

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011923\
 Data File : VU052736.D
 Acq On : 19 Jan 2023 13:45
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

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

Quant Time: Jan 20 00:35:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011923W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 20 00:33:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	207266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	336823	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	315756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	165589	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	61472	18.904	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	37.800%#		
35) Dibromofluoromethane	5.285	113	46782	20.095	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.200%#		
50) Toluene-d8	7.893	98	173254	19.492	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	38.980%#		
62) 4-Bromofluorobenzene	10.629	95	61275	19.020	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	38.040%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	46829	18.343	ug/l	99
3) Chloromethane	1.520	50	48516	13.510	ug/l	98
4) Vinyl Chloride	1.604	62	48403	15.389	ug/l	99
5) Bromomethane	1.858	94	23602	13.243	ug/l	99
6) Chloroethane	1.932	64	30629	16.087	ug/l	99
7) Trichlorofluoromethane	2.134	101	76703	18.916	ug/l	98
8) Diethyl Ether	2.372	74	28088	17.107	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.578	101	44908	18.671	ug/l	96
10) Methyl Iodide	2.719	142	32770	13.555	ug/l	100
11) Tert butyl alcohol	3.272	59	52733m	82.864	ug/l	
12) 1,1-Dichloroethene	2.578	96	43305	18.266	ug/l	98
13) Acrolein	2.488	56	46379	63.045	ug/l	96
14) Allyl chloride	2.922	41	69819	15.279	ug/l	99
15) Acrylonitrile	3.314	53	139353	81.948	ug/l	99
16) Acetone	2.636	43	139205	84.288	ug/l	100
17) Carbon Disulfide	2.790	76	127667	17.135	ug/l	98
18) Methyl Acetate	2.948	43	78140	16.326	ug/l	99
19) Methyl tert-butyl Ether	3.356	73	146605	17.851	ug/l	99
20) Methylene Chloride	3.044	84	53665	15.292	ug/l	99
21) trans-1,2-Dichloroethene	3.350	96	46808	18.224	ug/l	99
22) Diisopropyl ether	3.986	45	149055	16.899	ug/l	96
23) Vinyl Acetate	3.951	43	555680	81.004	ug/l	99
24) 1,1-Dichloroethane	3.864	63	91992	17.550	ug/l	99
25) 2-Butanone	4.703	43	184123	81.538	ug/l	98
26) 2,2-Dichloropropane	4.658	77	73695	17.870	ug/l	100
27) cis-1,2-Dichloroethene	4.661	96	52735	17.902	ug/l	99
28) Bromochloromethane	4.970	49	38298	16.078	ug/l	98
29) Tetrahydrofuran	5.050	42	109335	80.144	ug/l	99
30) Chloroform	5.083	83	94716	17.572	ug/l	98
31) Cyclohexane	5.385	56	82834	16.924	ug/l	98
32) 1,1,1-Trichloroethane	5.311	97	80436	18.939	ug/l	99
36) 1,1-Dichloropropene	5.523	75	66538	18.542	ug/l	99
37) Ethyl Acetate	4.800	43	69222	15.326	ug/l	99
38) Carbon Tetrachloride	5.520	117	69317	20.457	ug/l	97
39) Methylcyclohexane	6.761	83	76356	18.487	ug/l	99
40) Benzene	5.771	78	200721	18.858	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.967	41	36059	17.140	ug/l	100
42) 1,2-Dichloroethane	5.790	62	73422	19.131	ug/l	99
43) Isopropyl Acetate	5.906	43	100510	17.003	ug/l	98
44) Trichloroethene	6.536	130	49569	19.540	ug/l	100
45) 1,2-Dichloropropane	6.787	63	51504	17.665	ug/l	98
46) Dibromomethane	6.915	93	34824	18.721	ug/l	99
47) Bromodichloromethane	7.099	83	71917	18.922	ug/l	96
48) Methyl methacrylate	6.957	41	45610	16.577	ug/l	100
49) 1,4-Dioxane	7.025	88	20264	386.580	ug/l	94
51) 4-Methyl-2-Pentanone	7.787	43	337078	87.491	ug/l	99
52) Toluene	7.967	92	125160	19.921	ug/l	100
53) t-1,3-Dichloropropene	8.205	75	73818	18.430	ug/l	98
54) cis-1,3-Dichloropropene	7.603	75	78908	18.194	ug/l	97
55) 1,1,2-Trichloroethane	8.394	97	50512	19.401	ug/l	99
56) Ethyl methacrylate	8.330	69	68794	18.114	ug/l	100
57) 1,3-Dichloropropane	8.571	76	88144	19.141	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.459	63	7526	55.708	ug/l	100
59) 2-Hexanone	8.684	43	262566	89.067	ug/l	99
60) Dibromochloromethane	8.806	129	53916	19.829	ug/l	99
61) 1,2-Dibromoethane	8.918	107	54398	20.601	ug/l	96
64) Tetrachloroethene	8.549	164	42033	20.472	ug/l	95
65) Chlorobenzene	9.443	112	128546	19.233	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.529	131	48576	20.005	ug/l	98
67) Ethyl Benzene	9.565	91	219600	19.043	ug/l	100
68) m/p-Xylenes	9.690	106	177017	40.549	ug/l	99
69) o-Xylene	10.095	106	84241	20.272	ug/l	96
70) Styrene	10.111	104	138205	19.860	ug/l	100
71) Bromoform	10.288	173	40586	19.784	ug/l #	98
73) Isopropylbenzene	10.481	105	219283	19.526	ug/l	100
74) N-amyl acetate	10.317	43	80430	16.040	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.777	83	82758	17.562	ug/l	99
76) 1,2,3-Trichloropropane	10.819	75	87665	17.038	ug/l	98
77) Bromobenzene	10.777	156	54040	19.165	ug/l	99
78) n-propylbenzene	10.902	91	259183	19.074	ug/l	99
79) 2-Chlorotoluene	10.979	91	158622	19.029	ug/l	99
80) 1,3,5-Trimethylbenzene	11.082	105	186455	19.696	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.542	75	21667	16.269	ug/l	96
82) 4-Chlorotoluene	11.092	91	184832	19.521	ug/l	99
83) tert-Butylbenzene	11.417	119	181014	19.175	ug/l	99
84) 1,2,4-Trimethylbenzene	11.462	105	187055	20.055	ug/l	100
85) sec-Butylbenzene	11.639	105	230462	19.418	ug/l	100
86) p-Isopropyltoluene	11.790	119	193998	19.918	ug/l	99
87) 1,3-Dichlorobenzene	11.741	146	105434	19.387	ug/l	100
88) 1,4-Dichlorobenzene	11.832	146	104475	18.832	ug/l	99
89) n-Butylbenzene	12.204	91	155759	17.737	ug/l	99
90) Hexachloroethane	12.468	117	34614	18.224	ug/l	99
91) 1,2-Dichlorobenzene	12.208	146	104387	19.378	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.992	75	16922	16.816	ug/l	100
93) 1,2,4-Trichlorobenzene	13.835	180	58654	18.570	ug/l	100
94) Hexachlorobutadiene	14.015	225	32451	19.317	ug/l	99
95) Naphthalene	14.082	128	168407	17.863	ug/l	99
96) 1,2,3-Trichlorobenzene	14.323	180	59629	18.811	ug/l	98

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

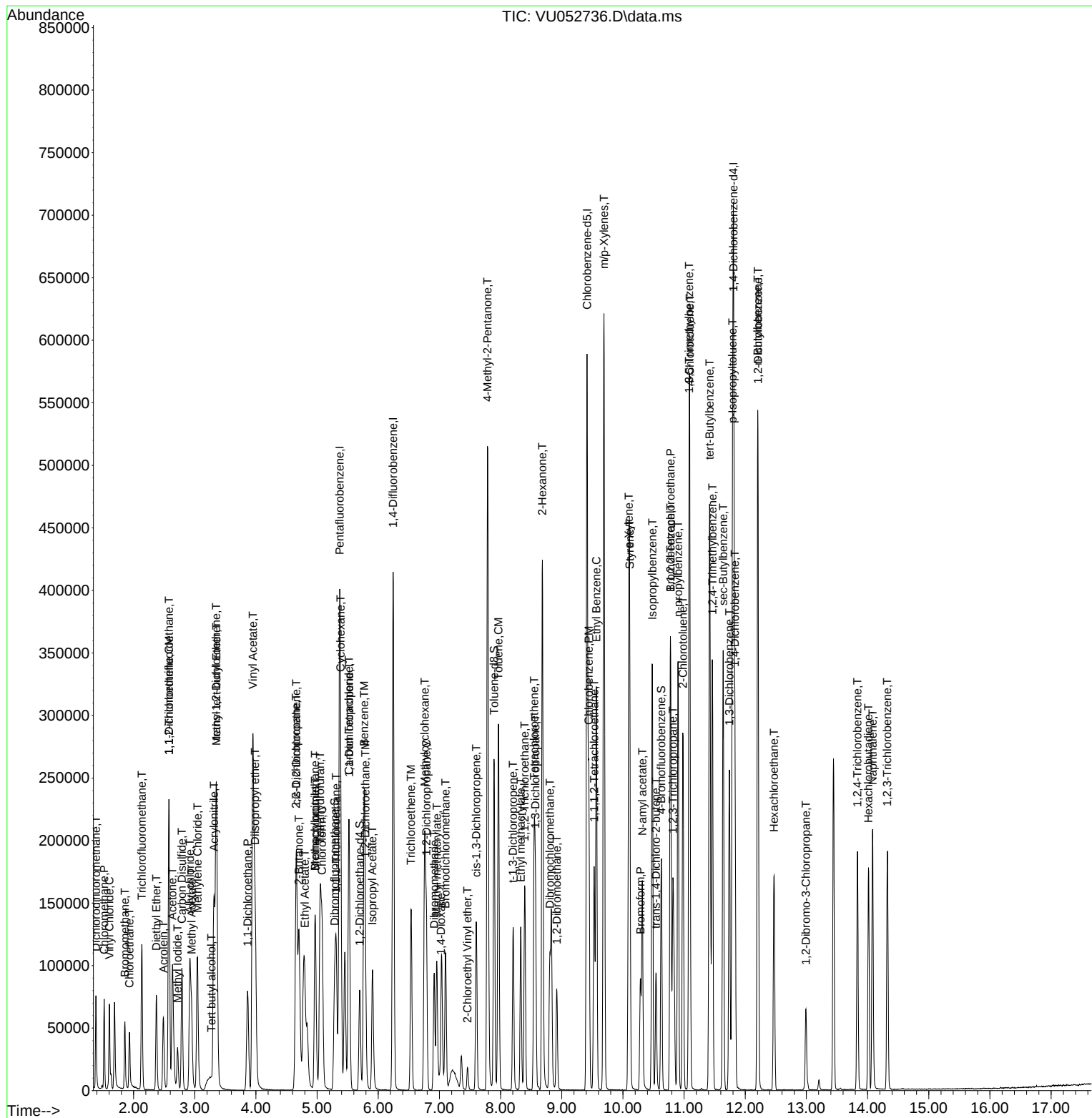
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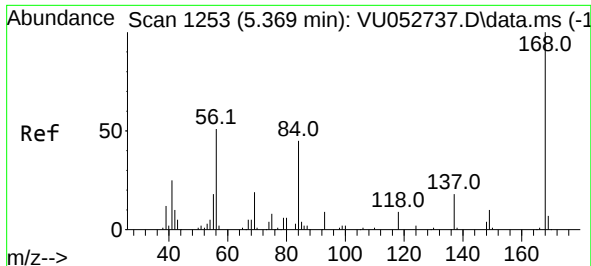
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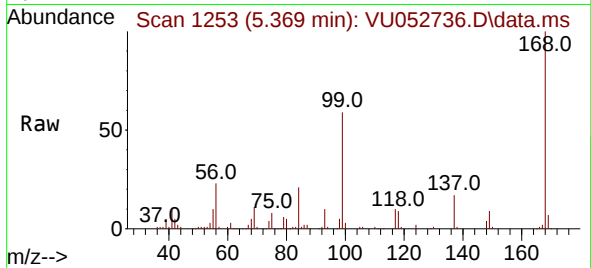
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU052736.D
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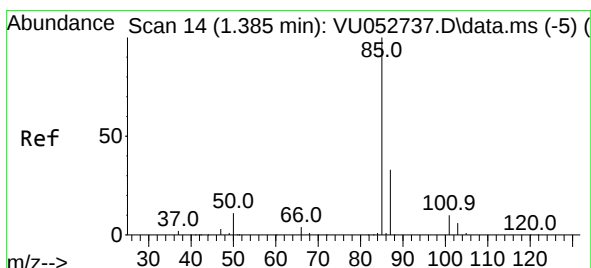
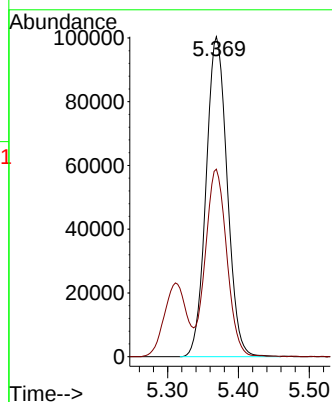
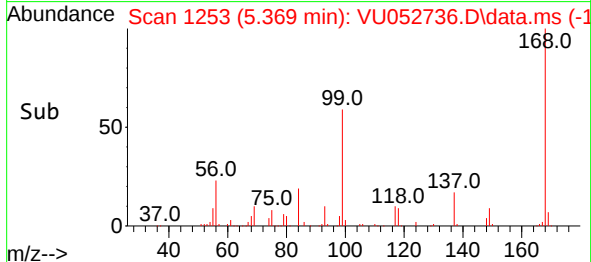
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 207260
Ion Ratio Lower Upper
168 100
99 58.4 46.4 69.6

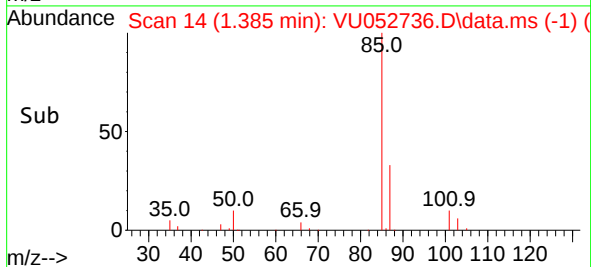
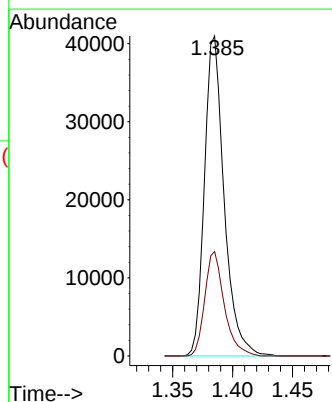
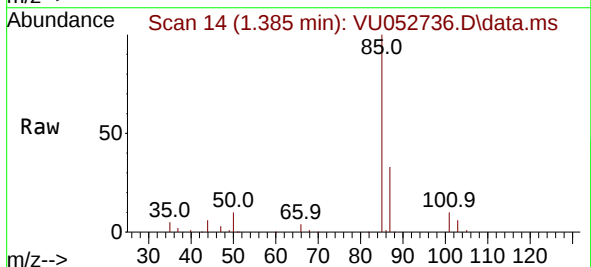
Manual Integrations
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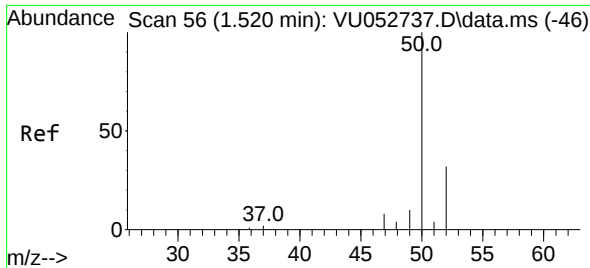
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#2
Dichlorodifluoromethane
Concen: 18.343 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Tgt Ion: 85 Resp: 46829
Ion Ratio Lower Upper
85 100
87 32.7 16.6 49.7





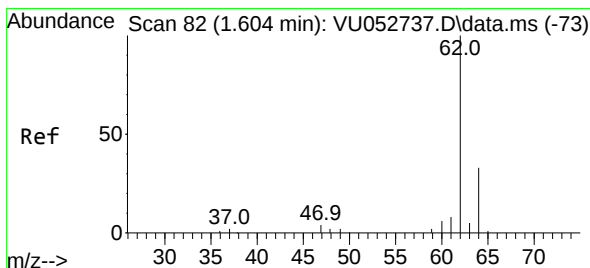
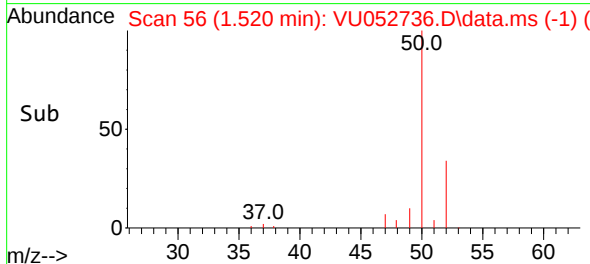
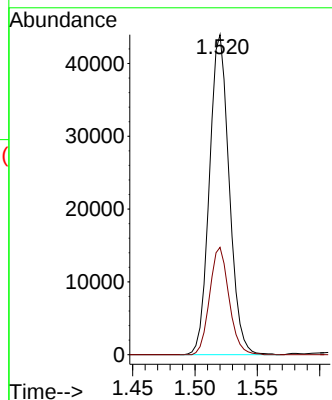
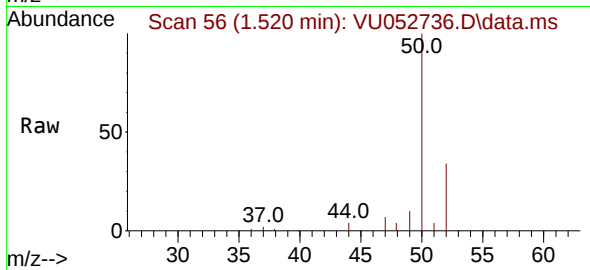
#3
Chloromethane
Concen: 13.510 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 48510
Ion Ratio Lower Upper
50 100
52 33.5 25.8 38.6

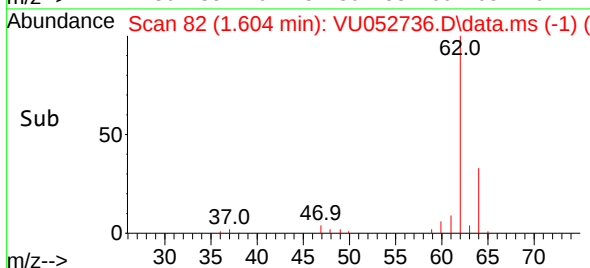
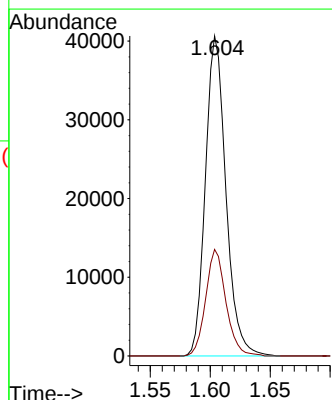
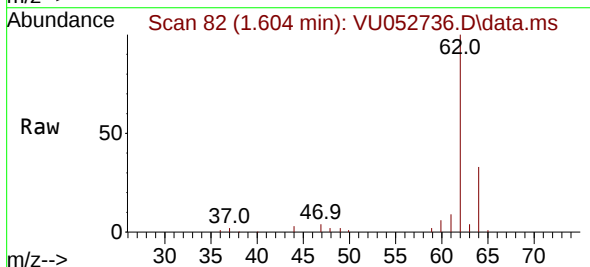
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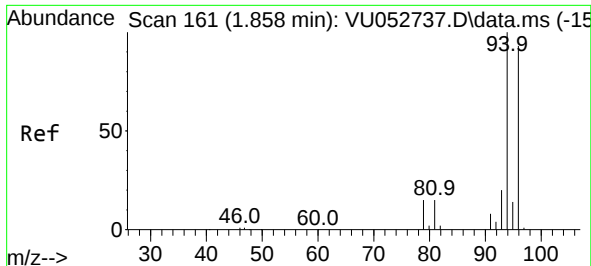
Reviewed By :John Carlone 01/20/2023
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#4
Vinyl Chloride
Concen: 15.389 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

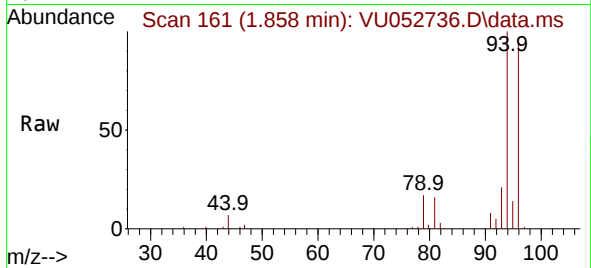
Tgt Ion: 62 Resp: 48403
Ion Ratio Lower Upper
62 100
64 33.3 26.1 39.1





#5
Bromomethane
Concen: 13.243 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

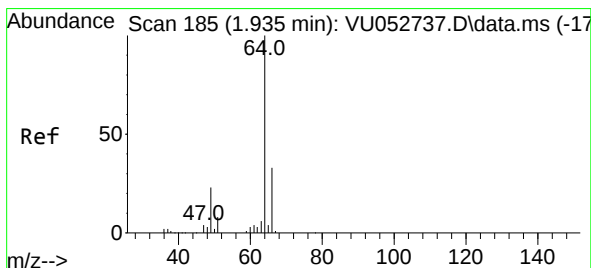
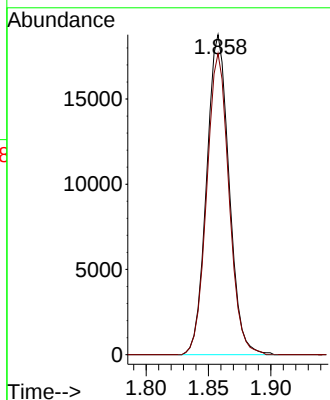
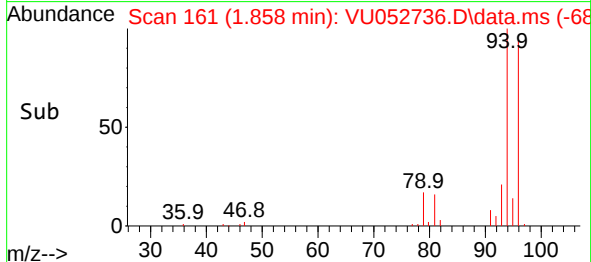
Instrument :
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Tgt Ion: 94 Resp: 23602
Ion Ratio Lower Upper
94 100
96 94.2 74.3 111.5

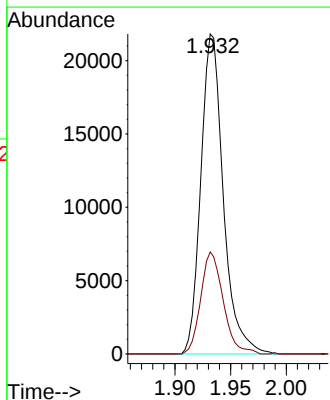
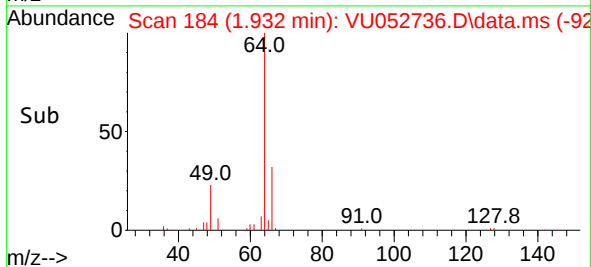
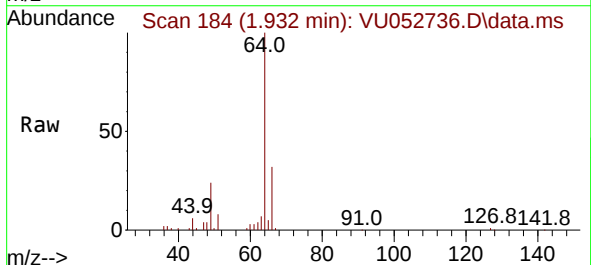
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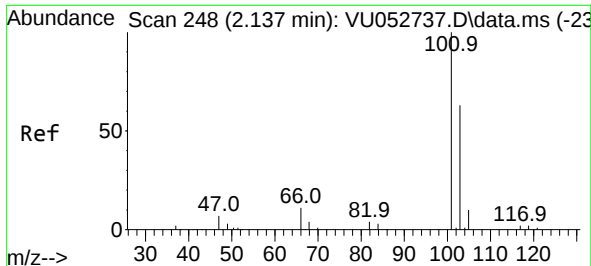
Reviewed By :John Carlone 01/20/2023
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#6
Chloroethane
Concen: 16.087 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

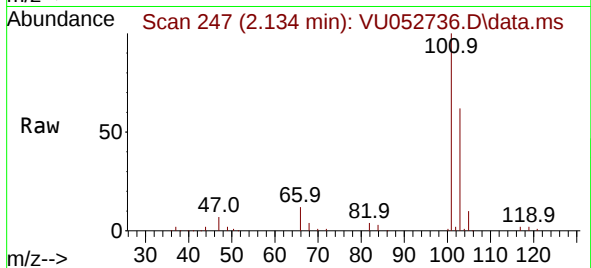
Tgt Ion: 64 Resp: 30629
Ion Ratio Lower Upper
64 100
66 31.9 26.1 39.1





#7
Trichlorofluoromethane
Concen: 18.916 ug/l
RT: 2.134 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

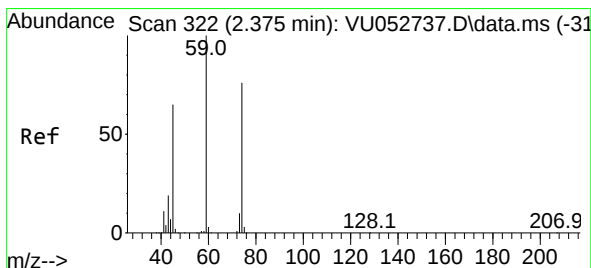
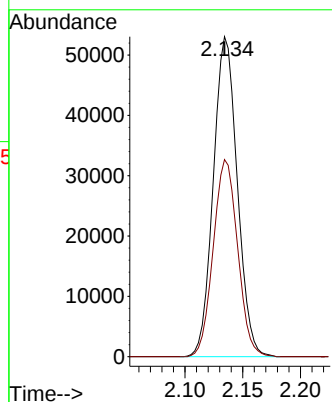
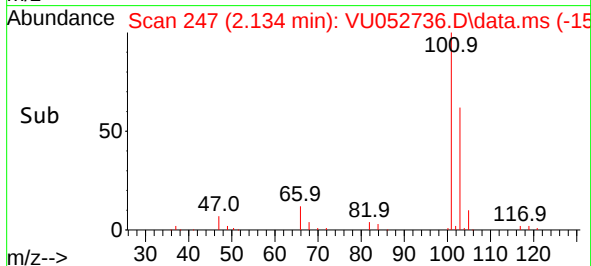
Instrument :
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Tgt Ion:101 Resp: 7670
Ion Ratio Lower Upper
101 100
103 61.6 50.7 76.1

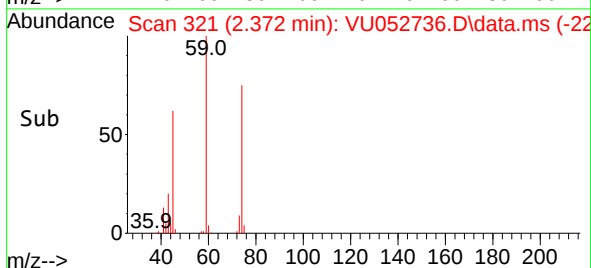
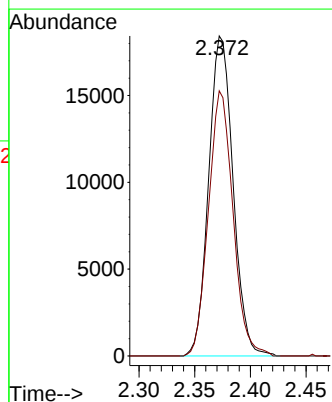
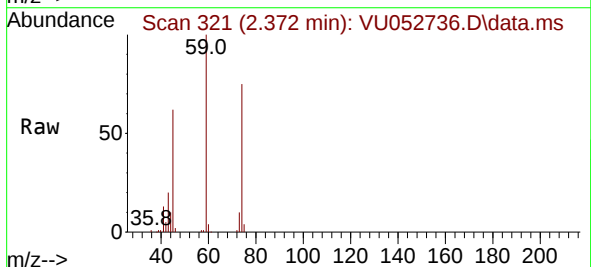
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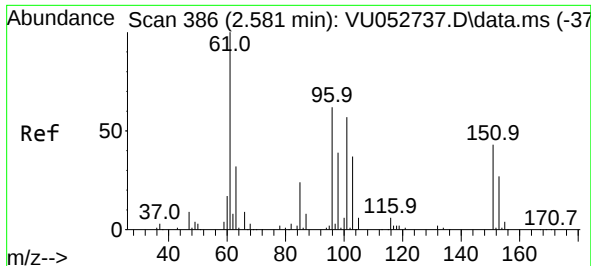
Reviewed By :John Carlone 01/20/2023
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#8
Diethyl Ether
Concen: 17.107 ug/l
RT: 2.372 min Scan# 321
Delta R.T. -0.003 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Tgt Ion: 74 Resp: 28088
Ion Ratio Lower Upper
74 100
45 83.4 42.4 127.3





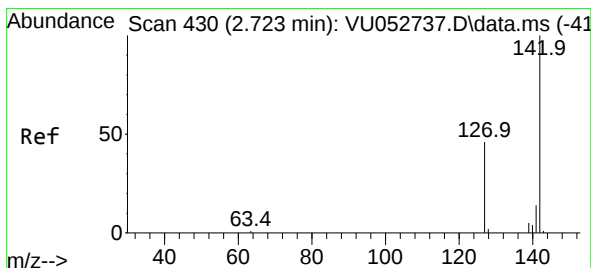
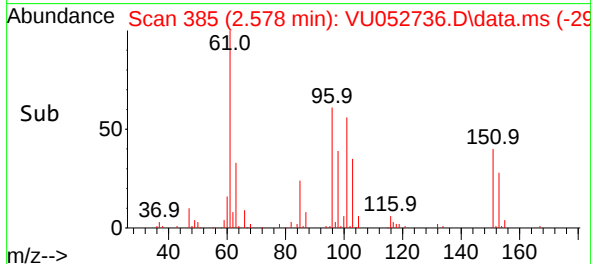
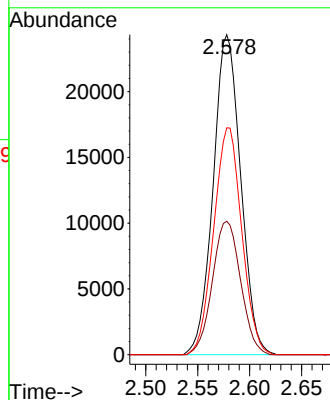
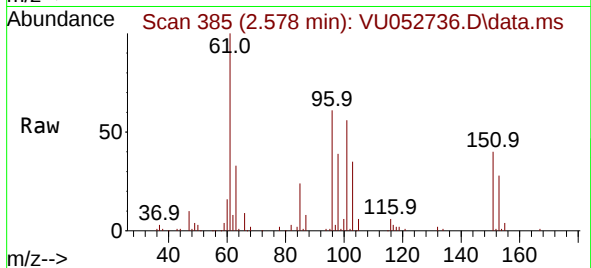
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.671 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 44908
Ion Ratio Lower Upper
101 100
85 42.7 35.1 52.7
151 72.3 61.9 92.9

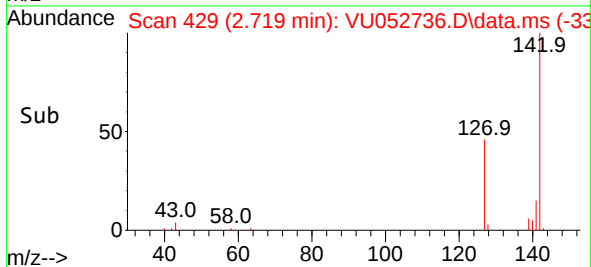
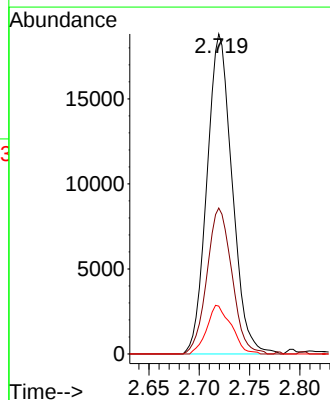
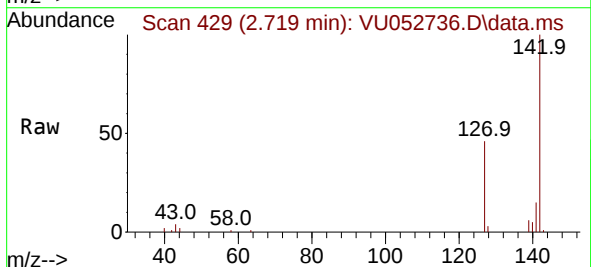
Manual Integrations
APPROVED

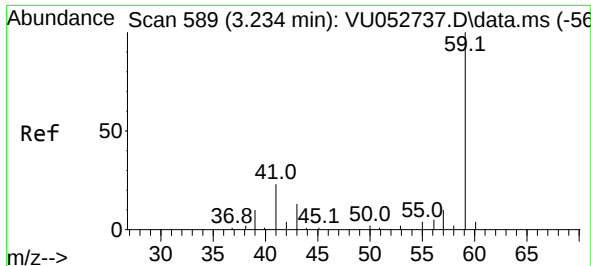
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#10
Methyl Iodide
Concen: 13.555 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.003 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Tgt Ion:142 Resp: 32770
Ion Ratio Lower Upper
142 100
127 45.2 36.3 54.5
141 14.8 11.8 17.6





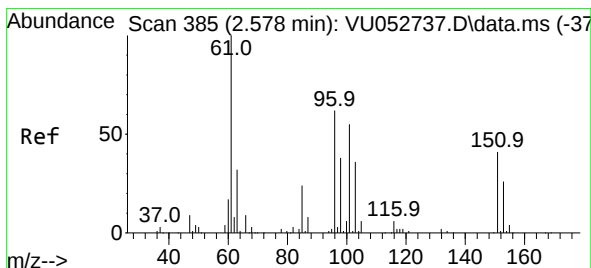
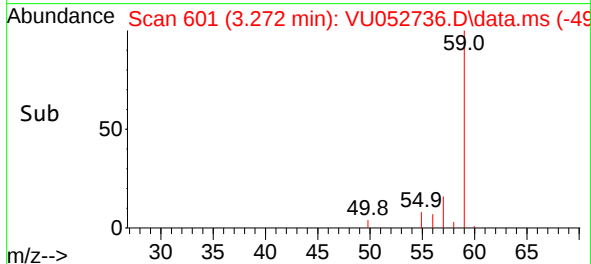
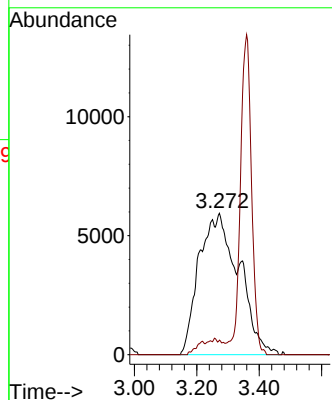
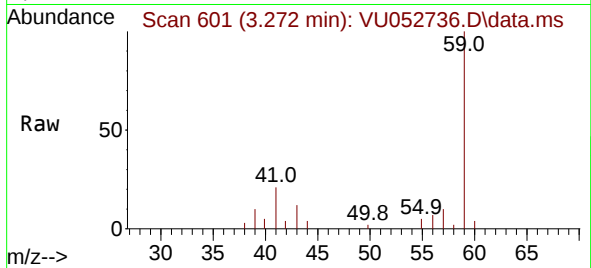
#11
Tert butyl alcohol
Concen: 82.864 ug/l m
RT: 3.272 min Scan# 601
Delta R.T. 0.039 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 5273
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6

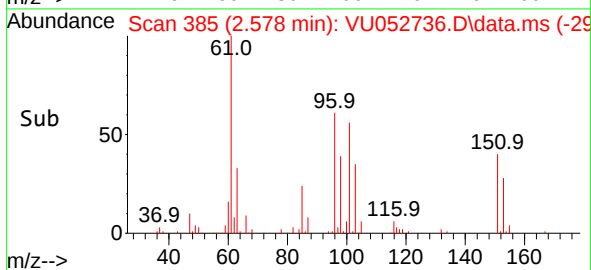
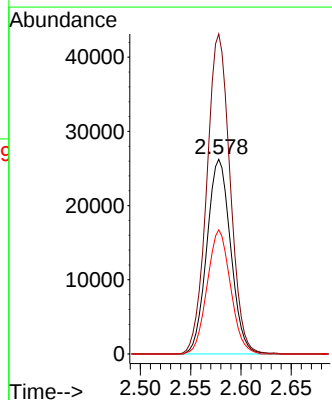
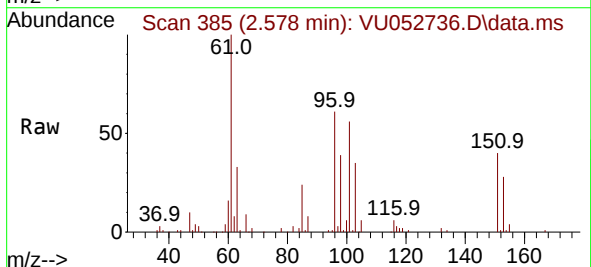
Manual Integrations
APPROVED

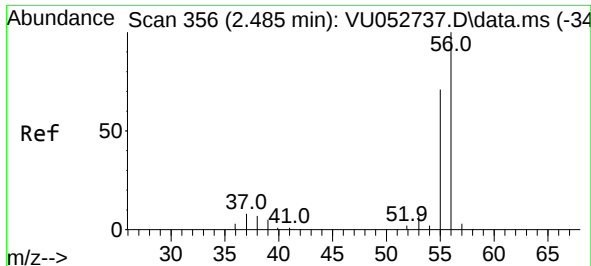
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#12
1,1-Dichloroethene
Concen: 18.266 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Tgt Ion: 96 Resp: 43305
Ion Ratio Lower Upper
96 100
61 164.3 129.8 194.6
98 63.7 49.9 74.9





#13

Acrolein

Concen: 63.045 ug/l

RT: 2.488 min Scan# 356

Delta R.T. 0.003 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

Tgt Ion: 56 Resp: 46379

Ion Ratio Lower Upper

56 100

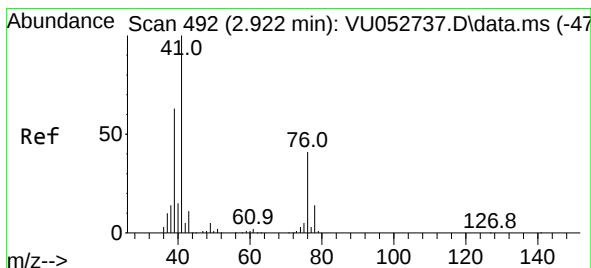
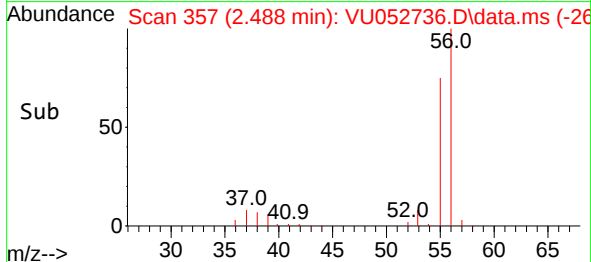
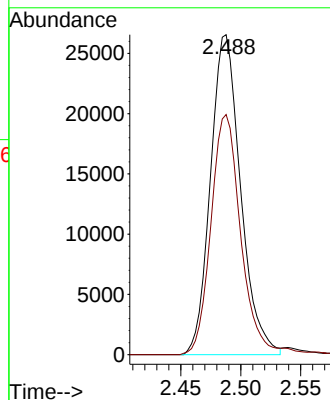
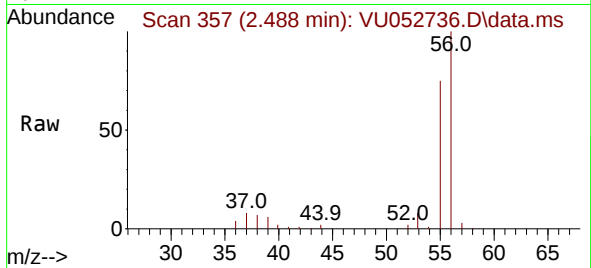
55 74.5 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#14

Allyl chloride

Concen: 15.279 ug/l

RT: 2.922 min Scan# 492

Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

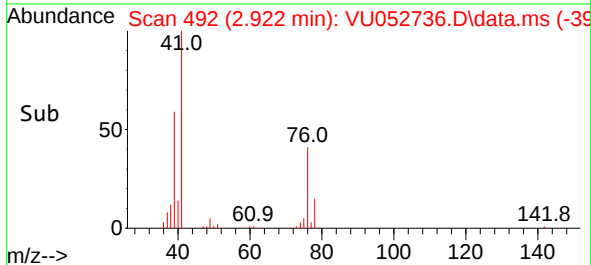
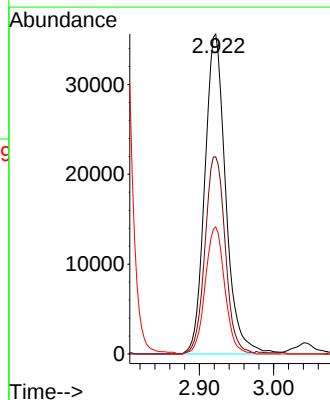
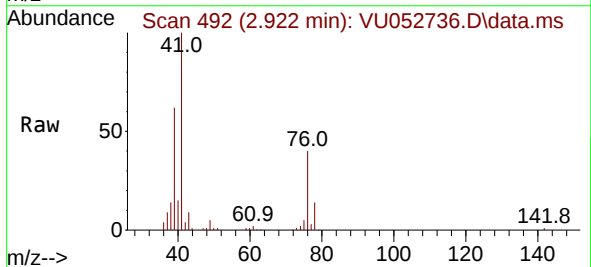
Tgt Ion: 41 Resp: 69819

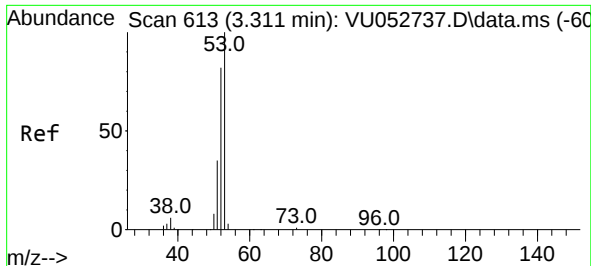
Ion Ratio Lower Upper

41 100

39 59.6 48.2 72.2

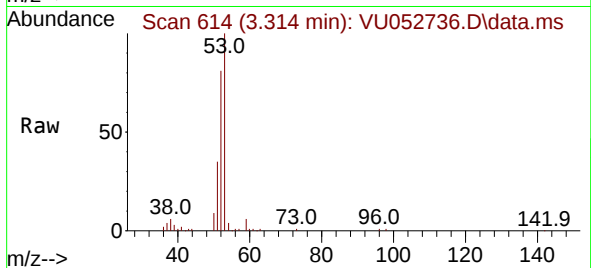
76 37.0 29.4 44.0





#15
Acrylonitrile
Concen: 81.948 ug/l
RT: 3.314 min Scan# 613
Delta R.T. 0.003 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

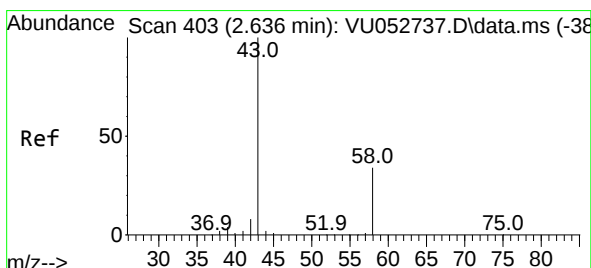
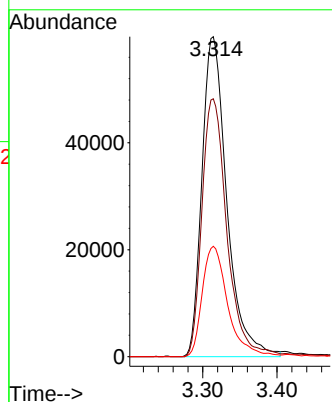
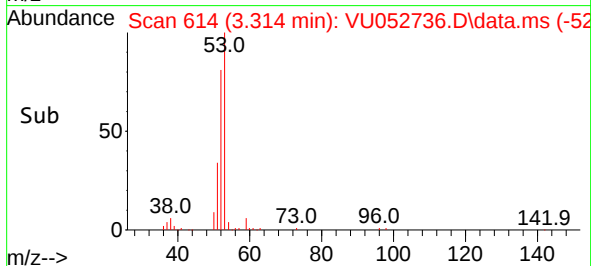
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



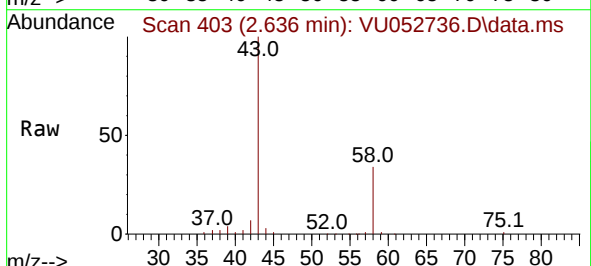
Tgt Ion: 53 Resp: 13935
Ion Ratio Lower Upper
53 100
52 80.8 64.9 97.3
51 35.4 27.6 41.4

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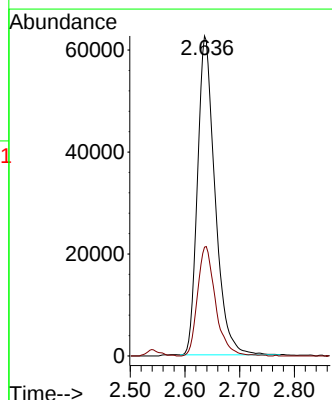
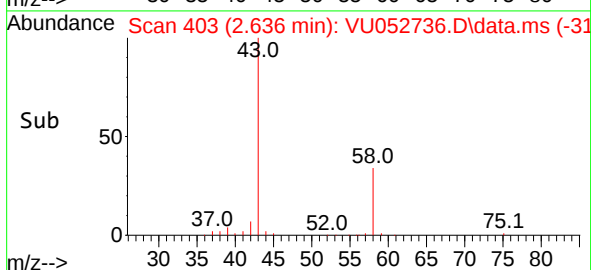
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

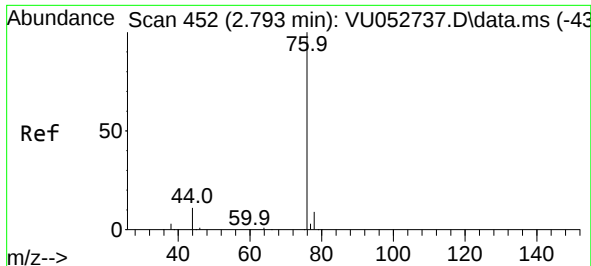


#16
Acetone
Concen: 84.288 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45



Tgt Ion: 43 Resp: 139205
Ion Ratio Lower Upper
43 100
58 34.1 27.1 40.7





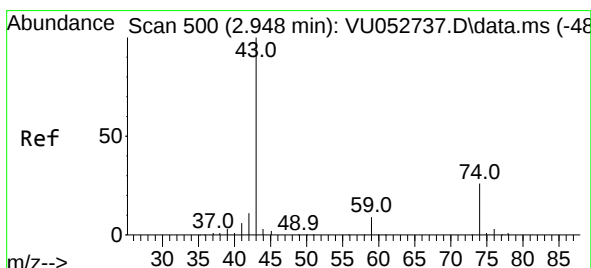
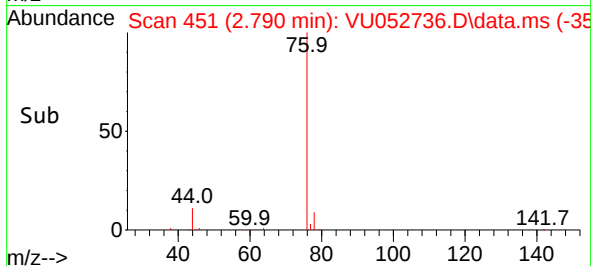
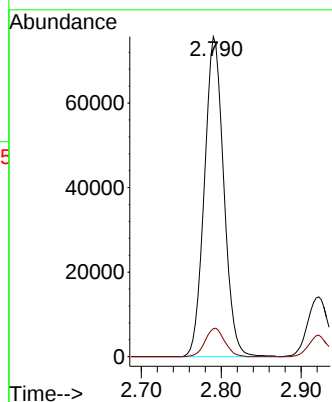
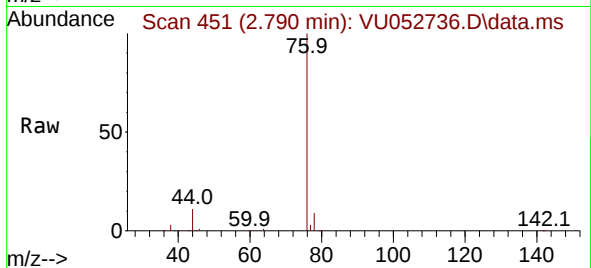
#17
Carbon Disulfide
Concen: 17.135 ug/l
RT: 2.790 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 12766
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2

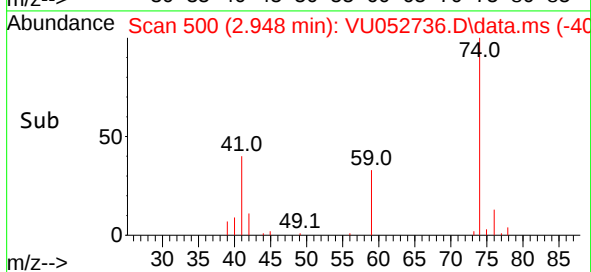
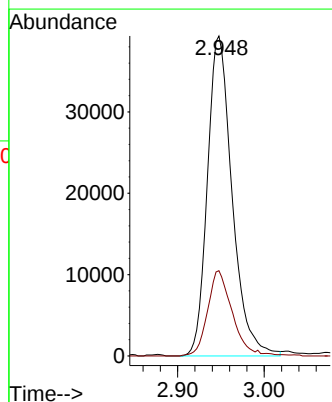
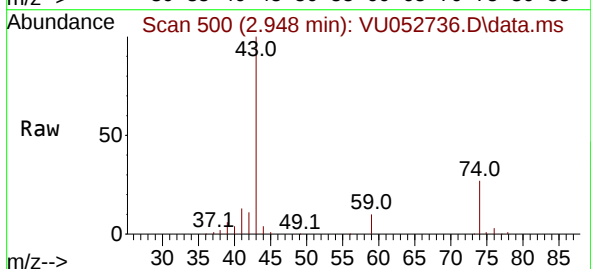
Manual Integrations
APPROVED

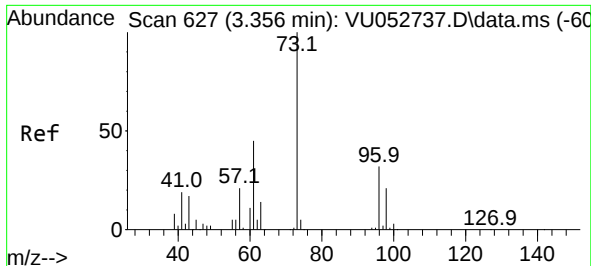
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#18
Methyl Acetate
Concen: 16.326 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Tgt Ion: 43 Resp: 78140
Ion Ratio Lower Upper
43 100
74 26.8 21.1 31.7





#19

Methyl tert-butyl Ether

Concen: 17.851 ug/l

RT: 3.356 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

Tgt Ion: 73 Resp: 14660

Ion Ratio Lower Upper

73 100

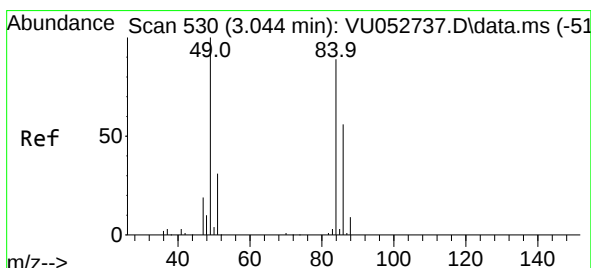
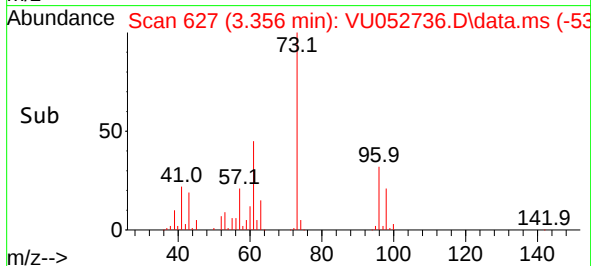
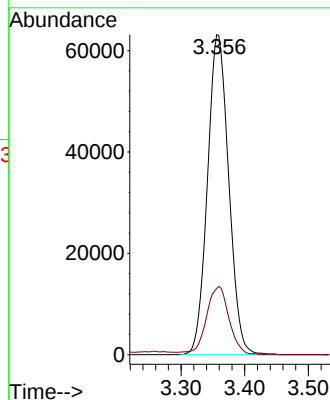
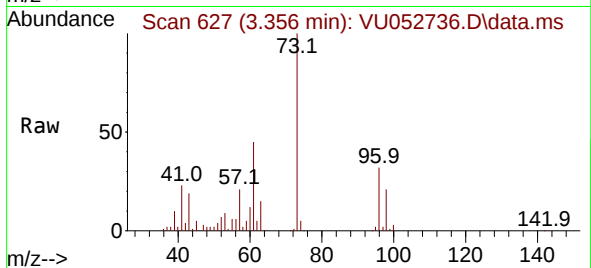
57 20.7 16.9 25.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#20

Methylene Chloride

Concen: 15.292 ug/l

RT: 3.044 min Scan# 530

Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Tgt Ion: 84 Resp: 53665

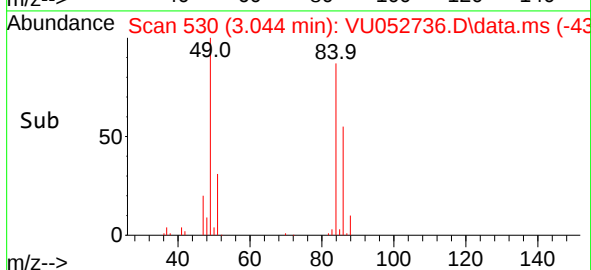
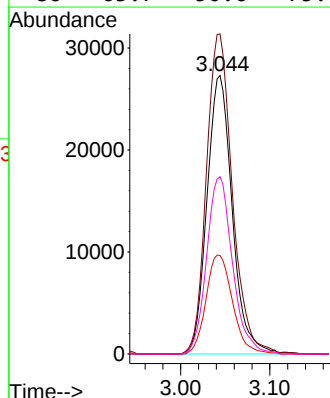
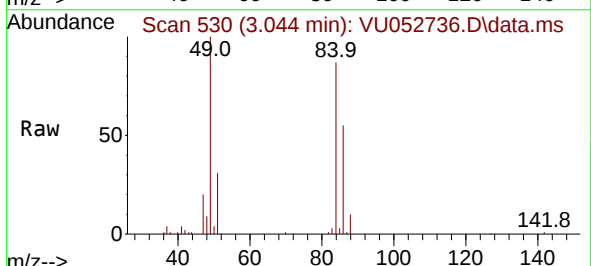
Ion Ratio Lower Upper

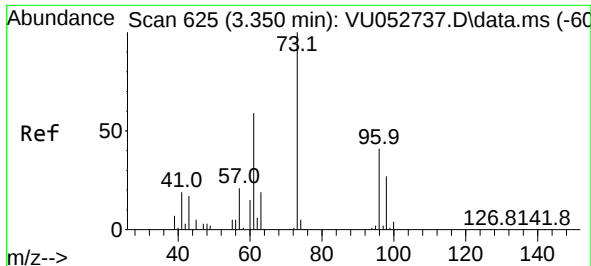
84 100

49 114.9 90.2 135.4

51 35.3 28.1 42.1

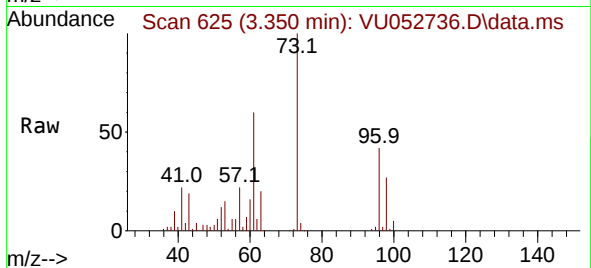
86 63.7 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 18.224 ug/l
RT: 3.350 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

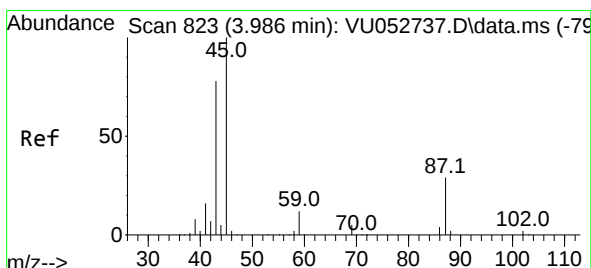
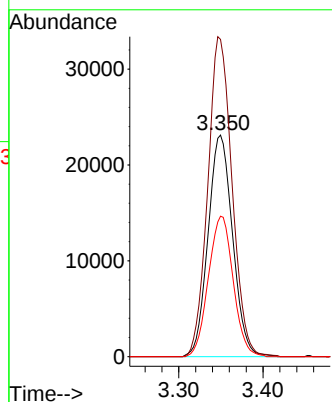
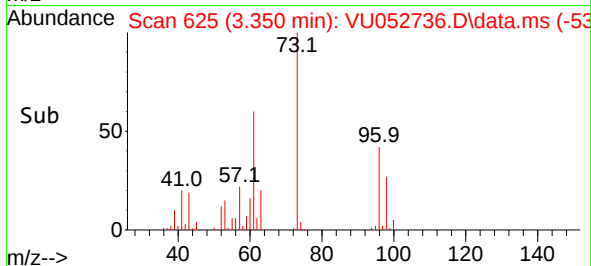
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



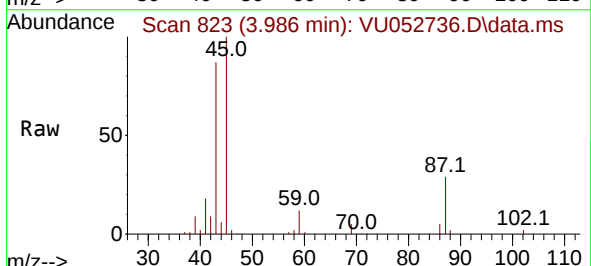
Tgt Ion: 96 Resp: 46808
Ion Ratio Lower Upper
96 100
61 143.2 114.7 172.1
98 63.4 52.4 78.6

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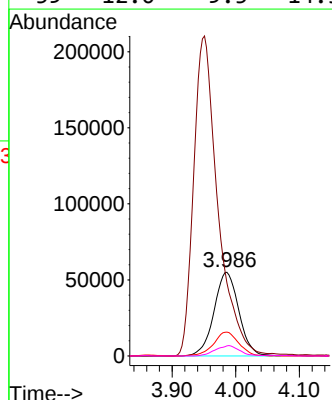
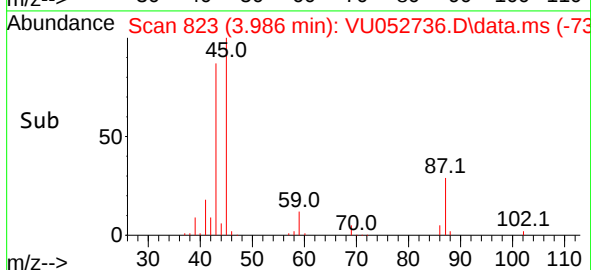
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

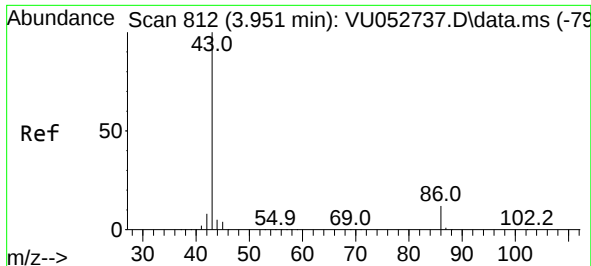


#22
Diisopropyl ether
Concen: 16.899 ug/l
RT: 3.986 min Scan# 823
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45



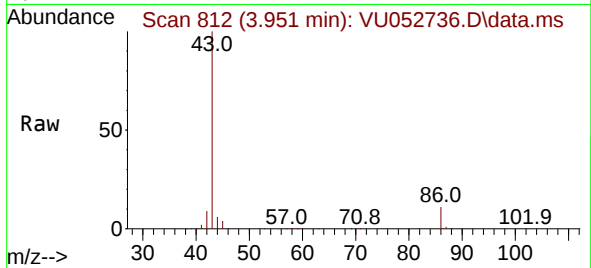
Tgt Ion: 45 Resp: 149055
Ion Ratio Lower Upper
45 100
43 85.3 64.6 97.0
87 28.6 23.2 34.8
59 12.0 9.5 14.3





#23
 Vinyl Acetate
 Concen: 81.004 ug/l
 RT: 3.951 min Scan# 812
 Delta R.T. 0.000 min
 Lab File: VU052736.D
 Acq: 19 Jan 2023 13:45

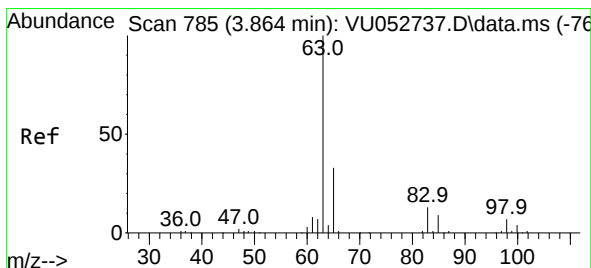
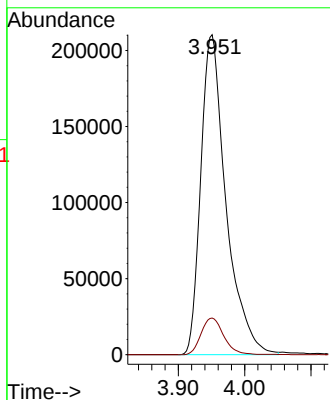
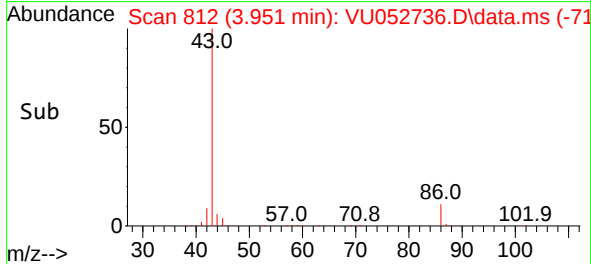
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC020



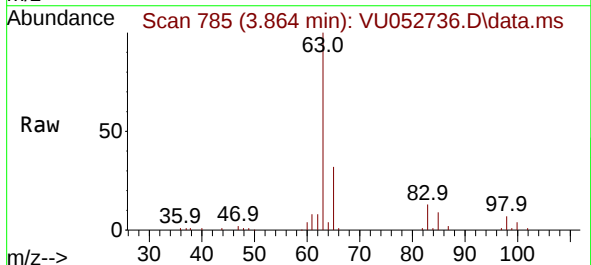
Tgt Ion: 43 Resp: 555680
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.4 14.0

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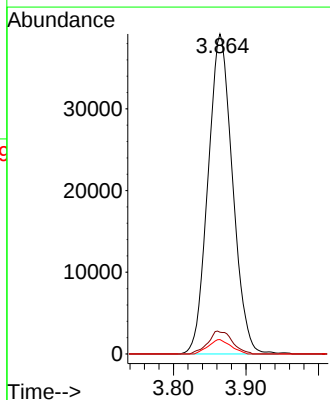
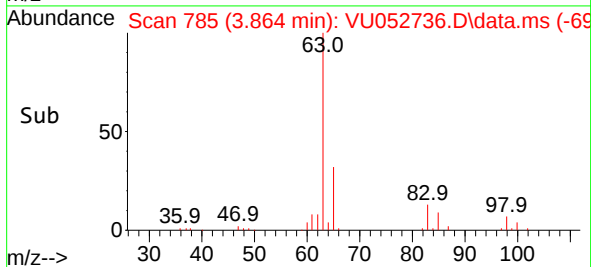
Reviewed By :John Carlone 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023

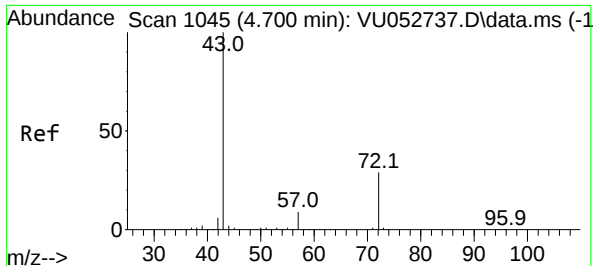


#24
 1,1-Dichloroethane
 Concen: 17.550 ug/l
 RT: 3.864 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VU052736.D
 Acq: 19 Jan 2023 13:45



Tgt Ion: 63 Resp: 91992
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.9
 100 4.5 2.2 6.6





#25

2-Butanone

Concen: 81.538 ug/l

RT: 4.703 min Scan# 1046

Delta R.T. 0.003 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 18412

Ion Ratio Lower Upper

43 100

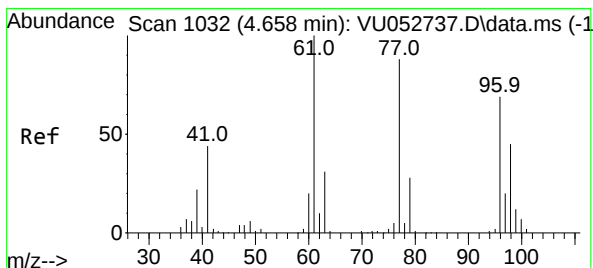
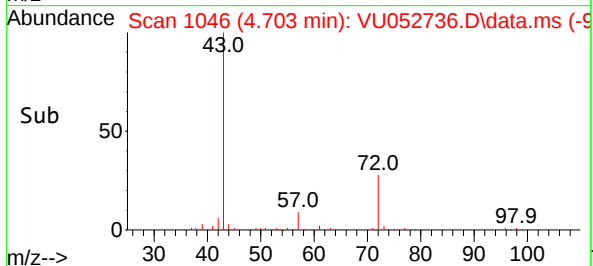
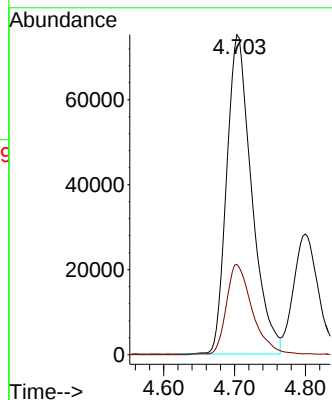
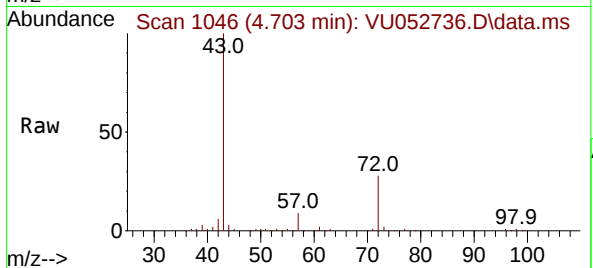
72 28.3 23.3 34.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#26

2,2-Dichloropropane

Concen: 17.870 ug/l

RT: 4.658 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VU052736.D

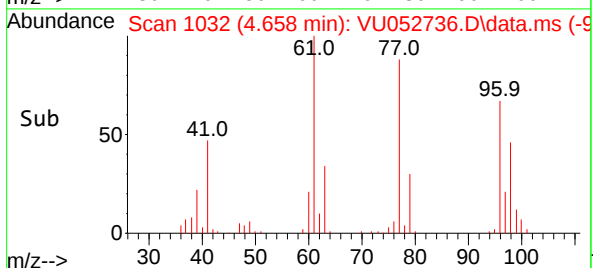
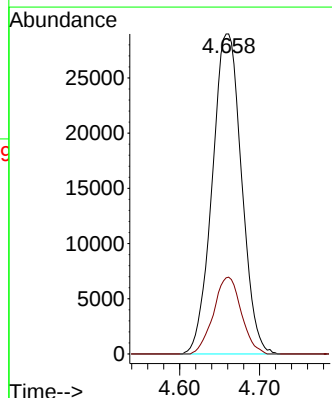
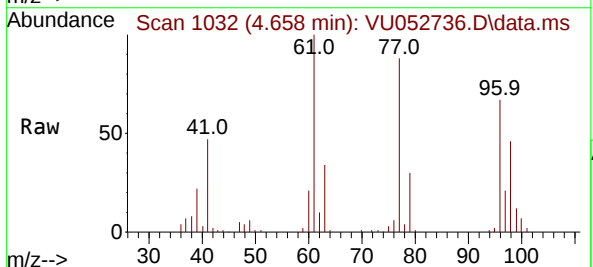
Acq: 19 Jan 2023 13:45

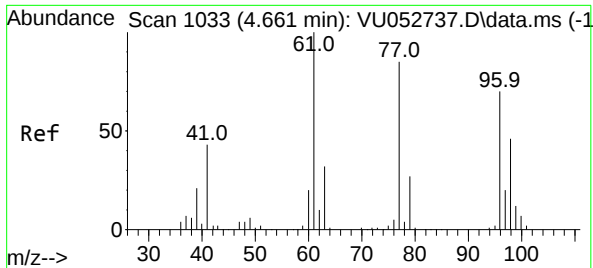
Tgt Ion: 77 Resp: 73695

Ion Ratio Lower Upper

77 100

97 22.7 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 17.902 ug/l
 RT: 4.661 min Scan# 1033
 Delta R.T. 0.000 min
 Lab File: VU052736.D
 Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

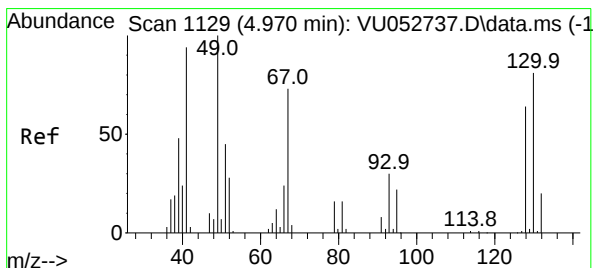
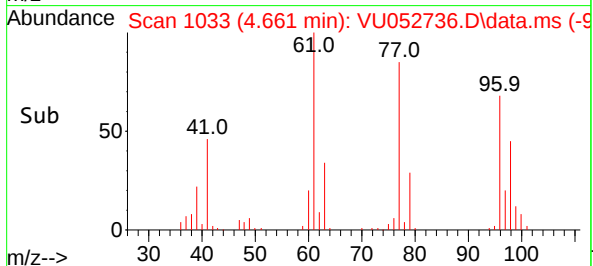
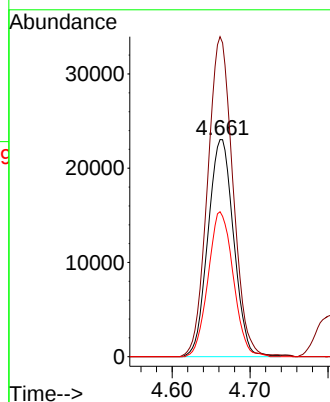
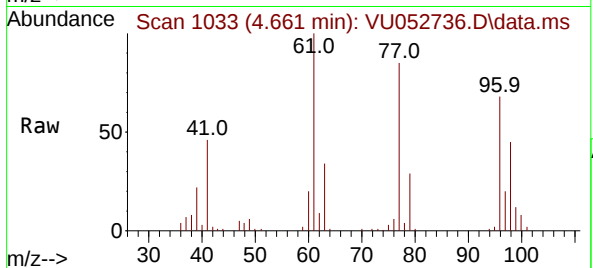
VSTDICC020

Tgt Ion: 96 Resp: 52738
 Ion Ratio Lower Upper
 96 100
 61 145.2 0.0 287.2
 98 65.3 0.0 128.4

Manual Integrations

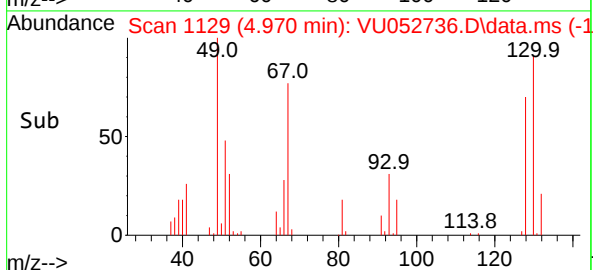
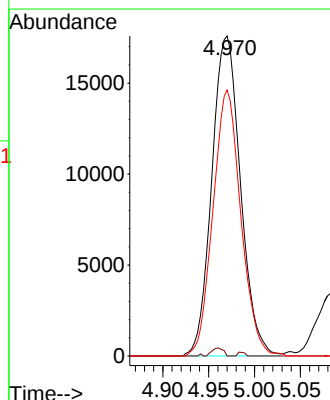
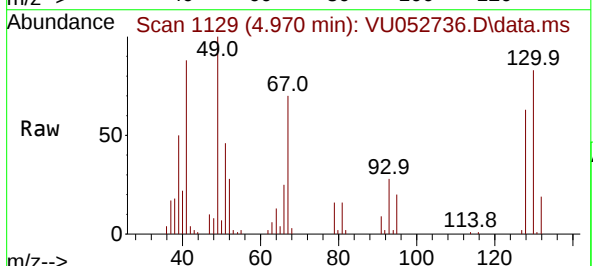
APPROVED

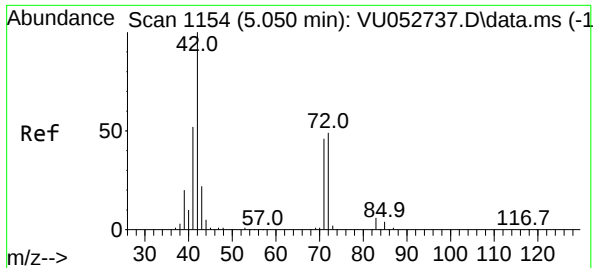
Reviewed By :John Carlone 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023



#28
 Bromochloromethane
 Concen: 16.078 ug/l
 RT: 4.970 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VU052736.D
 Acq: 19 Jan 2023 13:45

Tgt Ion: 49 Resp: 38298
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.6
 130 80.6 65.5 98.3





#29

Tetrahydrofuran

Concen: 80.144 ug/l

RT: 5.050 min Scan# 1154

Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

Tgt Ion: 42 Resp: 109335

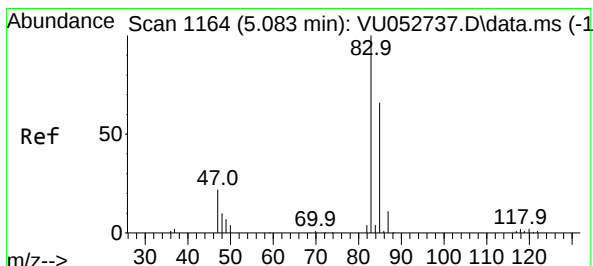
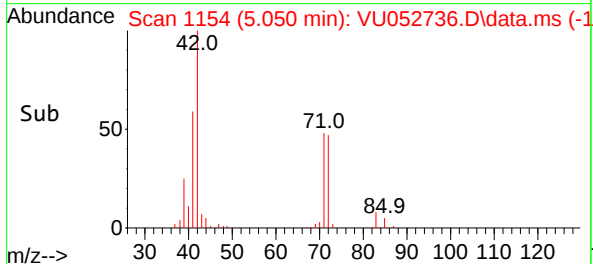
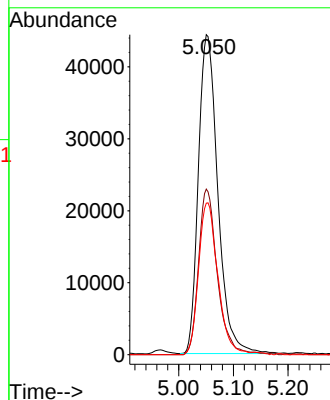
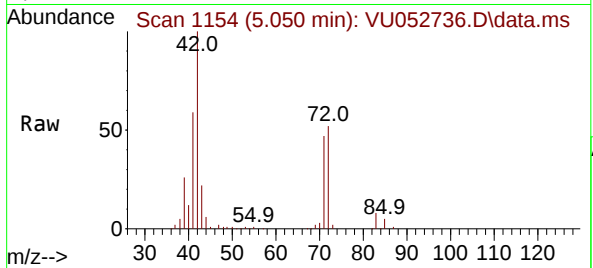
Ion	Ratio	Lower	Upper
42	100		
72	50.0	40.5	60.7
71	47.1	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#30

Chloroform

Concen: 17.572 ug/l

RT: 5.083 min Scan# 1164

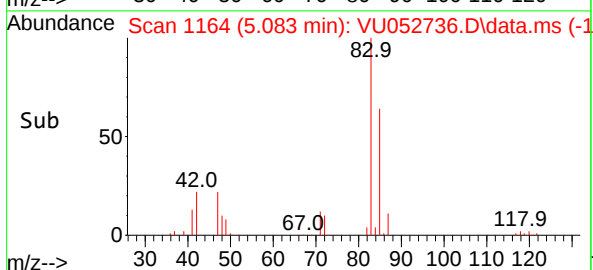
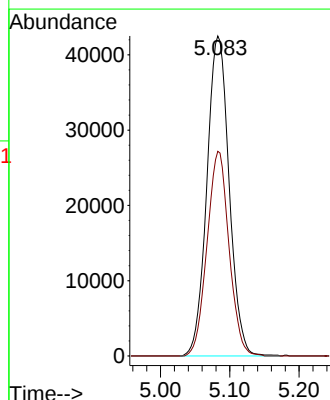
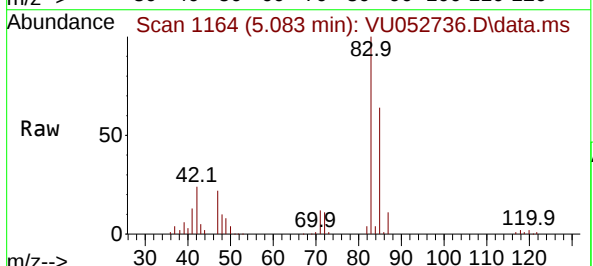
Delta R.T. 0.000 min

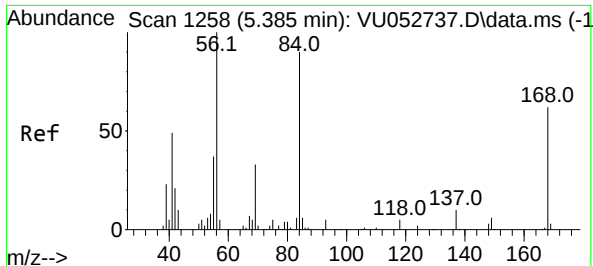
Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Tgt Ion: 83 Resp: 94716

Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.6	79.0





#31

Cyclohexane

Concen: 16.924 ug/l

RT: 5.385 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

Tgt Ion: 56 Resp: 82834

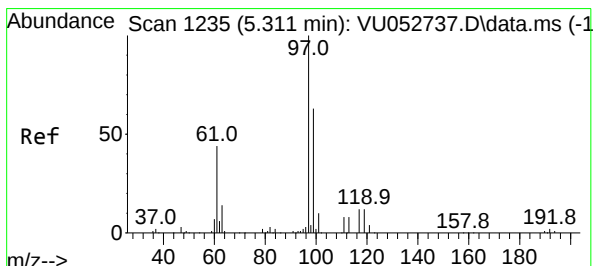
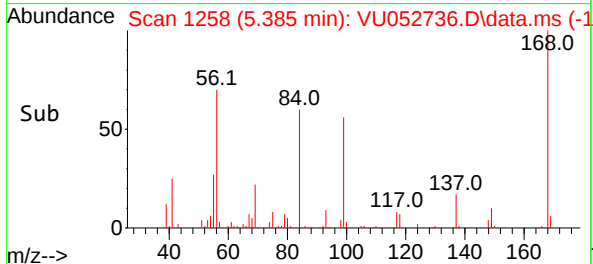
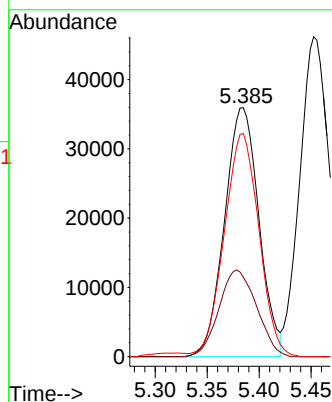
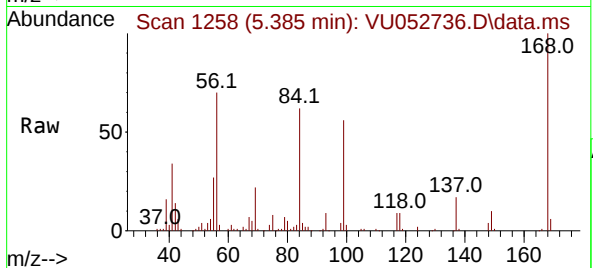
Ion	Ratio	Lower	Upper
56	100		
69	31.9	26.2	39.2
84	88.2	72.2	108.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#32

1,1,1-Trichloroethane

Concen: 18.939 ug/l

RT: 5.311 min Scan# 1235

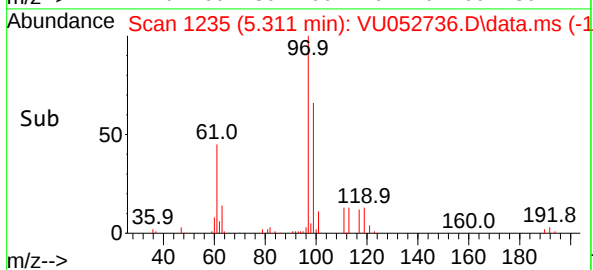
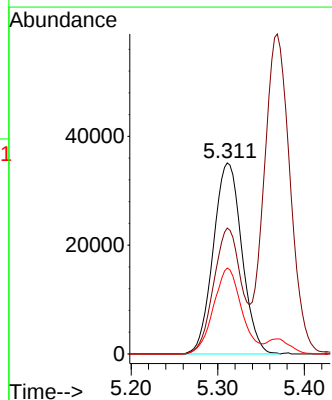
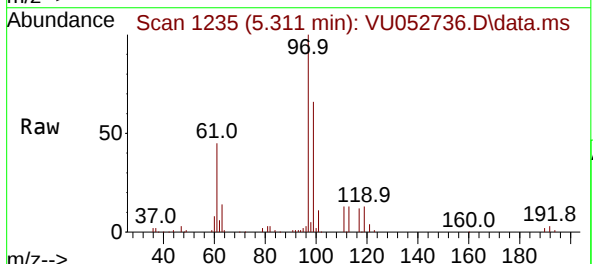
Delta R.T. 0.000 min

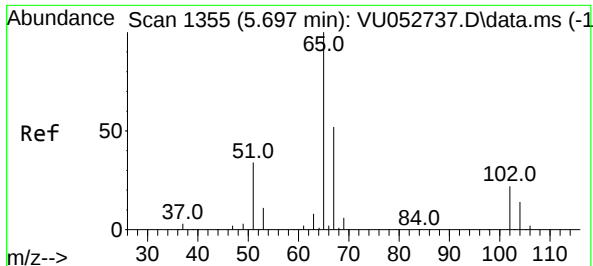
Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Tgt Ion: 97 Resp: 80436

Ion	Ratio	Lower	Upper
97	100		
99	63.2	50.5	75.7
61	44.7	35.1	52.7





#33

1,2-Dichloroethane-d4

Concen: 18.904 ug/l

RT: 5.697 min Scan# 1355

Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 61472

Ion Ratio Lower Upper

65 100

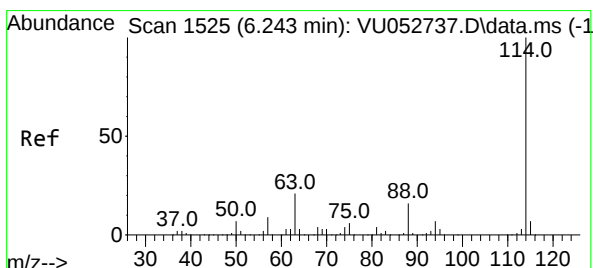
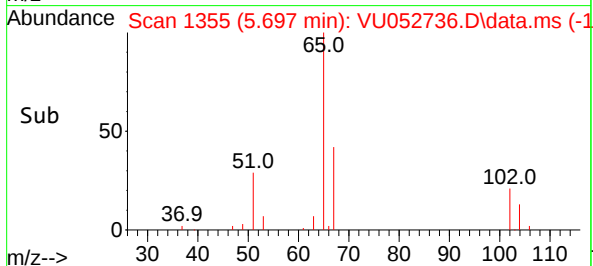
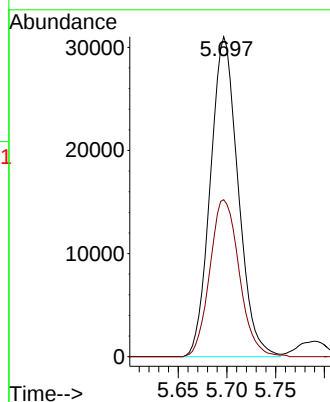
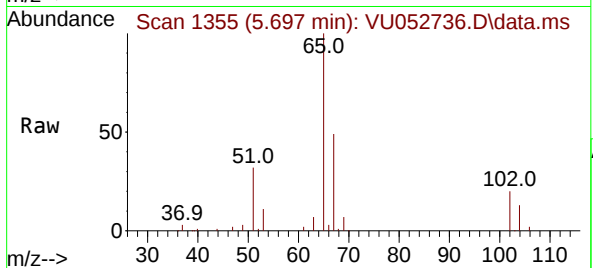
67 52.0 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.243 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

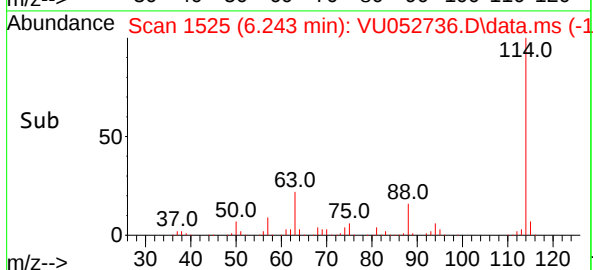
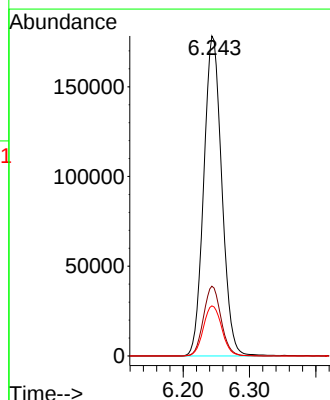
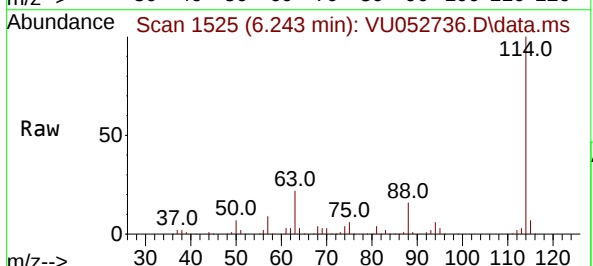
Tgt Ion:114 Resp: 336823

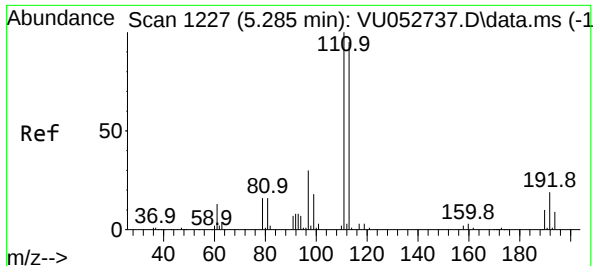
Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.4

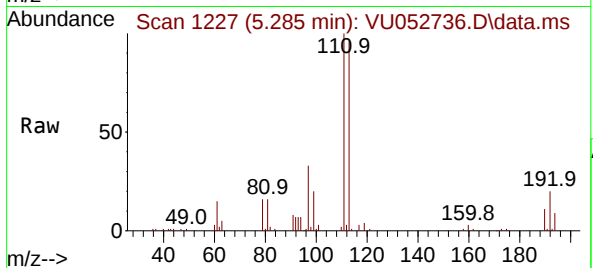
88 15.7 0.0 32.8





#35
Dibromofluoromethane
Concen: 20.095 ug/l
RT: 5.285 min Scan# 1113
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

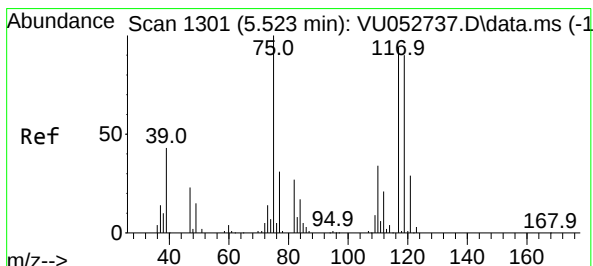
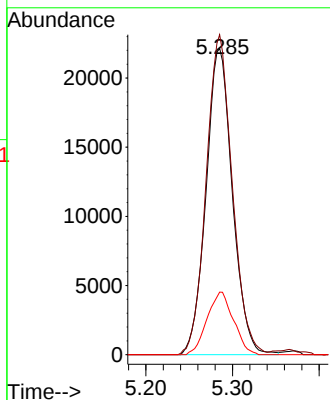
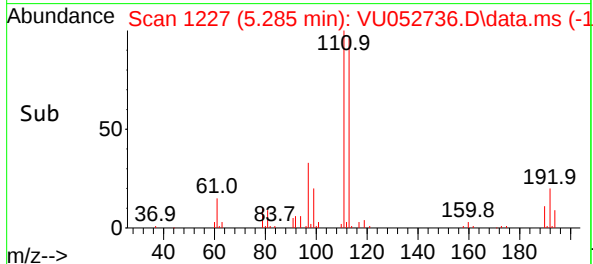
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



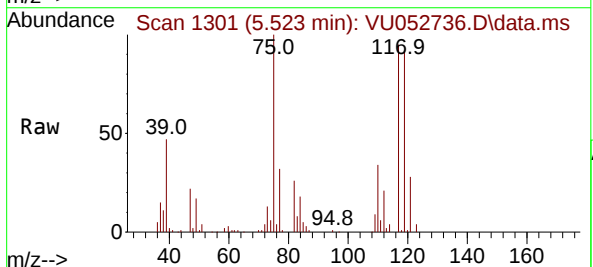
Tgt Ion: 113 Resp: 4678
Ion Ratio Lower Upper
113 100
111 103.3 81.2 121.8
192 20.5 15.7 23.5

Manual Integrations
APPROVED

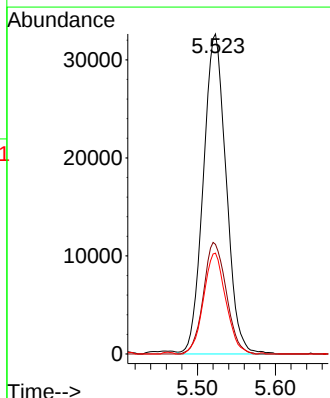
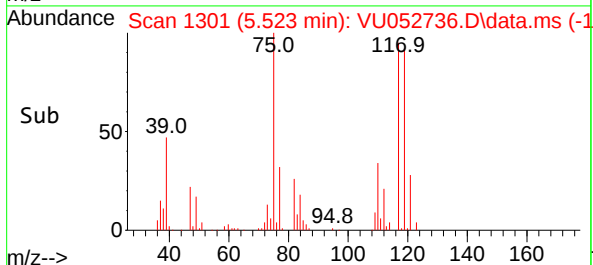
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

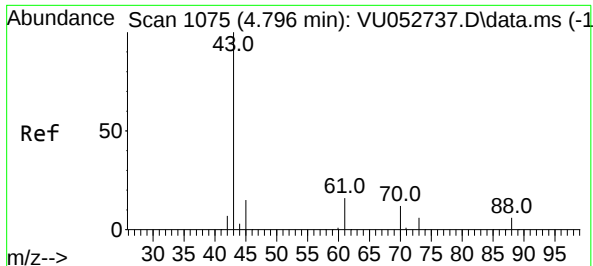


#36
1,1-Dichloropropene
Concen: 18.542 ug/l
RT: 5.523 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45



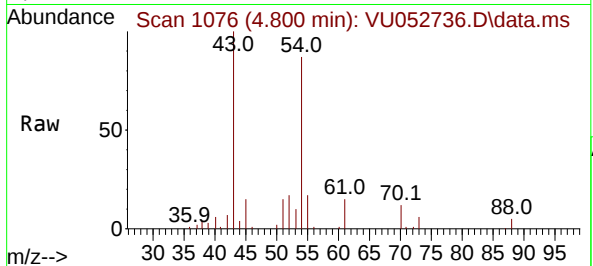
Tgt Ion: 75 Resp: 66538
Ion Ratio Lower Upper
75 100
110 34.8 17.1 51.2
77 30.7 25.0 37.4





#37
Ethyl Acetate
Concen: 15.326 ug/l
RT: 4.800 min Scan# 1075
Delta R.T. 0.003 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

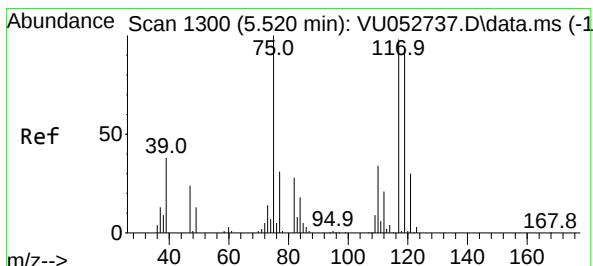
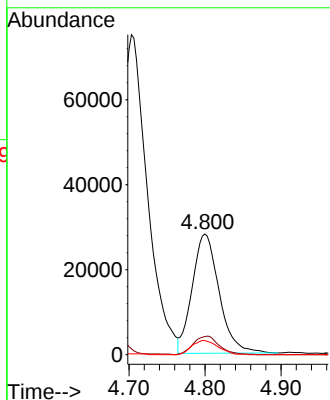
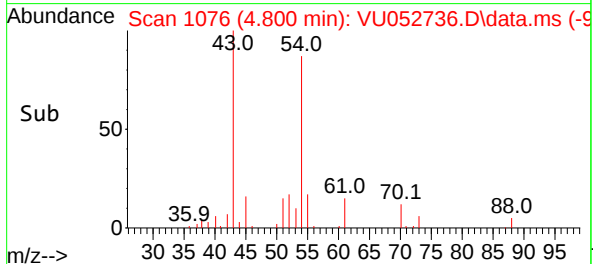
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 6922
Ion Ratio Lower Upper
43 100
61 15.0 12.2 18.4
70 11.5 8.9 13.3

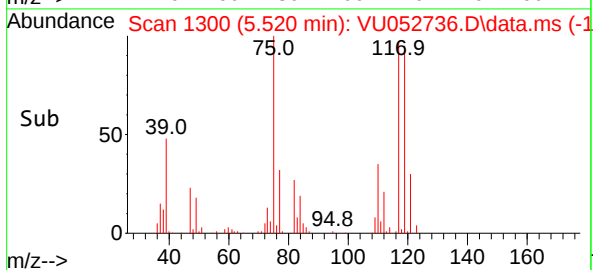
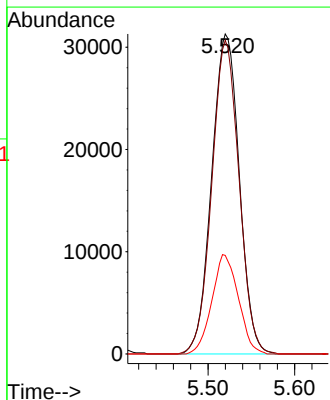
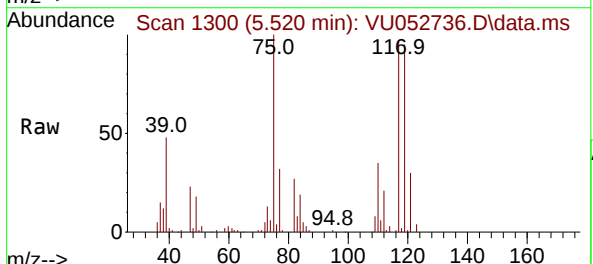
Manual Integrations
APPROVED

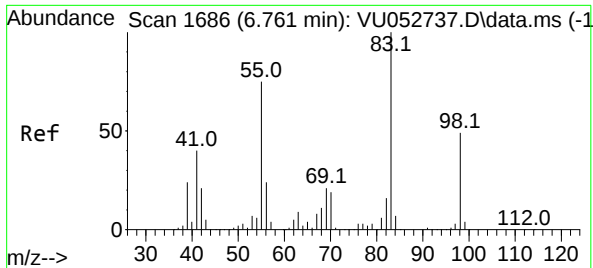
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#38
Carbon Tetrachloride
Concen: 20.457 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Tgt Ion:117 Resp: 69317
Ion Ratio Lower Upper
117 100
119 98.0 75.6 113.4
121 30.8 24.2 36.4





#39

Methylcyclohexane

Concen: 18.487 ug/l

RT: 6.761 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

Tgt Ion: 83 Resp: 76350

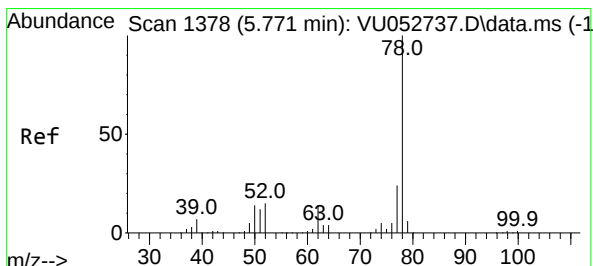
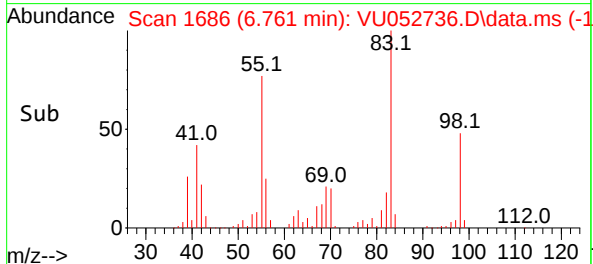
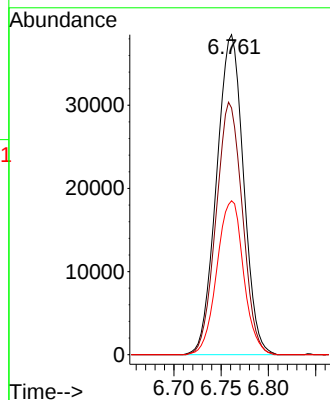
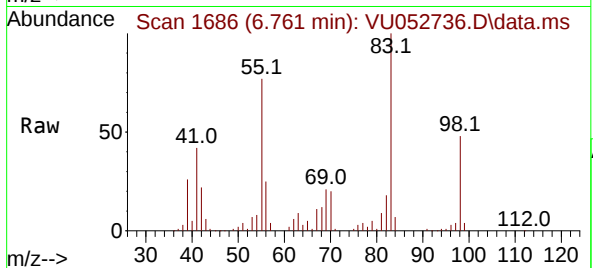
Ion	Ratio	Lower	Upper
83	100		
55	77.1	60.4	90.6
98	48.1	38.9	58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#40

Benzene

Concen: 18.858 ug/l

RT: 5.771 min Scan# 1378

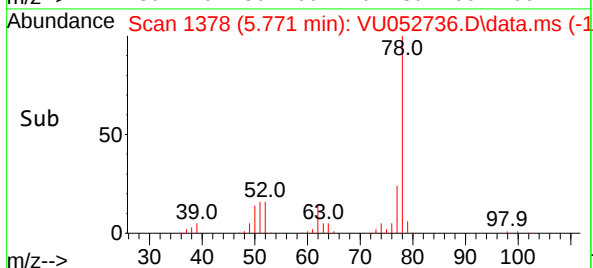
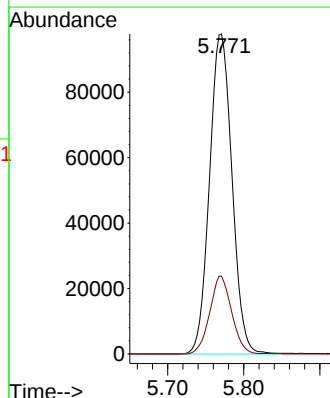
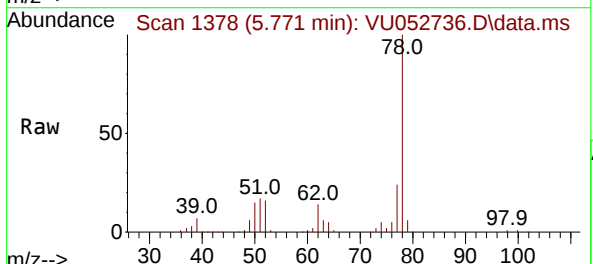
Delta R.T. 0.000 min

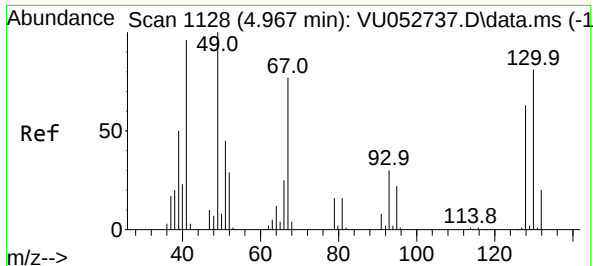
Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Tgt Ion: 78 Resp: 200721

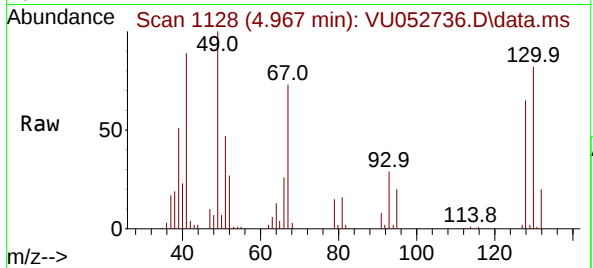
Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.9	28.3





#41
Methacrylonitrile
Concen: 17.140 ug/l
RT: 4.967 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

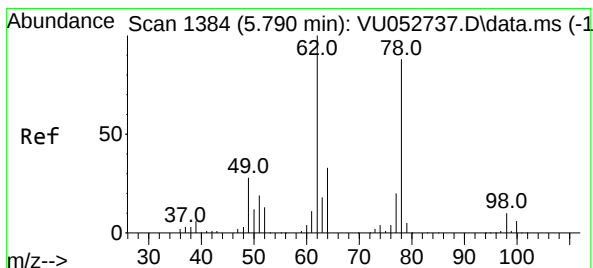
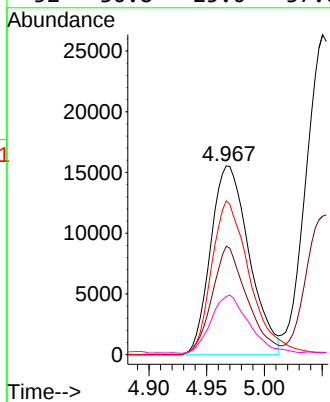
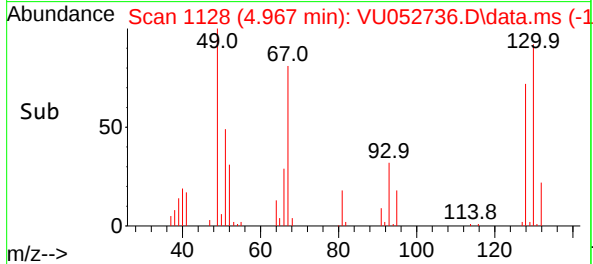
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



Tgt Ion: 41 Resp: 36059
Ion Ratio Lower Upper
41 100
39 52.8 42.2 63.2
67 81.0 65.0 97.6
52 30.8 25.0 37.6

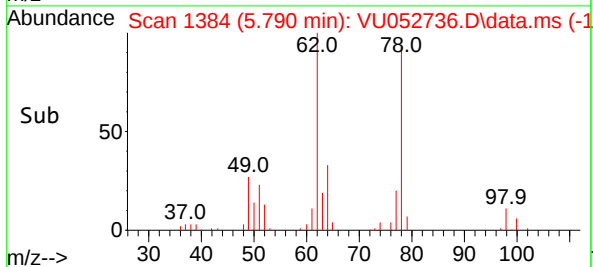
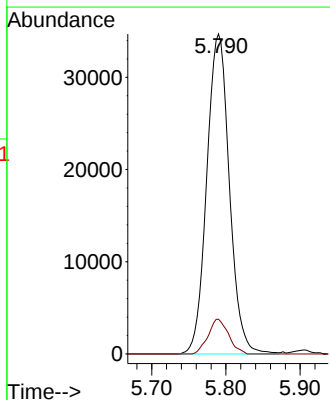
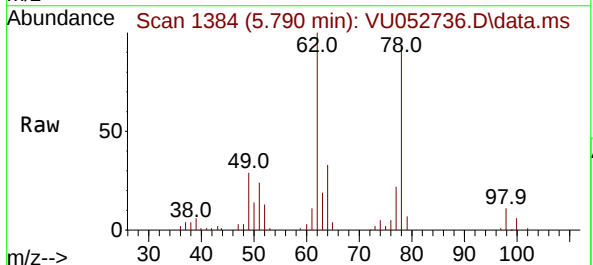
Manual Integrations
APPROVED

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



#42
1,2-Dichloroethane
Concen: 19.131 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Tgt Ion: 62 Resp: 73422
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.0





#43

Isopropyl Acetate

Concen: 17.003 ug/l

RT: 5.906 min Scan# 1420

Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 100510

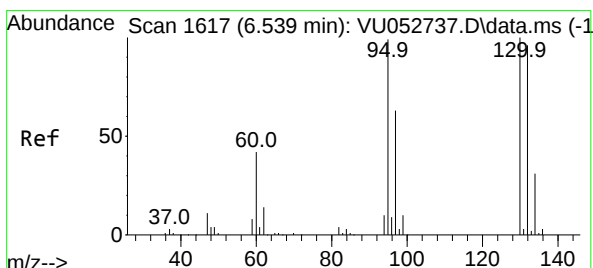
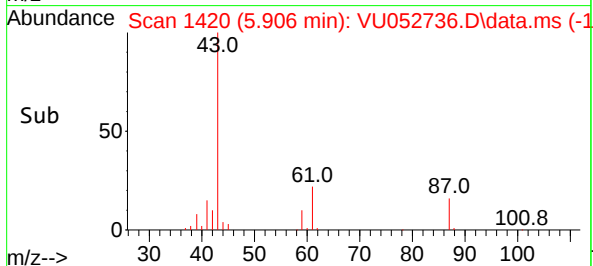
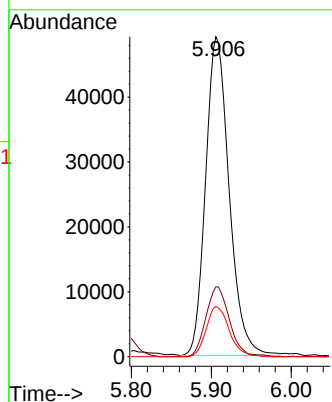
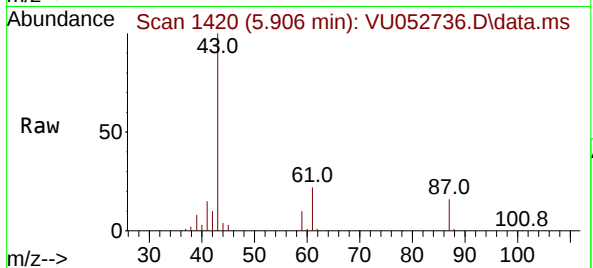
Ion	Ratio	Lower	Upper
43	100		
61	22.0	18.1	27.1
87	15.3	11.7	17.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#44

Trichloroethene

Concen: 19.540 ug/l

RT: 6.536 min Scan# 1616

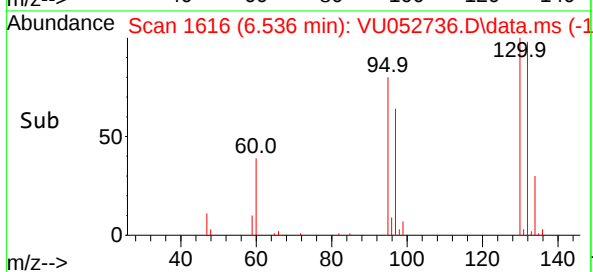
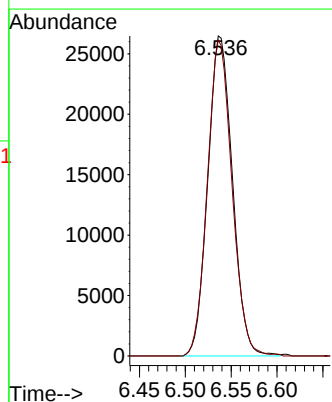
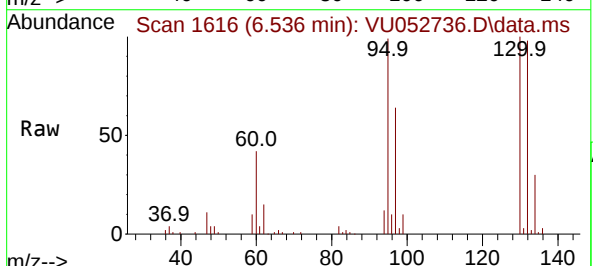
Delta R.T. -0.003 min

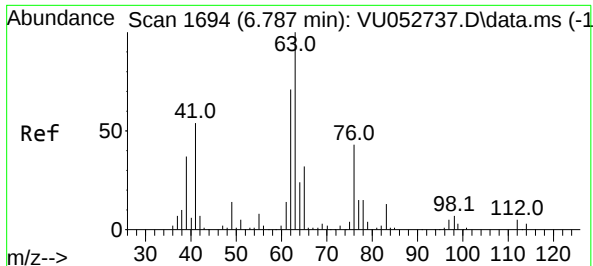
Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Tgt Ion:130 Resp: 49569

Ion	Ratio	Lower	Upper
130	100		
95	98.7	0.0	198.2





#45

1,2-Dichloropropane

Concen: 17.665 ug/l

RT: 6.787 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 51504

Ion Ratio Lower Upper

63 100

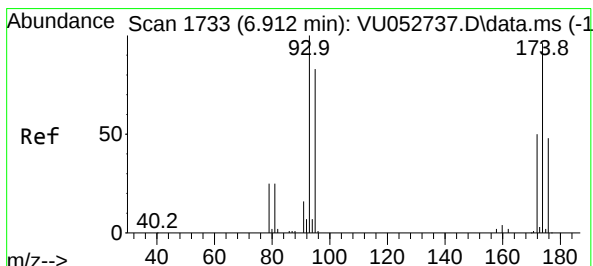
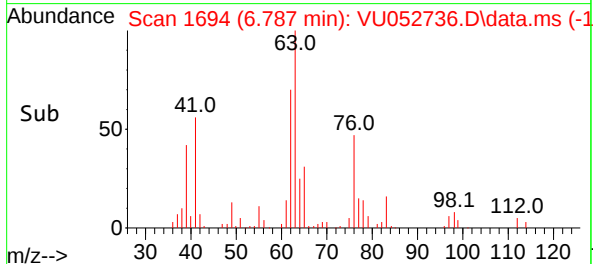
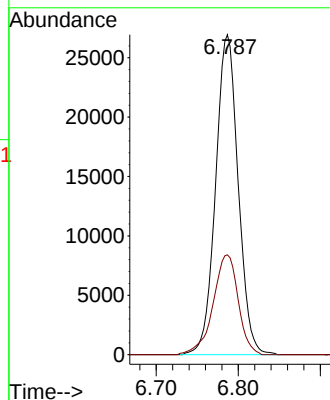
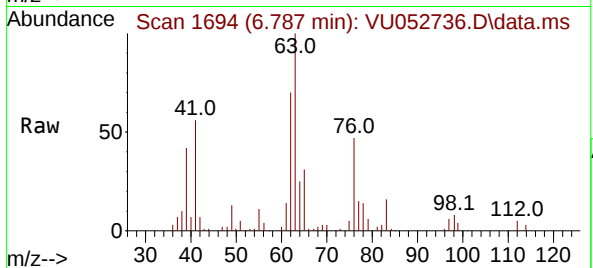
65 31.2 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#46

Dibromomethane

Concen: 18.721 ug/l

RT: 6.915 min Scan# 1734

Delta R.T. 0.003 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

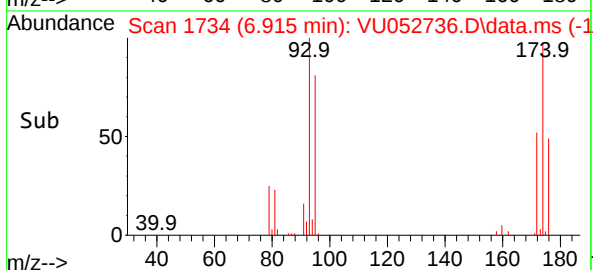
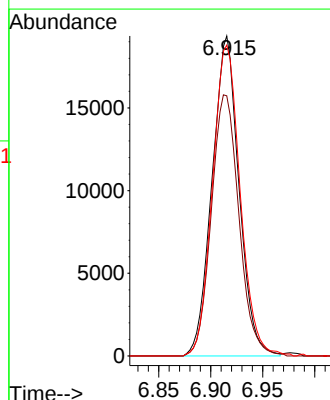
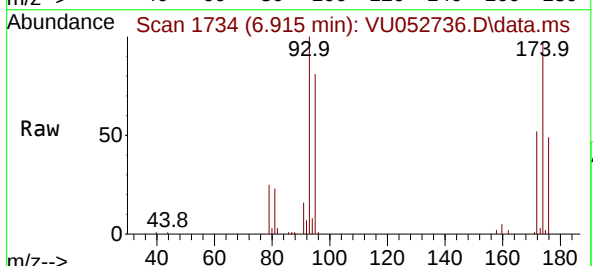
Tgt Ion: 93 Resp: 34824

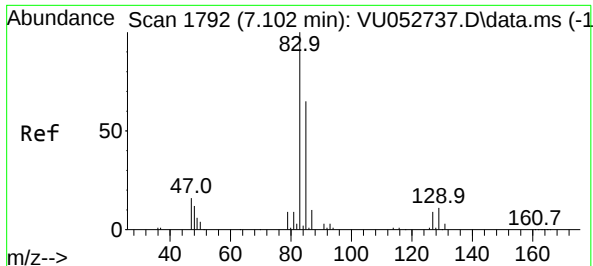
Ion Ratio Lower Upper

93 100

95 83.7 66.6 99.8

174 100.1 78.6 117.8





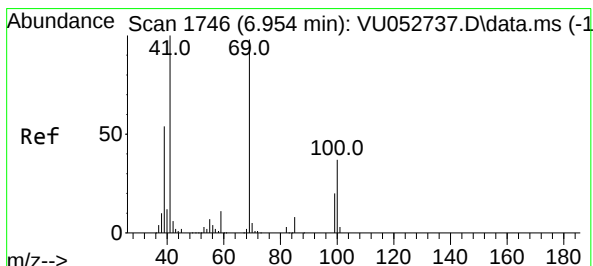
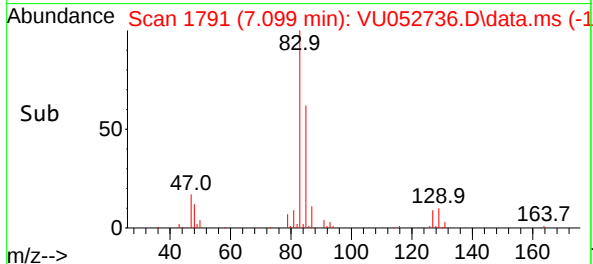
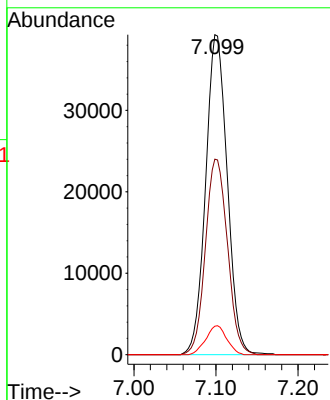
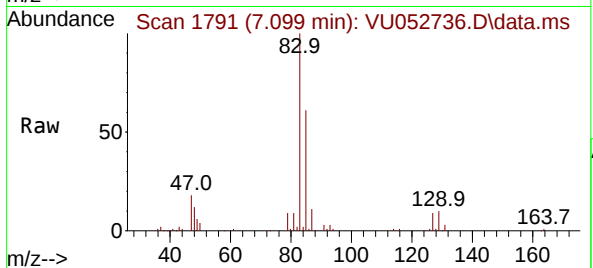
#47
Bromodichloromethane
Concen: 18.922 ug/l
RT: 7.099 min Scan# 1791
Delta R.T. -0.003 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 7191
Ion Ratio Lower Upper
83 100
85 61.1 51.6 77.4
127 8.9 6.9 10.3

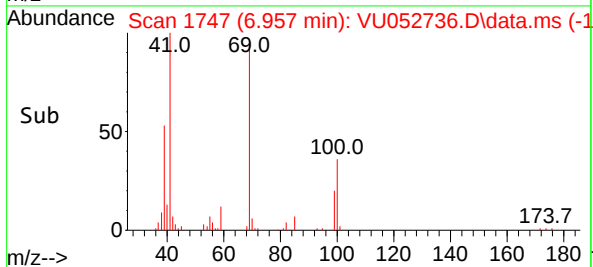
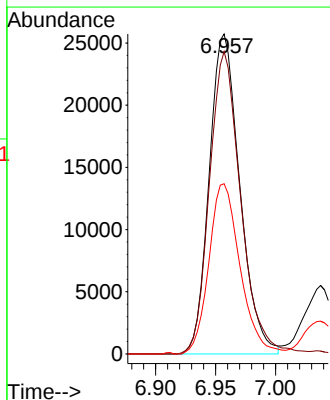
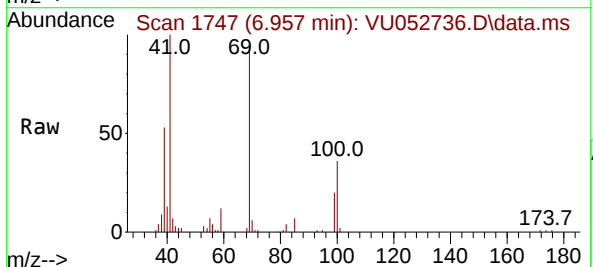
Manual Integrations
APPROVED

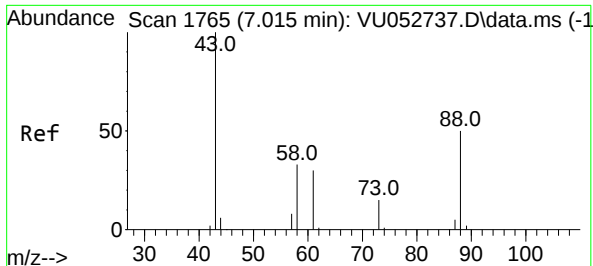
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#48
Methyl methacrylate
Concen: 16.577 ug/l
RT: 6.957 min Scan# 1747
Delta R.T. 0.003 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Tgt Ion: 41 Resp: 45610
Ion Ratio Lower Upper
41 100
69 96.5 77.2 115.8
39 54.2 42.9 64.3





#49

1,4-Dioxane

Concen: 386.580 ug/l

RT: 7.025 min Scan# 11

Delta R.T. 0.010 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

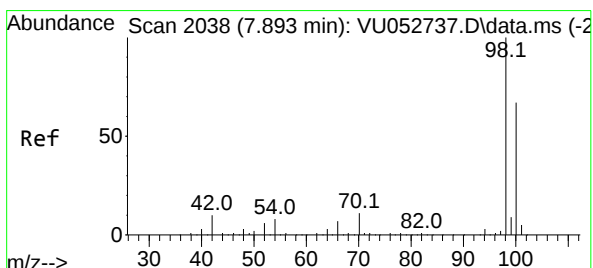
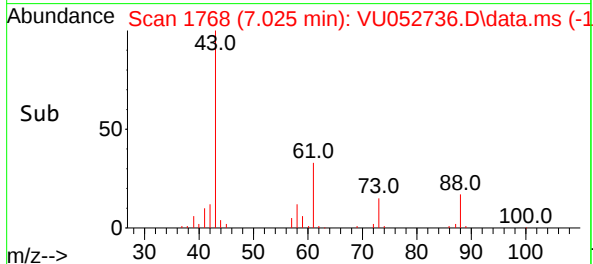
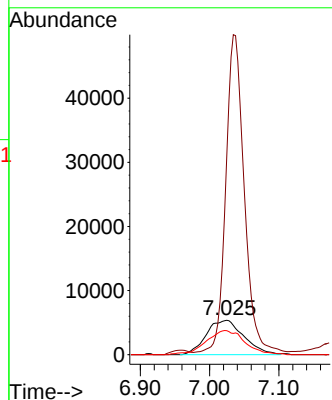
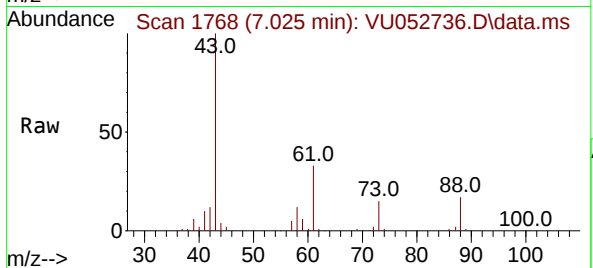
Tgt Ion:	88	Resp:	20264
Ion	Ratio	Lower	Upper
88	100		
43	450.6	374.7	562.1
58	72.3	59.2	88.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#50

Toluene-d8

Concen: 19.492 ug/l

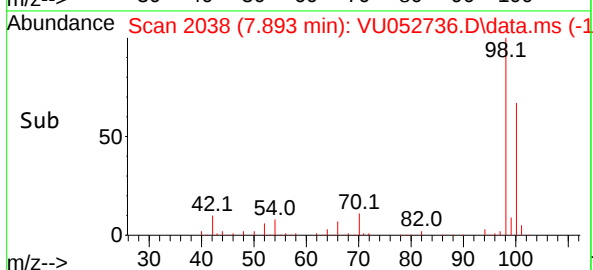
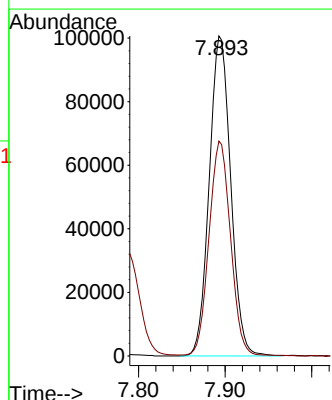
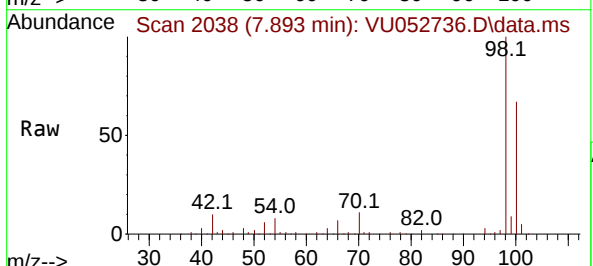
RT: 7.893 min Scan# 2038

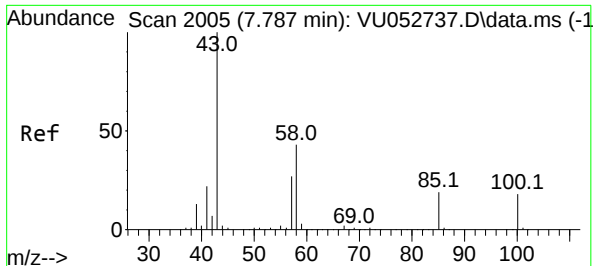
Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Tgt Ion:	98	Resp:	173254
Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.7	80.5





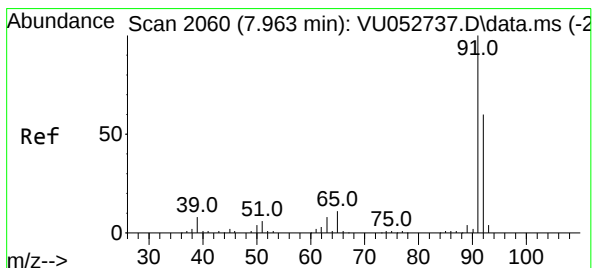
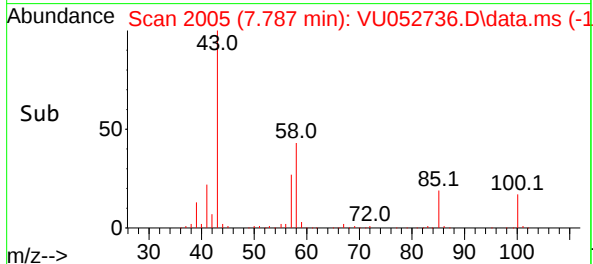
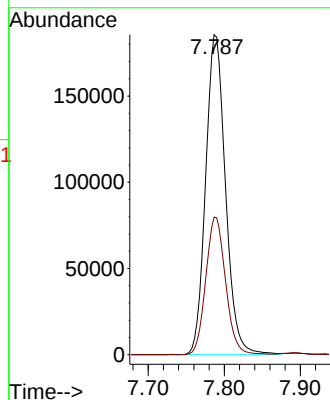
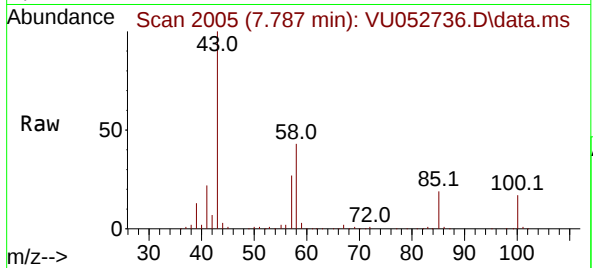
#51
4-Methyl-2-Pentanone
Concen: 87.491 ug/l
RT: 7.787 min Scan# 2005
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 337078
Ion Ratio Lower Upper
43 100
58 42.8 34.6 52.0

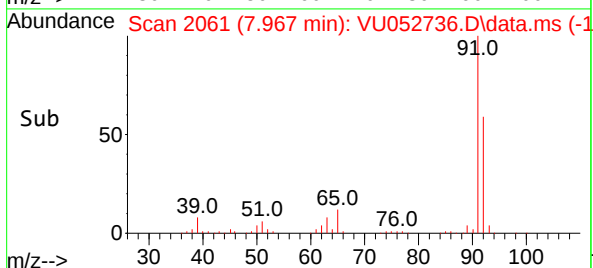
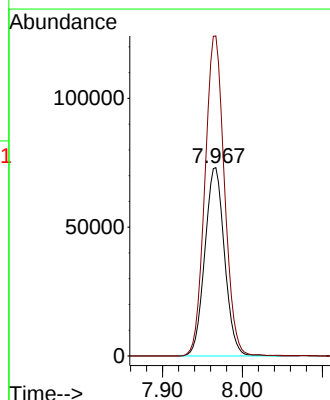
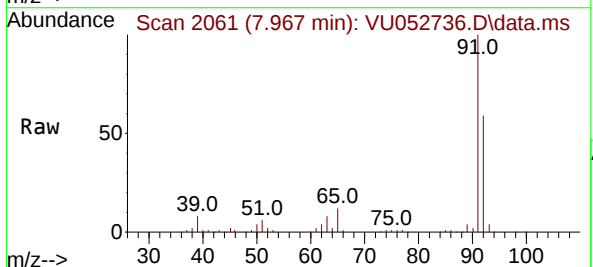
Manual Integrations
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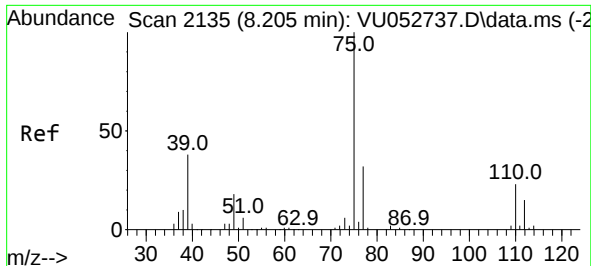
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#52
Toluene
Concen: 19.921 ug/l
RT: 7.967 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Tgt Ion: 92 Resp: 125160
Ion Ratio Lower Upper
92 100
91 168.2 134.9 202.3





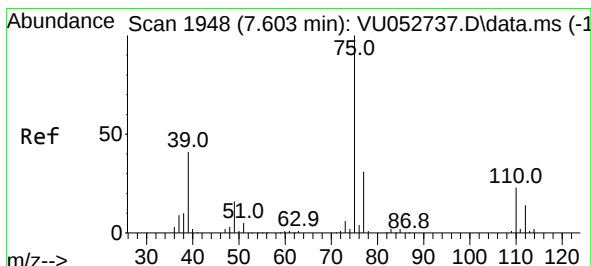
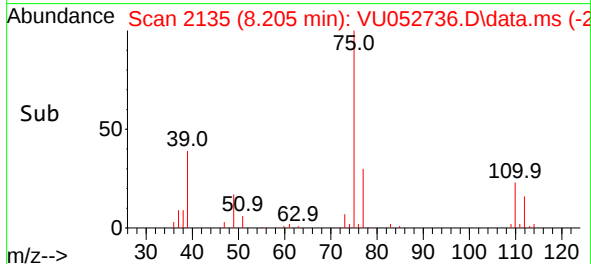
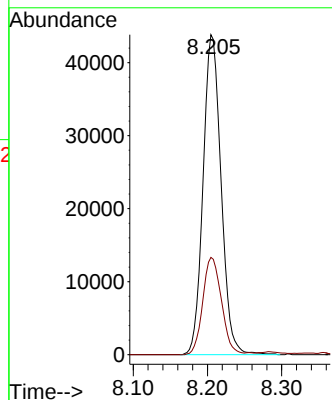
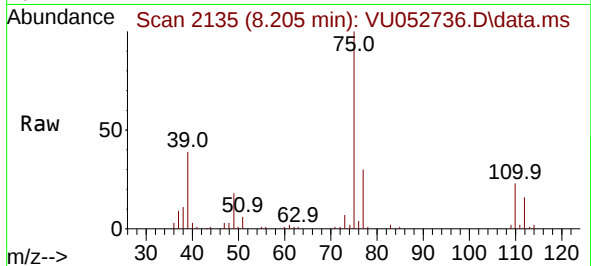
#53
 t-1,3-Dichloropropene
 Concen: 18.430 ug/l
 RT: 8.205 min Scan# 2135
 Delta R.T. 0.000 min
 Lab File: VU052736.D
 Acq: 19 Jan 2023 13:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Tgt Ion: 75 Resp: 73818
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.2 37.8

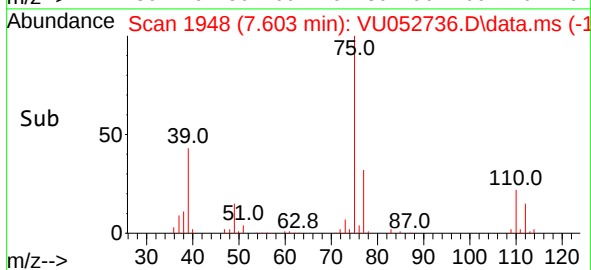
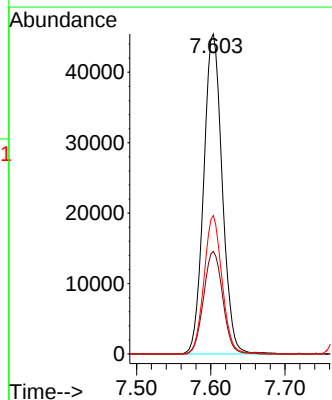
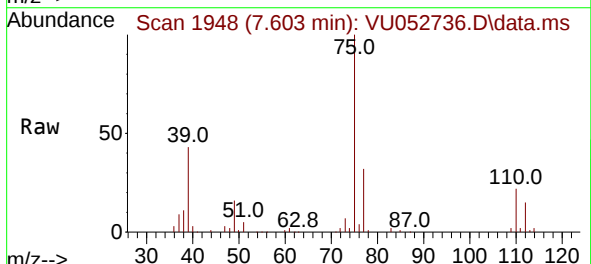
Manual Integrations
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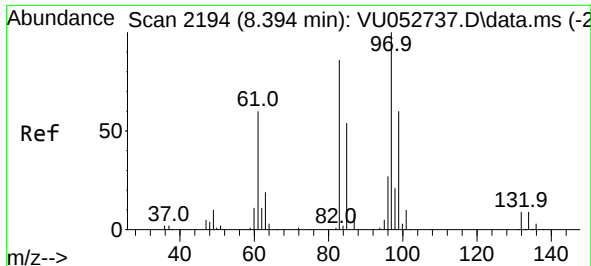
Reviewed By :John Carlone 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023



#54
 cis-1,3-Dichloropropene
 Concen: 18.194 ug/l
 RT: 7.603 min Scan# 1948
 Delta R.T. 0.000 min
 Lab File: VU052736.D
 Acq: 19 Jan 2023 13:45

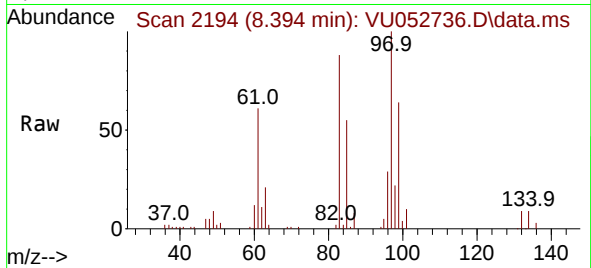
Tgt Ion: 75 Resp: 78908
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.0 37.6
 39 43.2 32.9 49.3





#55
1,1,2-Trichloroethane
Concen: 19.401 ug/l
RT: 8.394 min Scan# 2194
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

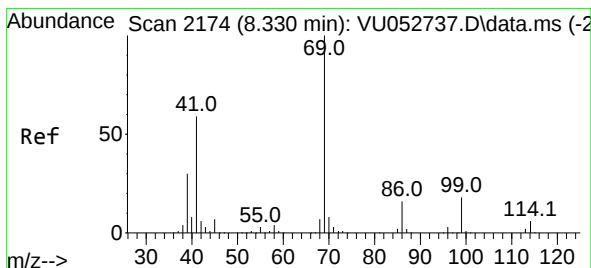
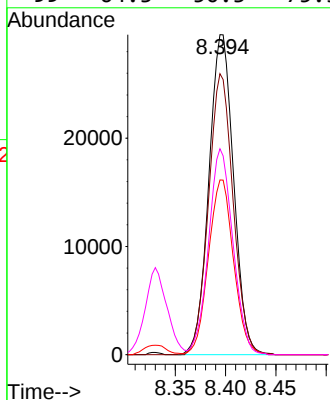
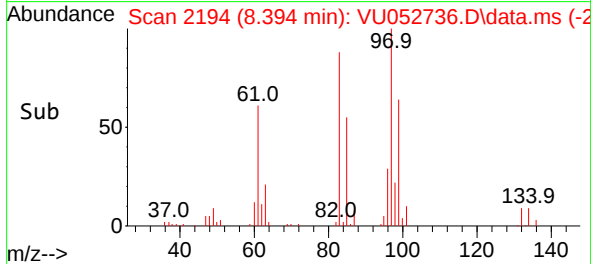
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.8	69.2	103.8
85	54.6	43.8	65.8
99	64.3	50.3	75.5

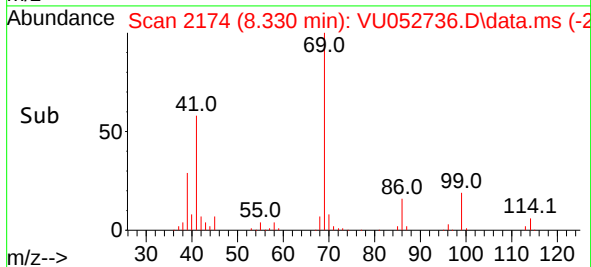
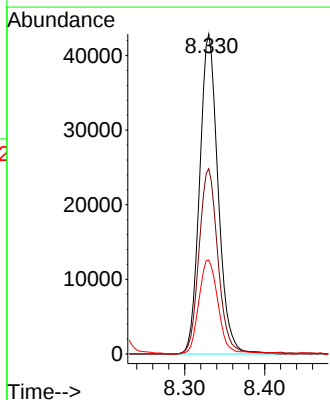
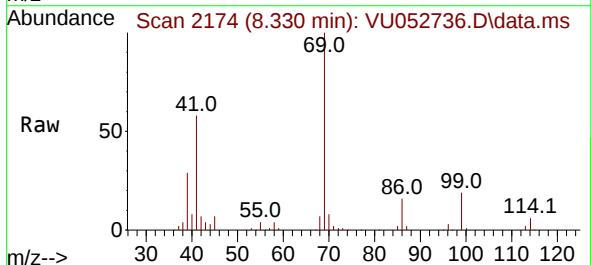
Manual Integrations
APPROVED

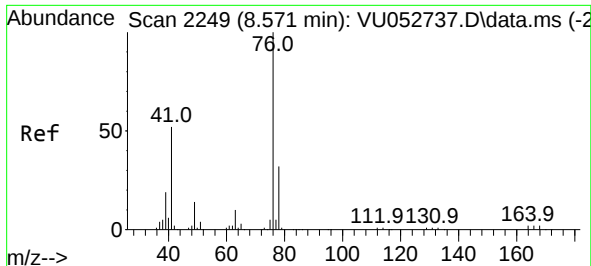
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#56
Ethyl methacrylate
Concen: 18.114 ug/l
RT: 8.330 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Tgt Ion	Ratio	Lower	Upper
69	100		
41	59.7	47.6	71.4
39	30.6	24.3	36.5





#57

1,3-Dichloropropane

Concen: 19.141 ug/l

RT: 8.571 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 8814

Ion Ratio Lower Upper

76 100

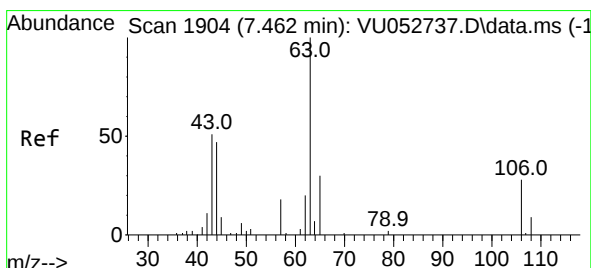
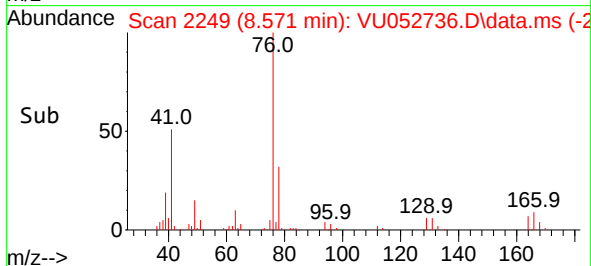
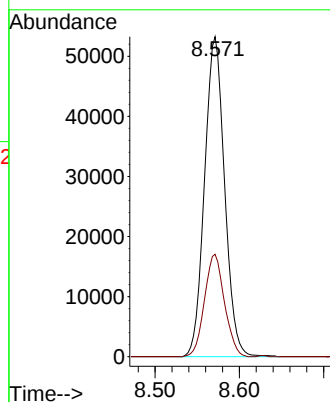
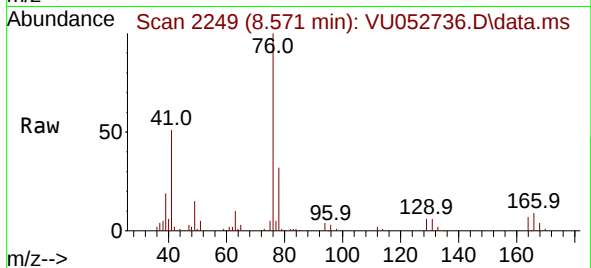
78 31.9 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 55.708 ug/l

RT: 7.459 min Scan# 1903

Delta R.T. -0.003 min

Lab File: VU052736.D

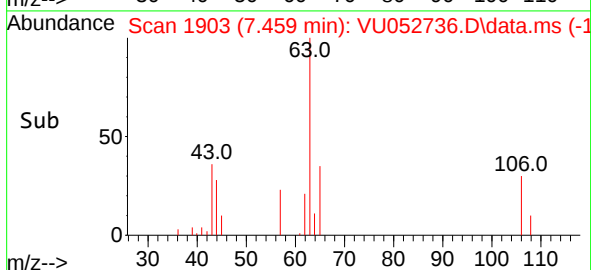
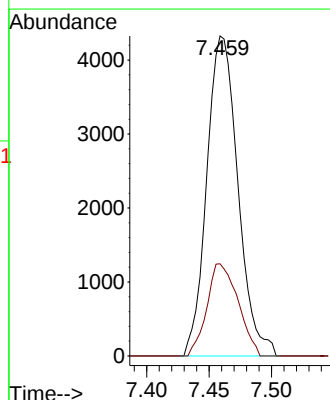
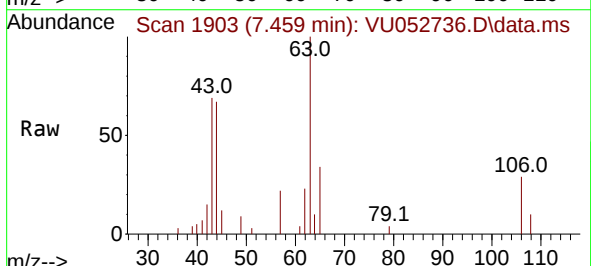
Acq: 19 Jan 2023 13:45

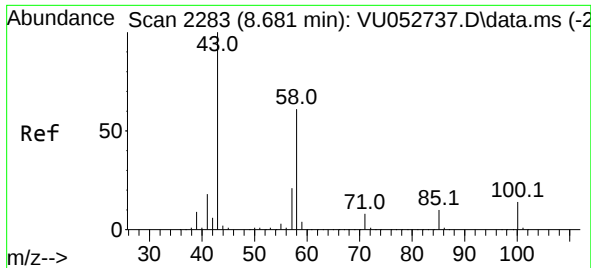
Tgt Ion: 63 Resp: 7526

Ion Ratio Lower Upper

63 100

106 28.8 23.2 34.8





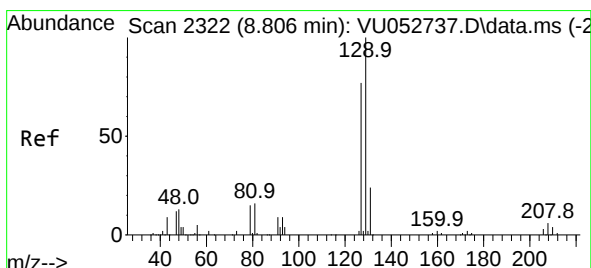
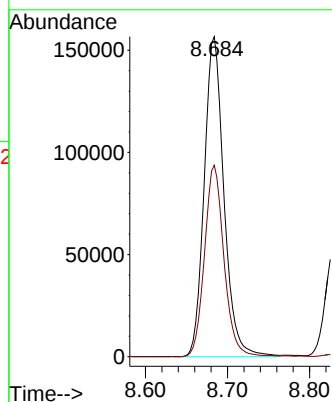
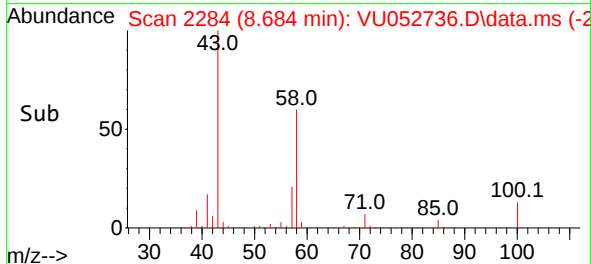
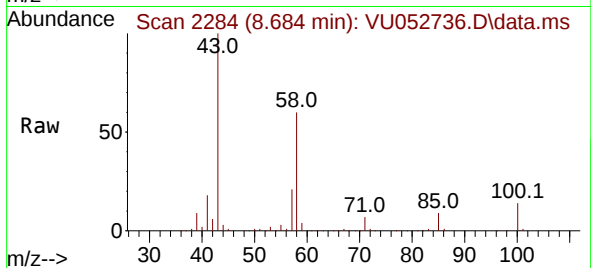
#59
2-Hexanone
Concen: 89.067 ug/l
RT: 8.684 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 26256
Ion Ratio Lower Upper
43 100
58 58.9 29.8 89.5

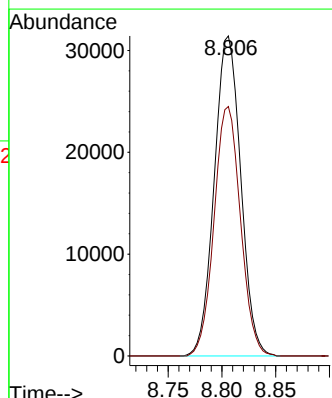
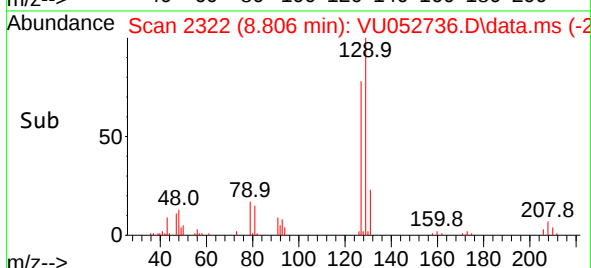
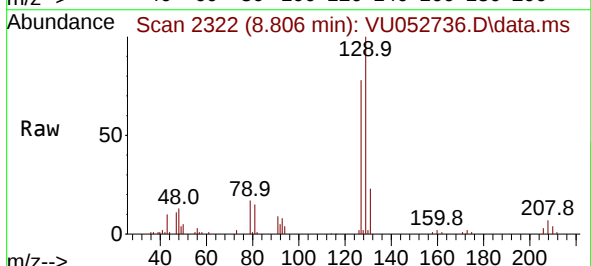
Manual Integrations
APPROVED

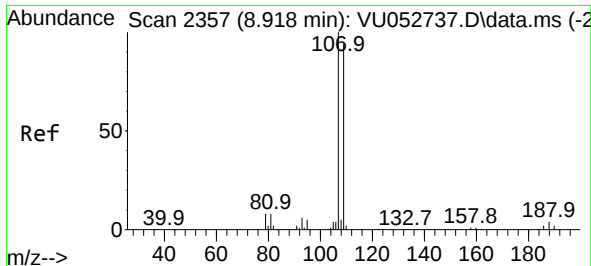
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#60
Dibromochloromethane
Concen: 19.829 ug/l
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

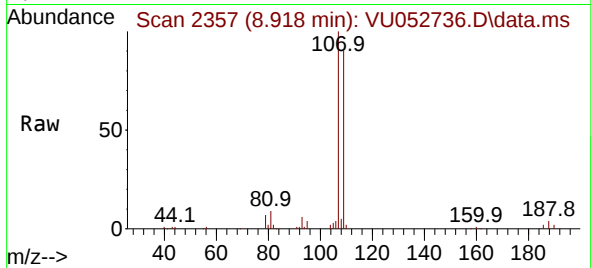
Tgt Ion:129 Resp: 53916
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.2





#61
1,2-Dibromoethane
Concen: 20.601 ug/l
RT: 8.918 min Scan# 2357
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

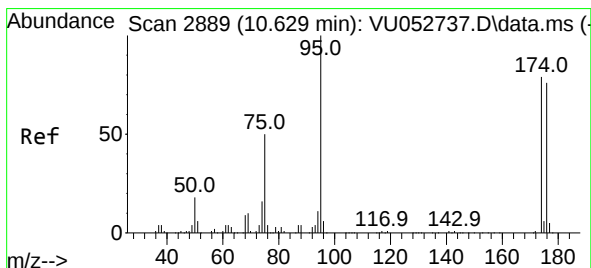
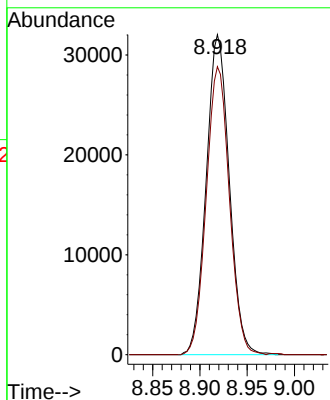
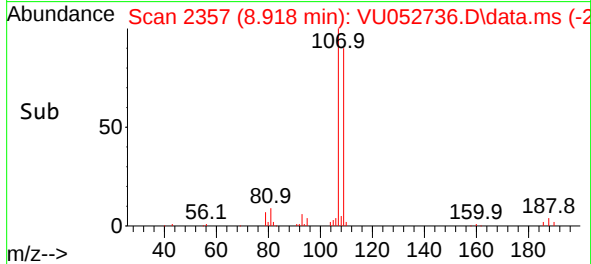
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



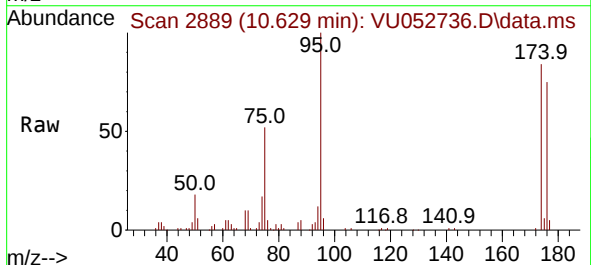
Tgt Ion:107 Resp: 54398
Ion Ratio Lower Upper
107 100
109 89.9 75.0 112.6

Manual Integrations
APPROVED

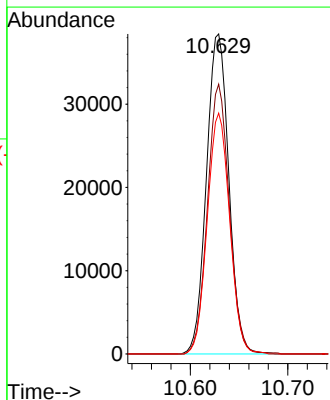
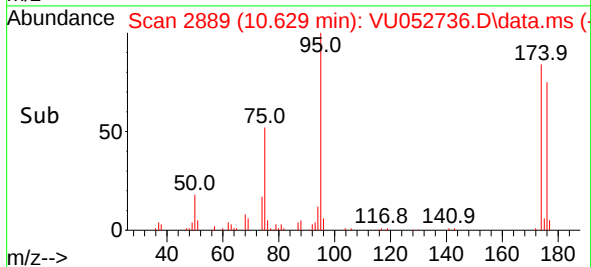
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

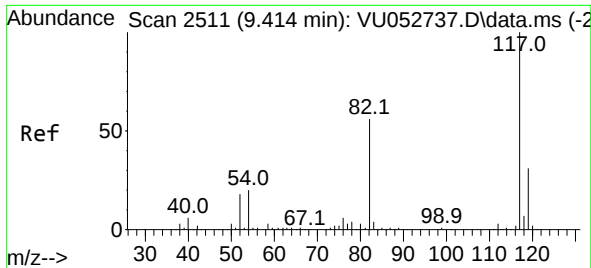


#62
4-Bromofluorobenzene
Concen: 19.020 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45



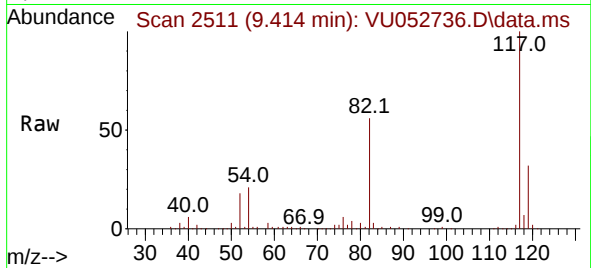
Tgt Ion: 95 Resp: 61275
Ion Ratio Lower Upper
95 100
174 82.6 0.0 158.6
176 75.4 0.0 150.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

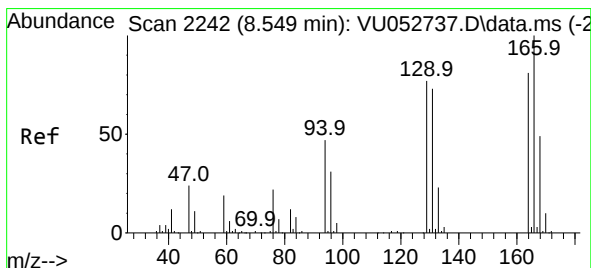
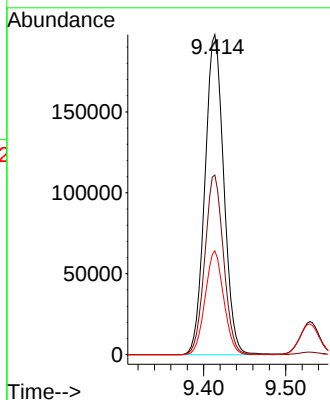
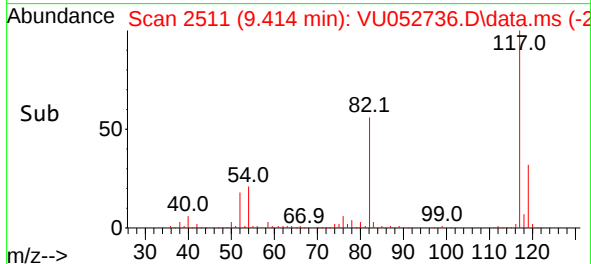
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 315750
Ion Ratio Lower Upper
117 100
82 56.1 44.7 67.1
119 32.4 25.0 37.6

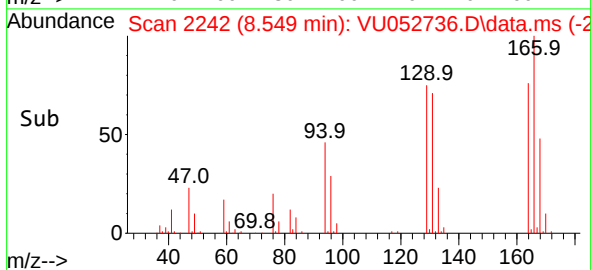
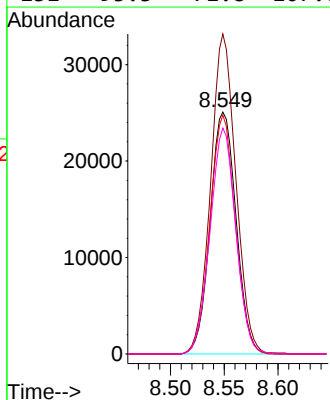
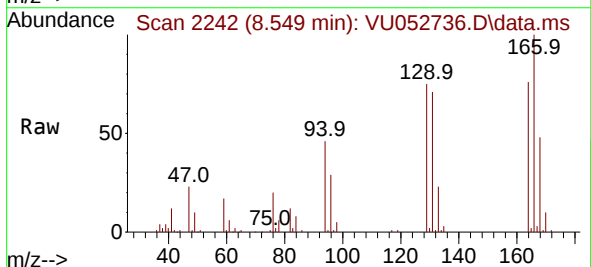
Manual Integrations
APPROVED

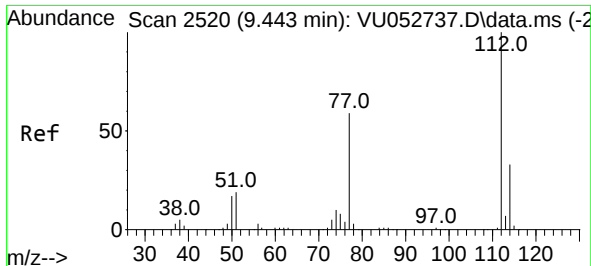
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#64
Tetrachloroethene
Concen: 20.472 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

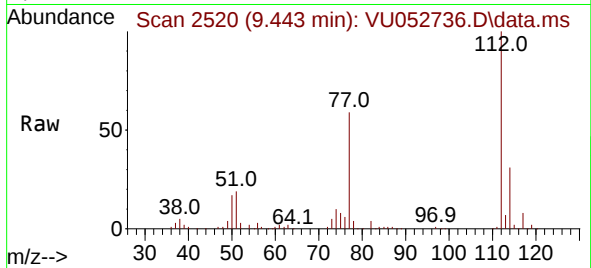
Tgt Ion:164 Resp: 42033
Ion Ratio Lower Upper
164 100
166 132.2 98.9 148.3
129 98.7 76.0 114.0
131 93.3 71.8 107.6





#65
Chlorobenzene
Concen: 19.233 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

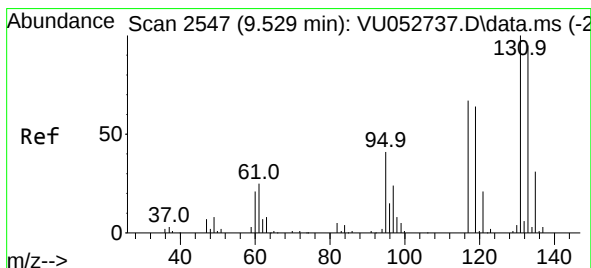
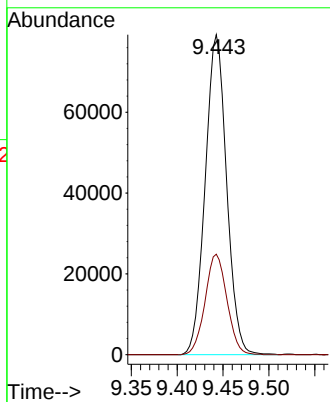
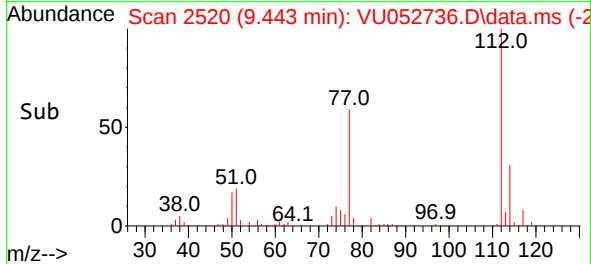
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



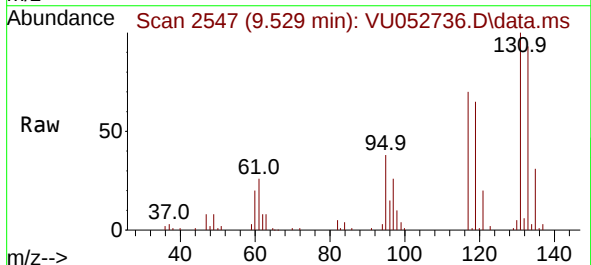
Tgt Ion:112 Resp: 128540
Ion Ratio Lower Upper
112 100
114 31.4 26.1 39.1

Manual Integrations
APPROVED

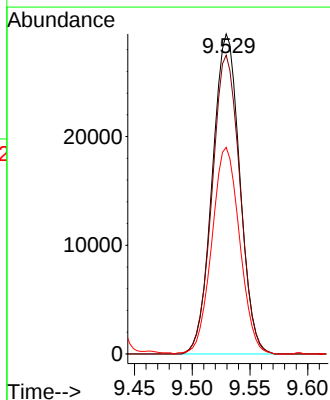
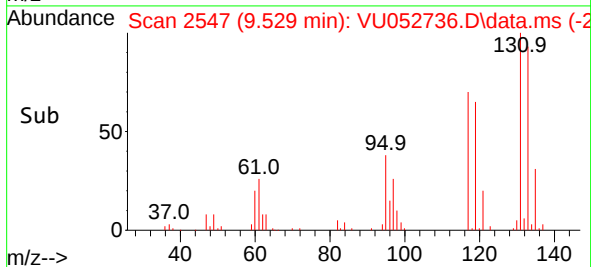
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

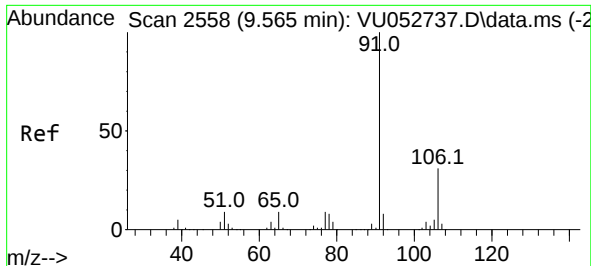


#66
1,1,1,2-Tetrachloroethane
Concen: 20.005 ug/l
RT: 9.529 min Scan# 2547
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45



Tgt Ion:131 Resp: 48576
Ion Ratio Lower Upper
131 100
133 94.8 48.4 145.0
119 65.5 32.1 96.3





#67

Ethyl Benzene

Concen: 19.043 ug/l

RT: 9.565 min Scan# 2558

Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 219600

Ion Ratio Lower Upper

91 100

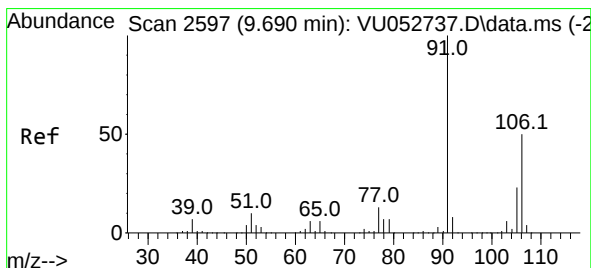
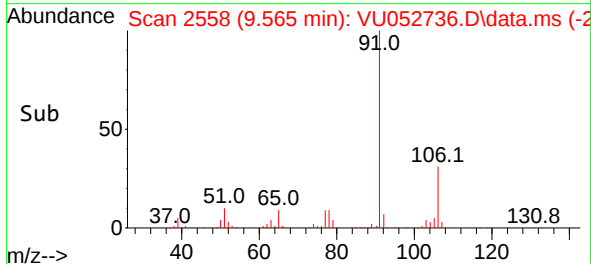
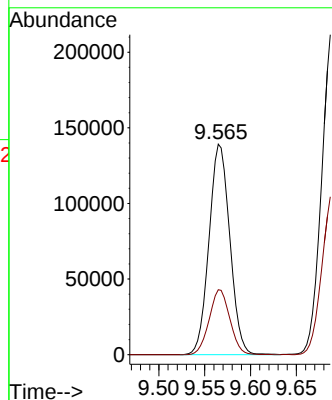
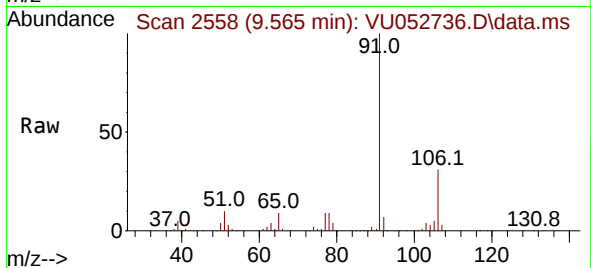
106 30.8 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#68

m/p-Xylenes

Concen: 40.549 ug/l

RT: 9.690 min Scan# 2597

Delta R.T. 0.000 min

Lab File: VU052736.D

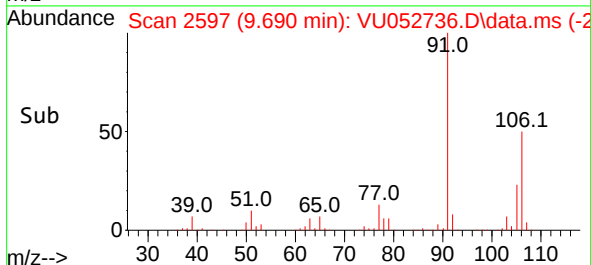
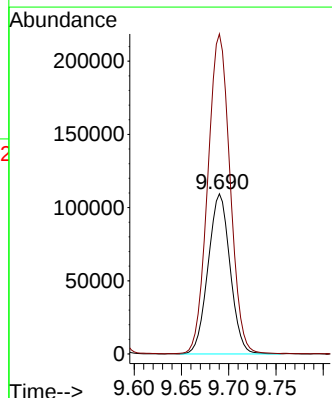
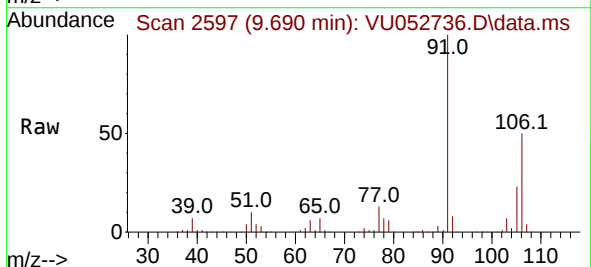
Acq: 19 Jan 2023 13:45

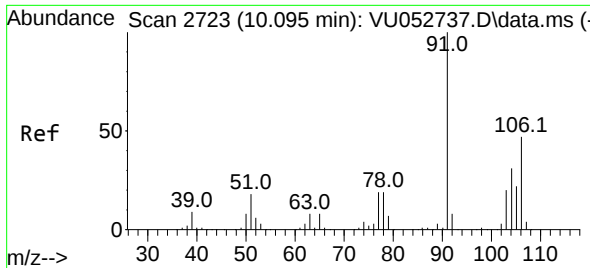
Tgt Ion:106 Resp: 177017

Ion Ratio Lower Upper

106 100

91 202.1 160.8 241.2





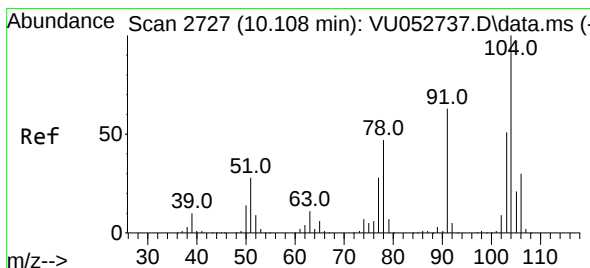
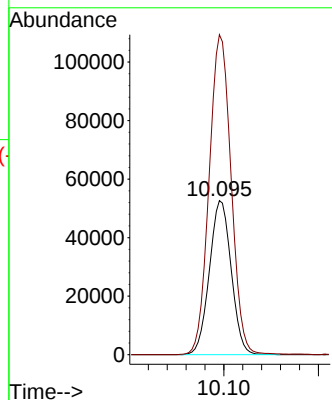
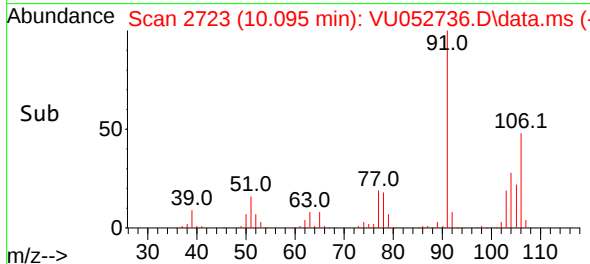
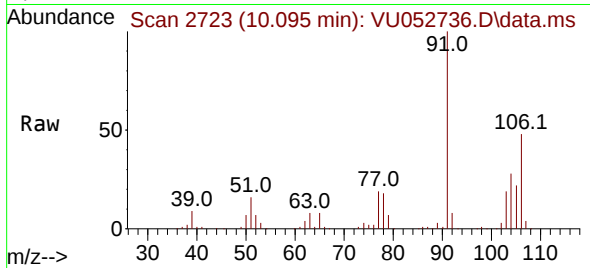
#69
o-Xylene
Concen: 20.272 ug/l
RT: 10.095 min Scan# 2723
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 8424
Ion Ratio Lower Upper
106 100
91 209.8 107.9 323.7

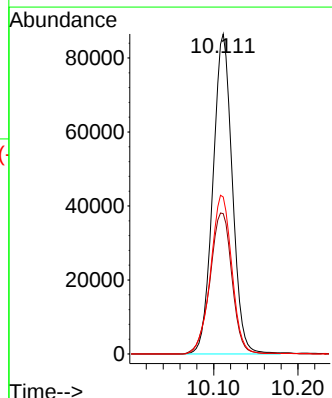
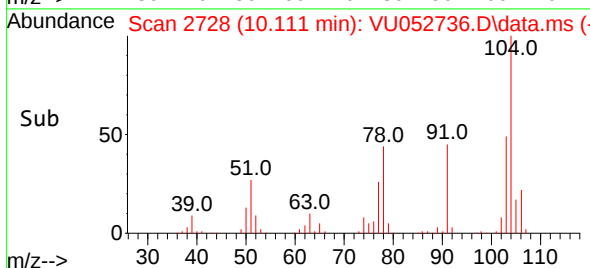
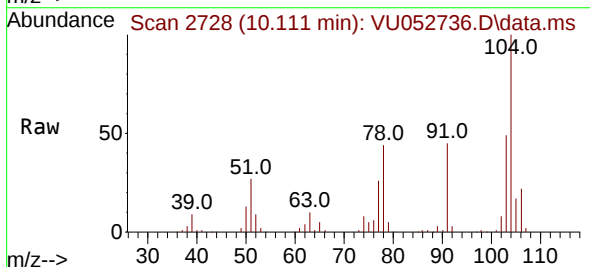
Manual Integrations
APPROVED

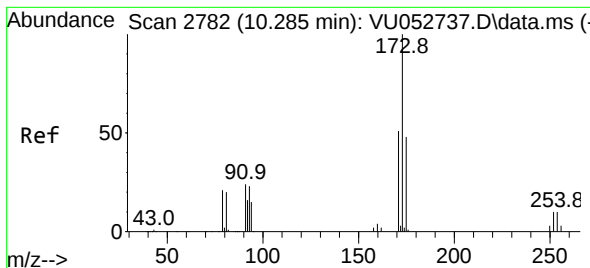
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#70
Styrene
Concen: 19.860 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. 0.003 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Tgt Ion:104 Resp: 138205
Ion Ratio Lower Upper
104 100
78 50.0 39.9 59.9
103 54.1 43.4 65.2





#71

Bromoform

Concen: 19.784 ug/l

RT: 10.288 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

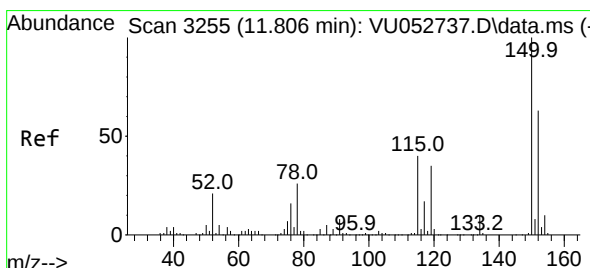
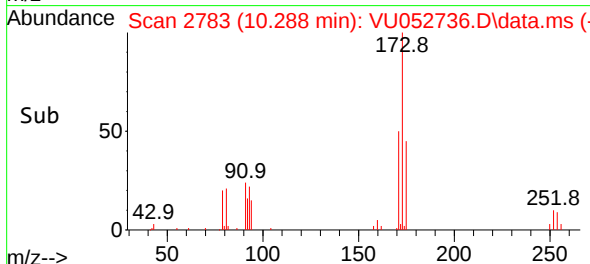
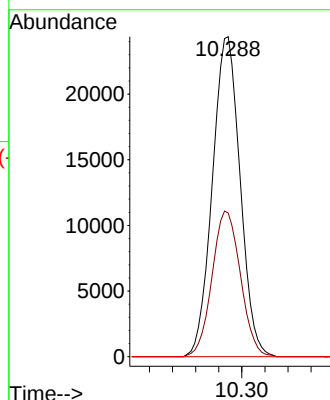
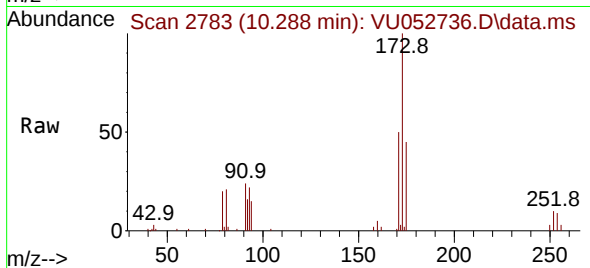
Tgt Ion:173	Resp:	40580
Ion Ratio	Lower	Upper
173	100	
175	46.6	24.1 72.2
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

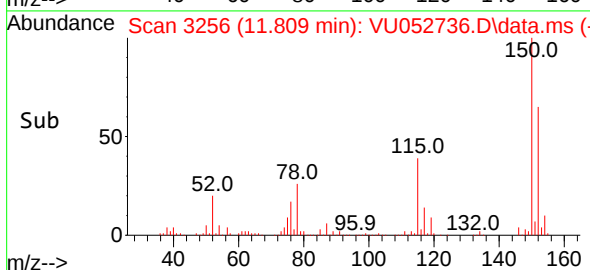
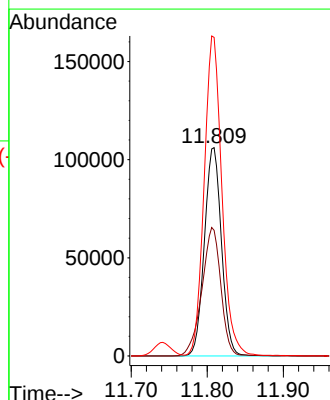
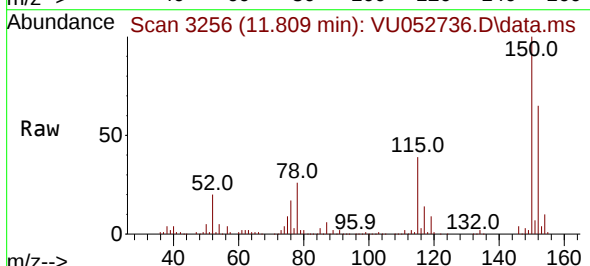
RT: 11.809 min Scan# 3256

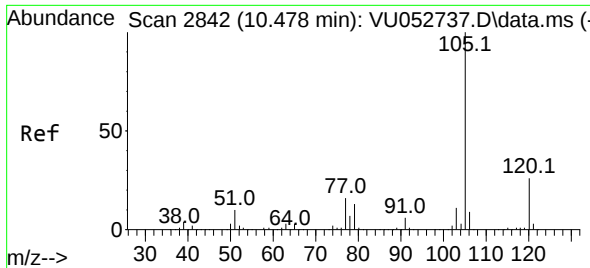
Delta R.T. 0.003 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Tgt Ion:152	Resp:	165589
Ion Ratio	Lower	Upper
152	100	
115	68.4	41.7 125.1
150	159.2	0.0 349.2





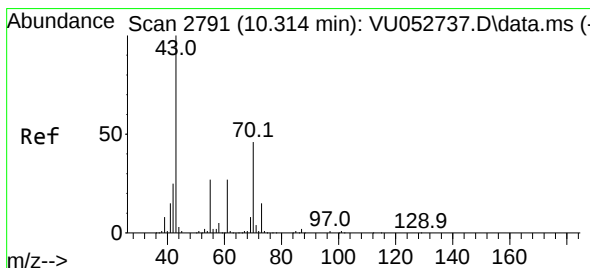
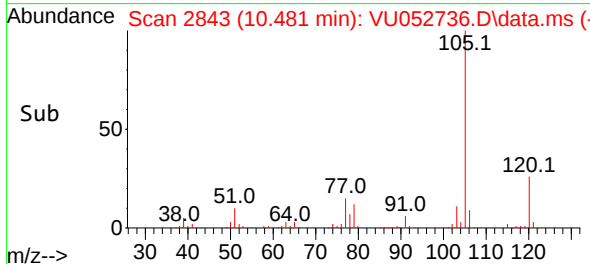
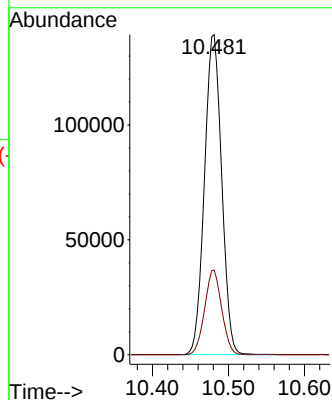
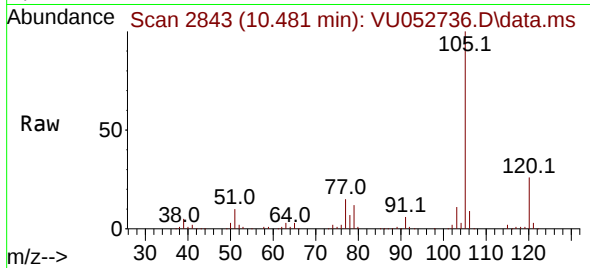
#73
Isopropylbenzene
Concen: 19.526 ug/l
RT: 10.481 min Scan# 2843
Delta R.T. 0.003 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion:105 Resp: 21928
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.5

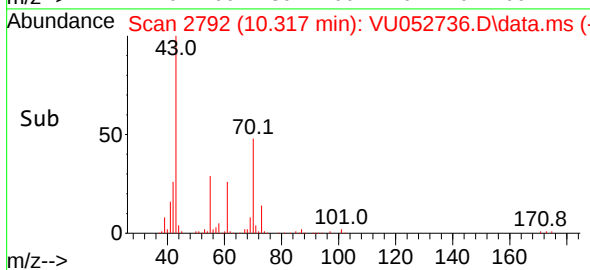
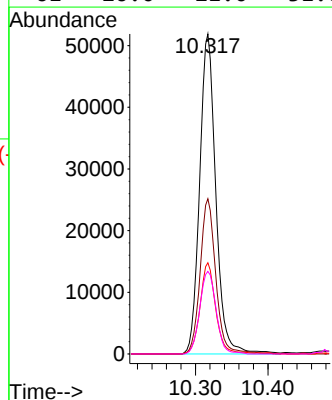
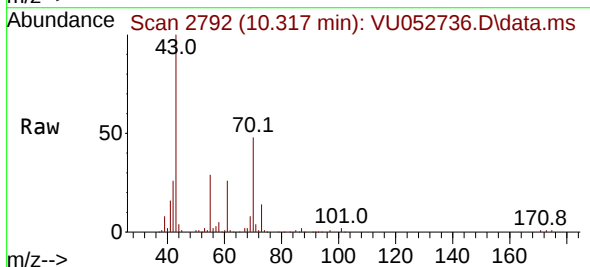
Manual Integrations
APPROVED

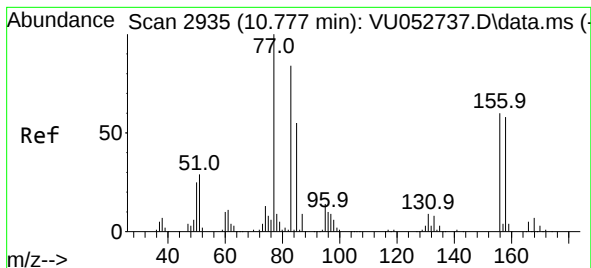
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#74
N-ethyl acetate
Concen: 16.040 ug/l
RT: 10.317 min Scan# 2792
Delta R.T. 0.003 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Tgt Ion: 43 Resp: 80430
Ion Ratio Lower Upper
43 100
70 47.0 37.9 56.9
55 27.5 21.9 32.9
61 26.0 21.0 31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.562 ug/l

RT: 10.777 min Scan# 2935

Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

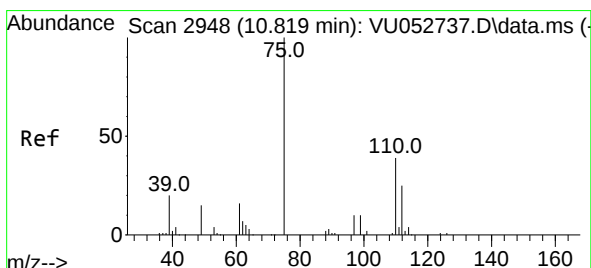
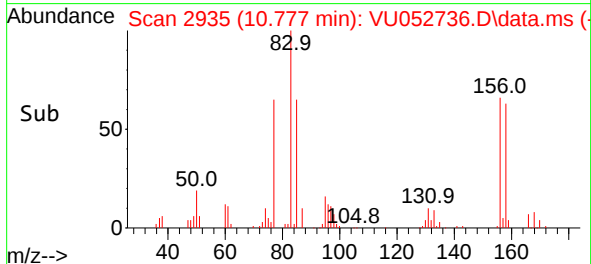
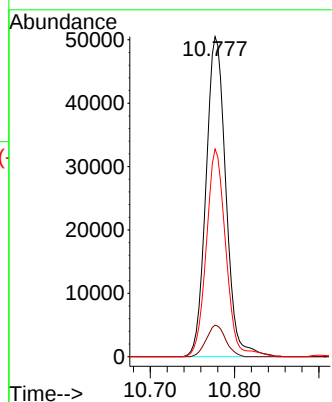
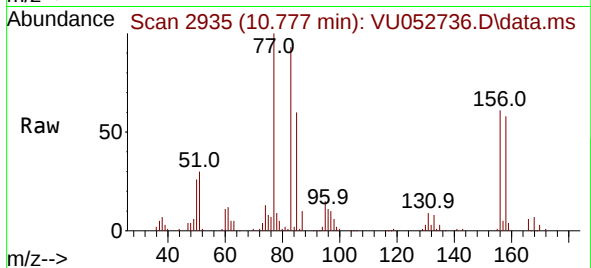
Tgt Ion: 83 Resp: 82758
 Ion Ratio Lower Upper
 83 100
 131 9.6 5.0 14.9
 85 63.7 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#76

1,2,3-Trichloropropane

Concen: 17.038 ug/l

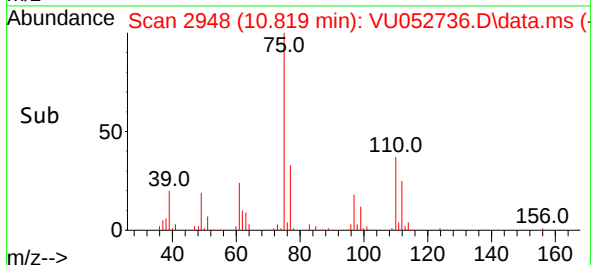
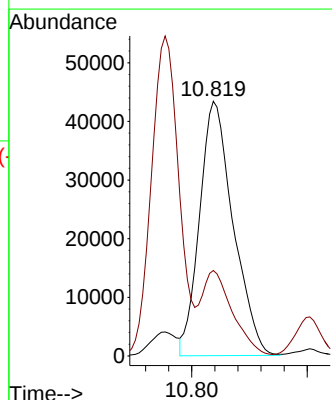
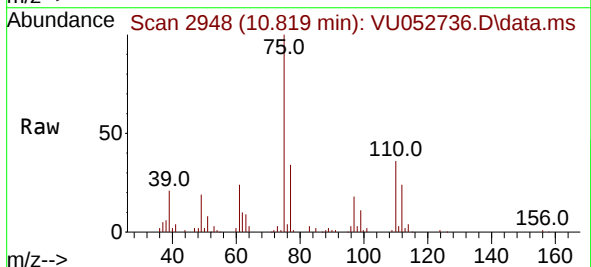
RT: 10.819 min Scan# 2948

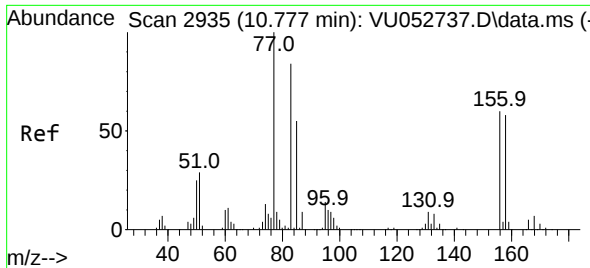
Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

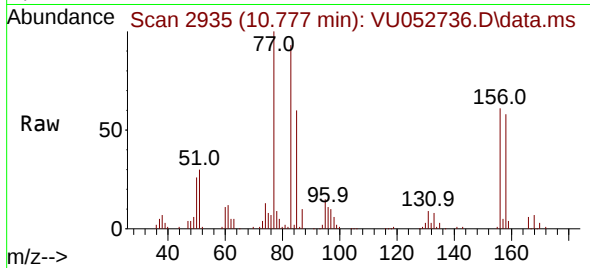
Tgt Ion: 75 Resp: 87665
 Ion Ratio Lower Upper
 75 100
 77 29.2 15.0 45.1





#77
Bromobenzene
Concen: 19.165 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

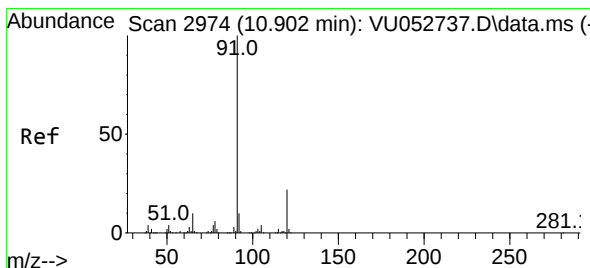
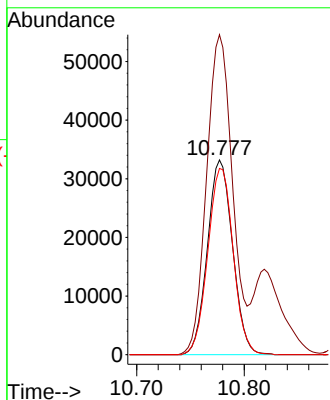
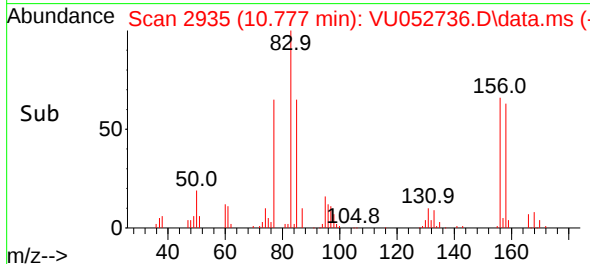
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



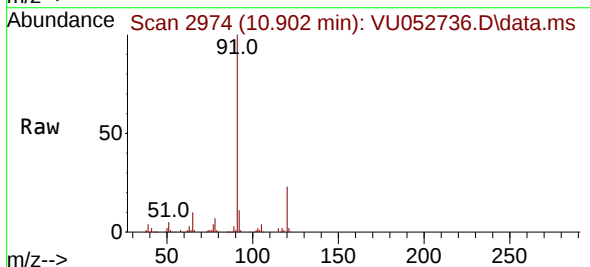
Tgt Ion:156 Resp: 54040
Ion Ratio Lower Upper
156 100
77 167.9 83.8 251.4
158 96.4 48.7 146.1

Manual Integrations
APPROVED

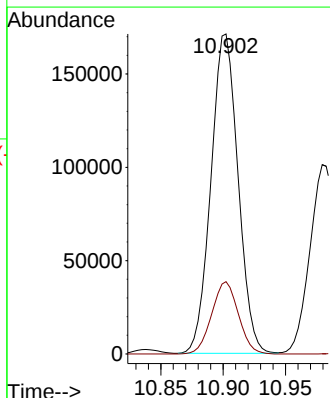
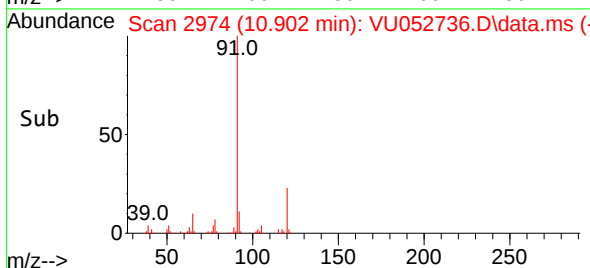
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

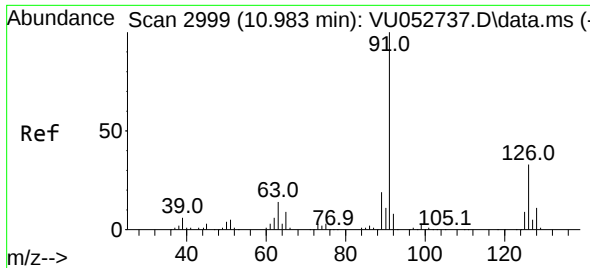


#78
n-propylbenzene
Concen: 19.074 ug/l
RT: 10.902 min Scan# 2974
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45



Tgt Ion: 91 Resp: 259183
Ion Ratio Lower Upper
91 100
120 22.2 11.3 33.8





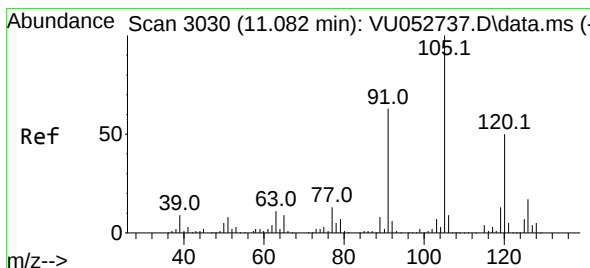
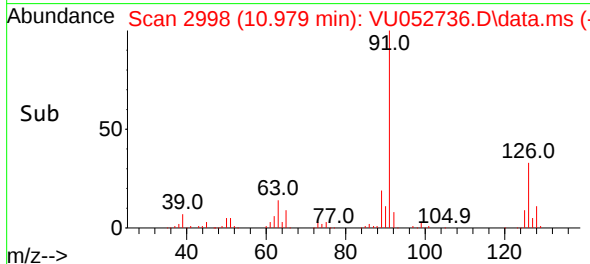
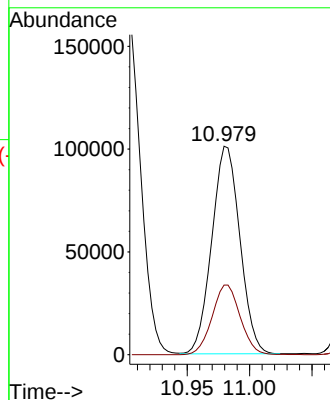
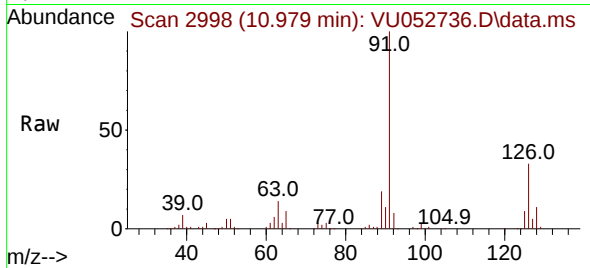
#79
2-Chlorotoluene
Concen: 19.029 ug/l
RT: 10.979 min Scan# 2999
Delta R.T. -0.003 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 15862
Ion Ratio Lower Upper
91 100
126 33.6 16.7 50.0

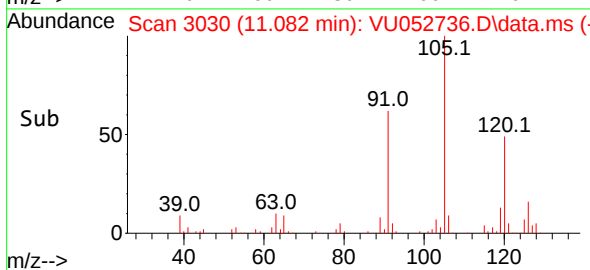
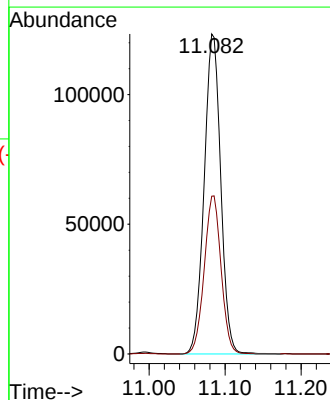
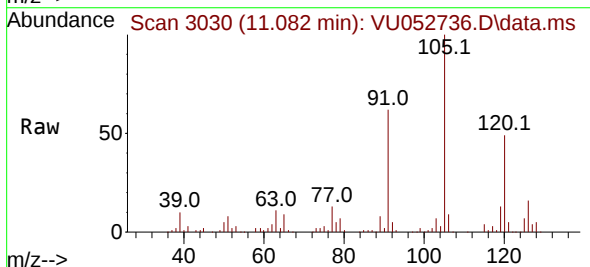
Manual Integrations
APPROVED

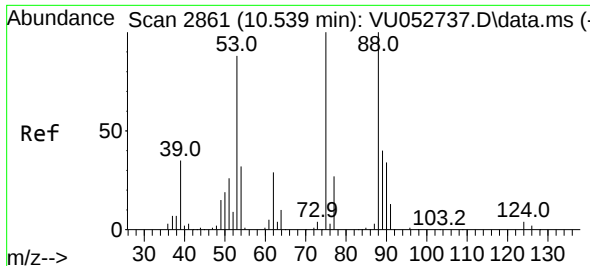
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.696 ug/l
RT: 11.082 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Tgt Ion:105 Resp: 186455
Ion Ratio Lower Upper
105 100
120 50.3 25.1 75.2





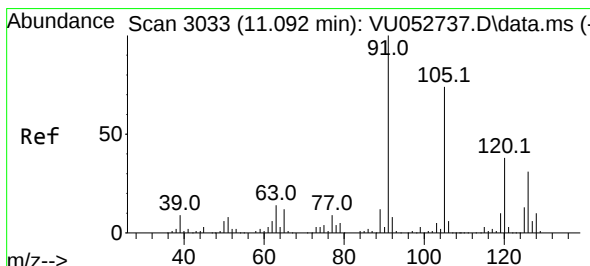
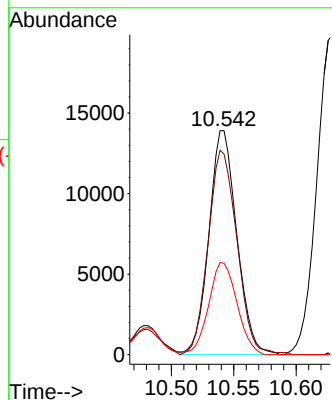
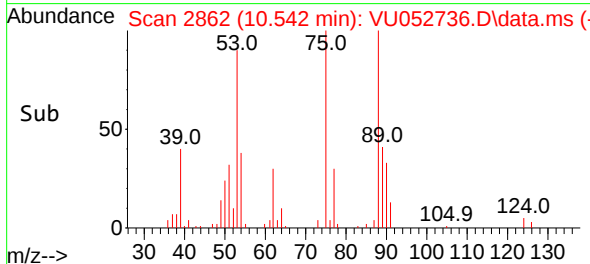
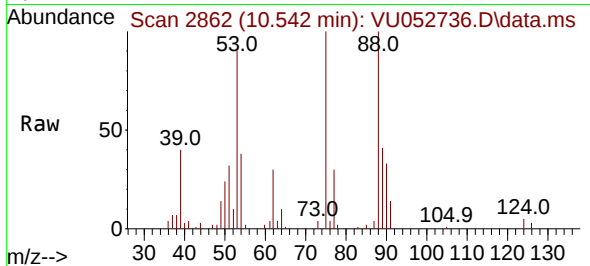
#81
trans-1,4-Dichloro-2-butene
Concen: 16.269 ug/l
RT: 10.542 min Scan# 2861
Delta R.T. 0.003 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 2166
Ion Ratio Lower Upper
75 100
53 94.3 72.4 108.6
89 42.0 35.0 52.4

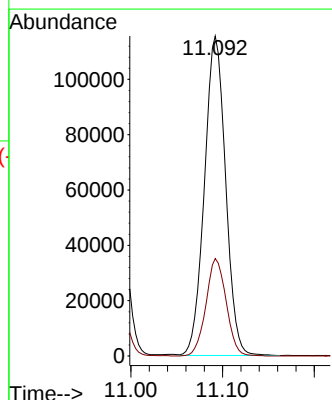
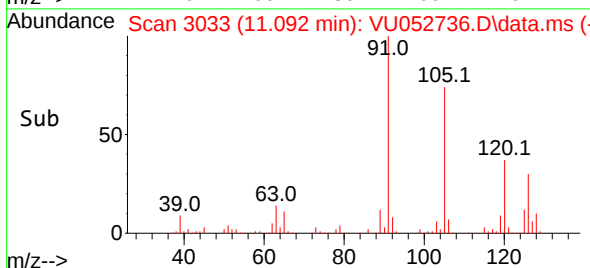
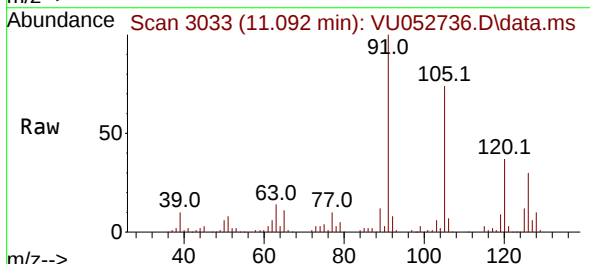
Manual Integrations
APPROVED

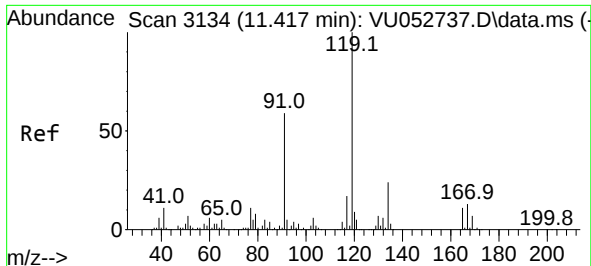
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#82
4-Chlorotoluene
Concen: 19.521 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

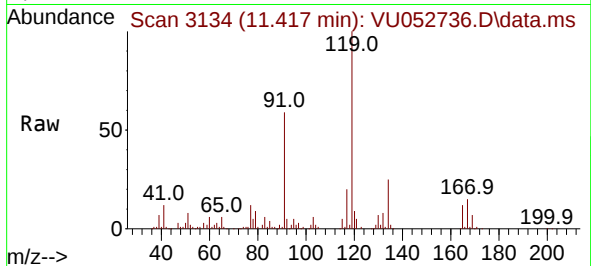
Tgt Ion: 91 Resp: 184832
Ion Ratio Lower Upper
91 100
126 29.2 14.9 44.7





#83
tert-Butylbenzene
Concen: 19.175 ug/l
RT: 11.417 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

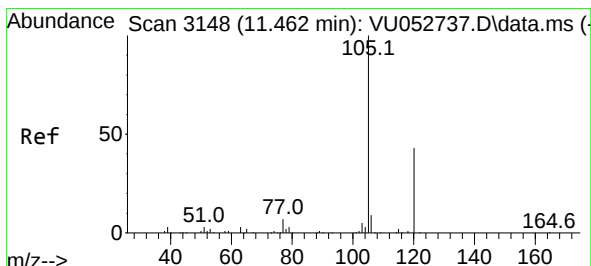
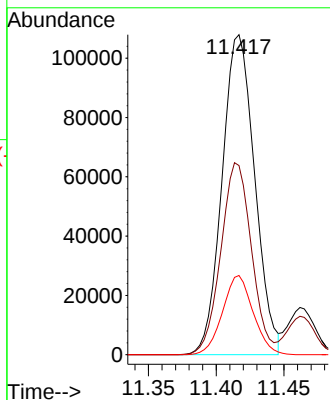
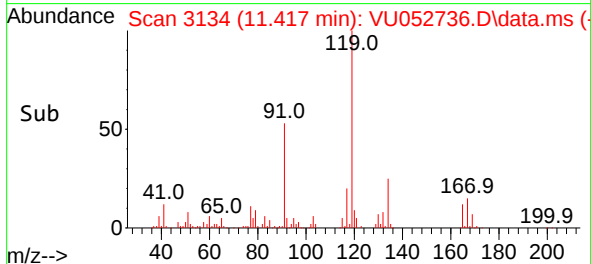
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



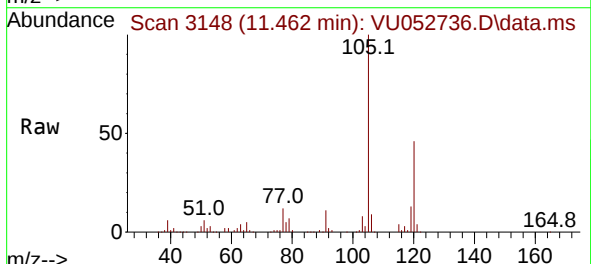
Tgt Ion:119 Resp: 181014
Ion Ratio Lower Upper
119 100
91 56.2 28.4 85.2
134 23.2 11.5 34.5

Manual Integrations
APPROVED

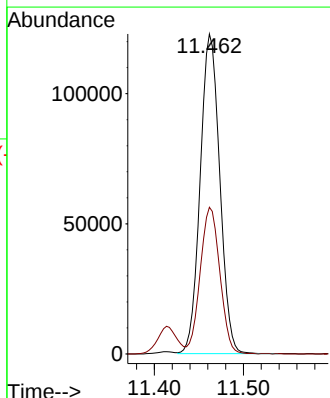
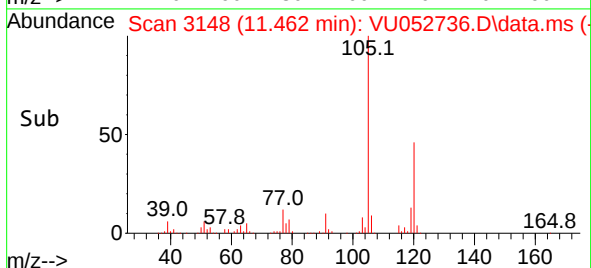
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

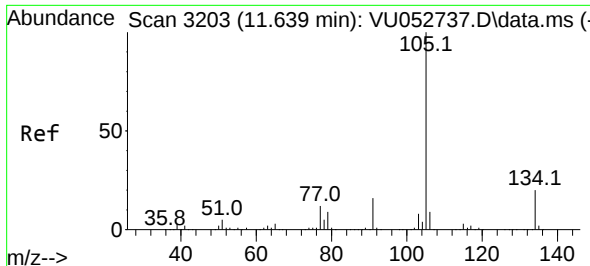


#84
1,2,4-Trimethylbenzene
Concen: 20.055 ug/l
RT: 11.462 min Scan# 3148
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45



Tgt Ion:105 Resp: 187055
Ion Ratio Lower Upper
105 100
120 46.0 23.2 69.5





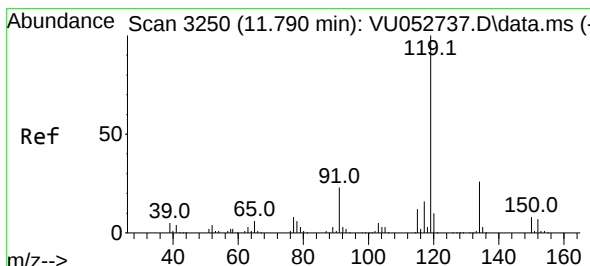
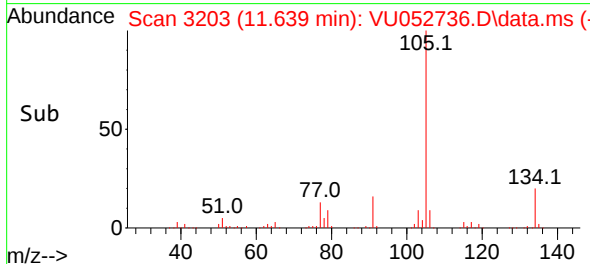
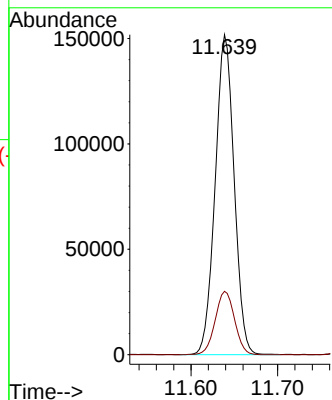
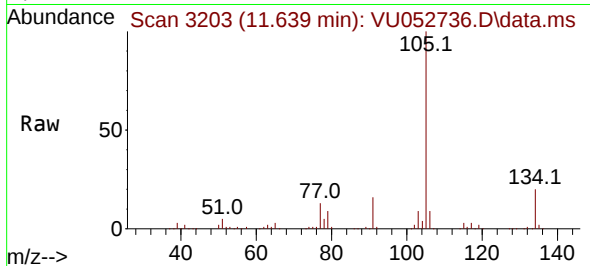
#85
 sec-Butylbenzene
 Concen: 19.418 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU052736.D
 Acq: 19 Jan 2023 13:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 230462
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.3

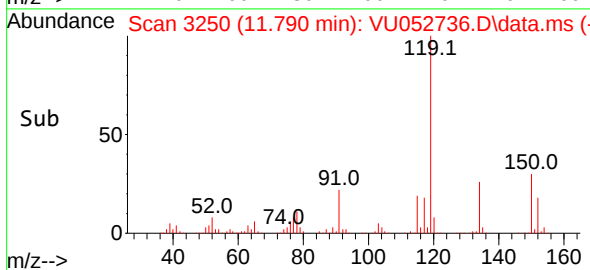
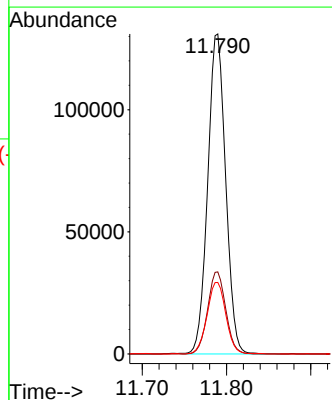
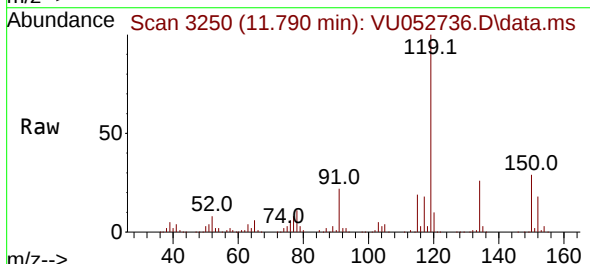
Manual Integrations
 APPROVED

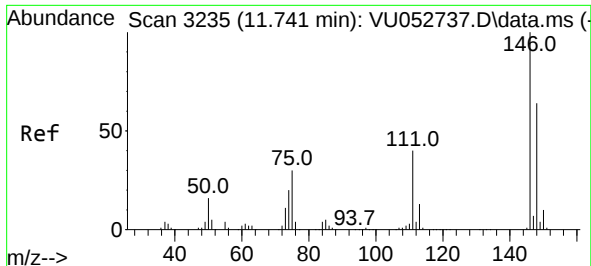
Reviewed By :John Carlone 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023



#86
 p-Isopropyltoluene
 Concen: 19.918 ug/l
 RT: 11.790 min Scan# 3250
 Delta R.T. 0.000 min
 Lab File: VU052736.D
 Acq: 19 Jan 2023 13:45

Tgt Ion:119 Resp: 193998
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.1
 91 23.5 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 19.387 ug/l

RT: 11.741 min Scan# 3235

Delta R.T. 0.000 min

Lab File: VU052736.D

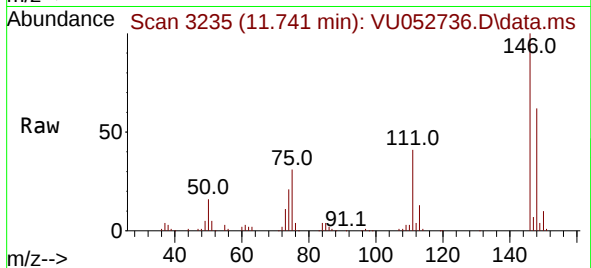
Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020



Tgt Ion:146 Resp: 105434

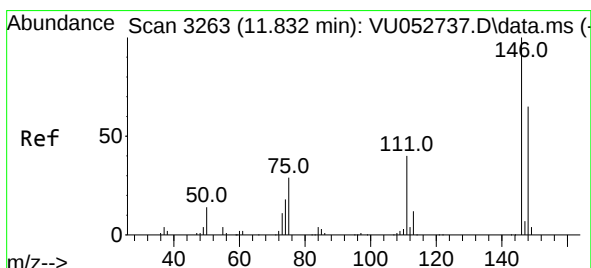
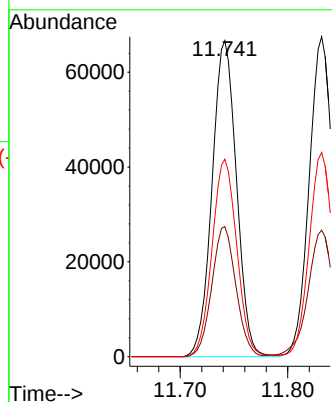
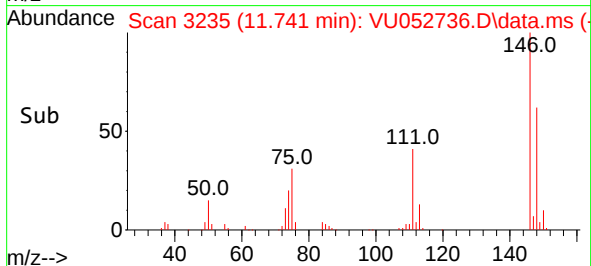
Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.1	60.2
148	63.1	31.6	94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#88

1,4-Dichlorobenzene

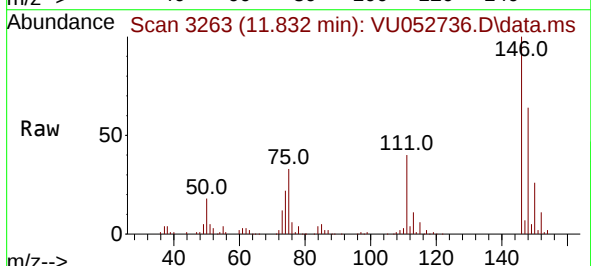
Concen: 18.832 ug/l

RT: 11.832 min Scan# 3263

Delta R.T. 0.000 min

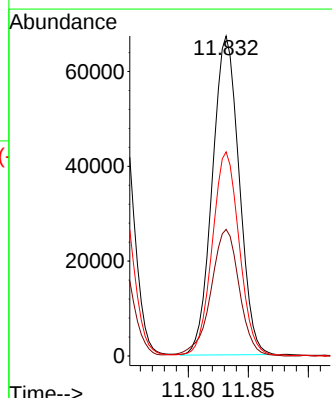
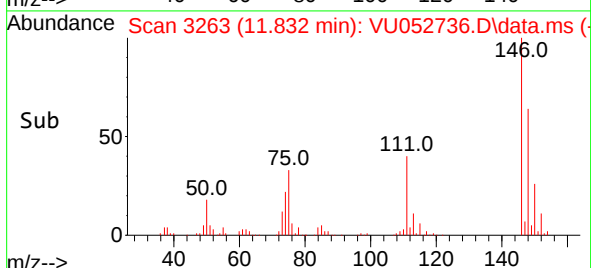
Lab File: VU052736.D

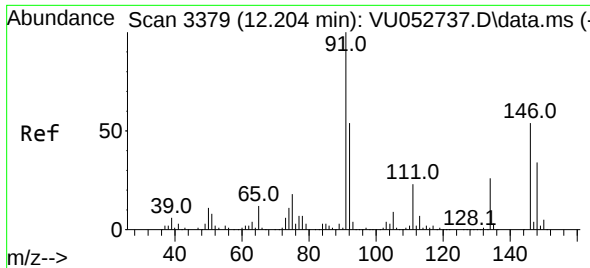
Acq: 19 Jan 2023 13:45



Tgt Ion:146 Resp: 104475

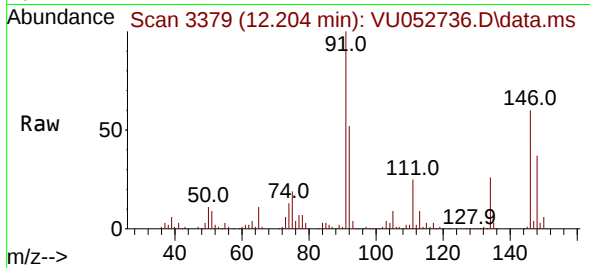
Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.3	61.0
148	64.5	32.3	96.8





#89
n-Butylbenzene
Concen: 17.737 ug/l
RT: 12.204 min Scan# 3379
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

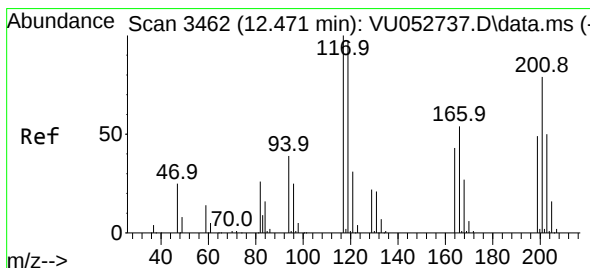
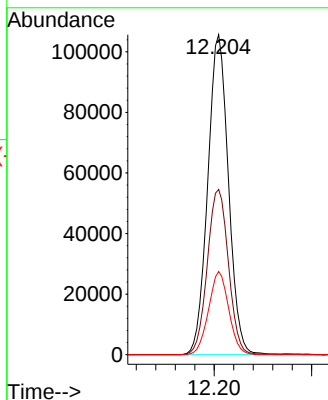
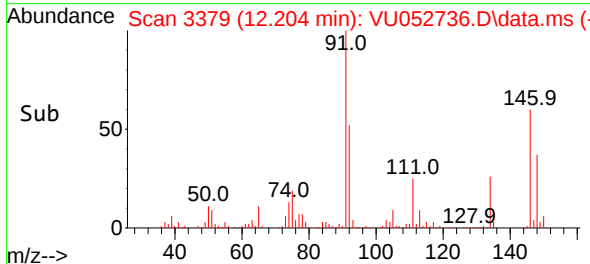
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 155759
Ion Ratio Lower Upper
91 100
92 52.9 26.8 80.3
134 25.4 13.1 39.3

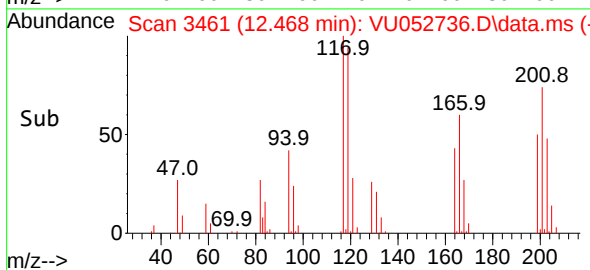
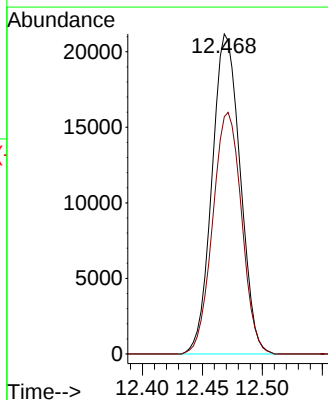
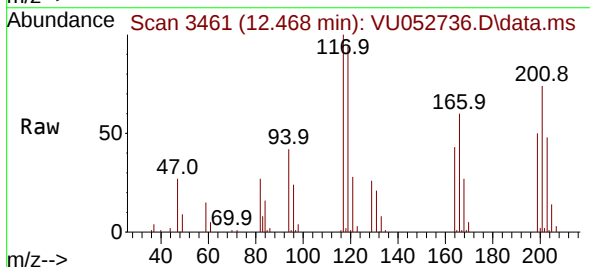
Manual Integrations
APPROVED

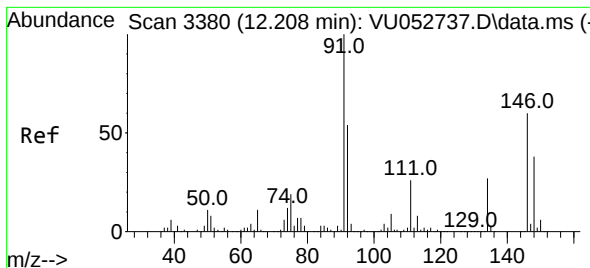
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#90
Hexachloroethane
Concen: 18.224 ug/l
RT: 12.468 min Scan# 3461
Delta R.T. -0.003 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Tgt Ion:117 Resp: 34614
Ion Ratio Lower Upper
117 100
201 77.4 39.3 117.9





#91

1,2-Dichlorobenzene

Concen: 19.378 ug/l

RT: 12.208 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

Tgt Ion:146 Resp: 10438

Ion Ratio Lower Upper

146 100

111 42.1 21.1 63.1

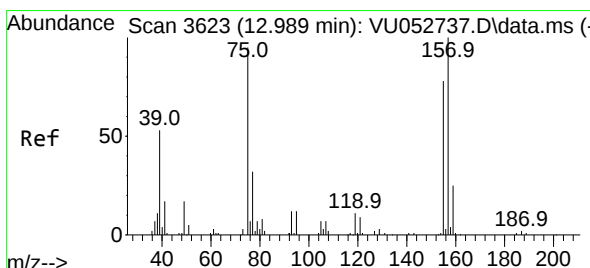
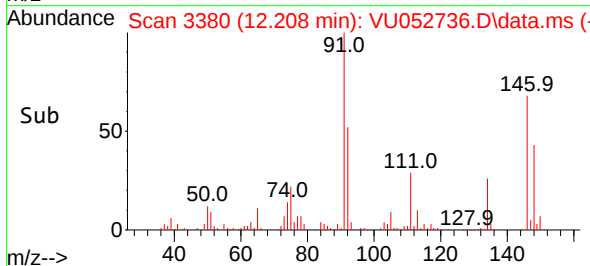
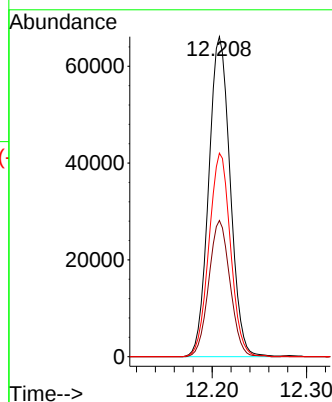
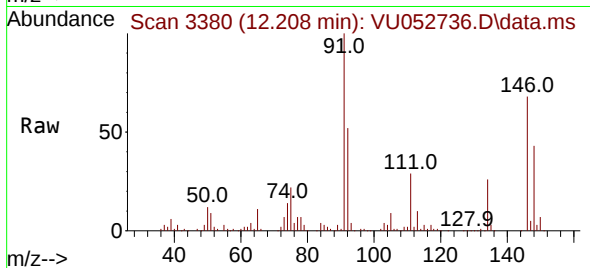
148 63.9 31.4 94.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.816 ug/l

RT: 12.992 min Scan# 3624

Delta R.T. 0.003 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

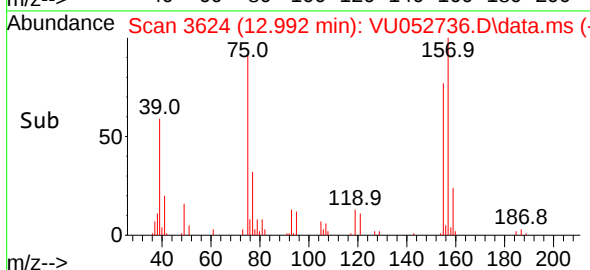
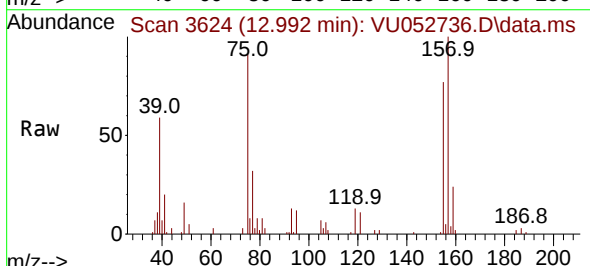
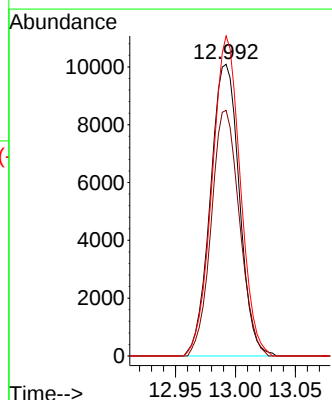
Tgt Ion: 75 Resp: 16922

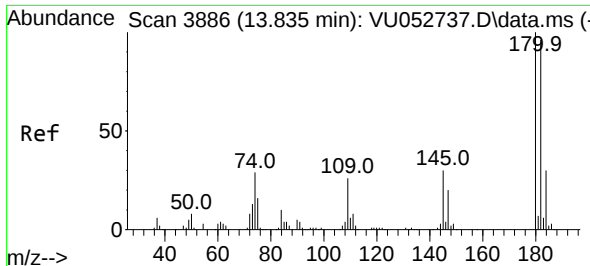
Ion Ratio Lower Upper

75 100

155 82.1 41.4 124.4

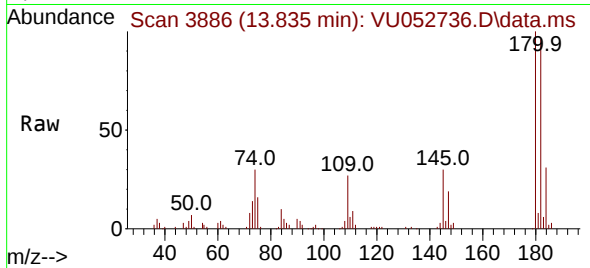
157 106.7 53.4 160.2





#93
1,2,4-Trichlorobenzene
Concen: 18.570 ug/l
RT: 13.835 min Scan# 3886
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

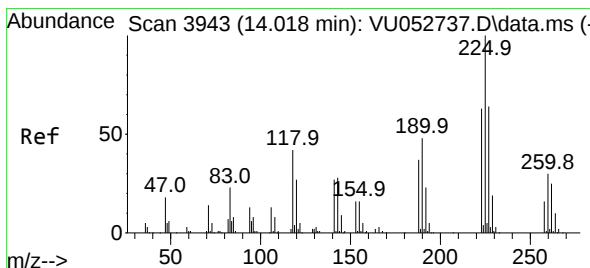
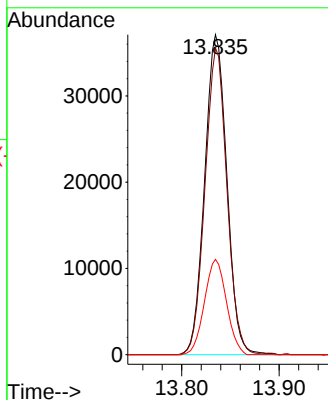
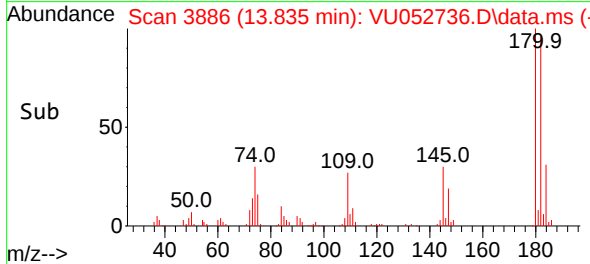
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



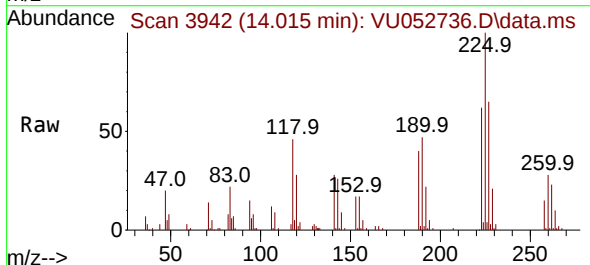
Tgt Ion:180 Resp: 58654
Ion Ratio Lower Upper
180 100
182 94.5 47.4 142.3
145 29.5 14.9 44.5

Manual Integrations
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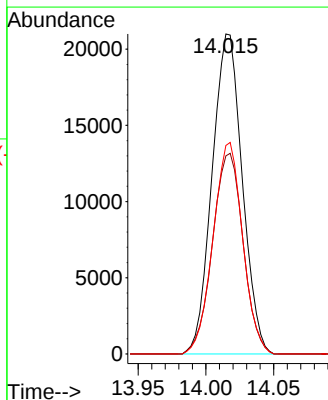
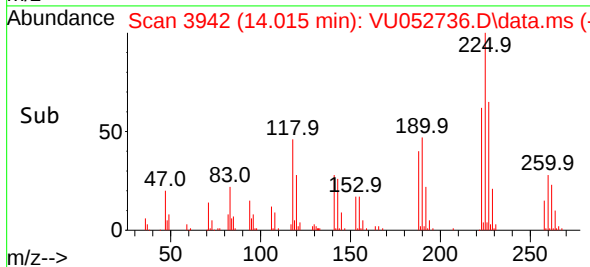
Reviewed By :John Carlone 01/20/2023
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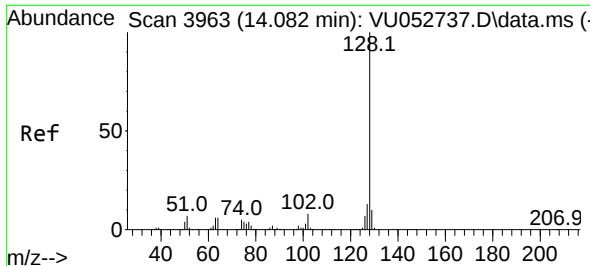


#94
Hexachlorobutadiene
Concen: 19.317 ug/l
RT: 14.015 min Scan# 3942
Delta R.T. -0.003 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45



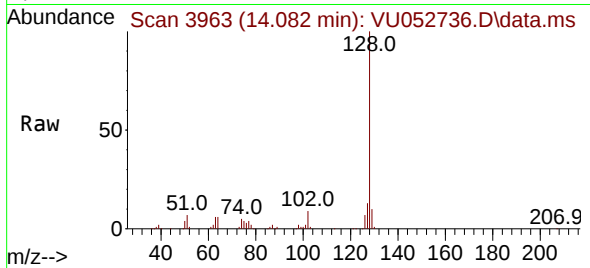
Tgt Ion:225 Resp: 32451
Ion Ratio Lower Upper
225 100
223 63.7 31.8 95.3
227 64.9 31.8 95.4





#95
Naphthalene
Concen: 17.863 ug/l
RT: 14.082 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

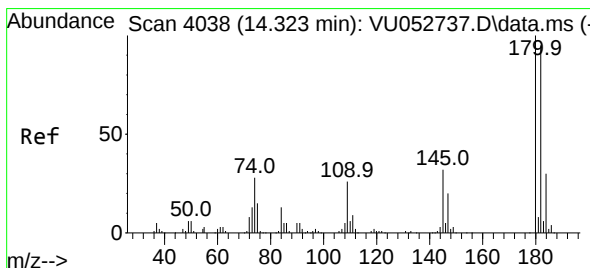
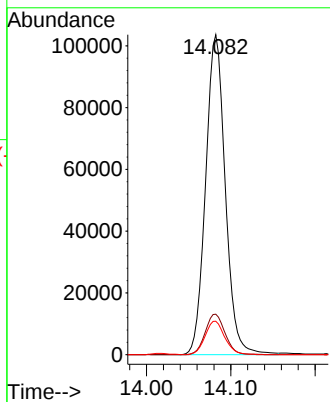
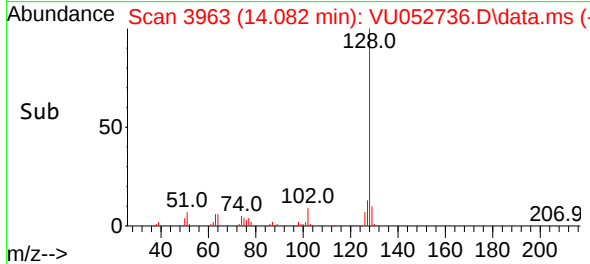
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



Tgt Ion:128 Resp: 16840
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.5 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 18.811 ug/l
RT: 14.323 min Scan# 4038
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Tgt Ion:180 Resp: 59629
Ion Ratio Lower Upper
180 100
182 94.5 48.1 144.3
145 32.4 15.8 47.4

