

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011123\
 Data File : VU052653.D
 Acq On : 11 Jan 2023 16:12
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/13/2023
 Supervised By :Mahesh Dadoda 01/13/2023

Quant Time: Jan 12 03:20:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 12 03:18:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	257081	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.246	114	443757	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	417151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	223414	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	573388	145.404	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 290.800%#			
35) Dibromofluoromethane	5.285	113	436467	141.649	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 283.300%#			
50) Toluene-d8	7.896	98	1723883	154.222	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 308.440%#			
62) 4-Bromofluorobenzene	10.629	95	664049	156.543	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 313.080%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	468064	118.448	ug/l	100
3) Chloromethane	1.520	50	615313	112.265	ug/l	98
4) Vinyl Chloride	1.604	62	574095	140.187	ug/l	100
5) Bromomethane	1.858	94	332260	221.124	ug/l	99
6) Chloroethane	1.932	64	334203	164.059	ug/l	99
7) Trichlorofluoromethane	2.134	101	698614	133.445	ug/l	98
8) Diethyl Ether	2.375	74	297932	153.052	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.578	101	421524	147.062	ug/l	93
10) Methyl Iodide	2.722	142	505521	186.609	ug/l	95
11) Tert butyl alcohol	3.288	59	505806m	557.466	ug/l	
12) 1,1-Dichloroethene	2.578	96	421961	149.590	ug/l	87
13) Acrolein	2.485	56	667679	977.212	ug/l	99
14) Allyl chloride	2.922	41	872523	153.475	ug/l	87
15) Acrylonitrile	3.314	53	1581646	714.748	ug/l	99
16) Acetone	2.636	43	1339721	656.528	ug/l	99
17) Carbon Disulfide	2.793	76	1335269	150.615	ug/l	100
18) Methyl Acetate	2.948	43	880352	158.867	ug/l	91
19) Methyl tert-butyl Ether	3.359	73	1563059	150.256	ug/l	96
20) Methylene Chloride	3.044	84	512005	137.442	ug/l #	87
21) trans-1,2-Dichloroethene	3.349	96	470656	154.492	ug/l	91
22) Diisopropyl ether	3.986	45	1679327	154.256	ug/l #	75
23) Vinyl Acetate	3.951	43	6893669	736.410	ug/l	95
24) 1,1-Dichloroethane	3.864	63	939654	150.353	ug/l	98
25) 2-Butanone	4.703	43	2100146	700.067	ug/l	93
26) 2,2-Dichloropropane	4.661	77	749388	145.830	ug/l	98
27) cis-1,2-Dichloroethene	4.661	96	538644	153.764	ug/l	89
28) Bromochloromethane	4.970	49	435969	158.512	ug/l #	72
29) Tetrahydrofuran	5.050	42	1309648	649.584	ug/l	88
30) Chloroform	5.086	83	882339	143.377	ug/l	99
31) Cyclohexane	5.385	56	884418	146.771	ug/l	89
32) 1,1,1-Trichloroethane	5.314	97	746753	141.935	ug/l	98
36) 1,1-Dichloropropene	5.523	75	700984	153.473	ug/l	96
37) Ethyl Acetate	4.800	43	806501	135.196	ug/l	96
38) Carbon Tetrachloride	5.523	117	645617	138.237	ug/l	99
39) Methylcyclohexane	6.761	83	872975	160.743	ug/l	92
40) Benzene	5.771	78	2050486	149.501	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	435181	141.540	ug/l	87
42) 1,2-Dichloroethane	5.790	62	712473	140.853	ug/l	100
43) Isopropyl Acetate	5.906	43	1255835	141.160	ug/l	97
44) Trichloroethene	6.539	130	483177	148.446	ug/l	88
45) 1,2-Dichloropropane	6.787	63	564162	148.318	ug/l	100
46) Dibromomethane	6.915	93	353856	141.916	ug/l	88
47) Bromodichloromethane	7.102	83	718262	148.049	ug/l	99
48) Methyl methacrylate	6.957	41	604361	145.542	ug/l	88
49) 1,4-Dioxane	7.021	88	150329	1445.495	ug/l #	1
51) 4-Methyl-2-Pentanone	7.793	43	4060440	684.150	ug/l	97
52) Toluene	7.967	92	1263021	154.124	ug/l	98
53) t-1,3-Dichloropropene	8.208	75	856934	164.277	ug/l	100
54) cis-1,3-Dichloropropene	7.603	75	916631	163.944	ug/l	98
55) 1,1,2-Trichloroethane	8.398	97	488252	146.148	ug/l	98
56) Ethyl methacrylate	8.330	69	877132	158.748	ug/l	92
57) 1,3-Dichloropropane	8.571	76	913049	152.635	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.459	63	218287	686.438	ug/l	94
59) 2-Hexanone	8.687	43	3128556	668.991	ug/l	97
60) Dibromochloromethane	8.806	129	531527	153.639	ug/l	100
61) 1,2-Dibromoethane	8.922	107	523966	144.248	ug/l	99
64) Tetrachloroethene	8.552	164	393935	145.890	ug/l	95
65) Chlorobenzene	9.442	112	1302853	151.282	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.529	131	471889	146.955	ug/l	98
67) Ethyl Benzene	9.568	91	2441592	154.826	ug/l	97
68) m/p-Xylenes	9.690	106	1865842	317.077	ug/l	94
69) o-Xylene	10.098	106	903850	156.345	ug/l	93
70) Styrene	10.111	104	1548238	165.770	ug/l	97
71) Bromoform	10.288	173	408063	149.951	ug/l	100
73) Isopropylbenzene	10.481	105	2376479	149.900	ug/l	97
74) N-amyl acetate	10.317	43	1171826	143.450	ug/l	95
75) 1,1,2,2-Tetrachloroethane	10.780	83	872935	131.857	ug/l	99
76) 1,2,3-Trichloropropane	10.822	75	1007224	135.544	ug/l	97
77) Bromobenzene	10.780	156	543941	141.032	ug/l	79
78) n-propylbenzene	10.902	91	2961415	152.916	ug/l	96
79) 2-Chlorotoluene	10.983	91	1708443	144.139	ug/l	92
80) 1,3,5-Trimethylbenzene	11.086	105	2066129	149.803	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.542	75	301403	150.630	ug/l	97
82) 4-Chlorotoluene	11.092	91	2008986	149.712	ug/l	93
83) tert-Butylbenzene	11.417	119	2039088	150.700	ug/l	96
84) 1,2,4-Trimethylbenzene	11.465	105	2069823	152.842	ug/l	98
85) sec-Butylbenzene	11.642	105	2645320	154.760	ug/l	97
86) p-Isopropyltoluene	11.790	119	2231506	160.403	ug/l	98
87) 1,3-Dichlorobenzene	11.741	146	1094082	147.300	ug/l	97
88) 1,4-Dichlorobenzene	11.831	146	1101223	146.360	ug/l	97
89) n-Butylbenzene	12.204	91	2133012	164.692	ug/l	97
90) Hexachloroethane	12.471	117	398803	146.165	ug/l	82
91) 1,2-Dichlorobenzene	12.208	146	1078641	144.651	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.992	75	201153	120.655	ug/l	79
93) 1,2,4-Trichlorobenzene	13.835	180	731832	141.721	ug/l	98
94) Hexachlorobutadiene	14.018	225	340142	148.060	ug/l	99
95) Naphthalene	14.082	128	2258003	115.361	ug/l	100
96) 1,2,3-Trichlorobenzene	14.327	180	712363	132.795	ug/l	97

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Quant Title : SW846 8260
QLast Update : Thu Jan 12 03:18:11 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

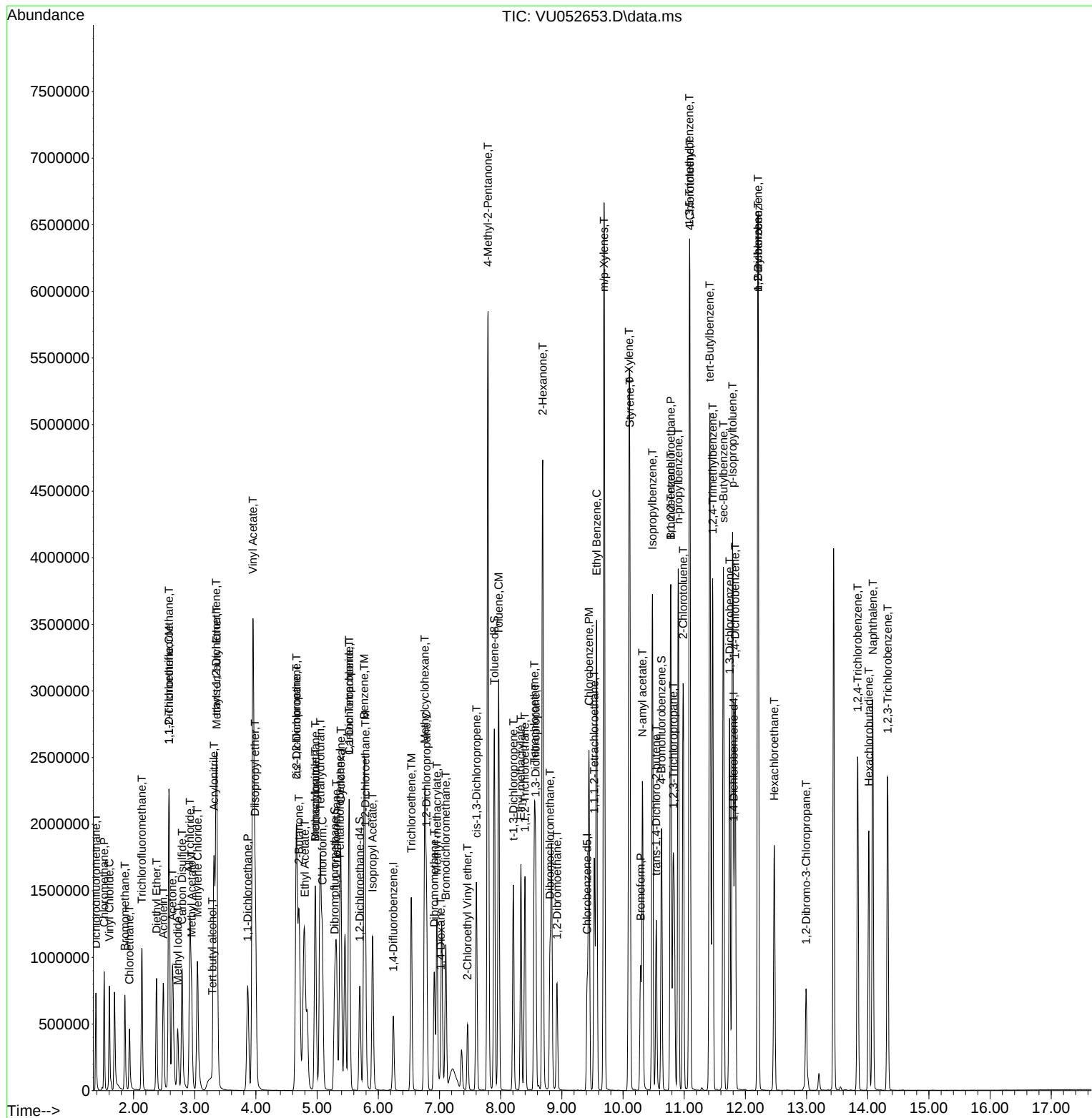
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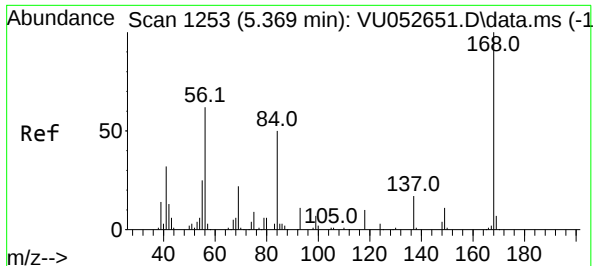
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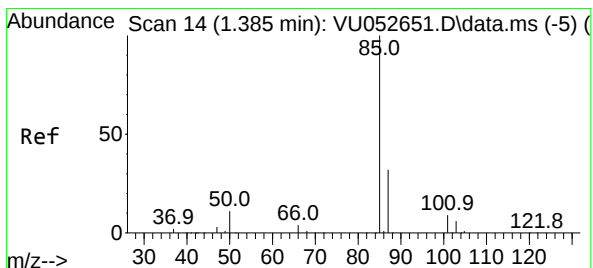
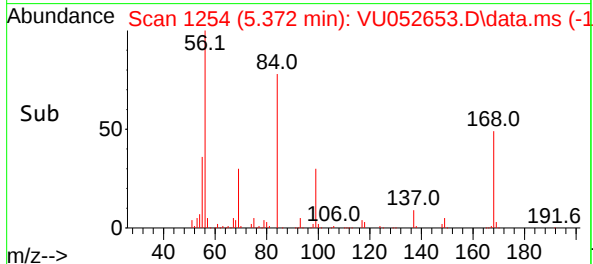
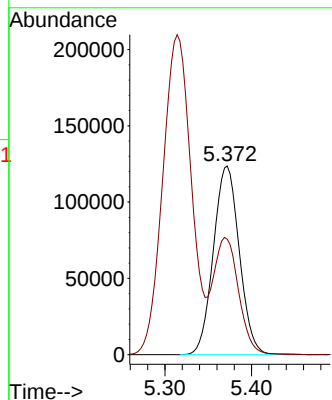
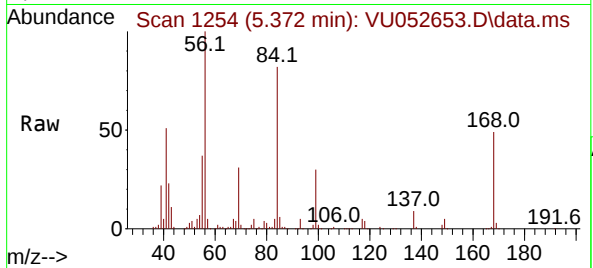
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

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Tgt Ion:168 Resp: 257083
Ion Ratio Lower Upper
168 100
99 61.0 39.3 58.9

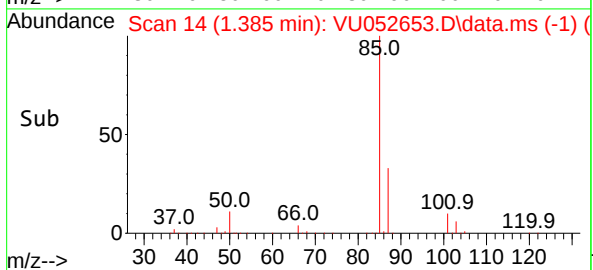
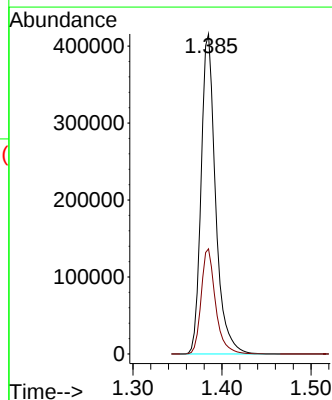
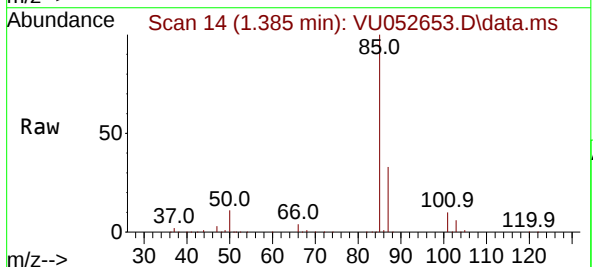
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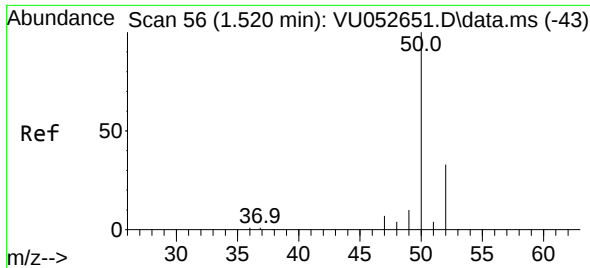
Reviewed By :Krupa Patel 01/13/2023
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#2
Dichlorodifluoromethane
Concen: 118.448 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

Tgt Ion: 85 Resp: 468064
Ion Ratio Lower Upper
85 100
87 32.8 16.4 49.2





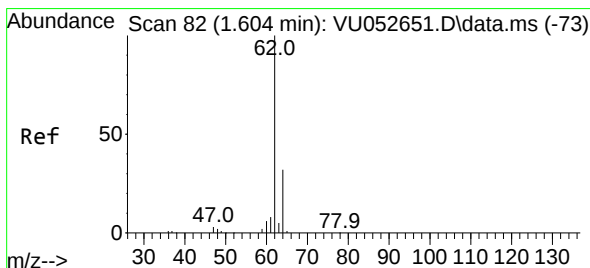
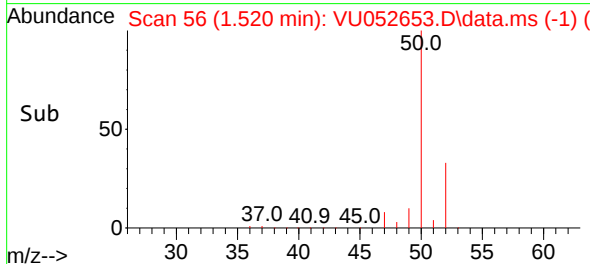
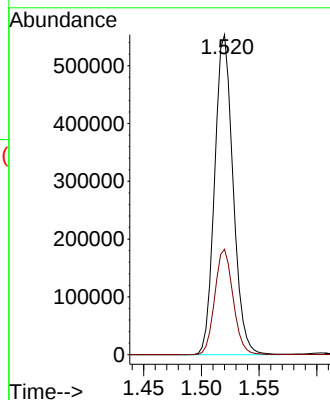
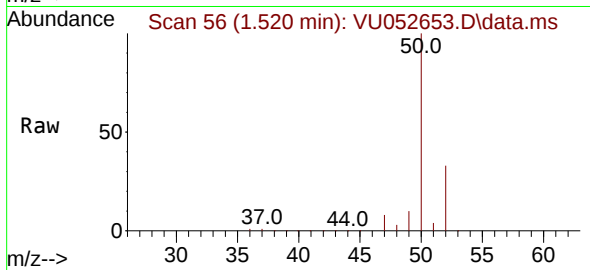
#3
Chloromethane
Concen: 112.265 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

Instrument :
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ClientSampleId :
VSTDIC150

Tgt Ion: 50 Resp: 61531
Ion Ratio Lower Upper
50 100
52 32.9 27.4 41.2

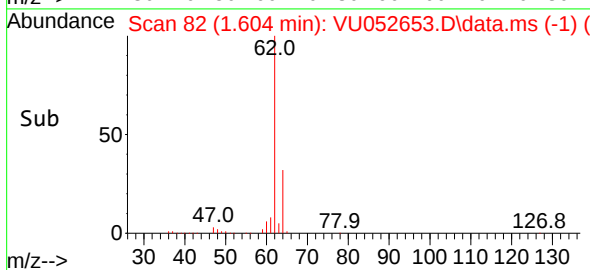
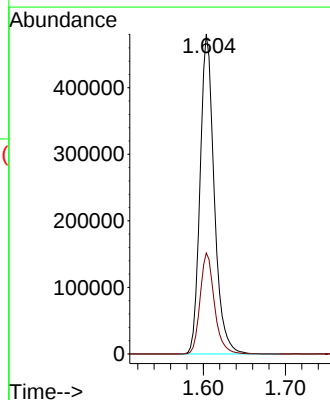
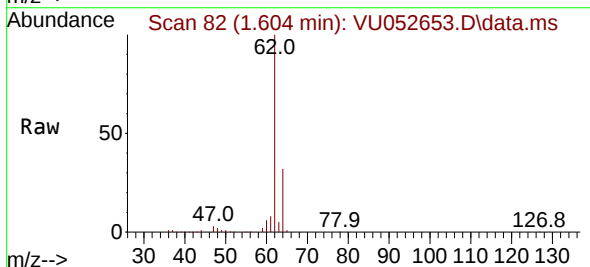
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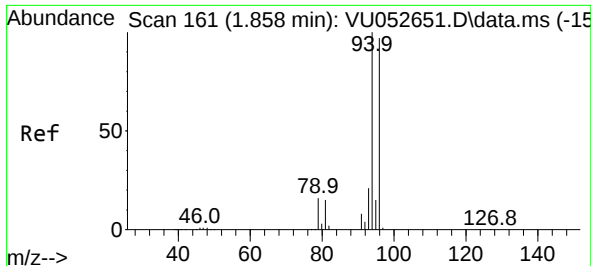
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#4
Vinyl Chloride
Concen: 140.187 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

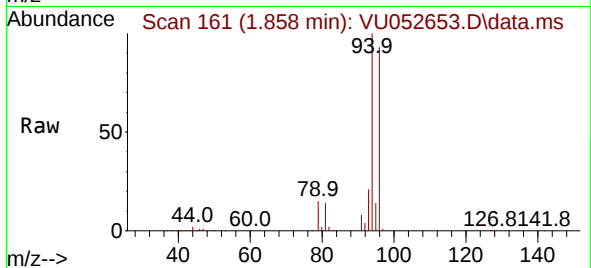
Tgt Ion: 62 Resp: 574095
Ion Ratio Lower Upper
62 100
64 31.5 25.3 37.9





#5
Bromomethane
Concen: 221.124 ug/l
RT: 1.858 min Scan# 161
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

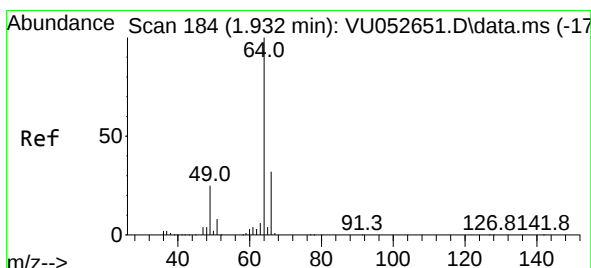
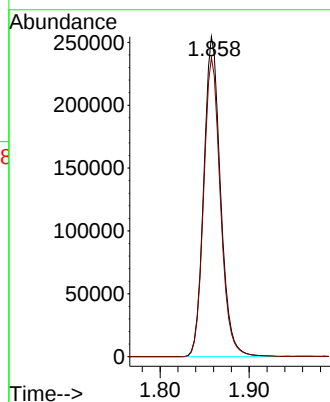
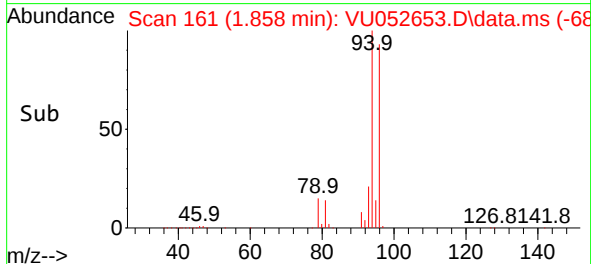
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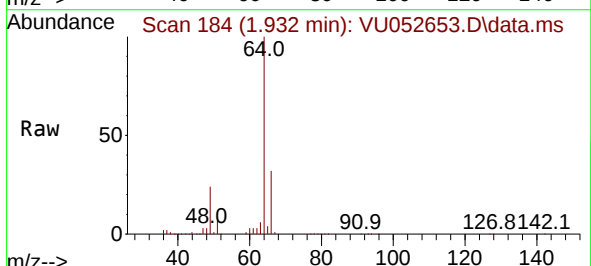
Tgt Ion: 94 Resp: 332260
Ion Ratio Lower Upper
94 100
96 93.5 73.7 110.5

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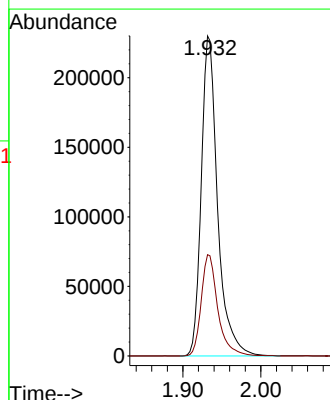
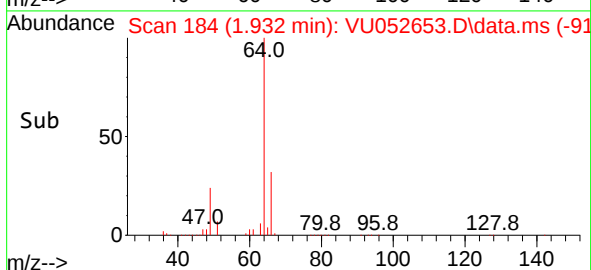
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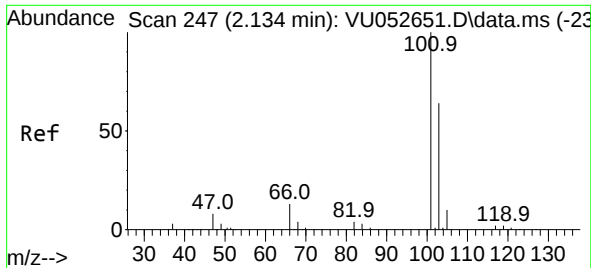


#6
Chloroethane
Concen: 164.059 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12



Tgt Ion: 64 Resp: 334203
Ion Ratio Lower Upper
64 100
66 31.7 24.7 37.1





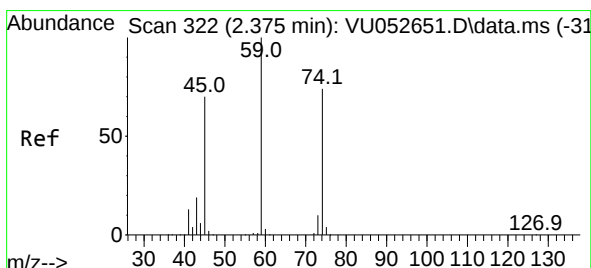
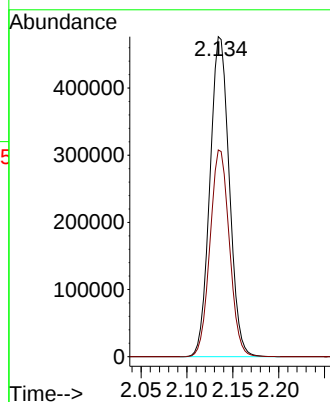
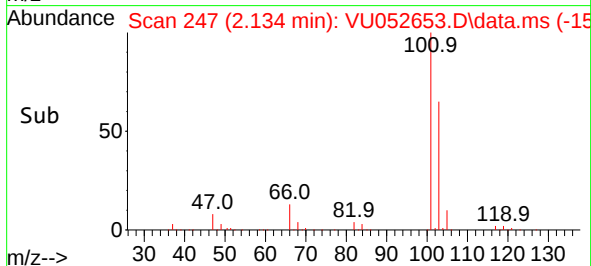
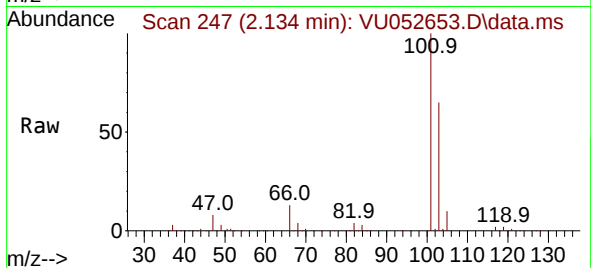
#7
Trichlorofluoromethane
Concen: 133.445 ug/l
RT: 2.134 min Scan# 247
Delta R.T. -0.000 min
Lab File: VU052653.D
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Instrument :
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Tgt Ion:101 Resp: 698614
Ion Ratio Lower Upper
101 100
103 64.6 50.6 75.8

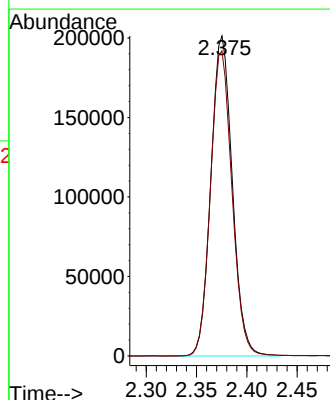
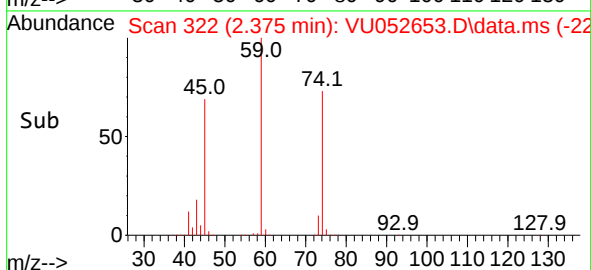
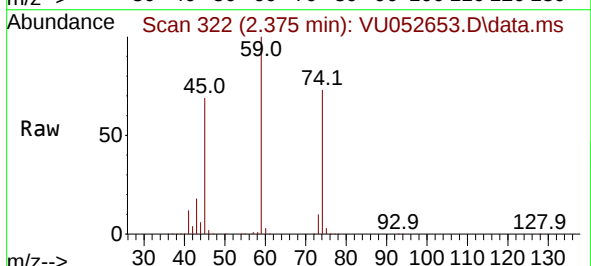
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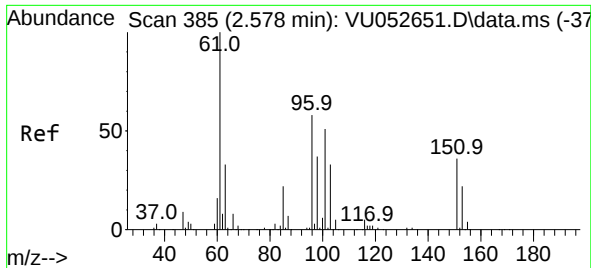
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#8
Diethyl Ether
Concen: 153.052 ug/l
RT: 2.375 min Scan# 322
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

Tgt Ion: 74 Resp: 297932
Ion Ratio Lower Upper
74 100
45 96.0 44.4 133.2





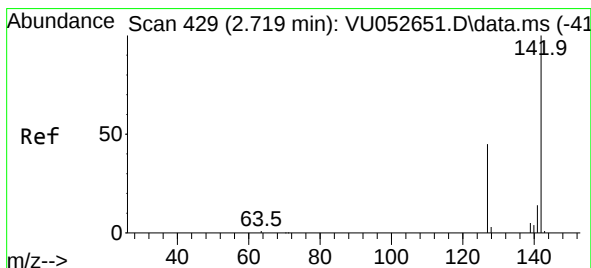
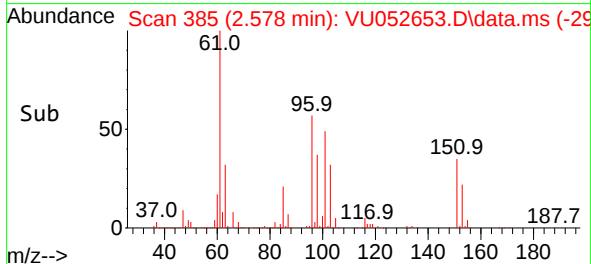
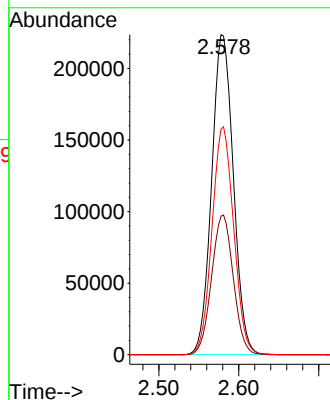
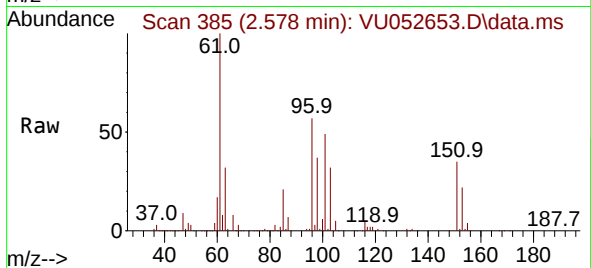
#9
1,1,2-Trichlorotrifluoroethane
Concen: 147.062 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

Instrument :
MSVOA_U
Client Sample Id :
VSTDIC150

Tgt Ion:101 Resp: 421524
Ion Ratio Lower Upper
101 100
85 43.6 33.9 50.9
151 71.2 64.0 96.0

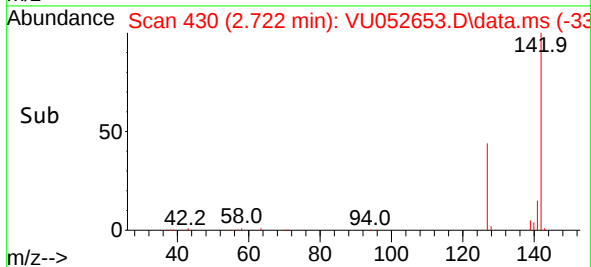
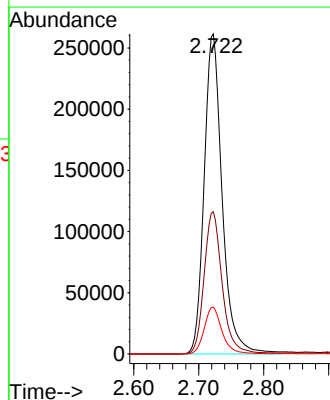
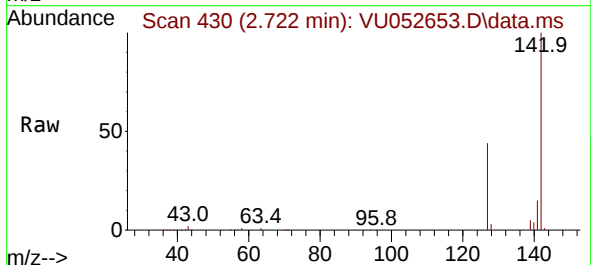
Manual Integrations
APPROVED

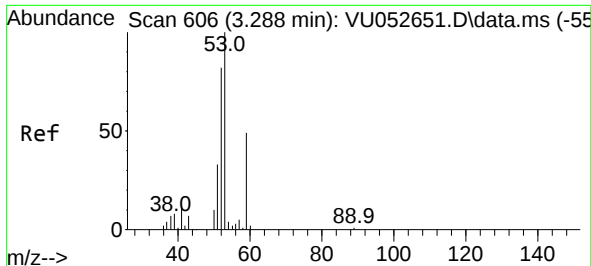
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#10
Methyl Iodide
Concen: 186.609 ug/l
RT: 2.722 min Scan# 430
Delta R.T. 0.003 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

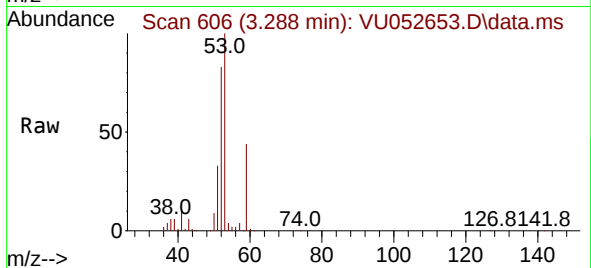
Tgt Ion:142 Resp: 505521
Ion Ratio Lower Upper
142 100
127 44.8 32.5 48.7
141 14.4 11.4 17.0





#11
Tert butyl alcohol
Concen: 557.466 ug/l m
RT: 3.288 min Scan# 606
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

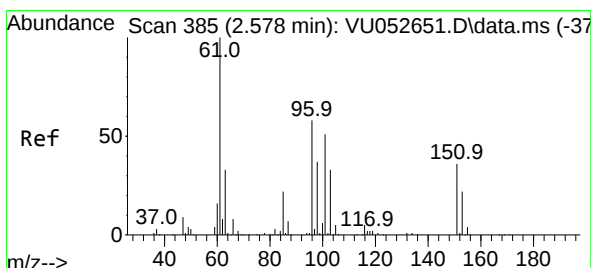
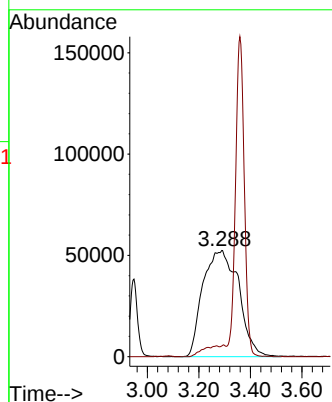
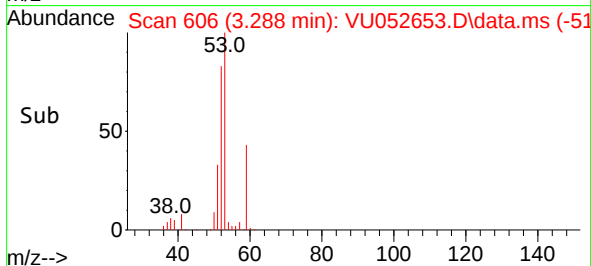
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



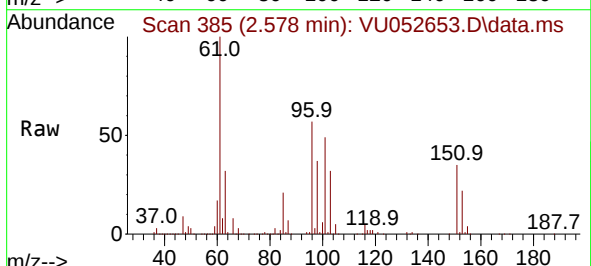
Tgt Ion: 59 Resp: 505800
Ion Ratio Lower Upper
59 100
57 0.0 30.6 45.8

Manual Integrations
APPROVED

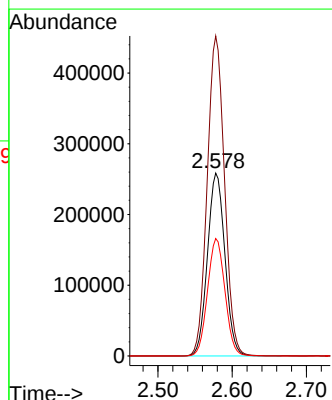
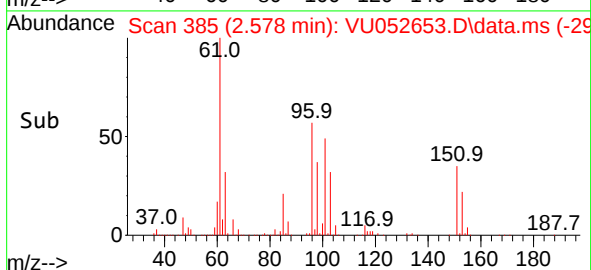
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

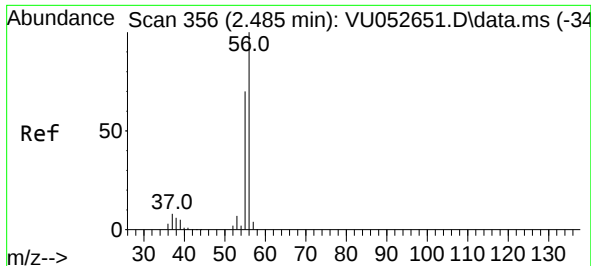


#12
1,1-Dichloroethene
Concen: 149.590 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12



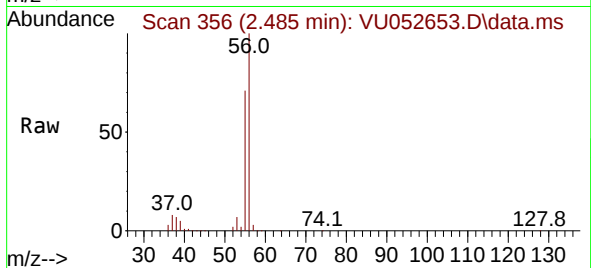
Tgt Ion: 96 Resp: 421961
Ion Ratio Lower Upper
96 100
61 174.9 122.2 183.2
98 64.2 50.7 76.1





#13
Acrolein
Concen: 977.212 ug/l
RT: 2.485 min Scan# 356
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

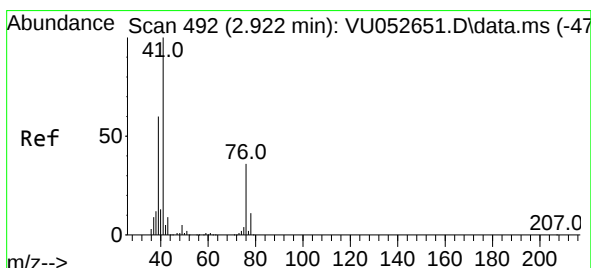
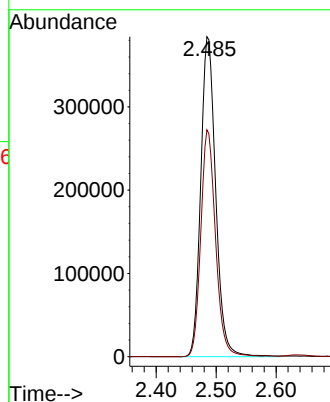
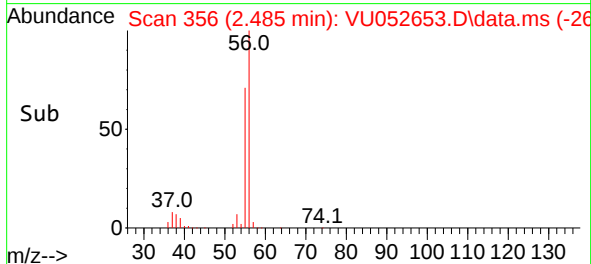
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150



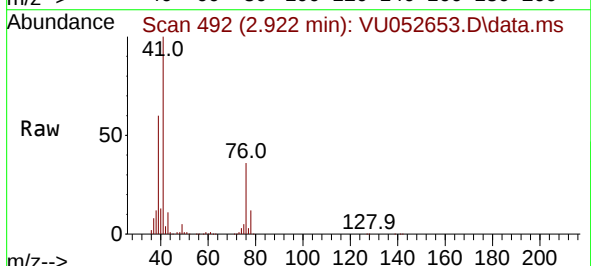
Tgt Ion: 56 Resp: 667679
Ion Ratio Lower Upper
56 100
55 70.0 56.6 85.0

Manual Integrations
APPROVED

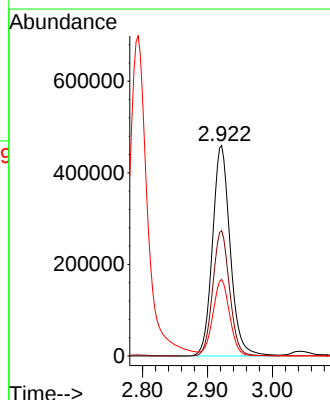
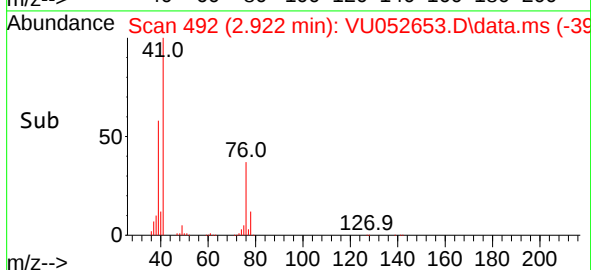
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

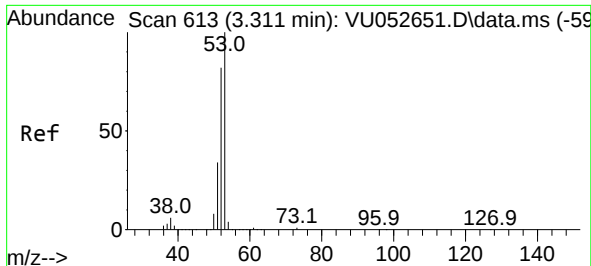


#14
Allyl chloride
Concen: 153.475 ug/l
RT: 2.922 min Scan# 492
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12



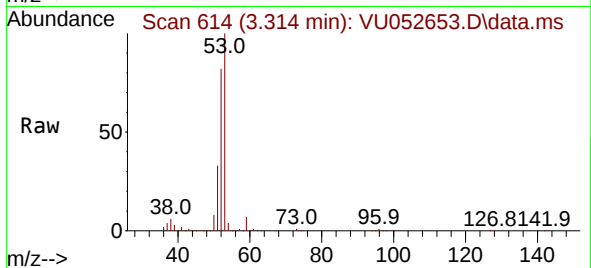
Tgt Ion: 41 Resp: 872523
Ion Ratio Lower Upper
41 100
39 56.2 53.4 80.2
76 34.3 33.8 50.6





#15
Acrylonitrile
Concen: 714.748 ug/l
RT: 3.314 min Scan# 613
Delta R.T. 0.003 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

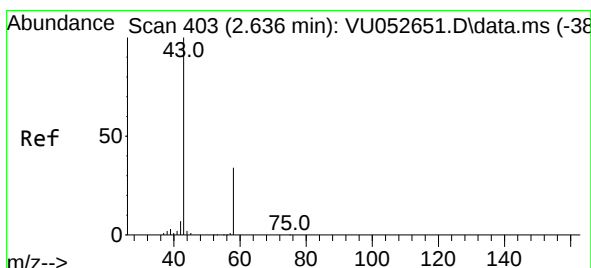
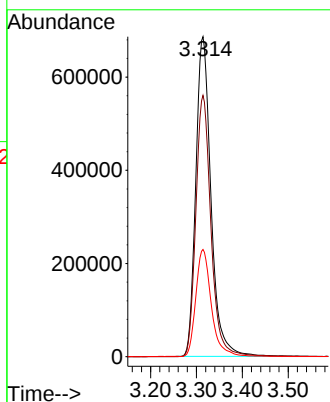
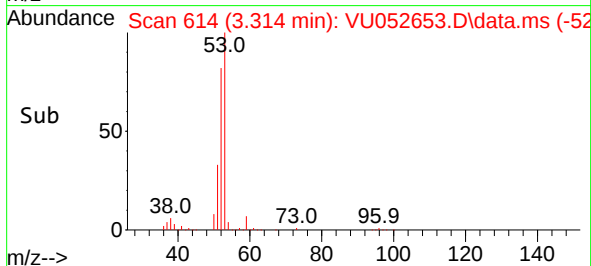
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150



Tgt Ion: 53 Resp: 1581640
Ion Ratio Lower Upper
53 100
52 81.5 65.7 98.5
51 34.2 28.2 42.4

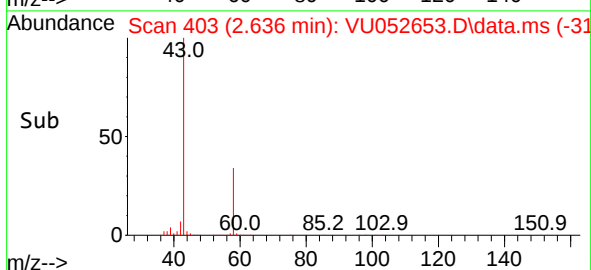
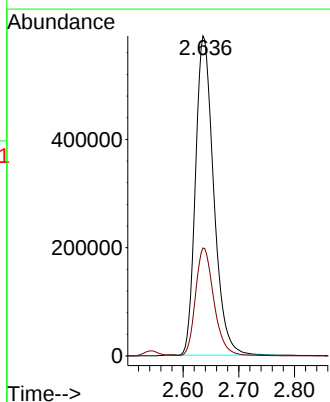
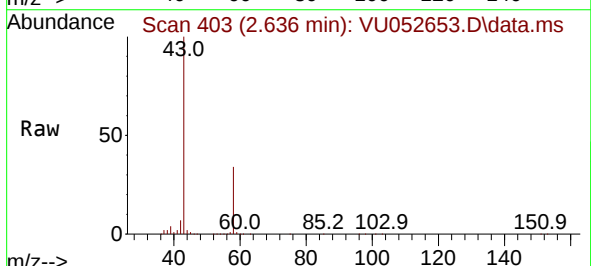
Manual Integrations
APPROVED

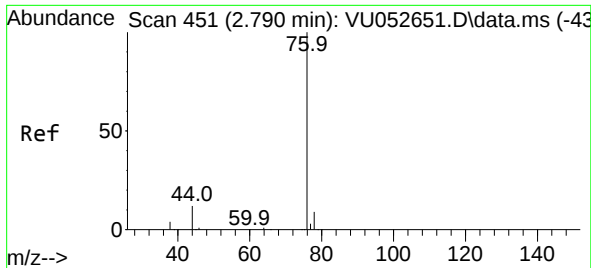
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#16
Acetone
Concen: 656.528 ug/l
RT: 2.636 min Scan# 403
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

Tgt Ion: 43 Resp: 1339721
Ion Ratio Lower Upper
43 100
58 33.7 27.5 41.3





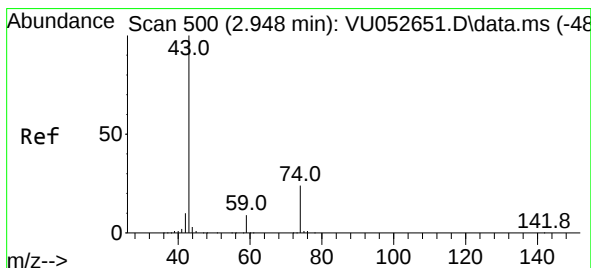
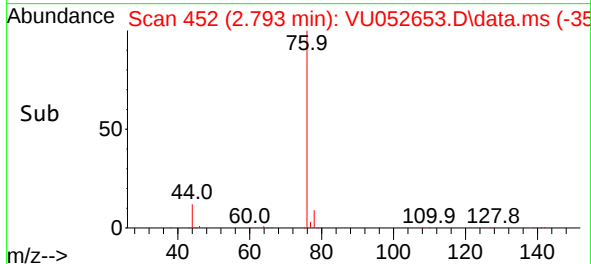
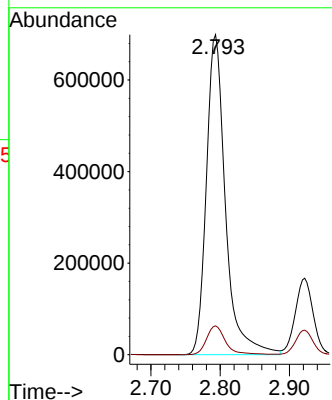
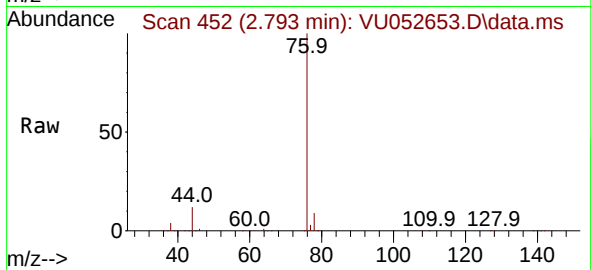
#17
Carbon Disulfide
Concen: 150.615 ug/l
RT: 2.793 min Scan# 451
Delta R.T. 0.003 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 76 Resp: 1335269
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

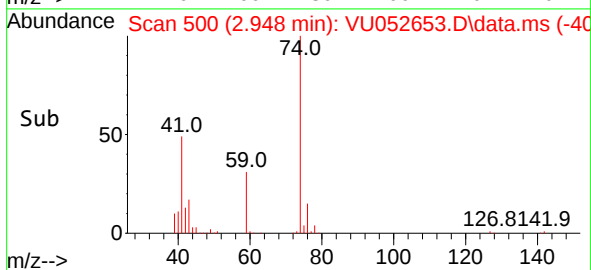
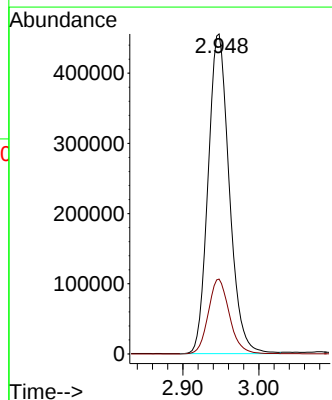
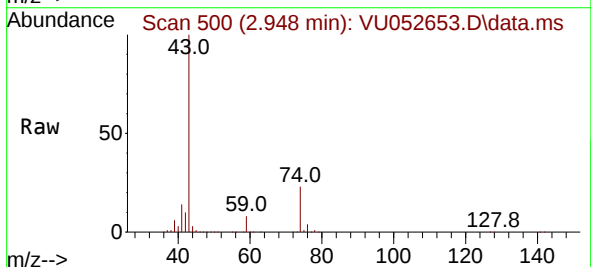
Manual Integrations
APPROVED

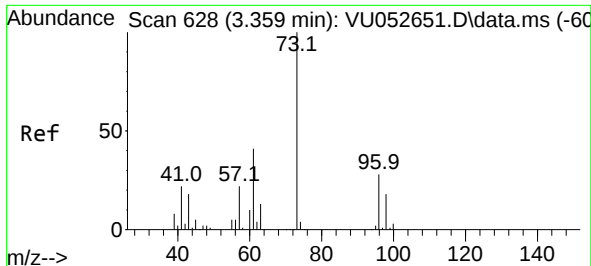
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#18
Methyl Acetate
Concen: 158.867 ug/l
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

Tgt Ion: 43 Resp: 880352
Ion Ratio Lower Upper
43 100
74 23.6 22.5 33.7





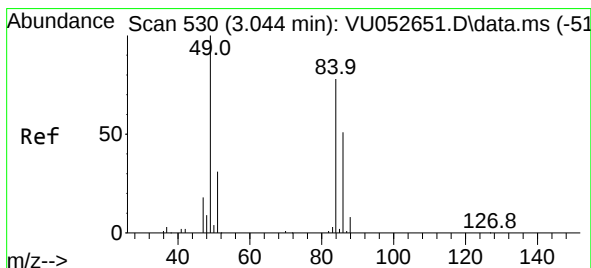
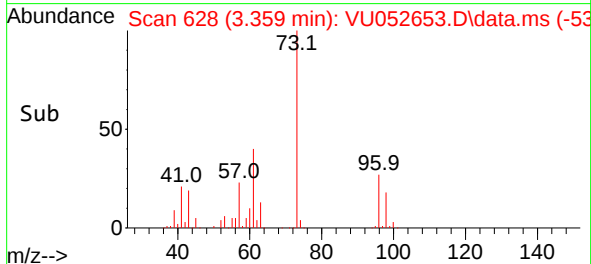
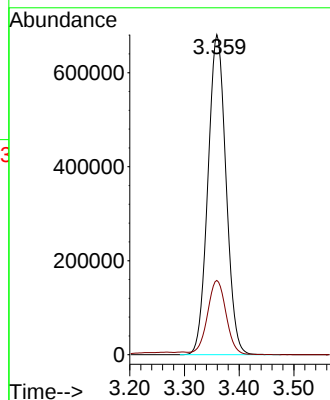
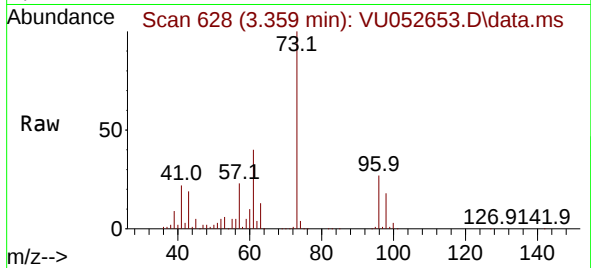
#19
Methyl tert-butyl Ether
Concen: 150.256 ug/l
RT: 3.359 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 73 Resp: 156305
Ion Ratio Lower Upper
73 100
57 23.2 17.1 25.7

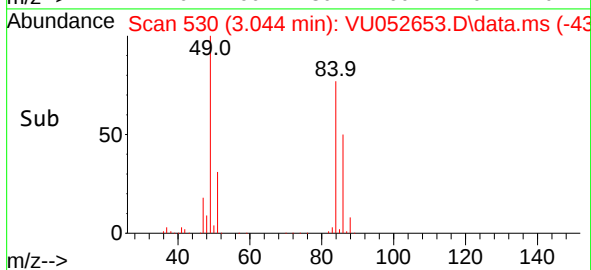
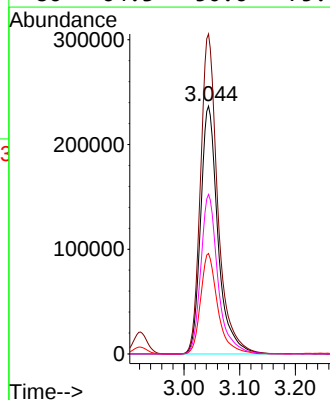
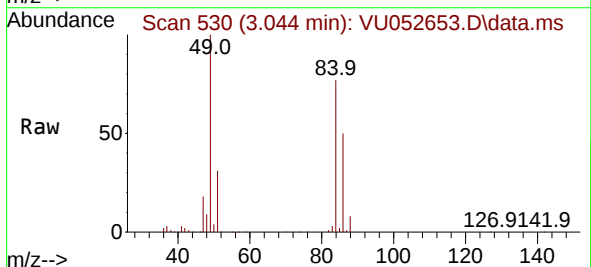
Manual Integrations
APPROVED

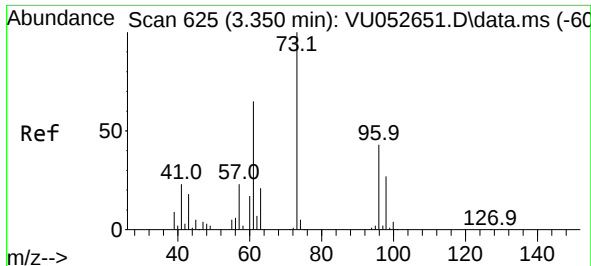
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#20
Methylene Chloride
Concen: 137.442 ug/l
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

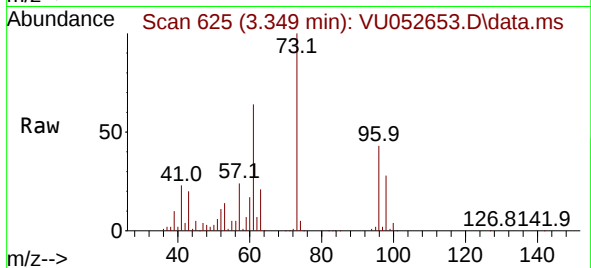
Tgt Ion: 84 Resp: 512005
Ion Ratio Lower Upper
84 100
49 129.1 86.6 129.8
51 40.5 26.6 40.0#
86 64.3 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 154.492 ug/l
RT: 3.349 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

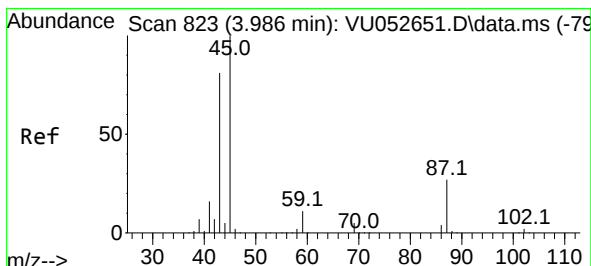
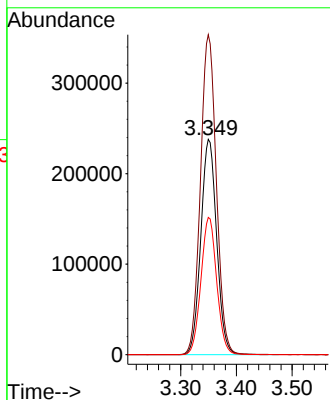
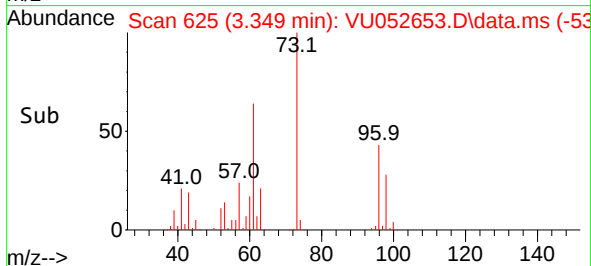
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



Tgt Ion: 96 Resp: 470650
Ion Ratio Lower Upper
96 100
61 148.5 106.1 159.1
98 63.8 50.8 76.2

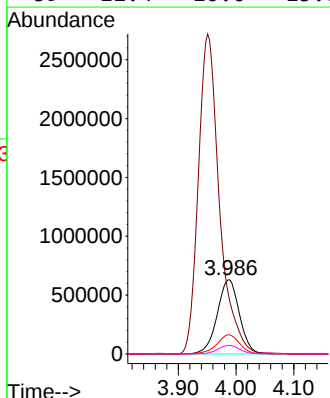
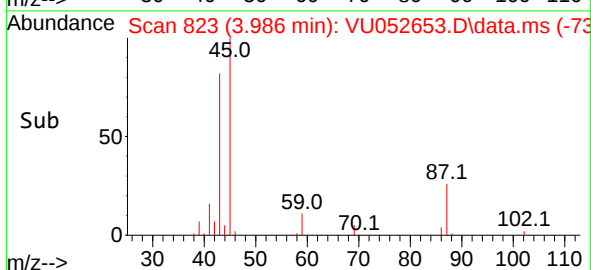
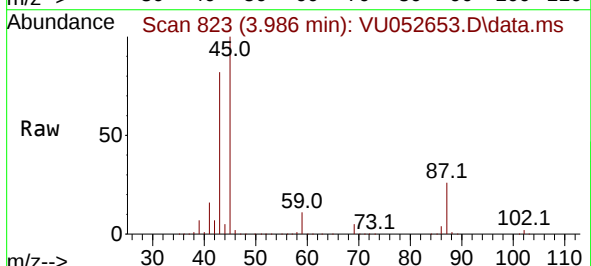
Manual Integrations
APPROVED

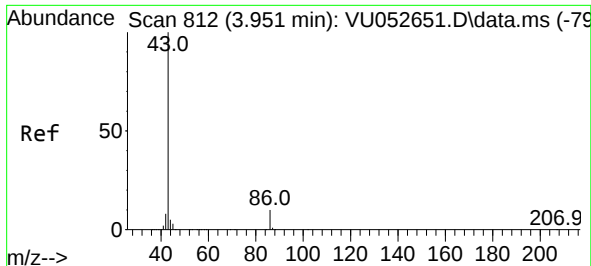
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#22
Diisopropyl ether
Concen: 154.256 ug/l
RT: 3.986 min Scan# 823
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

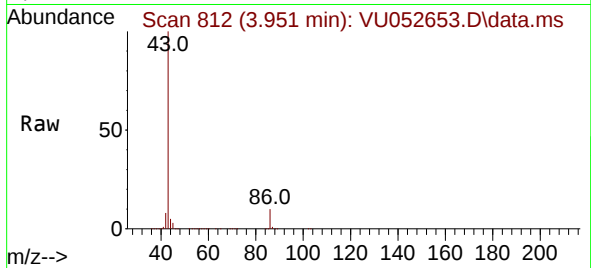
Tgt Ion: 45 Resp: 1679327
Ion Ratio Lower Upper
45 100
43 81.9 92.9 139.3#
87 25.9 26.2 39.2#
59 11.4 10.0 15.0





#23
 Vinyl Acetate
 Concen: 736.410 ug/l
 RT: 3.951 min Scan# 812
 Delta R.T. -0.000 min
 Lab File: VU052653.D
 Acq: 11 Jan 2023 16:12

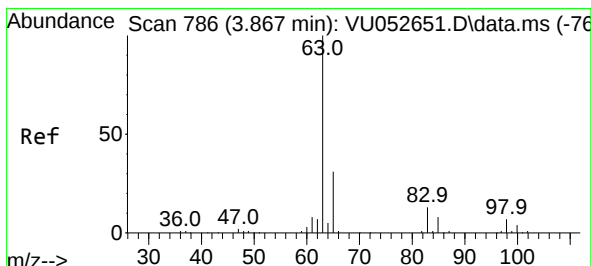
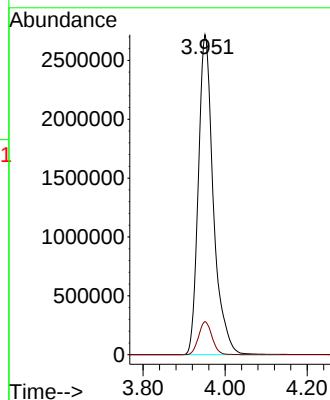
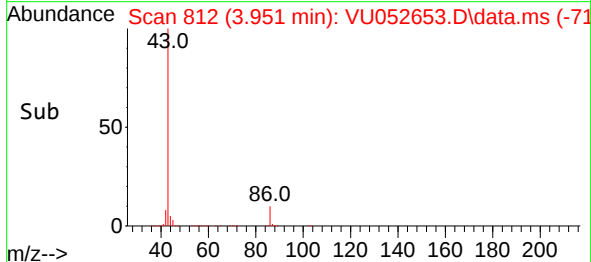
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150



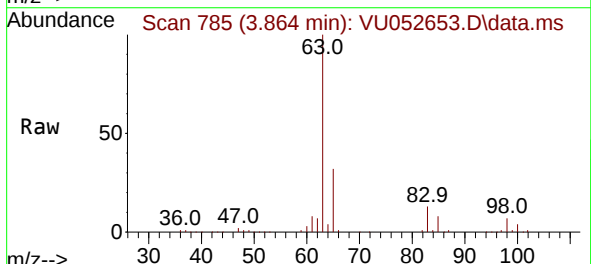
Tgt Ion: 43 Resp: 689366
 Ion Ratio Lower Upper
 43 100
 86 10.4 9.8 14.8

Manual Integrations
 APPROVED

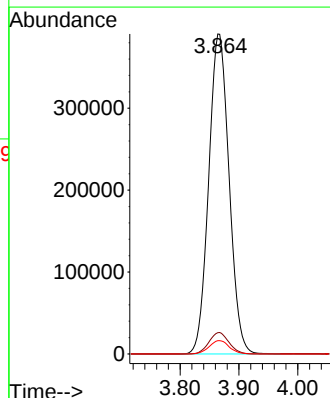
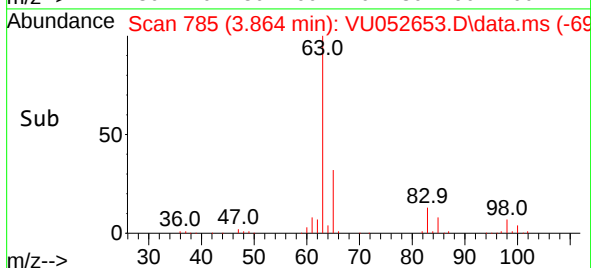
Reviewed By :Krupa Patel 01/13/2023
 Supervised By :Mahesh Dadoda 01/13/2023

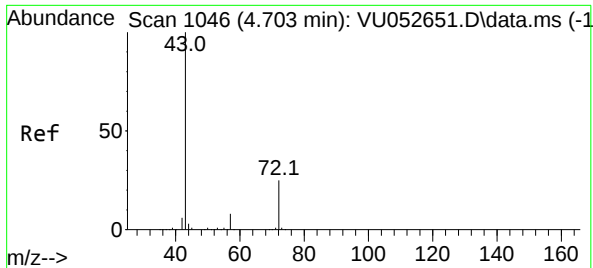


#24
 1,1-Dichloroethane
 Concen: 150.353 ug/l
 RT: 3.864 min Scan# 785
 Delta R.T. -0.003 min
 Lab File: VU052653.D
 Acq: 11 Jan 2023 16:12



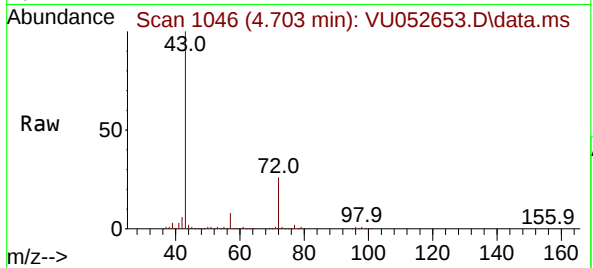
Tgt Ion: 63 Resp: 939654
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.9
 100 4.2 2.4 7.2





#25
2-Butanone
Concen: 700.067 ug/l
RT: 4.703 min Scan# 1046
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

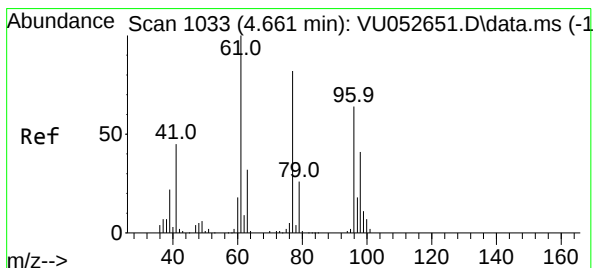
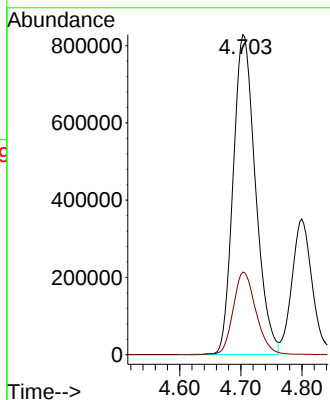
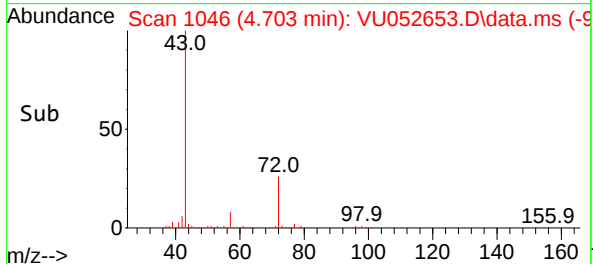
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 2100140
Ion Ratio Lower Upper
43 100
72 25.8 23.8 35.6

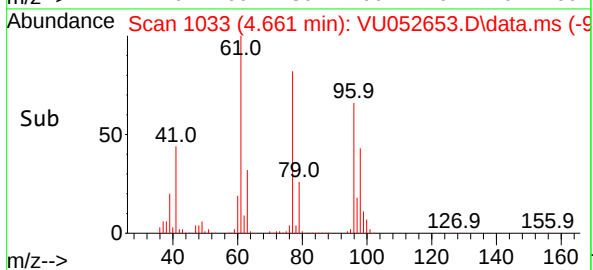
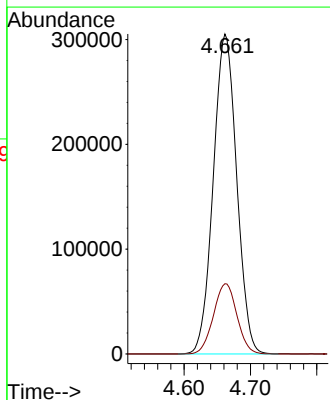
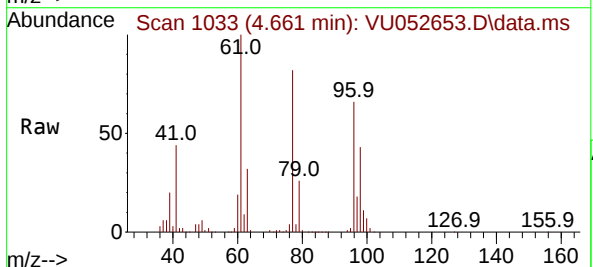
Manual Integrations
APPROVED

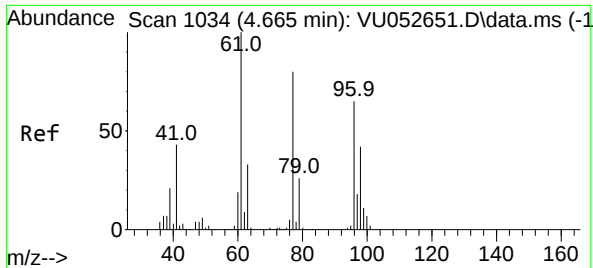
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#26
2,2-Dichloropropane
Concen: 145.830 ug/l
RT: 4.661 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

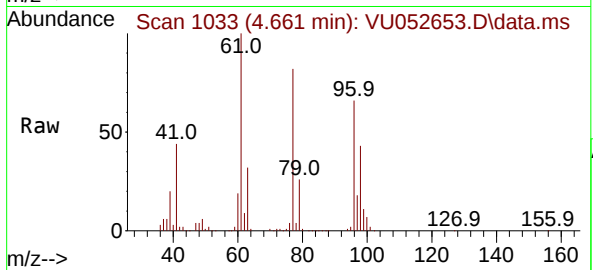
Tgt Ion: 77 Resp: 749388
Ion Ratio Lower Upper
77 100
97 22.0 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 153.764 ug/l
 RT: 4.661 min Scan# 1034
 Delta R.T. -0.003 min
 Lab File: VU052653.D
 Acq: 11 Jan 2023 16:12

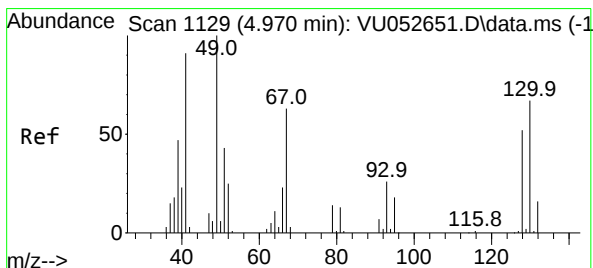
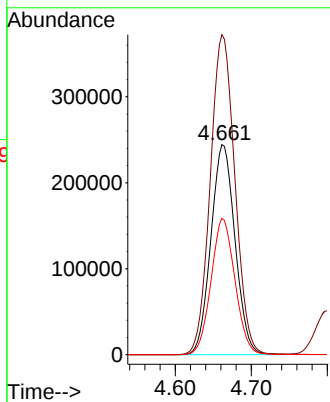
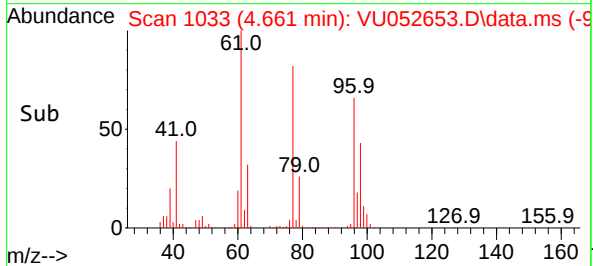
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150



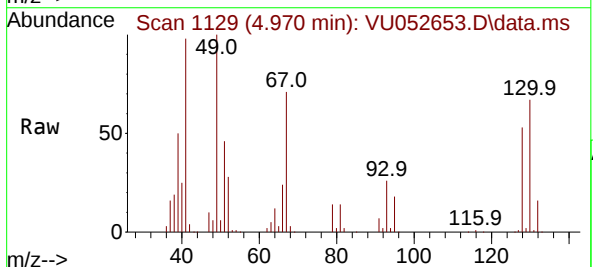
Tgt Ion: 96 Resp: 53864
 Ion Ratio Lower Upper
 96 100
 61 155.3 0.0 271.6
 98 64.3 0.0 128.2

Manual Integrations
 APPROVED

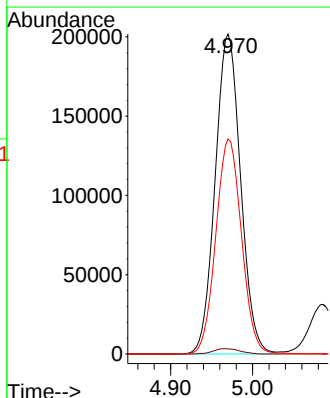
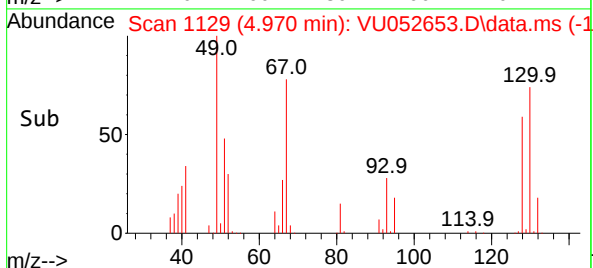
Reviewed By :Krupa Patel 01/13/2023
 Supervised By :Mahesh Dadoda 01/13/2023

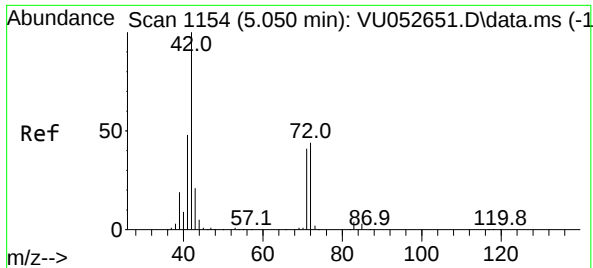


#28
 Bromochloromethane
 Concen: 158.512 ug/l
 RT: 4.970 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VU052653.D
 Acq: 11 Jan 2023 16:12



Tgt Ion: 49 Resp: 435969
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.6
 130 67.7 76.9 115.3#





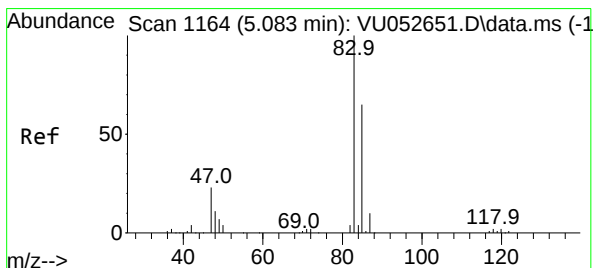
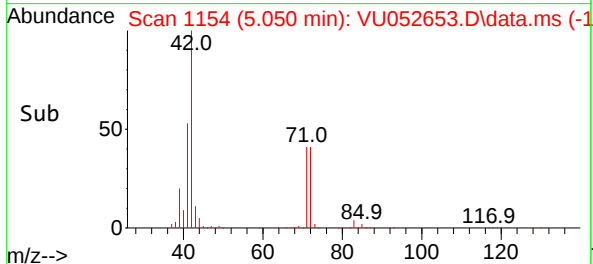
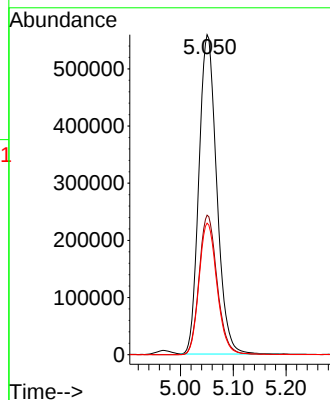
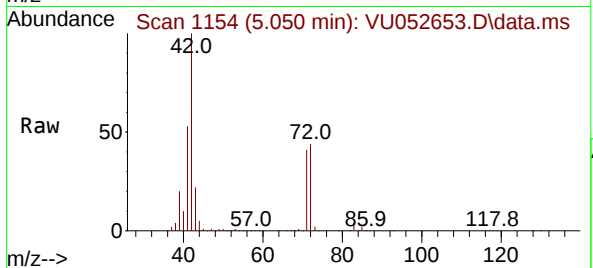
#29
Tetrahydrofuran
Concen: 649.584 ug/l
RT: 5.050 min Scan# 1154
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 42 Resp: 1309648
Ion Ratio Lower Upper
42 100
72 44.4 42.6 63.8
71 41.7 40.3 60.5

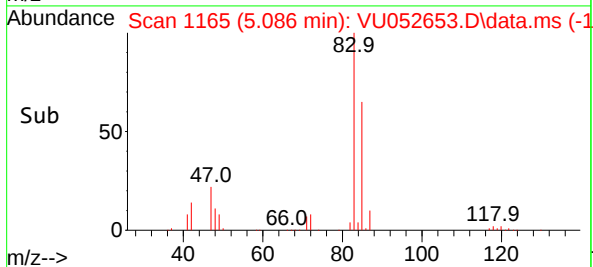
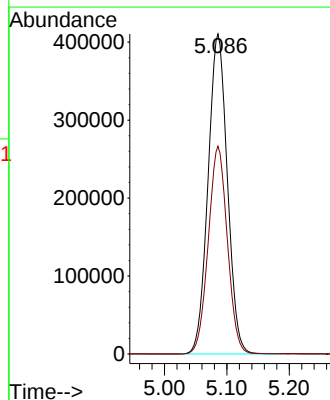
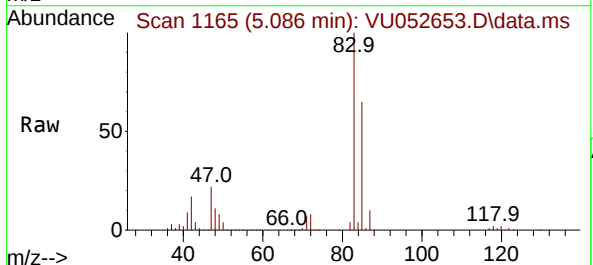
Manual Integrations
APPROVED

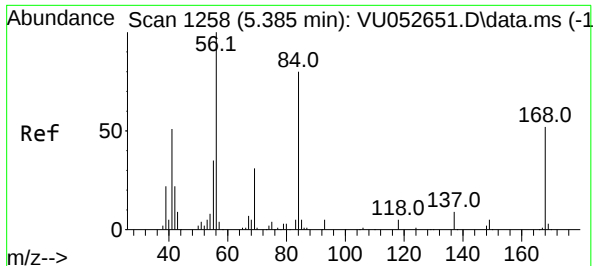
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#30
Chloroform
Concen: 143.377 ug/l
RT: 5.086 min Scan# 1165
Delta R.T. 0.003 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

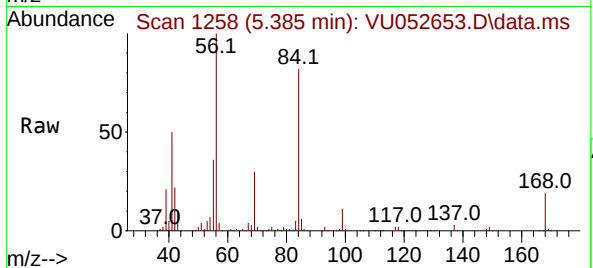
Tgt Ion: 83 Resp: 882339
Ion Ratio Lower Upper
83 100
85 64.9 51.2 76.8





#31
Cyclohexane
Concen: 146.771 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

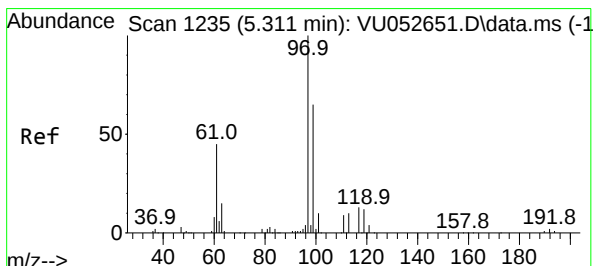
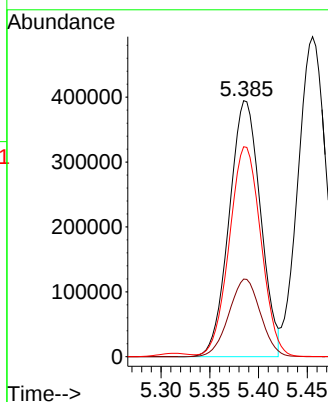
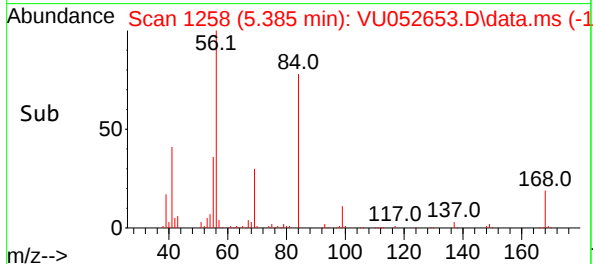
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



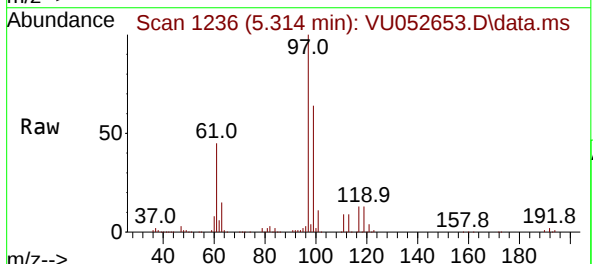
Tgt Ion: 56 Resp: 884418
Ion Ratio Lower Upper
56 100
69 30.3 27.8 41.8
84 80.8 74.2 111.4

Manual Integrations
APPROVED

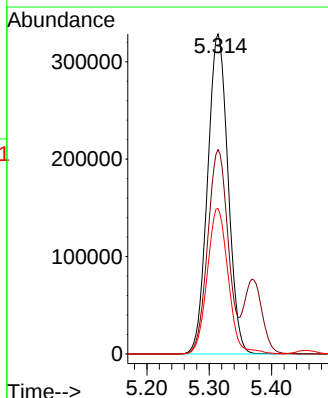
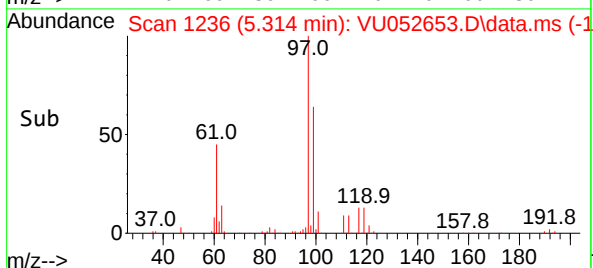
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

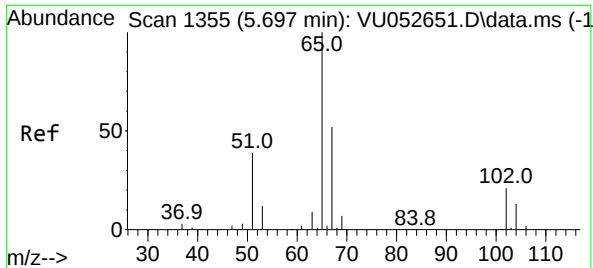


#32
1,1,1-Trichloroethane
Concen: 141.935 ug/l
RT: 5.314 min Scan# 1236
Delta R.T. 0.003 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12



Tgt Ion: 97 Resp: 746753
Ion Ratio Lower Upper
97 100
99 63.8 51.8 77.6
61 46.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 145.404 ug/l

RT: 5.697 min Scan# 1355

Delta R.T. -0.000 min

Lab File: VU052653.D

Acq: 11 Jan 2023 16:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

Tgt Ion: 65 Resp: 57338

Ion Ratio Lower Upper

65 100

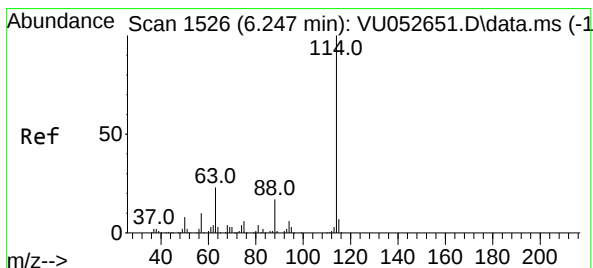
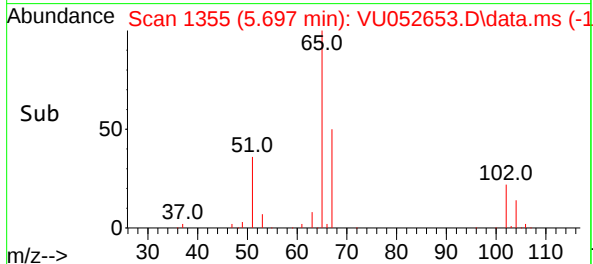
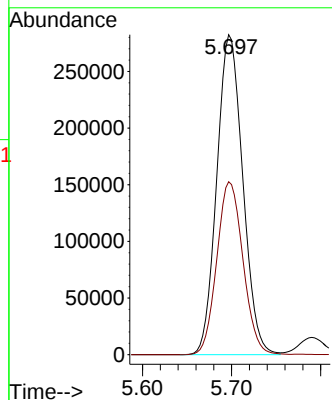
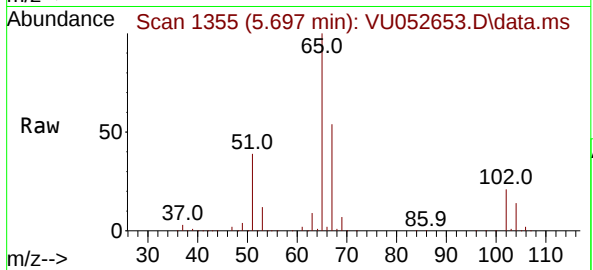
67 54.4 0.0 108.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.246 min Scan# 1526

Delta R.T. -0.000 min

Lab File: VU052653.D

Acq: 11 Jan 2023 16:12

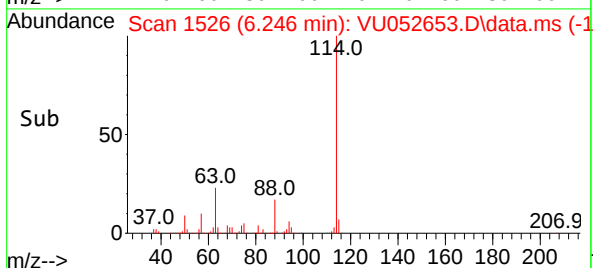
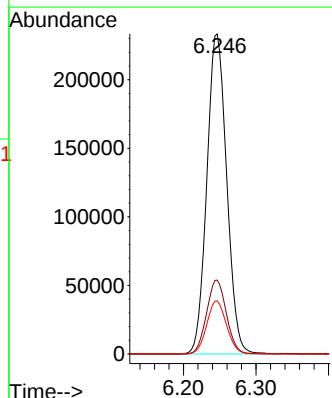
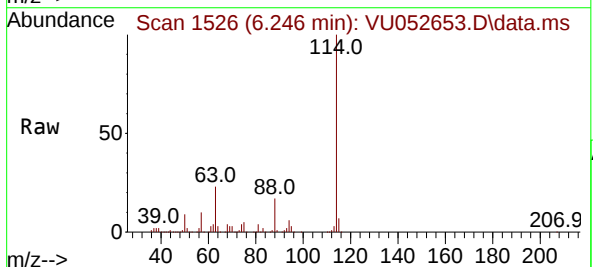
Tgt Ion:114 Resp: 443757

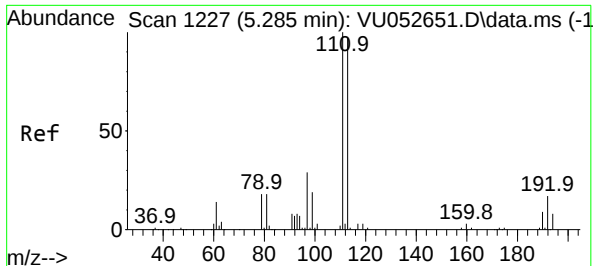
Ion Ratio Lower Upper

114 100

63 23.1 0.0 37.8

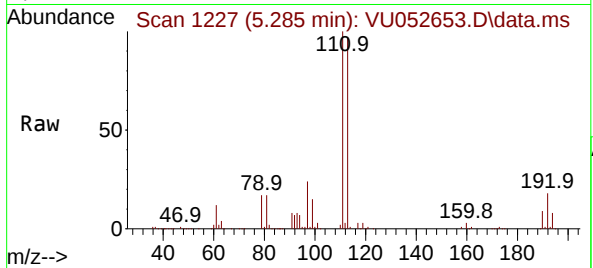
88 16.6 0.0 29.2





#35
Dibromofluoromethane
Concen: 141.649 ug/l
RT: 5.285 min Scan# 1113
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

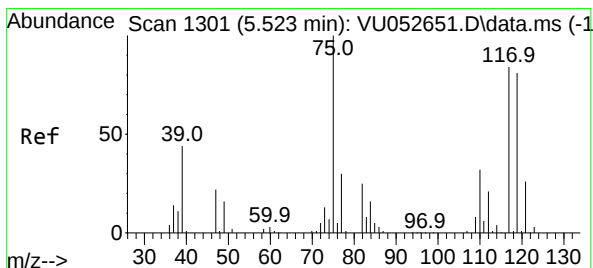
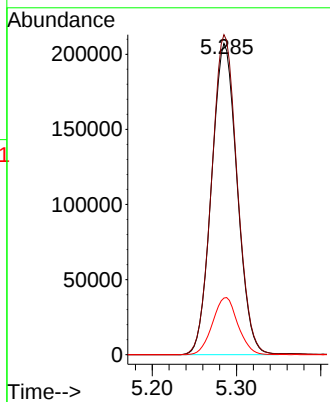
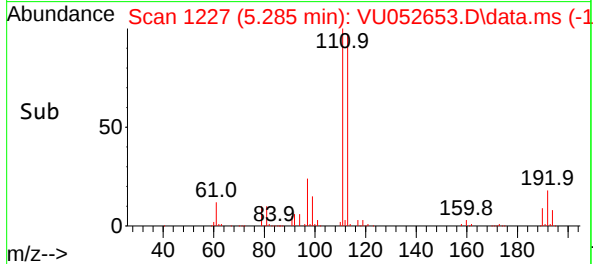
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



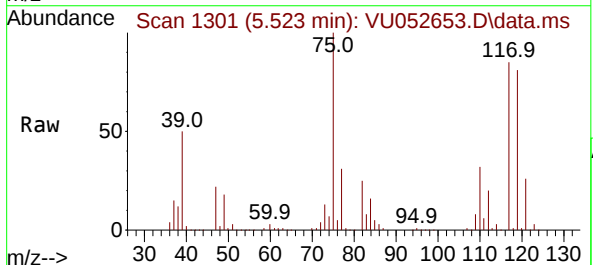
Tgt Ion:113 Resp: 43646
Ion Ratio Lower Upper
113 100
111 103.0 82.1 123.1
192 18.2 18.0 27.0

Manual Integrations
APPROVED

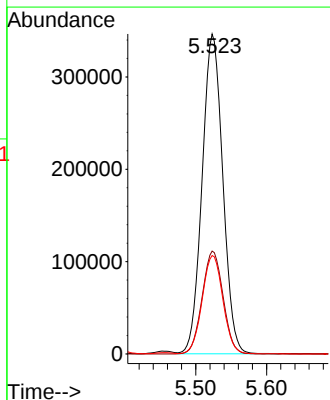
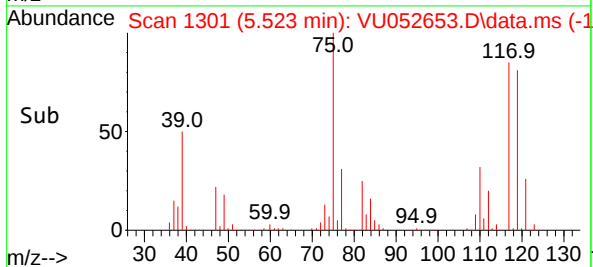
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

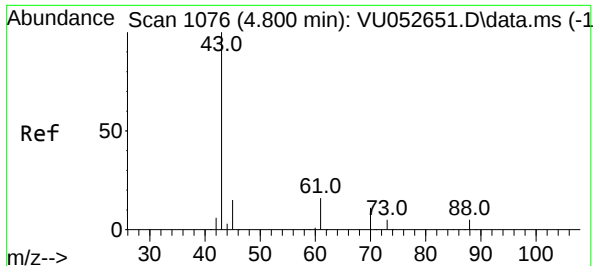


#36
1,1-Dichloropropene
Concen: 153.473 ug/l
RT: 5.523 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12



Tgt Ion: 75 Resp: 700984
Ion Ratio Lower Upper
75 100
110 32.6 18.4 55.2
77 30.9 25.1 37.7





#37

Ethyl Acetate

Concen: 135.196 ug/l

RT: 4.800 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VU052653.D

Acq: 11 Jan 2023 16:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 80650

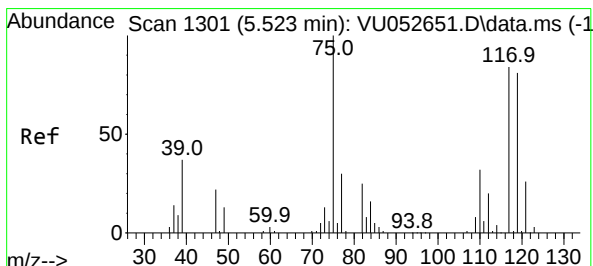
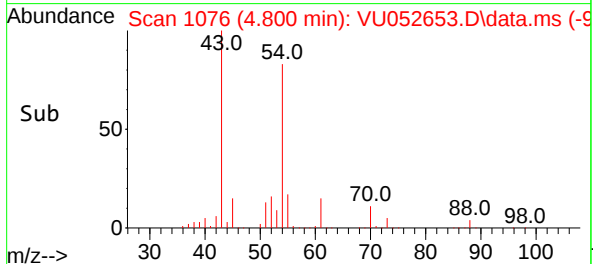
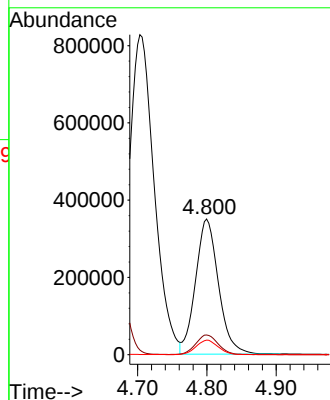
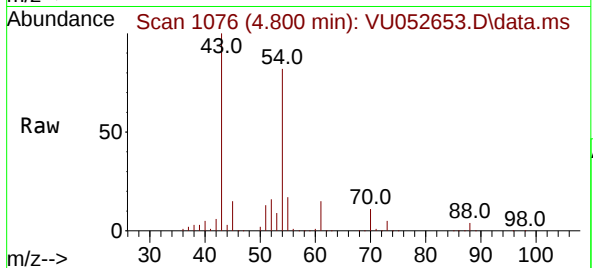
Ion	Ratio	Lower	Upper
43	100		
61	14.2	9.5	14.3
70	10.3	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#38

Carbon Tetrachloride

Concen: 138.237 ug/l

RT: 5.523 min Scan# 1301

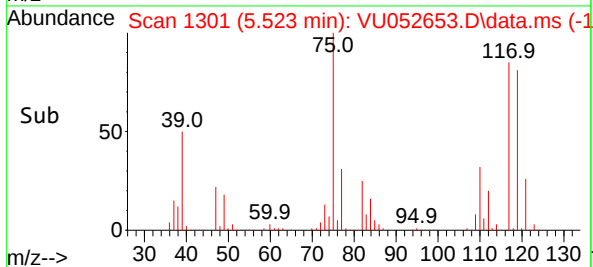
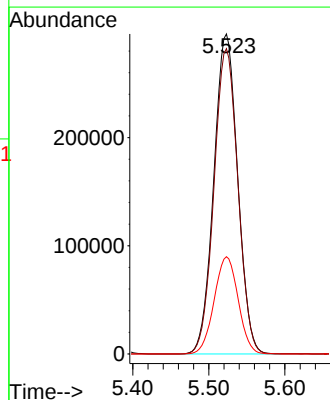
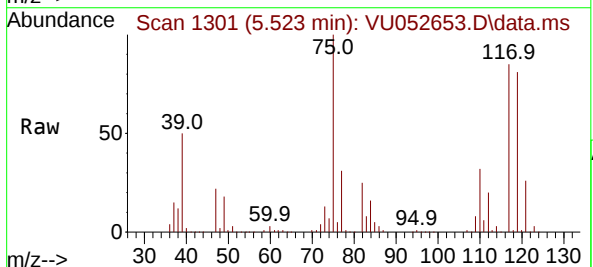
Delta R.T. -0.000 min

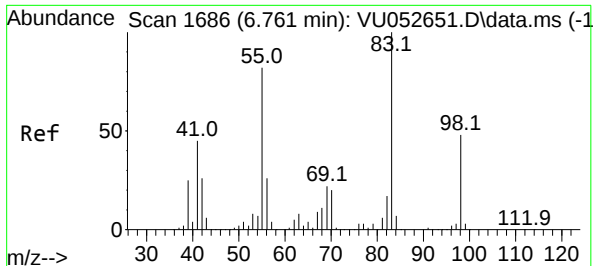
Lab File: VU052653.D

Acq: 11 Jan 2023 16:12

Tgt Ion:117 Resp: 645617

Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.8	115.2
121	30.4	24.7	37.1





#39

Methylcyclohexane

Concen: 160.743 ug/l

RT: 6.761 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052653.D

Acq: 11 Jan 2023 16:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

Tgt Ion: 83 Resp: 872975

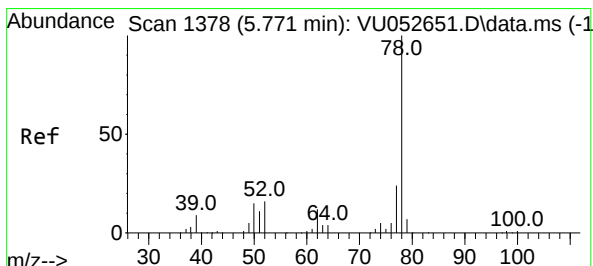
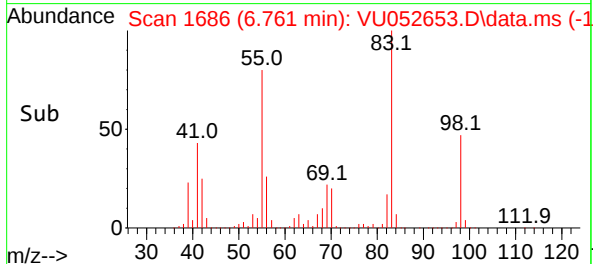
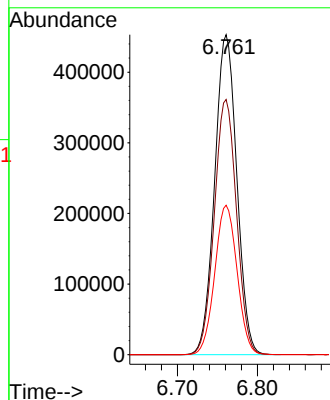
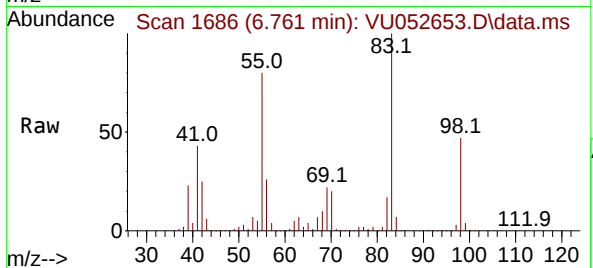
Ion	Ratio	Lower	Upper
83	100		
55	79.7	55.3	82.9
98	46.7	37.3	55.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#40

Benzene

Concen: 149.501 ug/l

RT: 5.771 min Scan# 1378

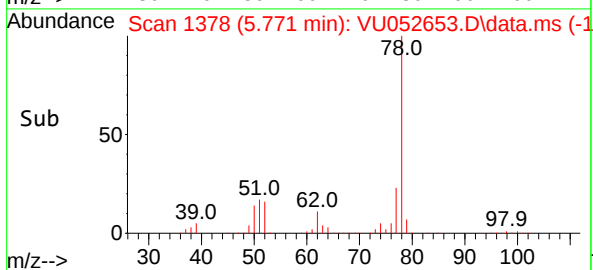
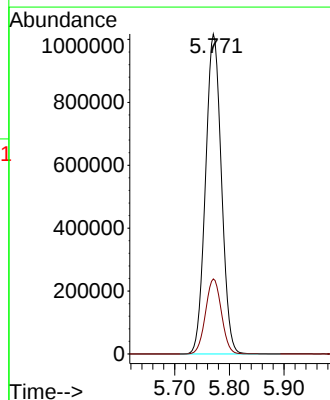
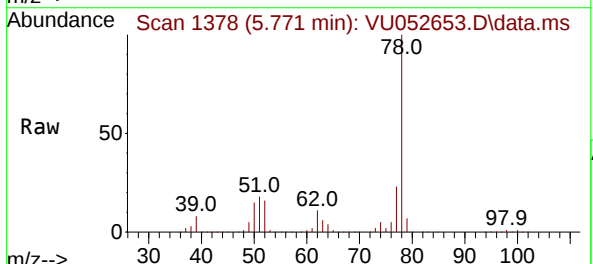
Delta R.T. -0.000 min

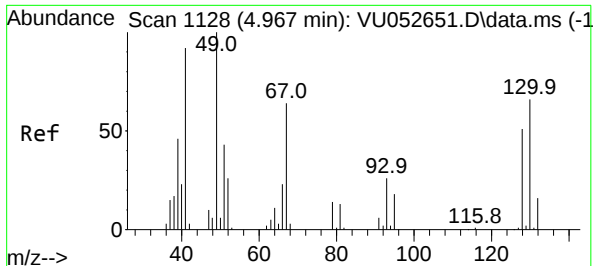
Lab File: VU052653.D

Acq: 11 Jan 2023 16:12

Tgt Ion: 78 Resp: 2050486

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2





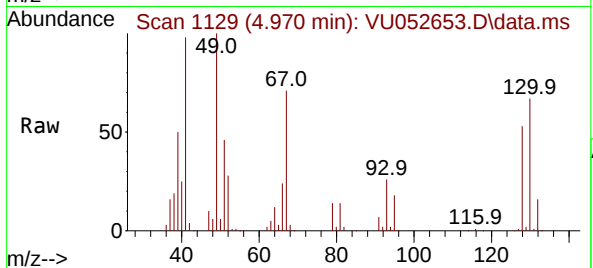
#41
Methacrylonitrile
Concen: 141.540 ug/l
RT: 4.970 min Scan# 1128
Delta R.T. 0.003 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150



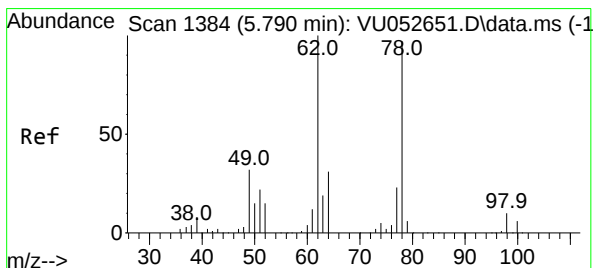
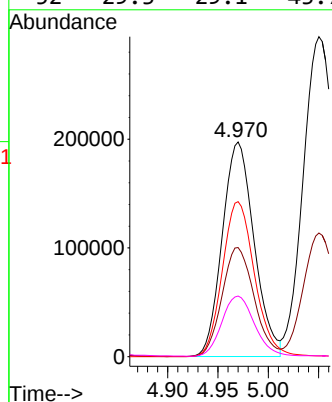
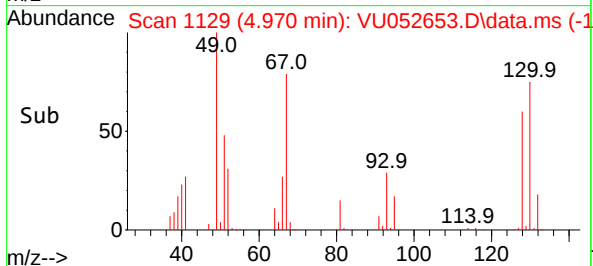
Tgt Ion: 41 Resp: 43518
Ion Ratio Lower Upper
41 100
39 51.1 43.1 64.7
67 73.4 72.3 108.5
52 29.3 29.1 43.7

Manual Integrations

APPROVED

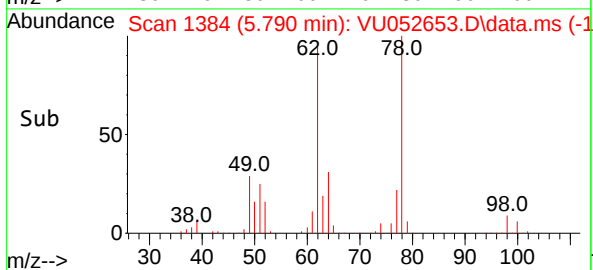
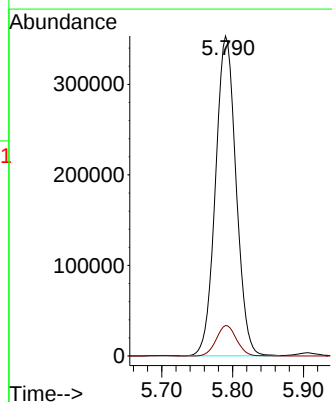
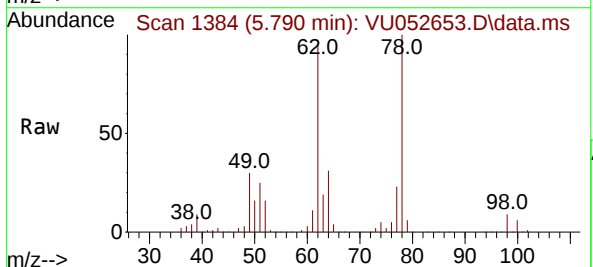
Reviewed By :Krupa Patel 01/13/2023

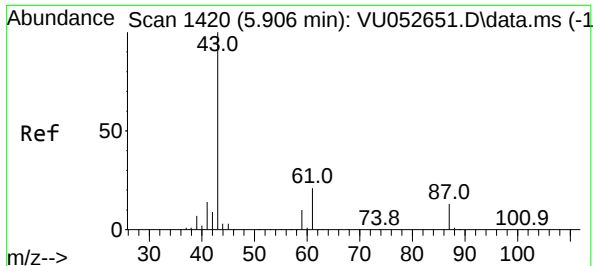
Supervised By :Mahesh Dadoda 01/13/2023



#42
1,2-Dichloroethane
Concen: 140.853 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

Tgt Ion: 62 Resp: 712473
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.6





#43

Isopropyl Acetate

Concen: 141.160 ug/l

RT: 5.906 min Scan# 1420

Delta R.T. -0.000 min

Lab File: VU052653.D

Acq: 11 Jan 2023 16:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 125583

Ion Ratio Lower Upper

43 100

61 21.4 17.4 26.0

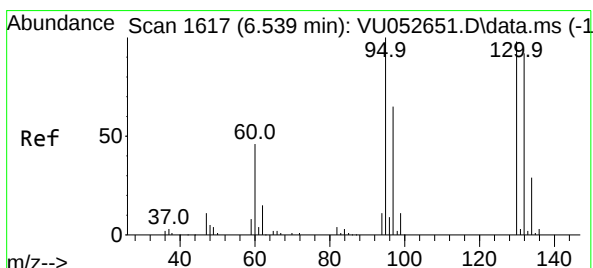
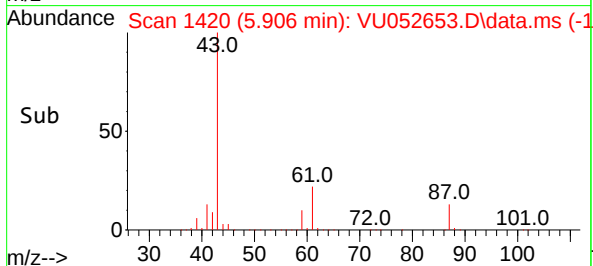
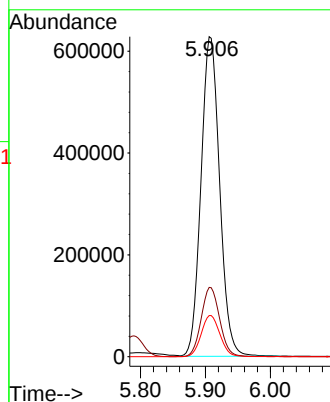
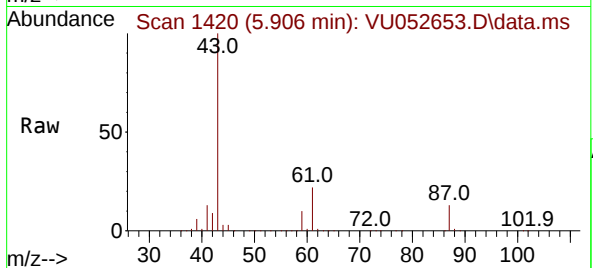
87 12.9 12.6 18.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#44

Trichloroethene

Concen: 148.446 ug/l

RT: 6.539 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VU052653.D

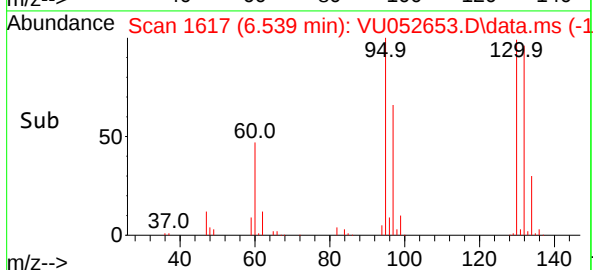
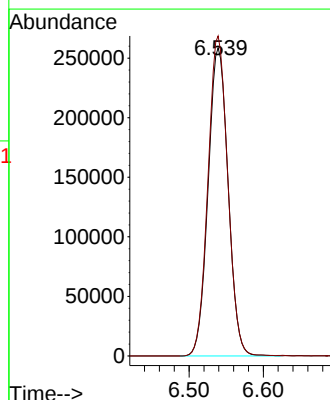
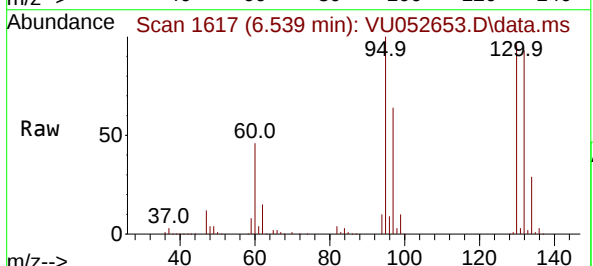
Acq: 11 Jan 2023 16:12

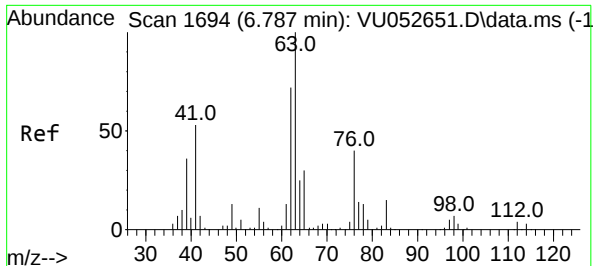
Tgt Ion:130 Resp: 483177

Ion Ratio Lower Upper

130 100

95 103.9 0.0 184.6





#45

1,2-Dichloropropane

Concen: 148.318 ug/l

RT: 6.787 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052653.D

Acq: 11 Jan 2023 16:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 56416

Ion Ratio Lower Upper

63 100

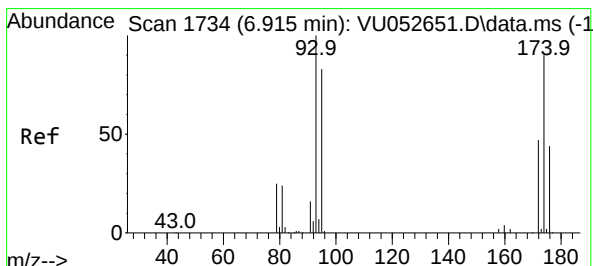
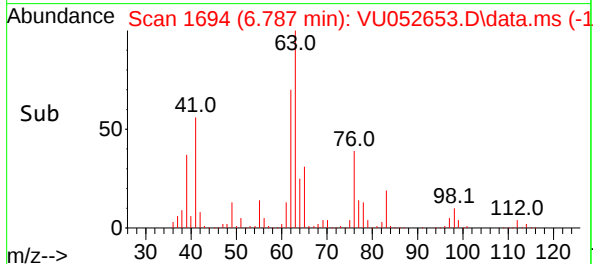
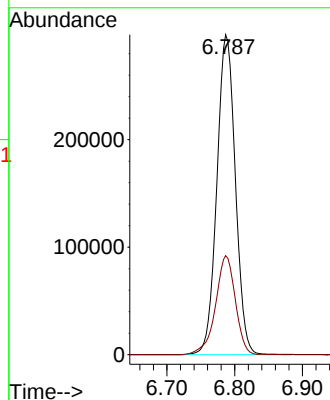
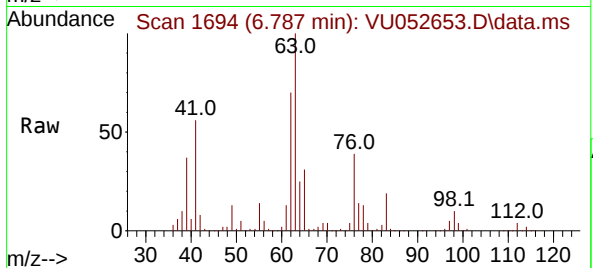
65 31.0 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#46

Dibromomethane

Concen: 141.916 ug/l

RT: 6.915 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VU052653.D

Acq: 11 Jan 2023 16:12

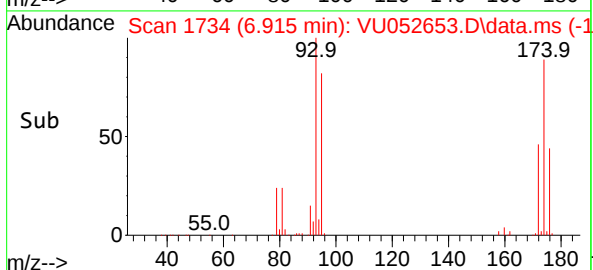
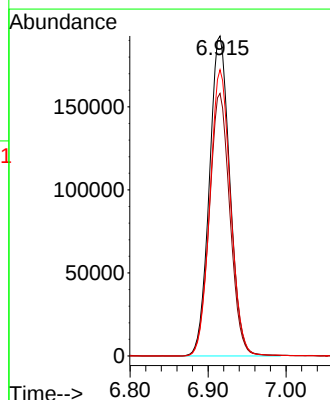
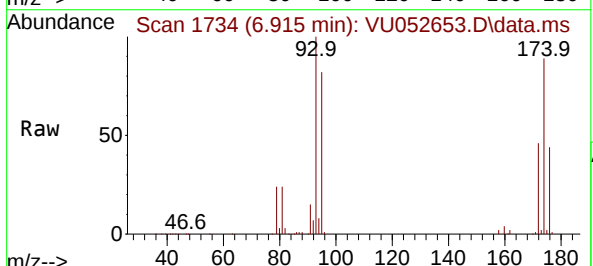
Tgt Ion: 93 Resp: 353856

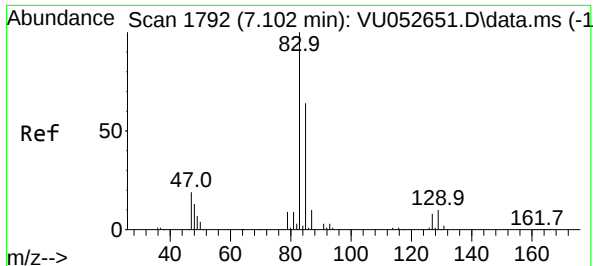
Ion Ratio Lower Upper

93 100

95 82.2 66.3 99.5

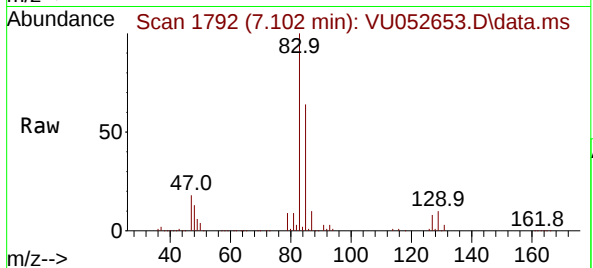
174 89.6 88.2 132.4





#47
Bromodichloromethane
Concen: 148.049 ug/l
RT: 7.102 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

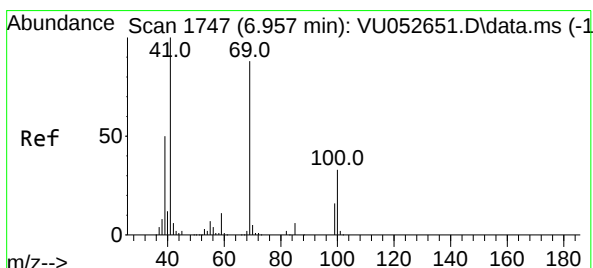
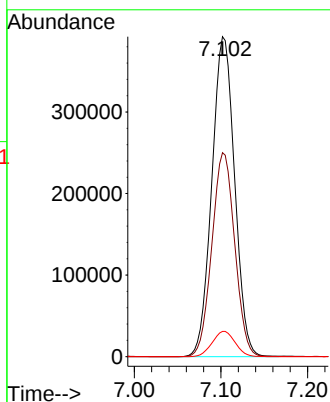
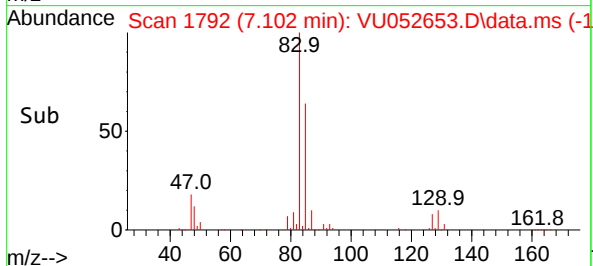
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 718262
Ion Ratio Lower Upper
83 100
85 63.7 51.4 77.2
127 7.9 7.1 10.7

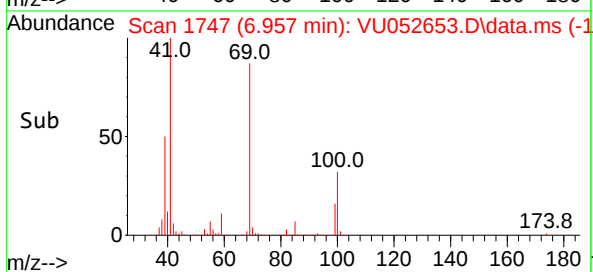
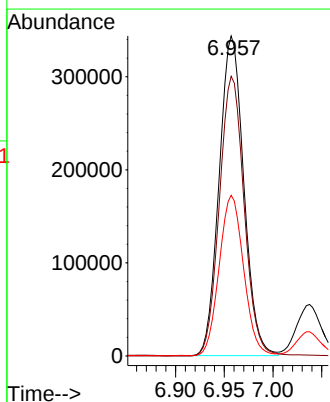
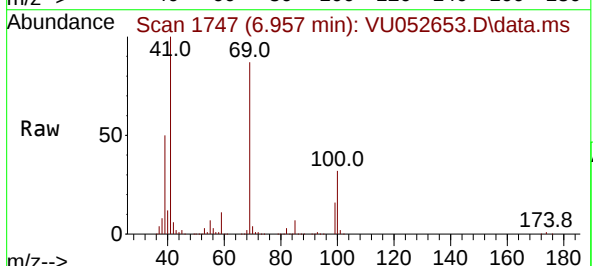
Manual Integrations
APPROVED

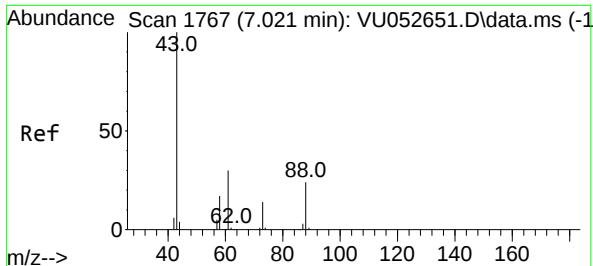
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#48
Methyl methacrylate
Concen: 145.542 ug/l
RT: 6.957 min Scan# 1747
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

Tgt Ion: 41 Resp: 604361
Ion Ratio Lower Upper
41 100
69 88.1 79.8 119.6
39 49.7 47.9 71.9





#49

1,4-Dioxane

Concen: 1445.495 ug/l

RT: 7.021 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052653.D

Acq: 11 Jan 2023 16:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

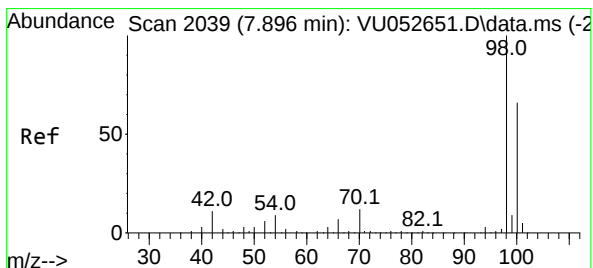
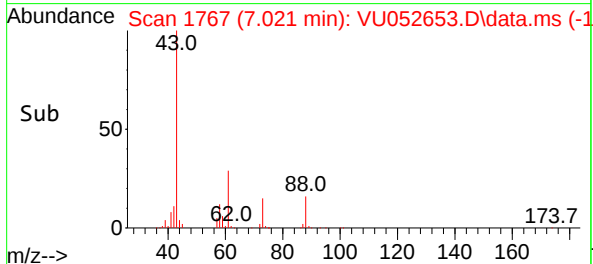
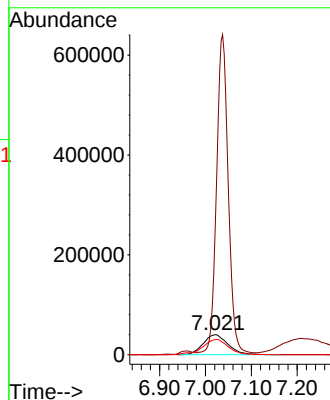
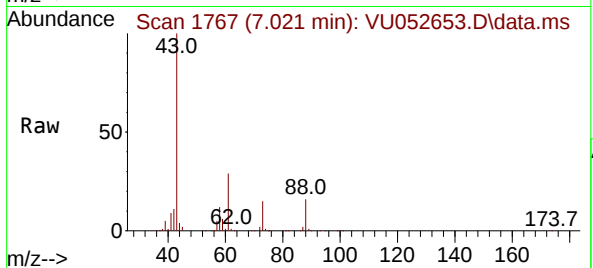
Tgt Ion: 88 Resp: 150329
 Ion Ratio Lower Upper
 88 100
 43 742.8 0.0 0.0
 58 78.4 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#50

Toluene-d8

Concen: 154.222 ug/l

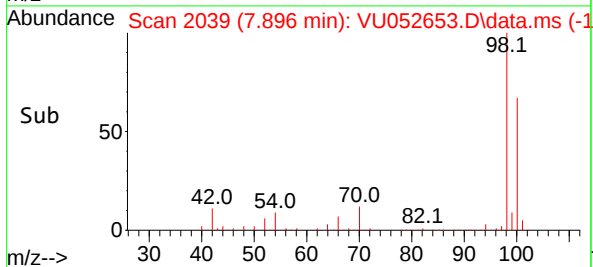
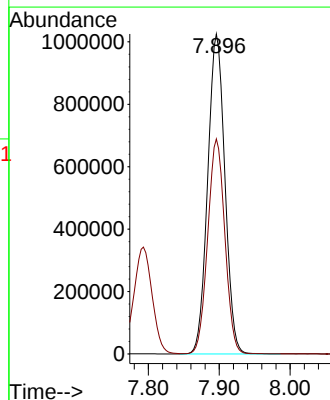
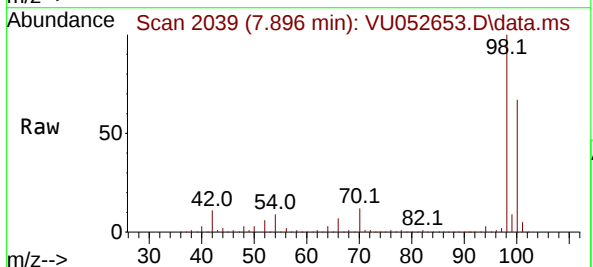
RT: 7.896 min Scan# 2039

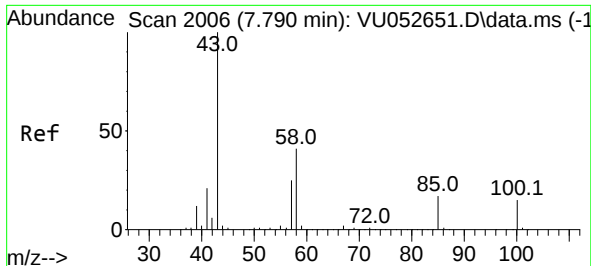
Delta R.T. -0.000 min

Lab File: VU052653.D

Acq: 11 Jan 2023 16:12

Tgt Ion: 98 Resp: 1723883
 Ion Ratio Lower Upper
 98 100
 100 67.0 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 684.150 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU052653.D

Acq: 11 Jan 2023 16:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 4060440

Ion Ratio Lower Upper

43 100

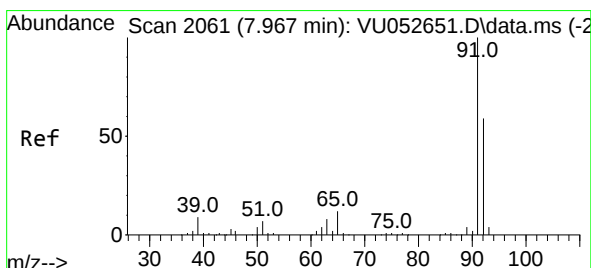
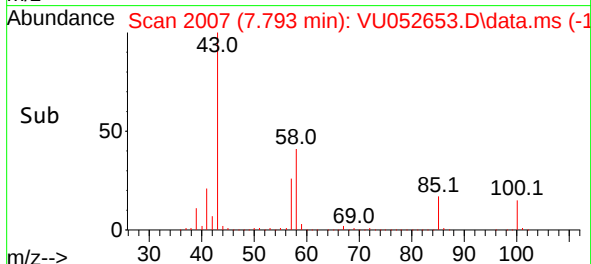
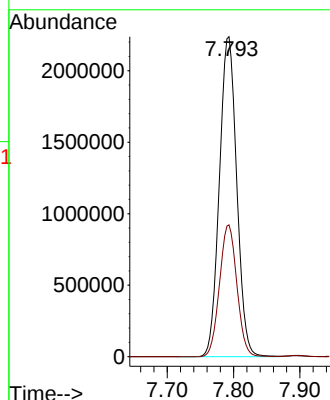
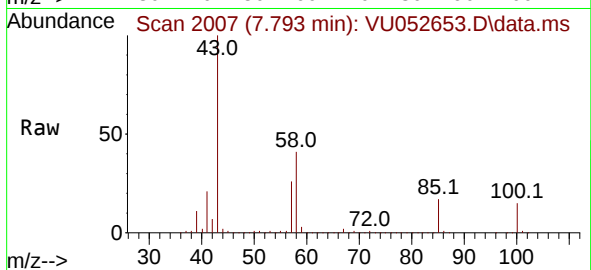
58 41.3 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#52

Toluene

Concen: 154.124 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU052653.D

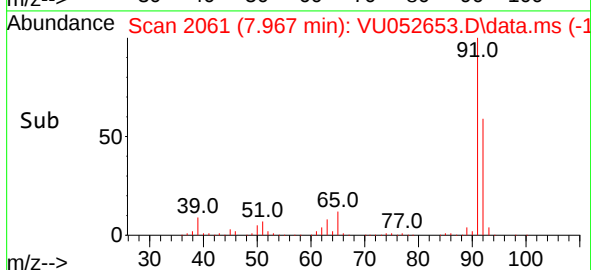
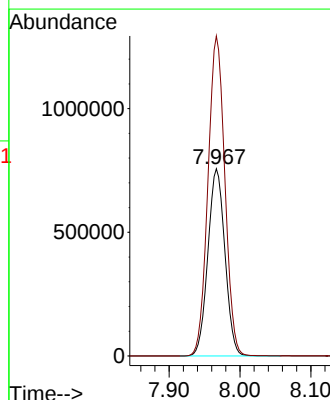
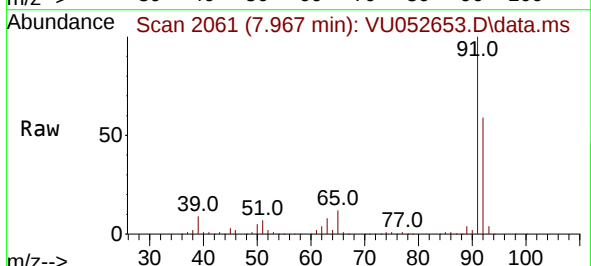
Acq: 11 Jan 2023 16:12

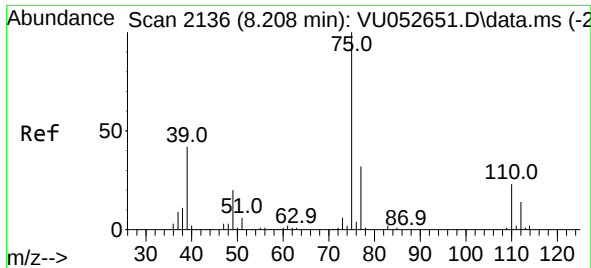
Tgt Ion: 92 Resp: 1263021

Ion Ratio Lower Upper

92 100

91 169.7 138.2 207.4





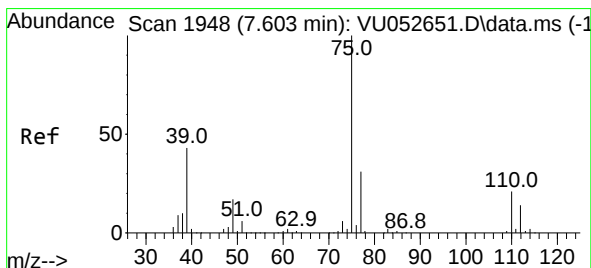
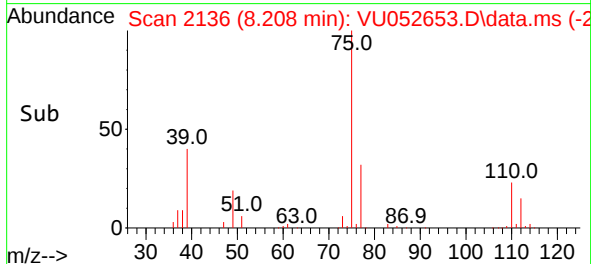
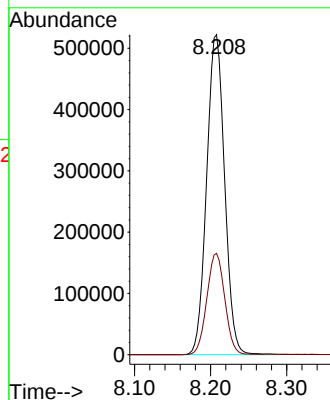
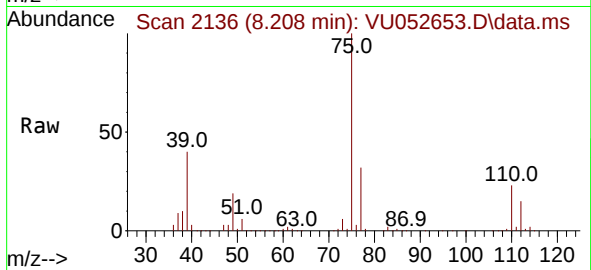
#53
 t-1,3-Dichloropropene
 Concen: 164.277 ug/l
 RT: 8.208 min Scan# 2136
 Delta R.T. -0.000 min
 Lab File: VU052653.D
 Acq: 11 Jan 2023 16:12

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

Tgt Ion: 75 Resp: 856934
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0

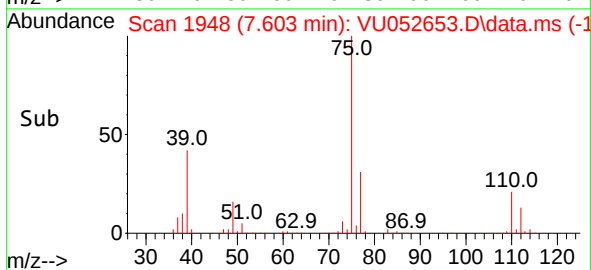
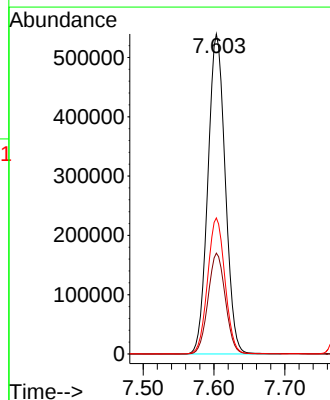
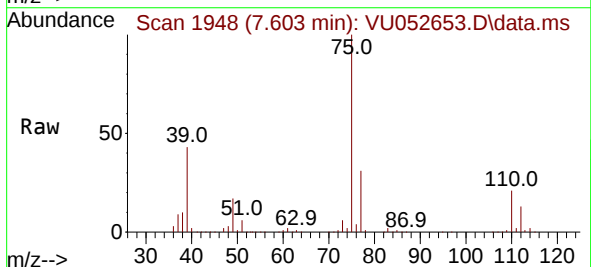
Manual Integrations
 APPROVED

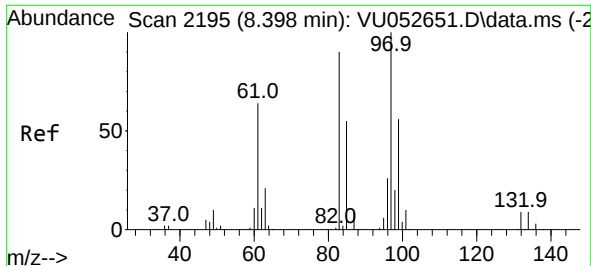
Reviewed By :Krupa Patel 01/13/2023
 Supervised By :Mahesh Dadoda 01/13/2023



#54
 cis-1,3-Dichloropropene
 Concen: 163.944 ug/l
 RT: 7.603 min Scan# 1948
 Delta R.T. -0.000 min
 Lab File: VU052653.D
 Acq: 11 Jan 2023 16:12

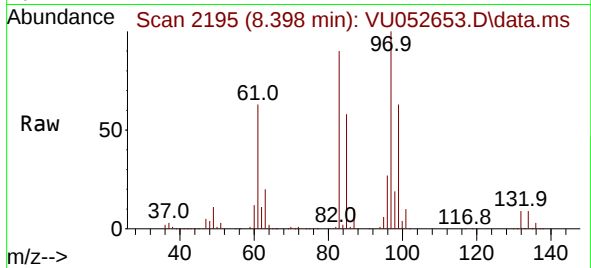
Tgt Ion: 75 Resp: 916631
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.7 38.5
 39 42.5 33.0 49.6





#55
1,1,2-Trichloroethane
Concen: 146.148 ug/l
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

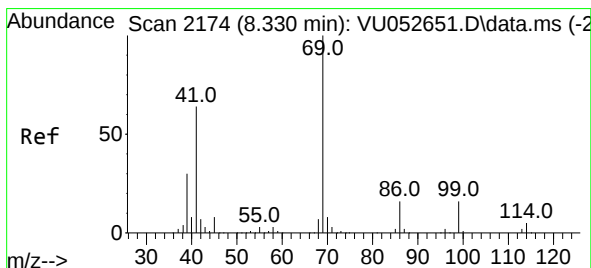
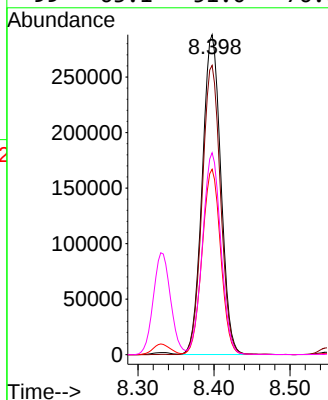
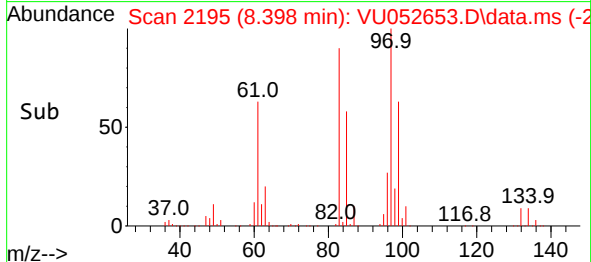
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



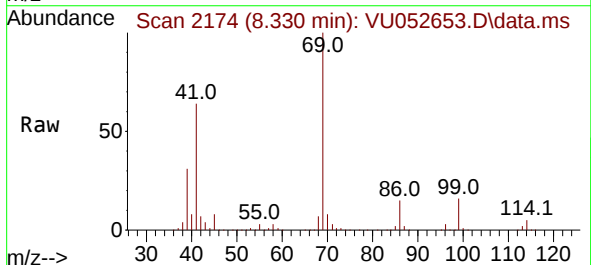
Tgt Ion: 97 Resp: 488252
Ion Ratio Lower Upper
97 100
83 90.4 70.2 105.4
85 57.9 44.6 66.8
99 63.1 51.0 76.6

Manual Integrations
APPROVED

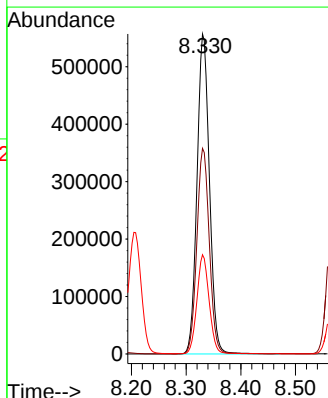
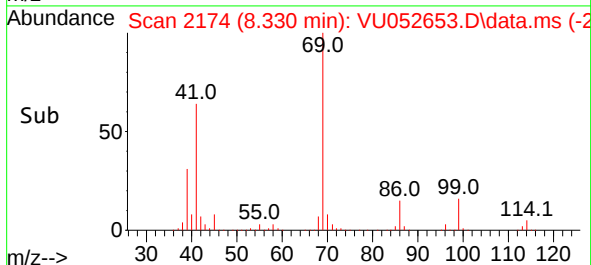
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

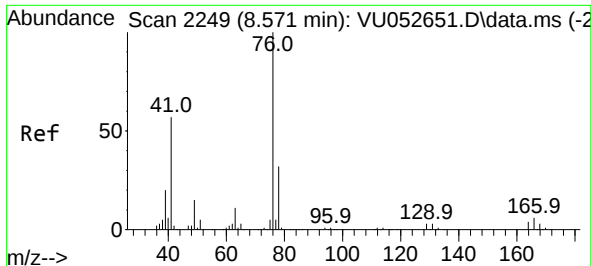


#56
Ethyl methacrylate
Concen: 158.748 ug/l
RT: 8.330 min Scan# 2174
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12



Tgt Ion: 69 Resp: 877132
Ion Ratio Lower Upper
69 100
41 64.6 45.4 68.0
39 30.5 25.7 38.5





#57

1,3-Dichloropropane

Concen: 152.635 ug/l

RT: 8.571 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU052653.D

Acq: 11 Jan 2023 16:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 913049

Ion Ratio Lower Upper

76 100

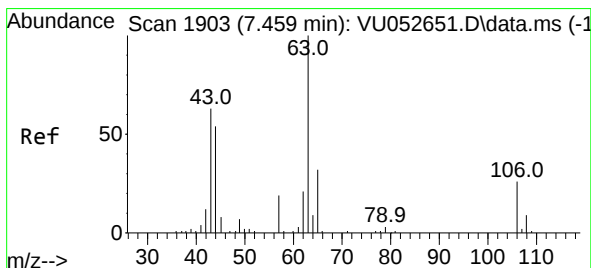
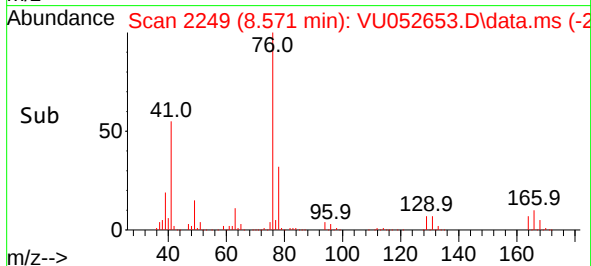
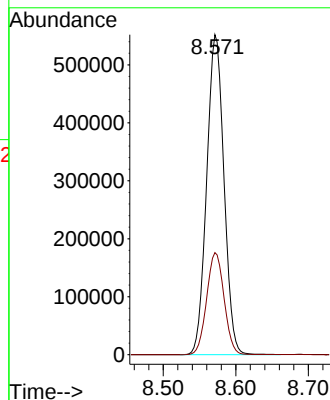
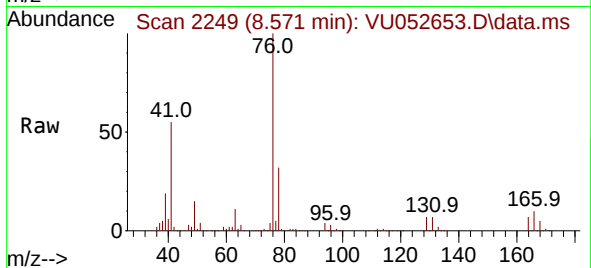
78 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 686.438 ug/l

RT: 7.459 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VU052653.D

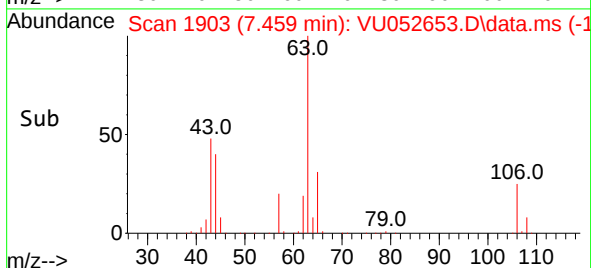
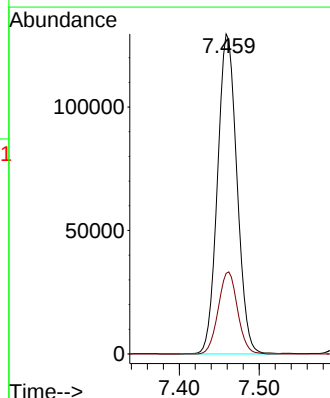
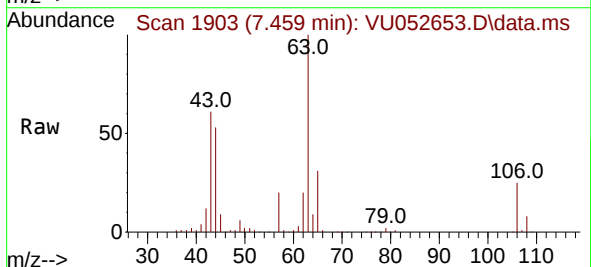
Acq: 11 Jan 2023 16:12

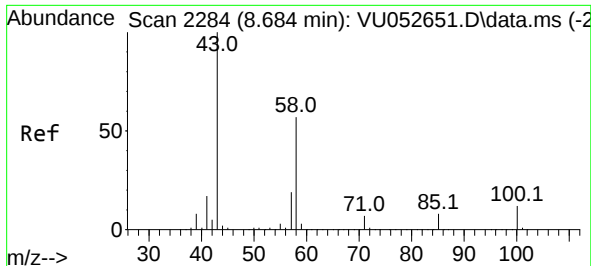
Tgt Ion: 63 Resp: 218287

Ion Ratio Lower Upper

63 100

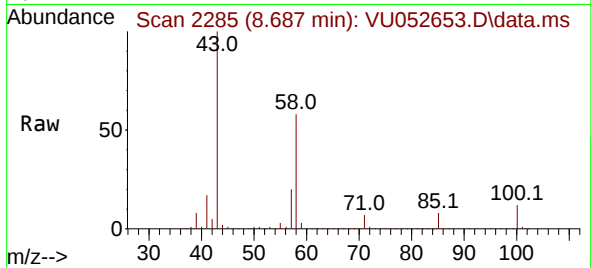
106 25.5 23.1 34.7





#59
2-Hexanone
Concen: 668.991 ug/l
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

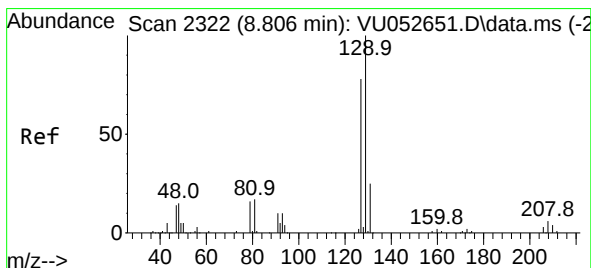
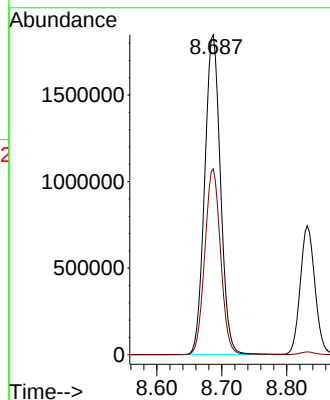
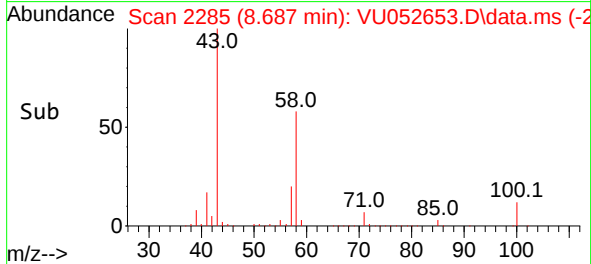
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 312855
Ion Ratio Lower Upper
43 100
58 58.2 30.3 90.8

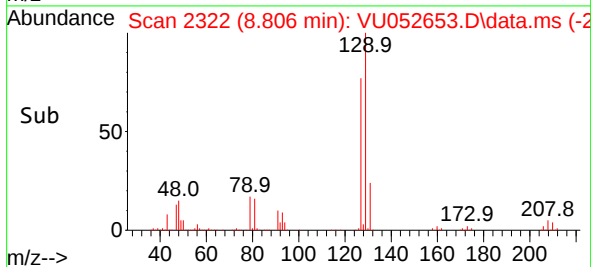
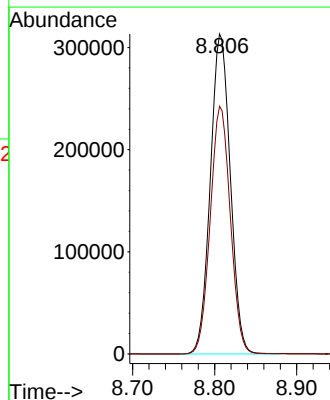
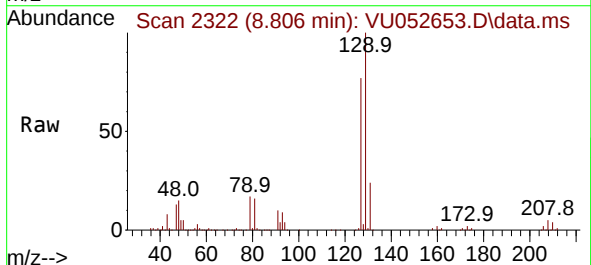
Manual Integrations
APPROVED

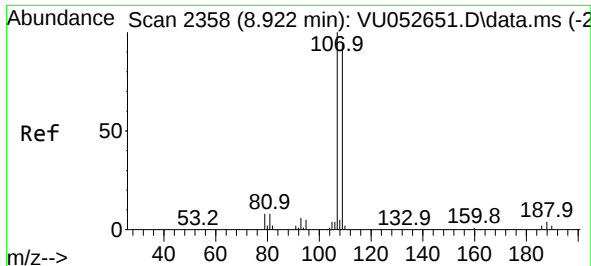
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#60
Dibromochloromethane
Concen: 153.639 ug/l
RT: 8.806 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

Tgt Ion:129 Resp: 531527
Ion Ratio Lower Upper
129 100
127 77.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 144.248 ug/l
RT: 8.922 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

Instrument :

MSVOA_U

ClientSampleId :

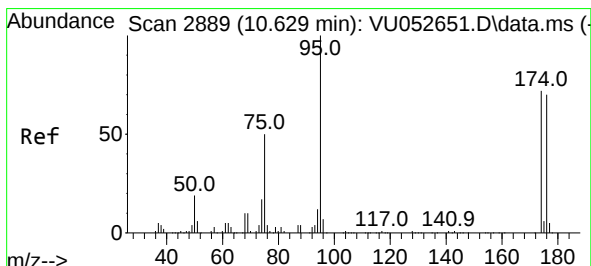
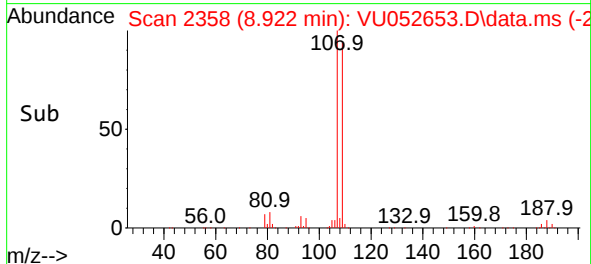
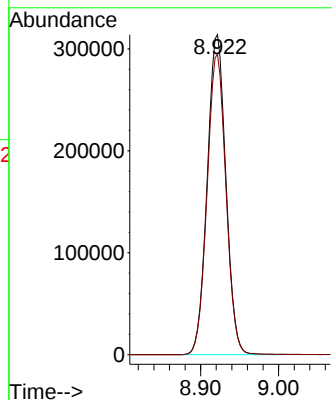
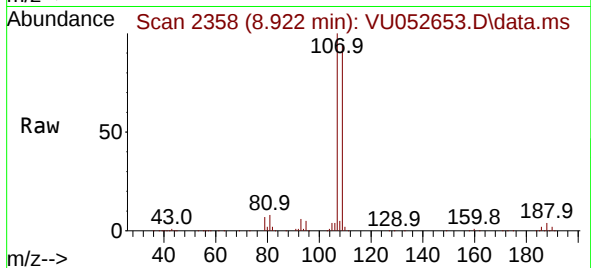
VSTDICC150

Tgt Ion:107 Resp: 523960
Ion Ratio Lower Upper
107 100
109 94.5 75.1 112.7

Manual Integrations

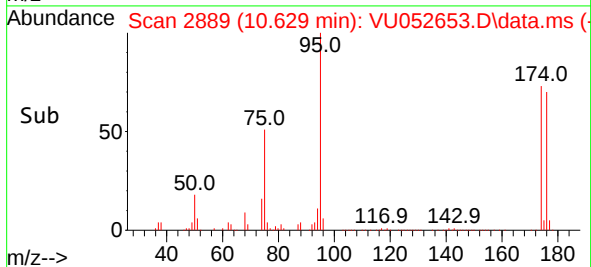
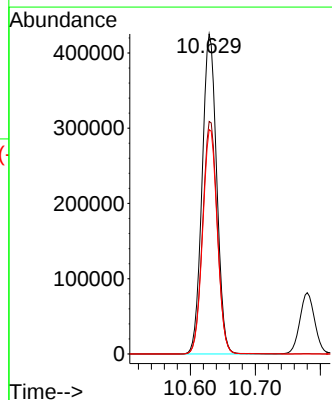
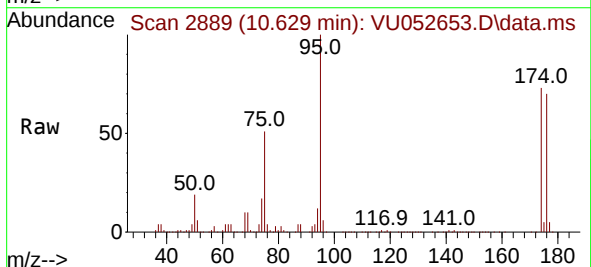
APPROVED

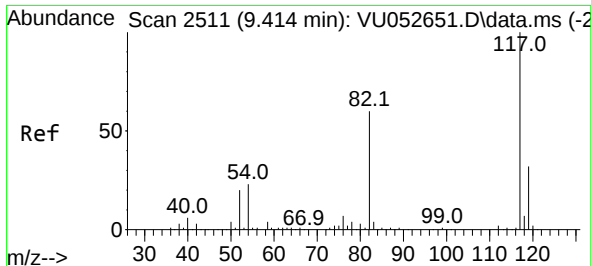
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#62
4-Bromofluorobenzene
Concen: 156.543 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

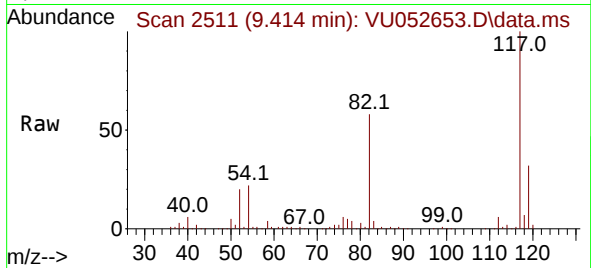
Tgt Ion: 95 Resp: 664049
Ion Ratio Lower Upper
95 100
174 73.1 0.0 182.0
176 70.5 0.0 177.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

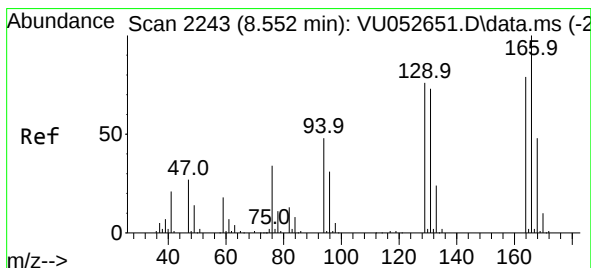
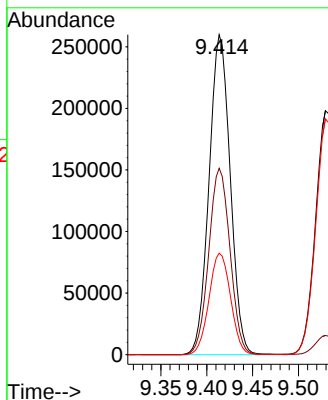
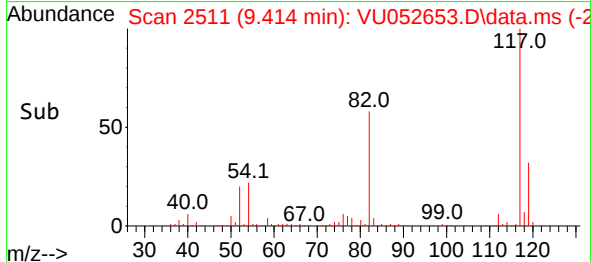
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 41715
Ion Ratio Lower Upper
117 100
82 58.3 41.7 62.5
119 31.7 25.7 38.5

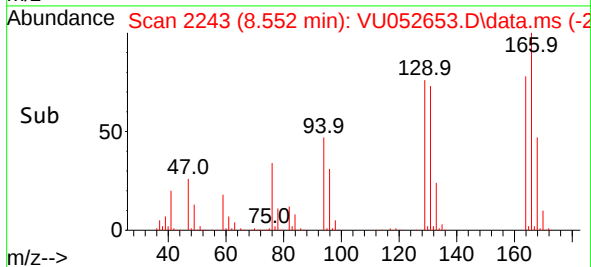
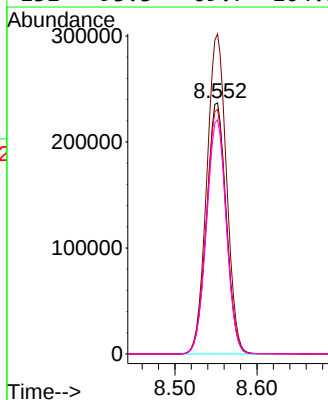
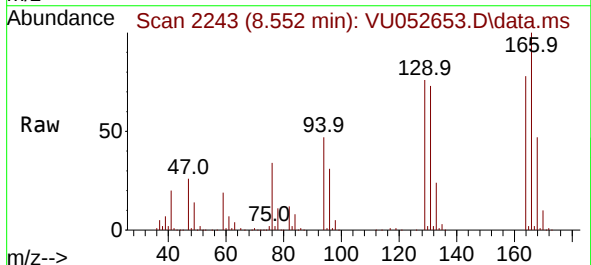
Manual Integrations
APPROVED

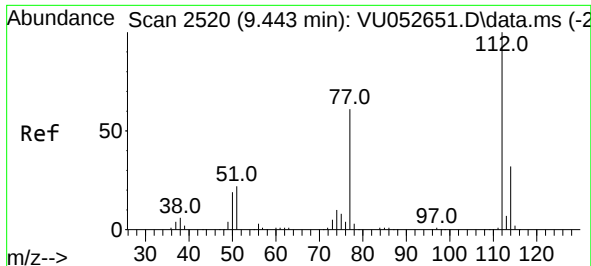
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#64
Tetrachloroethene
Concen: 145.890 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

Tgt Ion:164 Resp: 393935
Ion Ratio Lower Upper
164 100
166 127.5 100.0 150.0
129 97.4 72.0 108.0
131 93.3 69.7 104.5





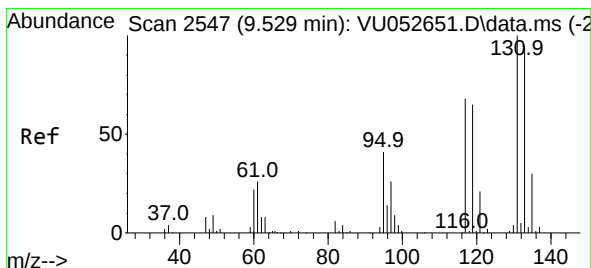
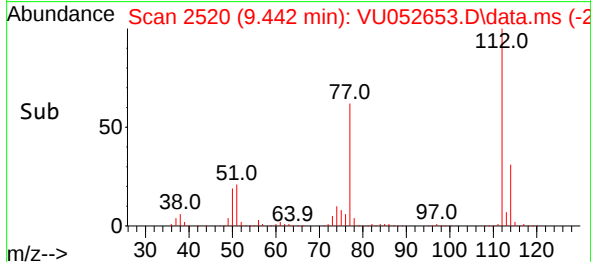
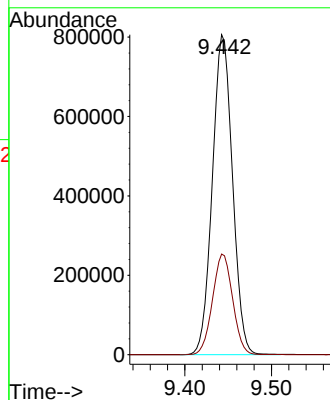
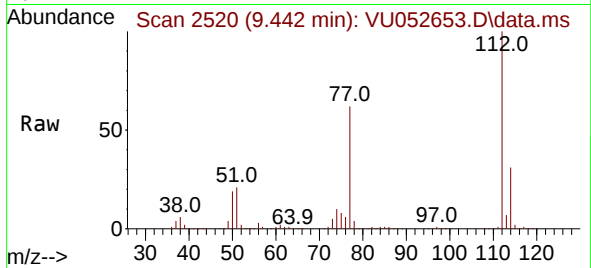
#65
Chlorobenzene
Concen: 151.282 ug/l
RT: 9.442 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion:112 Resp: 130285
Ion Ratio Lower Upper
112 100
114 31.4 24.9 37.3

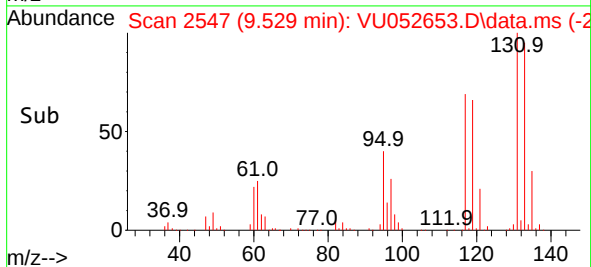
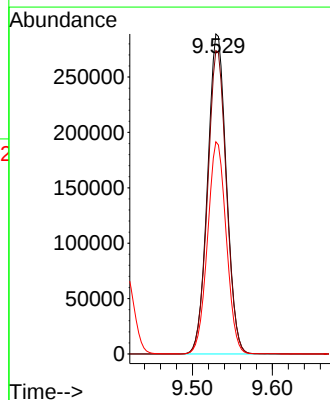
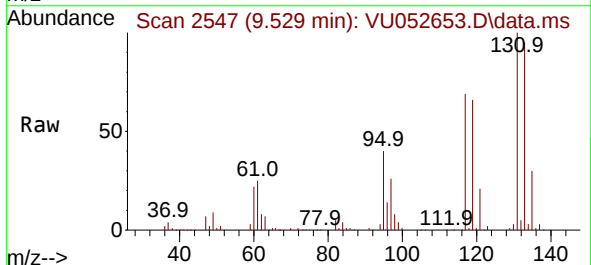
Manual Integrations
APPROVED

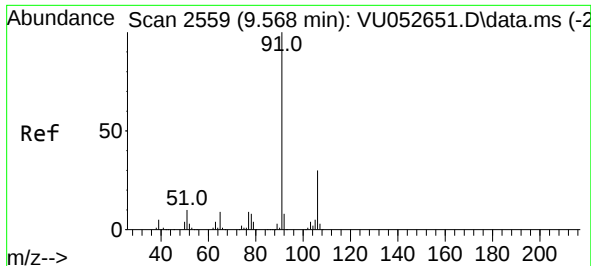
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 146.955 ug/l
RT: 9.529 min Scan# 2547
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

Tgt Ion:131 Resp: 471889
Ion Ratio Lower Upper
131 100
133 95.1 48.4 145.0
119 66.2 33.9 101.6





#67

Ethyl Benzene

Concen: 154.826 ug/l

RT: 9.568 min Scan# 2559

Delta R.T. -0.000 min

Lab File: VU052653.D

Acq: 11 Jan 2023 16:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 244159

Ion Ratio Lower Upper

91 100

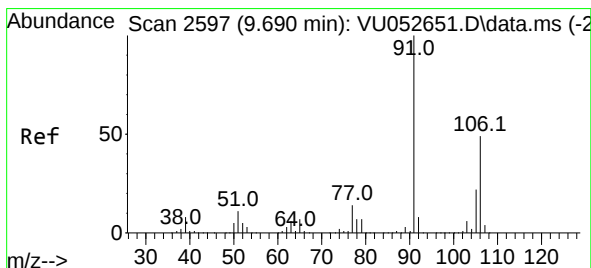
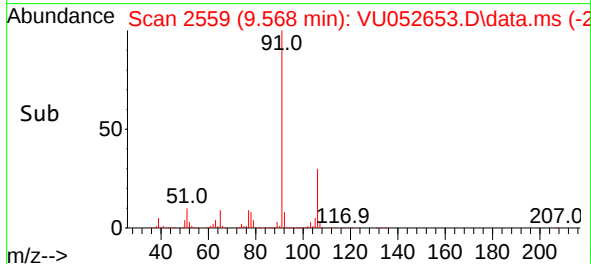
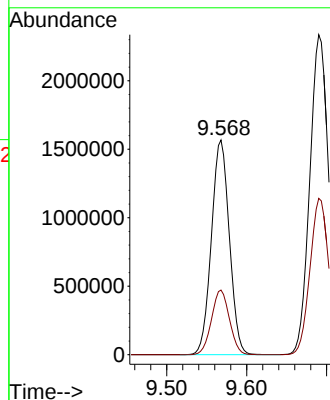
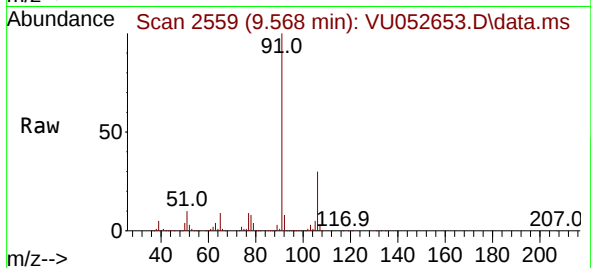
106 30.1 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#68

m/p-Xylenes

Concen: 317.077 ug/l

RT: 9.690 min Scan# 2597

Delta R.T. -0.000 min

Lab File: VU052653.D

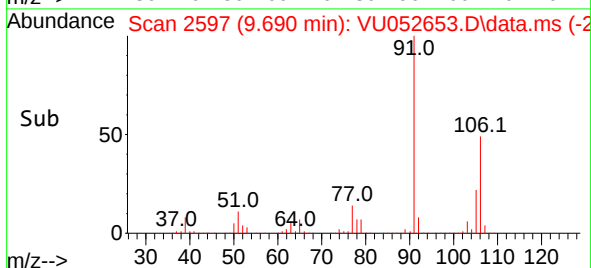
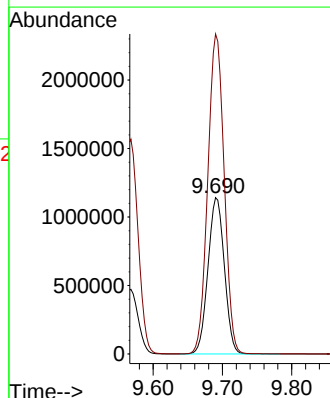
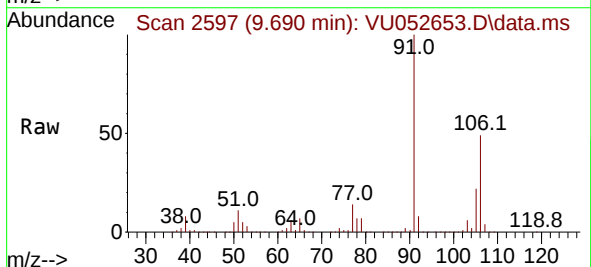
Acq: 11 Jan 2023 16:12

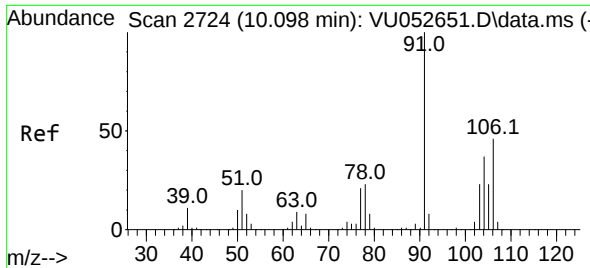
Tgt Ion:106 Resp: 1865842

Ion Ratio Lower Upper

106 100

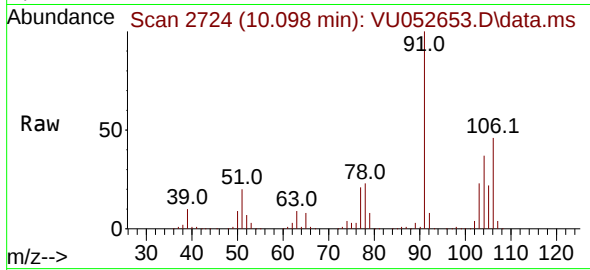
91 205.1 157.2 235.8





#69
o-Xylene
Concen: 156.345 ug/l
RT: 10.098 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

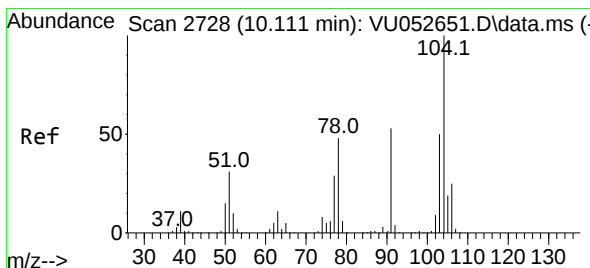
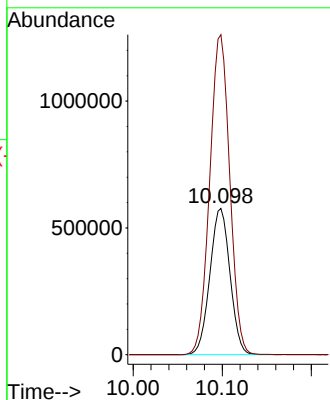
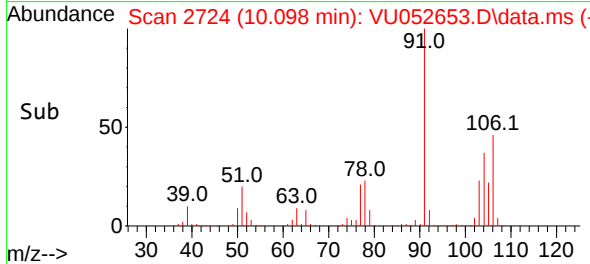
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



Tgt Ion:106 Resp: 903850
Ion Ratio Lower Upper
106 100
91 218.1 103.5 310.5

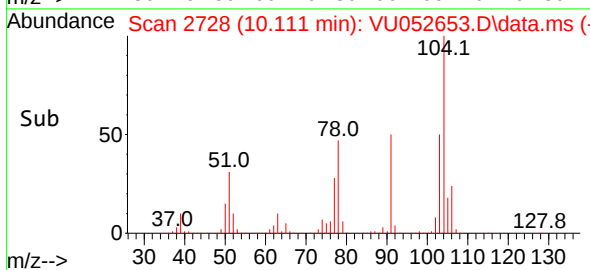
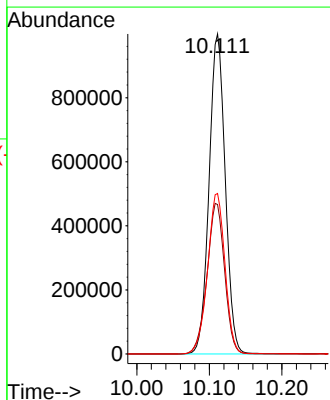
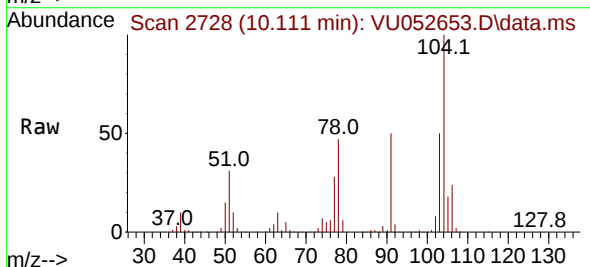
Manual Integrations
APPROVED

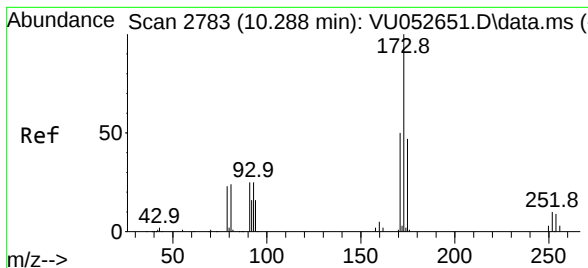
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#70
Styrene
Concen: 165.770 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

Tgt Ion:104 Resp: 1548238
Ion Ratio Lower Upper
104 100
78 51.1 38.0 57.0
103 54.1 43.9 65.9





#71

Bromoform

Concen: 149.951 ug/l

RT: 10.288 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU052653.D

Acq: 11 Jan 2023 16:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

Tgt Ion:173 Resp: 40806

Ion Ratio Lower Upper

173 100

175 48.4 24.1 72.2

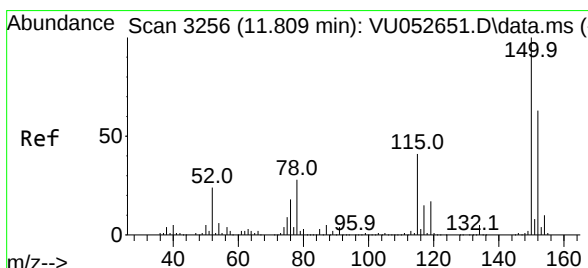
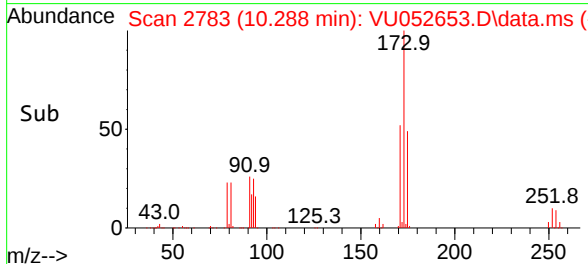
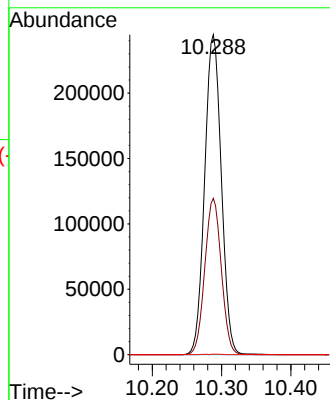
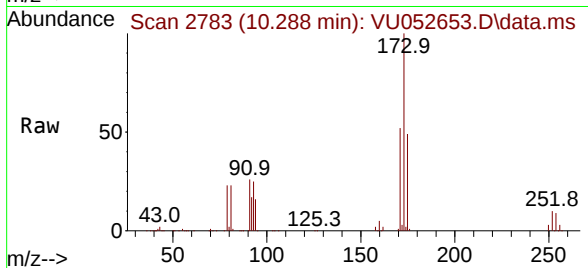
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.809 min Scan# 3256

Delta R.T. -0.000 min

Lab File: VU052653.D

Acq: 11 Jan 2023 16:12

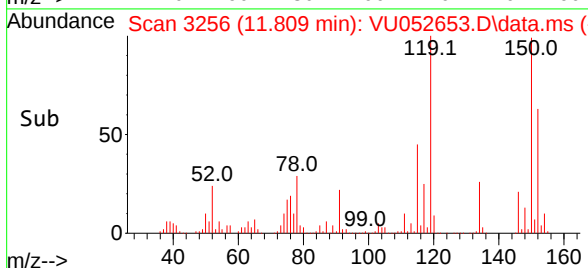
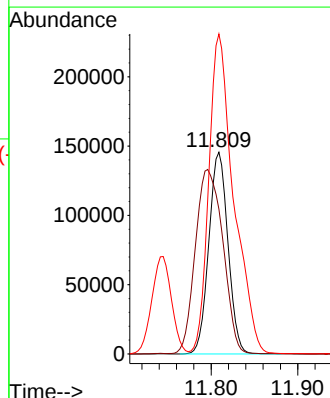
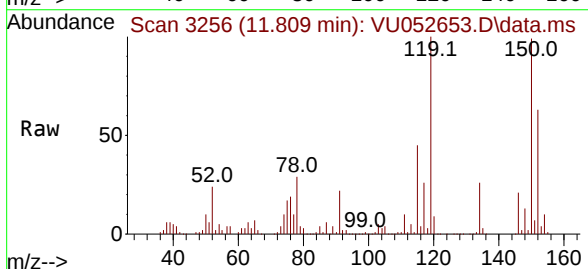
Tgt Ion:152 Resp: 223414

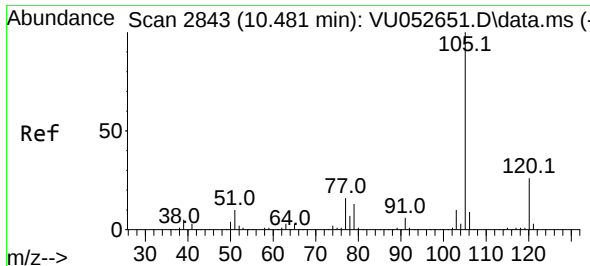
Ion Ratio Lower Upper

152 100

115 131.0 37.0 110.9#

150 206.4 0.0 342.2





#73
Isopropylbenzene
Concen: 149.900 ug/l
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

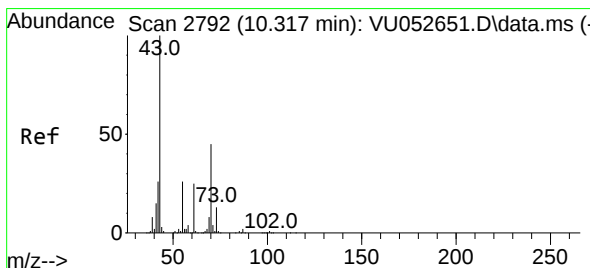
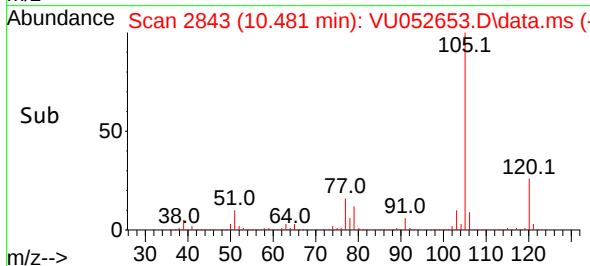
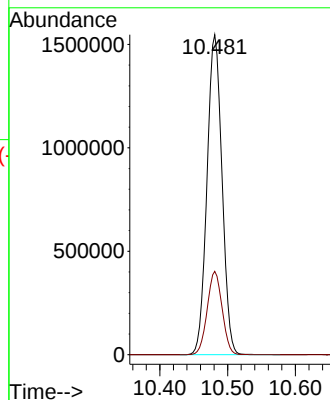
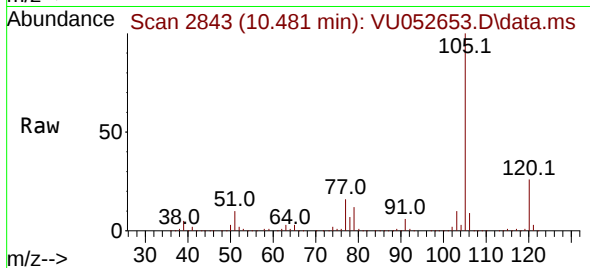
Tgt Ion:105 Resp: 2376479
Ion Ratio Lower Upper
105 100
120 25.9 13.8 41.4

Manual Integrations

APPROVED

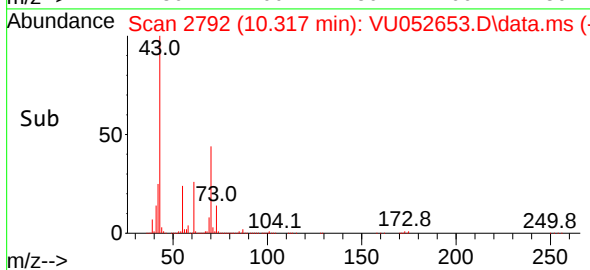
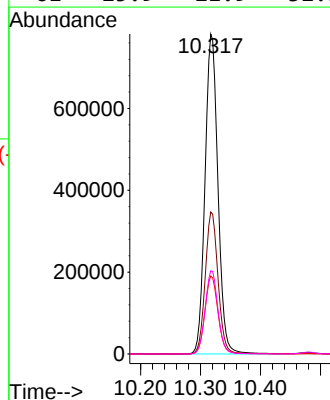
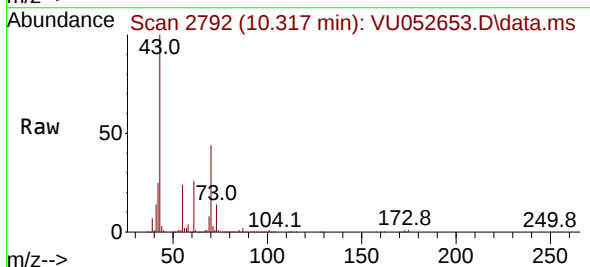
Reviewed By :Krupa Patel 01/13/2023

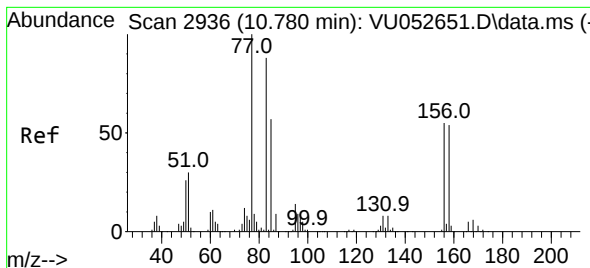
Supervised By :Mahesh Dadoda 01/13/2023



#74
N-ethyl acetate
Concen: 143.450 ug/l
RT: 10.317 min Scan# 2792
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

Tgt Ion: 43 Resp: 1171826
Ion Ratio Lower Upper
43 100
70 44.1 38.7 58.1
55 24.7 21.8 32.8
61 25.9 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 131.857 ug/l

RT: 10.780 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VU052653.D

Acq: 11 Jan 2023 16:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

Tgt Ion: 83 Resp: 872938

Ion Ratio Lower Upper

83 100

131 9.0 5.1 15.4

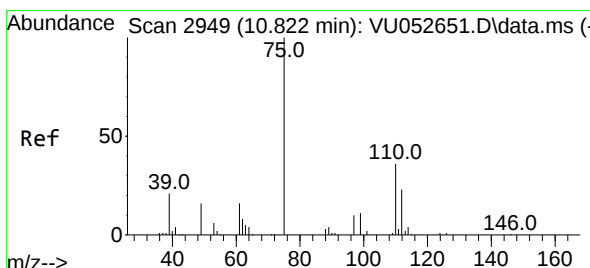
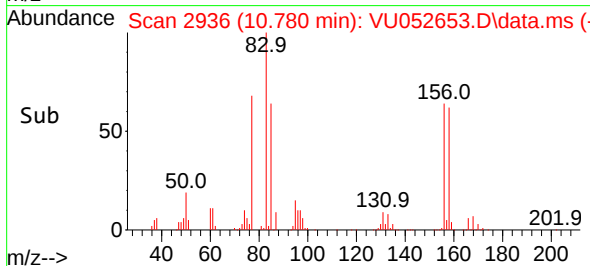
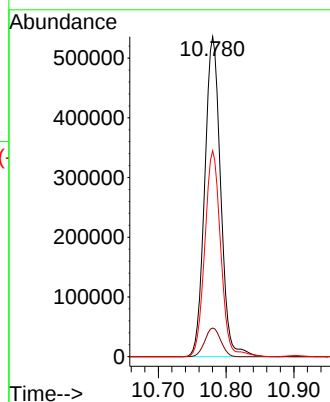
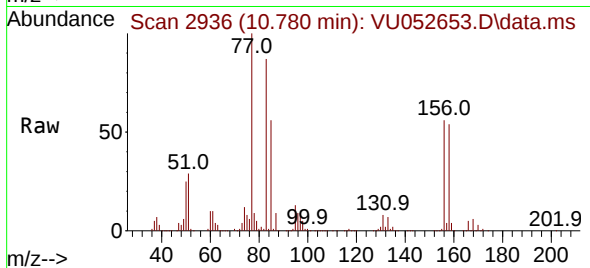
85 64.3 32.2 96.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#76

1,2,3-Trichloropropane

Concen: 135.544 ug/l

RT: 10.822 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU052653.D

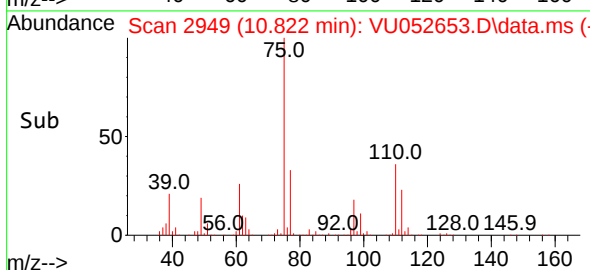
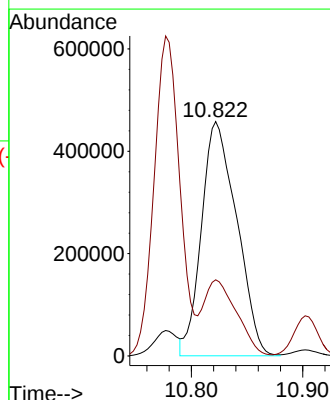
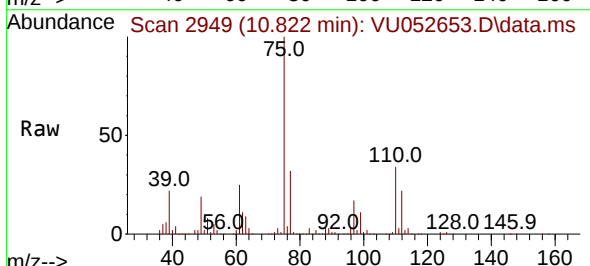
Acq: 11 Jan 2023 16:12

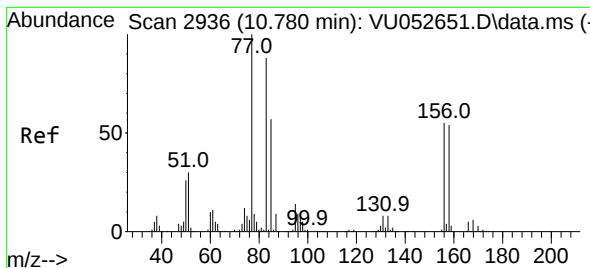
Tgt Ion: 75 Resp: 1007224

Ion Ratio Lower Upper

75 100

77 29.8 15.8 47.3





#77

Bromobenzene

Concen: 141.032 ug/l

RT: 10.780 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VU052653.D

Acq: 11 Jan 2023 16:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

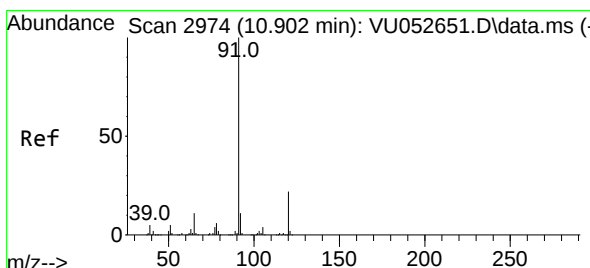
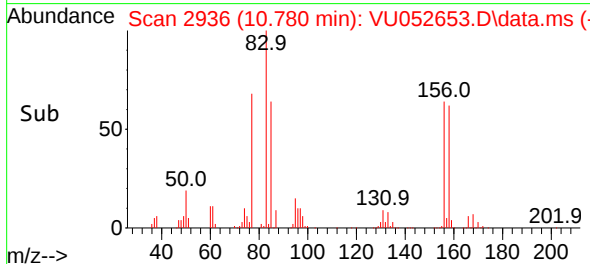
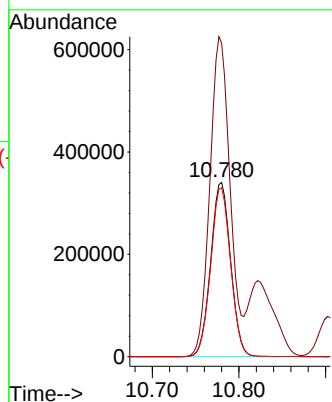
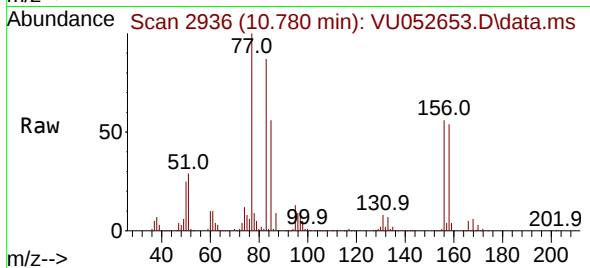
Tgt Ion:	156	Resp:	54394
Ion Ratio	Lower	Upper	
156	100		
77	186.4	71.9	215.6
158	96.8	48.9	146.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#78

n-propylbenzene

Concen: 152.916 ug/l

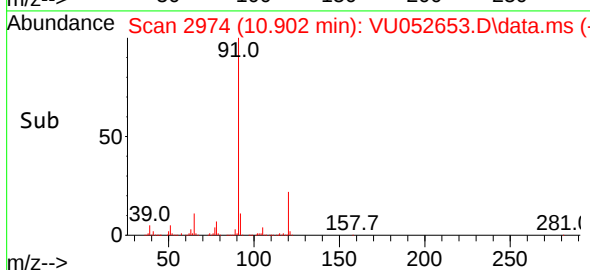
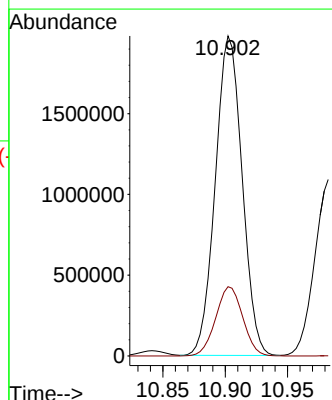
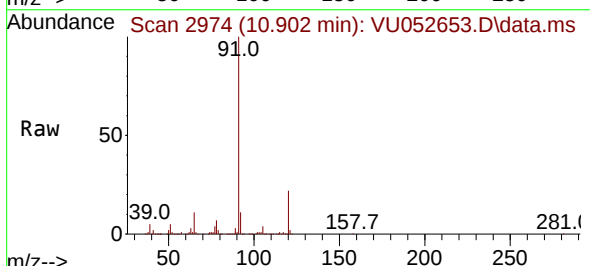
RT: 10.902 min Scan# 2974

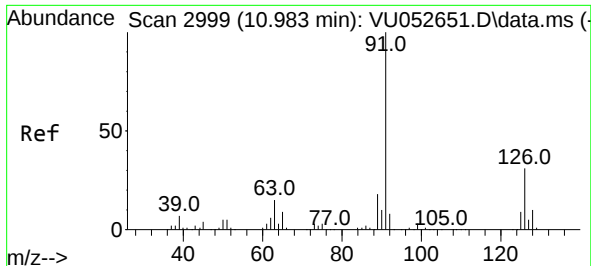
Delta R.T. -0.000 min

Lab File: VU052653.D

Acq: 11 Jan 2023 16:12

Tgt Ion:	91	Resp:	2961415
Ion Ratio	Lower	Upper	
91	100		
120	21.9	11.9	35.5





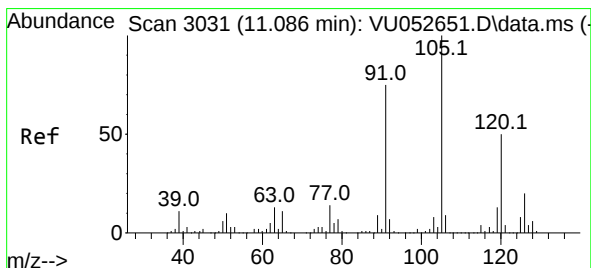
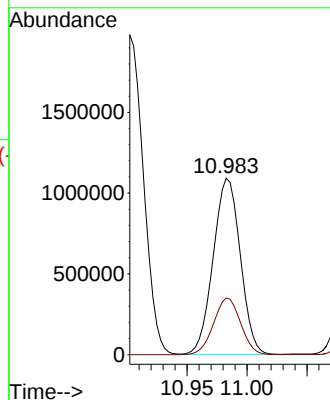
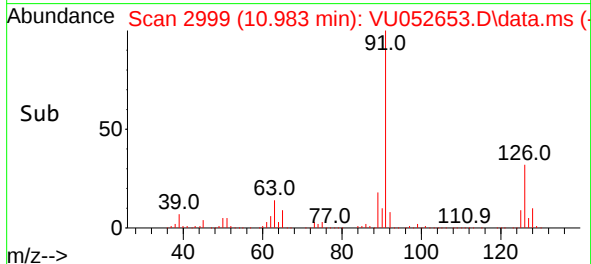
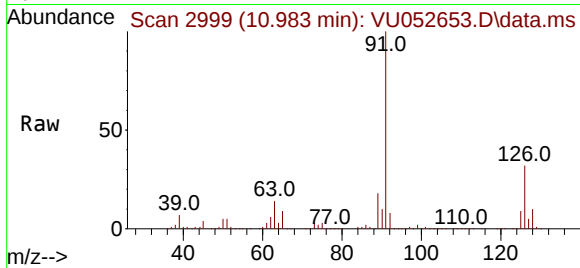
#79
2-Chlorotoluene
Concen: 144.139 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 170844
Ion Ratio Lower Upper
91 100
126 32.1 18.4 55.0

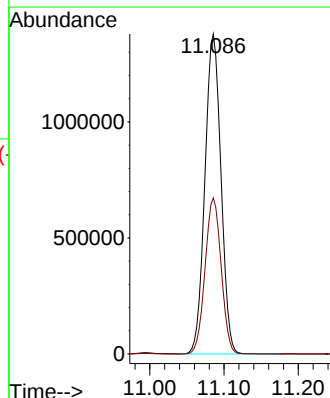
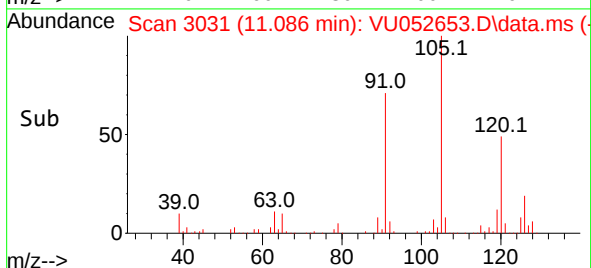
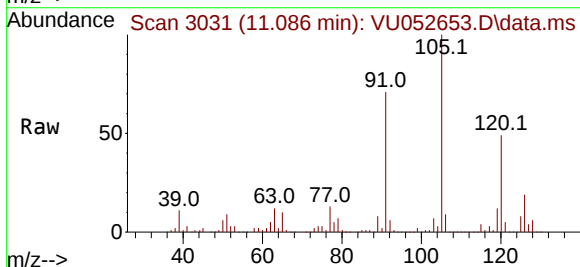
Manual Integrations
APPROVED

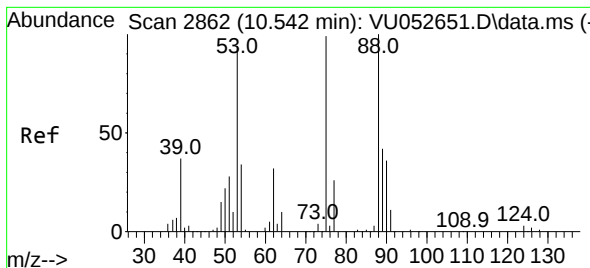
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 149.803 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

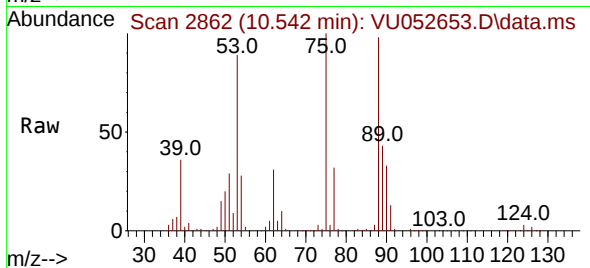
Tgt Ion:105 Resp: 2066129
Ion Ratio Lower Upper
105 100
120 48.8 25.3 75.9





#81
trans-1,4-Dichloro-2-butene
Concen: 150.630 ug/l
RT: 10.542 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

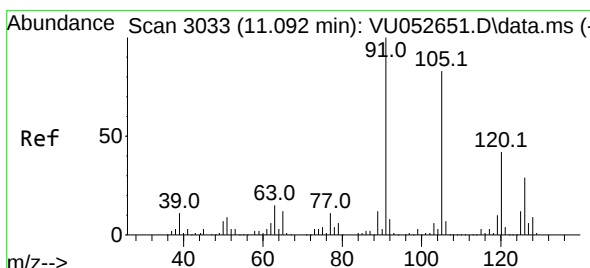
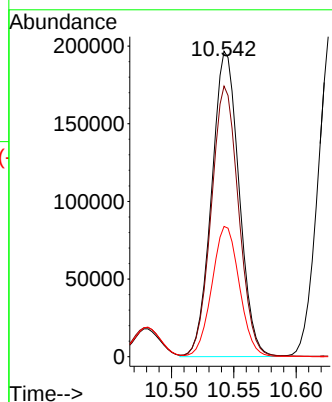
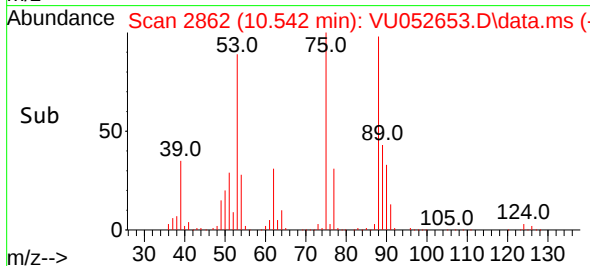
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



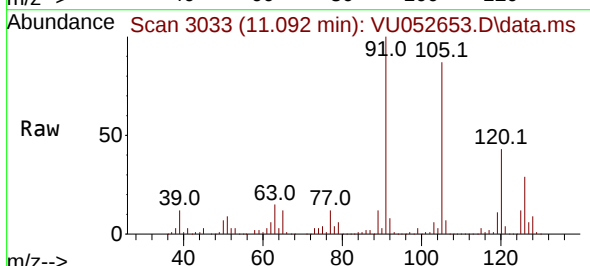
Tgt Ion: 75 Resp: 30140
Ion Ratio Lower Upper
75 100
53 88.3 69.2 103.8
89 42.7 37.0 55.6

Manual Integrations
APPROVED

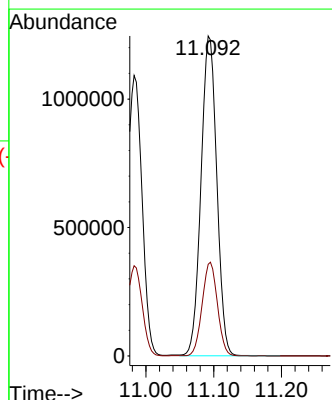
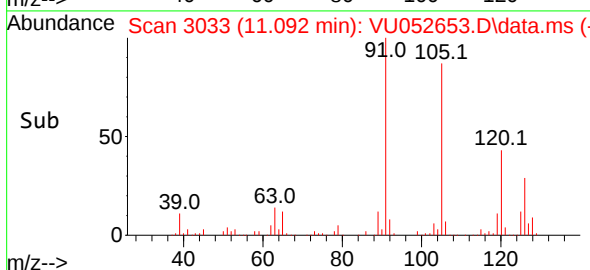
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

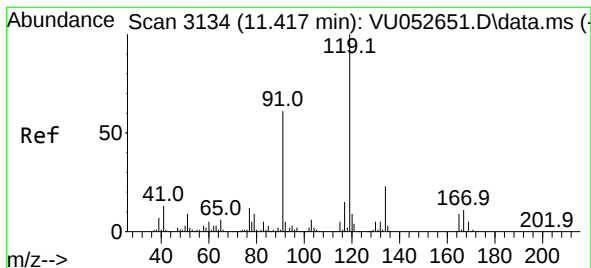


#82
4-Chlorotoluene
Concen: 149.712 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12



Tgt Ion: 91 Resp: 2008986
Ion Ratio Lower Upper
91 100
126 28.3 16.1 48.2





#83

tert-Butylbenzene

Concen: 150.700 ug/l

RT: 11.417 min Scan# 3134

Delta R.T. -0.000 min

Lab File: VU052653.D

Acq: 11 Jan 2023 16:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion:119 Resp: 2039088

Ion Ratio Lower Upper

119 100

91 57.3 26.8 80.3

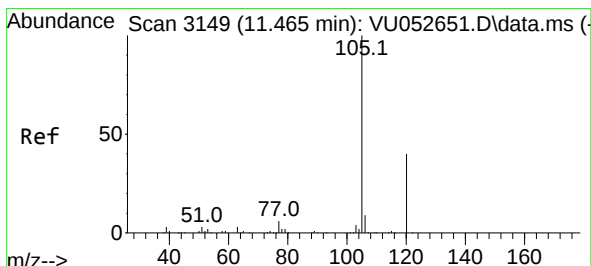
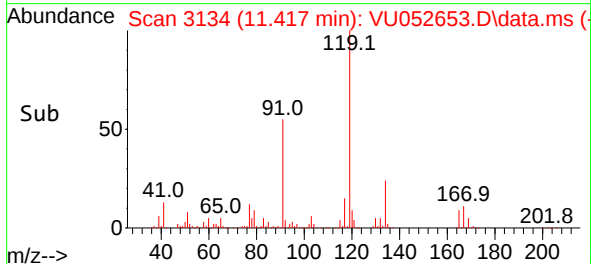
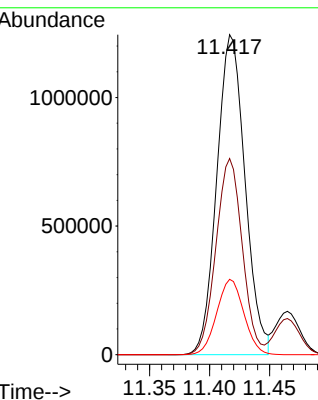
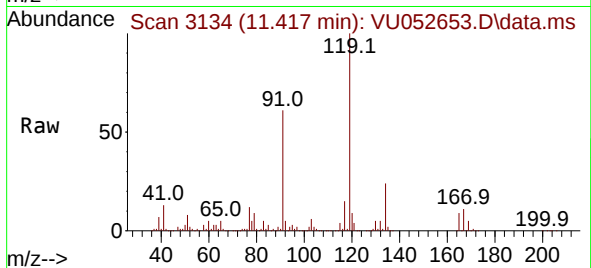
134 22.6 11.5 34.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#84

1,2,4-Trimethylbenzene

Concen: 152.842 ug/l

RT: 11.465 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VU052653.D

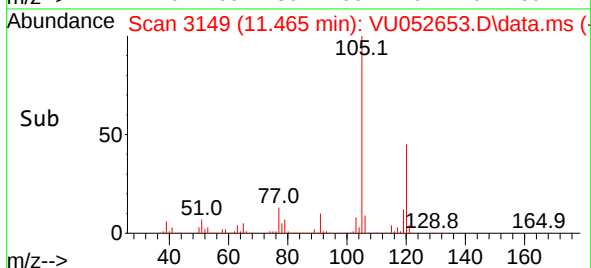
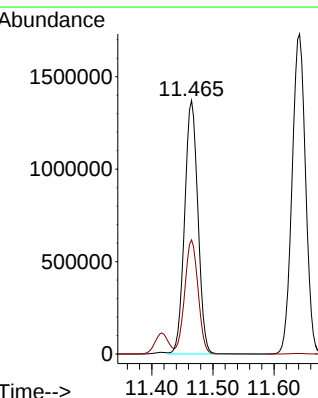
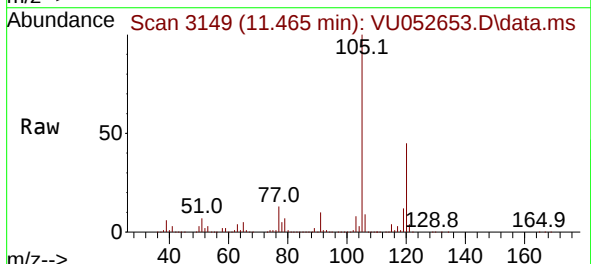
Acq: 11 Jan 2023 16:12

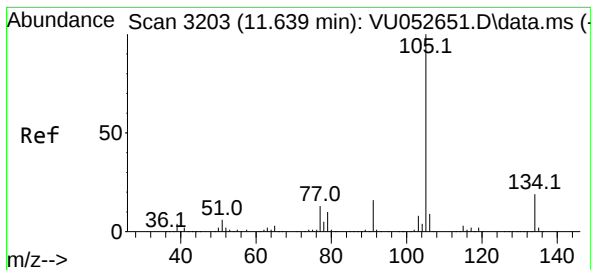
Tgt Ion:105 Resp: 2069823

Ion Ratio Lower Upper

105 100

120 45.2 23.4 70.3





#85

sec-Butylbenzene

Concen: 154.760 ug/l

RT: 11.642 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU052653.D

Acq: 11 Jan 2023 16:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

Tgt Ion:105 Resp: 2645320

Ion Ratio Lower Upper

105 100

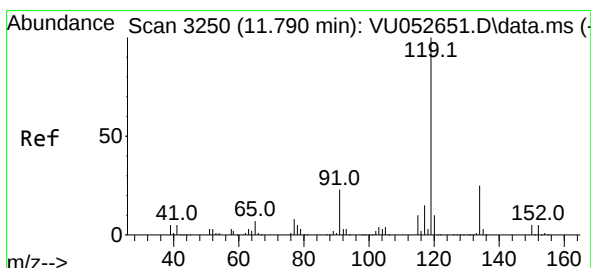
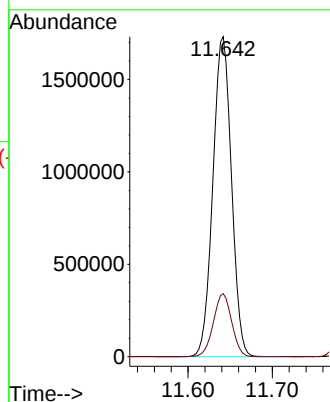
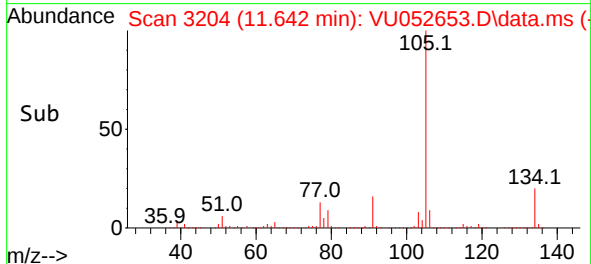
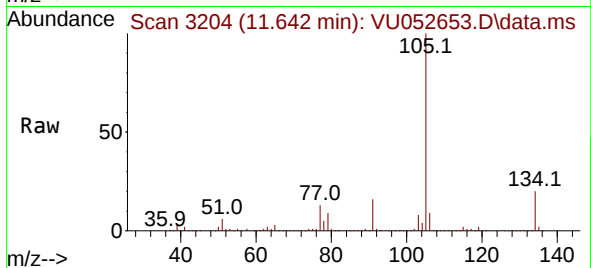
134 19.5 10.4 31.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#86

p-Isopropyltoluene

Concen: 160.403 ug/l

RT: 11.790 min Scan# 3250

Delta R.T. -0.000 min

Lab File: VU052653.D

Acq: 11 Jan 2023 16:12

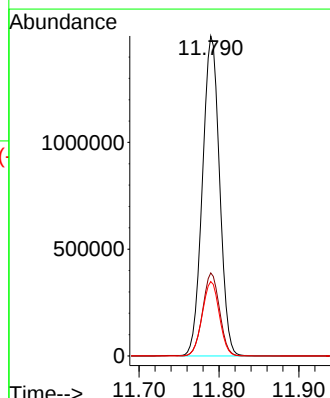
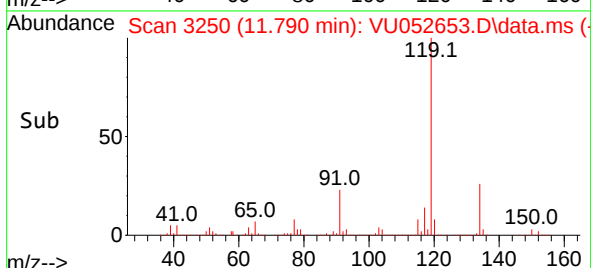
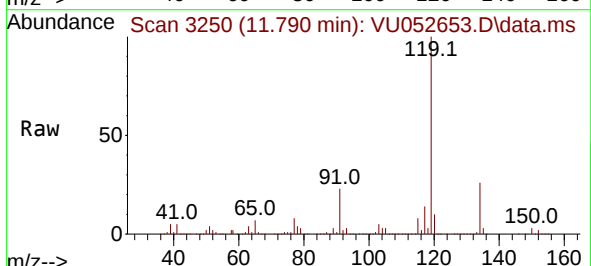
Tgt Ion:119 Resp: 2231506

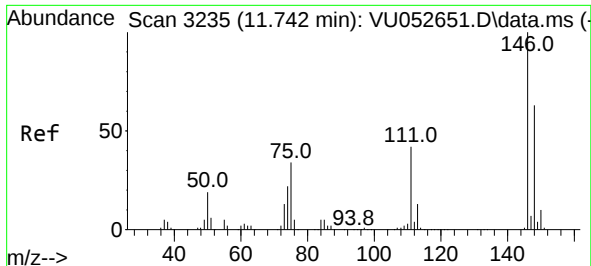
Ion Ratio Lower Upper

119 100

134 25.6 13.5 40.4

91 23.3 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 147.300 ug/l

RT: 11.741 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU052653.D

Acq: 11 Jan 2023 16:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion:146 Resp: 109408

Ion Ratio Lower Upper

146 100

111 41.6 18.9 56.5

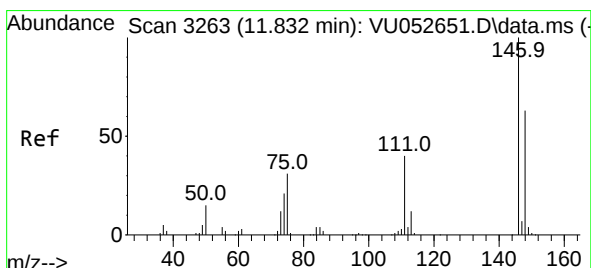
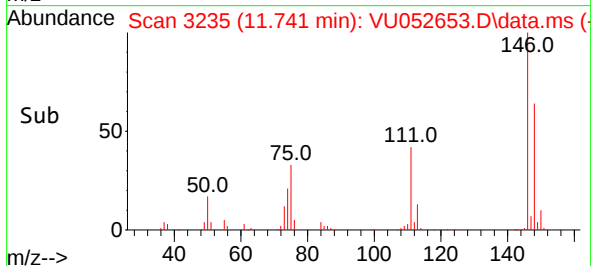
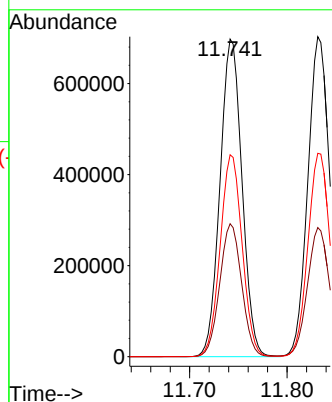
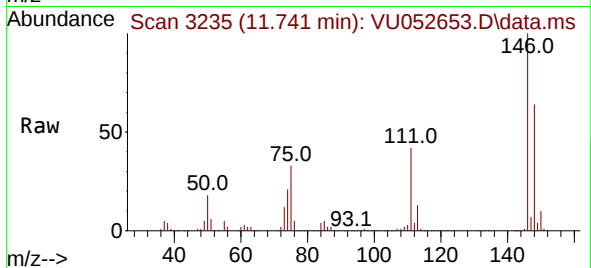
148 63.5 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#88

1,4-Dichlorobenzene

Concen: 146.360 ug/l

RT: 11.831 min Scan# 3263

Delta R.T. -0.000 min

Lab File: VU052653.D

Acq: 11 Jan 2023 16:12

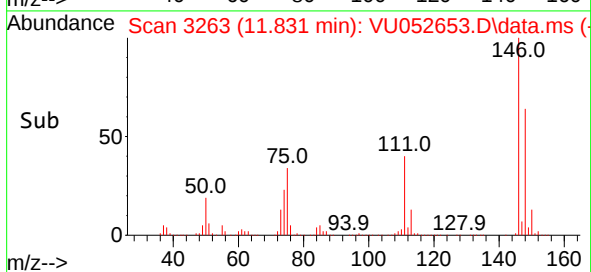
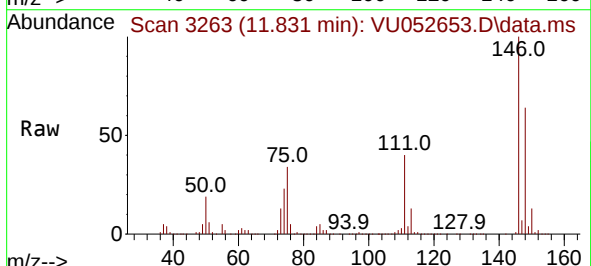
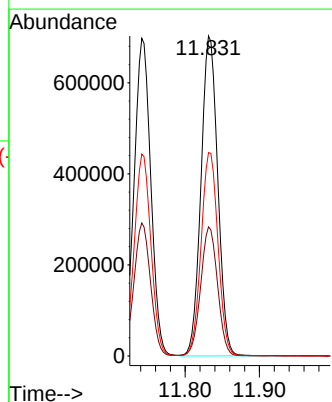
Tgt Ion:146 Resp: 1101223

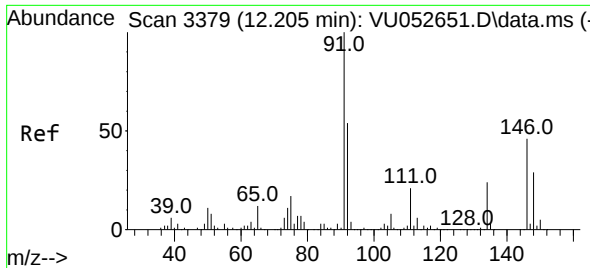
Ion Ratio Lower Upper

146 100

111 40.4 18.5 55.5

148 64.3 31.9 95.7





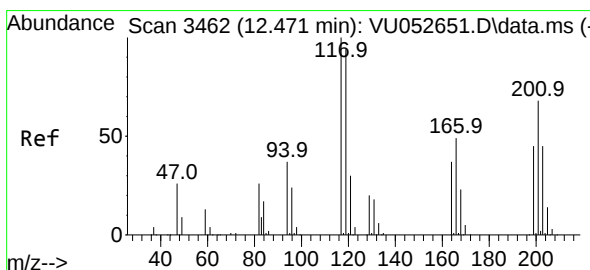
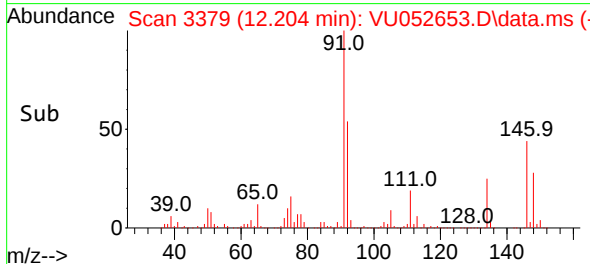
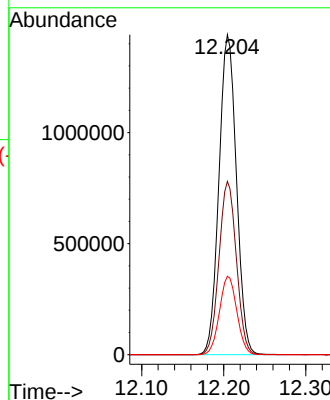
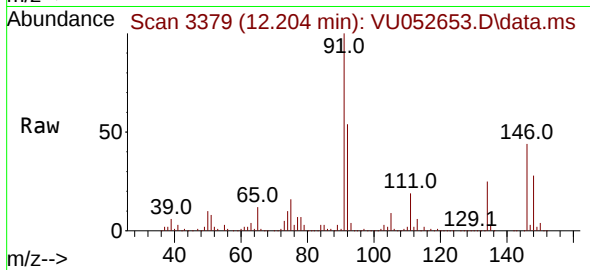
#89
n-Butylbenzene
Concen: 164.692 ug/l
RT: 12.204 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 213301
Ion Ratio Lower Upper
91 100
92 54.0 26.2 78.6
134 24.3 13.5 40.4

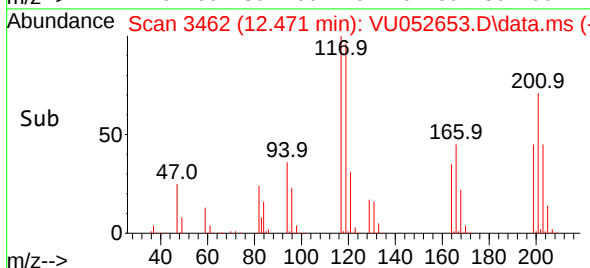
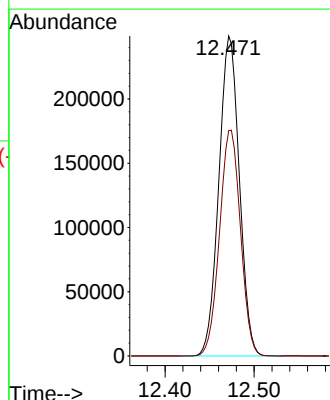
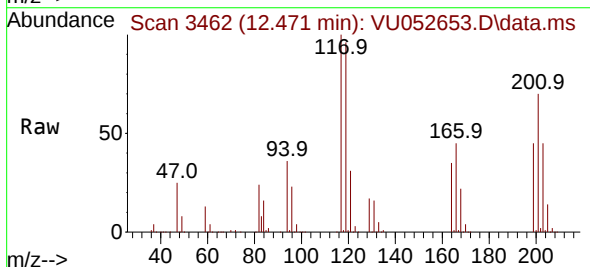
Manual Integrations
APPROVED

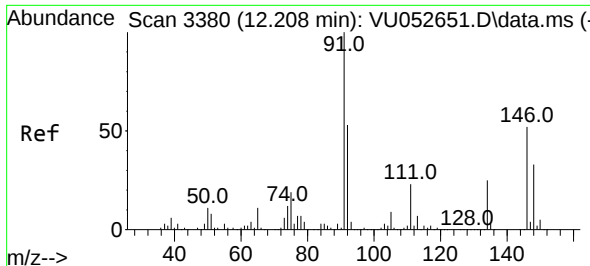
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#90
Hexachloroethane
Concen: 146.165 ug/l
RT: 12.471 min Scan# 3462
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

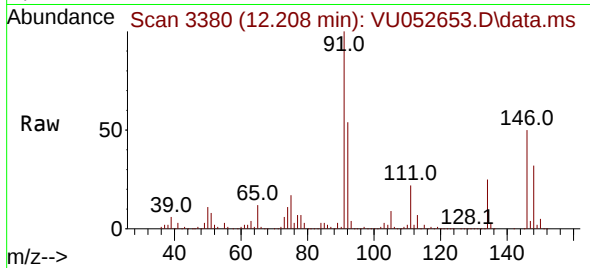
Tgt Ion:117 Resp: 398803
Ion Ratio Lower Upper
117 100
201 72.0 44.6 134.0





#91
1,2-Dichlorobenzene
Concen: 144.651 ug/l
RT: 12.208 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

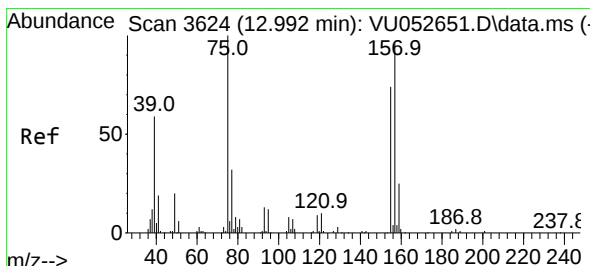
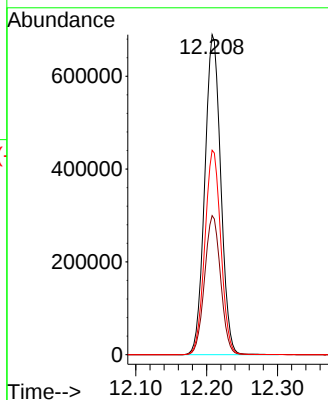
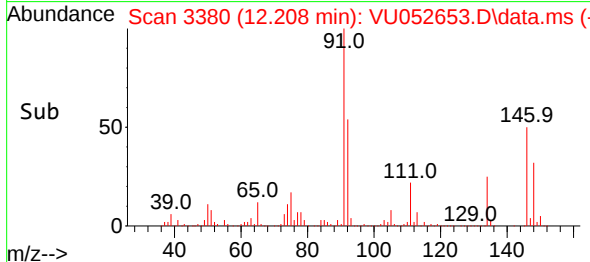
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



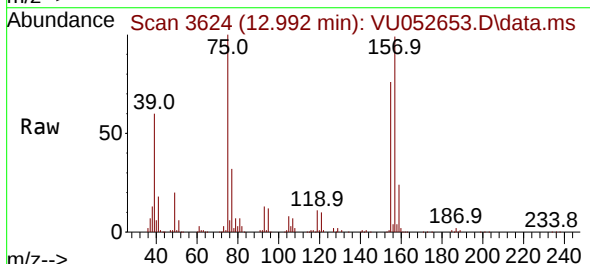
Tgt Ion:146 Resp: 107864
Ion Ratio Lower Upper
146 100
111 43.5 19.9 59.6
148 63.9 32.1 96.5

Manual Integrations
APPROVED

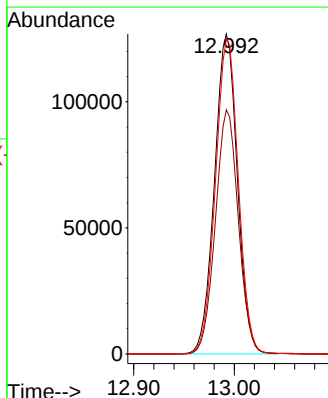
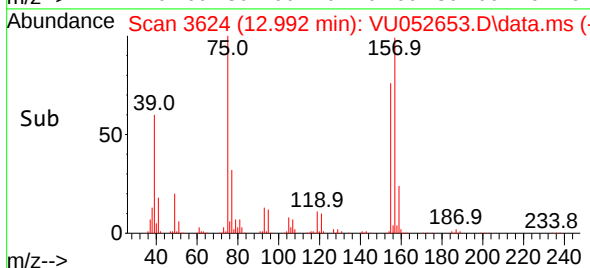
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

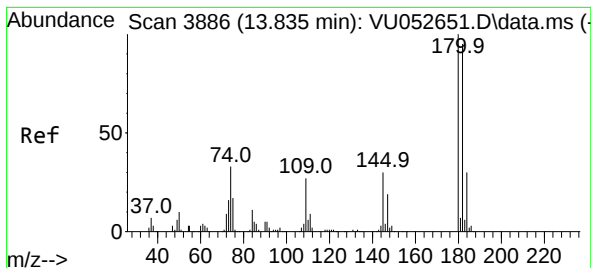


#92
1,2-Dibromo-3-Chloropropane
Concen: 120.655 ug/l
RT: 12.992 min Scan# 3624
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12



Tgt Ion: 75 Resp: 201153
Ion Ratio Lower Upper
75 100
155 76.5 47.8 143.4
157 98.5 62.2 186.5





#93

1,2,4-Trichlorobenzene

Concen: 141.721 ug/l

RT: 13.835 min Scan# 3886

Delta R.T. -0.000 min

Lab File: VU052653.D

Acq: 11 Jan 2023 16:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

Tgt Ion:180 Resp: 73183

Ion Ratio Lower Upper

180 100

182 94.8 47.9 143.6

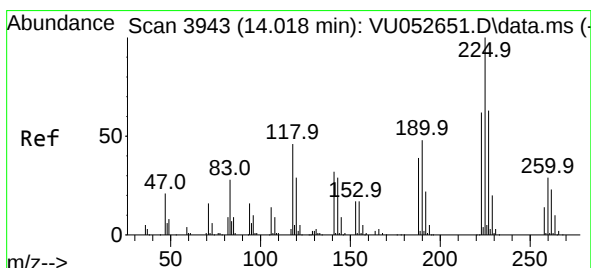
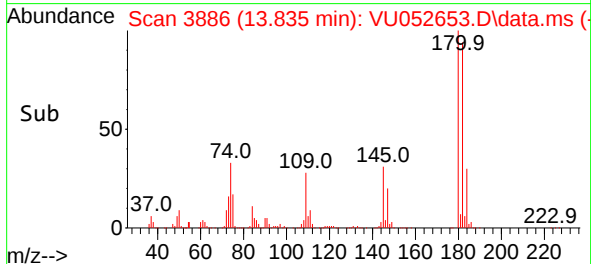
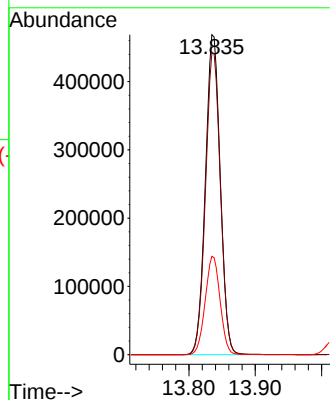
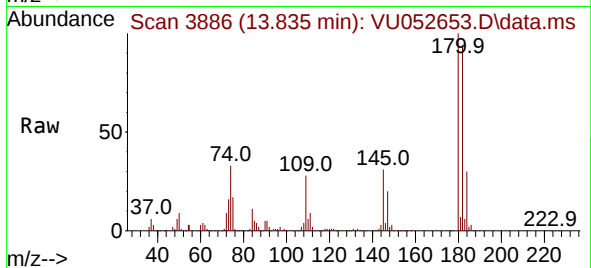
145 30.8 14.0 41.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#94

Hexachlorobutadiene

Concen: 148.060 ug/l

RT: 14.018 min Scan# 3943

Delta R.T. -0.000 min

Lab File: VU052653.D

Acq: 11 Jan 2023 16:12

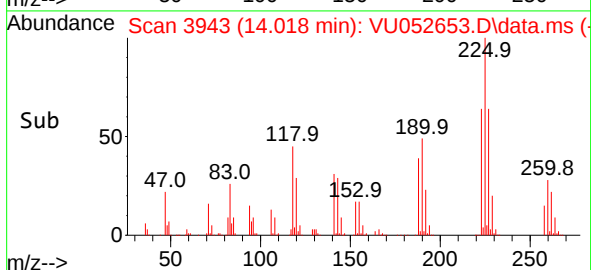
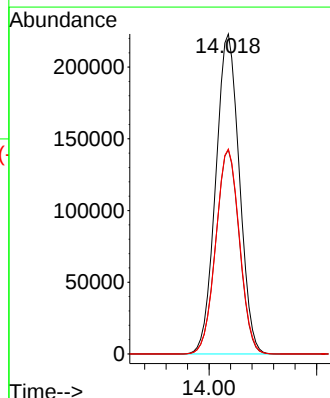
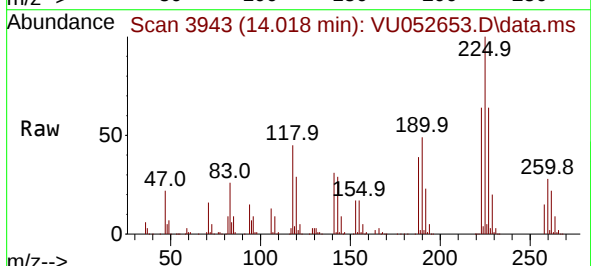
Tgt Ion:225 Resp: 340142

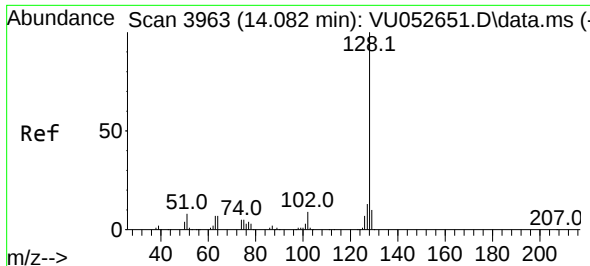
Ion Ratio Lower Upper

225 100

223 63.7 31.3 93.9

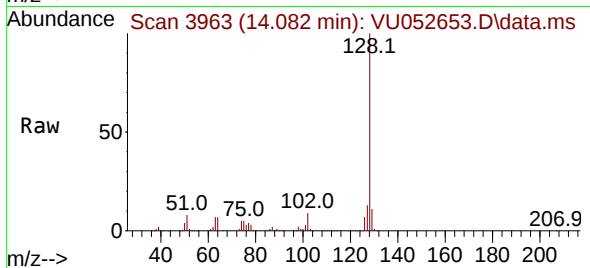
227 64.3 32.0 96.2





#95
Naphthalene
Concen: 115.361 ug/l
RT: 14.082 min Scan# 3963
Delta R.T. -0.000 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12

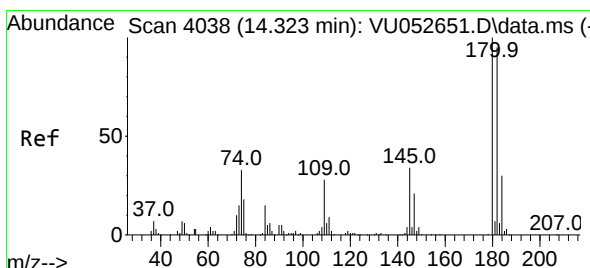
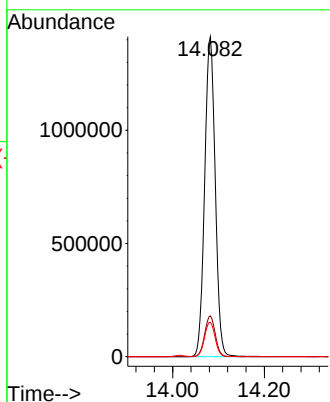
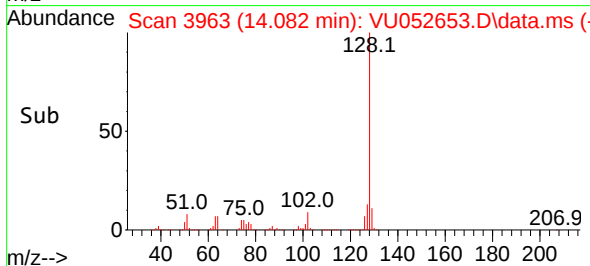
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150



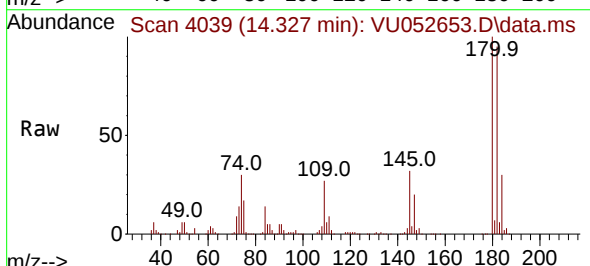
Tgt Ion:128 Resp: 225800
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#96
1,2,3-Trichlorobenzene
Concen: 132.795 ug/l
RT: 14.327 min Scan# 4039
Delta R.T. 0.003 min
Lab File: VU052653.D
Acq: 11 Jan 2023 16:12



Tgt Ion:180 Resp: 712363
Ion Ratio Lower Upper
180 100
182 94.9 48.4 145.0
145 32.4 14.8 44.4

