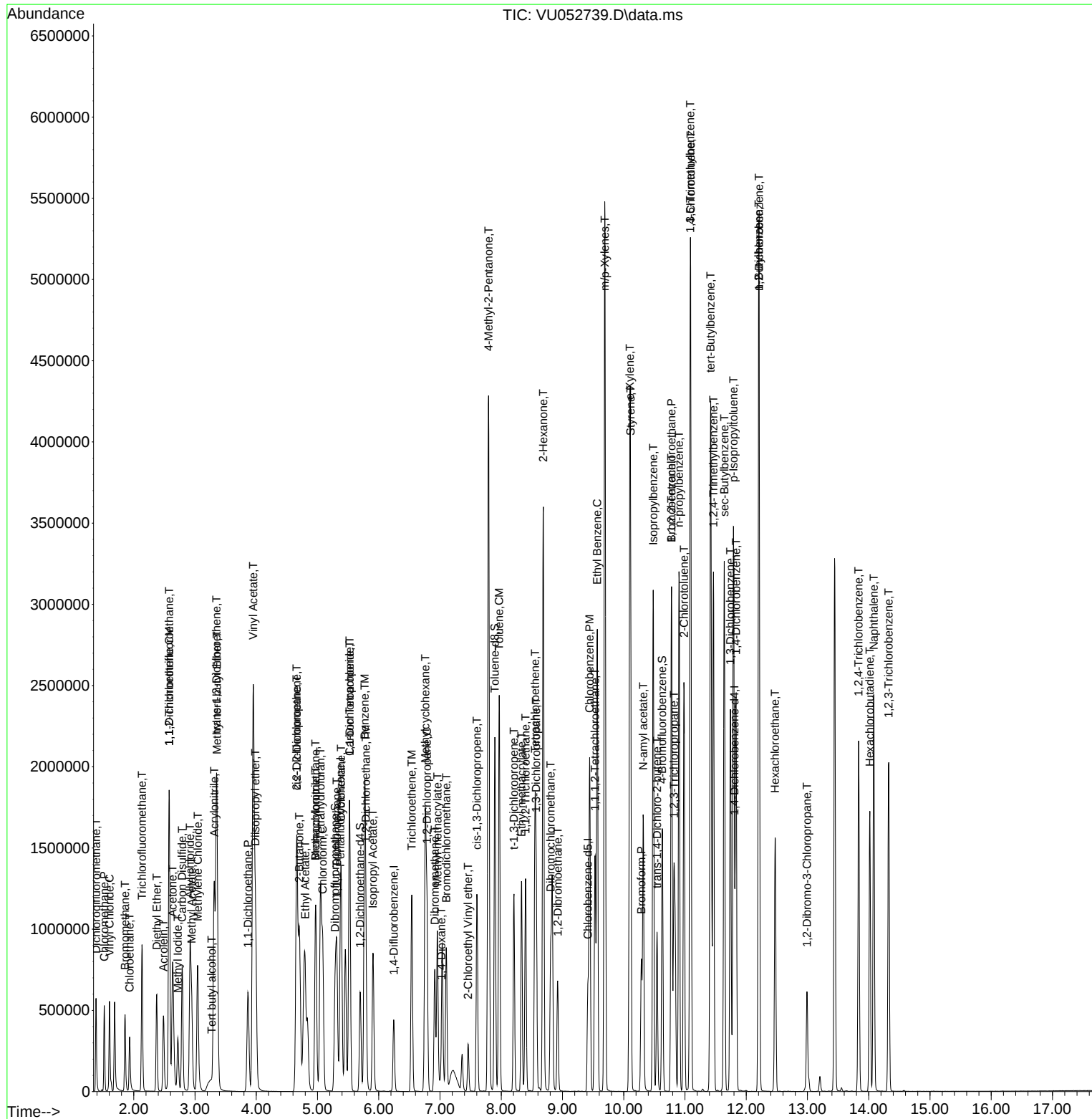
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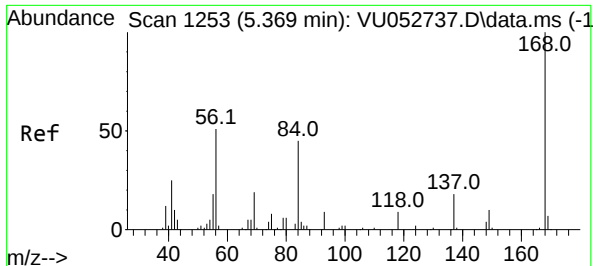
Instrument :
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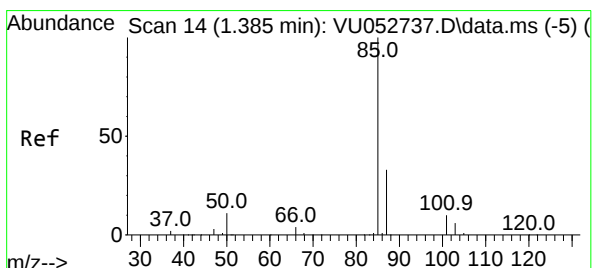
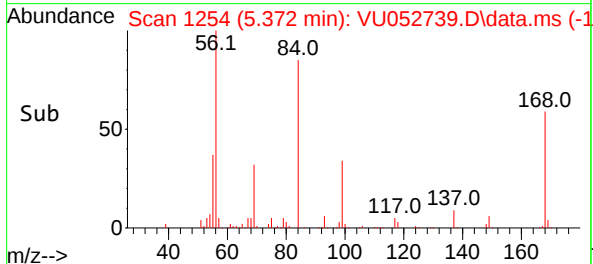
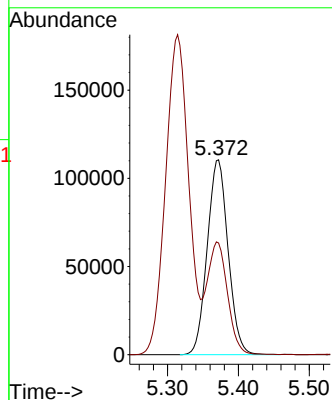
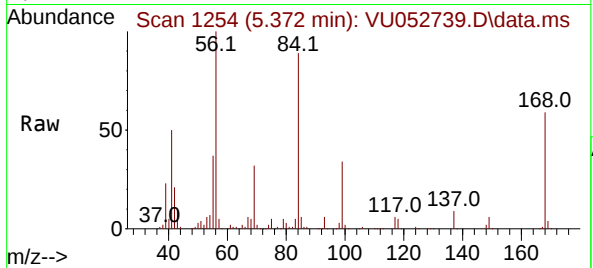
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU052739.D
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ClientSampleId :
VSTDIC150

Tgt Ion:168 Resp: 226344
Ion Ratio Lower Upper
168 100
99 57.2 46.4 69.6

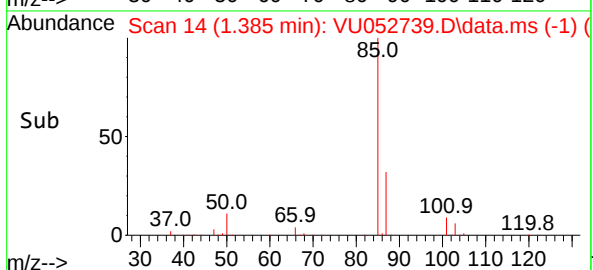
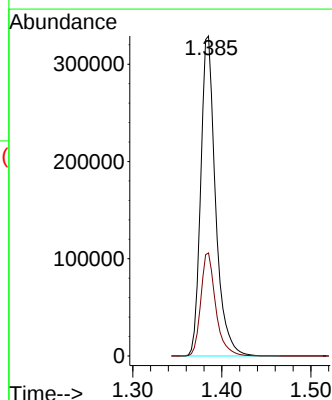
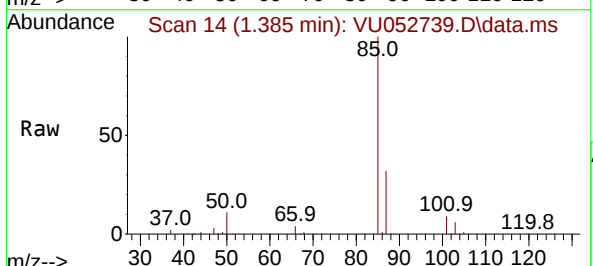
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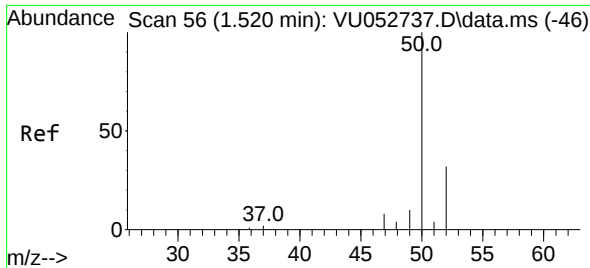
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#2
Dichlorodifluoromethane
Concen: 136.627 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

Tgt Ion: 85 Resp: 380899
Ion Ratio Lower Upper
85 100
87 32.2 16.6 49.7





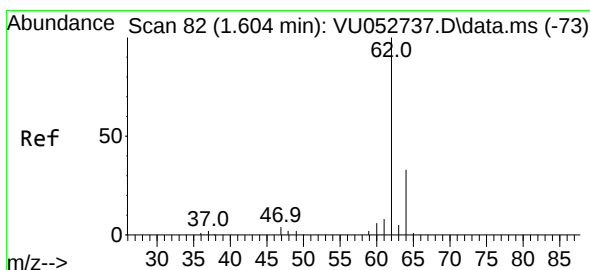
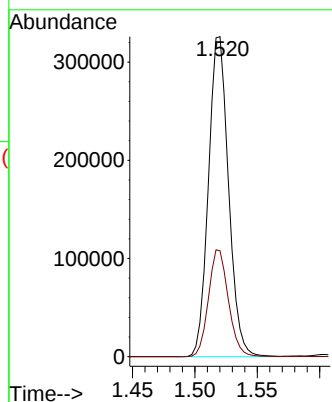
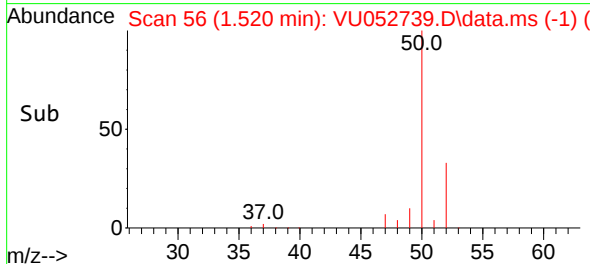
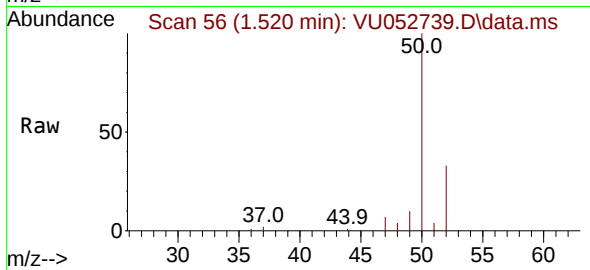
#3
Chloromethane
Concen: 93.205 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 50 Resp: 365529
Ion Ratio Lower Upper
50 100
52 33.1 25.8 38.6

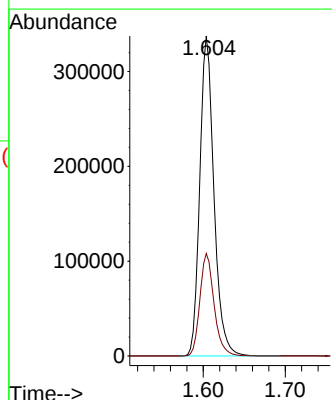
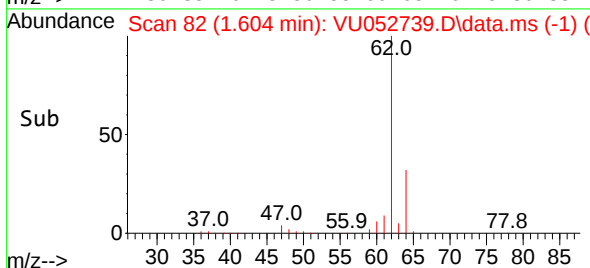
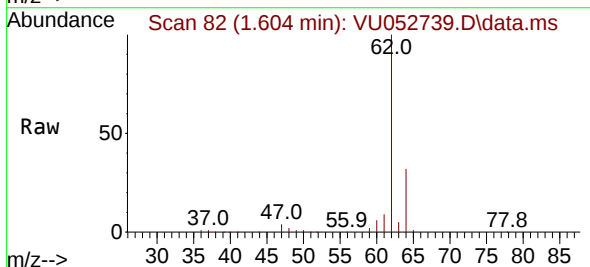
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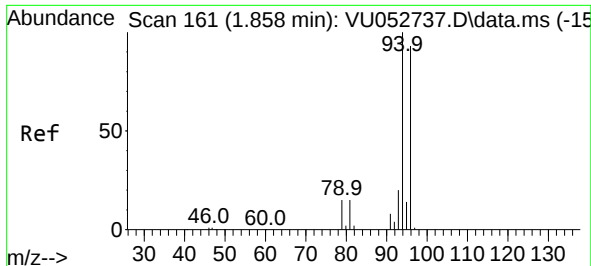
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#4
Vinyl Chloride
Concen: 117.613 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

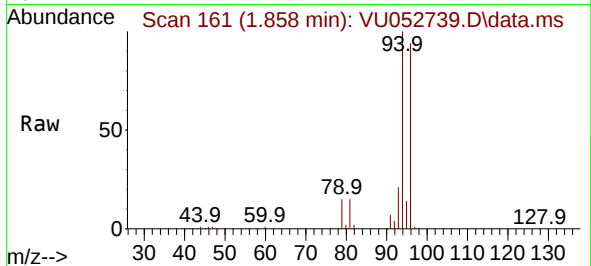
Tgt Ion: 62 Resp: 403982
Ion Ratio Lower Upper
62 100
64 32.0 26.1 39.1





#5
Bromomethane
Concen: 111.898 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.000 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

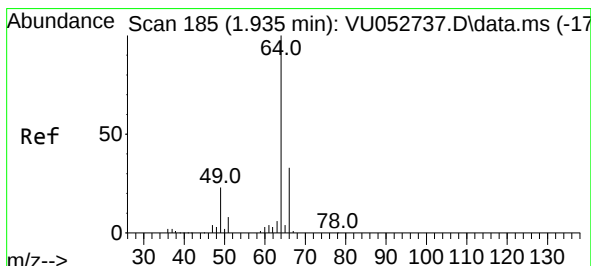
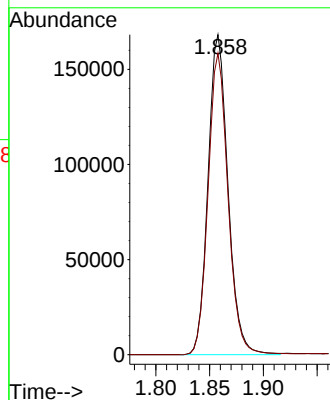
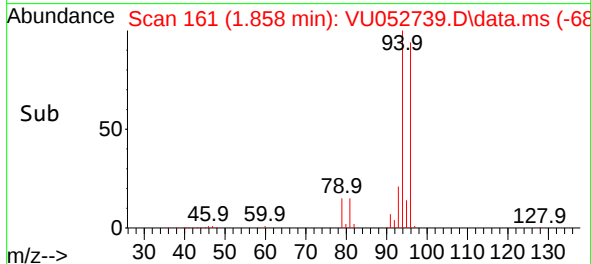
Instrument :
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Tgt Ion: 94 Resp: 21779
Ion Ratio Lower Upper
94 100
96 94.2 74.3 111.5

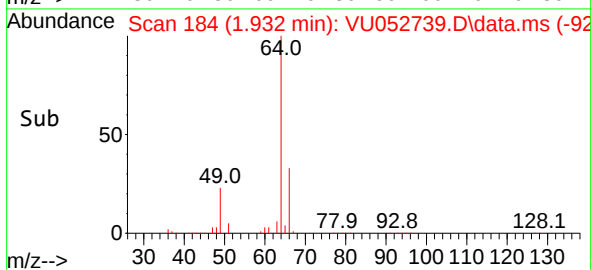
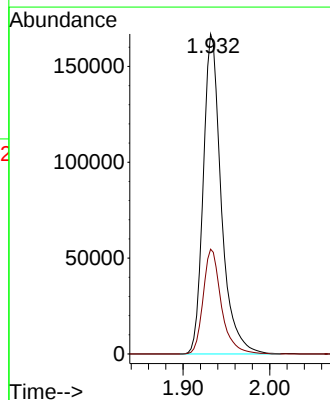
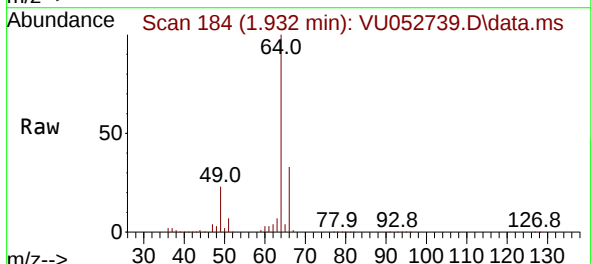
Manual Integrations
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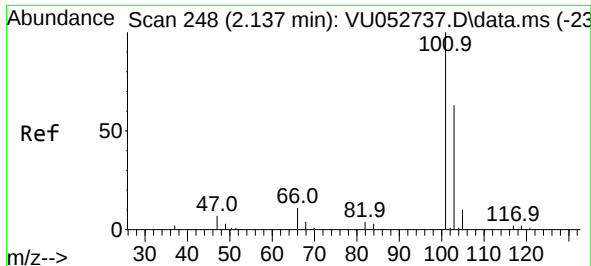
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#6
Chloroethane
Concen: 116.130 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

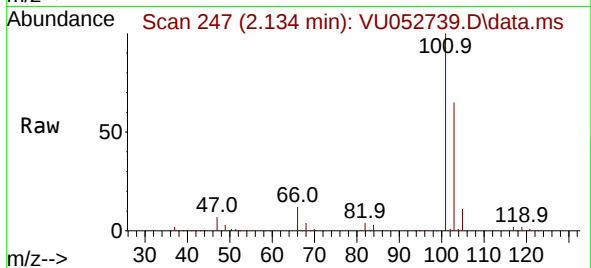
Tgt Ion: 64 Resp: 241456
Ion Ratio Lower Upper
64 100
66 32.8 26.1 39.1





#7
Trichlorofluoromethane
Concen: 134.619 ug/l
RT: 2.134 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

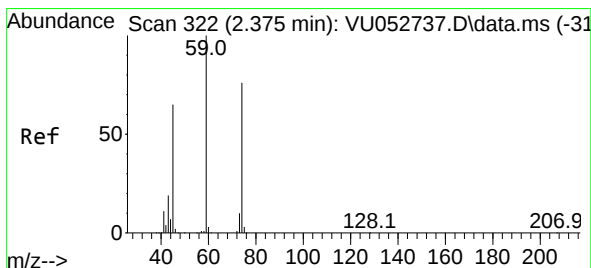
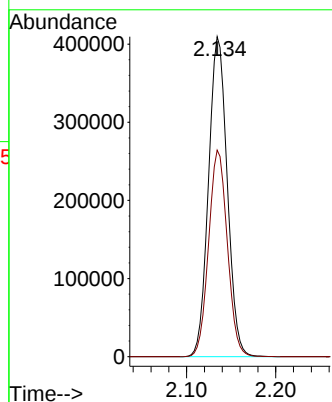
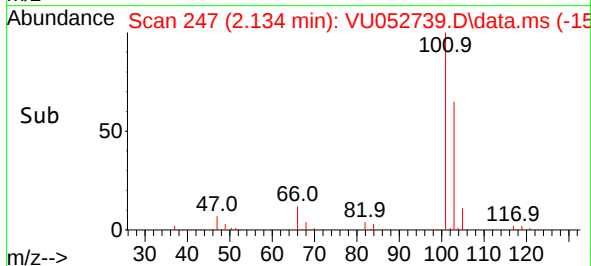
Instrument :
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Tgt Ion:101 Resp: 596100
Ion Ratio Lower Upper
101 100
103 64.6 50.7 76.1

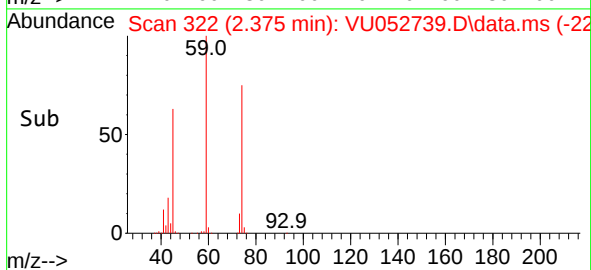
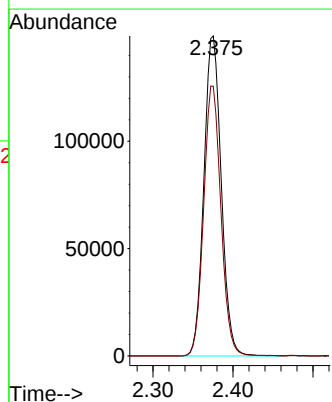
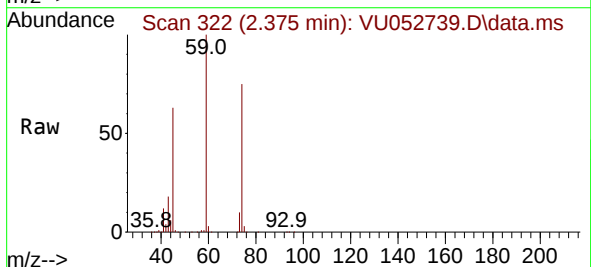
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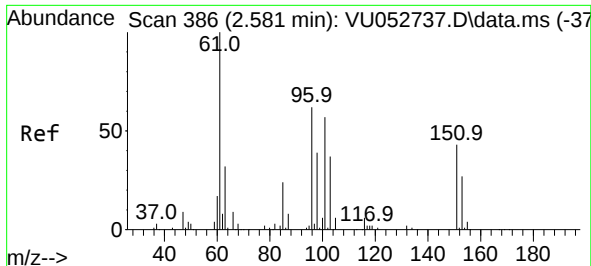
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#8
Diethyl Ether
Concen: 125.604 ug/l
RT: 2.375 min Scan# 322
Delta R.T. 0.000 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

Tgt Ion: 74 Resp: 225218
Ion Ratio Lower Upper
74 100
45 84.1 42.4 127.3





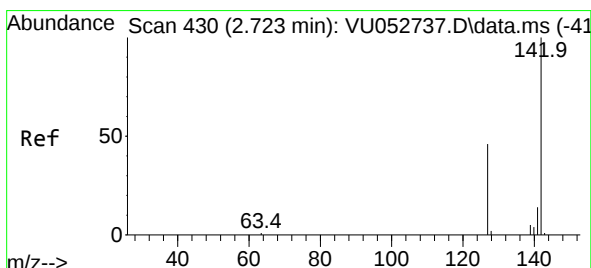
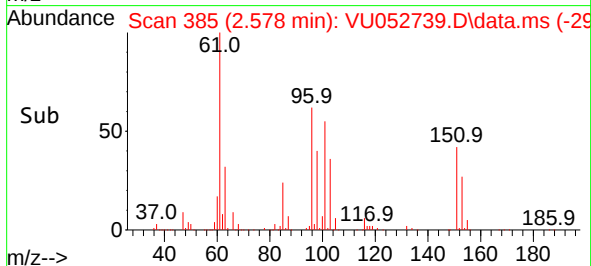
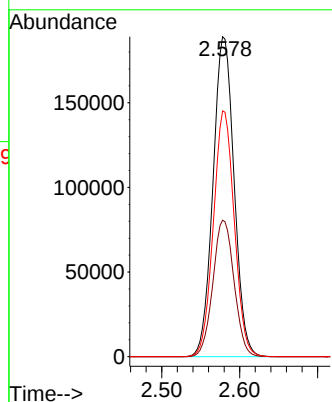
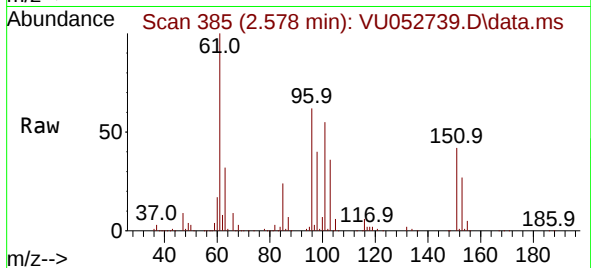
#9
1,1,2-Trichlorotrifluoroethane
Concen: 135.464 ug/l
RT: 2.578 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 35582
Ion Ratio Lower Upper
101 100
85 42.8 35.1 52.7
151 76.1 61.9 92.9

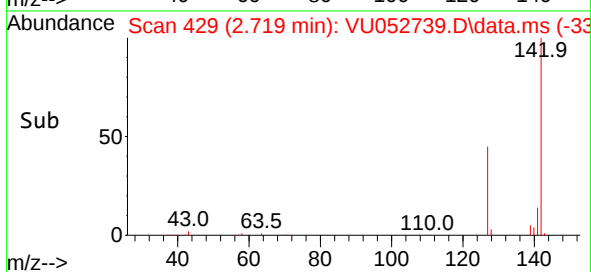
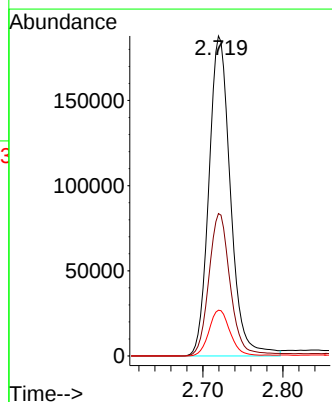
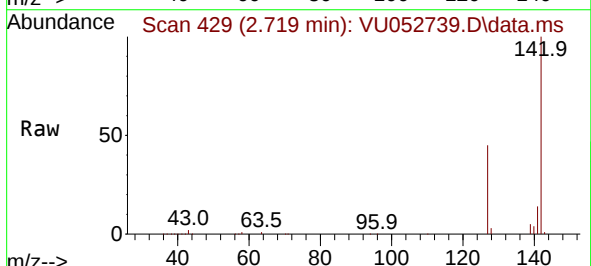
Manual Integrations
APPROVED

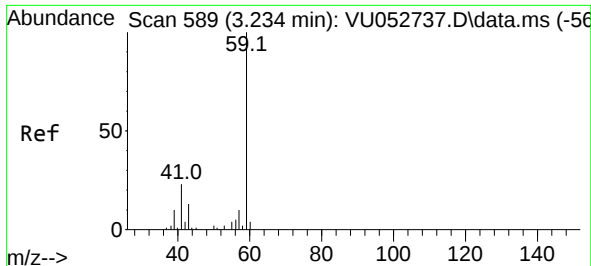
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#10
Methyl Iodide
Concen: 133.598 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.003 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

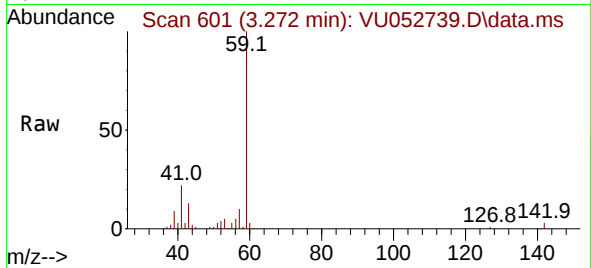
Tgt Ion:142 Resp: 352716
Ion Ratio Lower Upper
142 100
127 44.8 36.3 54.5
141 14.0 11.8 17.6





#11
Tert butyl alcohol
Concen: 539.727 ug/l m
RT: 3.272 min Scan# 601
Delta R.T. 0.039 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

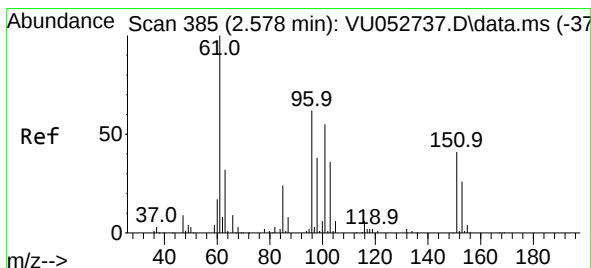
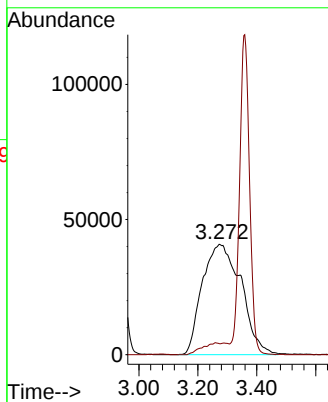
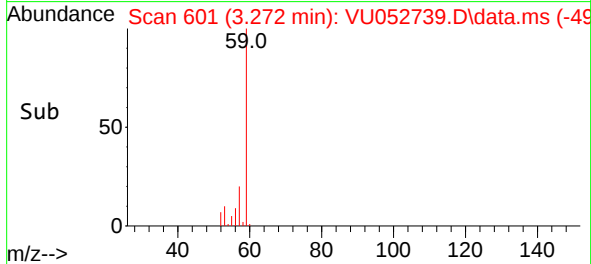
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



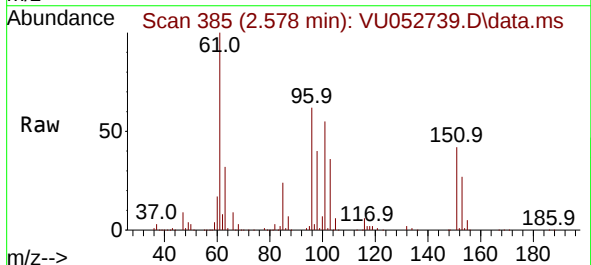
Tgt Ion: 59 Resp: 375089
Ion Ratio Lower Upper
59 100
57 4.8 3.0 4.6

Manual Integrations
APPROVED

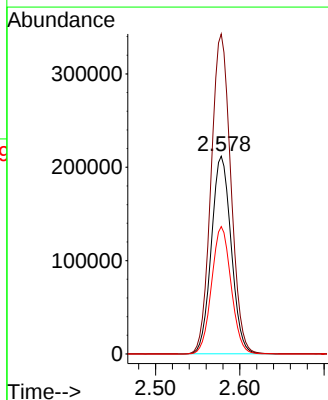
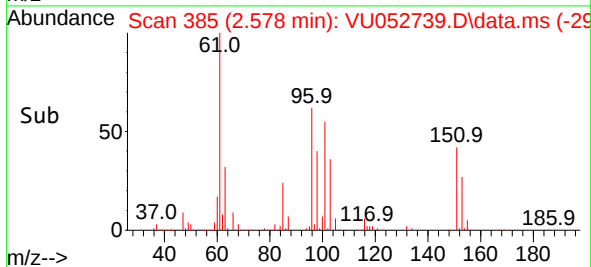
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

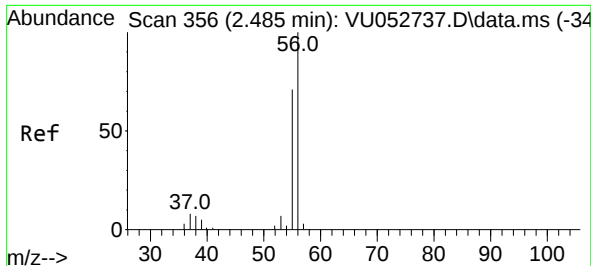


#12
1,1-Dichloroethene
Concen: 133.465 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13



Tgt Ion: 96 Resp: 345538
Ion Ratio Lower Upper
96 100
61 161.9 129.8 194.6
98 64.4 49.9 74.9





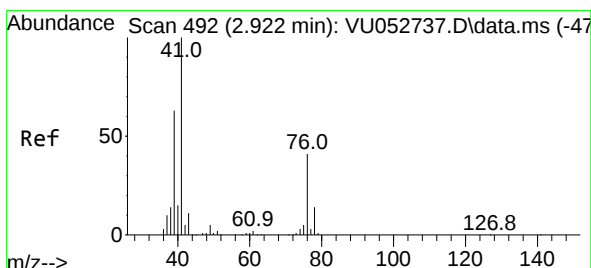
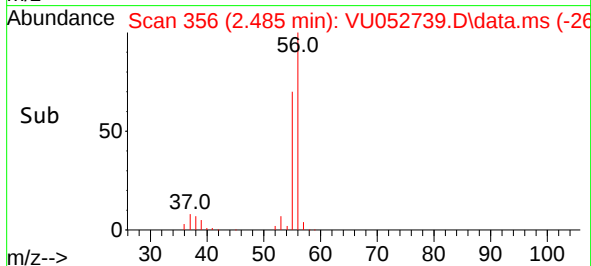
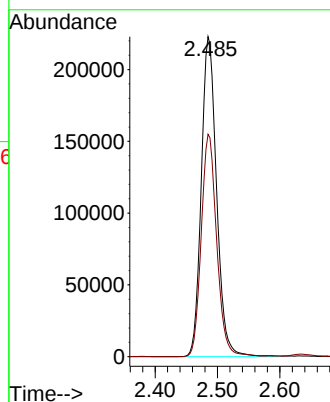
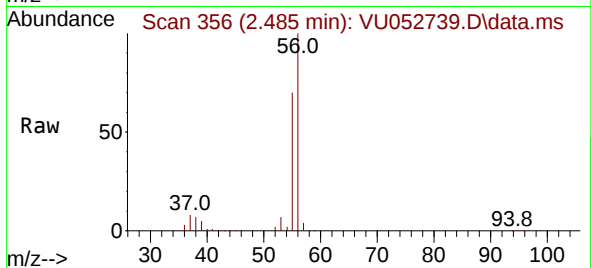
#13
Acrolein
Concen: 473.709 ug/l
RT: 2.485 min Scan# 356
Delta R.T. 0.000 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 56 Resp: 38055
Ion Ratio Lower Upper
56 100
55 70.2 57.2 85.8

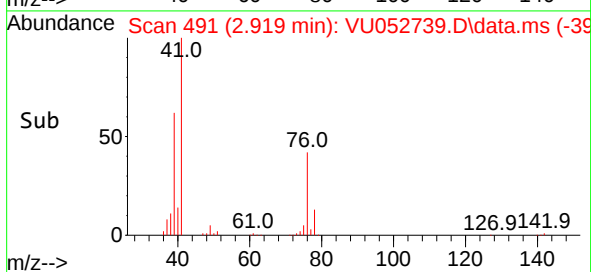
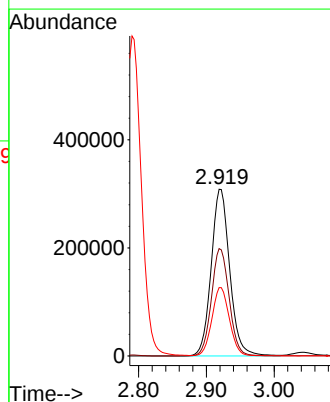
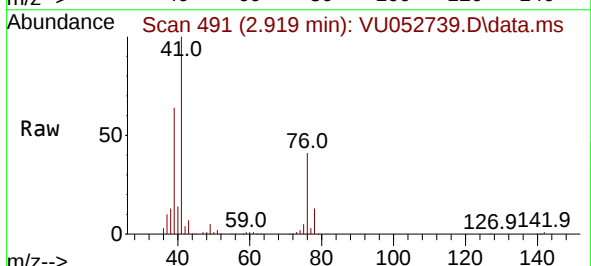
Manual Integrations
APPROVED

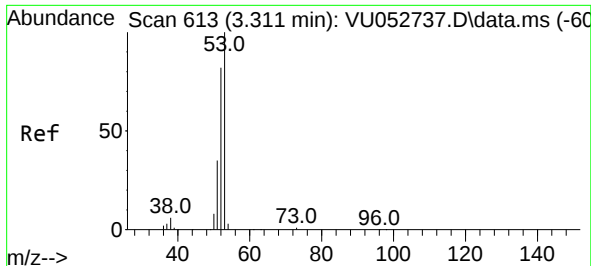
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#14
Allyl chloride
Concen: 117.699 ug/l
RT: 2.919 min Scan# 491
Delta R.T. -0.003 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

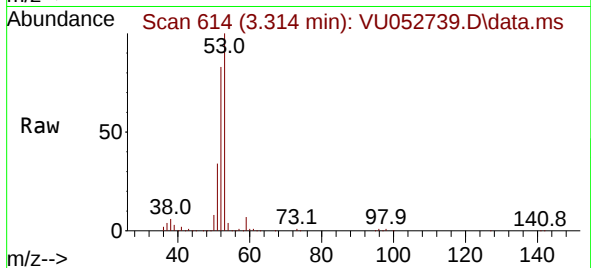
Tgt Ion: 41 Resp: 587329
Ion Ratio Lower Upper
41 100
39 61.4 48.2 72.2
76 38.5 29.4 44.0





#15
Acrylonitrile
Concen: 604.420 ug/l
RT: 3.314 min Scan# 613
Delta R.T. 0.003 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

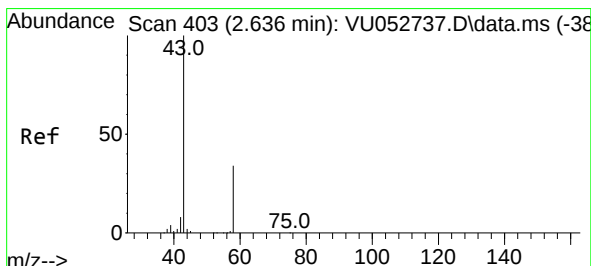
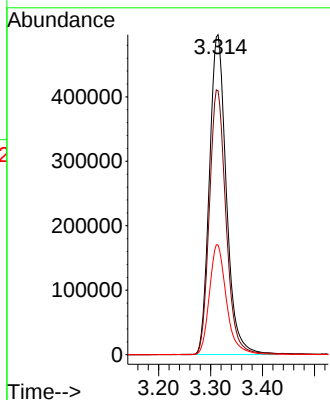
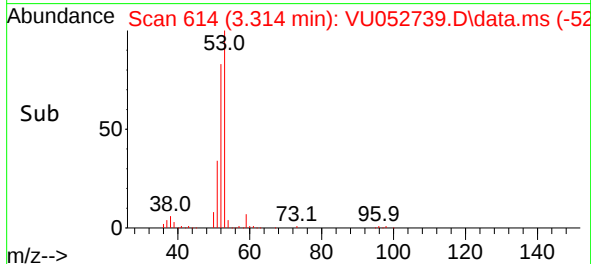
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



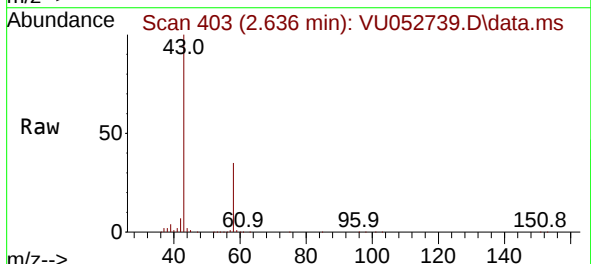
Tgt Ion: 53 Resp: 1122420
Ion Ratio Lower Upper
53 100
52 81.5 64.9 97.3
51 34.6 27.6 41.4

Manual Integrations
APPROVED

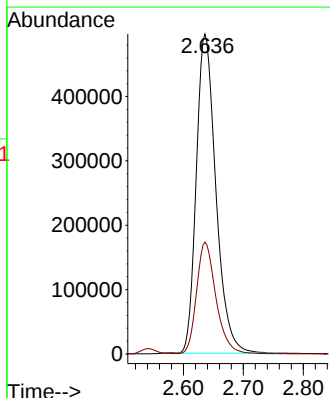
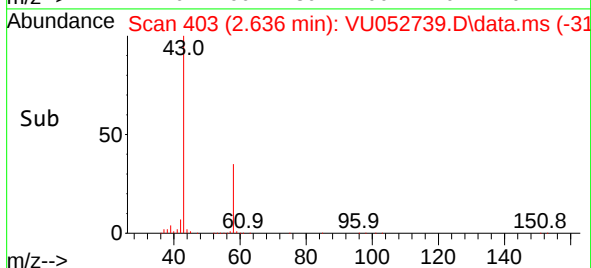
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

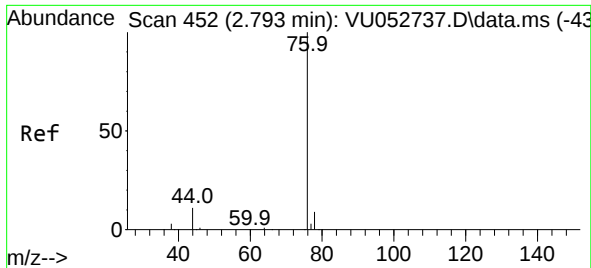


#16
Acetone
Concen: 625.517 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.000 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13



Tgt Ion: 43 Resp: 1128160
Ion Ratio Lower Upper
43 100
58 34.9 27.1 40.7





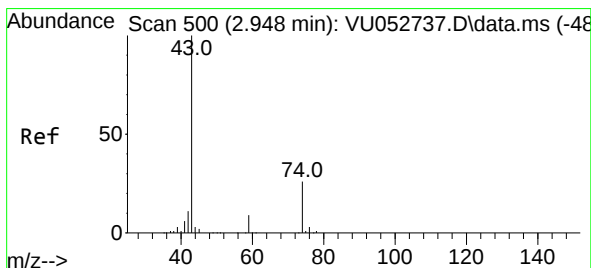
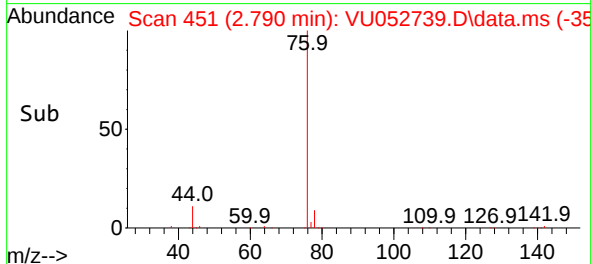
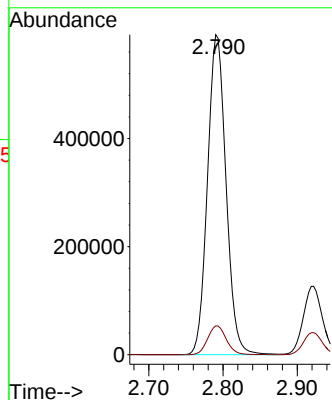
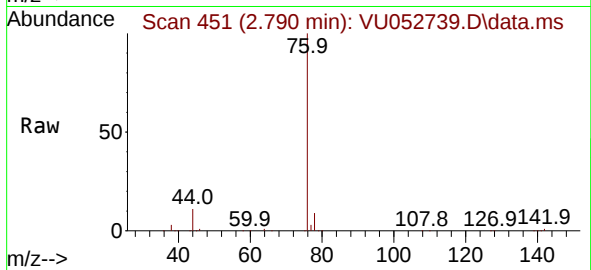
#17
Carbon Disulfide
Concen: 126.001 ug/l
RT: 2.790 min Scan# 410
Delta R.T. -0.003 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 76 Resp: 1025208
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

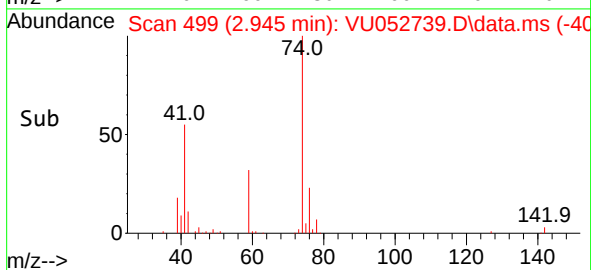
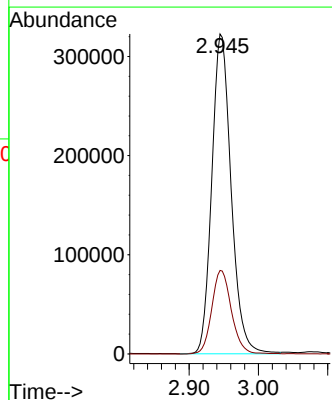
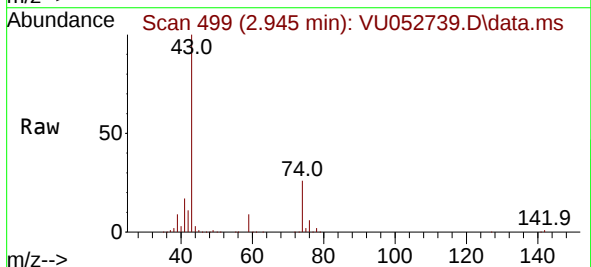
Manual Integrations
APPROVED

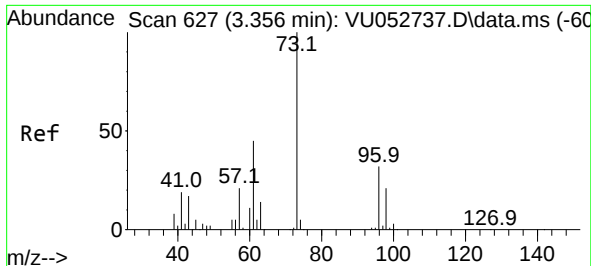
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#18
Methyl Acetate
Concen: 119.489 ug/l
RT: 2.945 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

Tgt Ion: 43 Resp: 624531
Ion Ratio Lower Upper
43 100
74 26.6 21.1 31.7





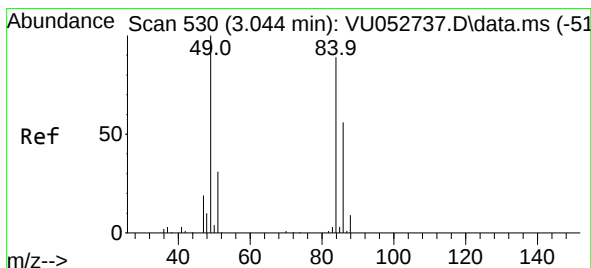
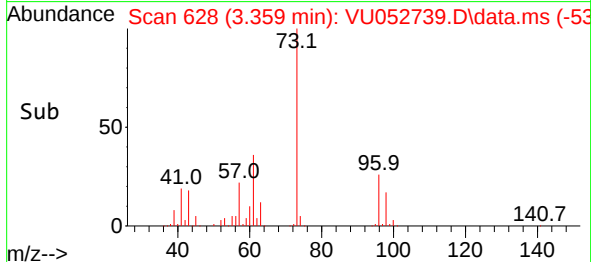
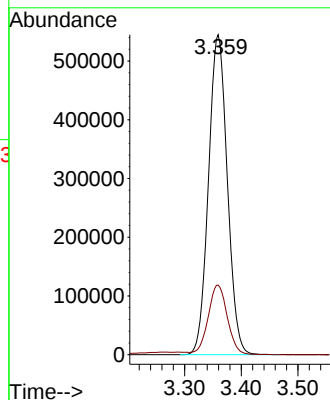
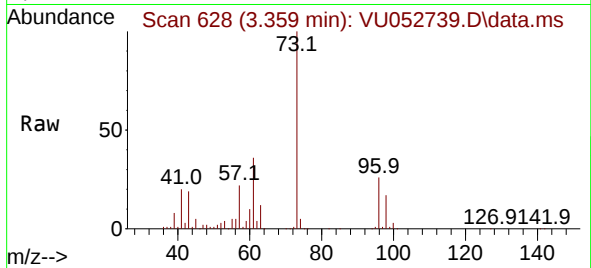
#19
Methyl tert-butyl Ether
Concen: 140.142 ug/l
RT: 3.359 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 73 Resp: 125688
Ion Ratio Lower Upper
73 100
57 21.7 16.9 25.3

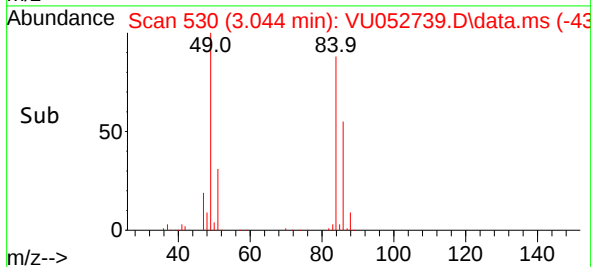
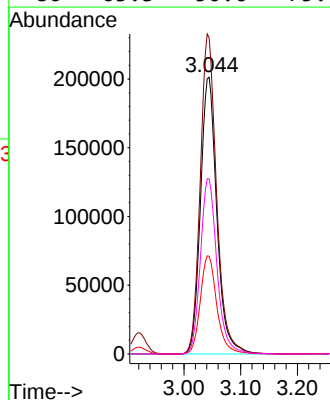
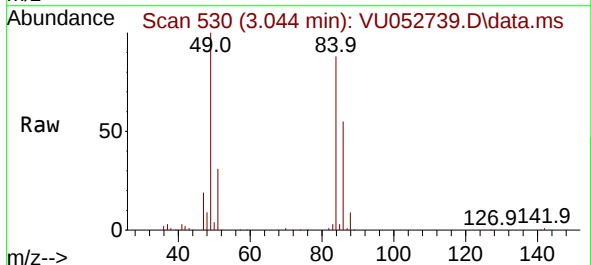
Manual Integrations
APPROVED

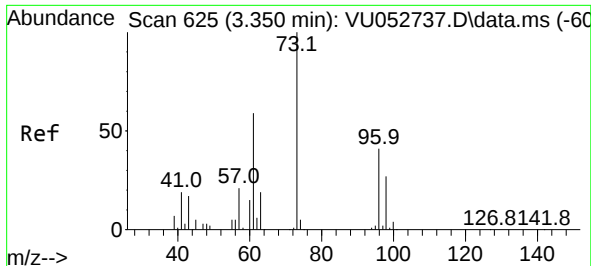
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#20
Methylene Chloride
Concen: 105.678 ug/l
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

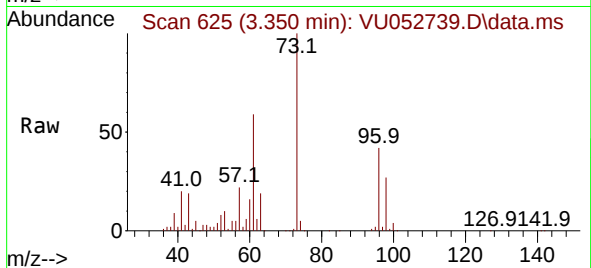
Tgt Ion: 84 Resp: 404994
Ion Ratio Lower Upper
84 100
49 114.2 90.2 135.4
51 35.3 28.1 42.1
86 63.3 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 136.862 ug/l
RT: 3.350 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

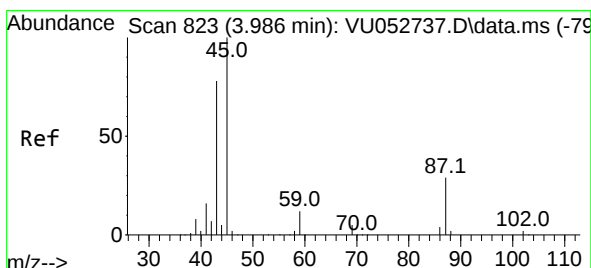
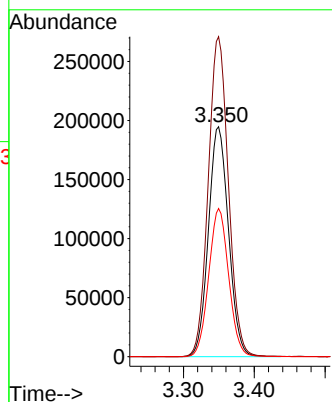
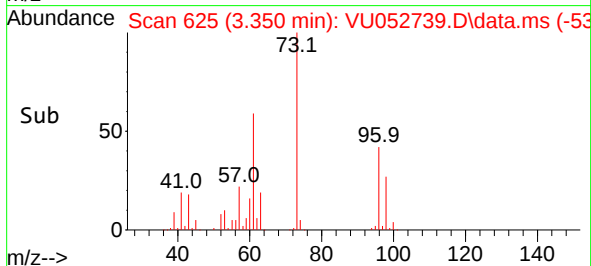
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



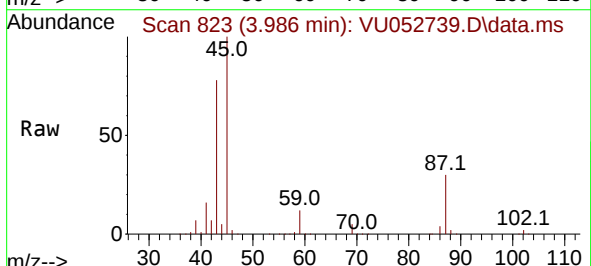
Tgt Ion: 96 Resp: 38388
Ion Ratio Lower Upper
96 100
61 139.2 114.7 172.1
98 64.5 52.4 78.6

Manual Integrations
APPROVED

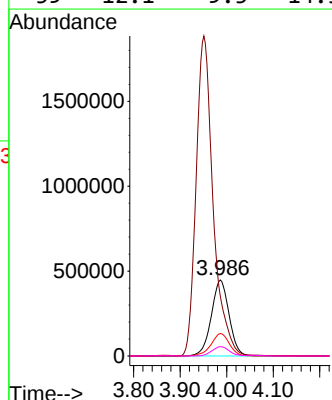
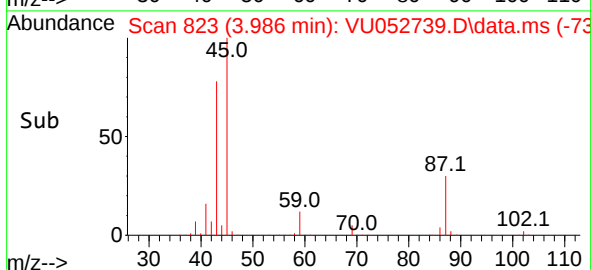
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

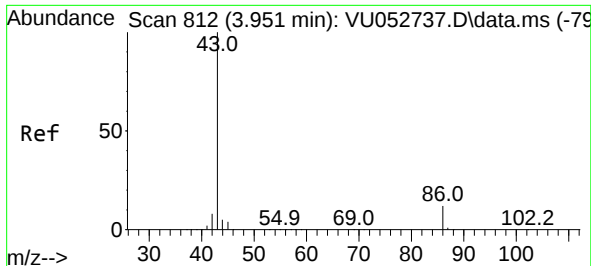


#22
Diisopropyl ether
Concen: 122.743 ug/l
RT: 3.986 min Scan# 823
Delta R.T. 0.000 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13



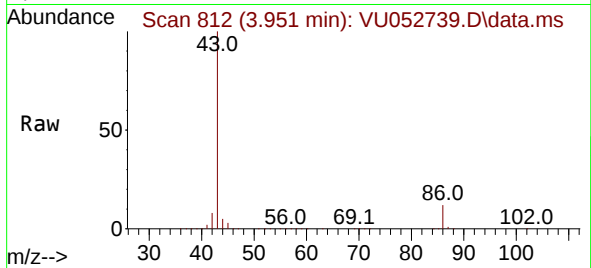
Tgt Ion: 45 Resp: 1182287
Ion Ratio Lower Upper
45 100
43 78.3 64.6 97.0
87 29.5 23.2 34.8
59 12.1 9.5 14.3





#23
 Vinyl Acetate
 Concen: 639.523 ug/l
 RT: 3.951 min Scan# 812
 Delta R.T. 0.000 min
 Lab File: VU052739.D
 Acq: 19 Jan 2023 15:13

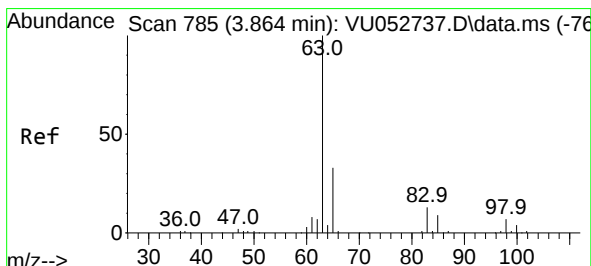
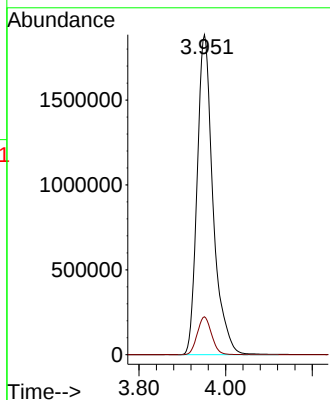
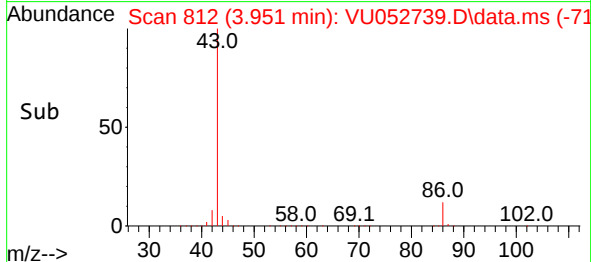
Instrument :
 MSVOA_U
 Client Sample Id :
 VSTDIC150



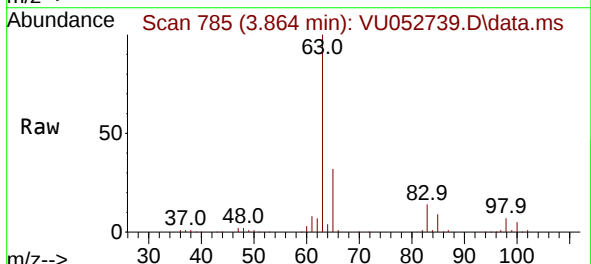
Tgt Ion: 43 Resp: 479088
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.4 14.0

Manual Integrations
 APPROVED

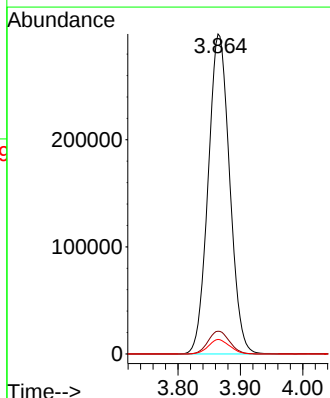
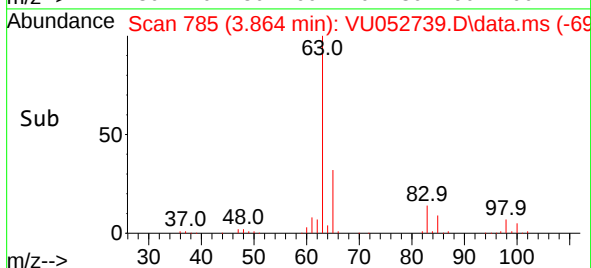
Reviewed By :John Carlone 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023

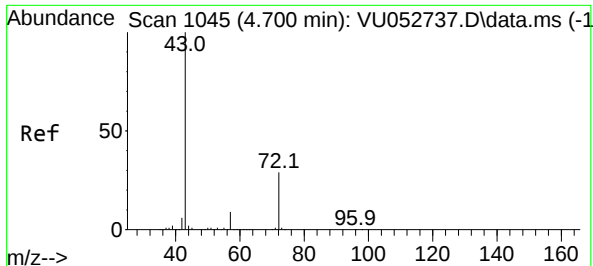


#24
 1,1-Dichloroethane
 Concen: 124.791 ug/l
 RT: 3.864 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VU052739.D
 Acq: 19 Jan 2023 15:13



Tgt Ion: 63 Resp: 714318
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.9
 100 4.6 2.2 6.6





#25

2-Butanone

Concen: 616.046 ug/l

RT: 4.703 min Scan# 1045

Delta R.T. 0.003 min

Lab File: VU052739.D

Acq: 19 Jan 2023 15:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 151915

Ion Ratio Lower Upper

43 100

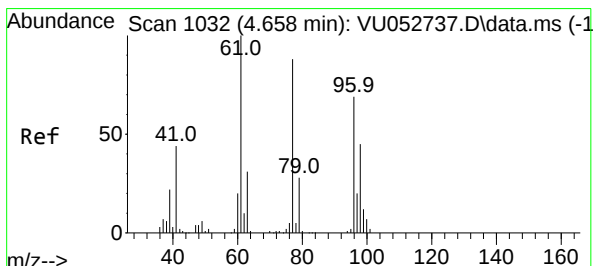
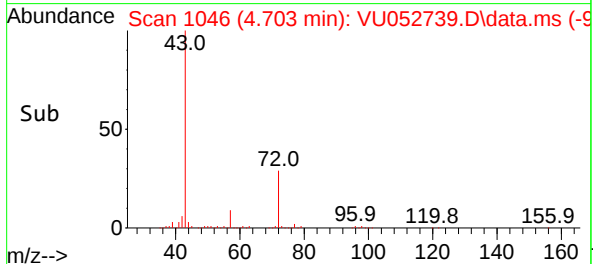
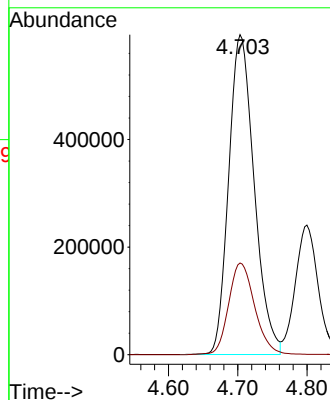
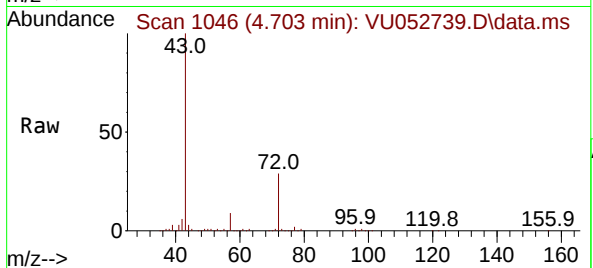
72 28.7 23.3 34.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#26

2,2-Dichloropropane

Concen: 137.336 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VU052739.D

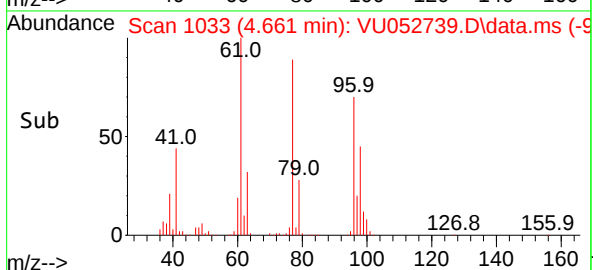
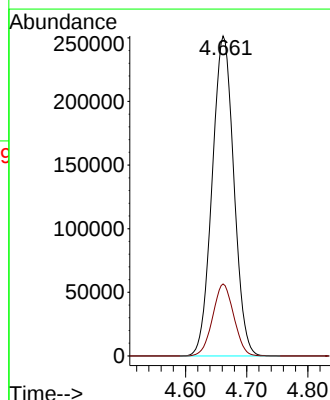
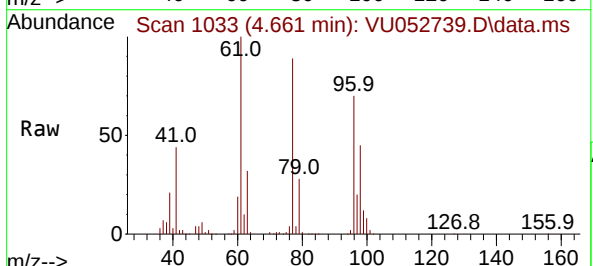
Acq: 19 Jan 2023 15:13

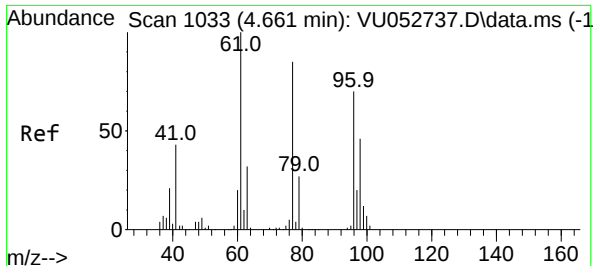
Tgt Ion: 77 Resp: 618486

Ion Ratio Lower Upper

77 100

97 21.9 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 135.702 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VU052739.D

Acq: 19 Jan 2023 15:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

Tgt Ion: 96 Resp: 436549

Ion Ratio Lower Upper

96 100

61 144.9 0.0 287.2

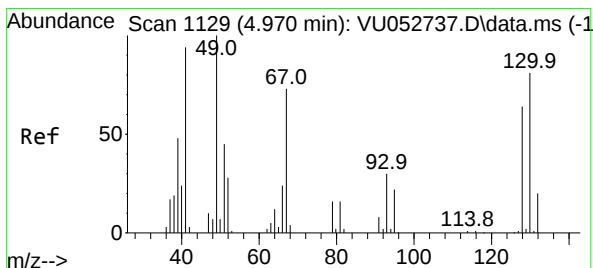
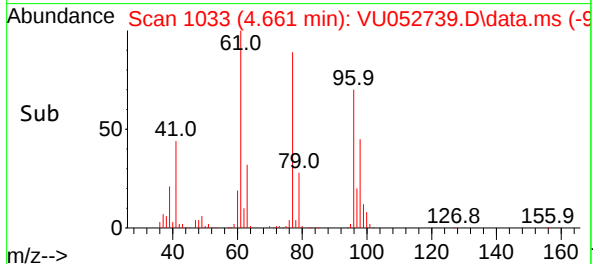
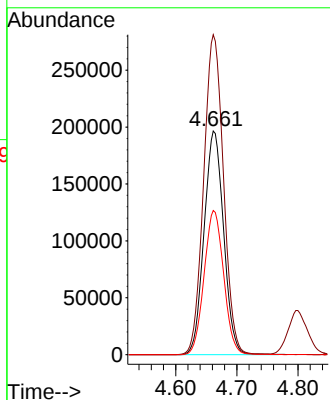
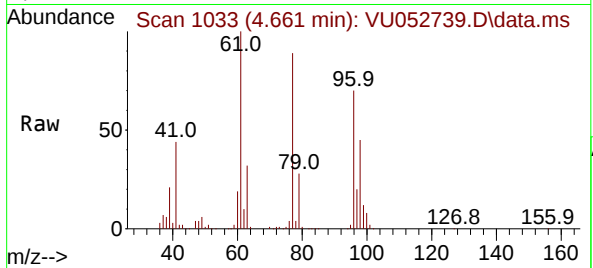
98 64.6 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#28

Bromochloromethane

Concen: 114.351 ug/l

RT: 4.970 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VU052739.D

Acq: 19 Jan 2023 15:13

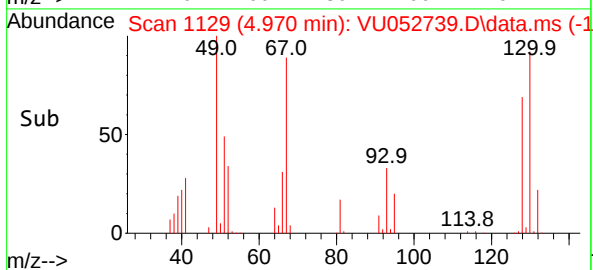
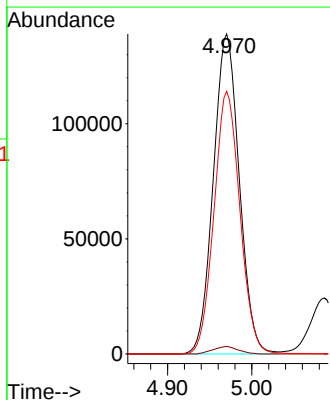
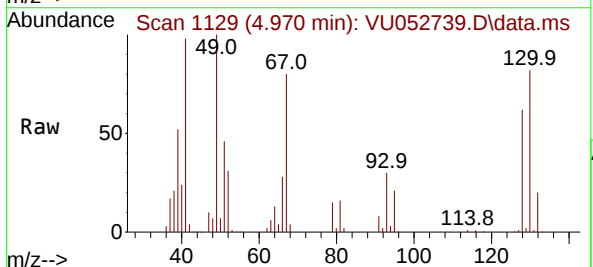
Tgt Ion: 49 Resp: 297458

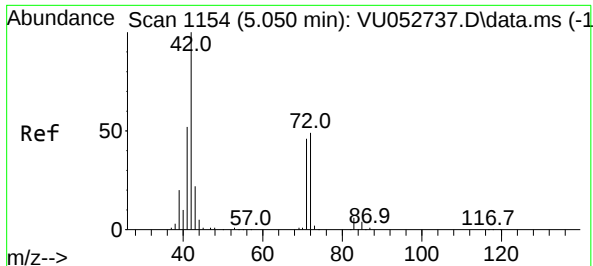
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 81.9 65.5 98.3





#29

Tetrahydrofuran

Concen: 595.563 ug/l

RT: 5.051 min Scan# 1154

Delta R.T. 0.000 min

Lab File: VU052739.D

Acq: 19 Jan 2023 15:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 42 Resp: 88727

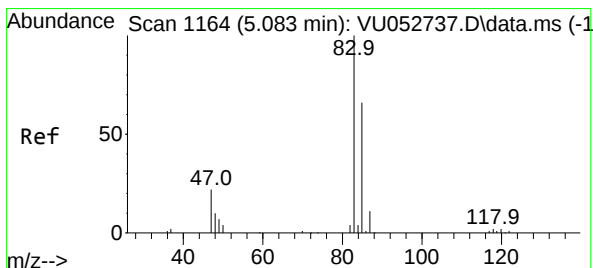
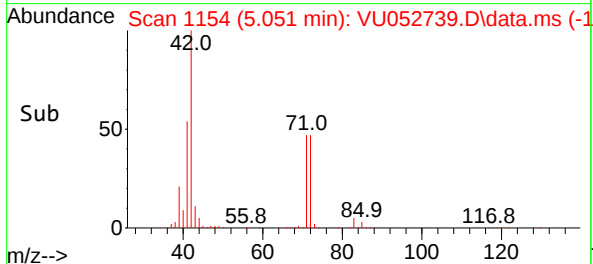
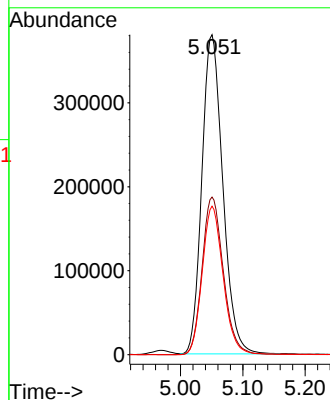
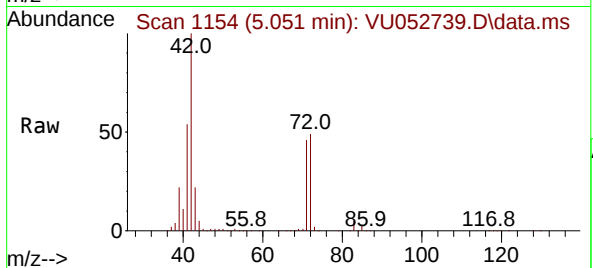
Ion	Ratio	Lower	Upper
42	100		
72	50.3	40.5	60.7
71	46.6	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#30

Chloroform

Concen: 121.558 ug/l

RT: 5.086 min Scan# 1165

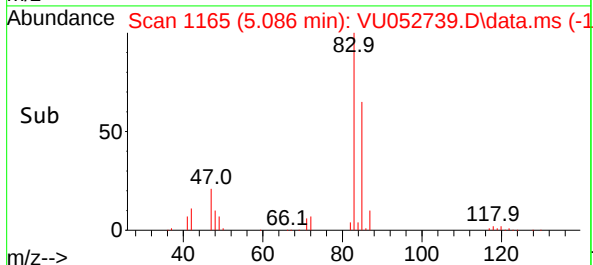
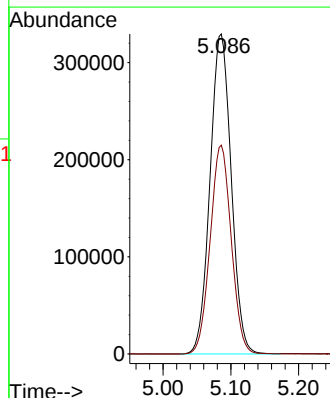
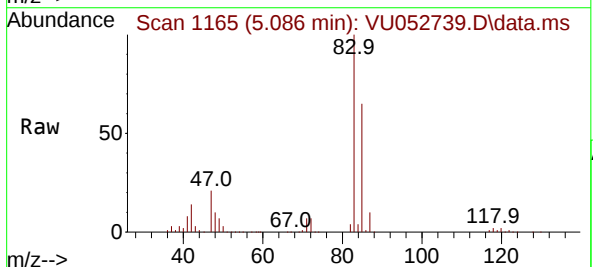
Delta R.T. 0.003 min

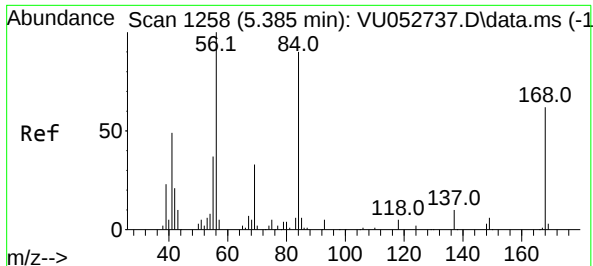
Lab File: VU052739.D

Acq: 19 Jan 2023 15:13

Tgt Ion: 83 Resp: 715527

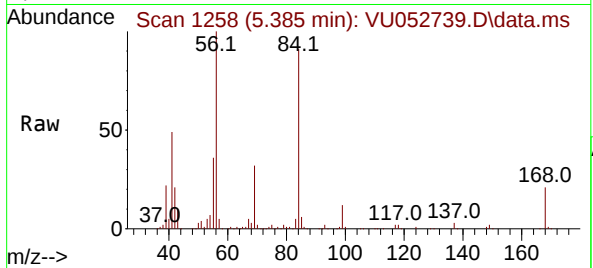
Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.6	79.0





#31
Cyclohexane
Concen: 120.988 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

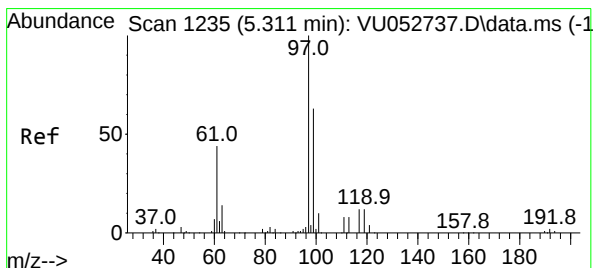
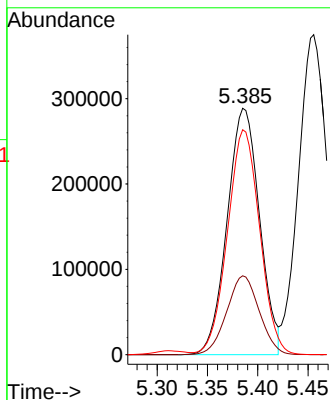
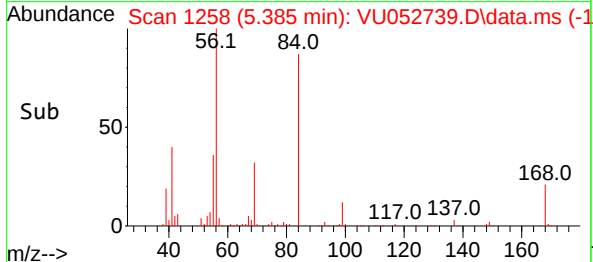
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



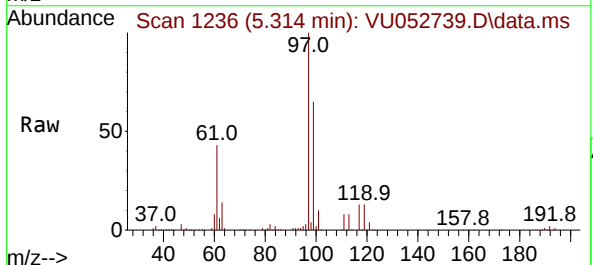
Tgt Ion: 56 Resp: 64668
Ion Ratio Lower Upper
56 100
69 32.0 26.2 39.2
84 89.9 72.2 108.4

Manual Integrations
APPROVED

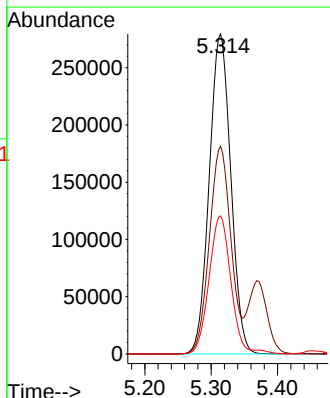
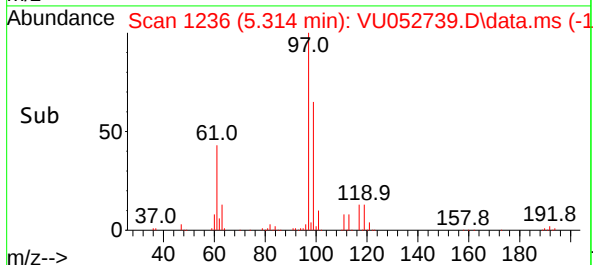
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

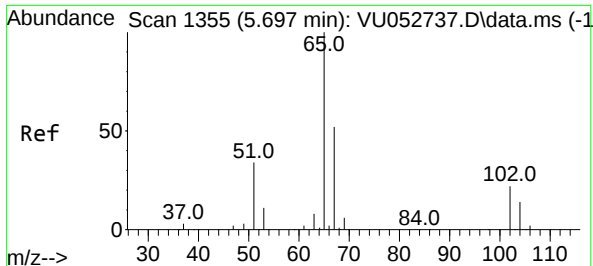


#32
1,1,1-Trichloroethane
Concen: 136.102 ug/l
RT: 5.314 min Scan# 1236
Delta R.T. 0.003 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13



Tgt Ion: 97 Resp: 631258
Ion Ratio Lower Upper
97 100
99 64.8 50.5 75.7
61 44.0 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 128.321 ug/l

RT: 5.697 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU052739.D

Acq: 19 Jan 2023 15:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

Tgt Ion: 65 Resp: 455670

Ion Ratio Lower Upper

65 100

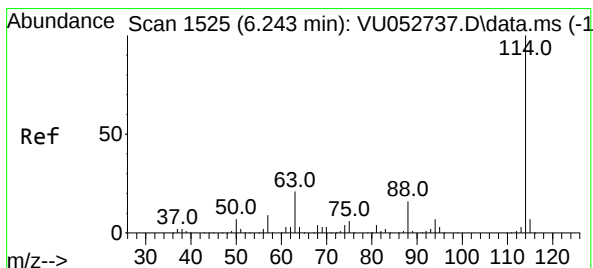
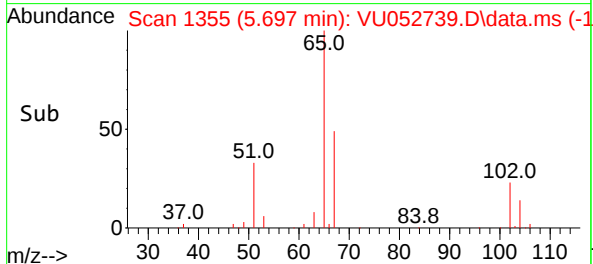
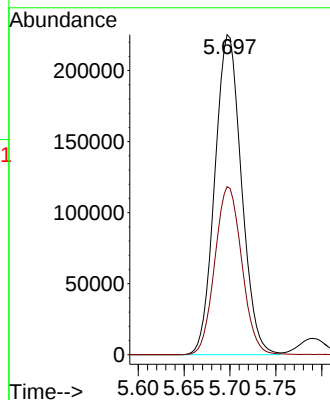
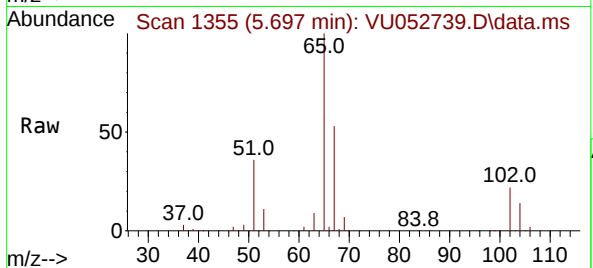
67 53.1 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. 0.003 min

Lab File: VU052739.D

Acq: 19 Jan 2023 15:13

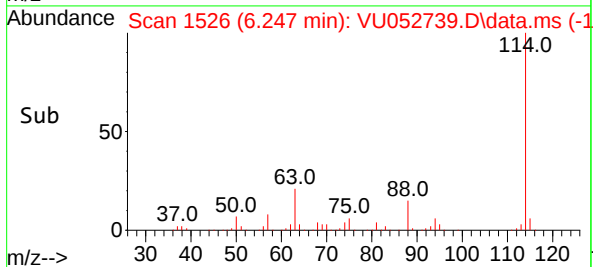
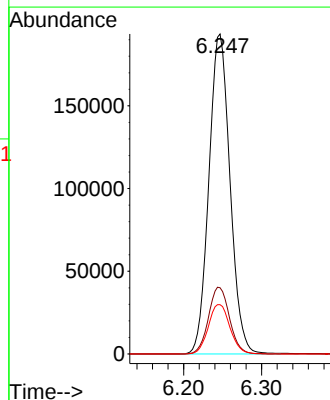
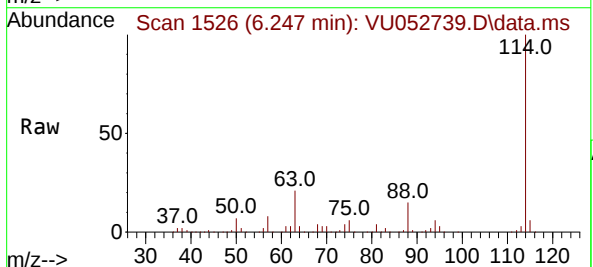
Tgt Ion:114 Resp: 364828

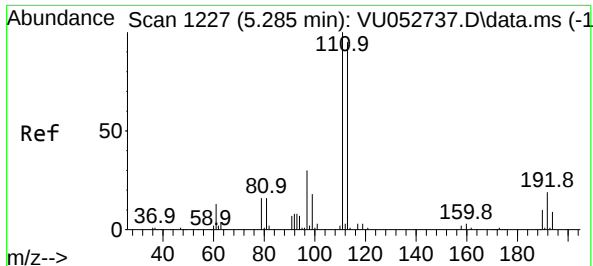
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.4

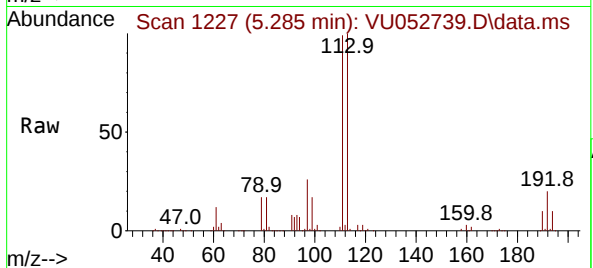
88 15.4 0.0 32.8





#35
Dibromofluoromethane
Concen: 145.920 ug/l
RT: 5.285 min Scan# 1113
Delta R.T. 0.000 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

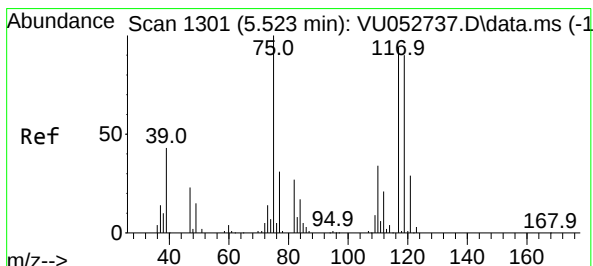
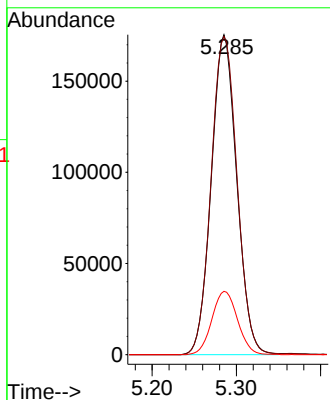
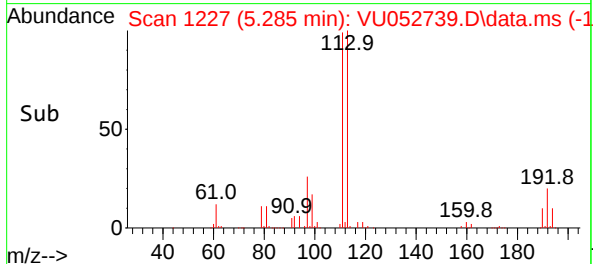
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



Tgt Ion:113 Resp: 367944
Ion Ratio Lower Upper
113 100
111 101.5 81.2 121.8
192 20.0 15.7 23.5

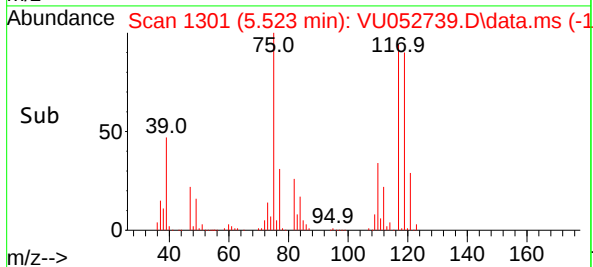
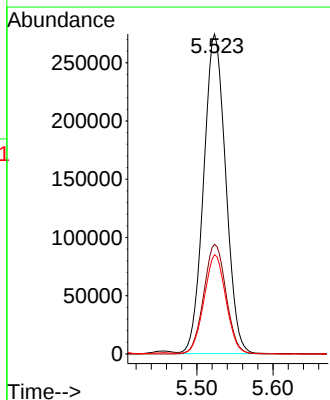
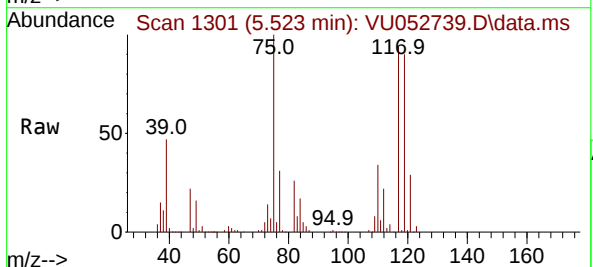
Manual Integrations
APPROVED

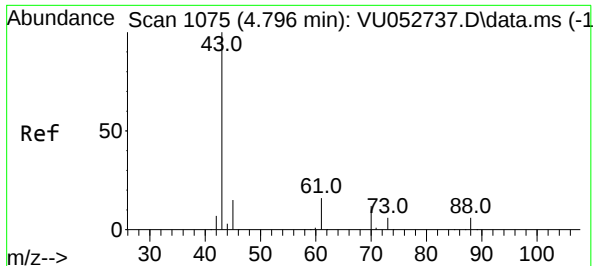
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#36
1,1-Dichloropropene
Concen: 142.302 ug/l
RT: 5.523 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

Tgt Ion: 75 Resp: 553096
Ion Ratio Lower Upper
75 100
110 34.6 17.1 51.2
77 30.7 25.0 37.4





#37

Ethyl Acetate

Concen: 113.775 ug/l

RT: 4.800 min Scan# 1076

Delta R.T. 0.003 min

Lab File: VU052739.D

Acq: 19 Jan 2023 15:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 55661

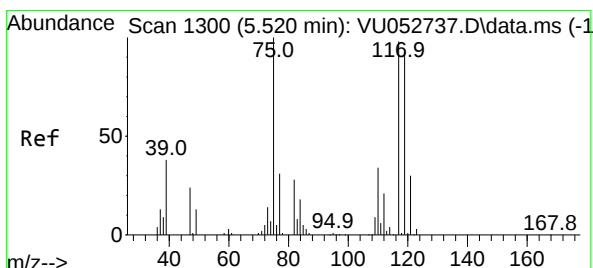
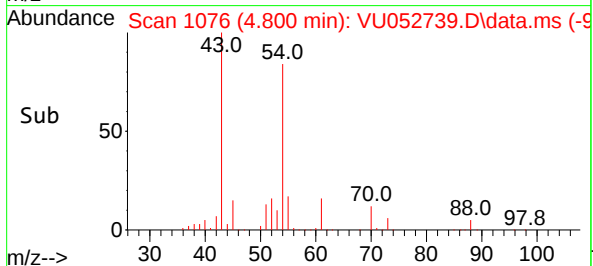
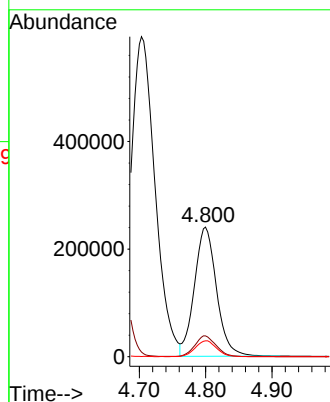
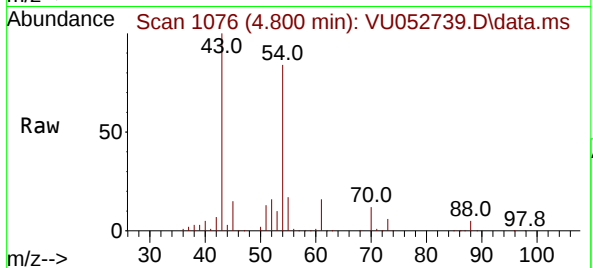
Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.2	18.4
70	11.9	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#38

Carbon Tetrachloride

Concen: 152.414 ug/l

RT: 5.523 min Scan# 1301

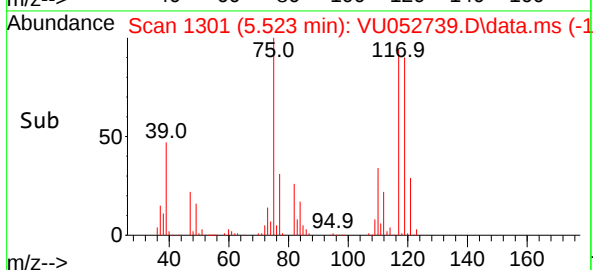
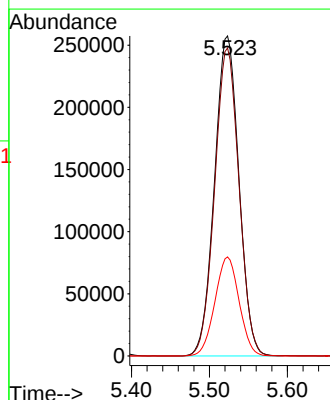
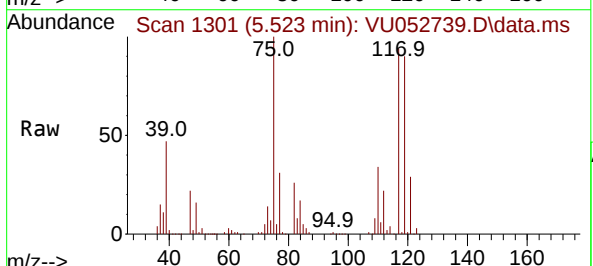
Delta R.T. 0.003 min

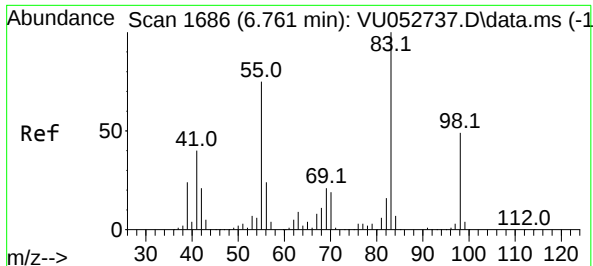
Lab File: VU052739.D

Acq: 19 Jan 2023 15:13

Tgt Ion:117 Resp: 559373

Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.6	113.4
121	31.0	24.2	36.4





#39

Methylcyclohexane

Concen: 157.078 ug/l

RT: 6.761 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052739.D

Acq: 19 Jan 2023 15:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 702709

Ion Ratio Lower Upper

83 100

55 74.7 60.4 90.6

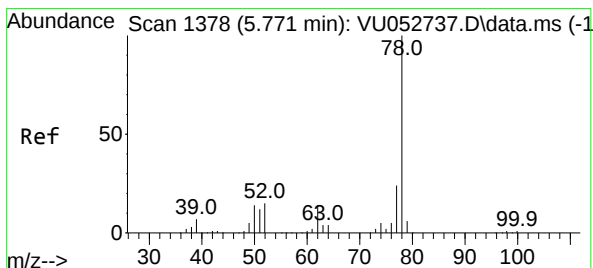
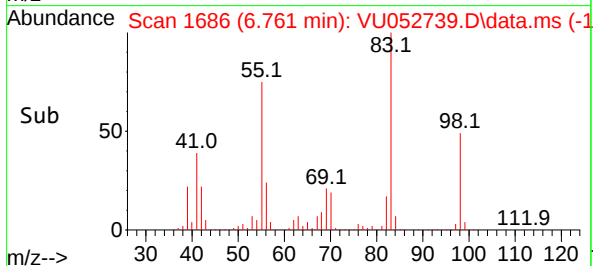
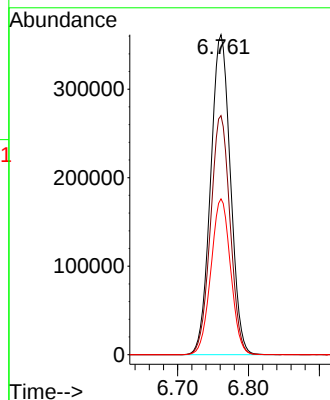
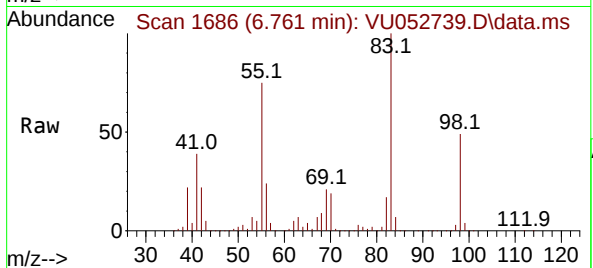
98 48.7 38.9 58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#40

Benzene

Concen: 139.175 ug/l

RT: 5.771 min Scan# 1378

Delta R.T. 0.000 min

Lab File: VU052739.D

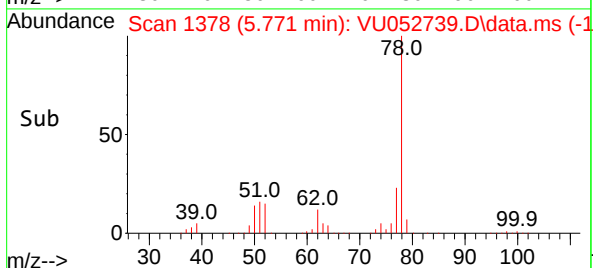
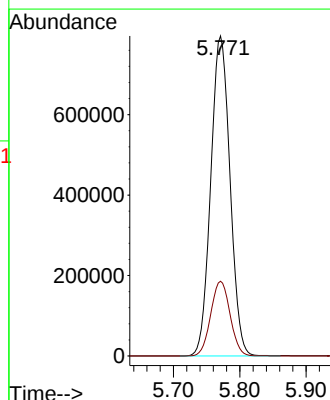
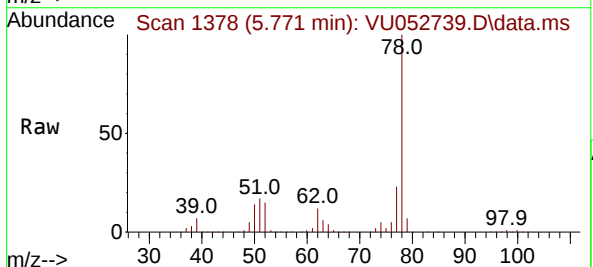
Acq: 19 Jan 2023 15:13

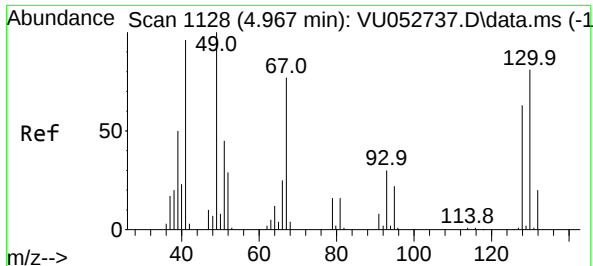
Tgt Ion: 78 Resp: 1604542

Ion Ratio Lower Upper

78 100

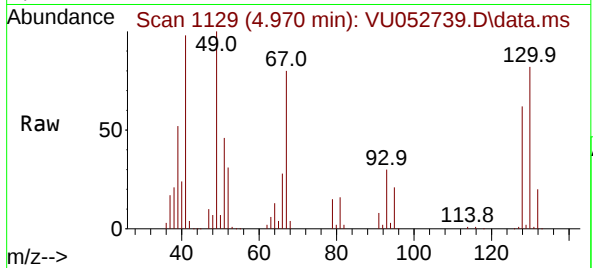
77 23.4 18.9 28.3





#41
Methacrylonitrile
Concen: 134.165 ug/l
RT: 4.970 min Scan# 1128
Delta R.T. 0.003 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

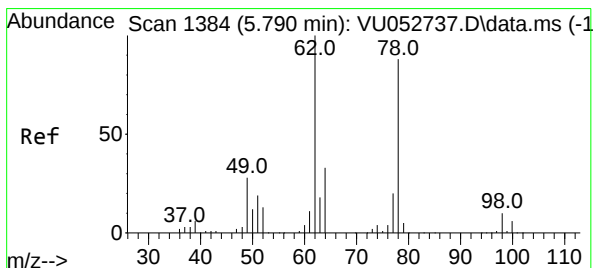
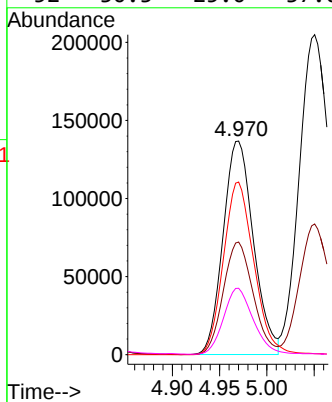
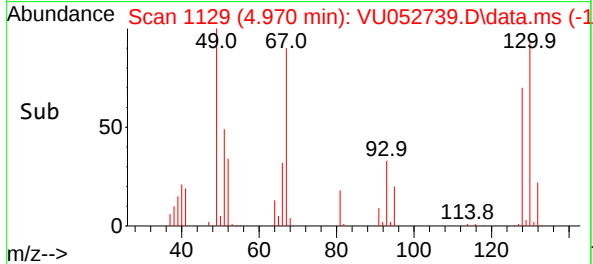
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



Tgt Ion: 41 Resp: 30572
Ion Ratio Lower Upper
41 100
39 52.0 42.2 63.2
67 81.4 65.0 97.6
52 30.3 25.0 37.6

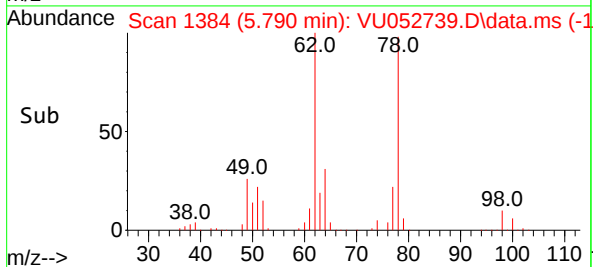
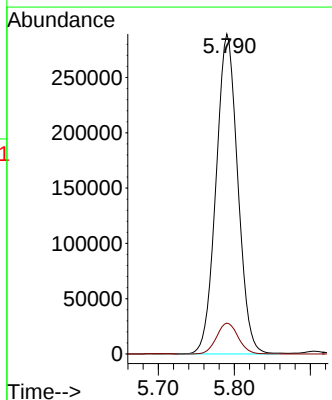
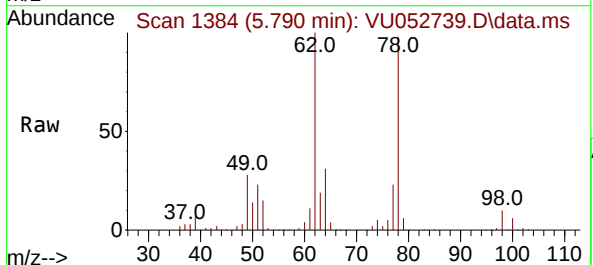
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#42
1,2-Dichloroethane
Concen: 138.160 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

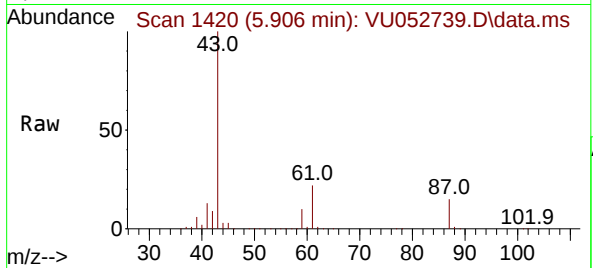
Tgt Ion: 62 Resp: 574311
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.0





#43
Isopropyl Acetate
Concen: 138.997 ug/l
RT: 5.906 min Scan# 1420
Delta R.T. 0.000 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

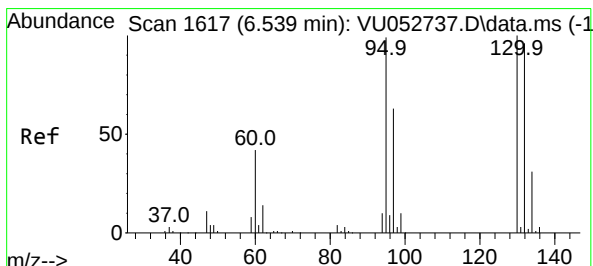
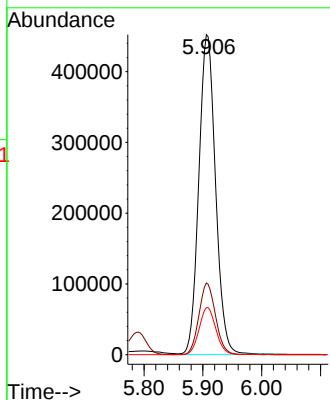
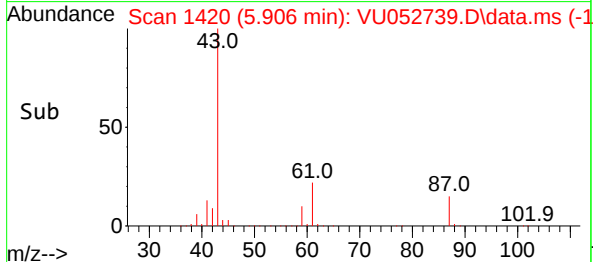
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



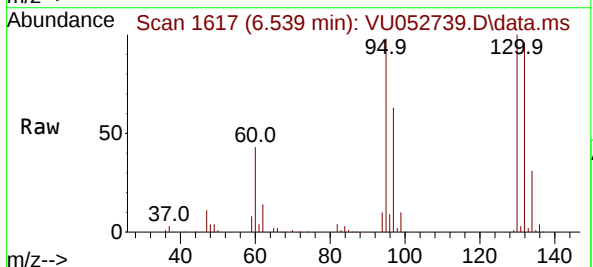
Tgt Ion: 43 Resp: 88997
Ion Ratio Lower Upper
43 100
61 22.2 18.1 27.1
87 14.8 11.7 17.5

Manual Integrations
APPROVED

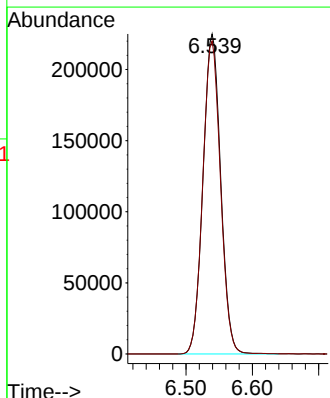
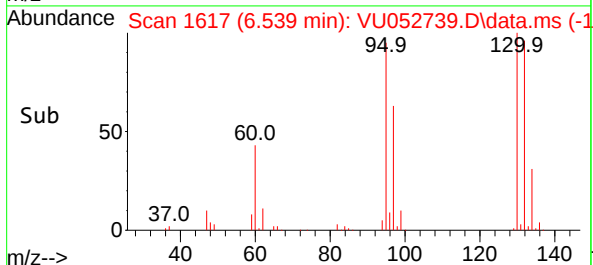
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

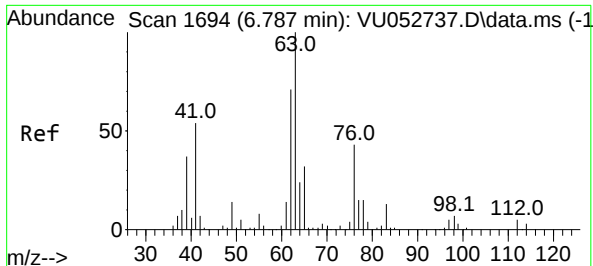


#44
Trichloroethene
Concen: 151.556 ug/l
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13



Tgt Ion:130 Resp: 416429
Ion Ratio Lower Upper
130 100
95 97.8 0.0 198.2





#45

1,2-Dichloropropane

Concen: 131.960 ug/l

RT: 6.787 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052739.D

Acq: 19 Jan 2023 15:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 41673

Ion Ratio Lower Upper

63 100

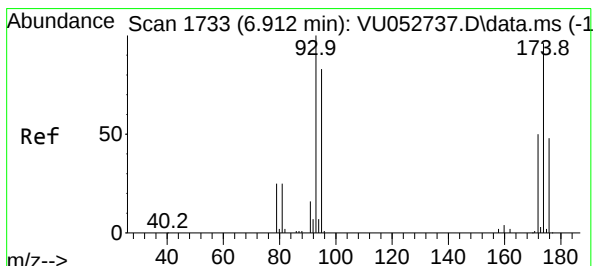
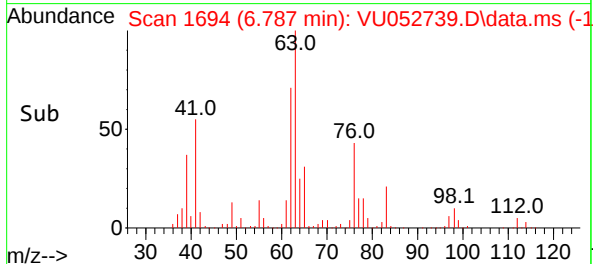
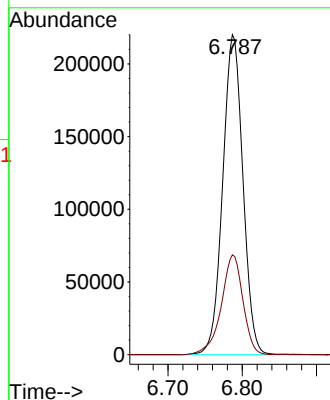
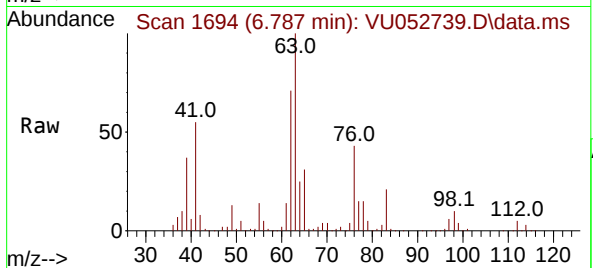
65 31.2 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#46

Dibromomethane

Concen: 142.716 ug/l

RT: 6.915 min Scan# 1734

Delta R.T. 0.003 min

Lab File: VU052739.D

Acq: 19 Jan 2023 15:13

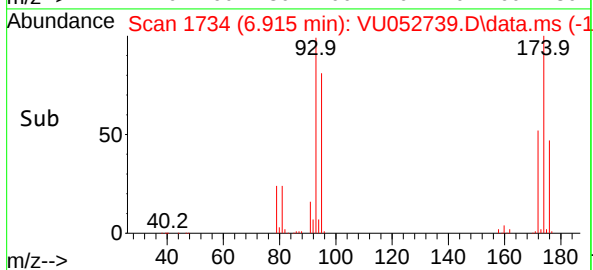
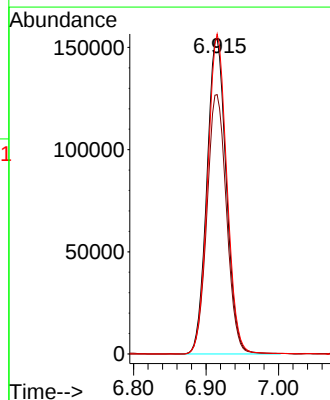
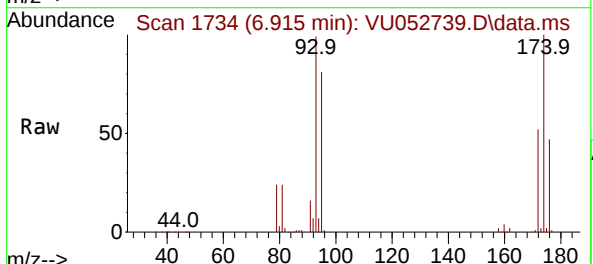
Tgt Ion: 93 Resp: 287543

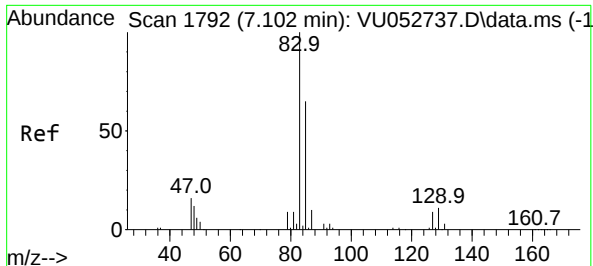
Ion Ratio Lower Upper

93 100

95 82.9 66.6 99.8

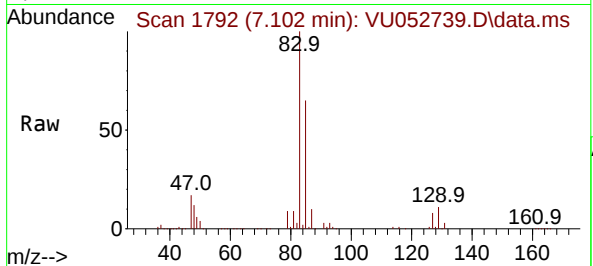
174 100.4 78.6 117.8





#47
Bromodichloromethane
Concen: 141.186 ug/l
RT: 7.102 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

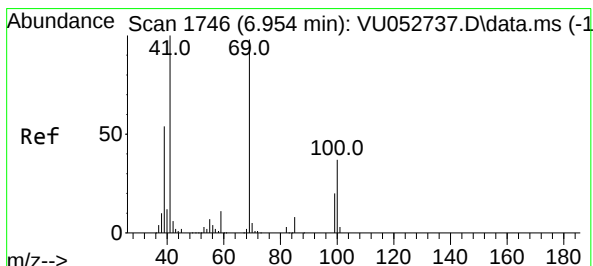
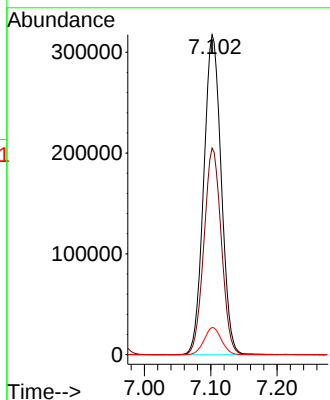
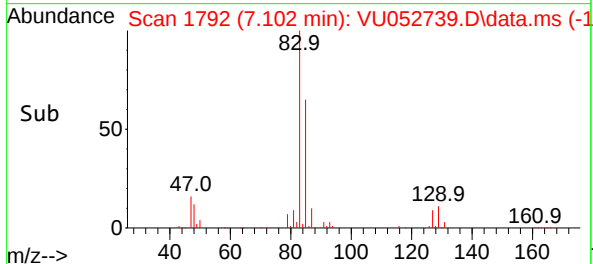
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



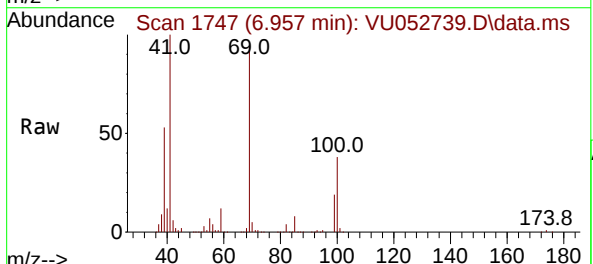
Tgt Ion: 83 Resp: 58121
Ion Ratio Lower Upper
83 100
85 64.6 51.6 77.4
127 8.5 6.9 10.3

Manual Integrations
APPROVED

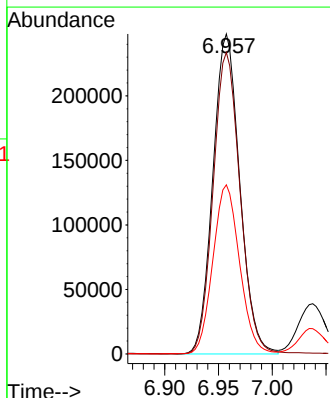
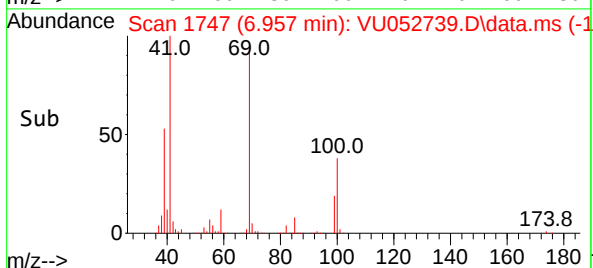
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

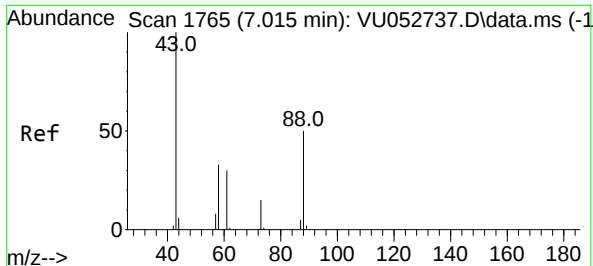


#48
Methyl methacrylate
Concen: 144.672 ug/l
RT: 6.957 min Scan# 1747
Delta R.T. 0.003 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13



Tgt Ion: 41 Resp: 431136
Ion Ratio Lower Upper
41 100
69 94.7 77.2 115.8
39 52.4 42.9 64.3





#49

1,4-Dioxane

Concen: 1986.722 ug/l

RT: 7.021 min Scan# 11

Delta R.T. 0.007 min

Lab File: VU052739.D

Acq: 19 Jan 2023 15:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

Tgt Ion: 88 Resp: 112800

Ion Ratio Lower Upper

88 100

43 692.6 374.7 562.1

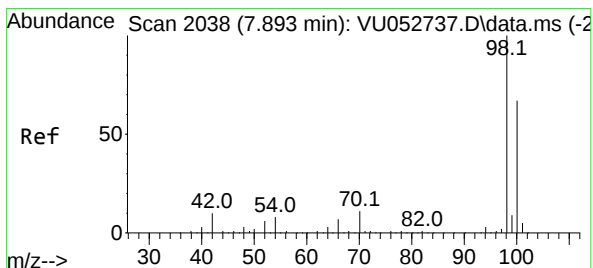
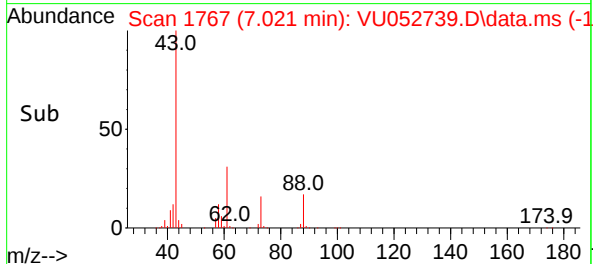
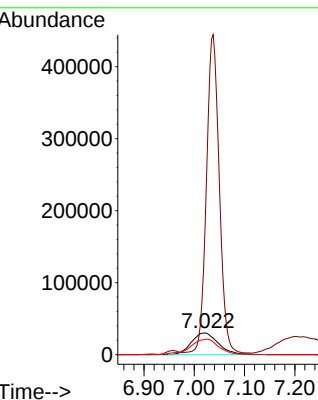
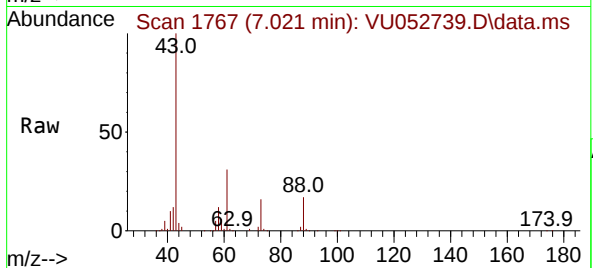
58 74.4 59.2 88.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#50

Toluene-d8

Concen: 146.540 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. 0.003 min

Lab File: VU052739.D

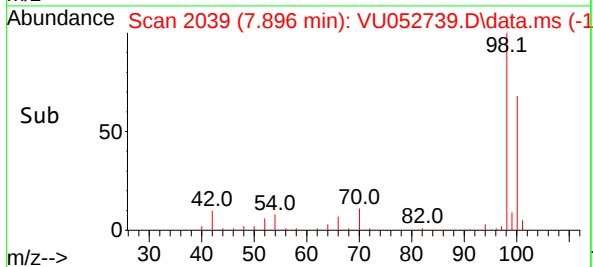
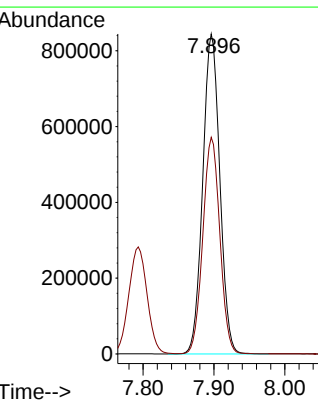
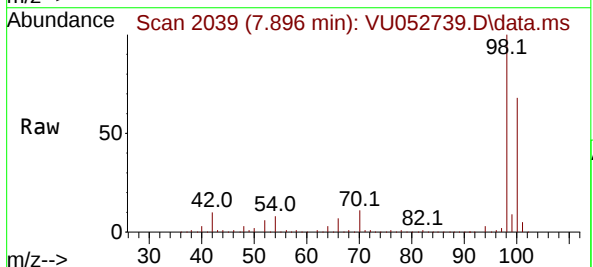
Acq: 19 Jan 2023 15:13

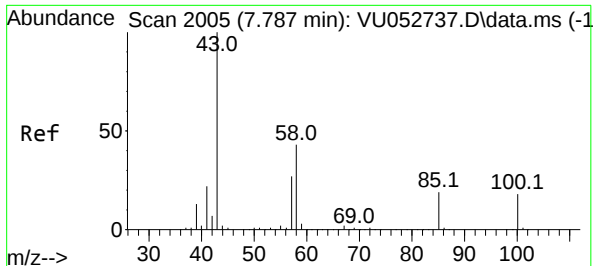
Tgt Ion: 98 Resp: 1410853

Ion Ratio Lower Upper

98 100

100 67.4 53.7 80.5





#51

4-Methyl-2-Pentanone

Concen: 675.014 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.007 min

Lab File: VU052739.D

Acq: 19 Jan 2023 15:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 281686

Ion Ratio Lower Upper

43 100

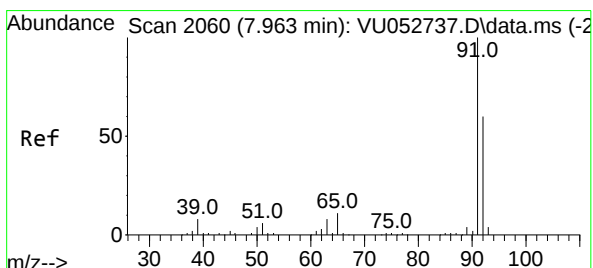
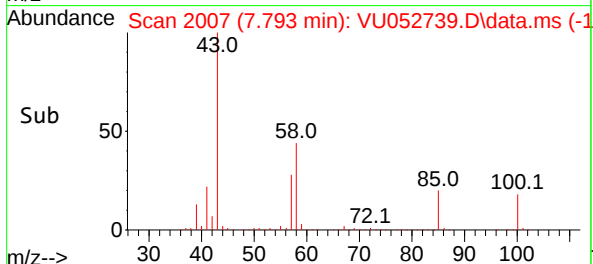
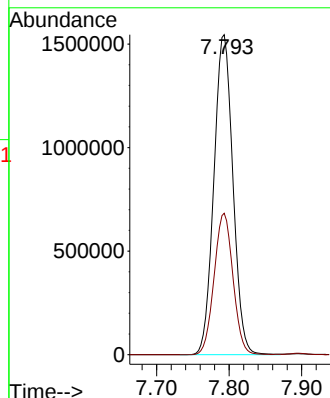
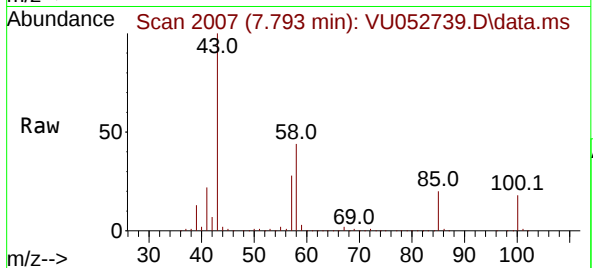
58 43.9 34.6 52.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#52

Toluene

Concen: 151.737 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU052739.D

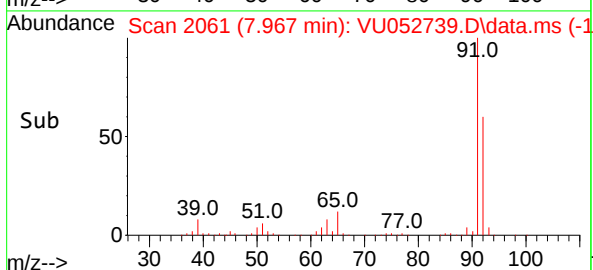
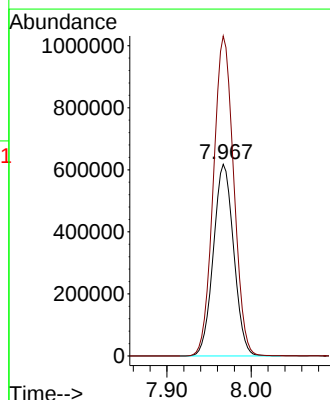
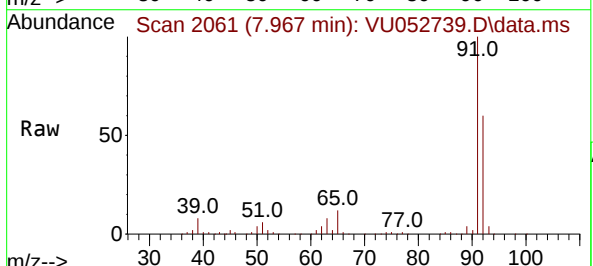
Acq: 19 Jan 2023 15:13

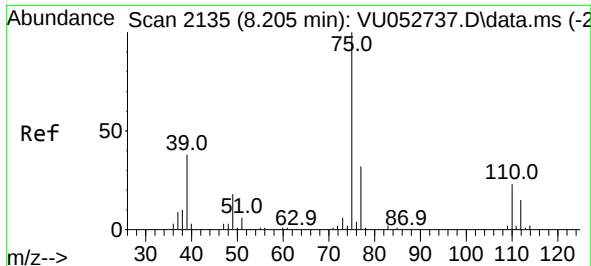
Tgt Ion: 92 Resp: 1032621

Ion Ratio Lower Upper

92 100

91 167.2 134.9 202.3





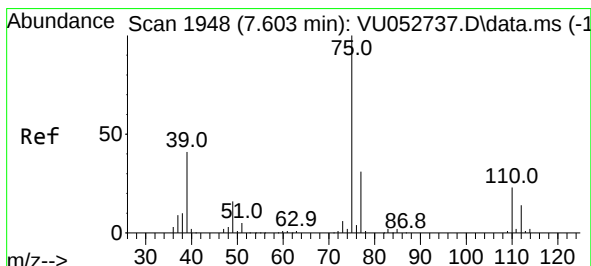
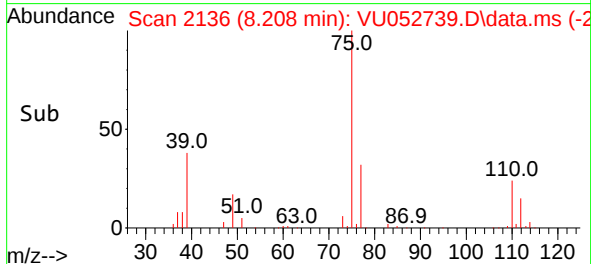
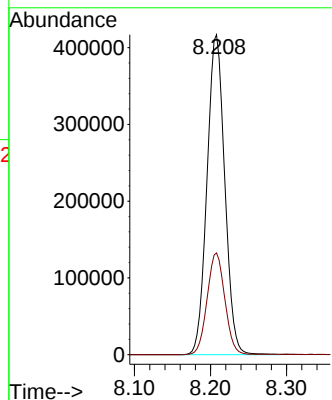
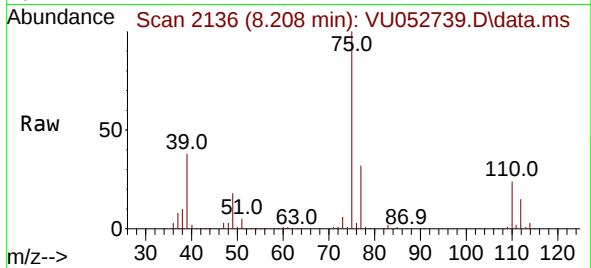
#53
 t-1,3-Dichloropropene
 Concen: 155.714 ug/l
 RT: 8.208 min Scan# 2135
 Delta R.T. 0.003 min
 Lab File: VU052739.D
 Acq: 19 Jan 2023 15:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

Tgt Ion: 75 Resp: 67554
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.2 37.8

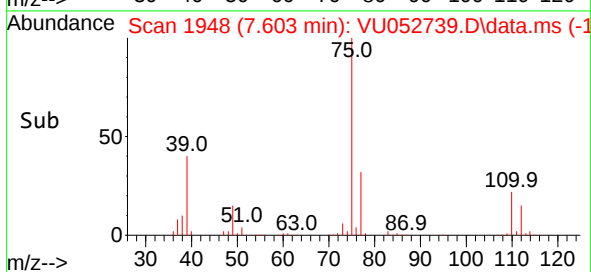
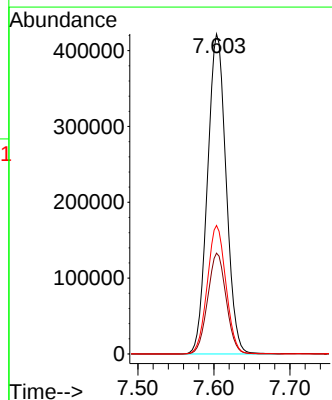
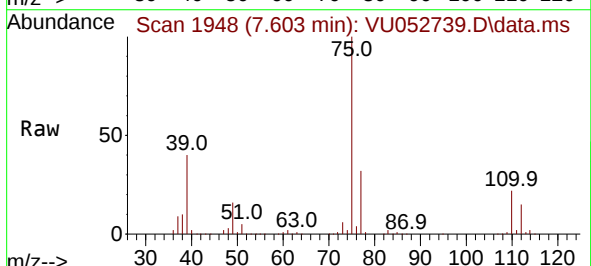
Manual Integrations
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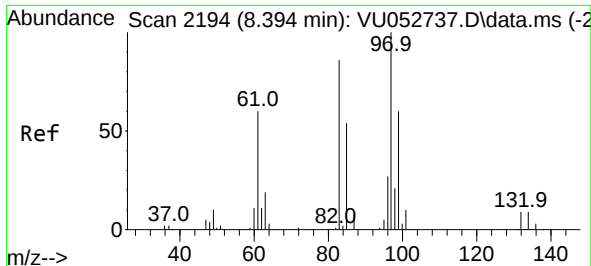
Reviewed By :John Carlone 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023



#54
 cis-1,3-Dichloropropene
 Concen: 152.681 ug/l
 RT: 7.603 min Scan# 1948
 Delta R.T. 0.000 min
 Lab File: VU052739.D
 Acq: 19 Jan 2023 15:13

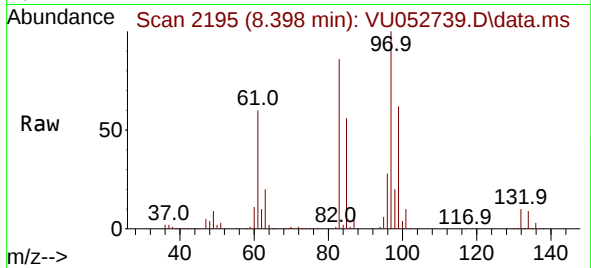
Tgt Ion: 75 Resp: 717259
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.0 37.6
 39 40.1 32.9 49.3





#55
1,1,2-Trichloroethane
Concen: 141.875 ug/l
RT: 8.398 min Scan# 2195
Delta R.T. 0.003 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

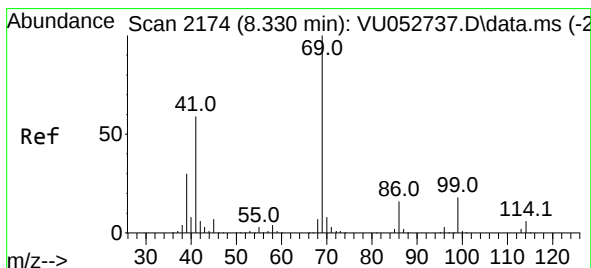
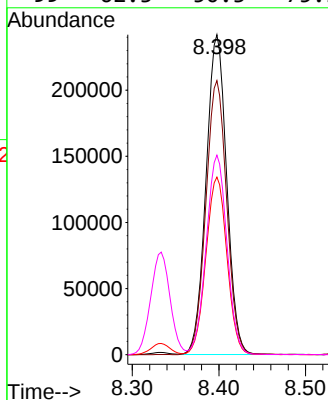
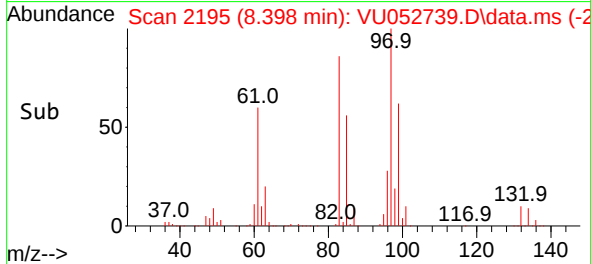
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



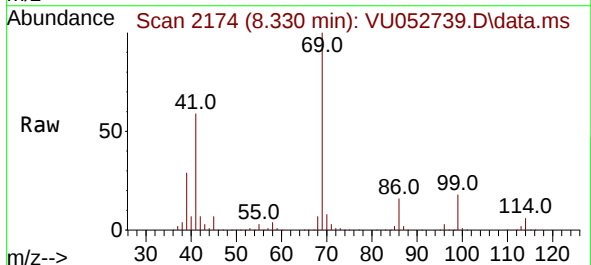
Tgt Ion: 97 Resp: 400088
Ion Ratio Lower Upper
97 100
83 85.7 69.2 103.8
85 55.5 43.8 65.8
99 62.3 50.3 75.5

Manual Integrations
APPROVED

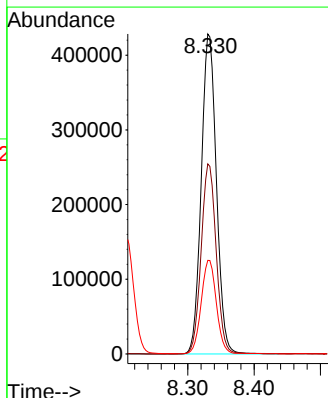
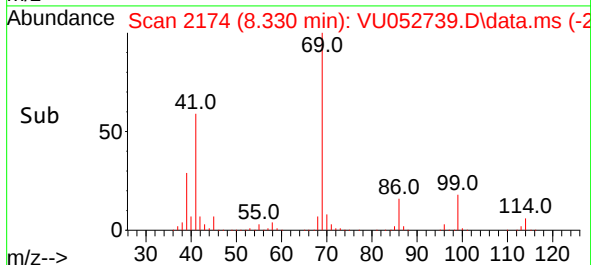
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

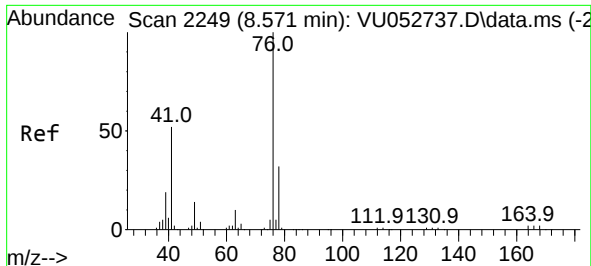


#56
Ethyl methacrylate
Concen: 165.325 ug/l
RT: 8.330 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13



Tgt Ion: 69 Resp: 680072
Ion Ratio Lower Upper
69 100
41 59.3 47.6 71.4
39 29.2 24.3 36.5





#57

1,3-Dichloropropane

Concen: 143.123 ug/l

RT: 8.571 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU052739.D

Acq: 19 Jan 2023 15:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 713870

Ion Ratio Lower Upper

76 100

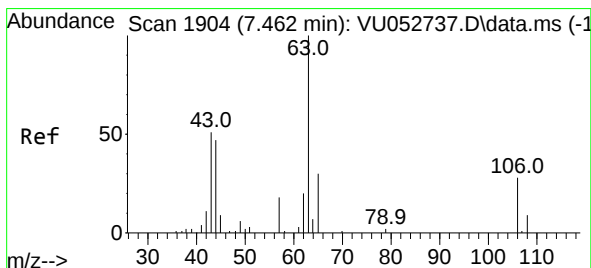
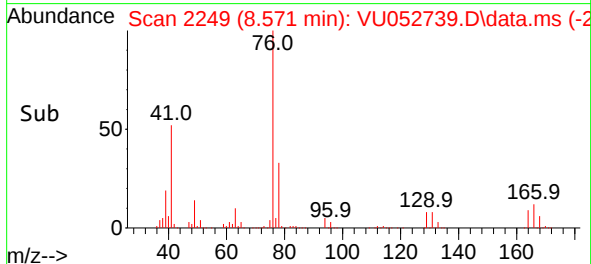
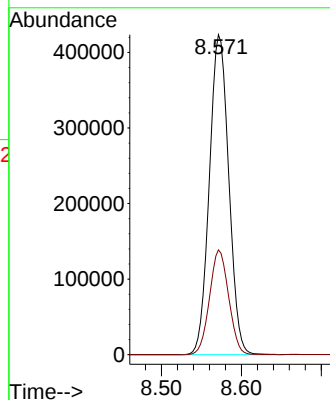
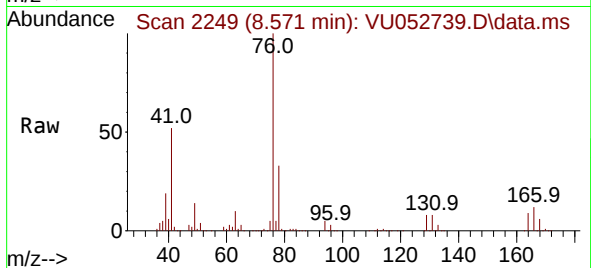
78 32.3 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 866.457 ug/l

RT: 7.459 min Scan# 1903

Delta R.T. -0.003 min

Lab File: VU052739.D

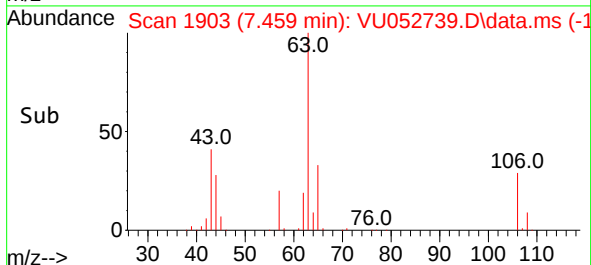
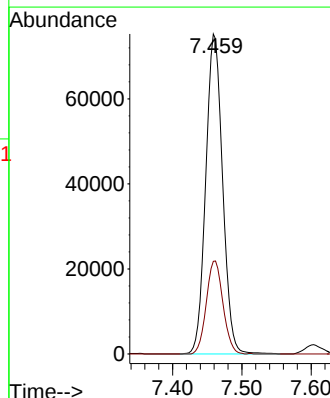
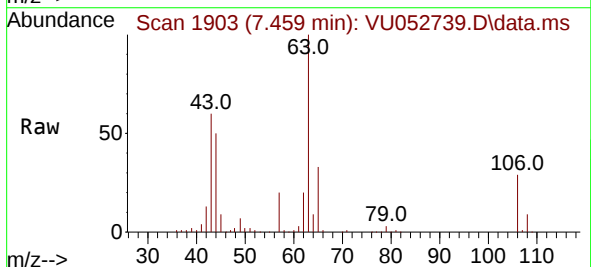
Acq: 19 Jan 2023 15:13

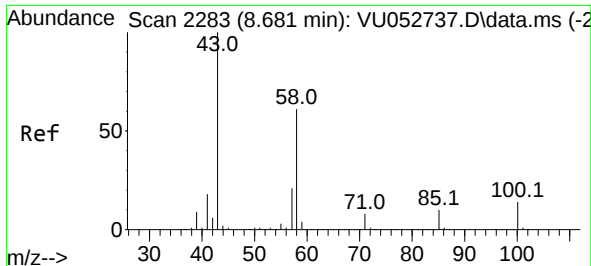
Tgt Ion: 63 Resp: 126789

Ion Ratio Lower Upper

63 100

106 28.7 23.2 34.8





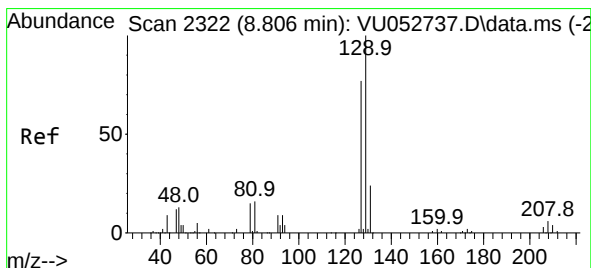
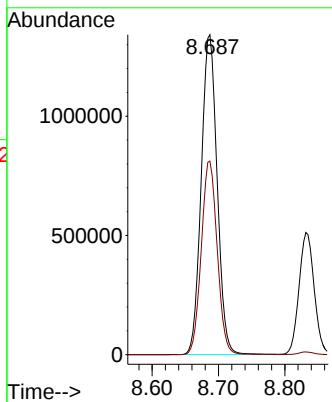
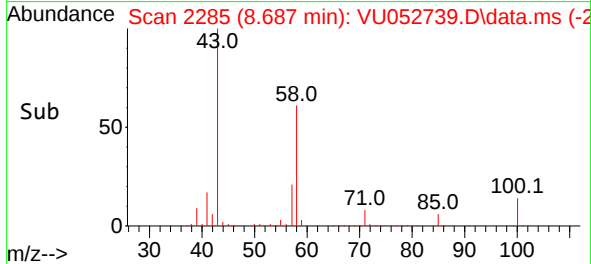
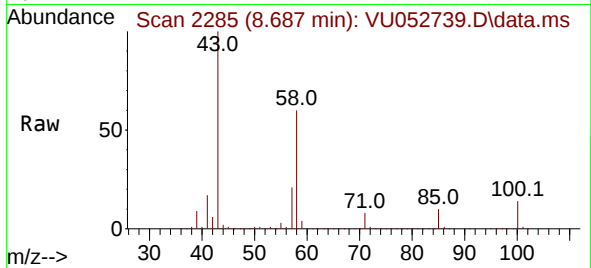
#59
2-Hexanone
Concen: 699.914 ug/l
RT: 8.687 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 223486
Ion Ratio Lower Upper
43 100
58 60.7 29.8 89.5

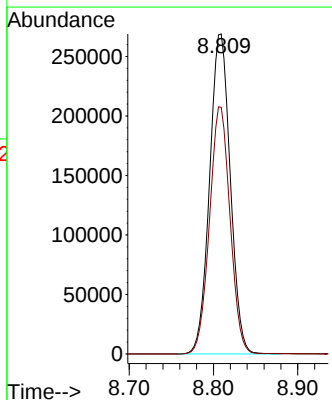
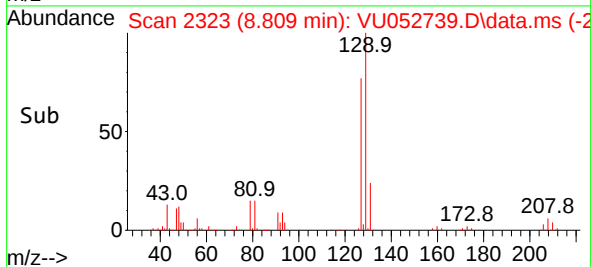
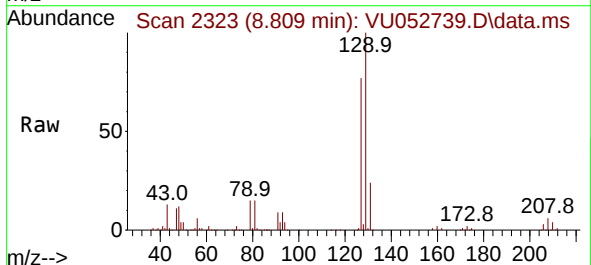
Manual Integrations
APPROVED

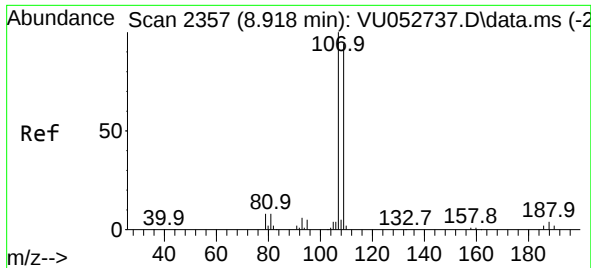
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#60
Dibromochloromethane
Concen: 155.566 ug/l
RT: 8.809 min Scan# 2323
Delta R.T. 0.003 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

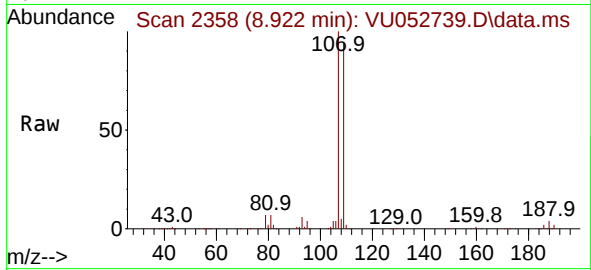
Tgt Ion:129 Resp: 458156
Ion Ratio Lower Upper
129 100
127 76.6 39.1 117.2





#61
1,2-Dibromoethane
Concen: 153.527 ug/l
RT: 8.922 min Scan# 2357
Delta R.T. 0.003 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

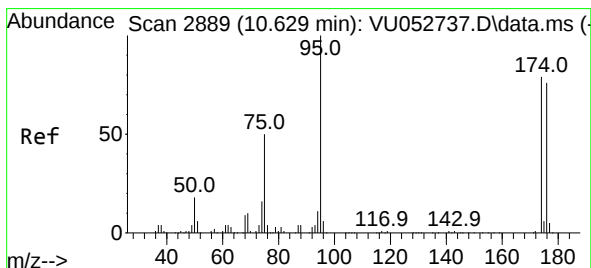
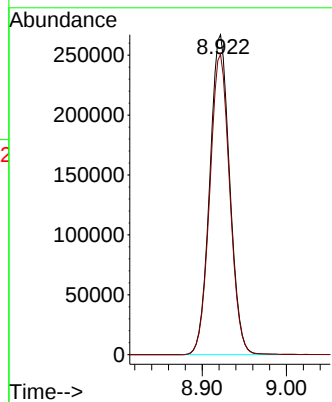
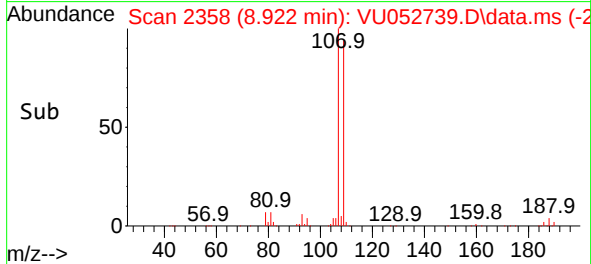
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150



Tgt Ion:107 Resp: 439099
Ion Ratio Lower Upper
107 100
109 94.0 75.0 112.6

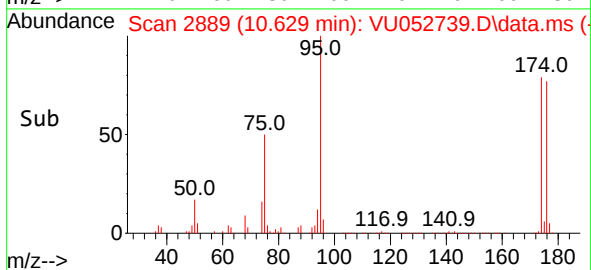
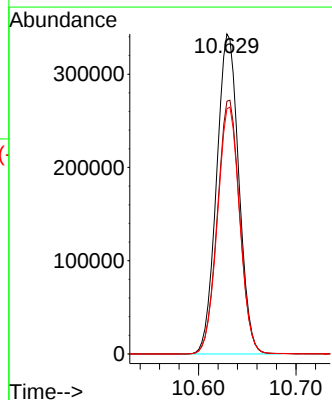
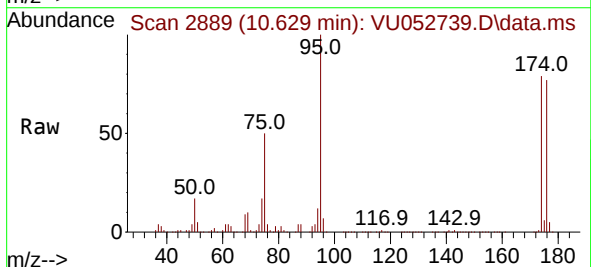
Manual Integrations
APPROVED

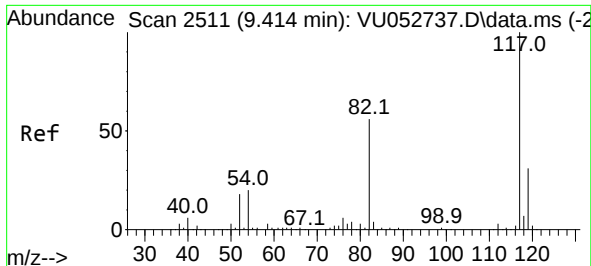
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#62
4-Bromofluorobenzene
Concen: 155.879 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.000 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

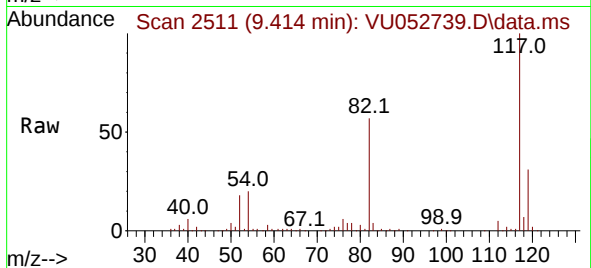
Tgt Ion: 95 Resp: 543930
Ion Ratio Lower Upper
95 100
174 79.5 0.0 158.6
176 77.3 0.0 150.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. 0.000 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

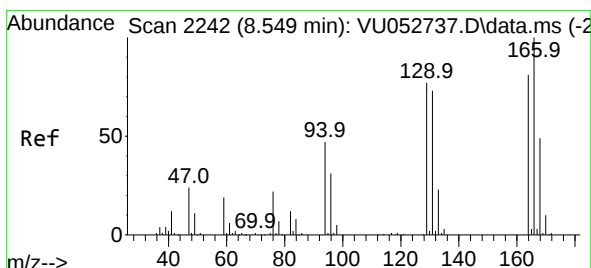
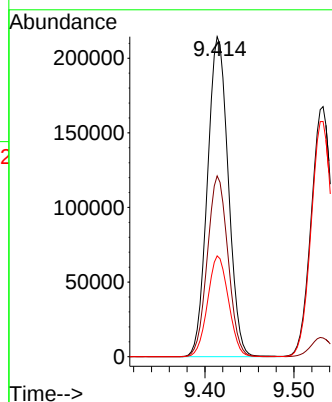
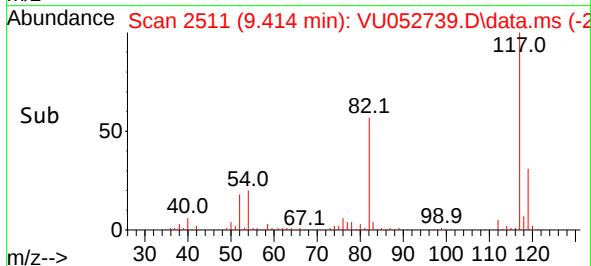
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 34836
Ion Ratio Lower Upper
117 100
82 56.5 44.7 67.1
119 31.5 25.0 37.6

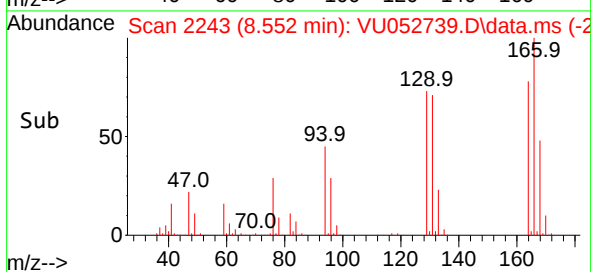
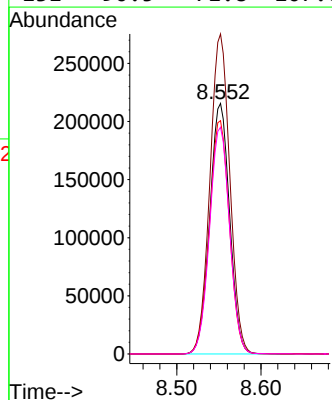
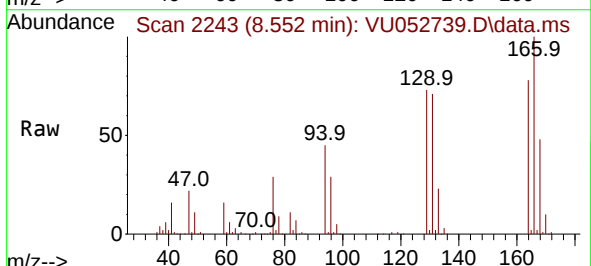
Manual Integrations
APPROVED

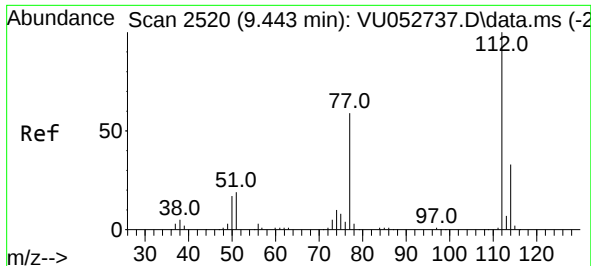
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#64
Tetrachloroethene
Concen: 156.479 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.003 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

Tgt Ion:164 Resp: 354450
Ion Ratio Lower Upper
164 100
166 127.7 98.9 148.3
129 93.1 76.0 114.0
131 90.5 71.8 107.6





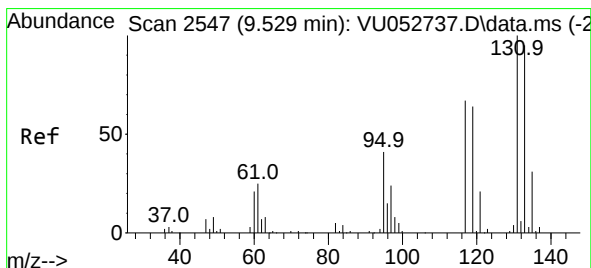
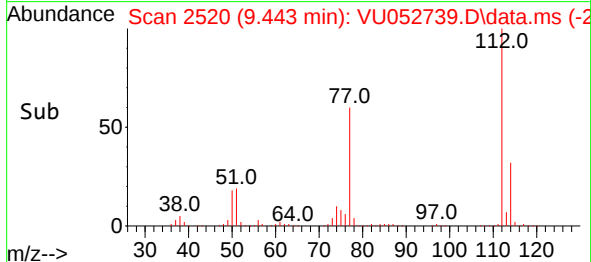
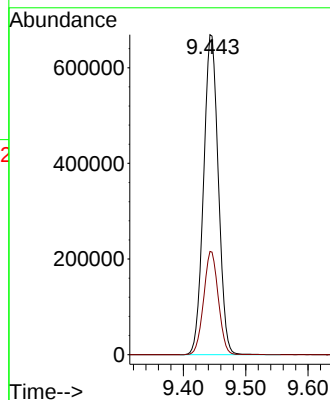
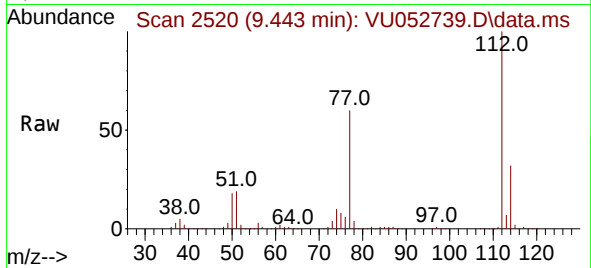
#65
Chlorobenzene
Concen: 149.012 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150

Tgt Ion:112 Resp: 109875
Ion Ratio Lower Upper
112 100
114 32.3 26.1 39.1

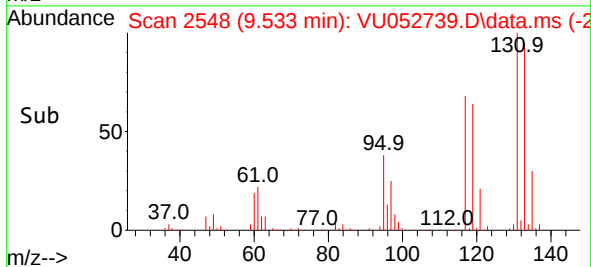
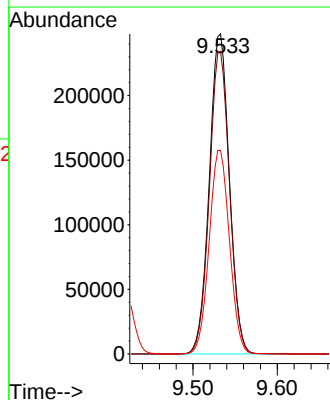
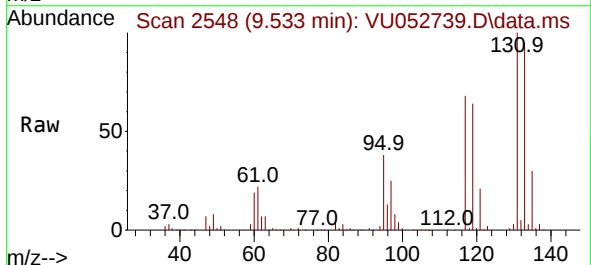
Manual Integrations
APPROVED

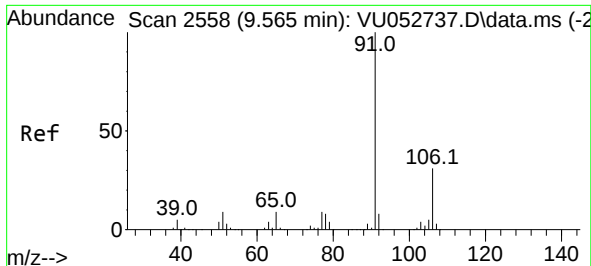
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 153.196 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. 0.003 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

Tgt Ion:131 Resp: 410398
Ion Ratio Lower Upper
131 100
133 94.7 48.4 145.0
119 64.4 32.1 96.3





#67

Ethyl Benzene

Concen: 157.234 ug/l

RT: 9.568 min Scan# 2558

Delta R.T. 0.003 min

Lab File: VU052739.D

Acq: 19 Jan 2023 15:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 2000379

Ion Ratio Lower Upper

91 100

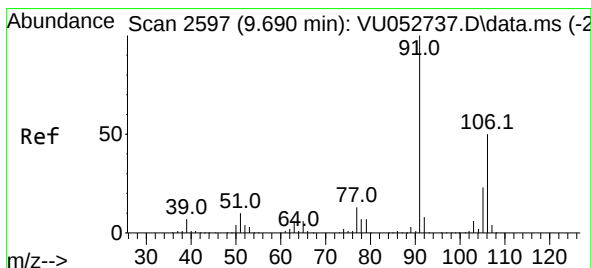
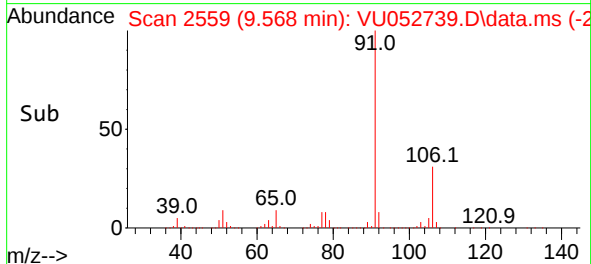
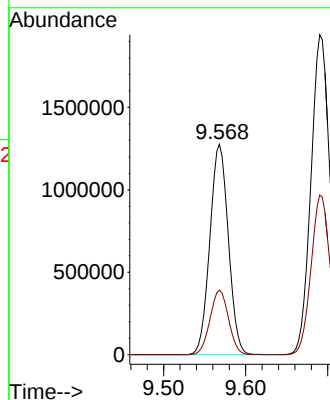
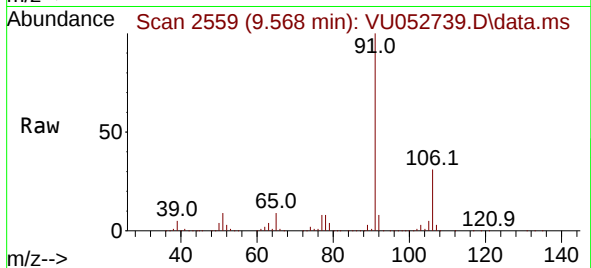
106 30.7 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#68

m/p-Xylenes

Concen: 325.212 ug/l

RT: 9.690 min Scan# 2597

Delta R.T. 0.000 min

Lab File: VU052739.D

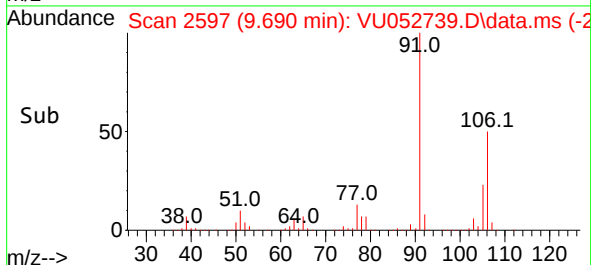
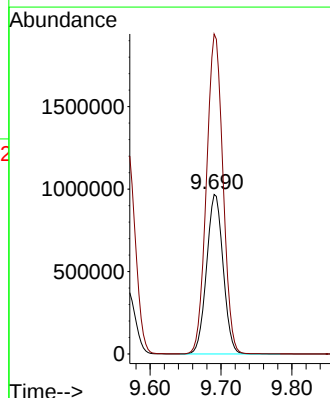
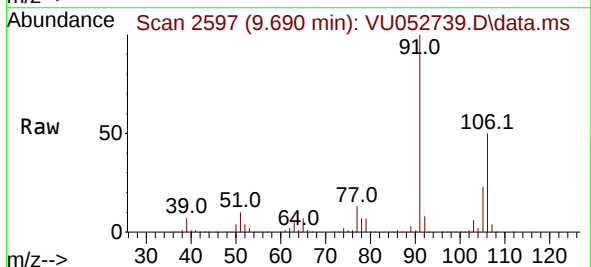
Acq: 19 Jan 2023 15:13

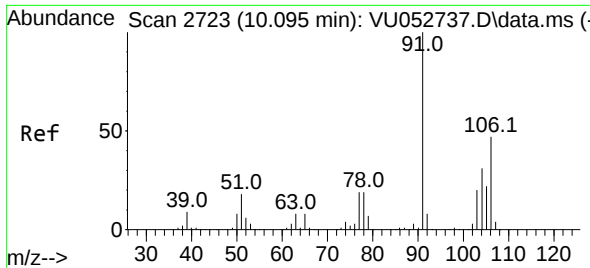
Tgt Ion:106 Resp: 1566309

Ion Ratio Lower Upper

106 100

91 200.3 160.8 241.2





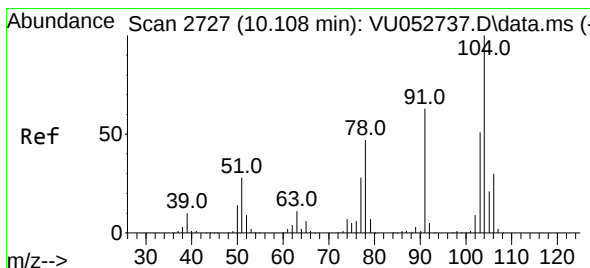
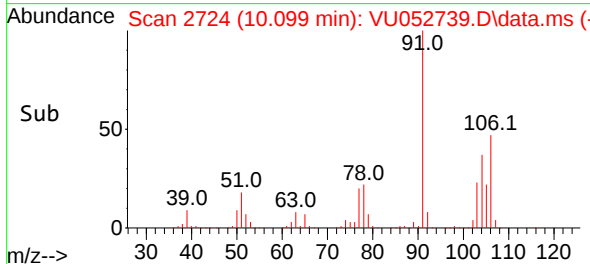
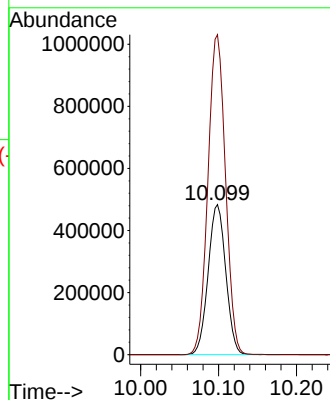
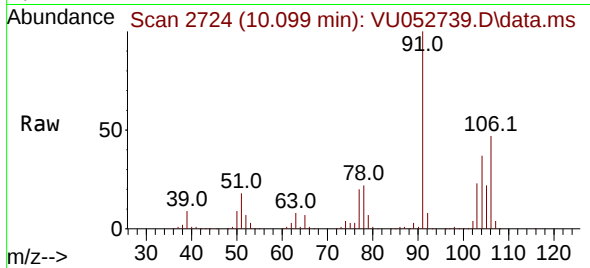
#69
o-Xylene
Concen: 165.562 ug/l
RT: 10.099 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 759052
Ion Ratio Lower Upper
106 100
91 212.7 107.9 323.7

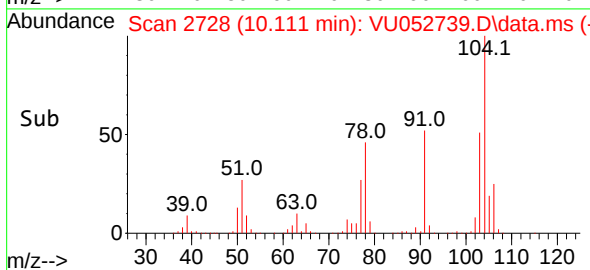
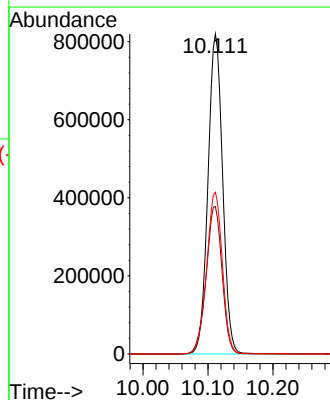
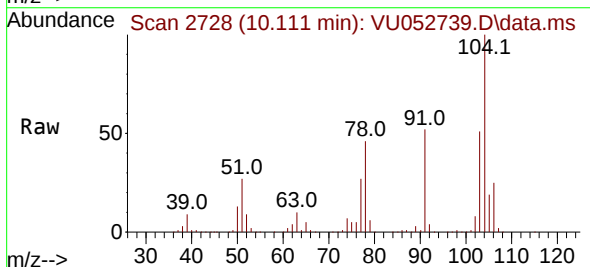
Manual Integrations
APPROVED

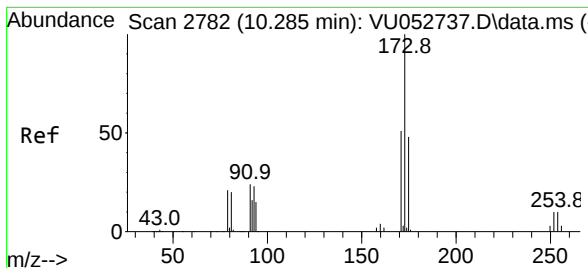
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#70
Styrene
Concen: 167.794 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. 0.003 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

Tgt Ion:104 Resp: 1288217
Ion Ratio Lower Upper
104 100
78 50.1 39.9 59.9
103 54.2 43.4 65.2





#71

Bromoform

Concen: 159.233 ug/l

RT: 10.288 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU052739.D

Acq: 19 Jan 2023 15:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion:173 Resp: 36038

Ion Ratio Lower Upper

173 100

175 49.2 24.1 72.2

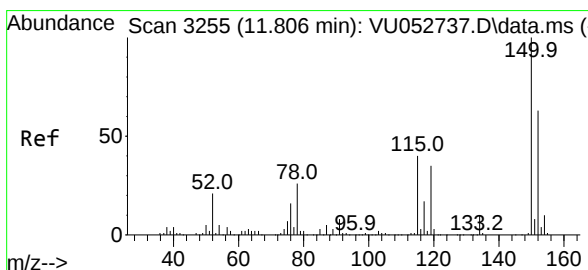
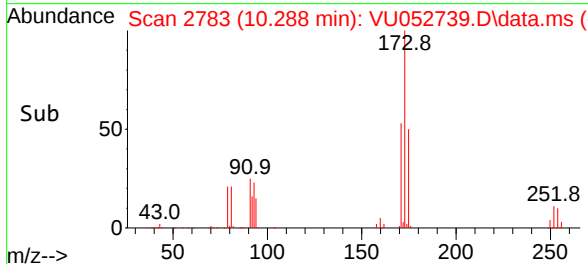
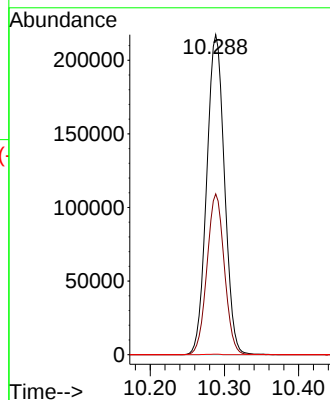
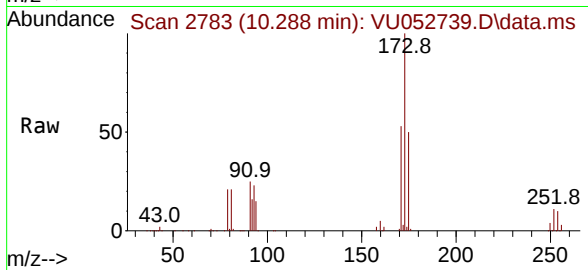
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.809 min Scan# 3256

Delta R.T. 0.003 min

Lab File: VU052739.D

Acq: 19 Jan 2023 15:13

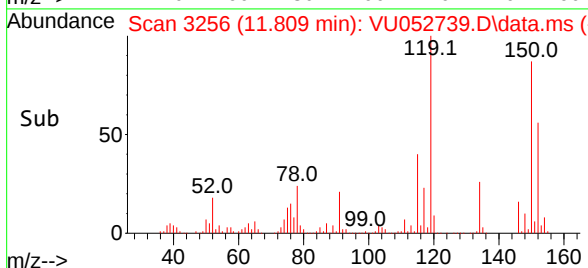
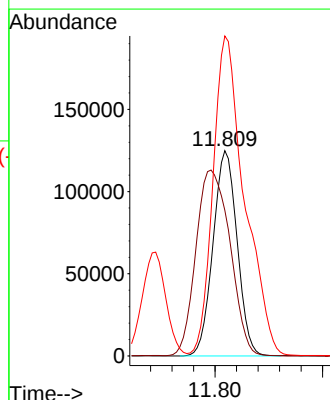
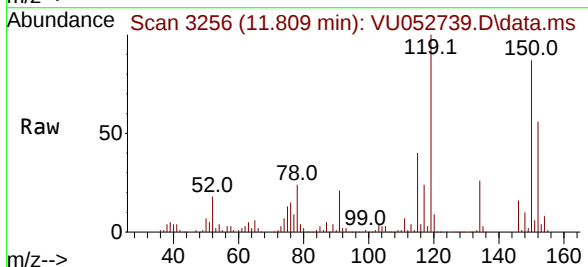
Tgt Ion:152 Resp: 194195

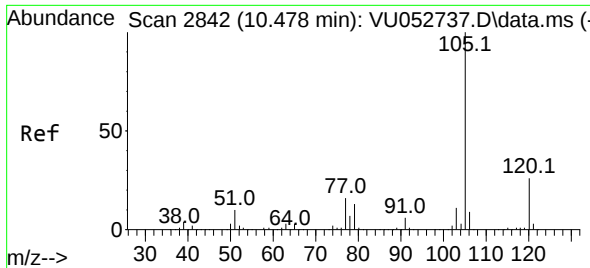
Ion Ratio Lower Upper

152 100

115 128.1 41.7 125.1#

150 204.2 0.0 349.2





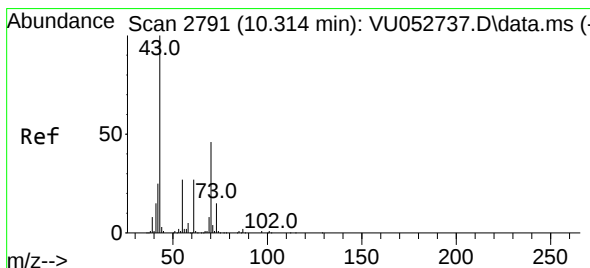
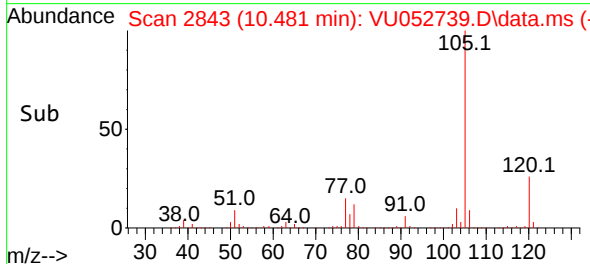
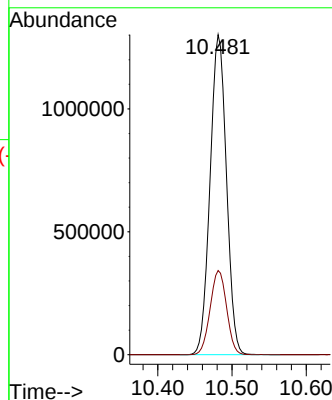
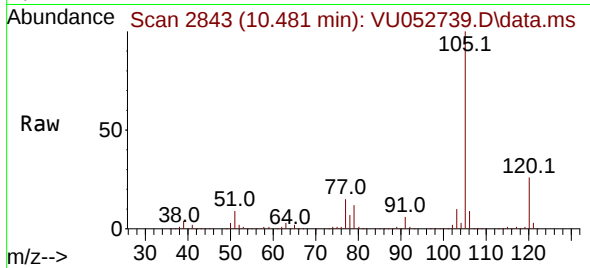
#73
Isopropylbenzene
Concen: 150.866 ug/l
RT: 10.481 min Scan# 2843
Delta R.T. 0.003 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 198697
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.5

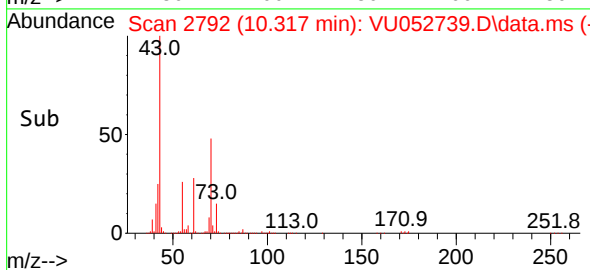
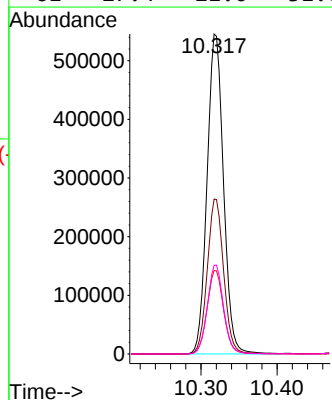
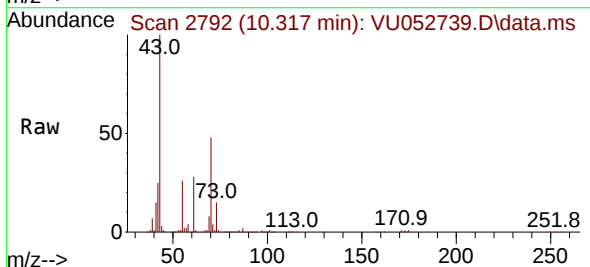
Manual Integrations
APPROVED

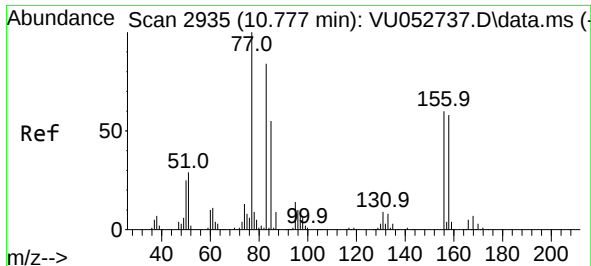
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#74
N-amy1 acetate
Concen: 139.205 ug/l
RT: 10.317 min Scan# 2792
Delta R.T. 0.003 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

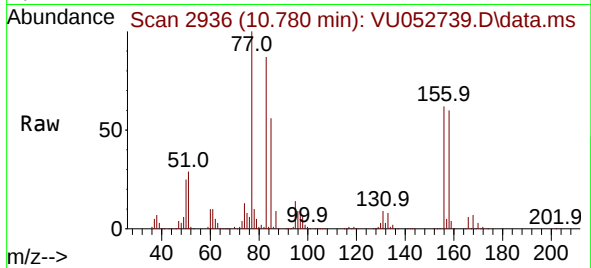
Tgt Ion: 43 Resp: 818606
Ion Ratio Lower Upper
43 100
70 48.1 37.9 56.9
55 26.3 21.9 32.9
61 27.4 21.0 31.6





#75
1,1,2,2-Tetrachloroethane
Concen: 124.735 ug/l
RT: 10.780 min Scan# 2935
Delta R.T. 0.003 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

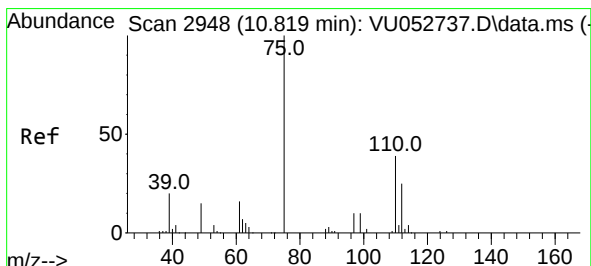
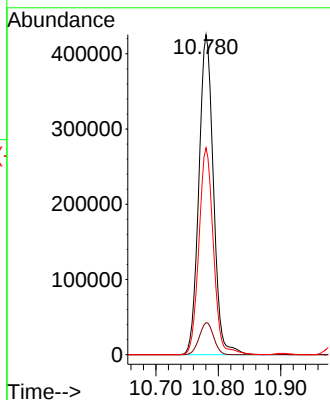
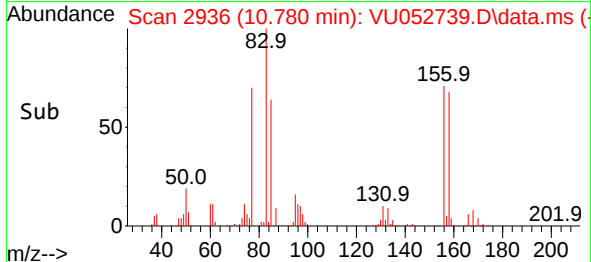
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 68934
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 64.4 32.3 96.8

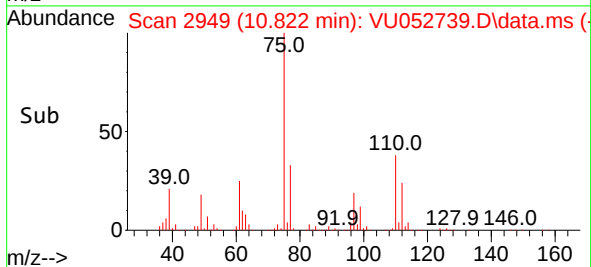
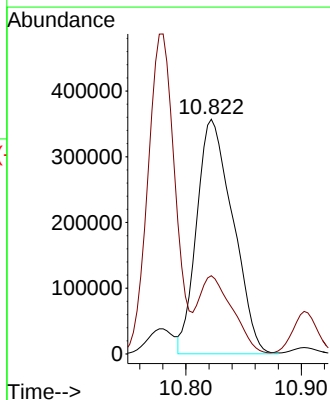
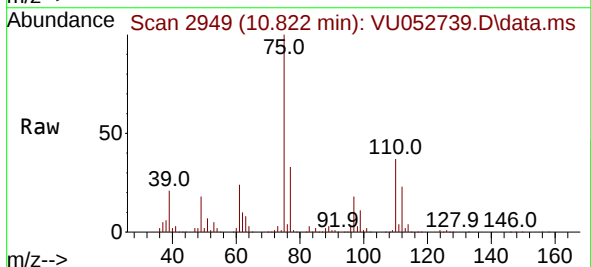
Manual Integrations
APPROVED

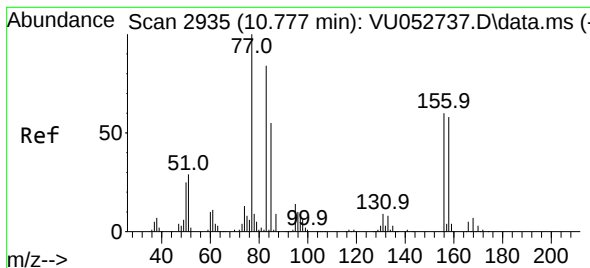
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#76
1,2,3-Trichloropropane
Concen: 128.768 ug/l
RT: 10.822 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

Tgt Ion: 75 Resp: 776983
Ion Ratio Lower Upper
75 100
77 30.6 15.0 45.1





#77

Bromobenzene

Concen: 145.764 ug/l

RT: 10.780 min Scan# 2935

Delta R.T. 0.003 min

Lab File: VU052739.D

Acq: 19 Jan 2023 15:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion:156 Resp: 48203

Ion Ratio Lower Upper

156 100

77 166.0 83.8 251.4

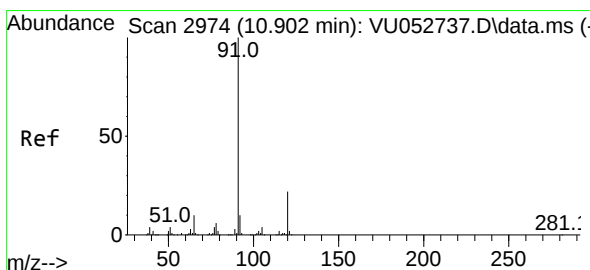
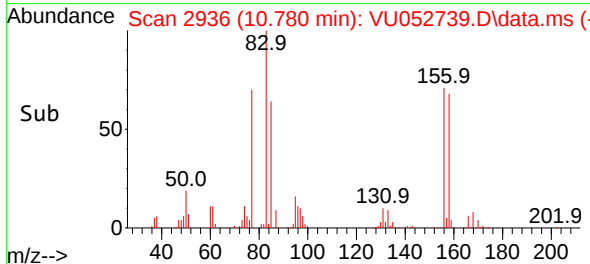
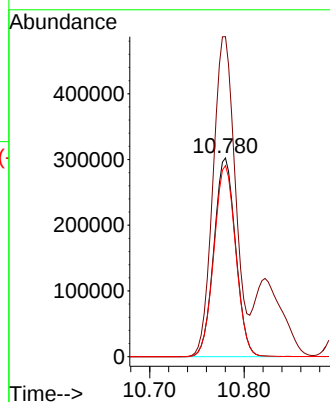
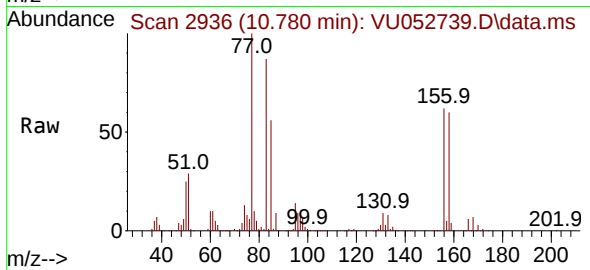
158 96.7 48.7 146.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#78

n-propylbenzene

Concen: 152.016 ug/l

RT: 10.902 min Scan# 2974

Delta R.T. 0.000 min

Lab File: VU052739.D

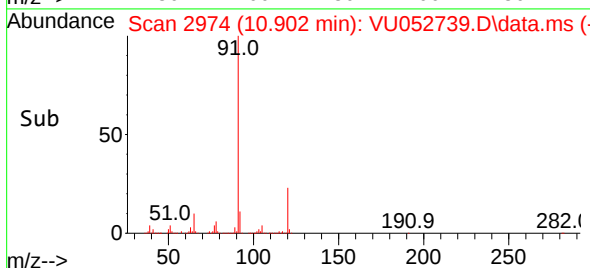
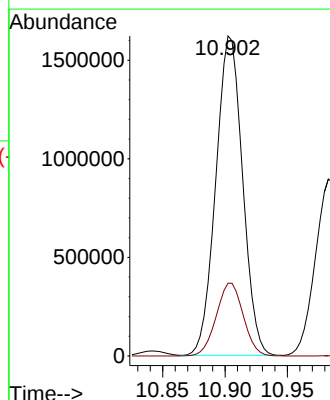
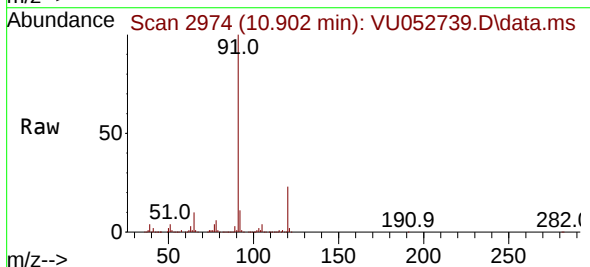
Acq: 19 Jan 2023 15:13

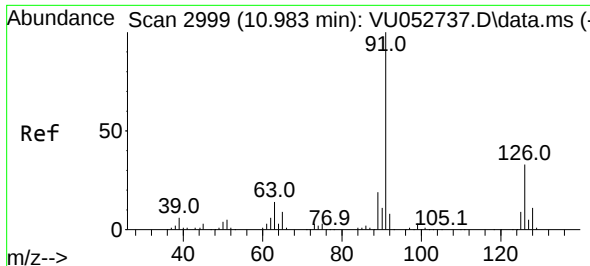
Tgt Ion: 91 Resp: 2422545

Ion Ratio Lower Upper

91 100

120 23.0 11.3 33.8





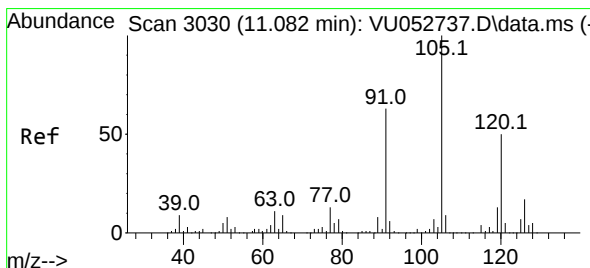
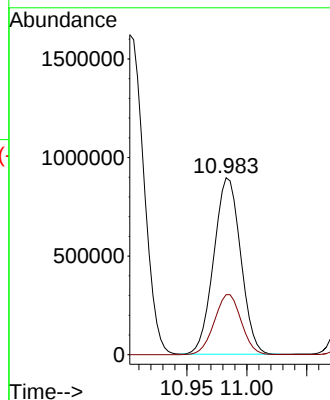
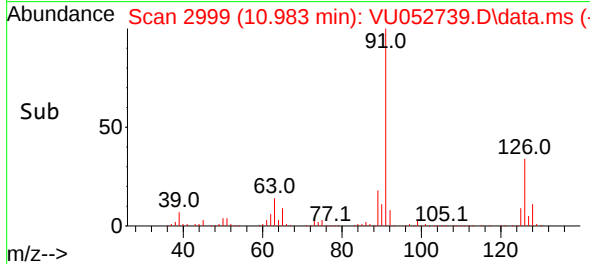
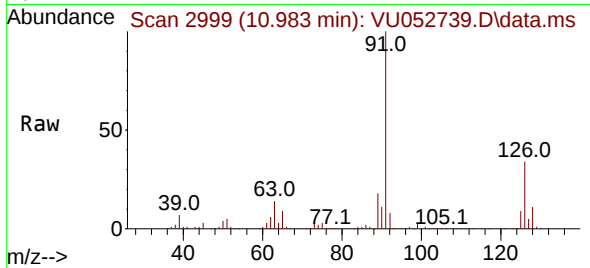
#79
2-Chlorotoluene
Concen: 142.934 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. 0.000 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 1397328
Ion Ratio Lower Upper
91 100
126 34.1 16.7 50.0

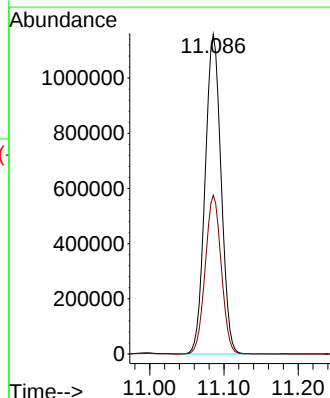
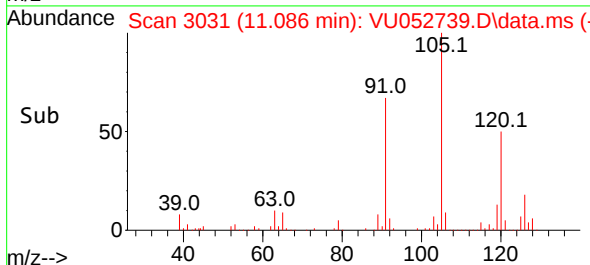
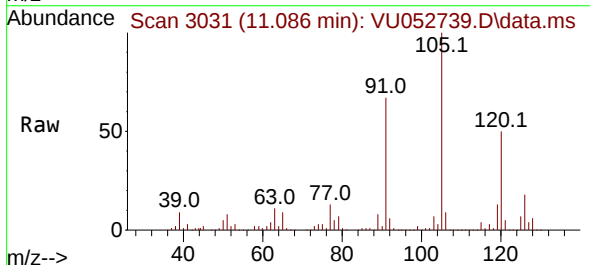
Manual Integrations
APPROVED

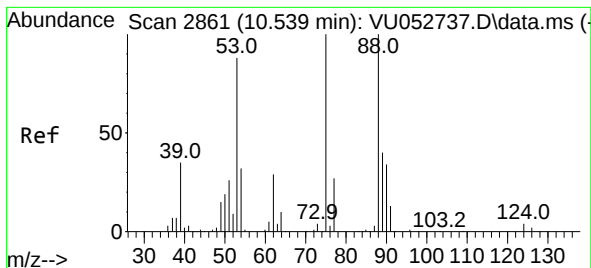
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 155.242 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. 0.003 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

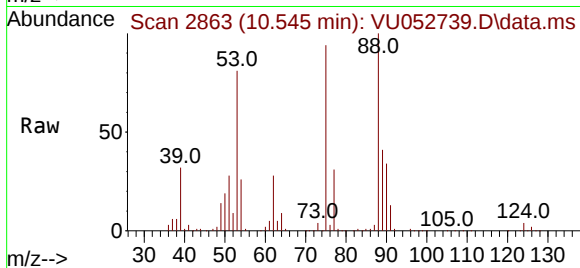
Tgt Ion:105 Resp: 1723511
Ion Ratio Lower Upper
105 100
120 49.7 25.1 75.2





#81
trans-1,4-Dichloro-2-butene
Concen: 145.390 ug/l
RT: 10.545 min Scan# 2861
Delta R.T. 0.007 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

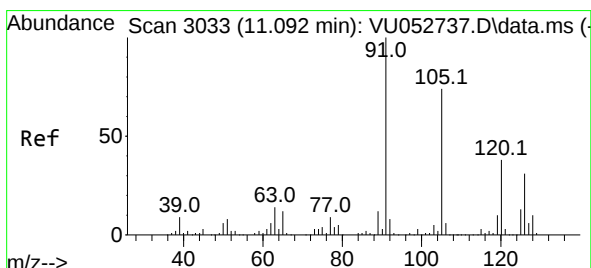
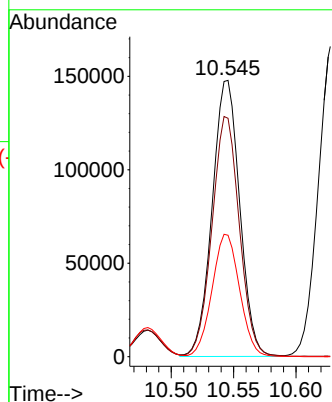
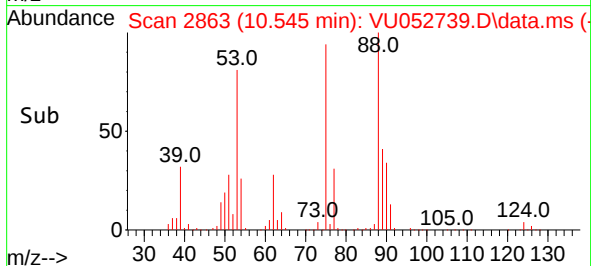
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 227085
Ion Ratio Lower Upper
75 100
53 86.3 72.4 108.6
89 44.6 35.0 52.4

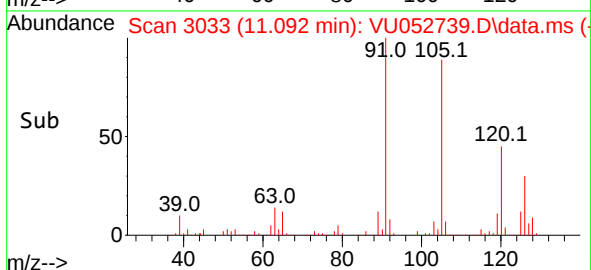
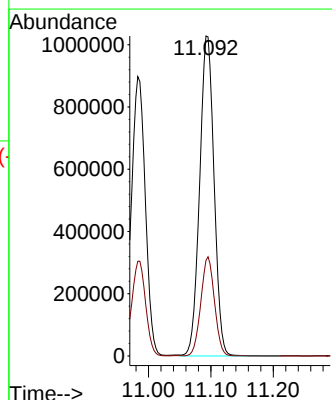
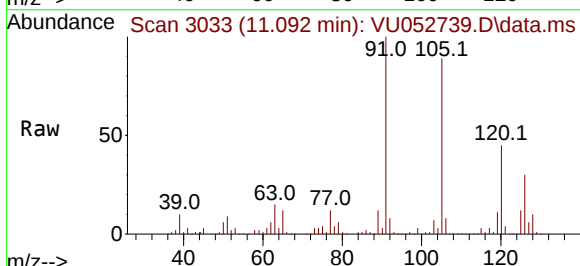
Manual Integrations
APPROVED

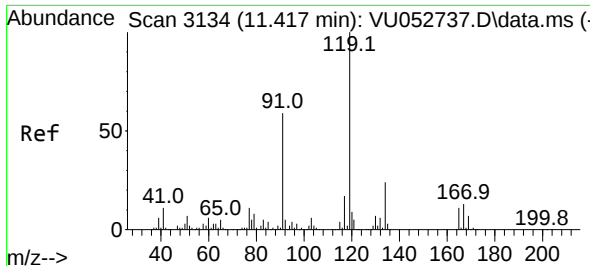
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#82
4-Chlorotoluene
Concen: 148.327 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

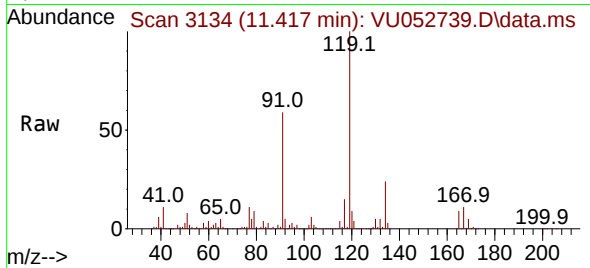
Tgt Ion: 91 Resp: 1647018
Ion Ratio Lower Upper
91 100
126 29.2 14.9 44.7





#83
tert-Butylbenzene
Concen: 156.647 ug/l
RT: 11.417 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

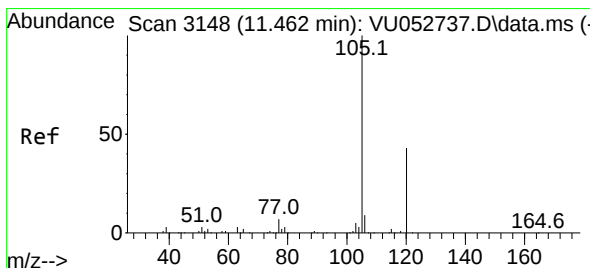
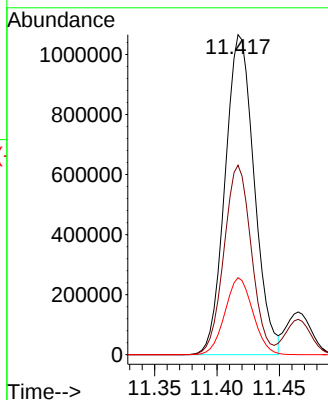
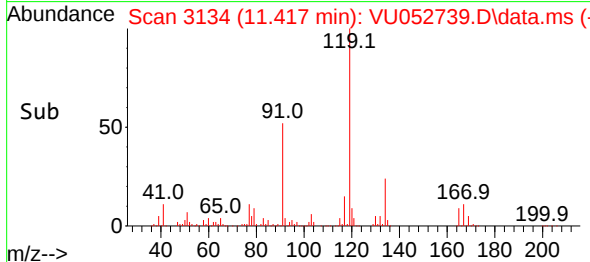
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



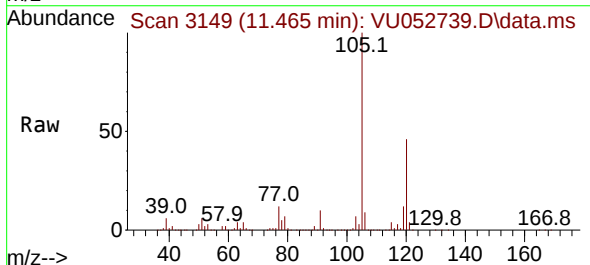
Tgt Ion:119 Resp: 1734189
Ion Ratio Lower Upper
119 100
91 55.8 28.4 85.2
134 23.1 11.5 34.5

Manual Integrations
APPROVED

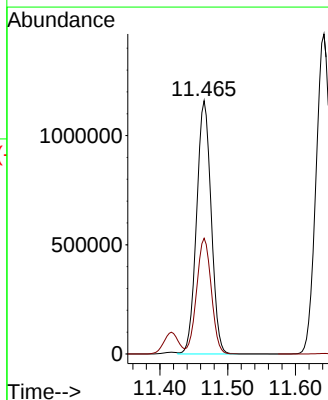
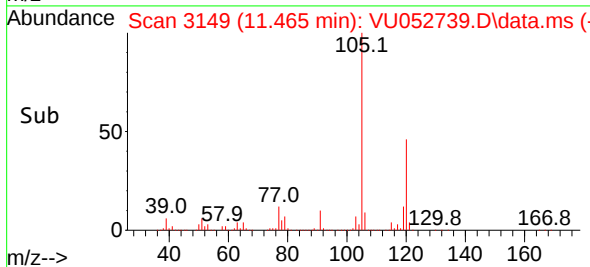
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

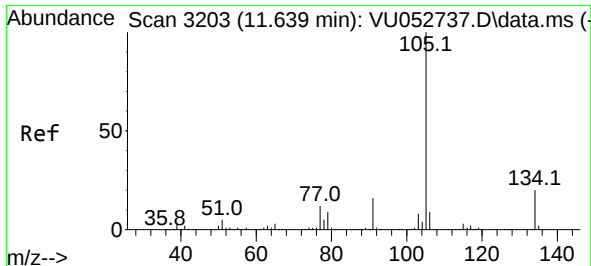


#84
1,2,4-Trimethylbenzene
Concen: 158.040 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. 0.003 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13



Tgt Ion:105 Resp: 1728672
Ion Ratio Lower Upper
105 100
120 46.1 23.2 69.5





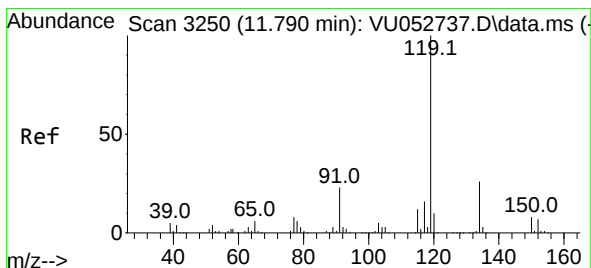
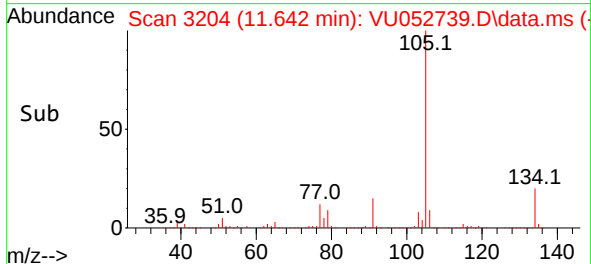
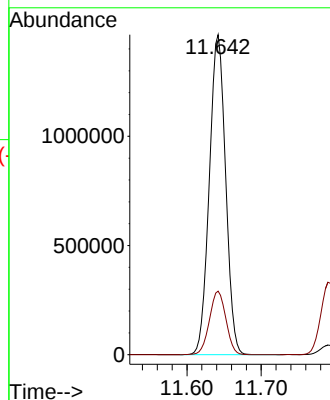
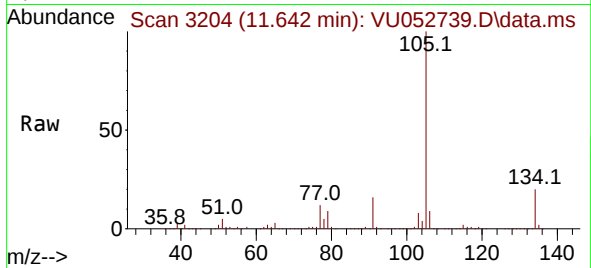
#85
 sec-Butylbenzene
 Concen: 159.918 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU052739.D
 Acq: 19 Jan 2023 15:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

Tgt Ion:105 Resp: 222580
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.3

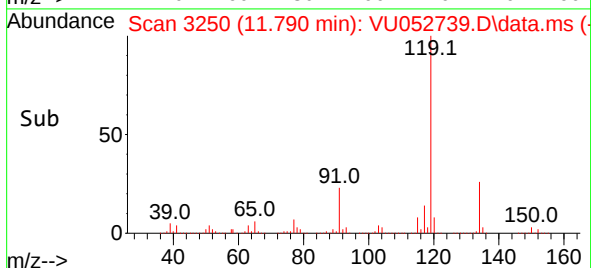
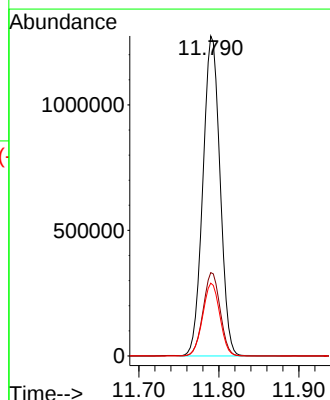
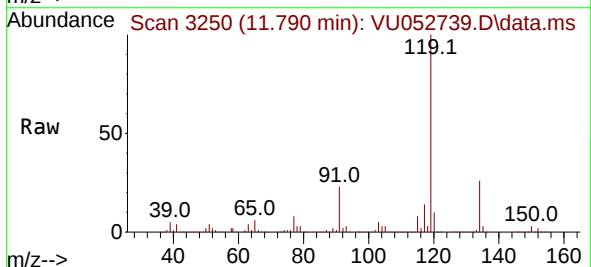
Manual Integrations
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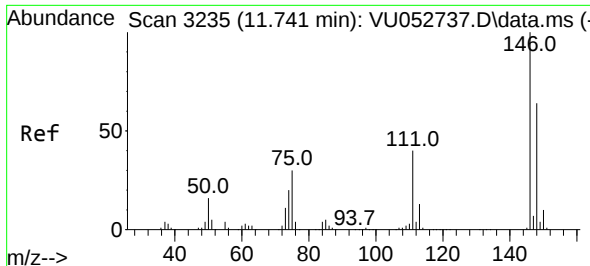
Reviewed By :John Carlone 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023



#86
 p-Isopropyltoluene
 Concen: 166.385 ug/l
 RT: 11.790 min Scan# 3250
 Delta R.T. 0.000 min
 Lab File: VU052739.D
 Acq: 19 Jan 2023 15:13

Tgt Ion:119 Resp: 1900530
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.1
 91 22.7 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 148.474 ug/l

RT: 11.742 min Scan# 3235

Delta R.T. 0.000 min

Lab File: VU052739.D

Acq: 19 Jan 2023 15:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion:146 Resp: 94697

Ion Ratio Lower Upper

146 100

111 40.4 20.1 60.2

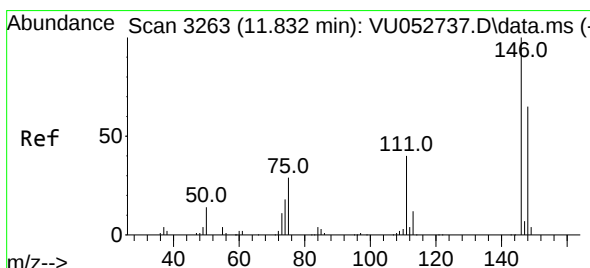
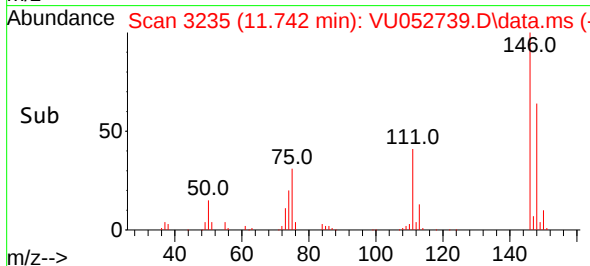
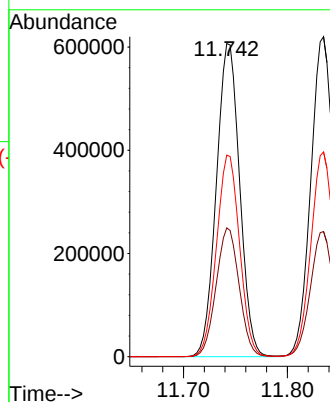
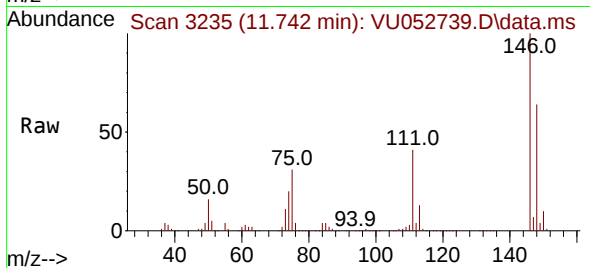
148 63.9 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#88

1,4-Dichlorobenzene

Concen: 146.953 ug/l

RT: 11.835 min Scan# 3264

Delta R.T. 0.003 min

Lab File: VU052739.D

Acq: 19 Jan 2023 15:13

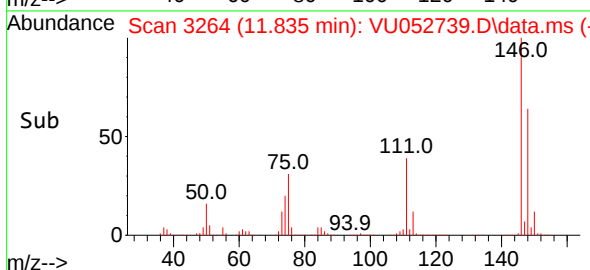
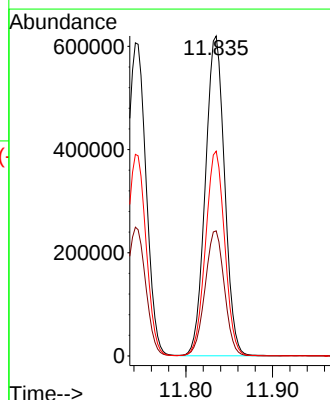
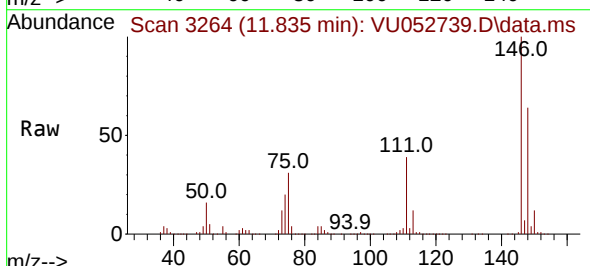
Tgt Ion:146 Resp: 956115

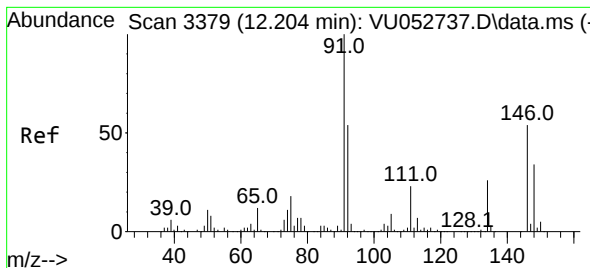
Ion Ratio Lower Upper

146 100

111 39.2 20.3 61.0

148 63.9 32.3 96.8





#89

n-Butylbenzene

Concen: 167.746 ug/l

RT: 12.205 min Scan# 3379

Delta R.T. 0.000 min

Lab File: VU052739.D

Acq: 19 Jan 2023 15:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 172757

Ion Ratio Lower Upper

91 100

92 54.3 26.8 80.3

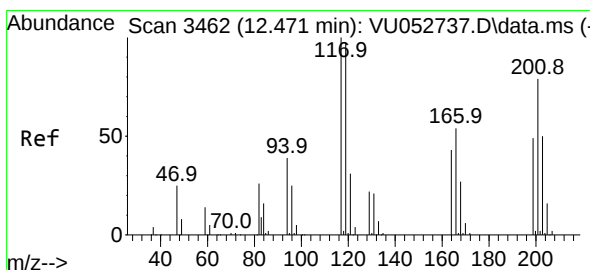
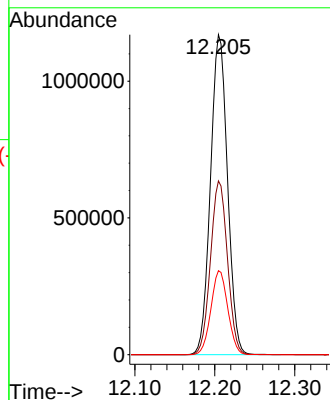
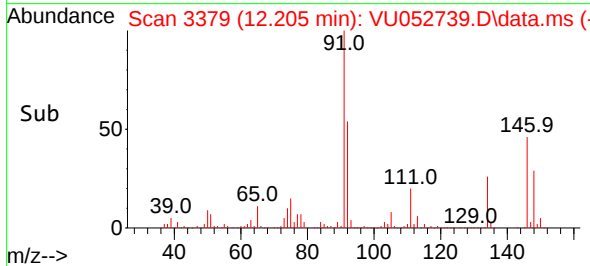
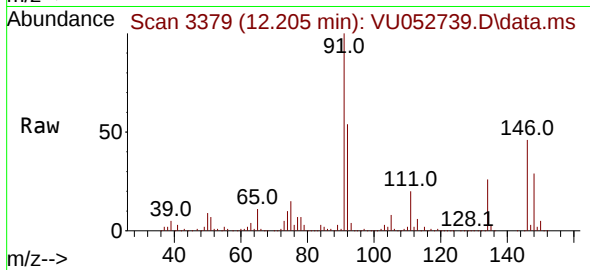
134 26.1 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#90

Hexachloroethane

Concen: 150.494 ug/l

RT: 12.471 min Scan# 3462

Delta R.T. 0.000 min

Lab File: VU052739.D

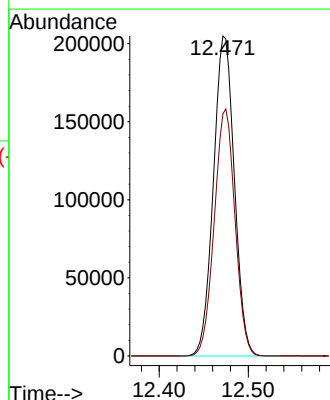
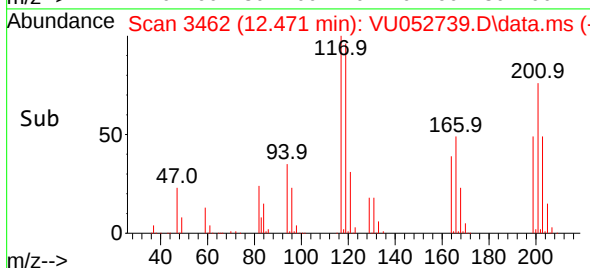
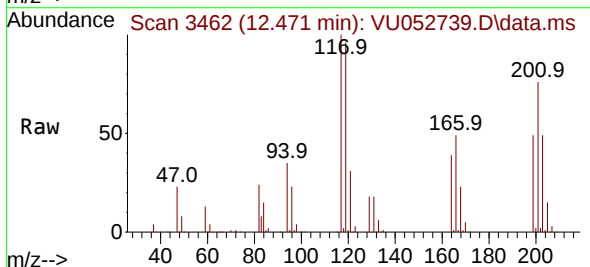
Acq: 19 Jan 2023 15:13

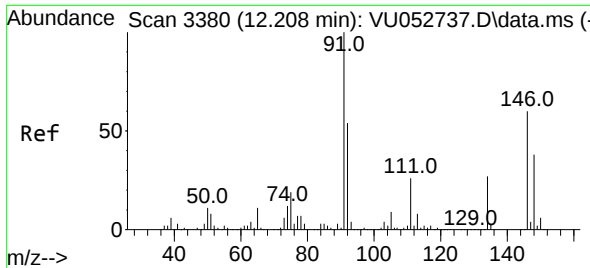
Tgt Ion:117 Resp: 335217

Ion Ratio Lower Upper

117 100

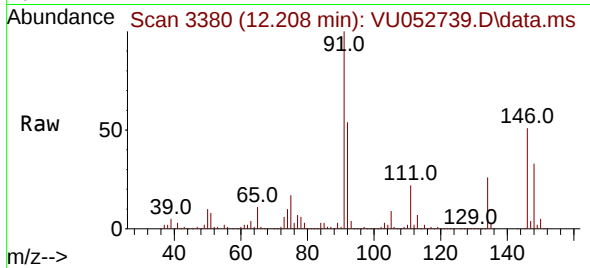
201 76.4 39.3 117.9





#91
1,2-Dichlorobenzene
Concen: 147.534 ug/l
RT: 12.208 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

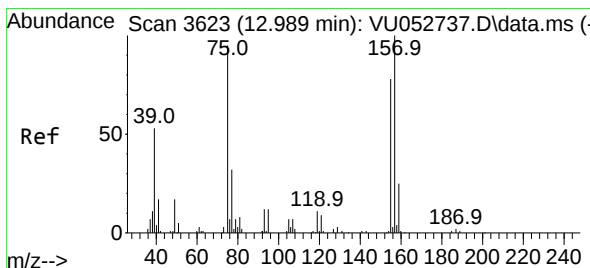
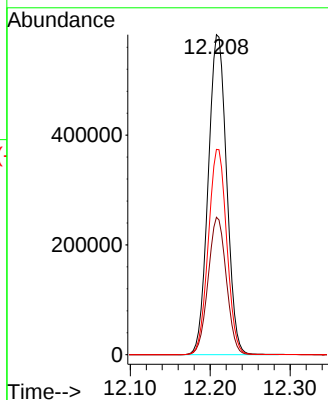
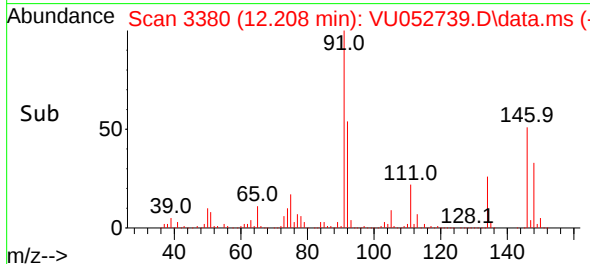
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



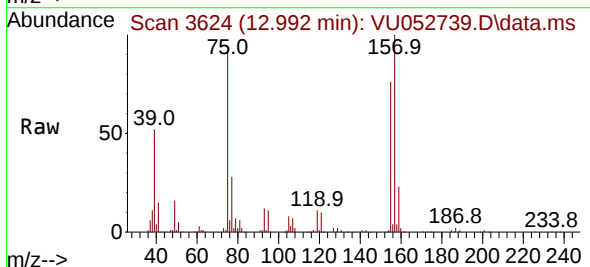
Tgt Ion:146 Resp: 932020
Ion Ratio Lower Upper
146 100
111 42.6 21.1 63.1
148 64.4 31.4 94.0

Manual Integrations
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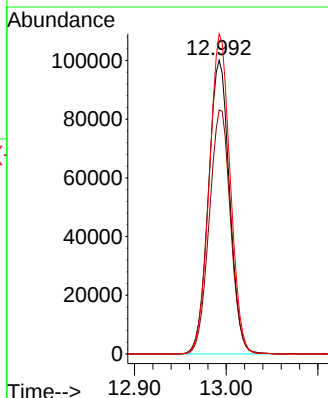
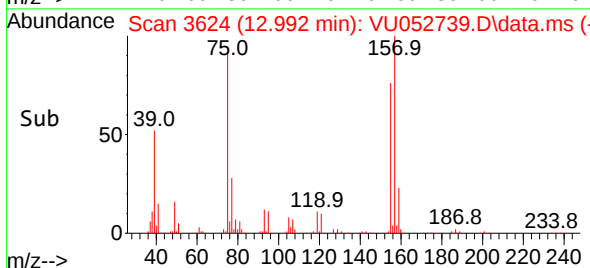
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

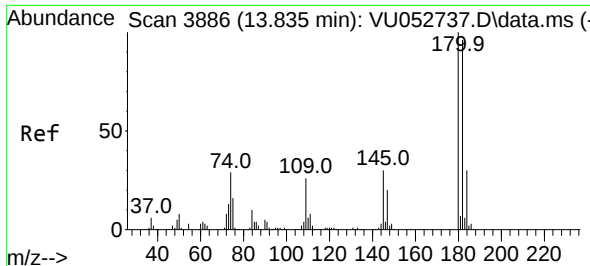


#92
1,2-Dibromo-3-Chloropropane
Concen: 135.953 ug/l
RT: 12.992 min Scan# 3624
Delta R.T. 0.003 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13



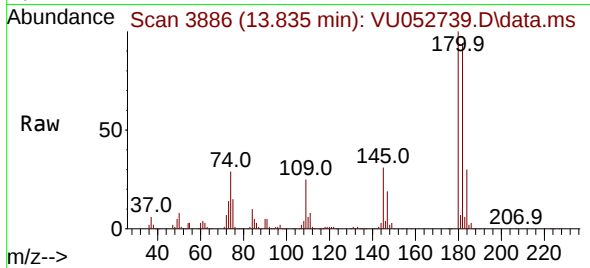
Tgt Ion: 75 Resp: 160445
Ion Ratio Lower Upper
75 100
155 83.5 41.4 124.4
157 107.7 53.4 160.2





#93
1,2,4-Trichlorobenzene
Concen: 176.278 ug/l
RT: 13.835 min Scan# 3886
Delta R.T. 0.000 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

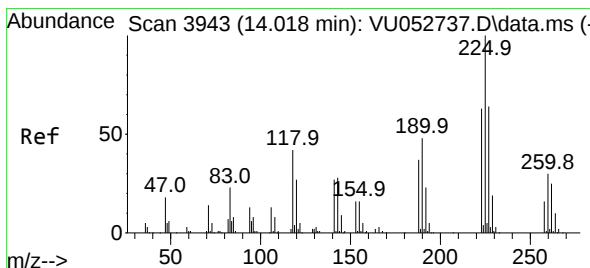
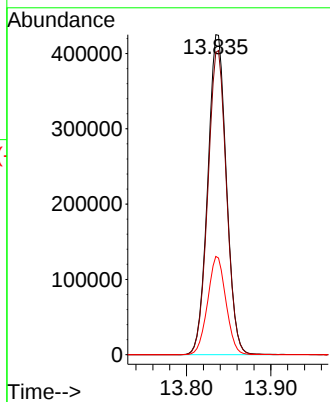
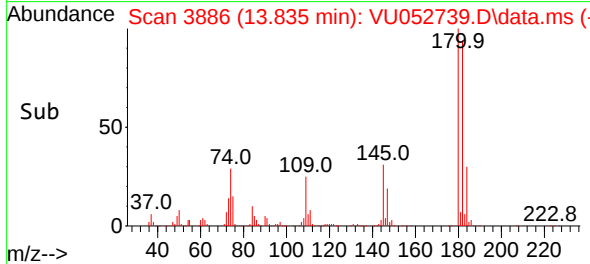
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



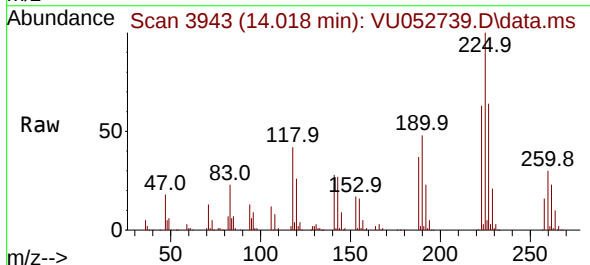
Tgt Ion:180 Resp: 652950
Ion Ratio Lower Upper
180 100
182 95.2 47.4 142.3
145 30.1 14.9 44.5

Manual Integrations
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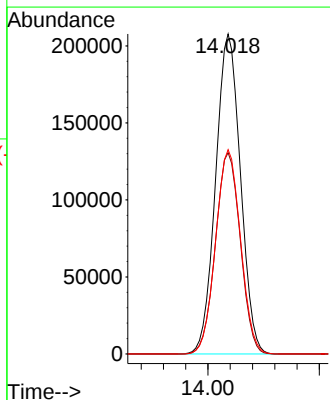
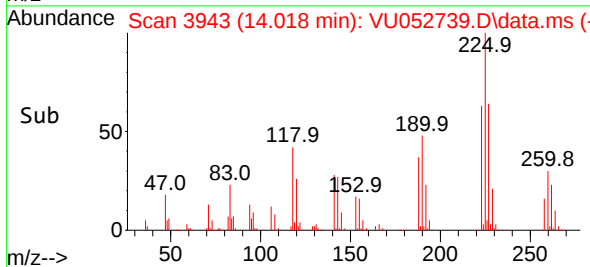
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

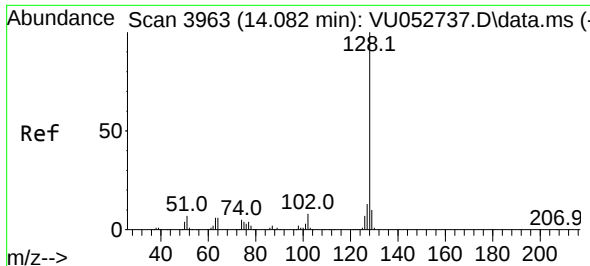


#94
Hexachlorobutadiene
Concen: 163.225 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. 0.000 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13



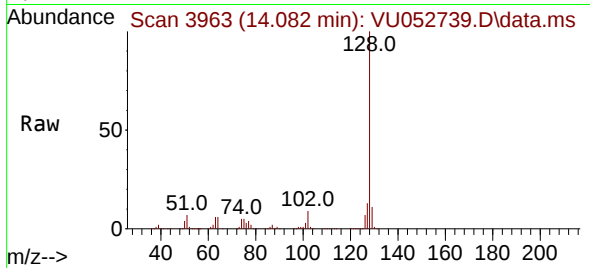
Tgt Ion:225 Resp: 321583
Ion Ratio Lower Upper
225 100
223 62.9 31.8 95.3
227 64.0 31.8 95.4





#95
Naphthalene
Concen: 173.218 ug/l
RT: 14.082 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13

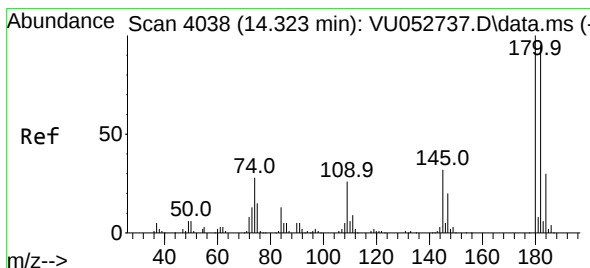
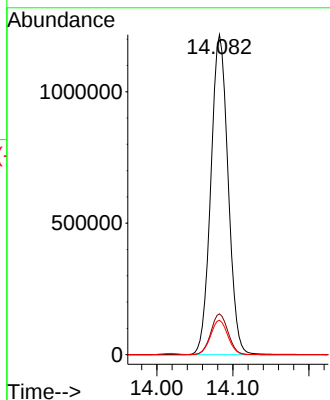
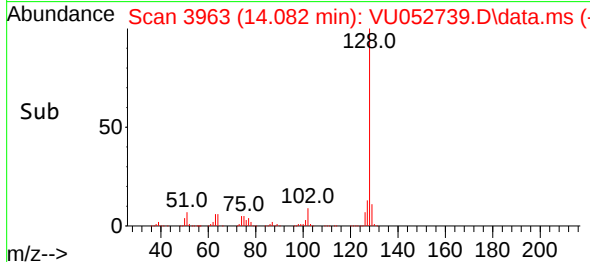
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



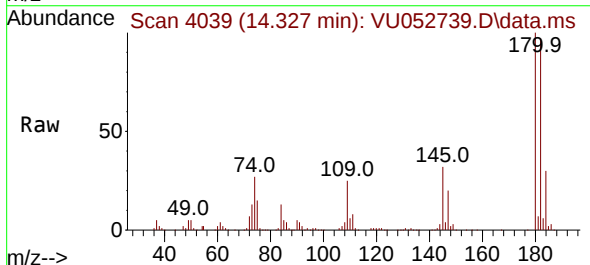
Tgt Ion:128 Resp: 191512
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 169.708 ug/l
RT: 14.327 min Scan# 4039
Delta R.T. 0.003 min
Lab File: VU052739.D
Acq: 19 Jan 2023 15:13



Tgt Ion:180 Resp: 630889
Ion Ratio Lower Upper
180 100
182 96.3 48.1 144.3
145 31.9 15.8 47.4

