

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072123\
 Data File : VX036605.D
 Acq On : 21 Jul 2023 11:44
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 21 12:09:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 11:54:45 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/24/2023
 Supervised By : Mahesh Dadoda 07/24/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	196622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	341638	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	305407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139920	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	408250	143.910	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 287.820%#			
35) Dibromofluoromethane	5.391	113	335016	147.776	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 295.560%#			
50) Toluene-d8	8.653	98	1164929	138.887	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 277.780%#			
62) 4-Bromofluorobenzene	11.079	95	443871	146.403	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 292.800%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	351156	178.102	ug/l	98
3) Chloromethane	1.300	50	316594	103.317	ug/l	98
4) Vinyl Chloride	1.374	62	344282	103.045	ug/l	99
5) Bromomethane	1.617	94	207458	87.695	ug/l	100
6) Chloroethane	1.685	64	140861	59.403	ug/l	98
7) Trichlorofluoromethane	1.880	101	521439	102.203	ug/l	99
8) Diethyl Ether	2.136	74	199851	102.172	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.325	101	323529	144.268	ug/l	99
10) Methyl Iodide	2.453	142	349059	131.805	ug/l	92
11) Tert butyl alcohol	2.995	59	467721m	851.712	ug/l	
12) 1,1-Dichloroethene	2.319	96	314676	141.453	ug/l	89
13) Acrolein	2.239	56	285480	439.300	ug/l	98
14) Allyl chloride	2.666	41	592943	158.888	ug/l	93
15) Acrylonitrile	3.075	53	956780	725.768	ug/l	99
16) Acetone	2.392	43	799881	658.676	ug/l	91
17) Carbon Disulfide	2.514	76	844999	151.233	ug/l	98
18) Methyl Acetate	2.709	43	720931	144.356	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	1177002	159.422	ug/l	98
20) Methylene Chloride	2.788	84	358223	137.531	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	343113	142.954	ug/l	93
22) Diisopropyl ether	3.763	45	1119808	150.918	ug/l	86
23) Vinyl Acetate	3.727	43	4303503	790.847	ug/l	# 94
24) 1,1-Dichloroethane	3.611	63	664034	152.901	ug/l	98
25) 2-Butanone	4.568	43	1349542	760.455	ug/l	94
26) 2,2-Dichloropropane	4.477	77	606586	186.823	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	416490	153.666	ug/l	95
28) Bromochloromethane	4.903	49	305965	135.752	ug/l	93
29) Tetrahydrofuran	5.013	42	869531	765.854	ug/l	94
30) Chloroform	5.099	83	676888	154.398	ug/l	96
31) Cyclohexane	5.470	56	567200	153.374	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	617432	166.117	ug/l	98
36) 1,1-Dichloropropene	5.696	75	502412	148.276	ug/l	98
37) Ethyl Acetate	4.714	43	554921	157.390	ug/l	97
38) Carbon Tetrachloride	5.678	117	538690	170.126	ug/l	98
39) Methylcyclohexane	7.385	83	624380	153.554	ug/l	94
40) Benzene	6.037	78	1437971	150.961	ug/l	99

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 Supervised By : Mahesh Dadoda 07/24/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	302918	155.937	ug/l	94
42) 1,2-Dichloroethane	6.086	62	542225	150.640	ug/l	96
43) Isopropyl Acetate	6.342	43	952922	167.819	ug/l	96
44) Trichloroethene	7.129	130	385792	146.892	ug/l	99
45) 1,2-Dichloropropane	7.433	63	391031	151.522	ug/l	98
46) Dibromomethane	7.580	93	275786	151.552	ug/l	96
47) Bromodichloromethane	7.824	83	565905	169.164	ug/l	97
48) Methyl methacrylate	7.696	41	449421	160.281	ug/l	93
49) 1,4-Dioxane	7.714	88	173719	2845.541	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	2434377	681.062	ug/l	95
52) Toluene	8.720	92	903153	149.732	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	647802	187.188	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	669689	174.110	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	374364	149.607	ug/l	96
56) Ethyl methacrylate	9.116	69	614865	160.936	ug/l	95
57) 1,3-Dichloropropane	9.311	76	639057	148.716	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1473372	710.936	ug/l	98
59) 2-Hexanone	9.439	43	1820407	696.264	ug/l	94
60) Dibromochloromethane	9.525	129	426891	171.256	ug/l	100
61) 1,2-Dibromoethane	9.610	107	399980	150.699	ug/l	100
64) Tetrachloroethene	9.275	164	317953	145.690	ug/l	99
65) Chlorobenzene	10.079	112	956238	147.434	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	378842	169.614	ug/l	99
67) Ethyl Benzene	10.195	91	1720998	148.570	ug/l	98
68) m/p-Xylenes	10.305	106	1292612	288.805	ug/l	95
69) o-Xylene	10.640	106	642720	147.392	ug/l	97
70) Styrene	10.659	104	1063584	149.049	ug/l	99
71) Bromoform	10.799	173	298255	180.833	ug/l #	98
73) Isopropylbenzene	10.963	105	1643696	154.619	ug/l	97
74) N-amyl acetate	10.841	43	743774	172.033	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	532278	147.724	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	435851m	143.394	ug/l	
77) Bromobenzene	11.201	156	380857	146.232	ug/l	97
78) n-propylbenzene	11.305	91	1918071	154.207	ug/l	99
79) 2-Chlorotoluene	11.366	91	1141721	153.904	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	1355585	150.436	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	210707	205.985	ug/l #	85
82) 4-Chlorotoluene	11.457	91	1300496	151.060	ug/l	98
83) tert-Butylbenzene	11.713	119	1367975	157.829	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	1357502	151.998	ug/l	96
85) sec-Butylbenzene	11.890	105	1701204	155.007	ug/l	98
86) p-Isopropyltoluene	12.012	119	1409658	153.447	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	712712	148.883	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	713674	146.516	ug/l	99
89) n-Butylbenzene	12.335	91	1302435	159.080	ug/l	99
90) Hexachloroethane	12.536	117	295581	201.282	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	676168	143.760	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	138129	195.523	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	463145	159.891	ug/l	97
94) Hexachlorobutadiene	13.725	225	184496	155.085	ug/l	99
95) Naphthalene	13.774	128	1557775	162.289	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	460112	163.109	ug/l	99

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MSVOA_X
ClientSampleId :
VSTDICC150

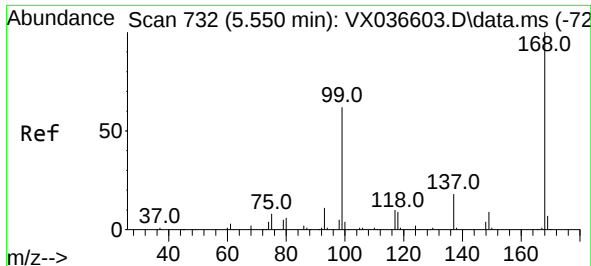
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 11:54:45 2023
Response via : Initial Calibration

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



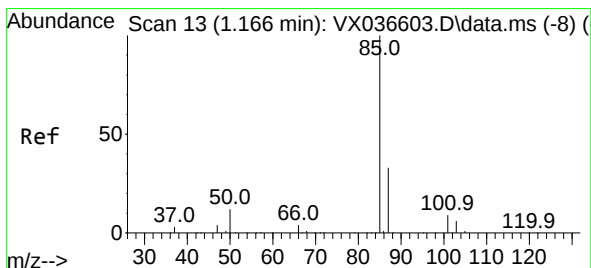
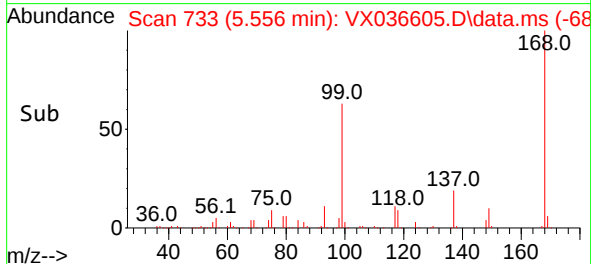
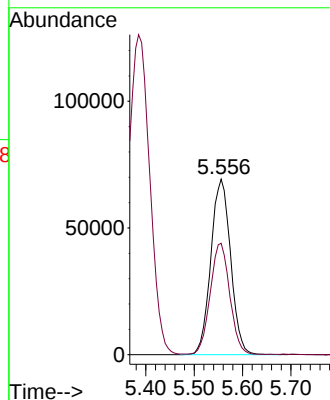
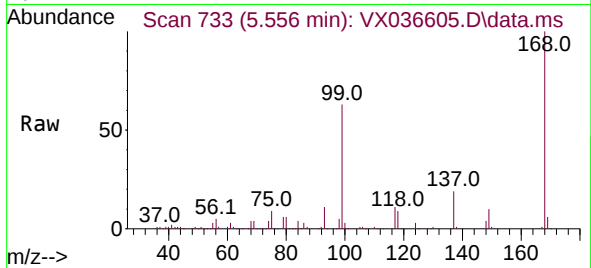
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:168 Resp: 19662
Ion Ratio Lower Upper
168 100
99 63.3 56.6 85.0

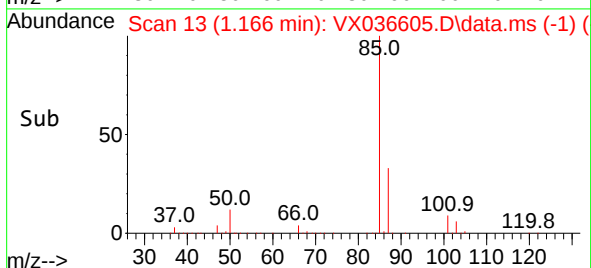
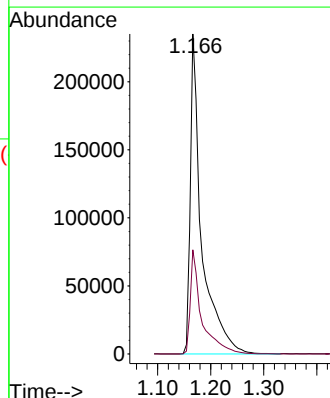
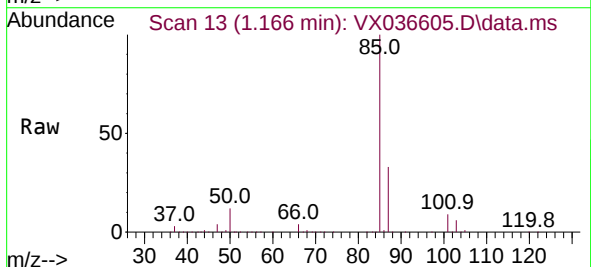
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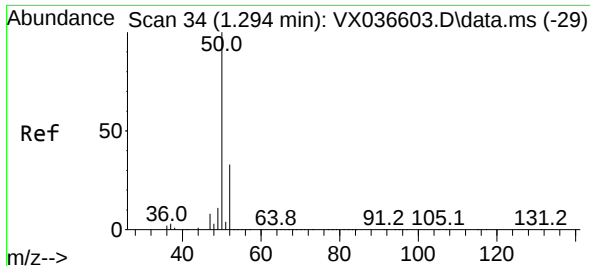
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#2
Dichlorodifluoromethane
Concen: 178.102 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

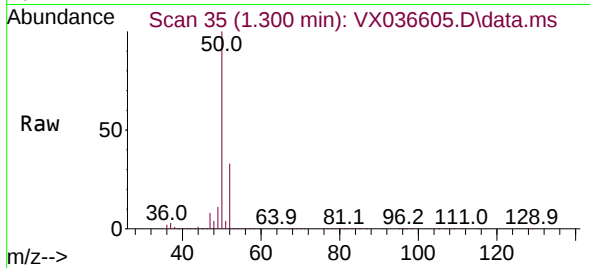
Tgt Ion: 85 Resp: 351156
Ion Ratio Lower Upper
85 100
87 32.5 16.7 50.1





#3
Chloromethane
Concen: 103.317 ug/l
RT: 1.300 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

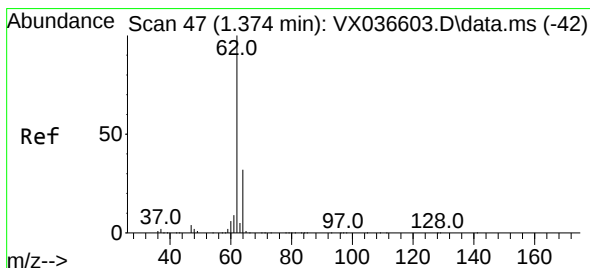
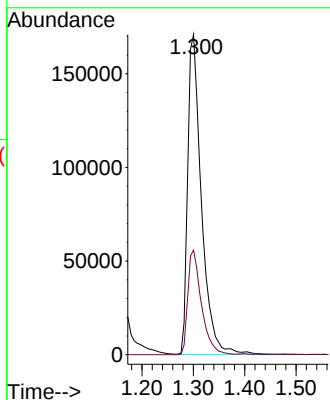
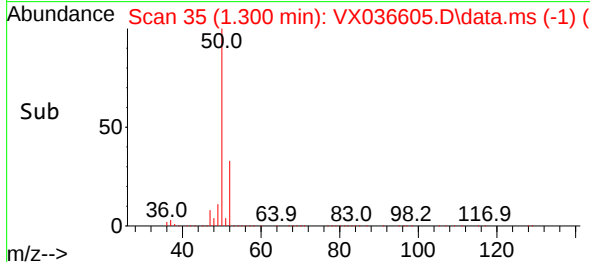
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 50 Resp: 316594
Ion Ratio Lower Upper
50 100
52 32.8 25.5 38.3

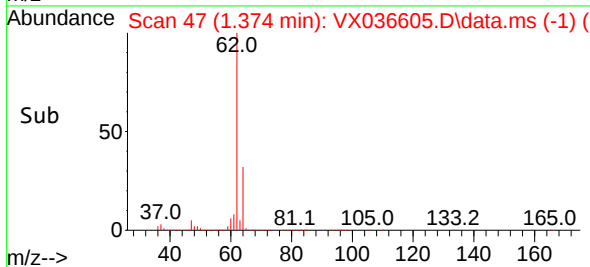
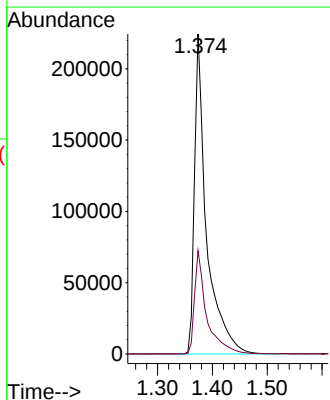
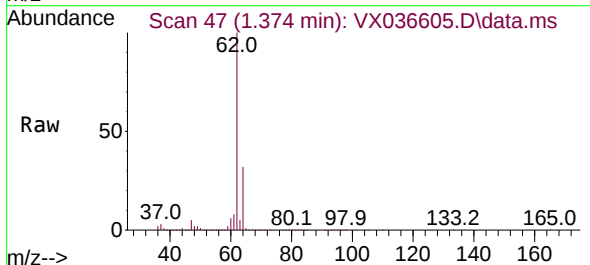
Manual Integrations
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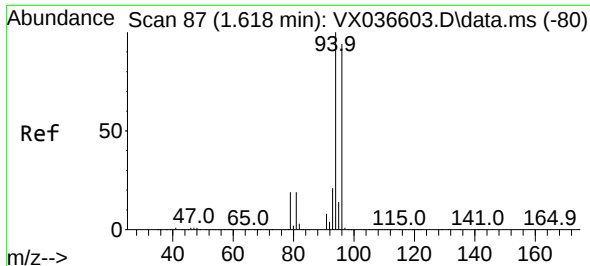
Reviewed By :John Carlone 07/24/2023
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#4
Vinyl Chloride
Concen: 103.045 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

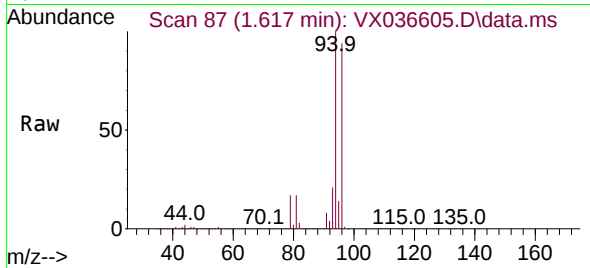
Tgt Ion: 62 Resp: 344282
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.0





#5
Bromomethane
Concen: 87.695 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

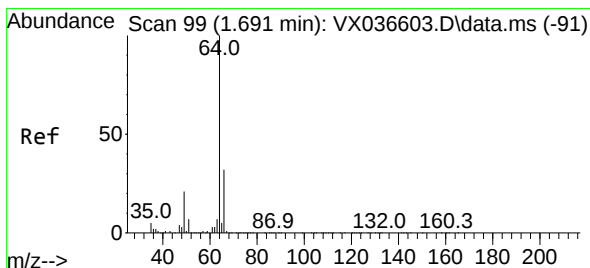
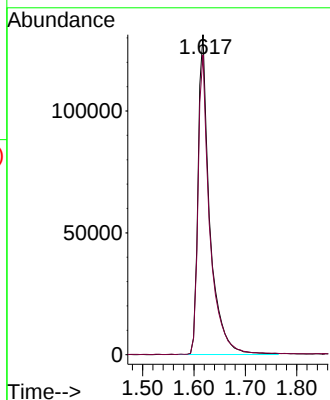
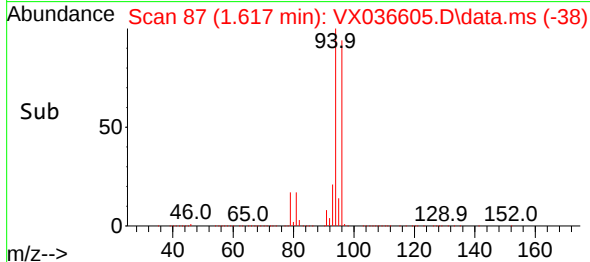
Instrument :
MSVOA_X
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VSTDIC150



Tgt Ion: 94 Resp: 207458
Ion Ratio Lower Upper
94 100
96 93.6 74.6 111.8

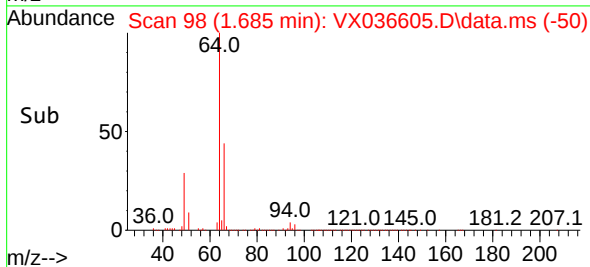
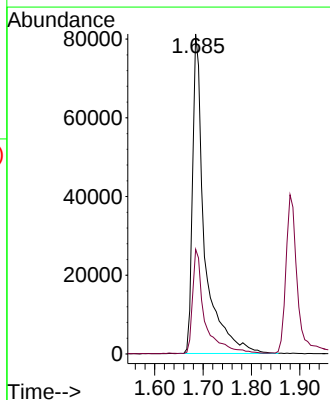
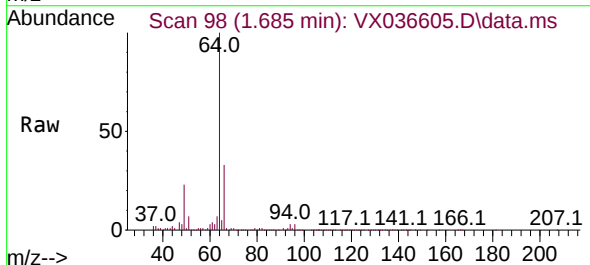
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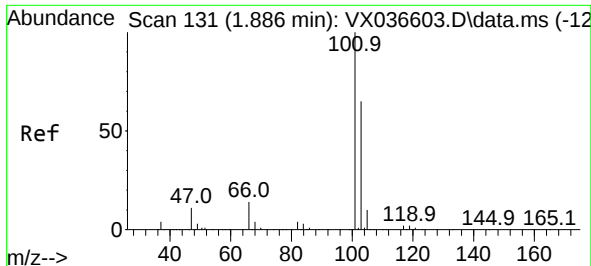
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#6
Chloroethane
Concen: 59.403 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

Tgt Ion: 64 Resp: 140861
Ion Ratio Lower Upper
64 100
66 32.6 25.1 37.7





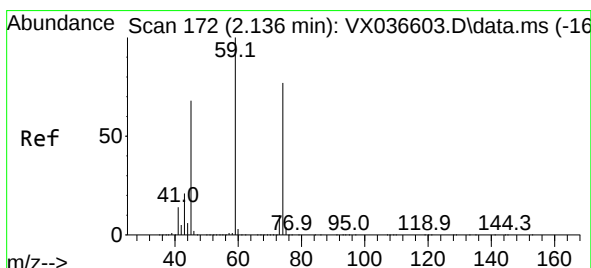
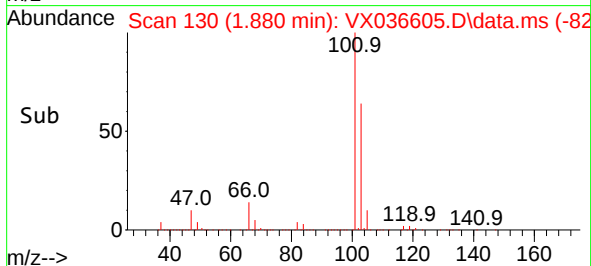
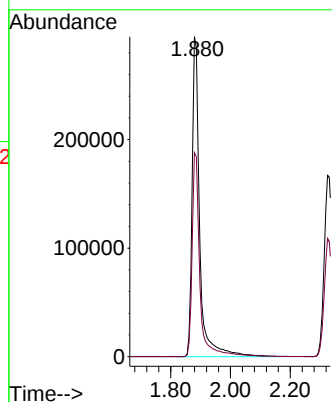
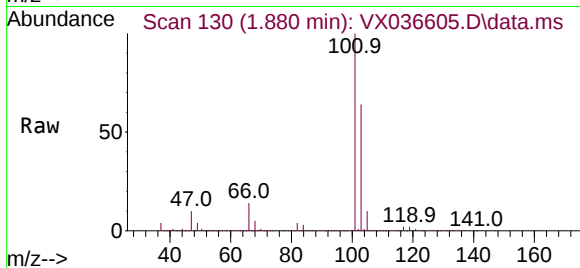
#7
Trichlorofluoromethane
Concen: 102.203 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 521439
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.2

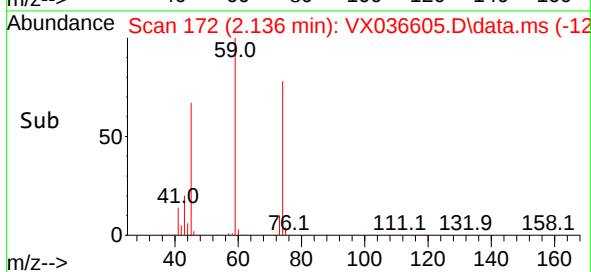
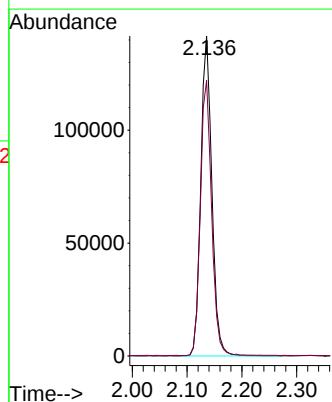
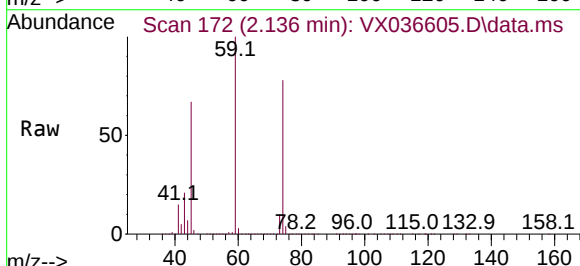
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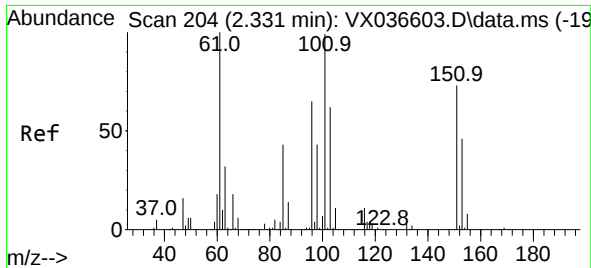
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#8
Diethyl Ether
Concen: 102.172 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

Tgt Ion: 74 Resp: 199851
Ion Ratio Lower Upper
74 100
45 87.2 53.3 159.8





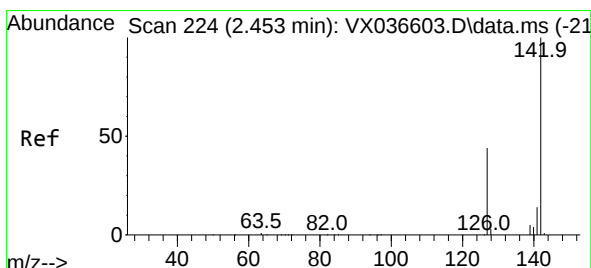
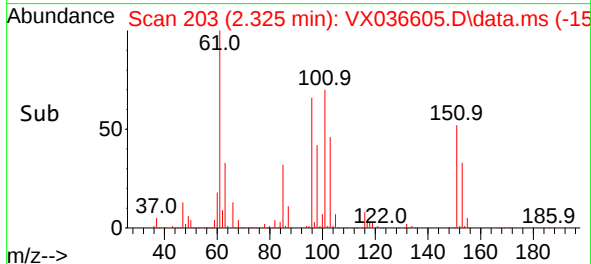
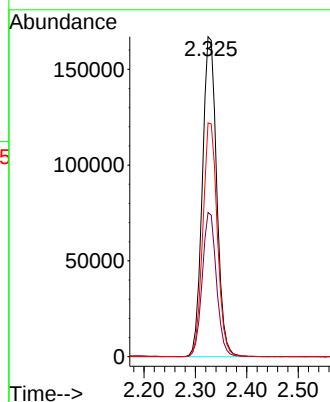
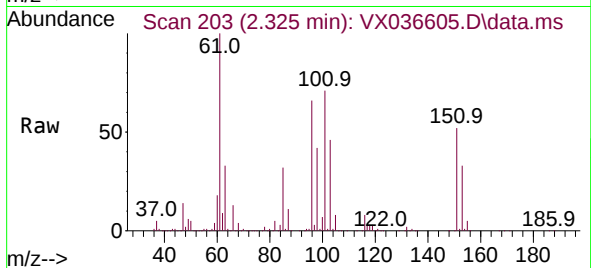
#9
1,1,2-Trichlorotrifluoroethane
Concen: 144.268 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 323529
Ion Ratio Lower Upper
101 100
85 44.7 37.0 55.6
151 73.4 58.6 87.8

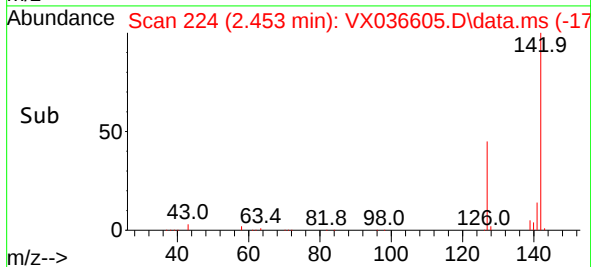
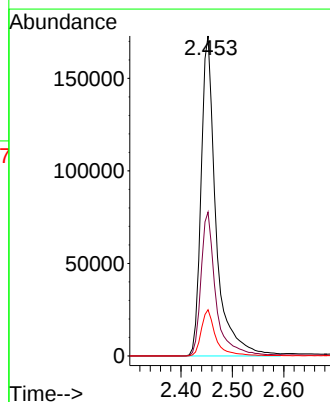
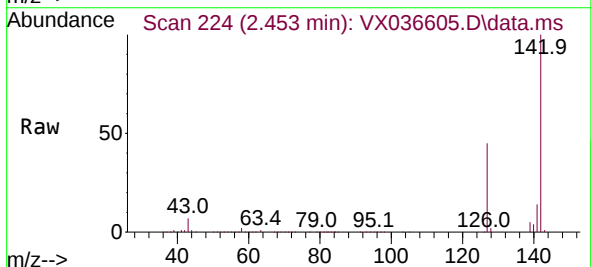
Manual Integrations
APPROVED

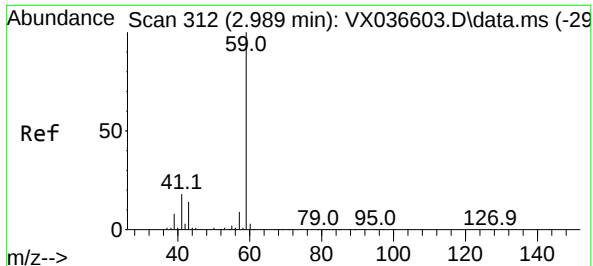
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#10
Methyl Iodide
Concen: 131.805 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

Tgt Ion:142 Resp: 349059
Ion Ratio Lower Upper
142 100
127 45.1 41.6 62.4
141 14.1 11.6 17.4





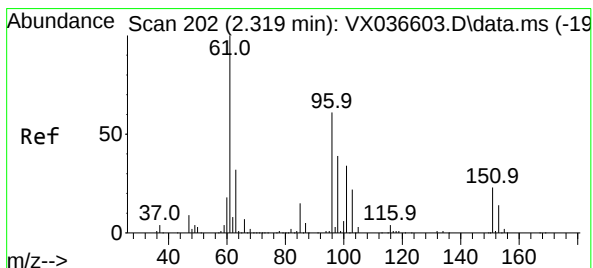
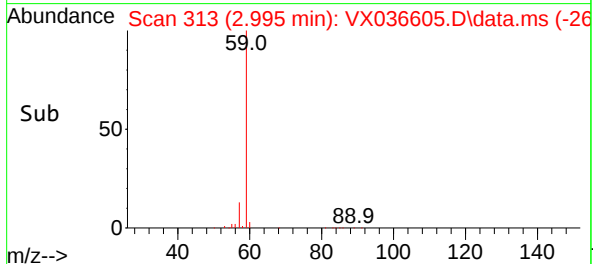
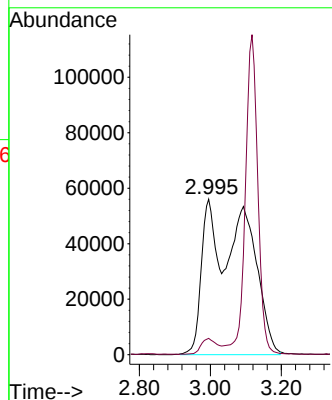
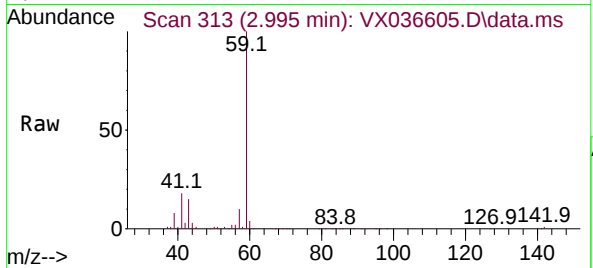
#11
Tert butyl alcohol
Concen: 851.712 ug/l m
RT: 2.995 min Scan# 312
Delta R.T. 0.006 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 59 Resp: 46772
Ion Ratio Lower Upper
59 100
57 3.9 6.0 9.0

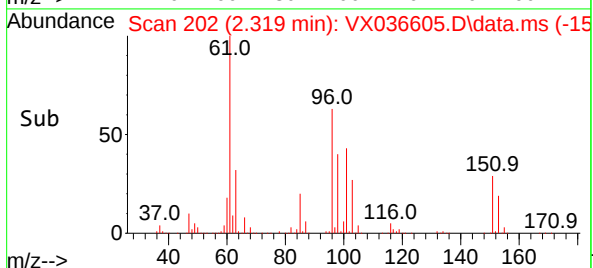
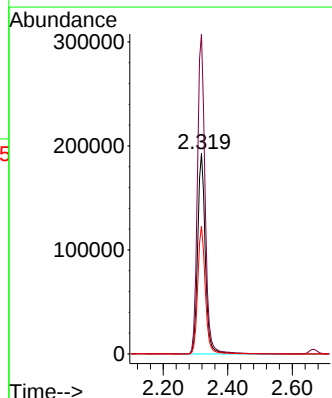
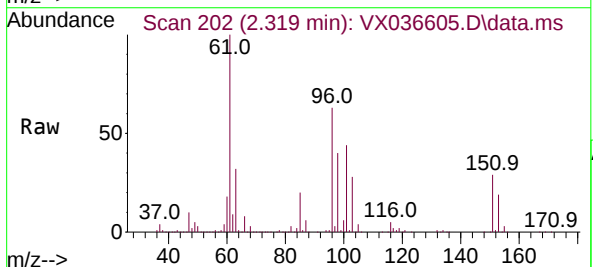
Manual Integrations
APPROVED

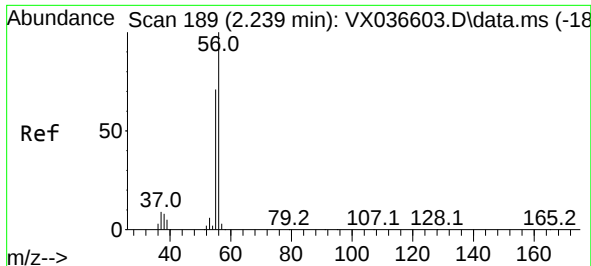
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#12
1,1-Dichloroethene
Concen: 141.453 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

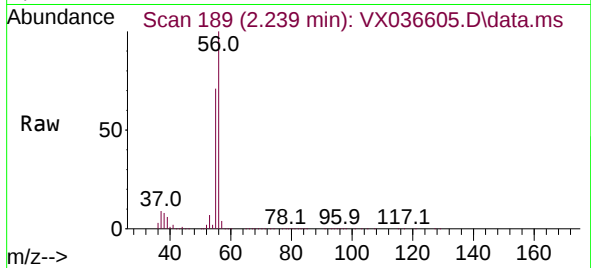
Tgt Ion: 96 Resp: 314676
Ion Ratio Lower Upper
96 100
61 159.6 144.6 216.8
98 63.7 50.4 75.6





#13
Acrolein
Concen: 439.300 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

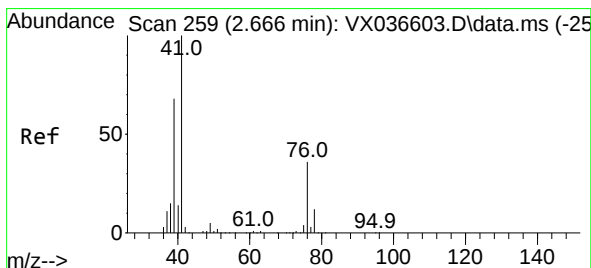
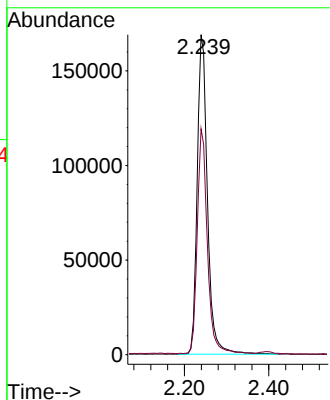
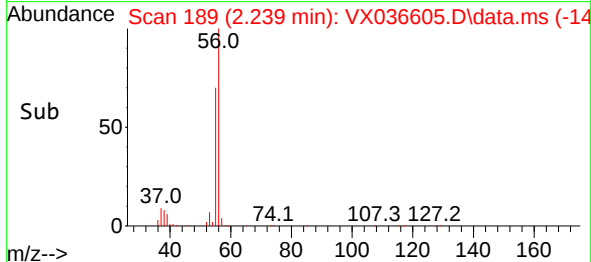
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 285480
Ion Ratio Lower Upper
56 100
55 69.5 57.1 85.7

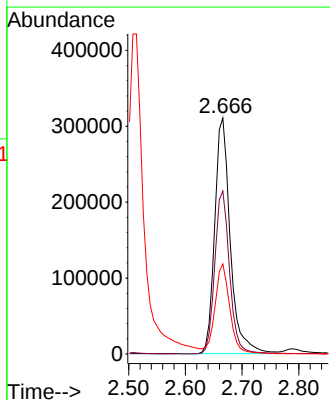
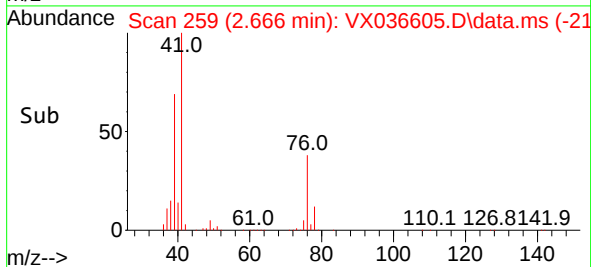
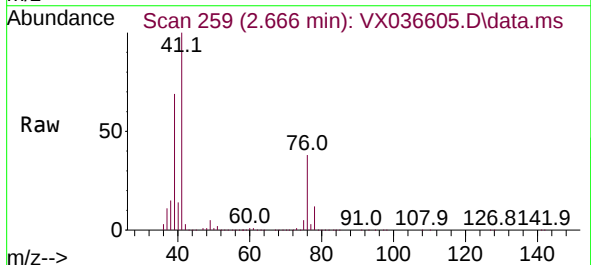
Manual Integrations
APPROVED

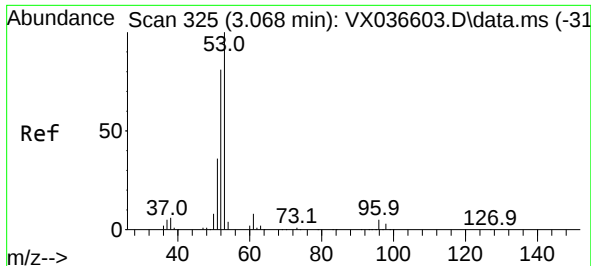
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#14
Allyl chloride
Concen: 158.888 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

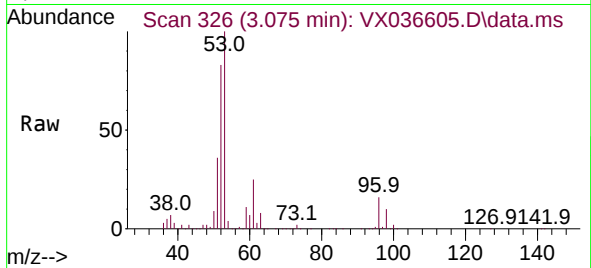
Tgt Ion: 41 Resp: 592943
Ion Ratio Lower Upper
41 100
39 65.7 55.8 83.6
76 36.5 24.3 36.5





#15
Acrylonitrile
Concen: 725.768 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

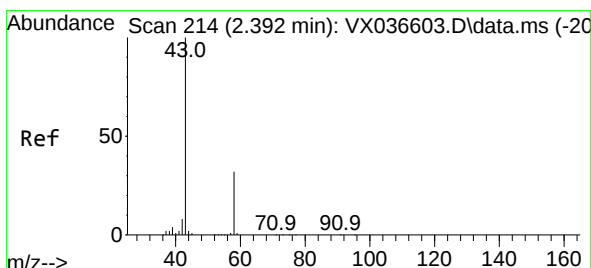
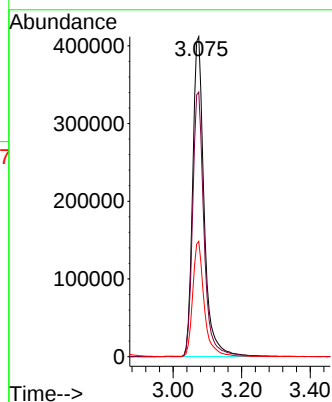
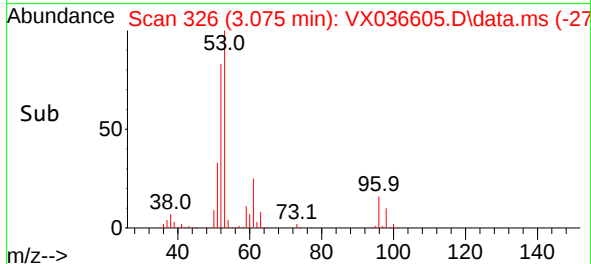
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 53 Resp: 956780
Ion Ratio Lower Upper
53 100
52 82.6 66.0 99.0
51 36.1 29.8 44.6

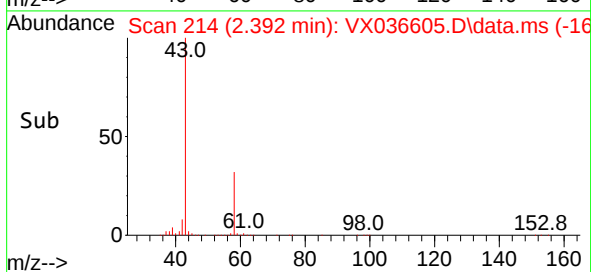
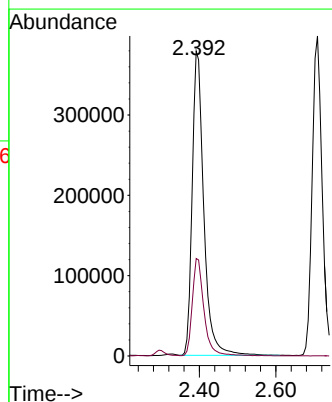
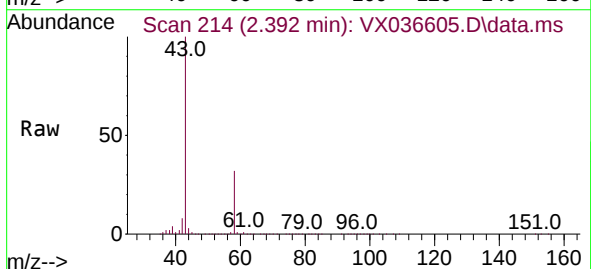
Manual Integrations
APPROVED

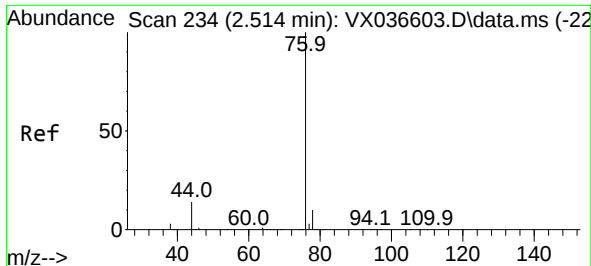
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#16
Acetone
Concen: 658.676 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

Tgt Ion: 43 Resp: 799881
Ion Ratio Lower Upper
43 100
58 32.0 21.9 32.9





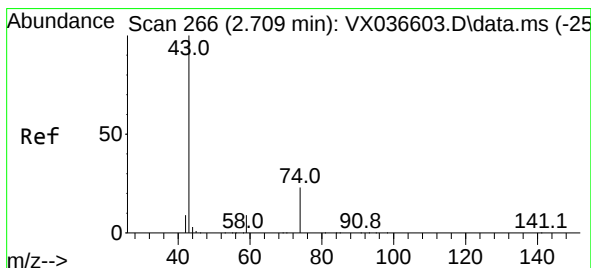
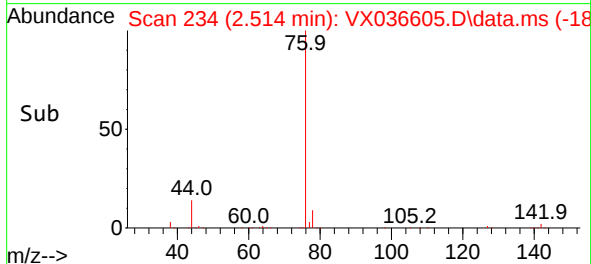
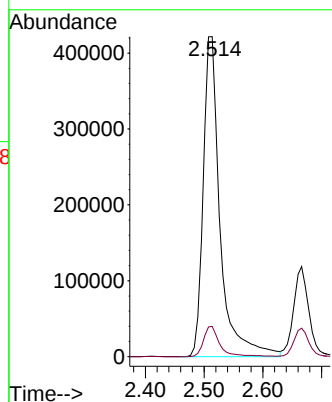
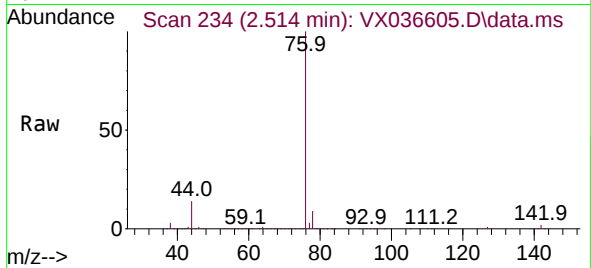
#17
Carbon Disulfide
Concen: 151.233 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 76 Resp: 844999
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

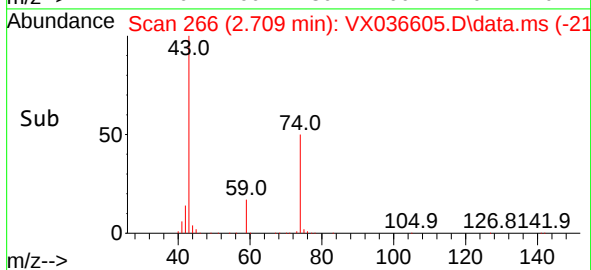
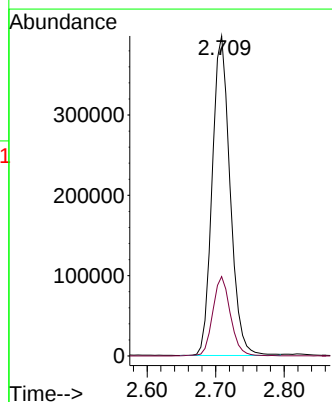
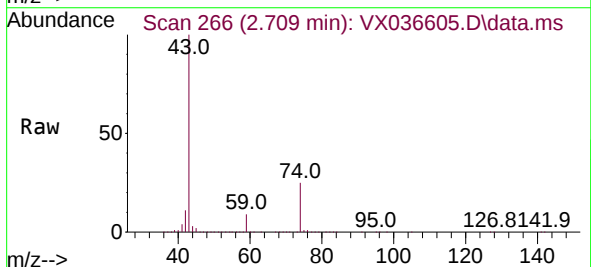
Manual Integrations
APPROVED

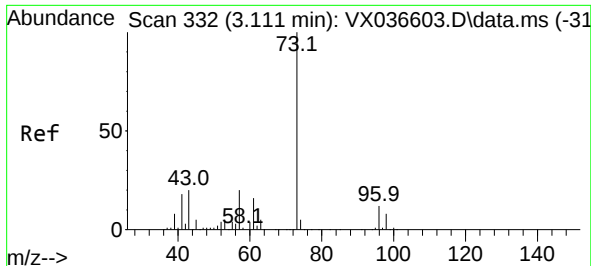
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#18
Methyl Acetate
Concen: 144.356 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

Tgt Ion: 43 Resp: 720931
Ion Ratio Lower Upper
43 100
74 24.8 17.8 26.8





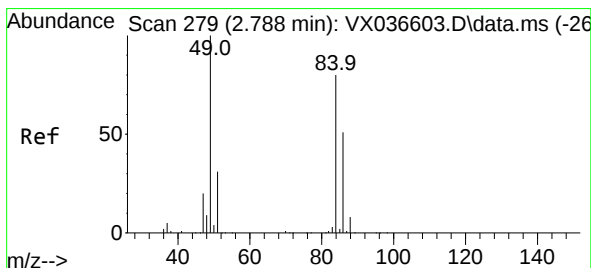
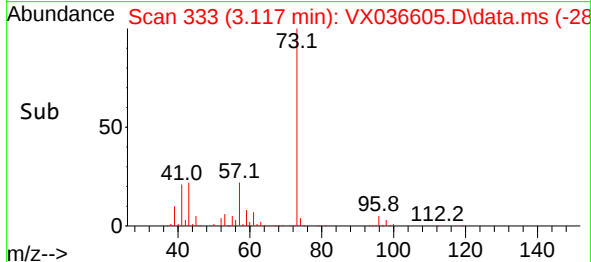
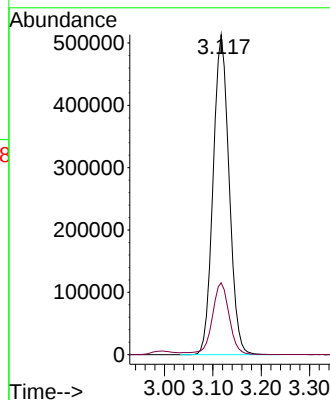
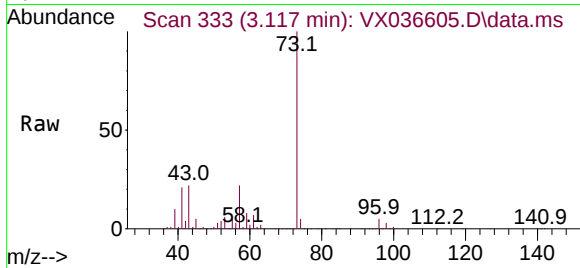
#19
Methyl tert-butyl Ether
Concen: 159.422 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 73 Resp: 117700
Ion Ratio Lower Upper
73 100
57 22.4 17.3 25.9

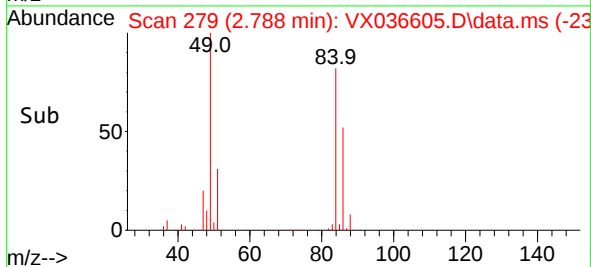
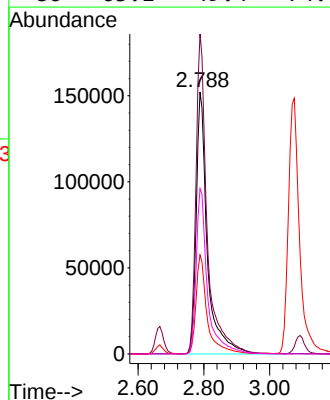
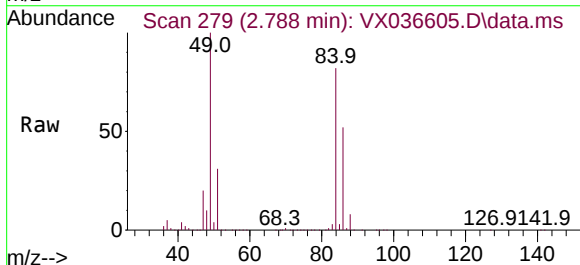
Manual Integrations
APPROVED

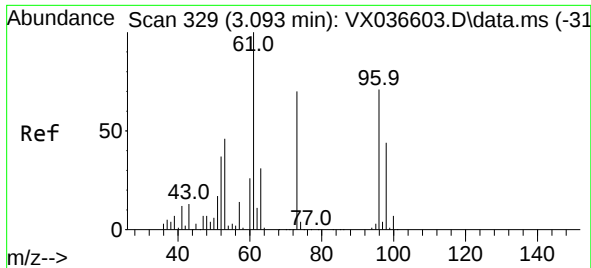
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#20
Methylene Chloride
Concen: 137.531 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

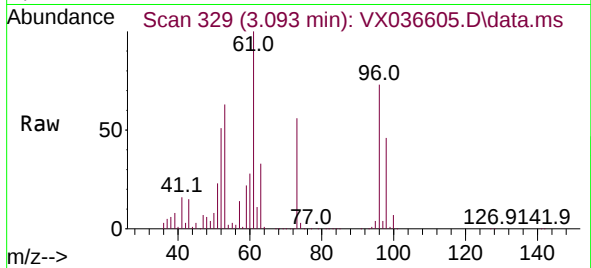
Tgt Ion: 84 Resp: 358223
Ion Ratio Lower Upper
84 100
49 122.1 103.6 155.4
51 37.8 33.8 50.6
86 63.1 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 142.954 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

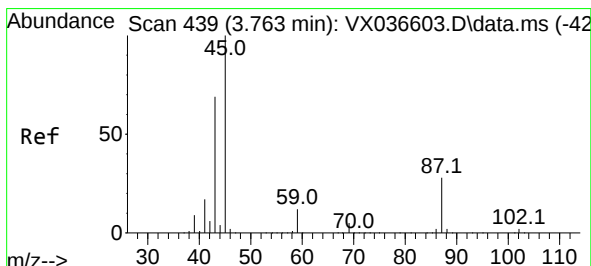
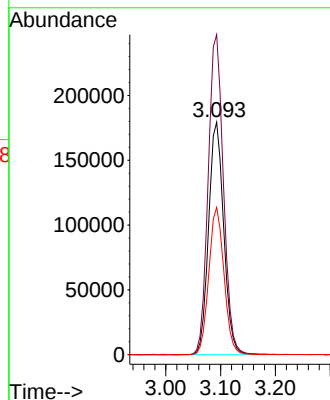
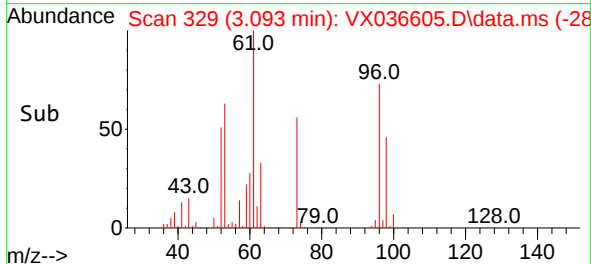
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



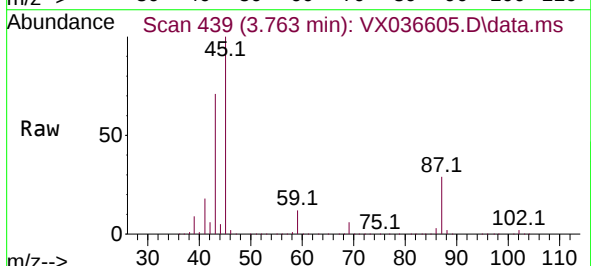
Tgt Ion: 96 Resp: 34311
Ion Ratio Lower Upper
96 100
61 137.6 119.2 178.8
98 63.3 48.7 73.1

Manual Integrations
APPROVED

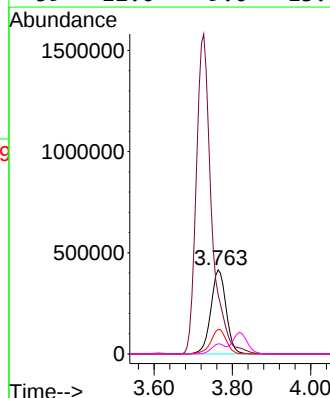
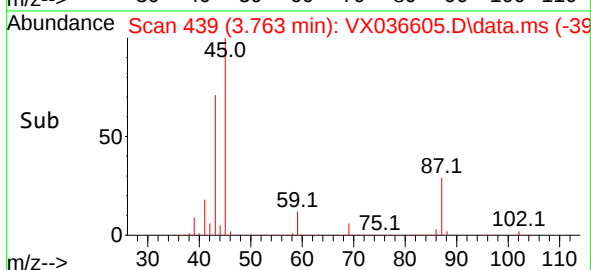
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

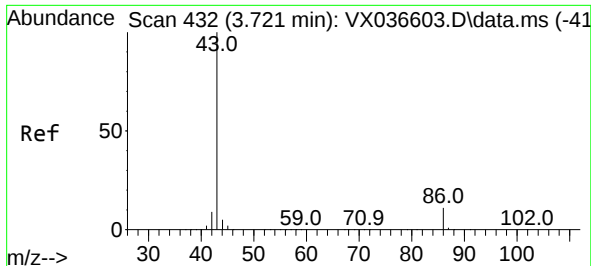


#22
Diisopropyl ether
Concen: 150.918 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44



Tgt Ion: 45 Resp: 1119808
Ion Ratio Lower Upper
45 100
43 70.5 69.7 104.5
87 29.3 20.8 31.2
59 12.0 9.0 13.4





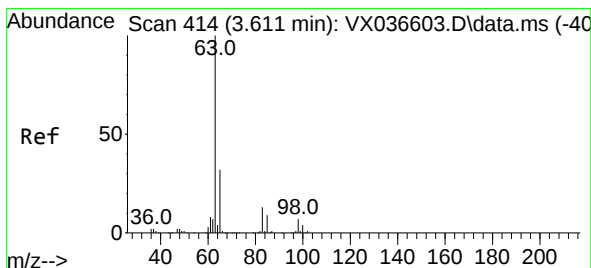
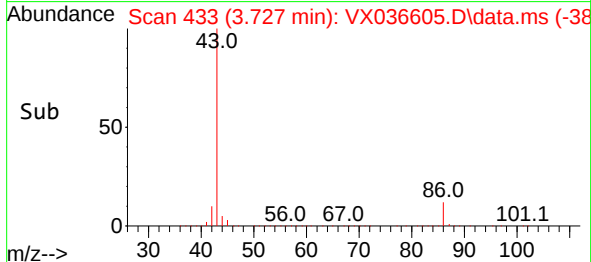
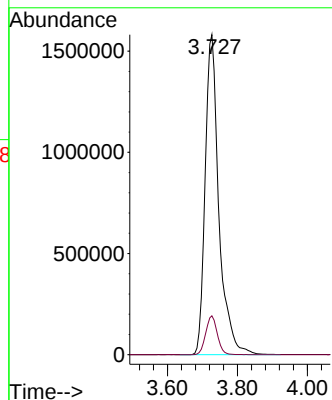
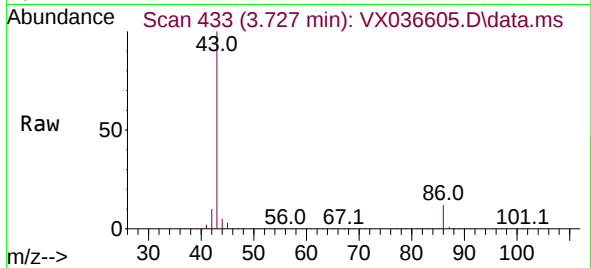
#23
 Vinyl Acetate
 Concen: 790.847 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX036605.D
 Acq: 21 Jul 2023 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Tgt Ion: 43 Resp: 430350
 Ion Ratio Lower Upper
 43 100
 86 12.2 7.8 11.8

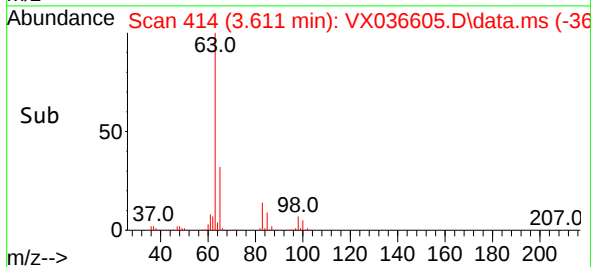
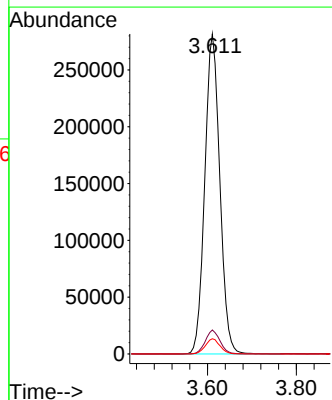
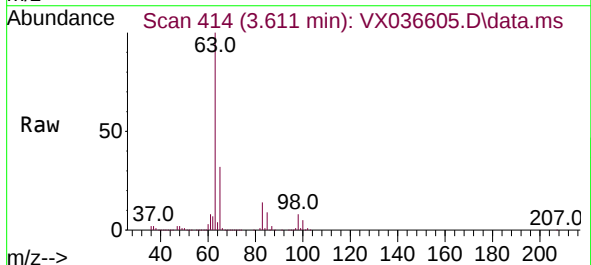
Manual Integrations
 APPROVED

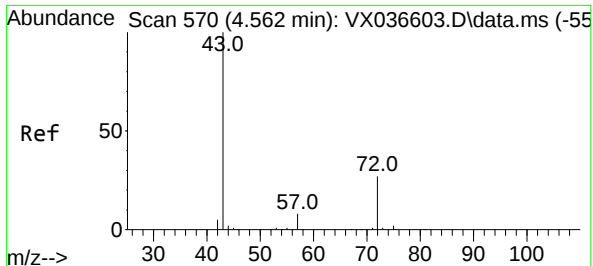
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023



#24
 1,1-Dichloroethane
 Concen: 152.901 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX036605.D
 Acq: 21 Jul 2023 11:44

Tgt Ion: 63 Resp: 664034
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.3 9.8
 100 4.7 2.1 6.5





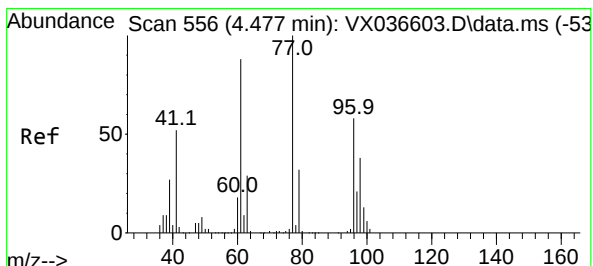
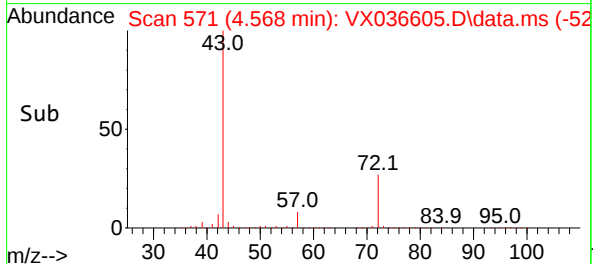
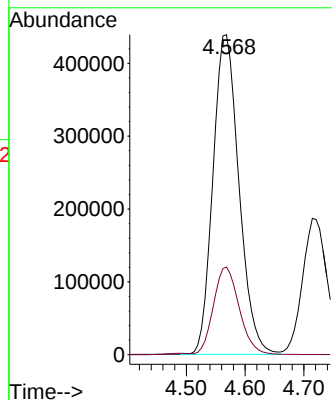
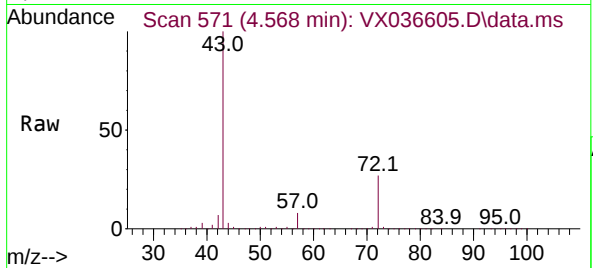
#25
2-Butanone
Concen: 760.455 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 134954
Ion Ratio Lower Upper
43 100
72 27.3 19.4 29.2

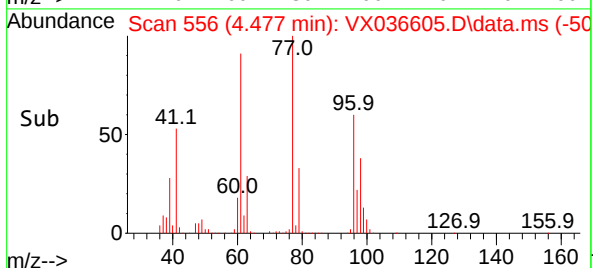
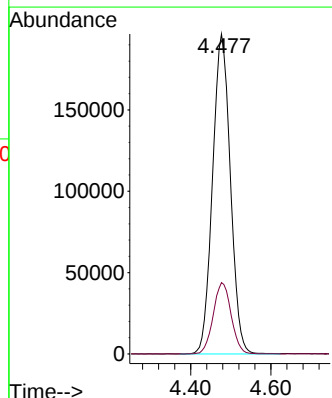
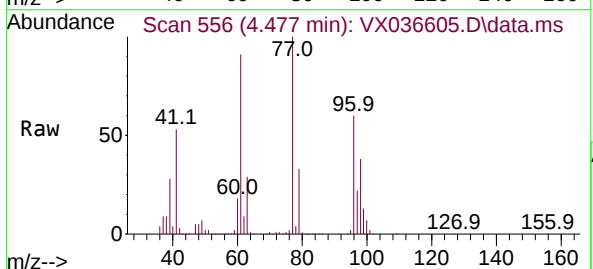
Manual Integrations
APPROVED

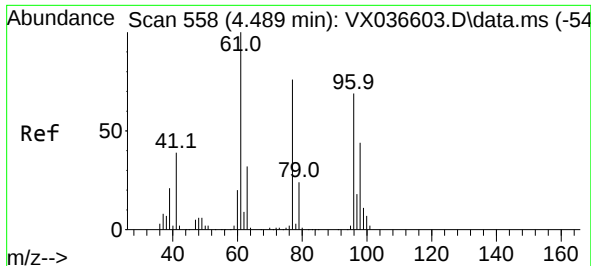
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#26
2,2-Dichloropropane
Concen: 186.823 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

Tgt Ion: 77 Resp: 606586
Ion Ratio Lower Upper
77 100
97 22.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 153.666 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX036605.D

Acq: 21 Jul 2023 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 96 Resp: 416490

Ion Ratio Lower Upper

96 100

61 146.6 0.0 312.2

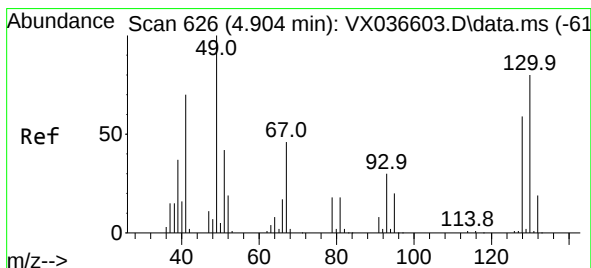
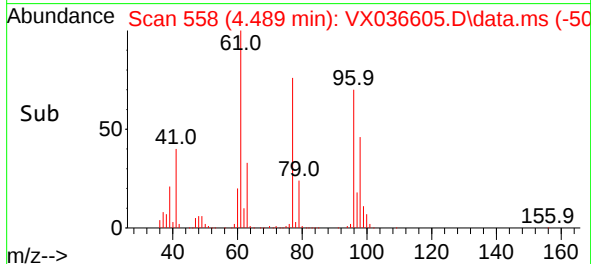
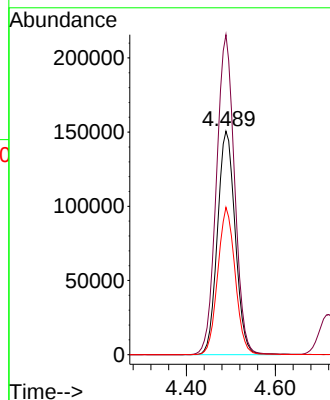
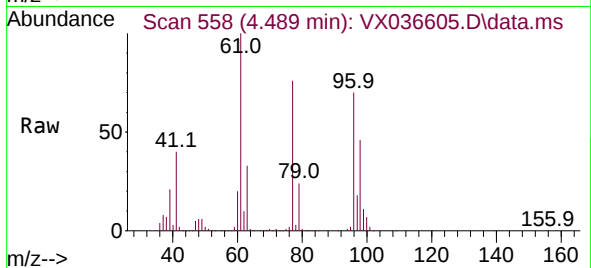
98 64.9 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#28

Bromochloromethane

Concen: 135.752 ug/l

RT: 4.903 min Scan# 626

Delta R.T. -0.000 min

Lab File: VX036605.D

Acq: 21 Jul 2023 11:44

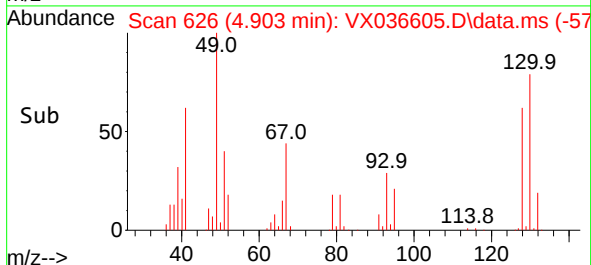
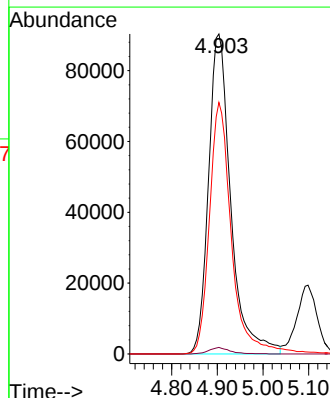
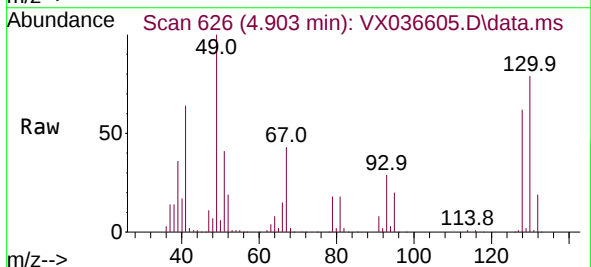
Tgt Ion: 49 Resp: 305965

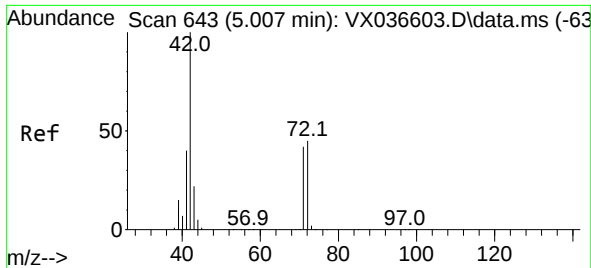
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

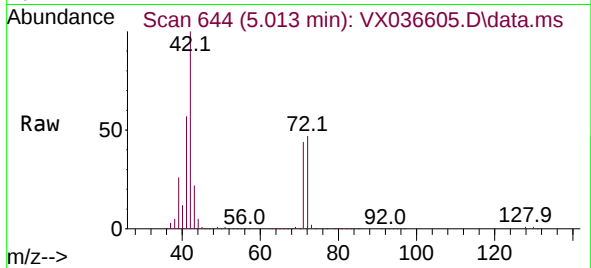
130 78.2 57.5 86.3





#29
Tetrahydrofuran
Concen: 765.854 ug/l
RT: 5.013 min Scan# 643
Delta R.T. 0.006 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

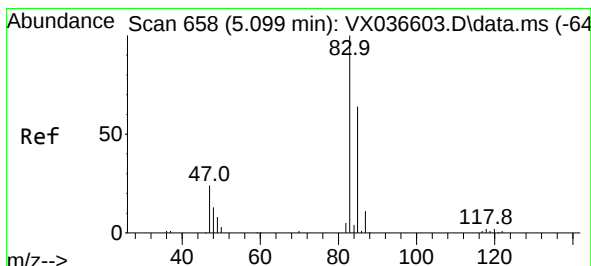
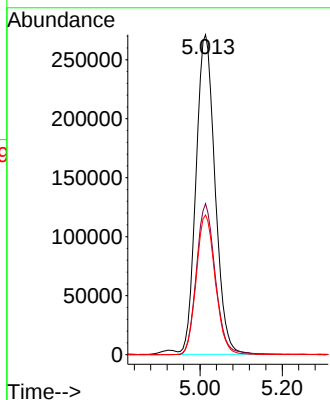
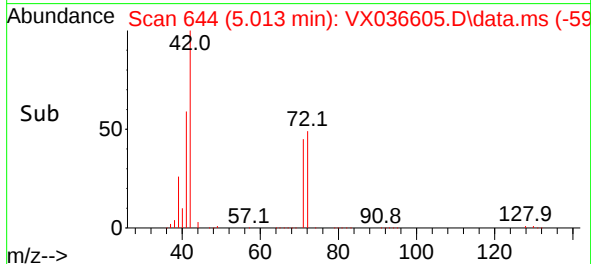
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 42 Resp: 86953
Ion Ratio Lower Upper
42 100
72 47.1 34.2 51.4
71 43.6 32.2 48.2

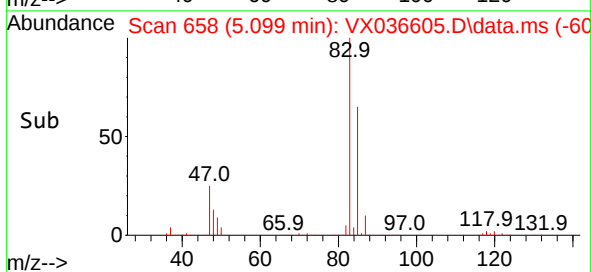
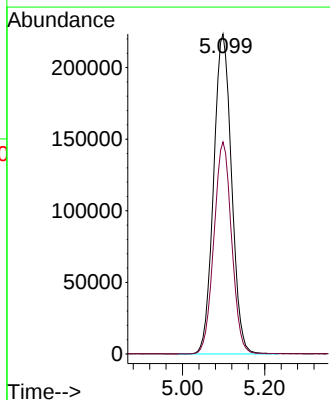
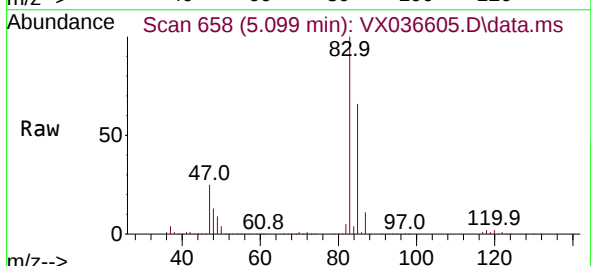
Manual Integrations
APPROVED

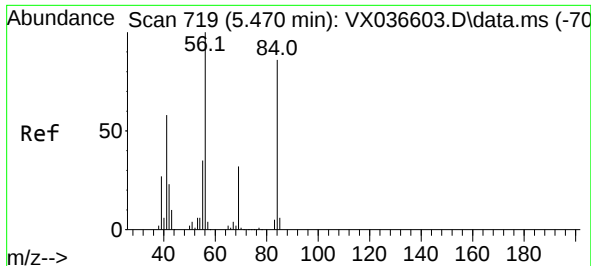
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#30
Chloroform
Concen: 154.398 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

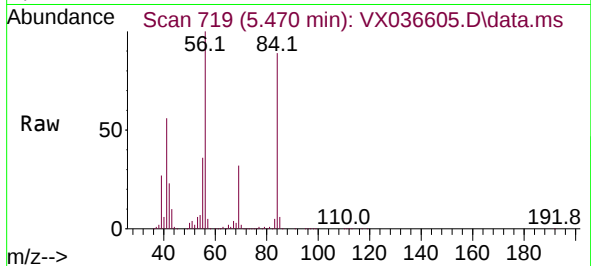
Tgt Ion: 83 Resp: 676888
Ion Ratio Lower Upper
83 100
85 66.2 50.3 75.5





#31
Cyclohexane
Concen: 153.374 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

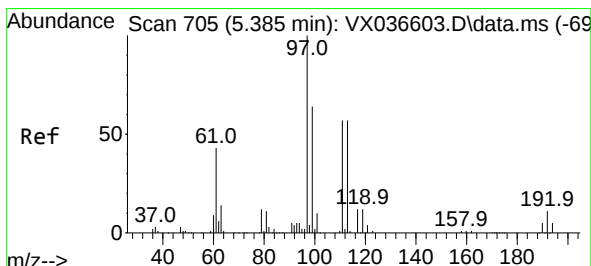
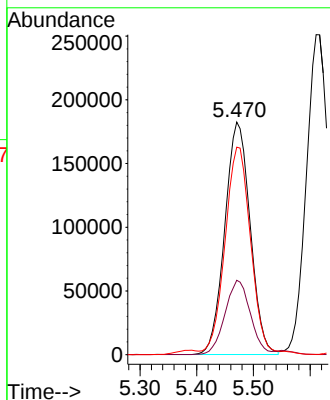
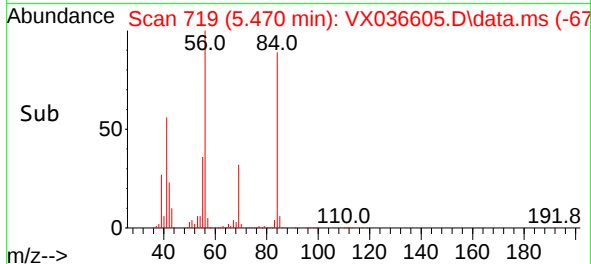
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



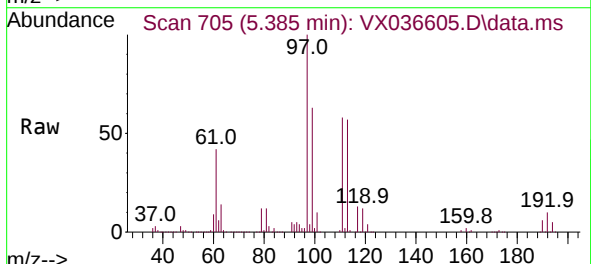
Tgt Ion: 56 Resp: 567200
Ion Ratio Lower Upper
56 100
69 32.0 23.4 35.2
84 88.1 65.9 98.9

Manual Integrations
APPROVED

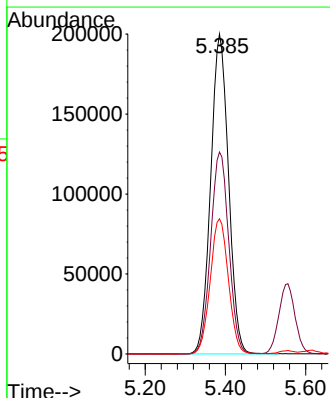
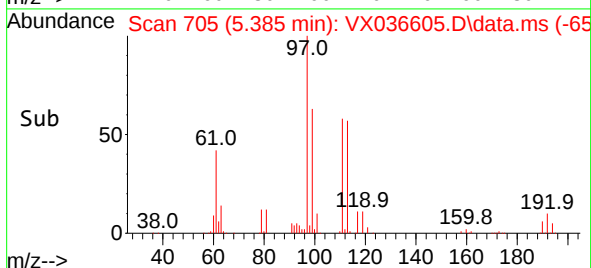
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

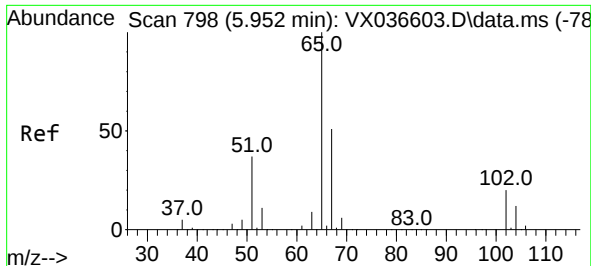


#32
1,1,1-Trichloroethane
Concen: 166.117 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44



Tgt Ion: 97 Resp: 617432
Ion Ratio Lower Upper
97 100
99 64.2 51.1 76.7
61 43.1 36.4 54.6





#33
1,2-Dichloroethane-d4
Concen: 143.910 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

Instrument :

MSVOA_X

Client Sample Id :

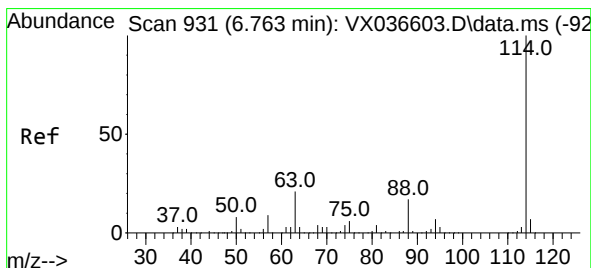
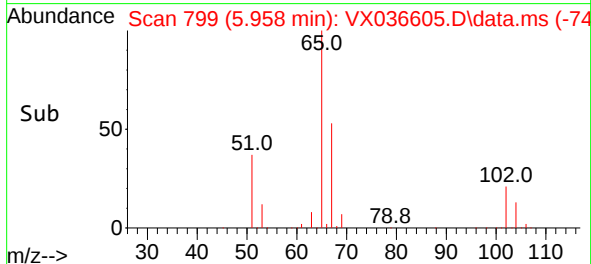
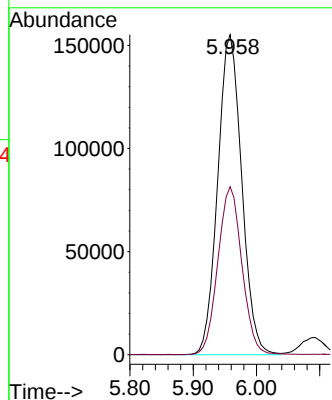
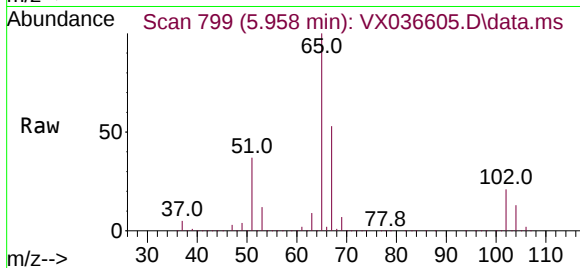
VSTDIC150

Tgt Ion: 65 Resp: 408250
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2

Manual Integrations

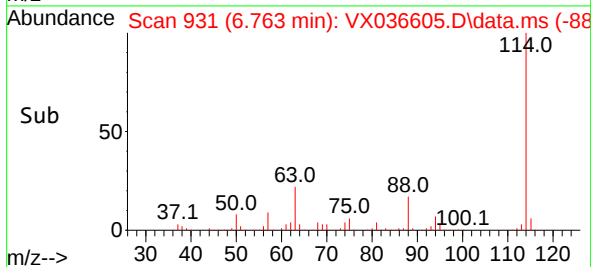
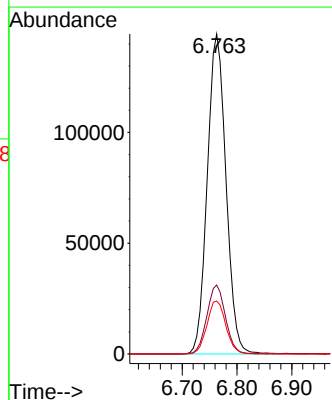
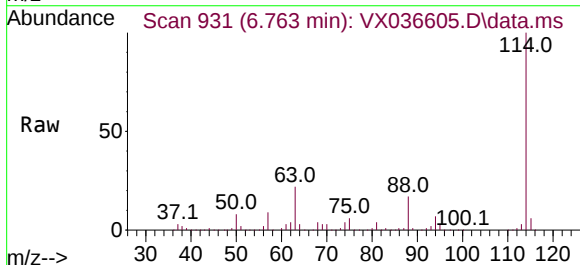
APPROVED

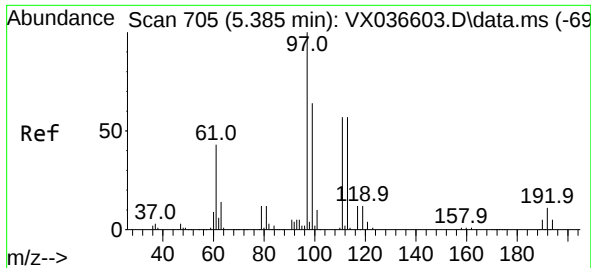
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

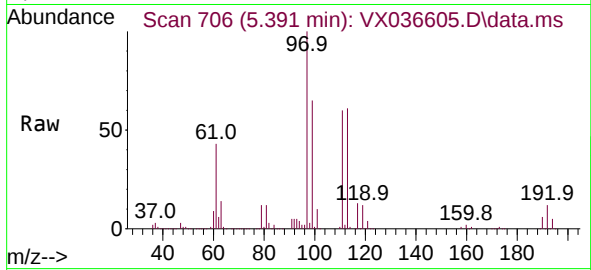
Tgt Ion:114 Resp: 341638
Ion Ratio Lower Upper
114 100
63 21.6 0.0 45.0
88 16.5 0.0 36.6





#35
Dibromofluoromethane
Concen: 147.776 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

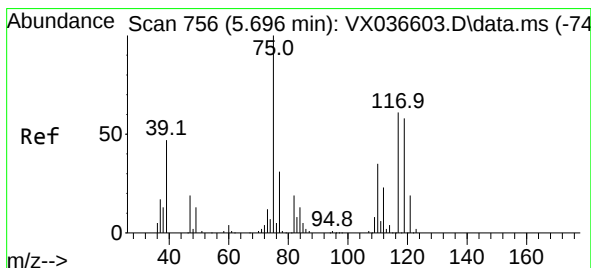
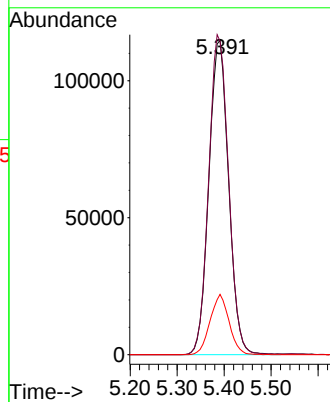
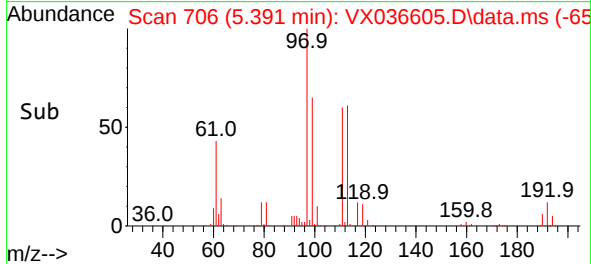
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:113 Resp: 335010
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 18.4 13.3 19.9

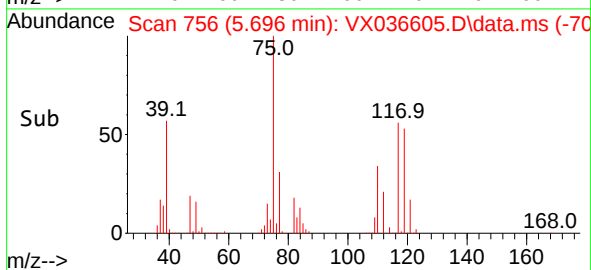
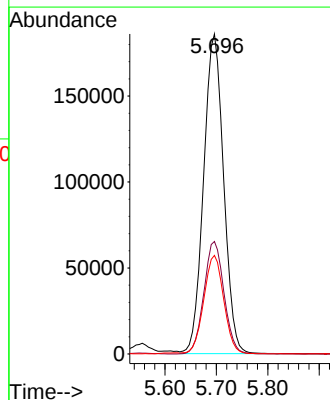
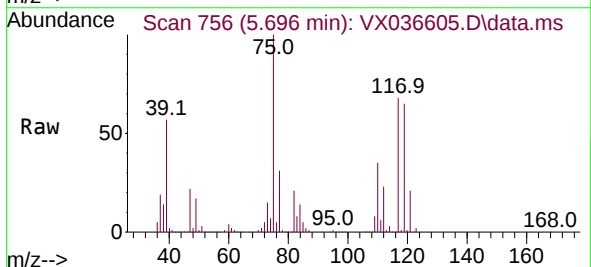
Manual Integrations
APPROVED

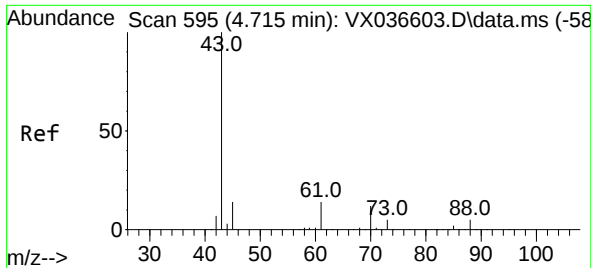
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#36
1,1-Dichloropropene
Concen: 148.276 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

Tgt Ion: 75 Resp: 502412
Ion Ratio Lower Upper
75 100
110 35.4 17.0 50.9
77 31.1 24.7 37.1





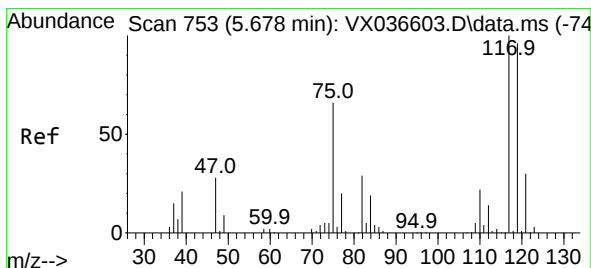
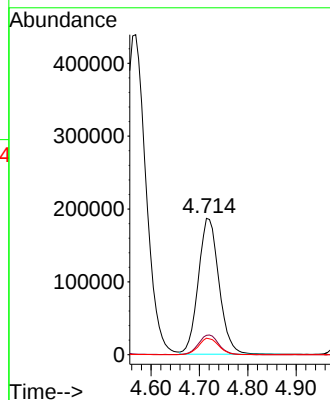
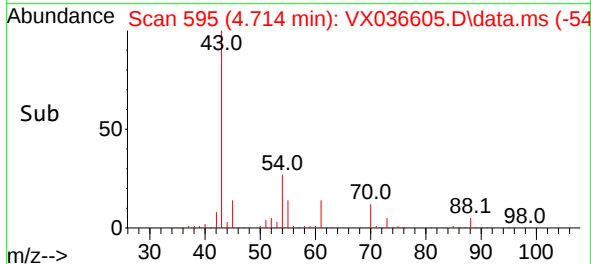
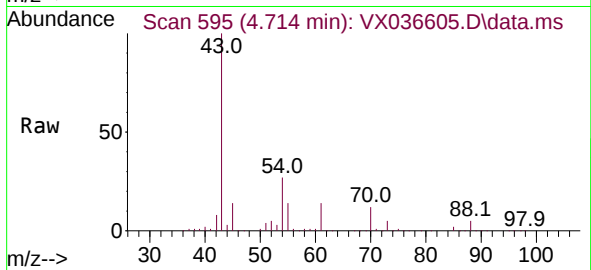
#37
Ethyl Acetate
Concen: 157.390 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 55492
Ion Ratio Lower Upper
43 100
61 14.2 10.6 16.0
70 11.7 8.3 12.5

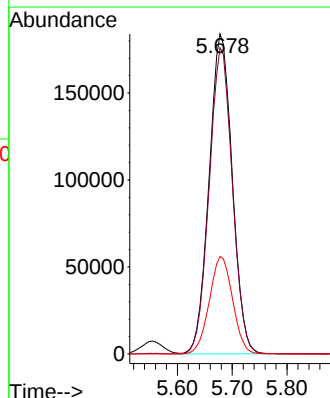
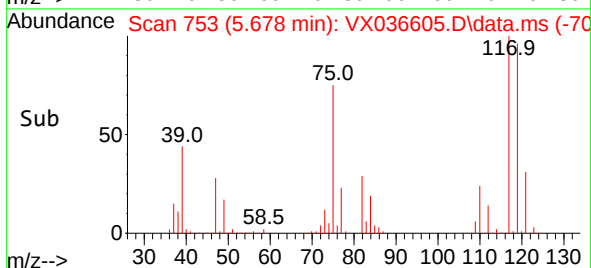
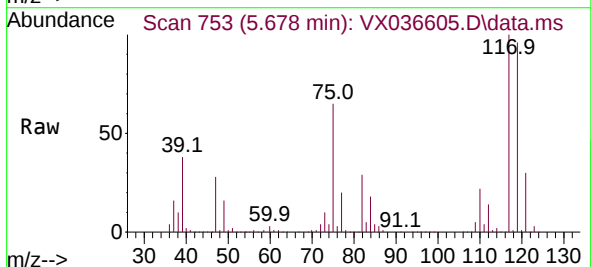
Manual Integrations
APPROVED

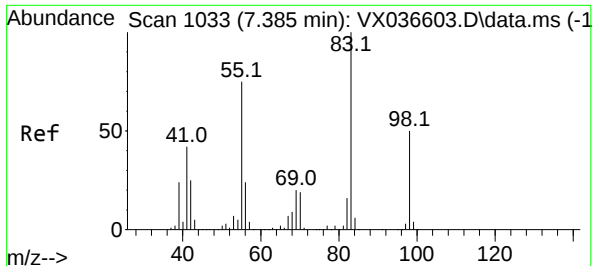
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#38
Carbon Tetrachloride
Concen: 170.126 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

Tgt Ion:117 Resp: 538690
Ion Ratio Lower Upper
117 100
119 95.7 78.2 117.2
121 30.5 24.4 36.6





#39

Methylcyclohexane

Concen: 153.554 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX036605.D

Acq: 21 Jul 2023 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 83 Resp: 624380

Ion Ratio Lower Upper

83 100

55 75.6 64.6 97.0

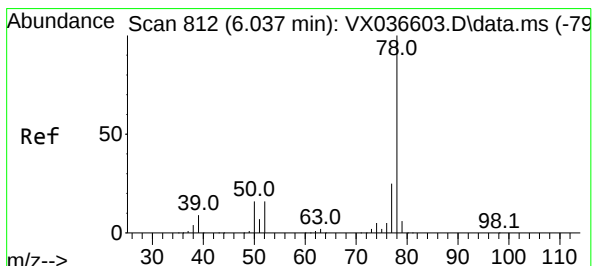
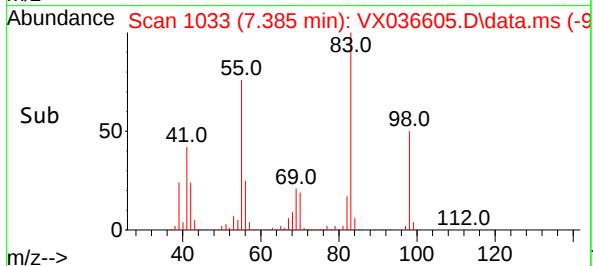
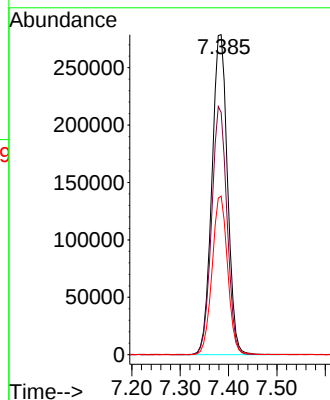
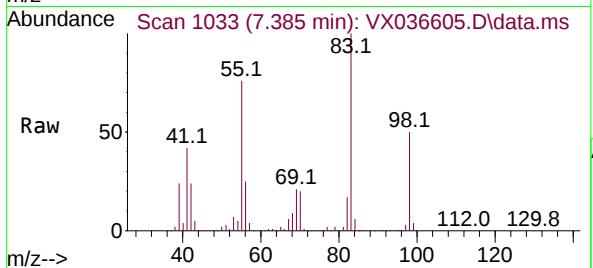
98 49.6 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#40

Benzene

Concen: 150.961 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX036605.D

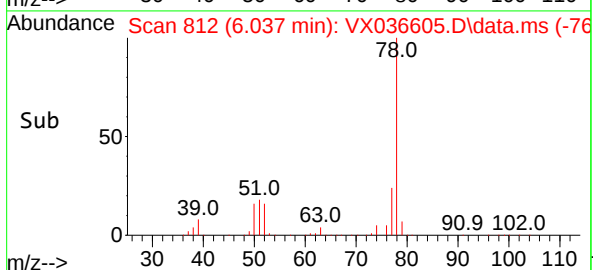
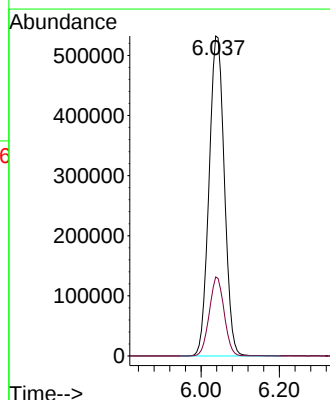
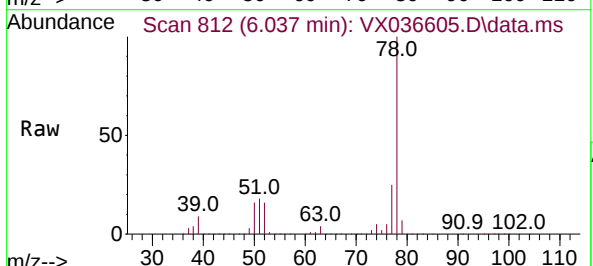
Acq: 21 Jul 2023 11:44

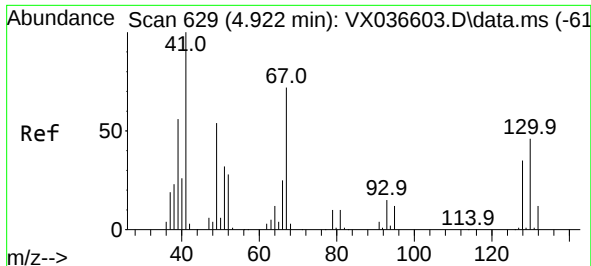
Tgt Ion: 78 Resp: 1437971

Ion Ratio Lower Upper

78 100

77 24.7 19.3 28.9





#41
Methacrylonitrile
Concen: 155.937 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

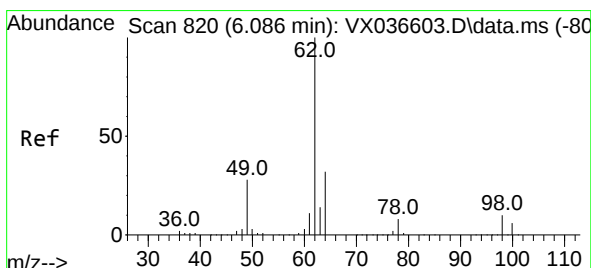
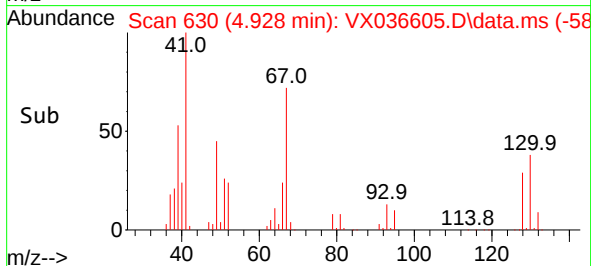
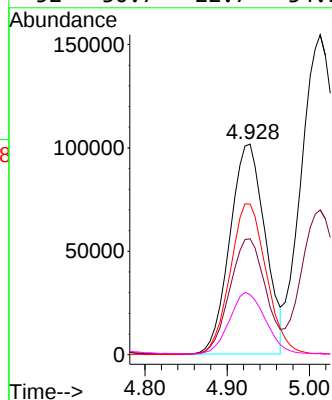
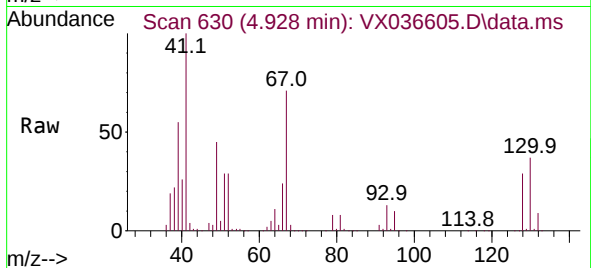
Tgt Ion: 41 Resp: 302918
Ion Ratio Lower Upper
41 100
39 55.5 45.2 67.8
67 74.0 52.6 78.8
52 30.7 22.7 34.1

Manual Integrations

APPROVED

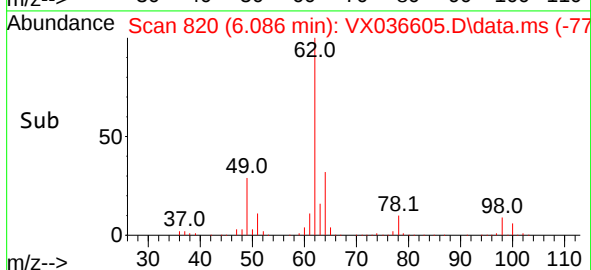
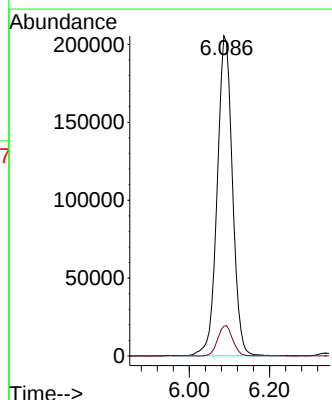
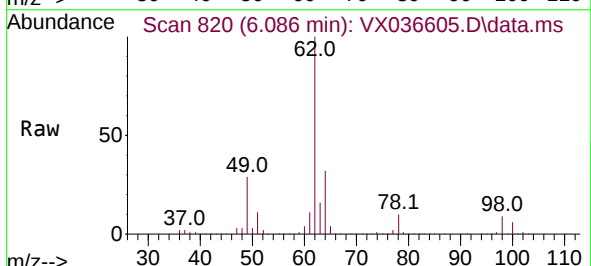
Reviewed By :John Carlone 07/24/2023

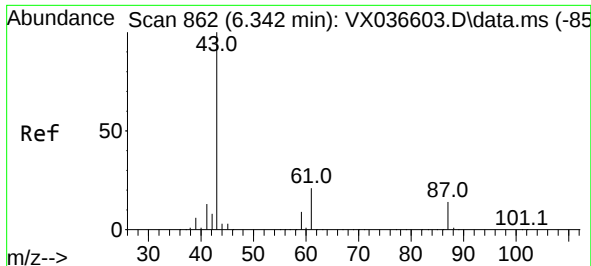
Supervised By :Mahesh Dadoda 07/24/2023



#42
1,2-Dichloroethane
Concen: 150.640 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

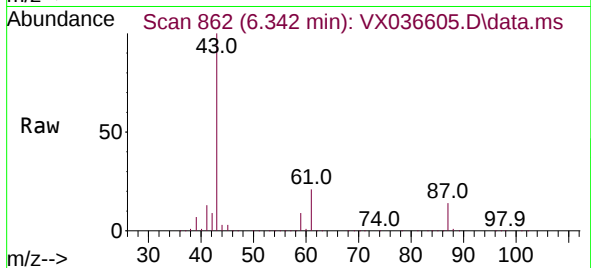
Tgt Ion: 62 Resp: 542225
Ion Ratio Lower Upper
62 100
98 9.3 0.0 16.0





#43
Isopropyl Acetate
Concen: 167.819 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

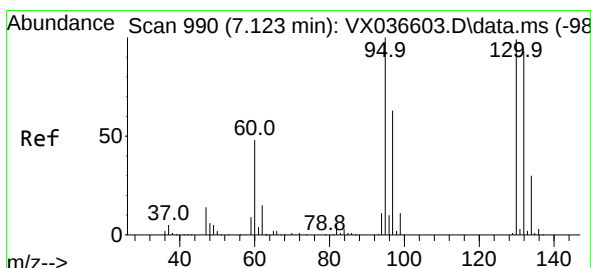
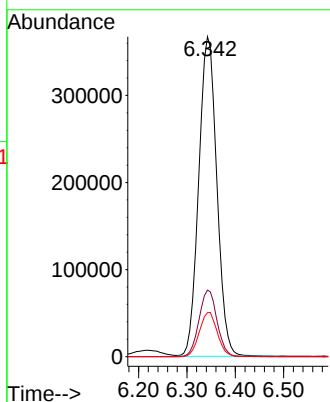
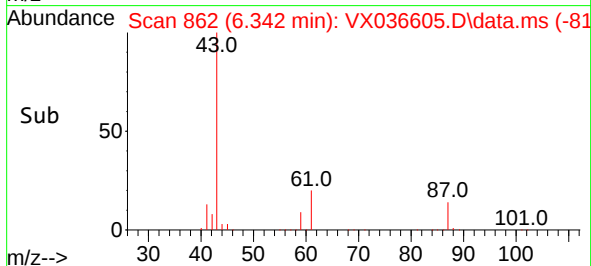
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



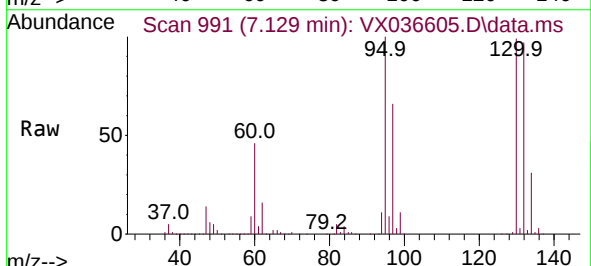
Tgt Ion: 43 Resp: 95292
Ion Ratio Lower Upper
43 100
61 20.8 15.2 22.8
87 13.8 9.8 14.6

Manual Integrations
APPROVED

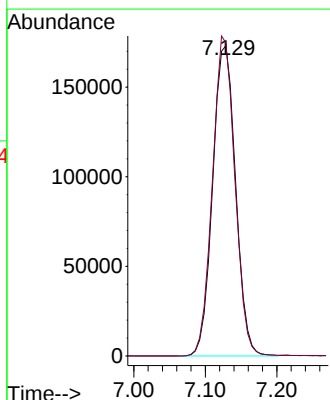
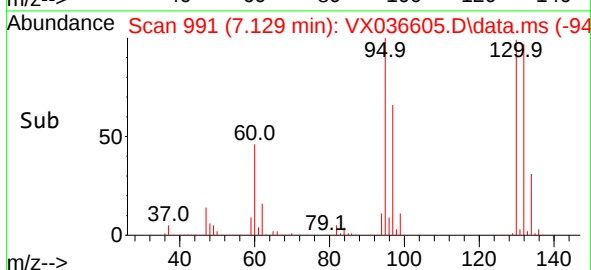
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

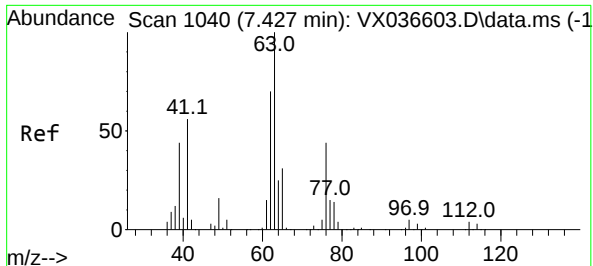


#44
Trichloroethene
Concen: 146.892 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44



Tgt Ion:130 Resp: 385792
Ion Ratio Lower Upper
130 100
95 100.9 0.0 204.4





#45

1,2-Dichloropropane

Concen: 151.552 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX036605.D

Acq: 21 Jul 2023 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 39103

Ion Ratio Lower Upper

63 100

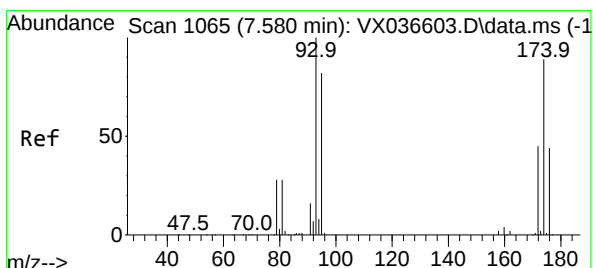
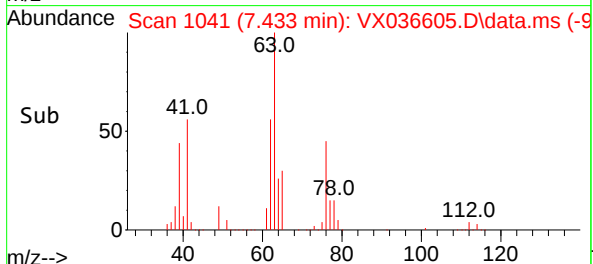
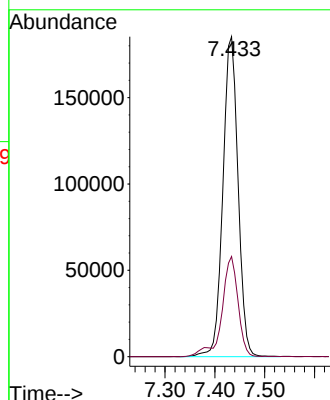
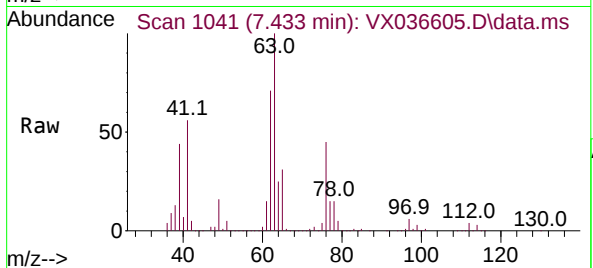
65 31.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#46

Dibromomethane

Concen: 151.552 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX036605.D

Acq: 21 Jul 2023 11:44

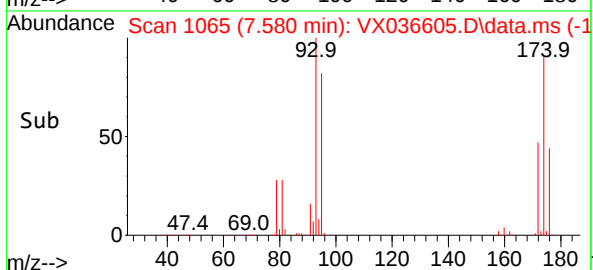
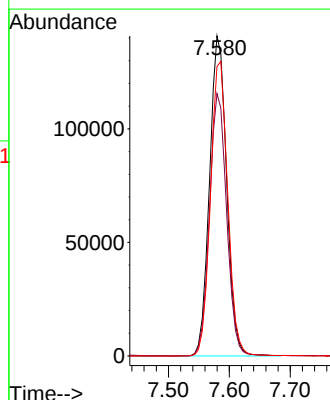
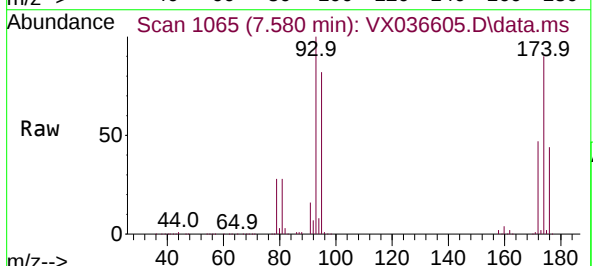
Tgt Ion: 93 Resp: 275786

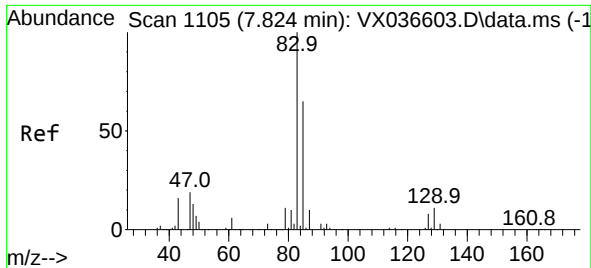
Ion Ratio Lower Upper

93 100

95 82.3 66.6 100.0

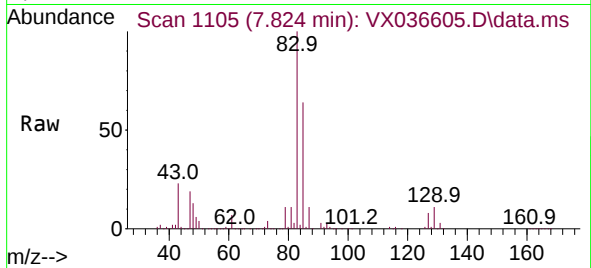
174 92.7 69.4 104.0





#47
Bromodichloromethane
Concen: 169.164 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

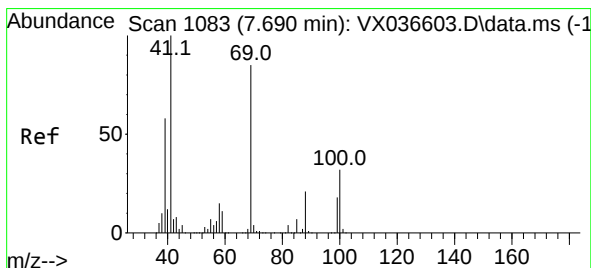
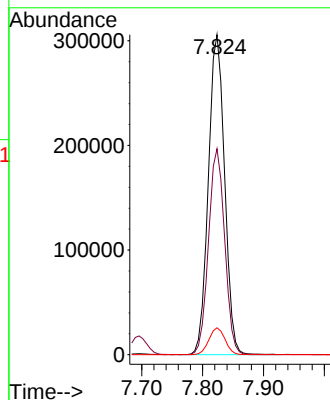
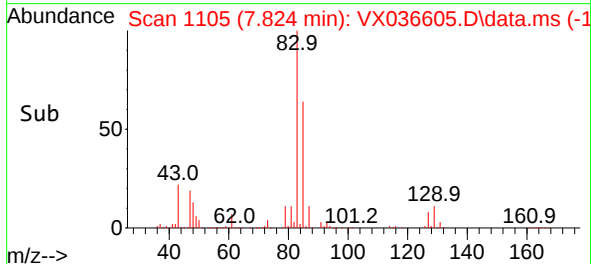
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



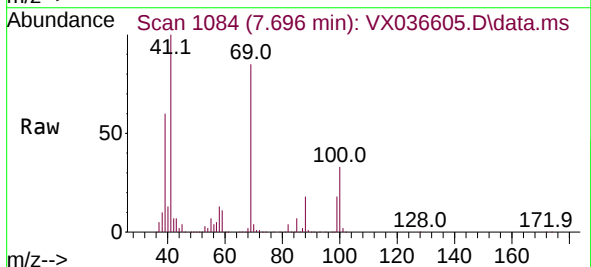
Tgt Ion: 83 Resp: 56590
Ion Ratio Lower Upper
83 100
85 64.3 49.8 74.6
127 8.4 7.1 10.7

Manual Integrations
APPROVED

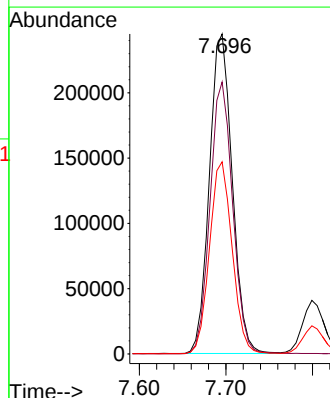
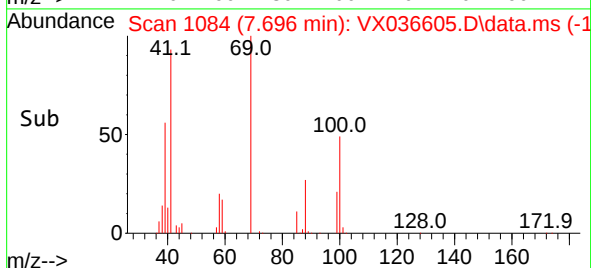
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

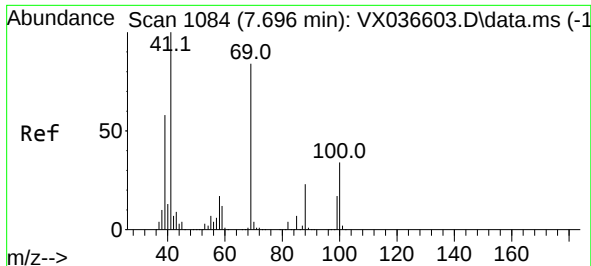


#48
Methyl methacrylate
Concen: 160.281 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44



Tgt Ion: 41 Resp: 449421
Ion Ratio Lower Upper
41 100
69 84.5 59.2 88.8
39 59.4 47.7 71.5





#49

1,4-Dioxane

Concen: 2845.541 ug/l

RT: 7.714 min Scan# 1084

Delta R.T. 0.018 min

Lab File: VX036605.D

Acq: 21 Jul 2023 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 88 Resp: 173719

Ion Ratio Lower Upper

88 100

43 32.4 0.0 0.0

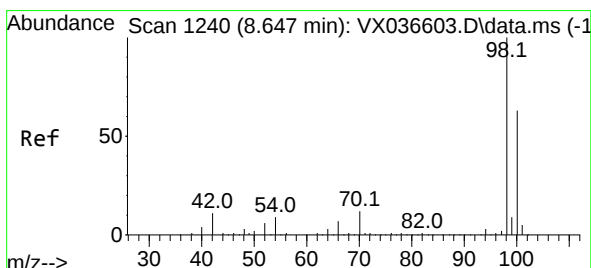
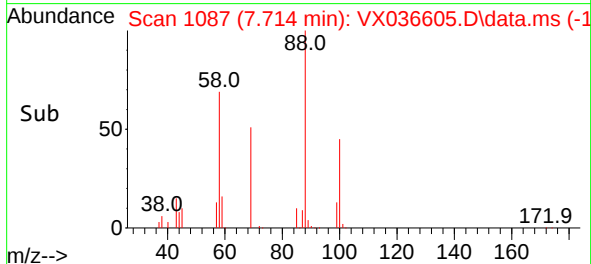
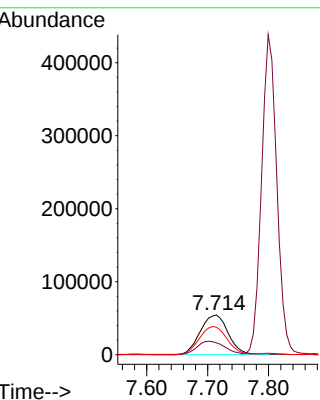
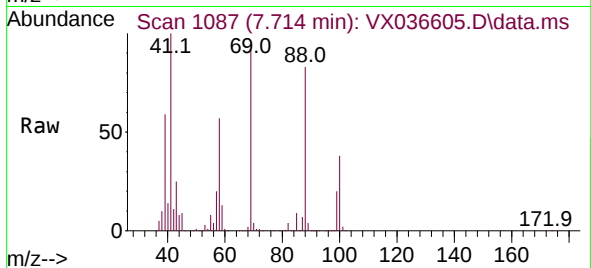
58 70.3 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#50

Toluene-d8

Concen: 138.887 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX036605.D

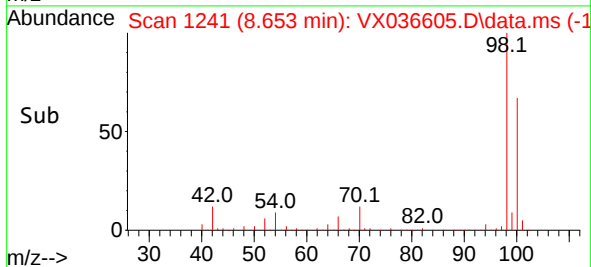
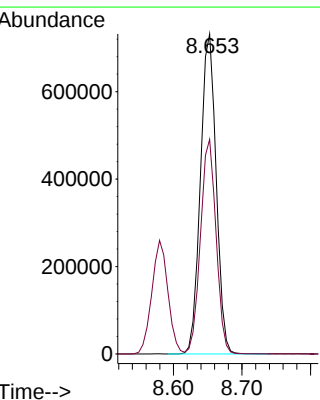
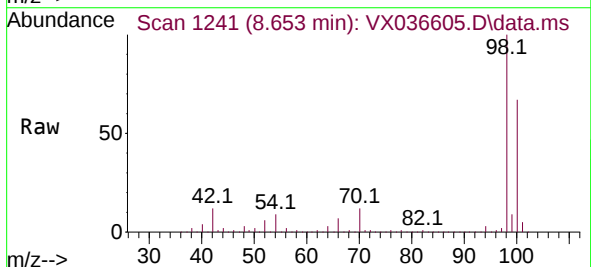
Acq: 21 Jul 2023 11:44

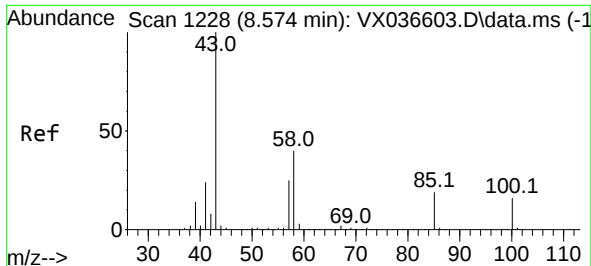
Tgt Ion: 98 Resp: 1164929

Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 681.062 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX036605.D

Acq: 21 Jul 2023 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 243437

Ion Ratio Lower Upper

43 100

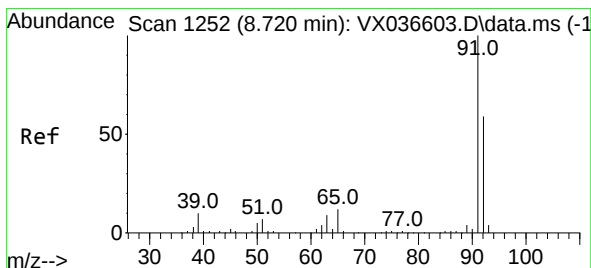
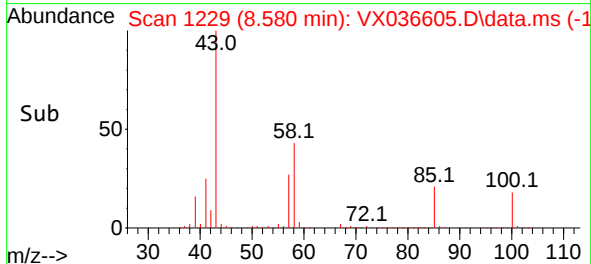
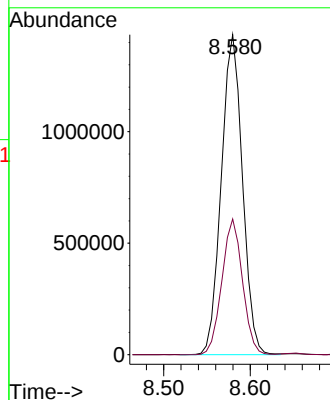
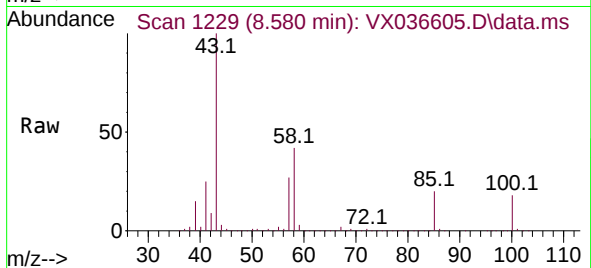
58 41.3 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#52

Toluene

Concen: 149.732 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX036605.D

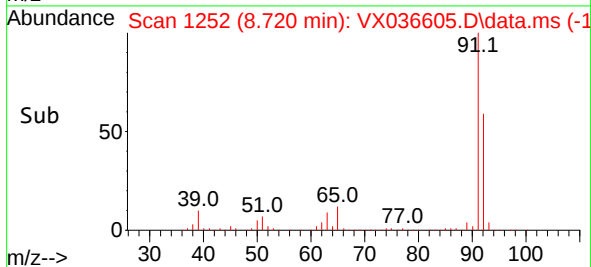
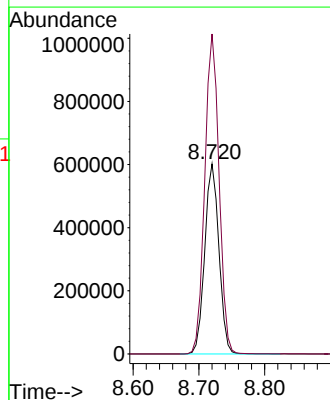
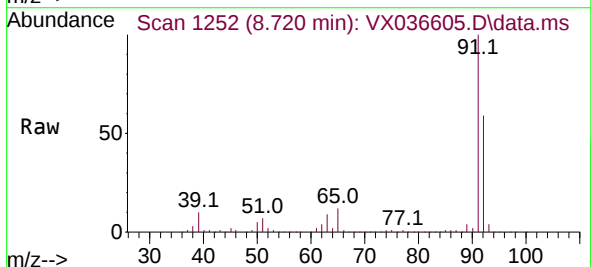
Acq: 21 Jul 2023 11:44

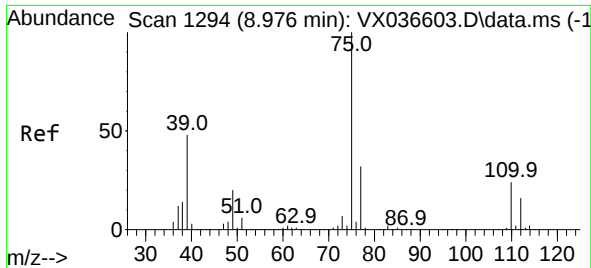
Tgt Ion: 92 Resp: 903153

Ion Ratio Lower Upper

92 100

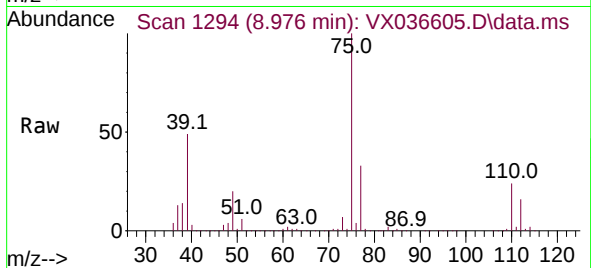
91 169.6 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 187.188 ug/l
RT: 8.976 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

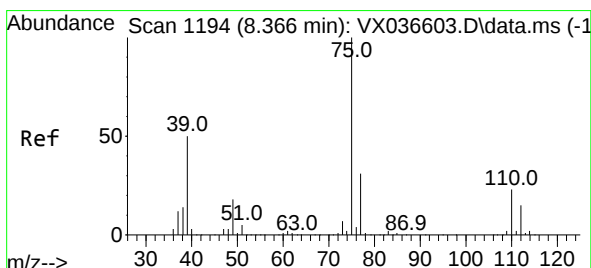
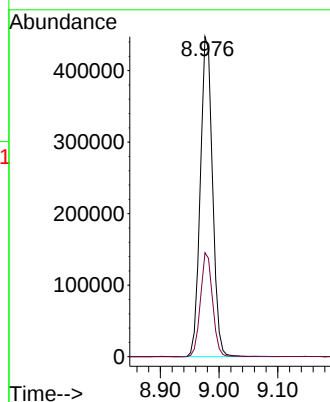
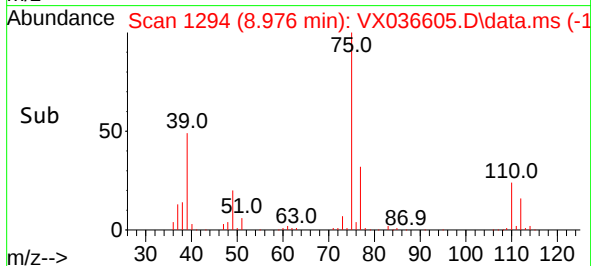
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



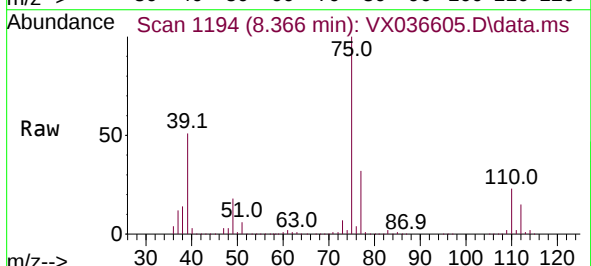
Tgt Ion: 75 Resp: 647802
Ion Ratio Lower Upper
75 100
77 32.5 25.7 38.5

Manual Integrations
APPROVED

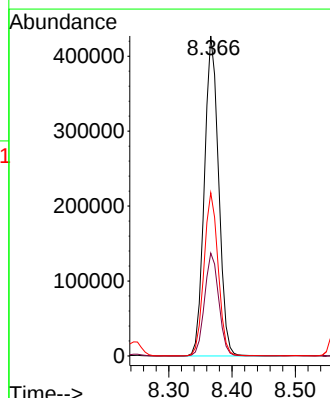
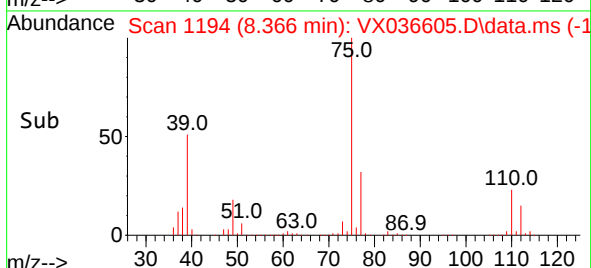
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

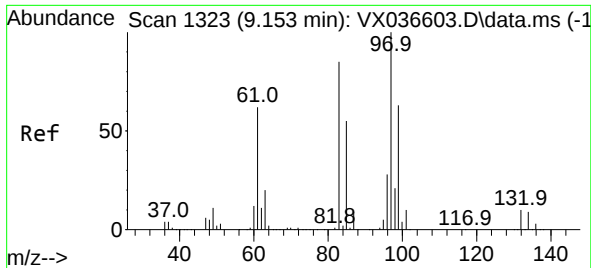


#54
cis-1,3-Dichloropropene
Concen: 174.110 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44



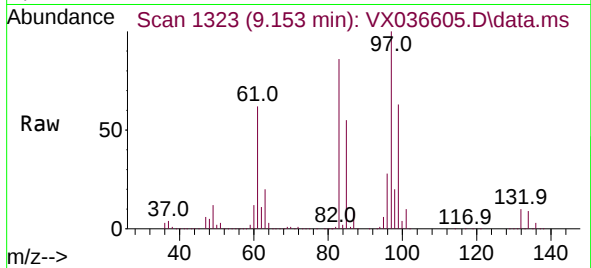
Tgt Ion: 75 Resp: 669689
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9
39 50.9 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 149.607 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

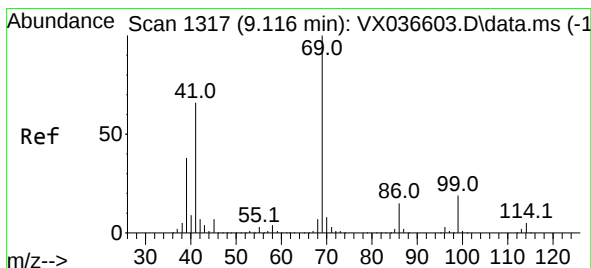
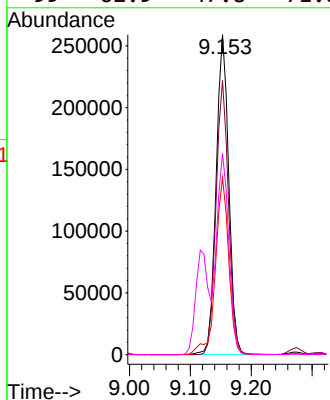
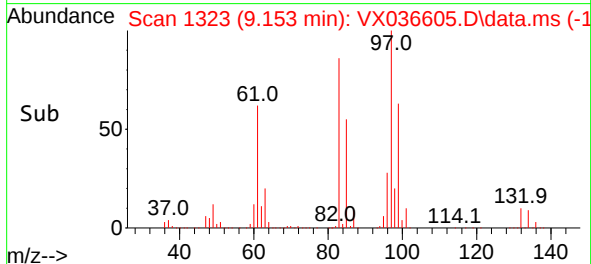
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



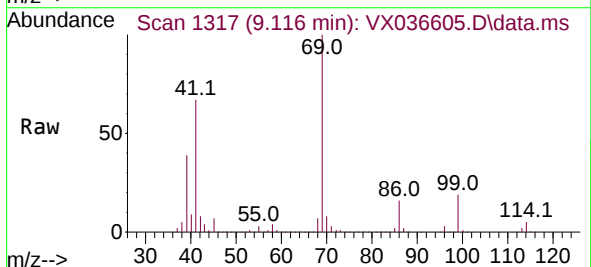
Tgt Ion: 97 Resp: 374364
Ion Ratio Lower Upper
97 100
83 85.6 65.8 98.8
85 55.3 41.6 62.4
99 62.9 47.8 71.8

Manual Integrations
APPROVED

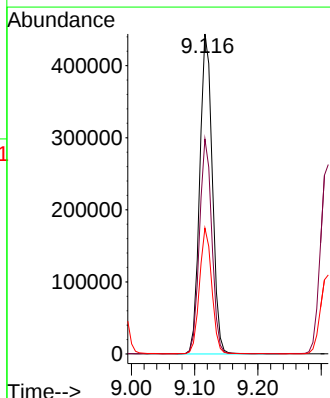
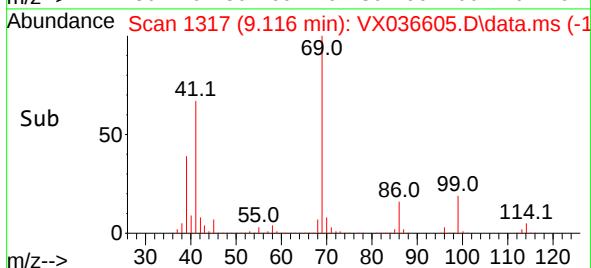
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

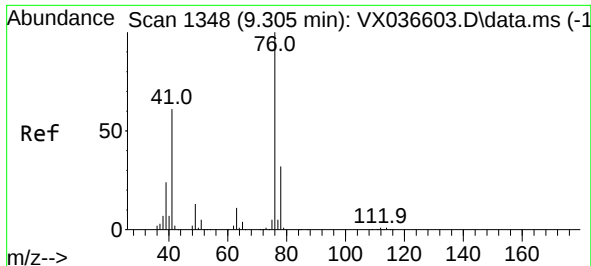


#56
Ethyl methacrylate
Concen: 160.936 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44



Tgt Ion: 69 Resp: 614865
Ion Ratio Lower Upper
69 100
41 66.0 56.8 85.2
39 38.3 32.0 48.0





#57

1,3-Dichloropropane

Concen: 148.716 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.006 min

Lab File: VX036605.D

Acq: 21 Jul 2023 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 76 Resp: 63905

Ion Ratio Lower Upper

76 100

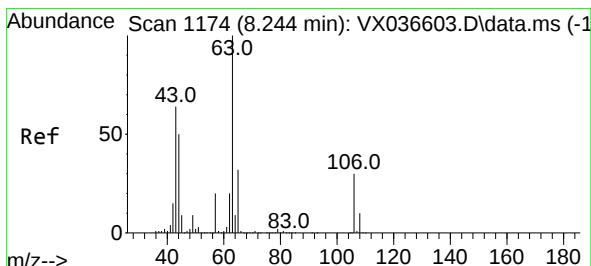
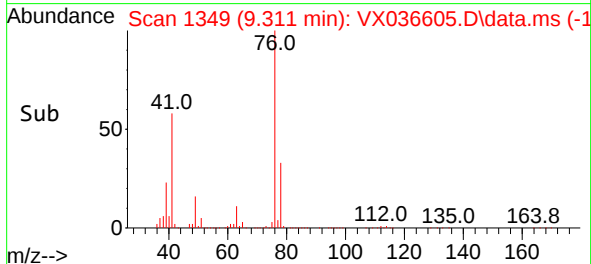
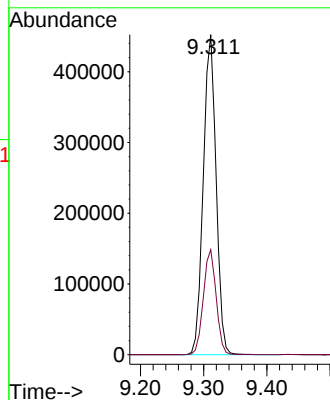
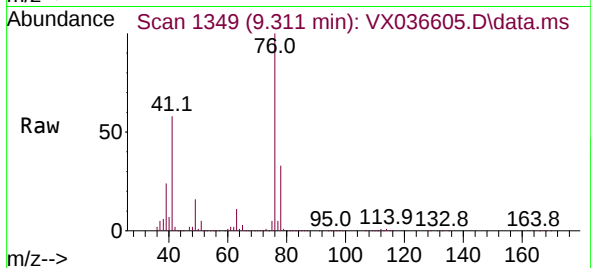
78 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#58

2-Chloroethyl Vinyl ether

Concen: 710.936 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX036605.D

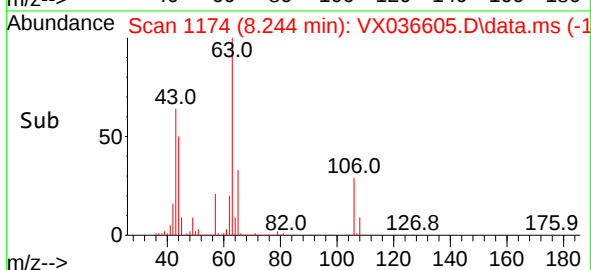
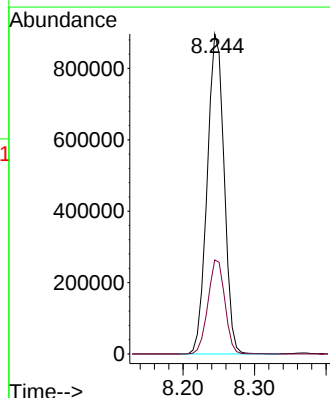
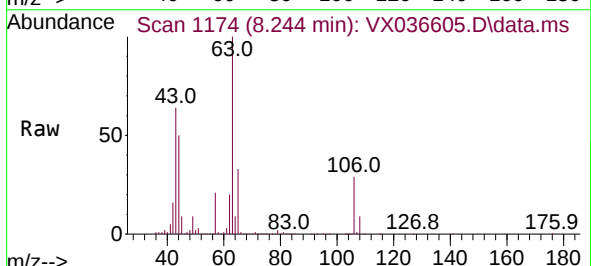
Acq: 21 Jul 2023 11:44

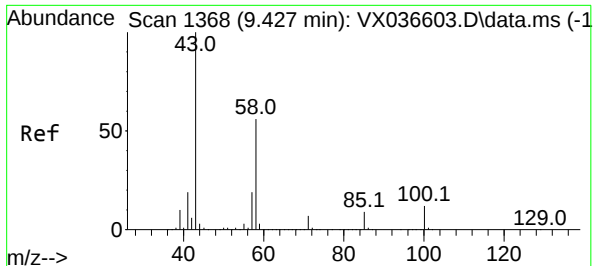
Tgt Ion: 63 Resp: 1473372

Ion Ratio Lower Upper

63 100

106 29.3 22.5 33.7





#59

2-Hexanone

Concen: 696.264 ug/l

RT: 9.439 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX036605.D

Acq: 21 Jul 2023 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 182040

Ion Ratio Lower Upper

43 100

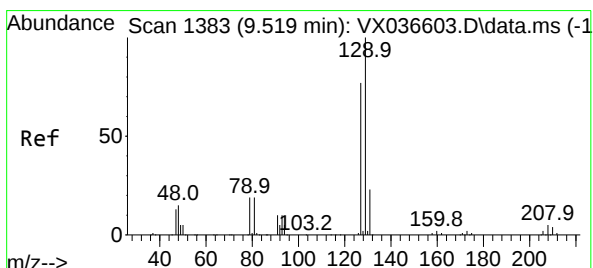
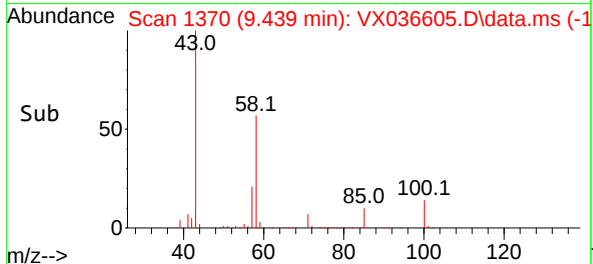
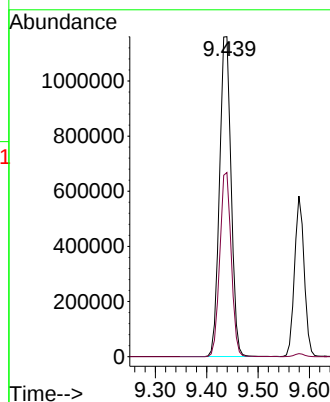
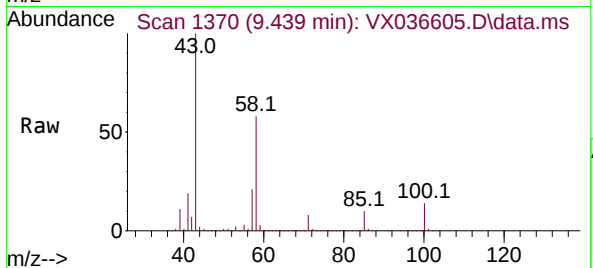
58 56.7 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#60

Dibromochloromethane

Concen: 171.256 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX036605.D

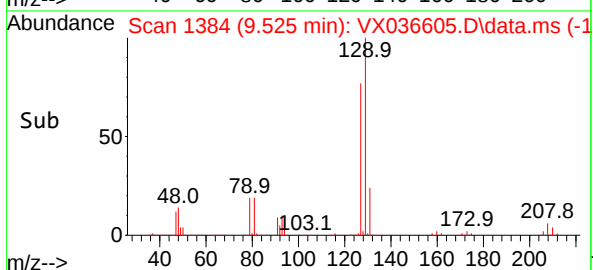
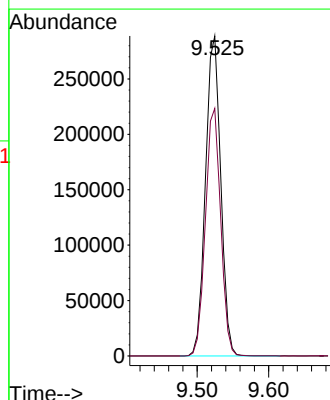
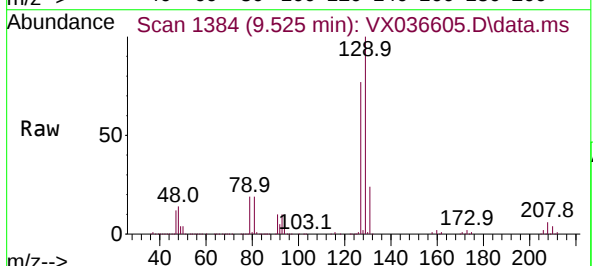
Acq: 21 Jul 2023 11:44

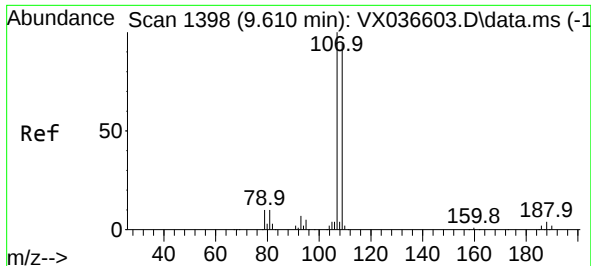
Tgt Ion:129 Resp: 426891

Ion Ratio Lower Upper

129 100

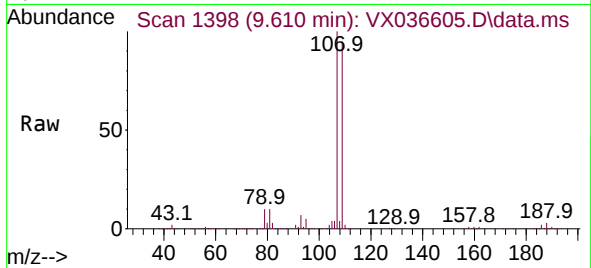
127 77.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 150.699 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

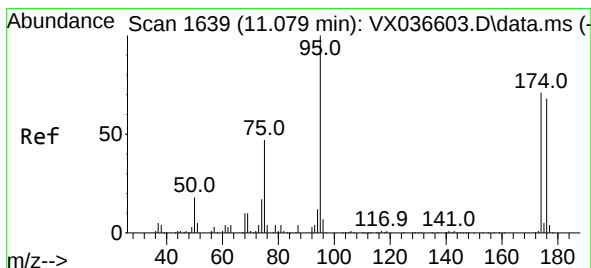
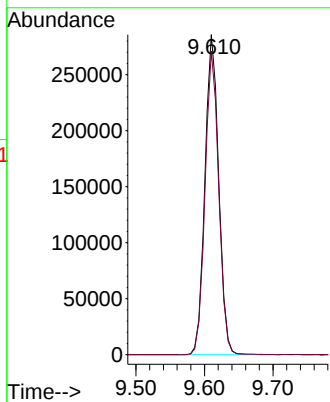
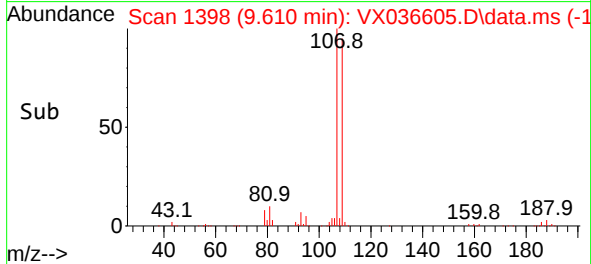
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



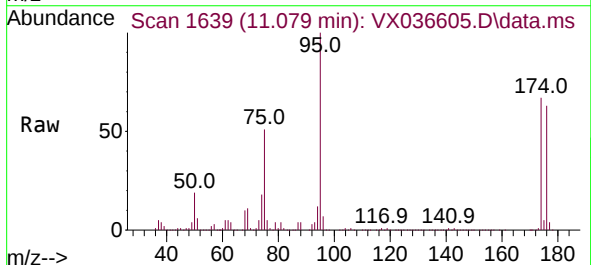
Tgt Ion:107 Resp: 399980
Ion Ratio Lower Upper
107 100
109 93.9 75.2 112.8

Manual Integrations
APPROVED

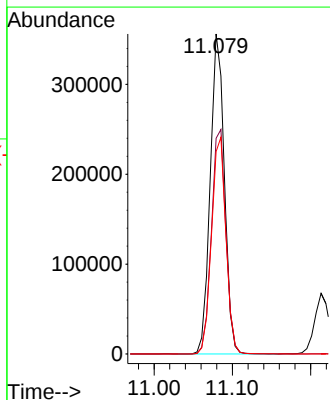
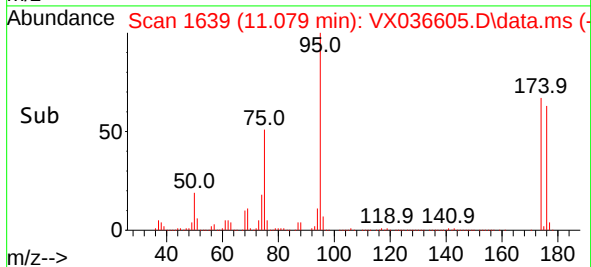
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

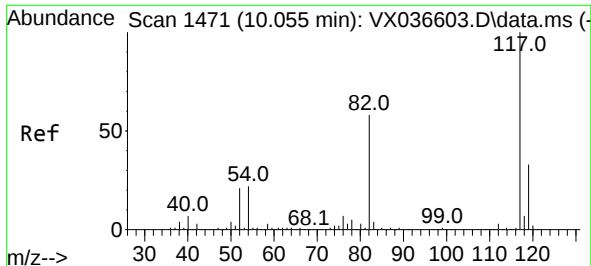


#62
4-Bromofluorobenzene
Concen: 146.403 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44



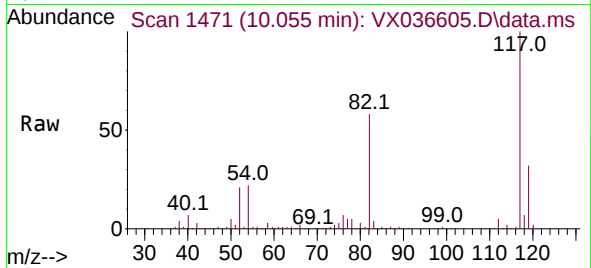
Tgt Ion: 95 Resp: 443871
Ion Ratio Lower Upper
95 100
174 72.1 0.0 135.6
176 69.2 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

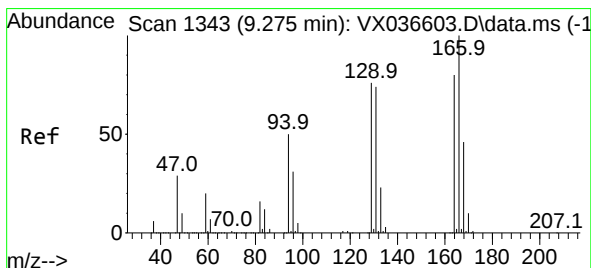
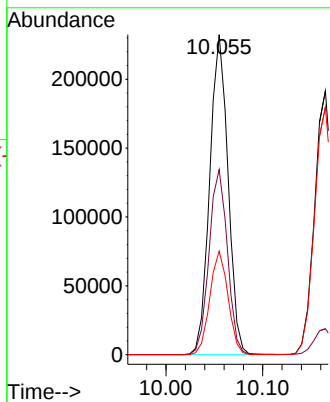
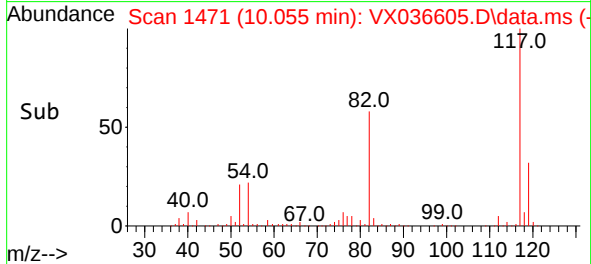
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:117 Resp: 30540
Ion Ratio Lower Upper
117 100
82 57.8 46.2 69.4
119 32.4 25.5 38.3

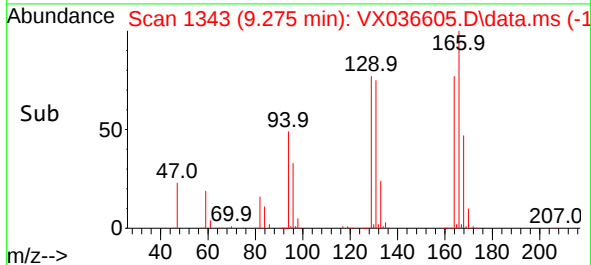
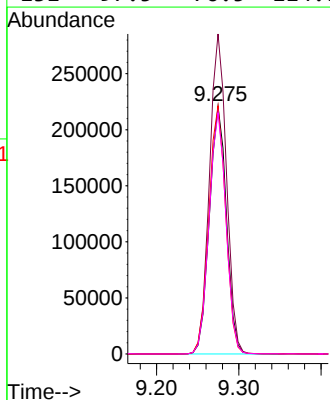
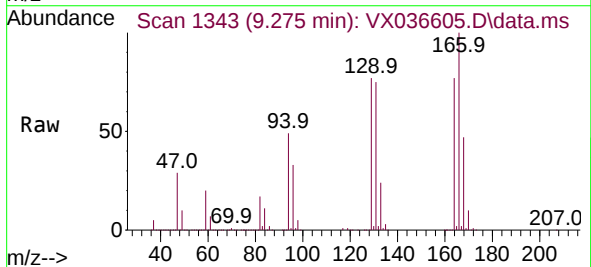
Manual Integrations
APPROVED

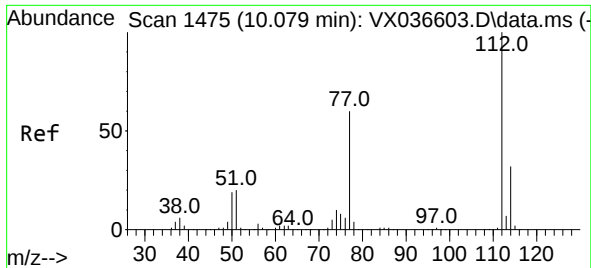
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#64
Tetrachloroethene
Concen: 145.690 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

Tgt Ion:164 Resp: 317953
Ion Ratio Lower Upper
164 100
166 129.3 102.7 154.1
129 100.2 80.4 120.6
131 97.5 76.5 114.7





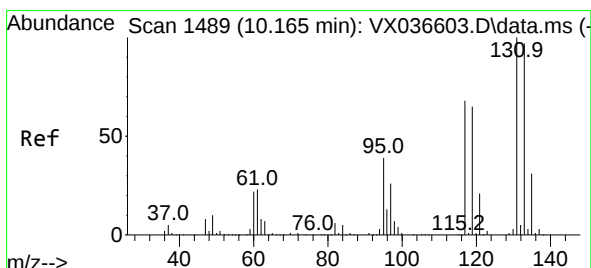
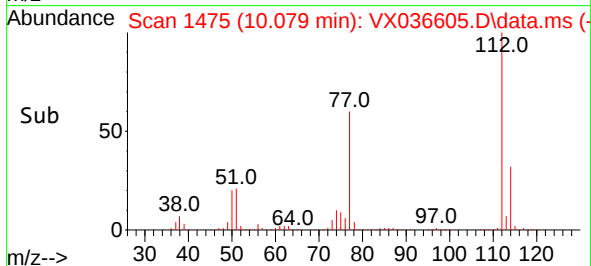
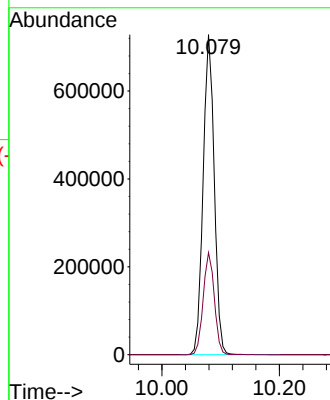
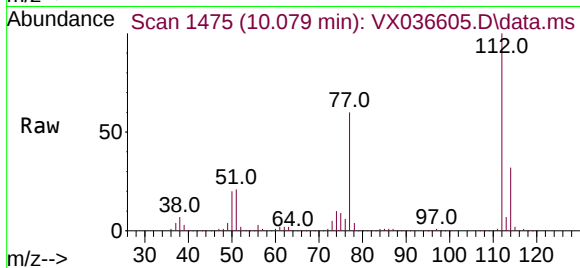
#65
Chlorobenzene
Concen: 147.434 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:112 Resp: 956238
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

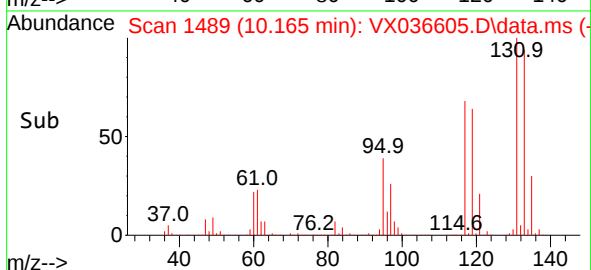
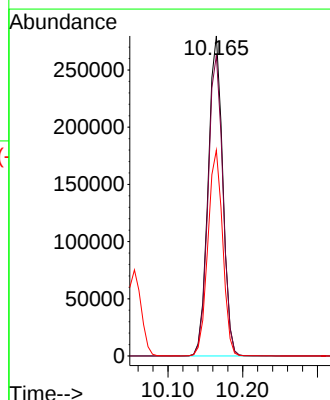
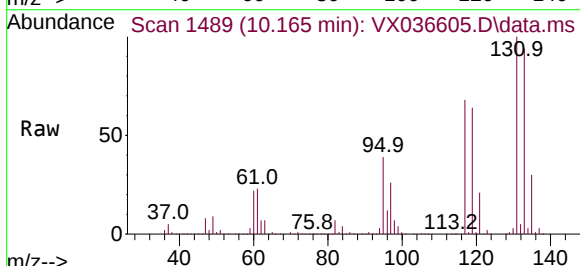
Manual Integrations
APPROVED

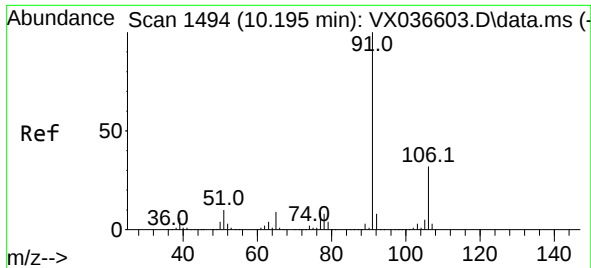
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 169.614 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

Tgt Ion:131 Resp: 378842
Ion Ratio Lower Upper
131 100
133 95.2 47.1 141.4
119 65.1 32.2 96.6





#67

Ethyl Benzene

Concen: 148.570 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX036605.D

Acq: 21 Jul 2023 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 1720998

Ion Ratio Lower Upper

91 100

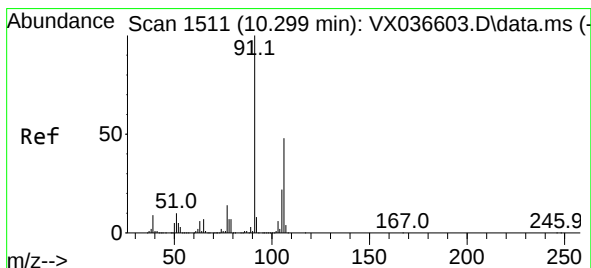
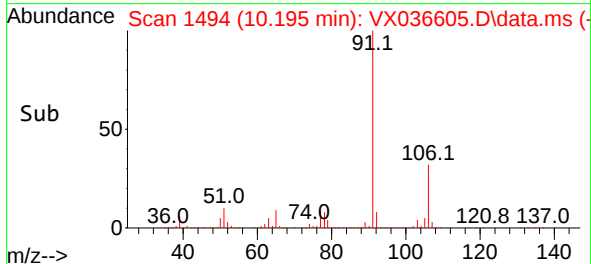
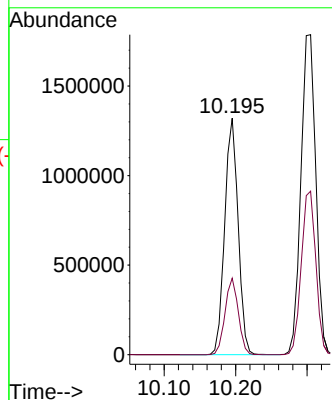
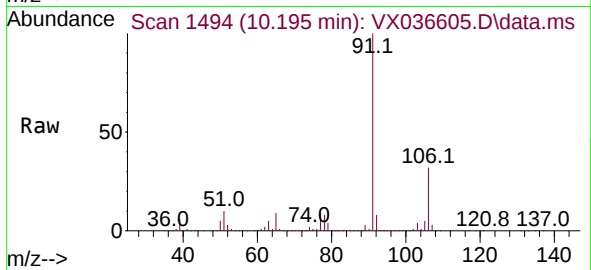
106 32.4 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#68

m/p-Xylenes

Concen: 288.805 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX036605.D

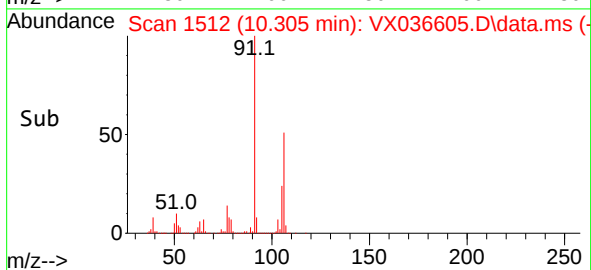
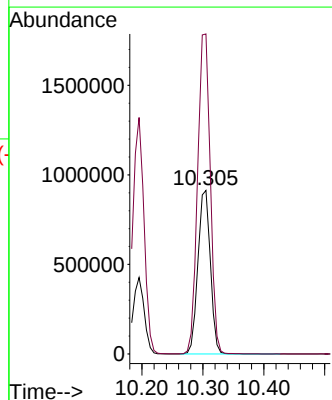
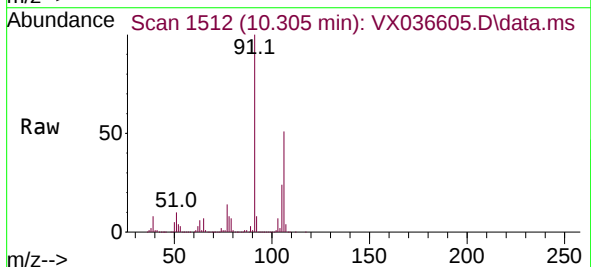
Acq: 21 Jul 2023 11:44

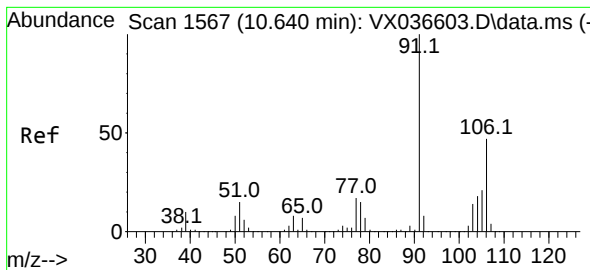
Tgt Ion:106 Resp: 1292612

Ion Ratio Lower Upper

106 100

91 199.7 165.5 248.3





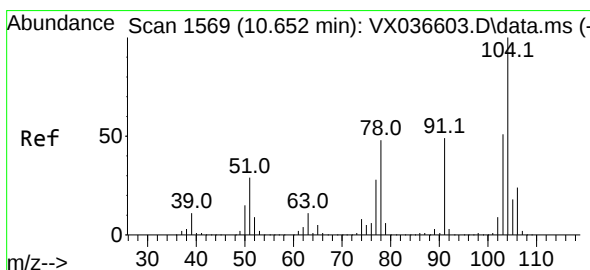
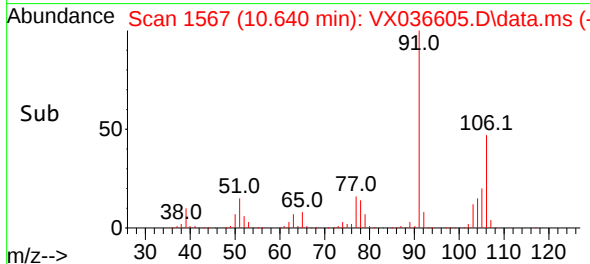
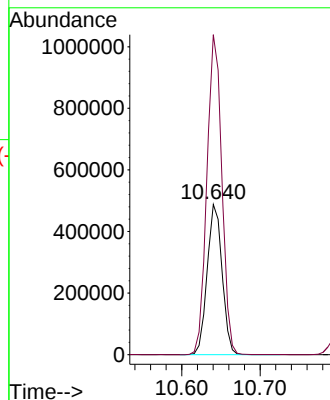
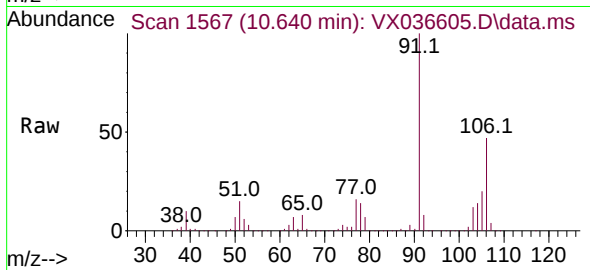
#69
o-Xylene
Concen: 147.392 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 642720
Ion Ratio Lower Upper
106 100
91 213.5 108.9 326.8

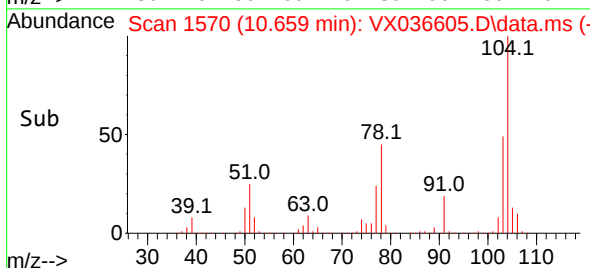
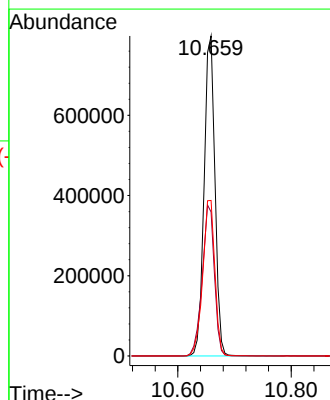
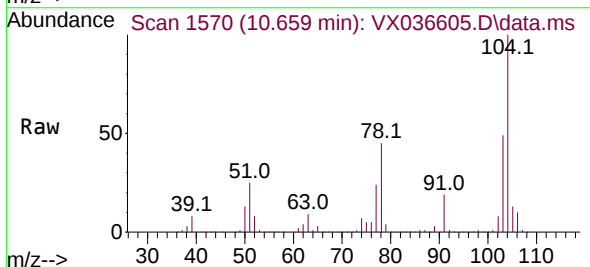
Manual Integrations
APPROVED

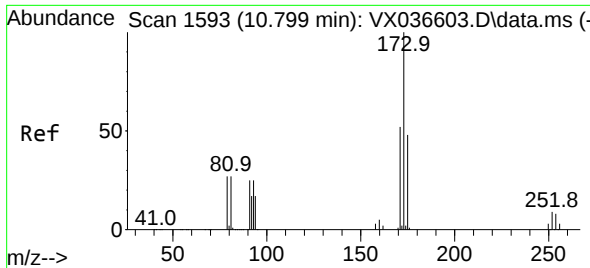
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#70
Styrene
Concen: 149.049 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

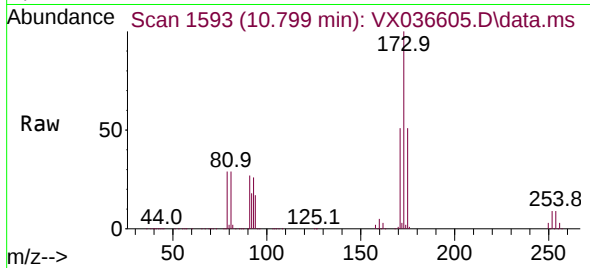
Tgt Ion:104 Resp: 1063584
Ion Ratio Lower Upper
104 100
78 52.7 43.6 65.4
103 54.4 43.6 65.4





#71
Bromoform
Concen: 180.833 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

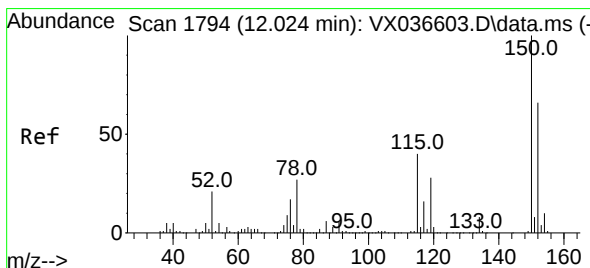
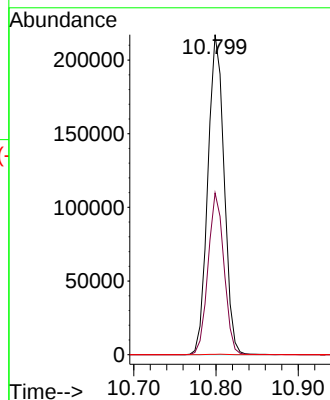
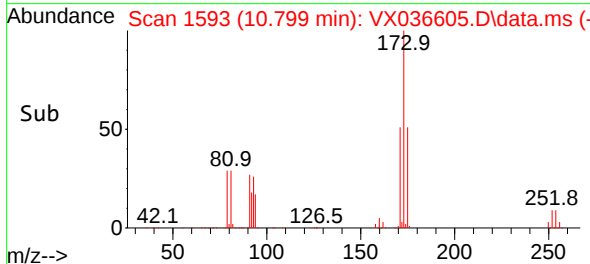
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



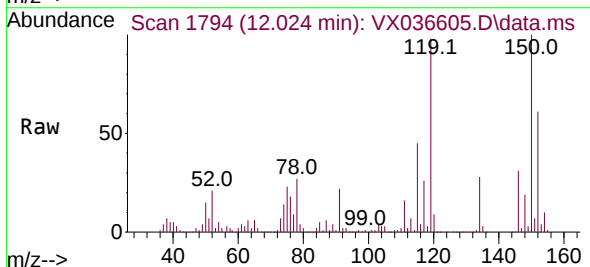
Tgt Ion:173 Resp: 29825
Ion Ratio Lower Upper
173 100
175 49.5 24.1 72.4
254 0.1 0.0 0.0

Manual Integrations
APPROVED

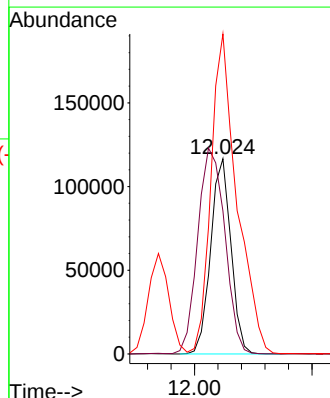
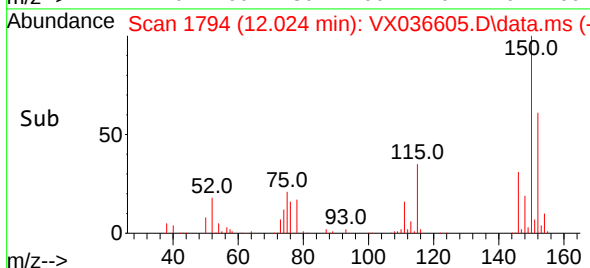
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

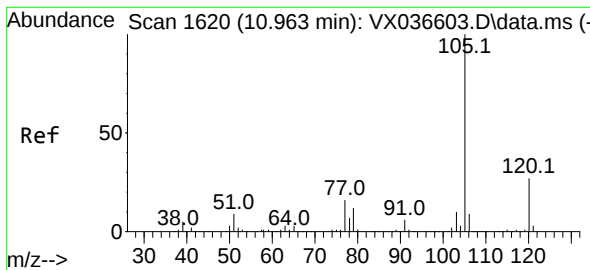


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44



Tgt Ion:152 Resp: 139920
Ion Ratio Lower Upper
152 100
115 140.9 43.3 129.9#
150 209.2 0.0 345.0





#73

Isopropylbenzene

Concen: 154.619 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX036605.D

Acq: 21 Jul 2023 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:105 Resp: 1643690

Ion Ratio Lower Upper

105 100

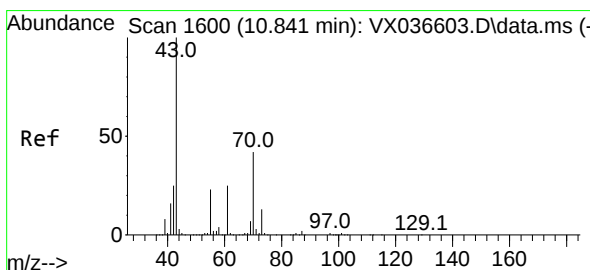
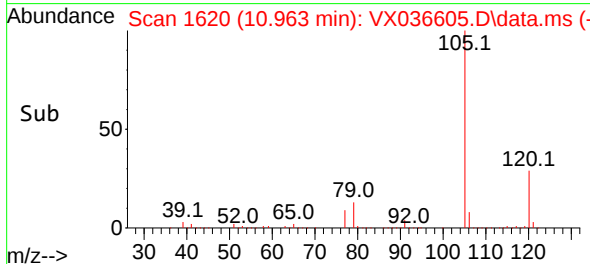
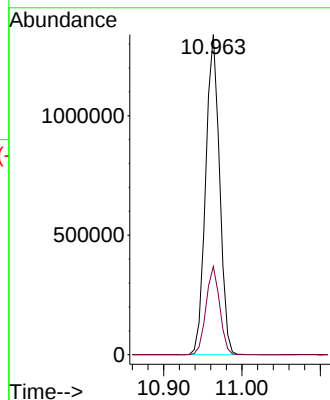
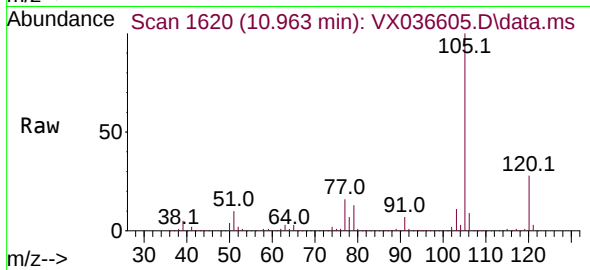
120 27.1 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#74

N-ethyl acetate

Concen: 172.033 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX036605.D

Acq: 21 Jul 2023 11:44

Tgt Ion: 43 Resp: 743774

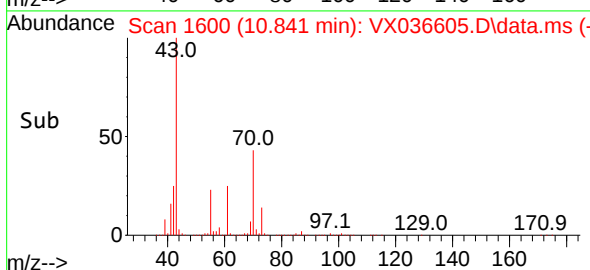
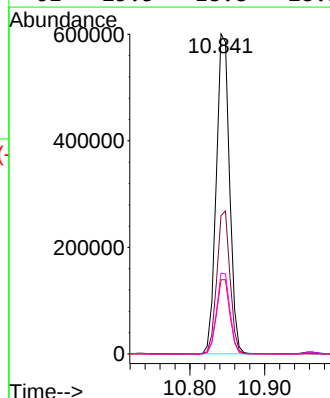
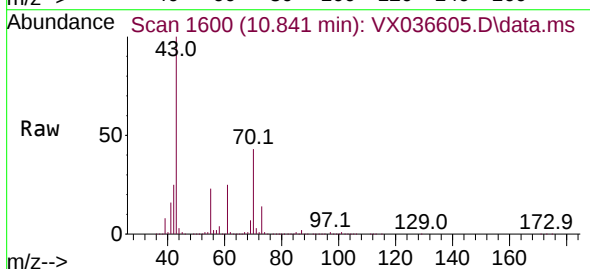
Ion Ratio Lower Upper

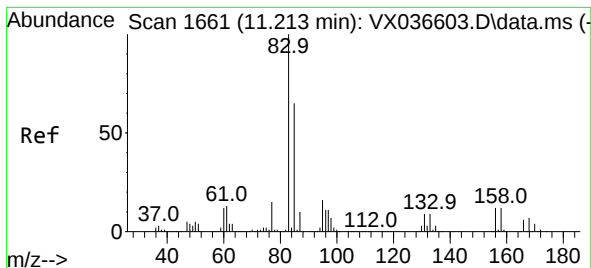
43 100

70 44.3 32.9 49.3

55 23.4 19.3 28.9

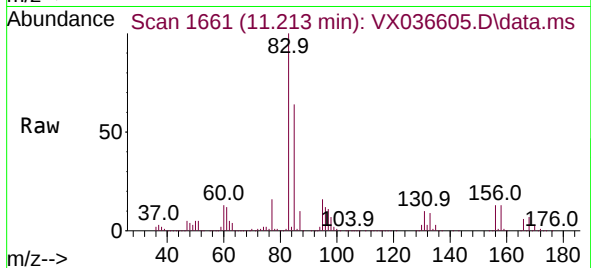
61 25.5 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 147.724 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

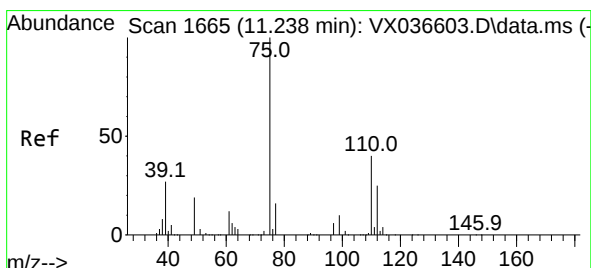
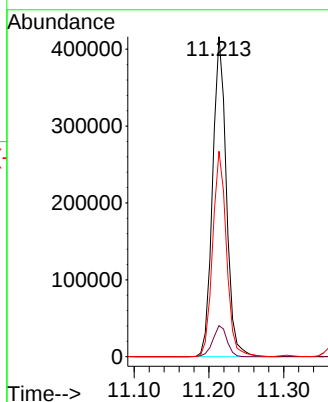
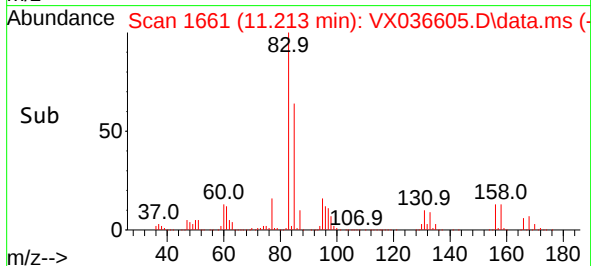
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



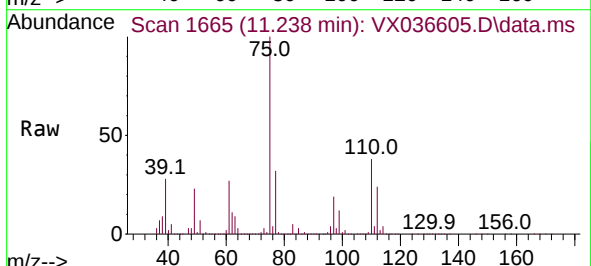
Tgt Ion: 83 Resp: 532278
Ion Ratio Lower Upper
83 100
131 10.0 5.3 15.8
85 64.6 32.0 96.2

Manual Integrations
APPROVED

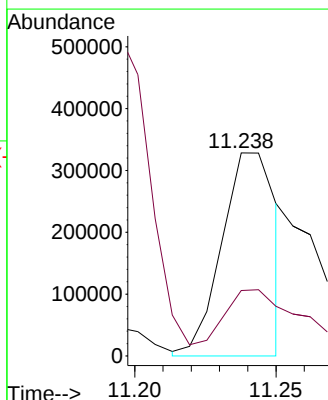
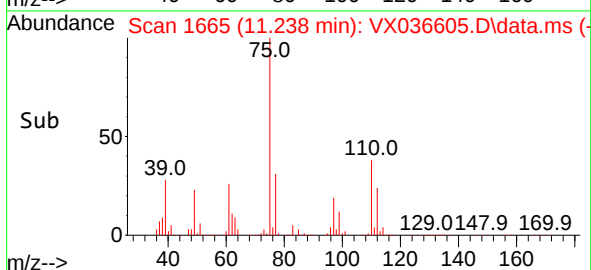
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

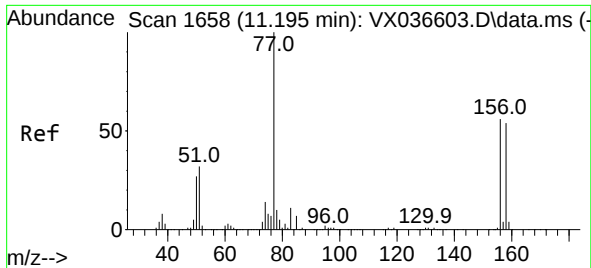


#76
1,2,3-Trichloropropane
Concen: 143.394 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44



Tgt Ion: 75 Resp: 435851
Ion Ratio Lower Upper
75 100
77 47.9 19.1 57.5





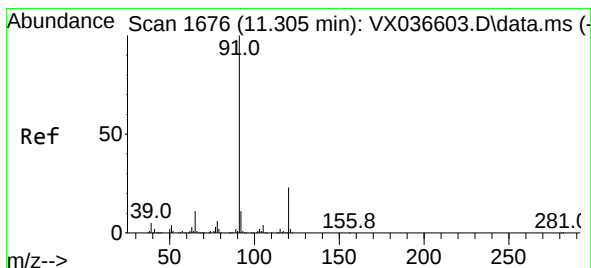
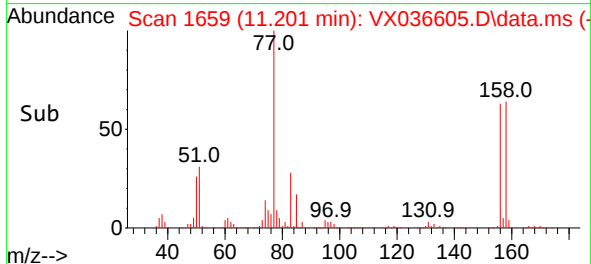
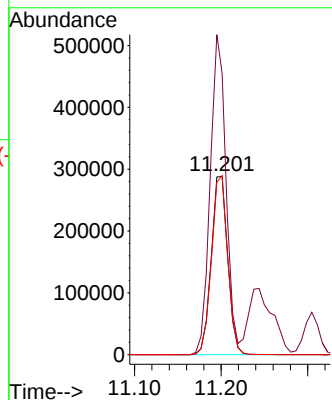
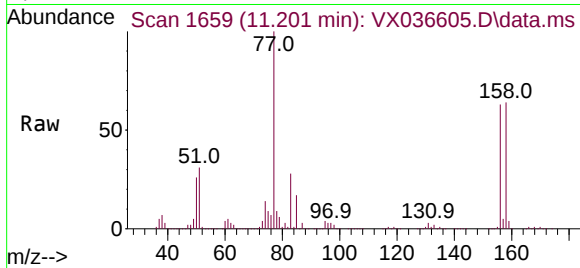
#77
Bromobenzene
Concen: 146.232 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:156 Resp: 38085
Ion Ratio Lower Upper
156 100
77 171.5 88.4 265.3
158 98.0 48.0 144.0

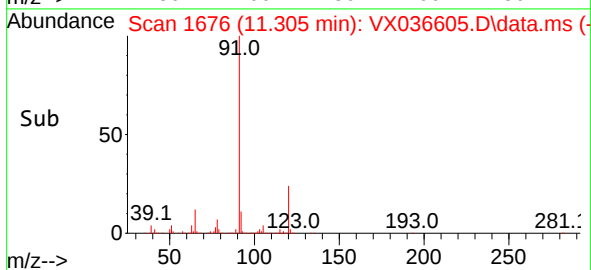
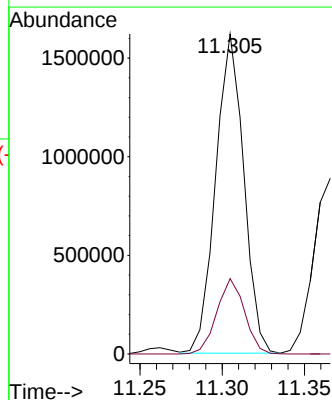
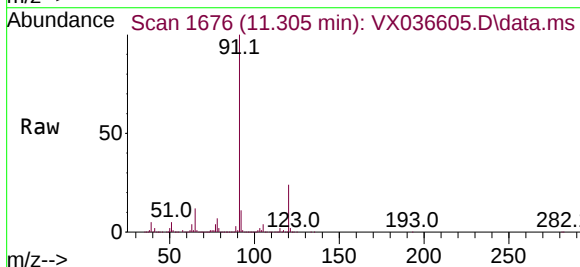
Manual Integrations
APPROVED

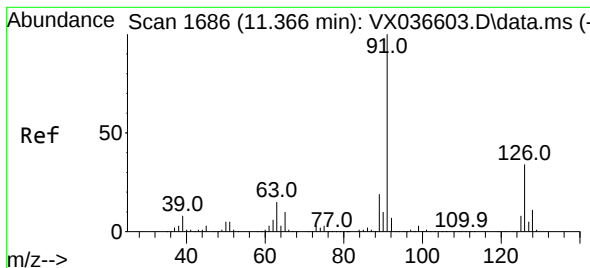
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#78
n-propylbenzene
Concen: 154.207 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

Tgt Ion: 91 Resp: 1918071
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4





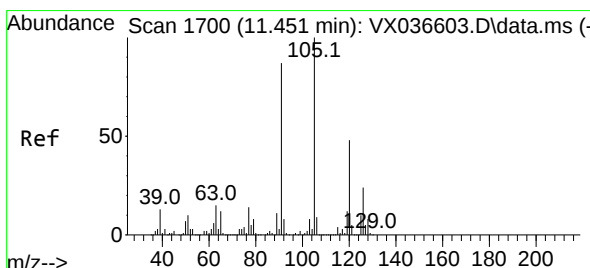
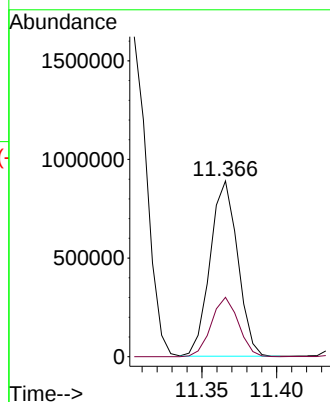
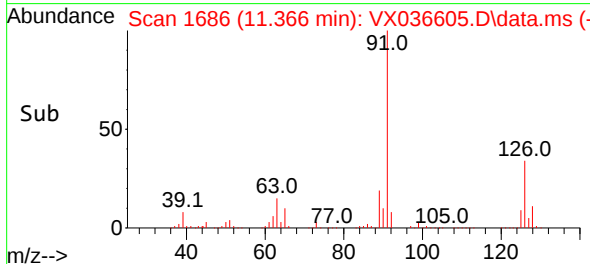
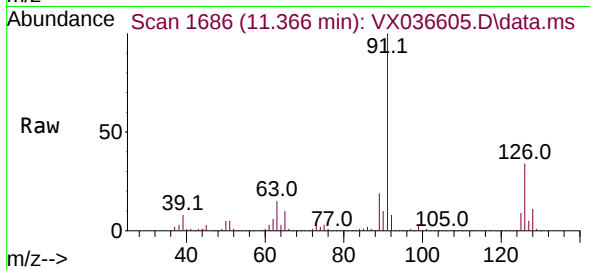
#79
2-Chlorotoluene
Concen: 153.904 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 114172
Ion Ratio Lower Upper
91 100
126 33.3 16.3 48.8

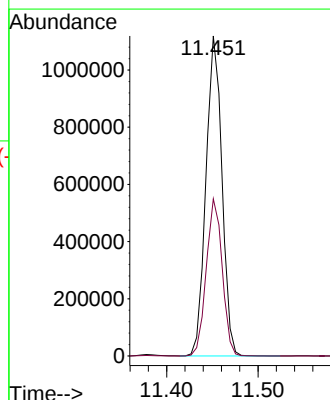
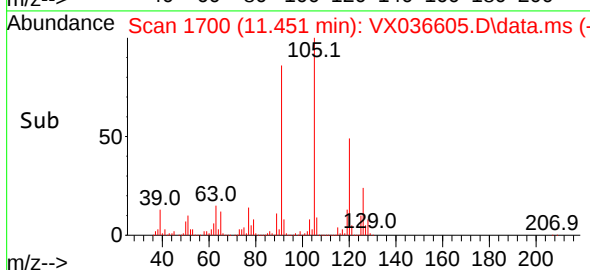
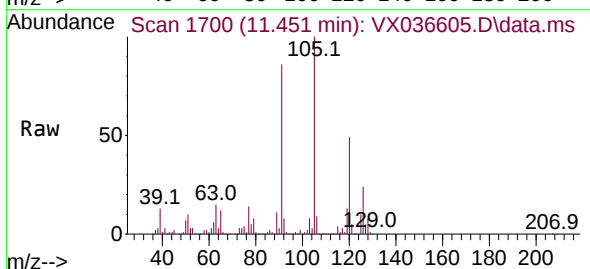
Manual Integrations
APPROVED

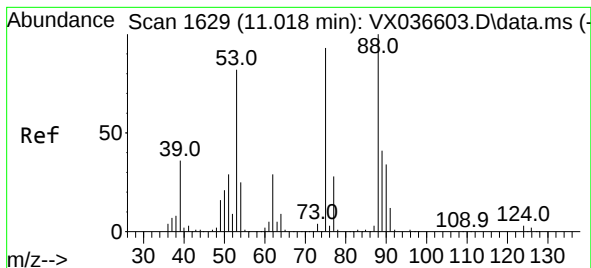
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#80
1,3,5-Trimethylbenzene
Concen: 150.436 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

Tgt Ion:105 Resp: 1355585
Ion Ratio Lower Upper
105 100
120 48.9 24.1 72.3





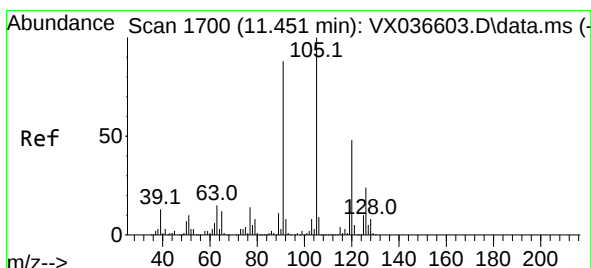
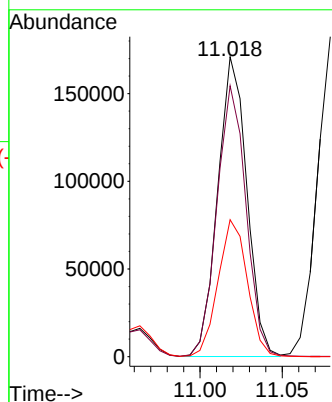
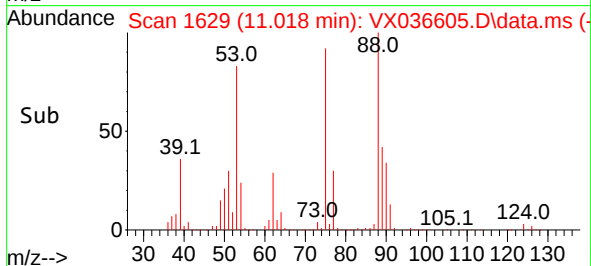
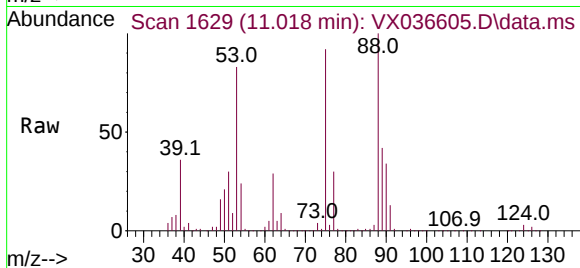
#81
trans-1,4-Dichloro-2-butene
Concen: 205.985 ug/l
RT: 11.018 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 21070
Ion Ratio Lower Upper
75 100
53 89.9 90.5 135.7
89 46.0 36.9 55.3

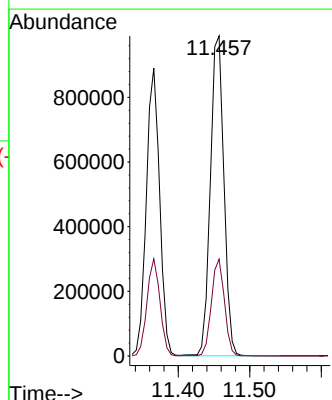
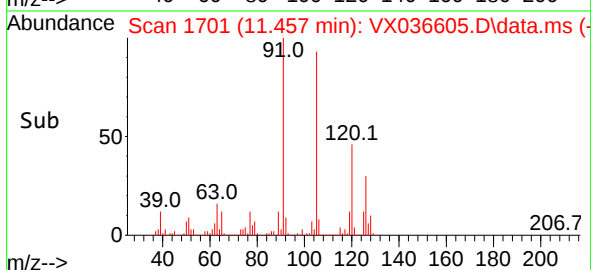
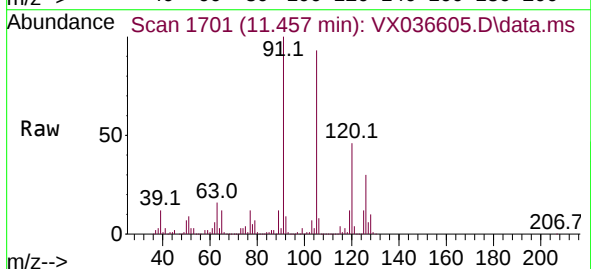
Manual Integrations
APPROVED

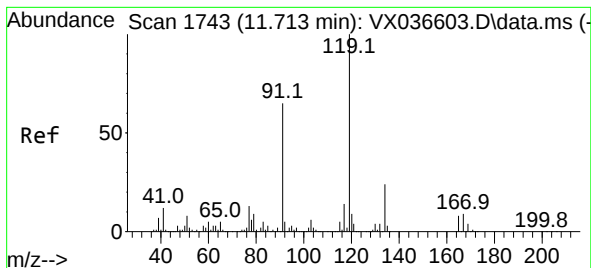
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#82
4-Chlorotoluene
Concen: 151.060 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

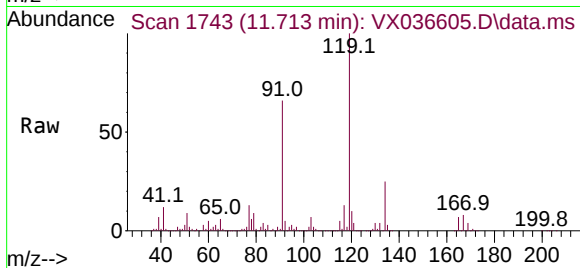
Tgt Ion: 91 Resp: 1300496
Ion Ratio Lower Upper
91 100
126 29.2 14.2 42.6





#83
tert-Butylbenzene
Concen: 157.829 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

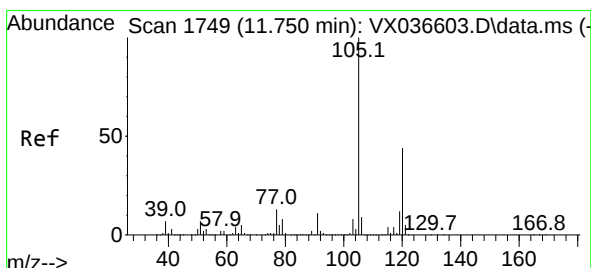
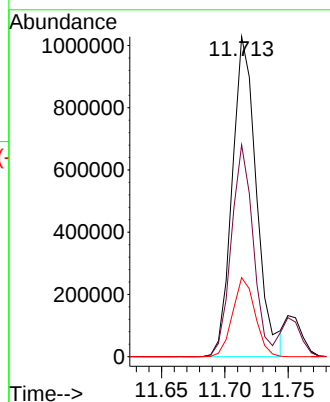
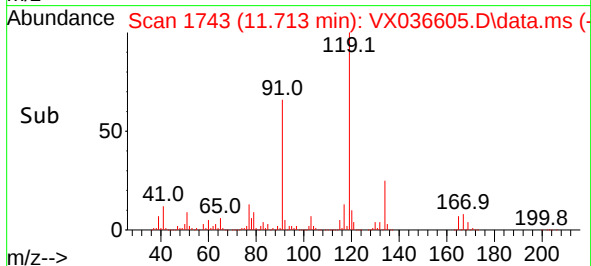
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



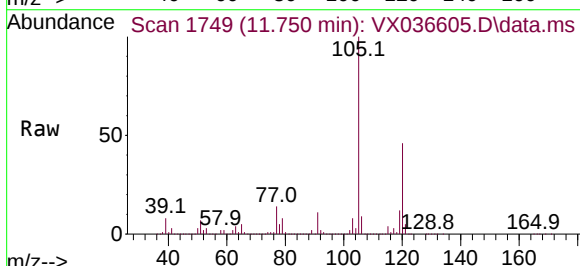
Tgt Ion:119 Resp: 136797
Ion Ratio Lower Upper
119 100
91 60.1 31.2 93.6
134 22.9 11.7 35.0

Manual Integrations
APPROVED

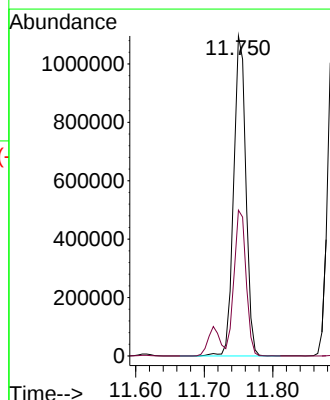
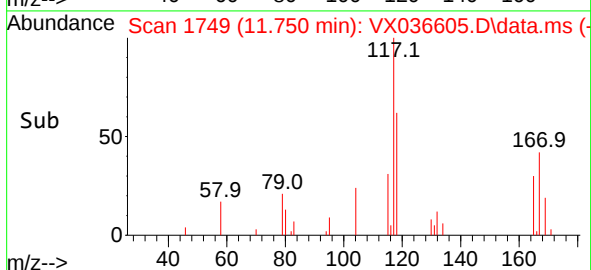
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

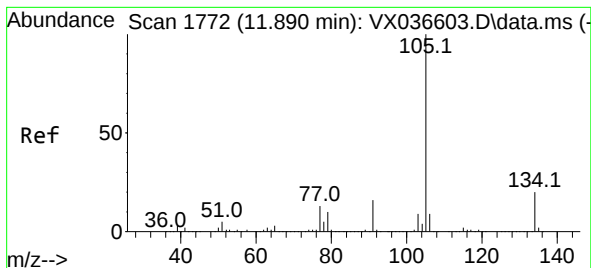


#84
1,2,4-Trimethylbenzene
Concen: 151.998 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44



Tgt Ion:105 Resp: 1357502
Ion Ratio Lower Upper
105 100
120 44.8 21.2 63.6





#85

sec-Butylbenzene

Concen: 155.007 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX036605.D

Acq: 21 Jul 2023 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:105 Resp: 1701204

Ion Ratio Lower Upper

105 100

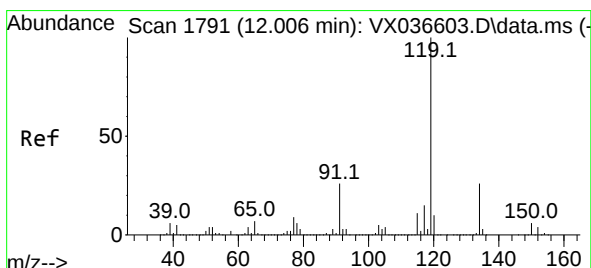
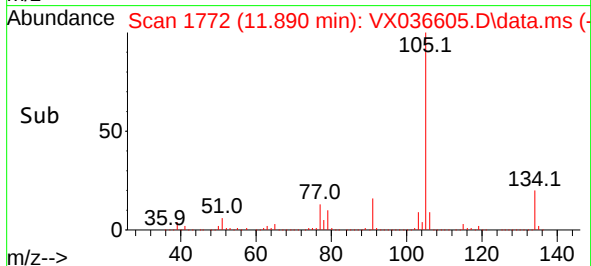
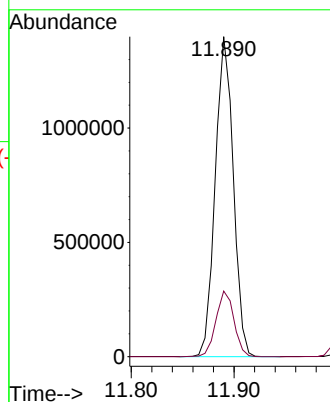
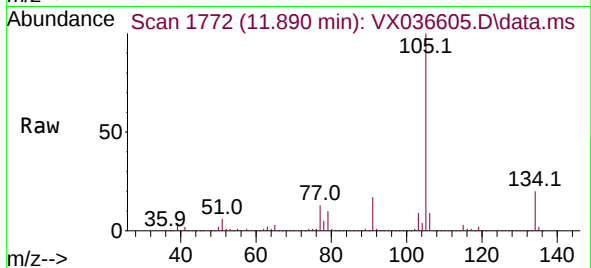
134 20.5 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#86

p-Isopropyltoluene

Concen: 153.447 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX036605.D

Acq: 21 Jul 2023 11:44

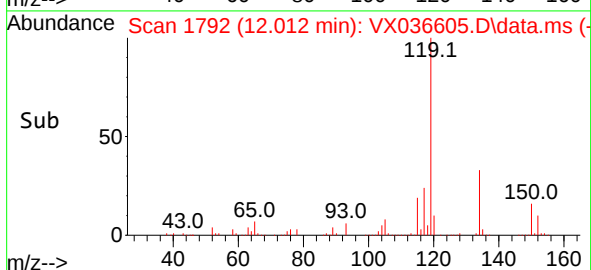
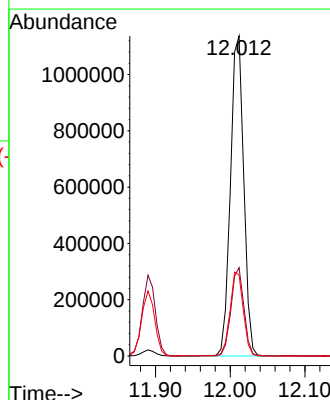
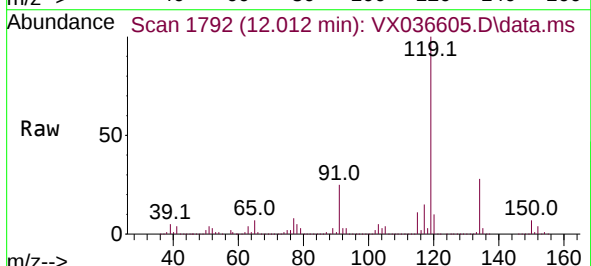
Tgt Ion:119 Resp: 1409658

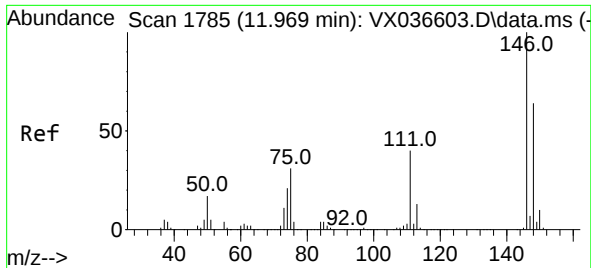
Ion Ratio Lower Upper

119 100

134 26.8 12.8 38.3

91 26.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 148.883 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX036605.D

Acq: 21 Jul 2023 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:146 Resp: 712712

Ion Ratio Lower Upper

146 100

111 43.2 22.1 66.1

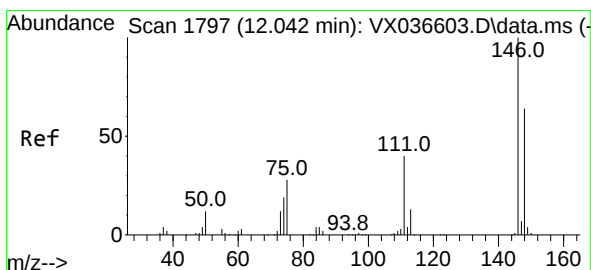
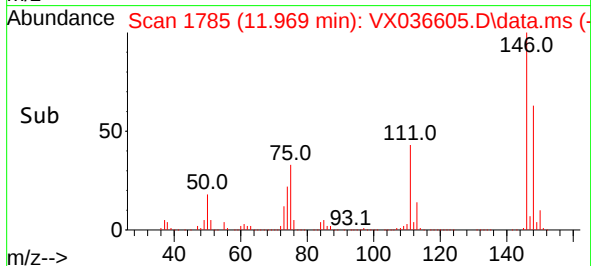
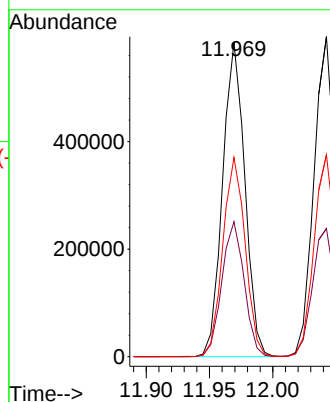
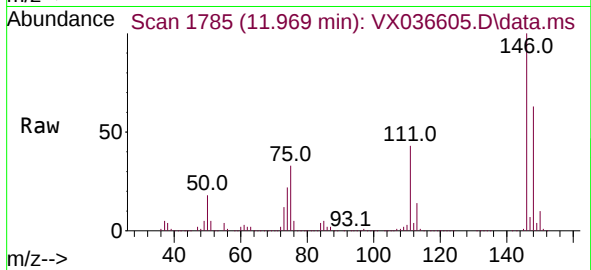
148 63.7 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#88

1,4-Dichlorobenzene

Concen: 146.516 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX036605.D

Acq: 21 Jul 2023 11:44

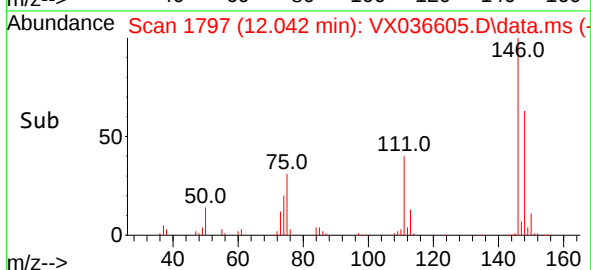
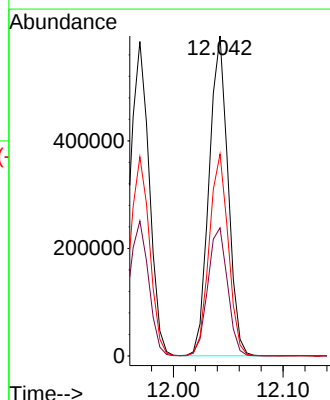
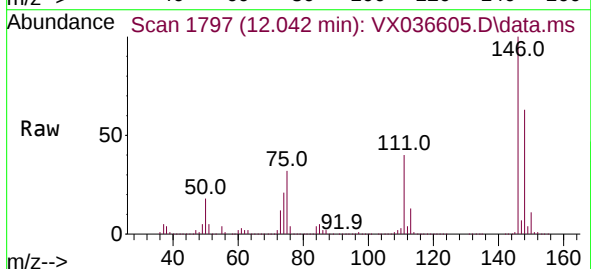
Tgt Ion:146 Resp: 713674

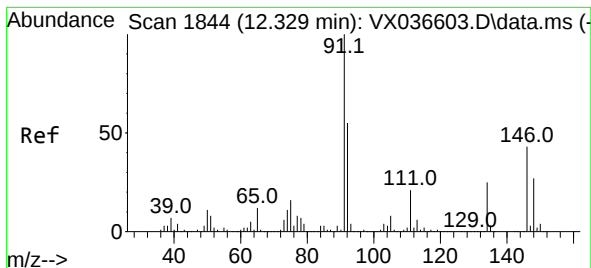
Ion Ratio Lower Upper

146 100

111 41.8 21.3 63.7

148 63.7 31.8 95.4





#89

n-Butylbenzene

Concen: 159.080 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX036605.D

Acq: 21 Jul 2023 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 91 Resp: 130243

Ion Ratio Lower Upper

91 100

92 55.4 27.4 82.0

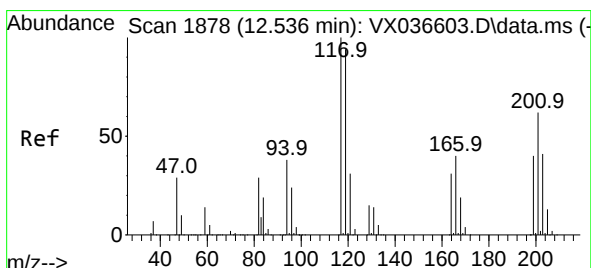
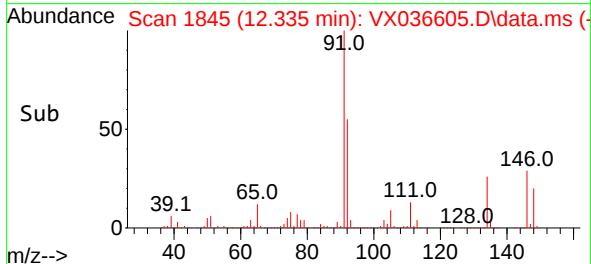
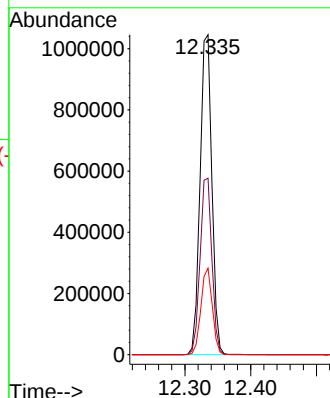
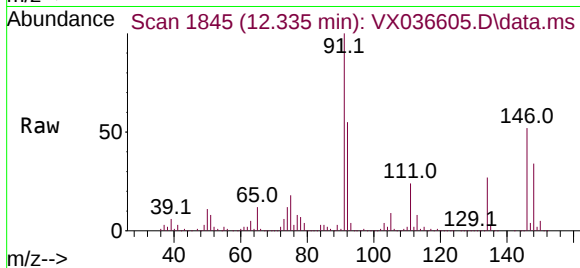
134 26.2 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#90

Hexachloroethane

Concen: 201.282 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX036605.D

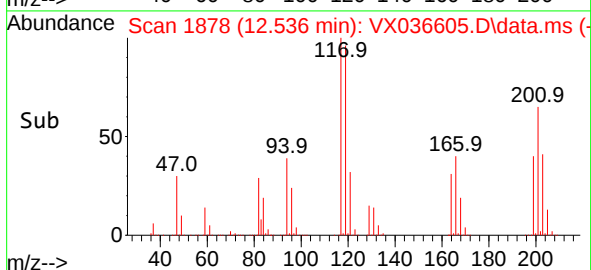
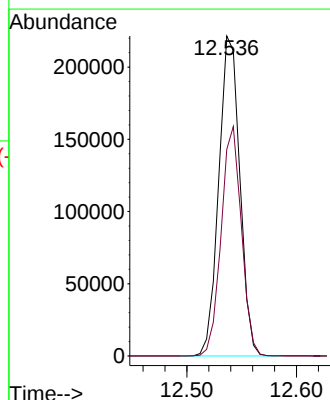
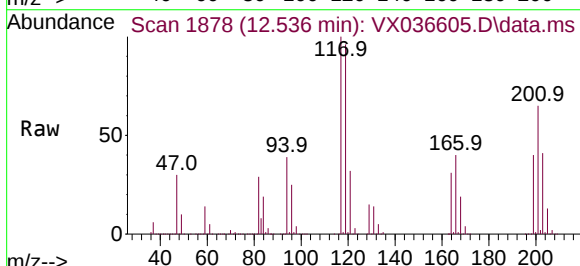
Acq: 21 Jul 2023 11:44

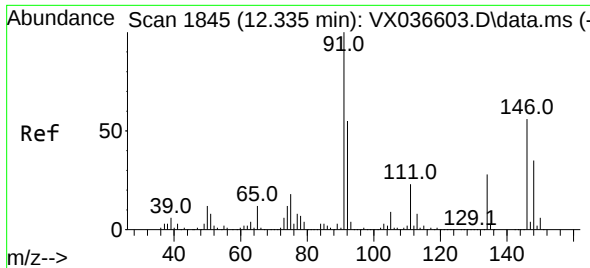
Tgt Ion:117 Resp: 295581

Ion Ratio Lower Upper

117 100

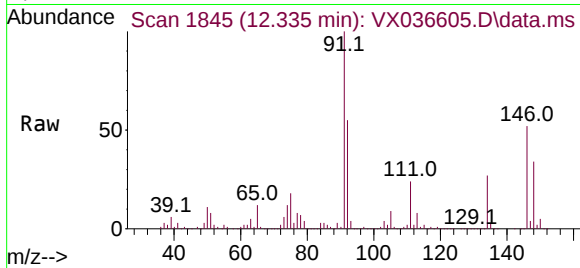
201 69.1 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 143.760 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

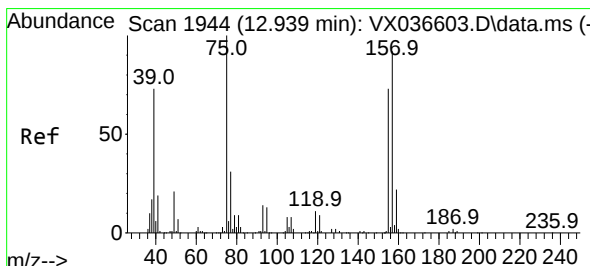
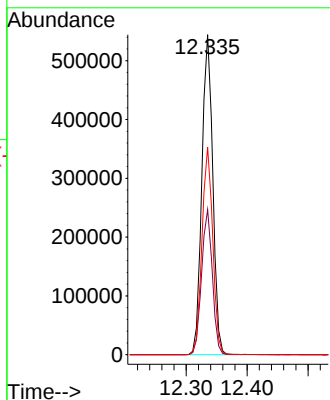
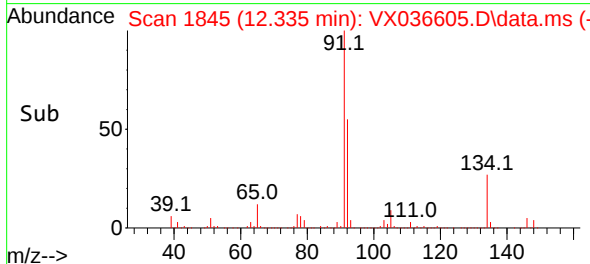
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



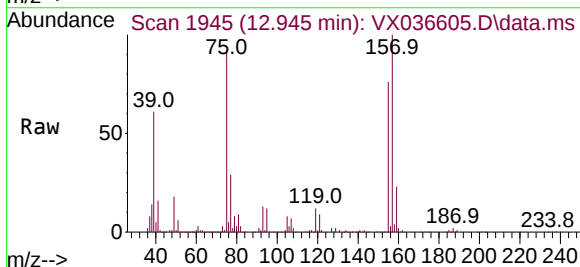
Tgt Ion:146 Resp: 676168
Ion Ratio Lower Upper
146 100
111 44.7 22.4 67.0
148 64.0 31.6 95.0

Manual Integrations
APPROVED

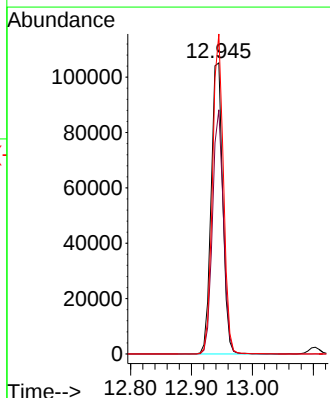
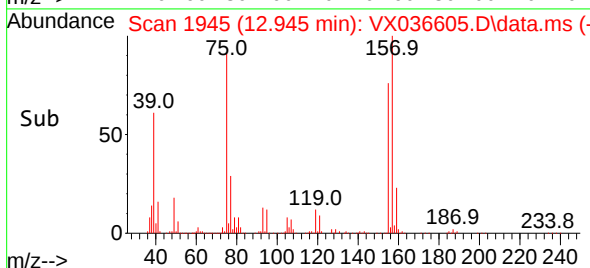
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

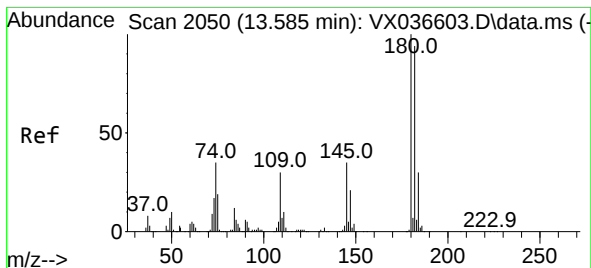


#92
1,2-Dibromo-3-Chloropropane
Concen: 195.523 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44



Tgt Ion: 75 Resp: 138129
Ion Ratio Lower Upper
75 100
155 79.8 36.1 108.5
157 104.0 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 159.891 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036605.D

Acq: 21 Jul 2023 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

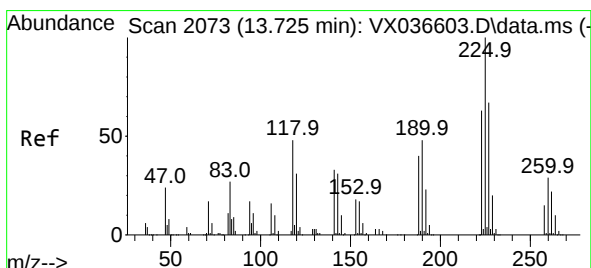
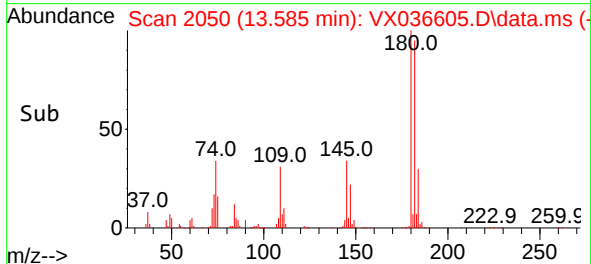
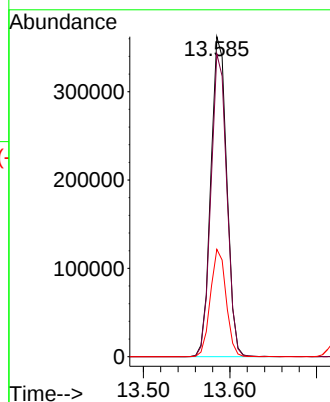
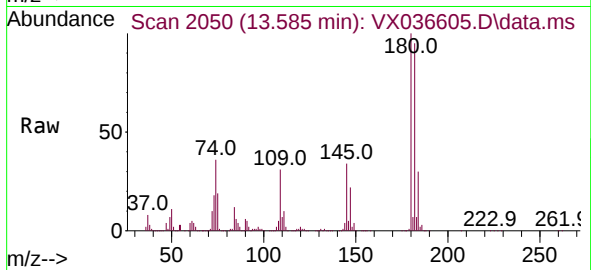
Tgt Ion:180	Resp: 46314
Ion Ratio	Lower Upper
180 100	
182 94.1	48.3 144.8
145 33.0	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#94

Hexachlorobutadiene

Concen: 155.085 ug/l

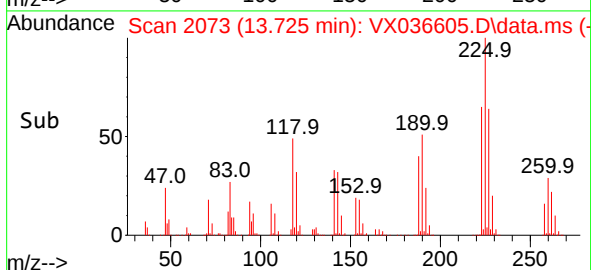
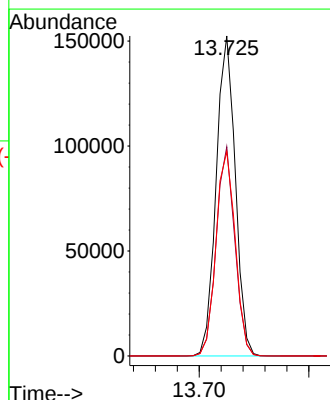
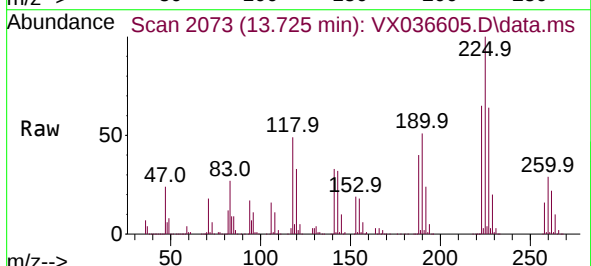
RT: 13.725 min Scan# 2073

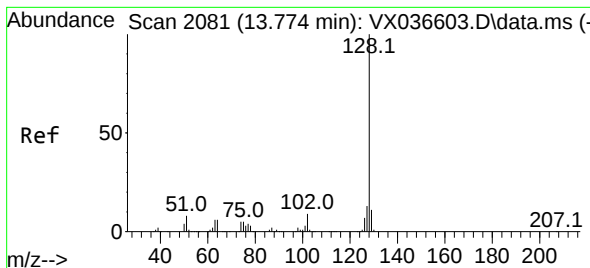
Delta R.T. -0.000 min

Lab File: VX036605.D

Acq: 21 Jul 2023 11:44

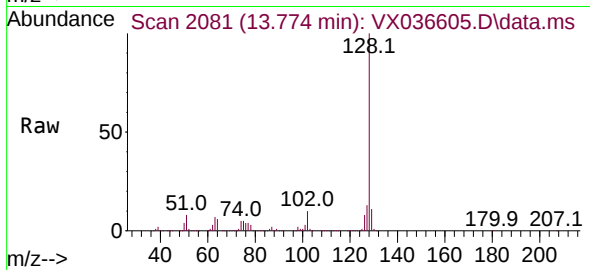
Tgt Ion:225	Resp: 184496
Ion Ratio	Lower Upper
225 100	
223 63.7	31.1 93.2
227 64.6	32.5 97.5





#95
Naphthalene
Concen: 162.289 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44

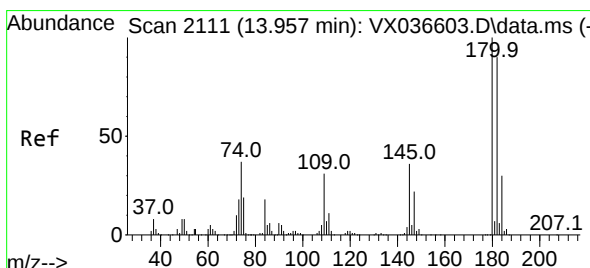
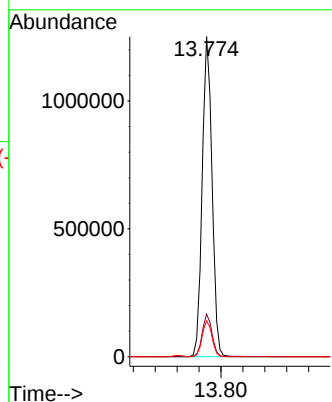
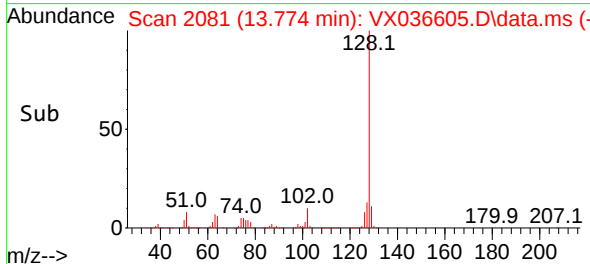
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



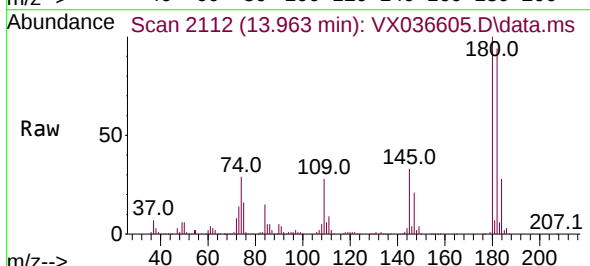
Tgt Ion:128 Resp: 155777
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.2 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#96
1,2,3-Trichlorobenzene
Concen: 163.109 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX036605.D
Acq: 21 Jul 2023 11:44



Tgt Ion:180 Resp: 460112
Ion Ratio Lower Upper
180 100
182 94.0 46.9 140.6
145 35.0 17.8 53.5

