

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071924\
 Data File : VX042394.D
 Acq On : 19 Jul 2024 10:56
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 19 11:25:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 11:18:14 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/19/2024
 Supervised By : Mahesh Dadoda 07/22/2024

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

Internal Standards						
1) Bromochloromethane	4.897	128	29506	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	180606	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	164841	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	64889	31.947	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 106.500%			
60) 4-Bromofluorobenzene	11.079	95	78078	30.599	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 102.000%			
63) Toluene-d8	8.647	98	213517	30.275	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.933%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	260817	136.553	ug/l	98
3) Chloromethane	1.300	50	269516	126.232	ug/l	98
4) Vinyl Chloride	1.374	62	271404	129.986	ug/l	99
5) Bromomethane	1.599	94	138027	123.665	ug/l	98
6) Chloroethane	1.666	64	111096	124.538	ug/l	99
7) Trichlorofluoromethane	1.867	101	314825	119.728	ug/l	100
8) Diethyl Ether	2.136	74	141535	124.374	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	273257	152.863	ug/l	99
10) 1,1-Dichloroethene	2.312	96	260462	144.442	ug/l	95
11) Methyl Iodide	2.447	142	314654	134.068	ug/l	98
12) Methyl Acetate	2.709	43	433154	188.408	ug/l	100
13) Acrolein	2.245	56	265281	572.267	ug/l	99
14) Acrylonitrile	3.075	53	785872	720.200	ug/l	98
15) Acetone	2.392	58	223973	717.511	ug/l	99
16) Carbon Disulfide	2.501	76	558824	141.408	ug/l	100
17) Allyl chloride	2.660	41	395661	144.474	ug/l	99
18) Methylene Chloride	2.788	84	285541	138.053	ug/l	96
19) trans-1,2-Dichloroethene	3.087	96	267368	148.012	ug/l	97
20) Diisopropyl ether	3.769	45	865130	153.687	ug/l	92
21) 1,1-Dichloroethane	3.605	63	496150	154.303	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	334384	152.921	ug/l	97
23) tert-Butyl Alcohol	3.007	59	320074	788.966	ug/l #	100
24) Methyl tert-Butyl Ether	3.123	73	889892	159.534	ug/l	99
25) Chloroform	5.092	83	506257	154.923	ug/l	97
26) Cyclohexane	5.464	56	421441	150.903	ug/l #	100
29) 1,1-Dichloropropene	5.690	75	348643	147.905	ug/l	97
30) 2-Butanone	4.568	43	1081325	686.543	ug/l	100
31) 2,2-Dichloropropane	4.471	77	413353	160.037	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	457298	153.044	ug/l	100
33) Carbon Tetrachloride	5.672	117	405944	157.522	ug/l	97
34) Benzene	6.037	78	1104866	140.703	ug/l	99
35) Methacrylonitrile	4.928	41	227472	143.787	ug/l	96
36) 1,2-Dichloroethane	6.086	62	356190	145.606	ug/l	99
37) Trichloroethene	7.123	130	308927	144.031	ug/l	97
38) Methylcyclohexane	7.379	83	453754	145.329	ug/l	98
39) 1,2-Dichloropropane	7.427	63	275892	147.497	ug/l	97
40) Dibromomethane	7.580	93	199179	143.947	ug/l	100
41) Bromodichloromethane	7.824	83	389753	157.228	ug/l	99
42) Vinyl Acetate	3.727	43	3699939	701.811	ug/l	100

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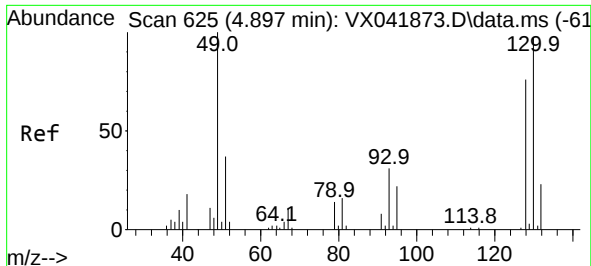
Manual Integrations
 APPROVED

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 Supervised By : Mahesh Dadoda 07/22/2024

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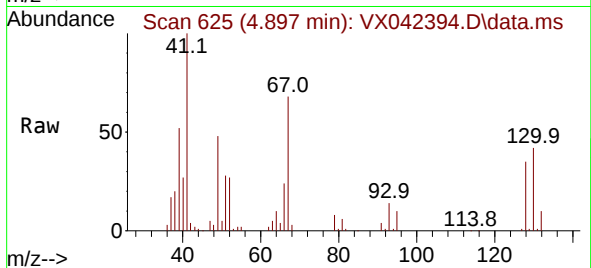
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	404896	137.105	ug/l	99
44) Isopropyl Acetate	6.342	43	657395	148.622	ug/l	100
45) 1,4-Dioxane	7.665	88	144353	2677.347	ug/l	100
46) Methyl methacrylate	7.696	41	321376	148.601	ug/l	99
47) n-amyl Acetate	10.841	43	596746	150.323	ug/l	97
48) t-1,3-Dichloropropene	8.976	75	408464	160.037	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	444975	155.424	ug/l	99
50) 1,1,2-Trichloroethane	9.153	97	283750	141.031	ug/l	98
51) Ethyl methacrylate	9.116	69	478174	149.608	ug/l	99
52) 1,3-Dichloropropane	9.305	76	458570	139.415	ug/l	99
53) Dibromochloromethane	9.525	129	342558	155.582	ug/l	100
54) 1,2-Dibromoethane	9.610	107	295216	139.141	ug/l	100
55) 2-Chloroethyl vinyl ether	8.244	63	1091072	733.401	ug/l	99
56) Bromoform	10.799	173	289175	161.066	ug/l	99
58) 4-Methyl-2-Pentanone	8.580	43	2070916	701.099	ug/l	99
59) 2-Hexanone	9.433	43	1606735	704.751	ug/l	99
61) Tetrachloroethene	9.275	164	284757	137.282	ug/l	99
62) Toluene	8.720	91	1176556	141.048	ug/l	100
64) Chlorobenzene	10.079	112	802799	141.331	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	299947	152.897	ug/l	98
66) Ethyl Benzene	10.195	91	1318973	144.630	ug/l	100
67) m/p-Xylenes	10.299	106	1056660	288.057	ug/l	97
68) o-Xylene	10.640	106	525138	143.590	ug/l	98
69) Styrene	10.652	104	900657	147.371	ug/l	99
70) Isopropylbenzene	10.963	105	1339808	145.702	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	451748	141.951	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	357516m	138.699	ug/l	
73) Bromobenzene	11.195	156	382503	142.606	ug/l	100
74) n-propylbenzene	11.305	91	1502483	148.741	ug/l	100
75) 2-Chlorotoluene	11.366	91	909654	141.815	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	1122577	145.717	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	156520	164.144	ug/l	86
78) 4-Chlorotoluene	11.457	91	1040096	145.967	ug/l	99
79) tert-butylbenzene	11.713	119	1213995	148.458	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	1128017	146.564	ug/l	99
81) sec-Butylbenzene	11.890	105	1431017	150.037	ug/l	99
82) p-Isopropyltoluene	12.006	119	1265643	151.428	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	695015	145.326	ug/l	98
84) 1,4-Dichlorobenzene	12.042	146	706052	148.317	ug/l	100
85) n-Butylbenzene	12.329	91	1051057	162.624	ug/l	99
86) Hexachloroethane	12.536	117	232359	170.234	ug/l	97
87) 1,2-Dichlorobenzene	12.335	146	705230	145.810	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.945	75	103029	156.517	ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	518029	158.224	ug/l	99
90) Hexachlorobutadiene	13.725	225	244471	151.533	ug/l	98
91) Naphthalene	13.774	128	1523417	153.995	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	518940	153.047	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

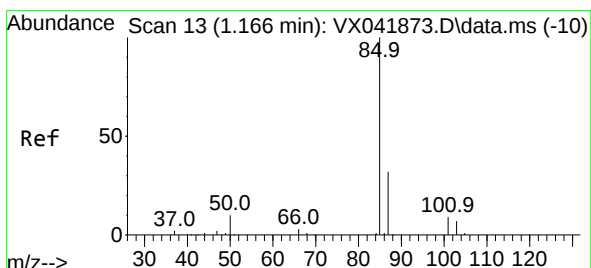
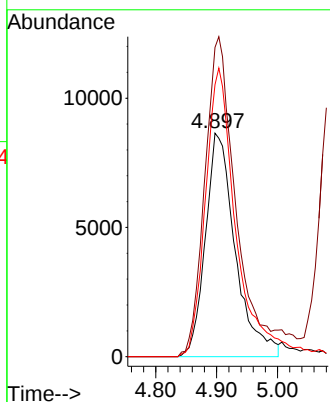
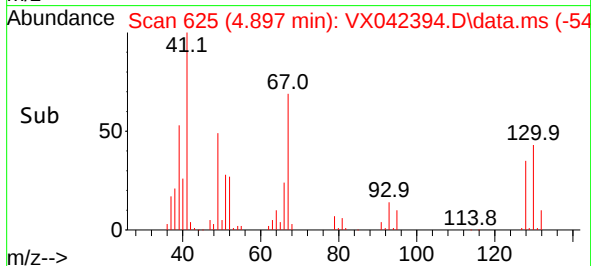
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:128 Resp: 29500
Ion Ratio Lower Upper
128 100
49 143.5 0.0 338.5
130 131.0 0.0 324.5

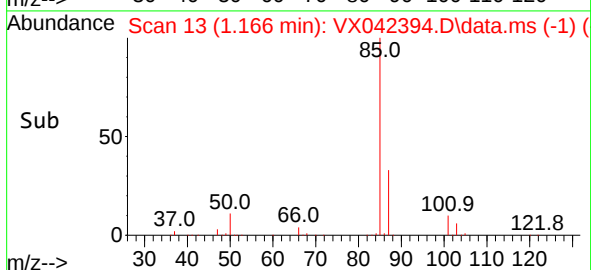
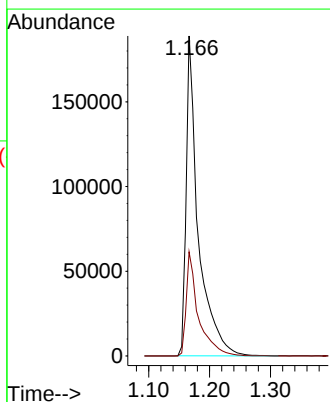
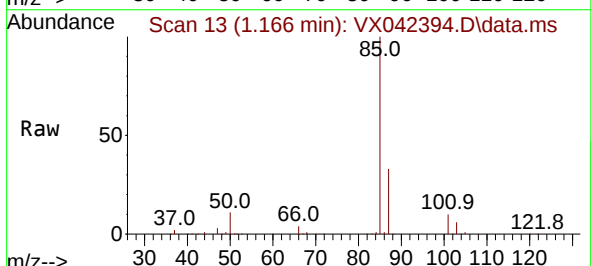
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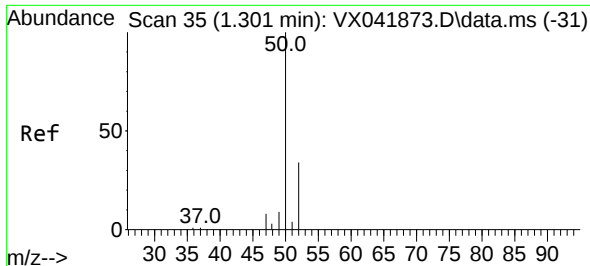
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#2
Dichlorodifluoromethane
Concen: 136.553 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

Tgt Ion: 85 Resp: 260817
Ion Ratio Lower Upper
85 100
87 32.6 15.8 47.3





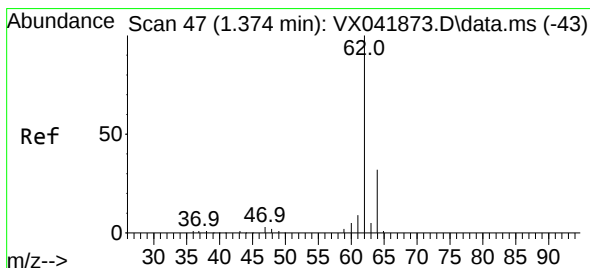
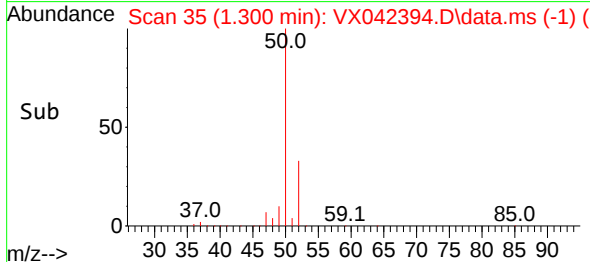
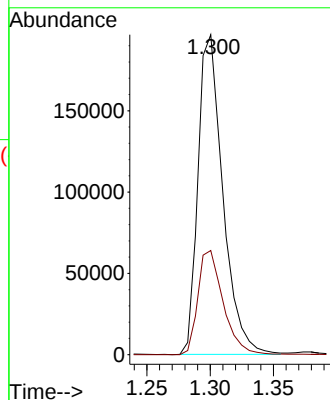
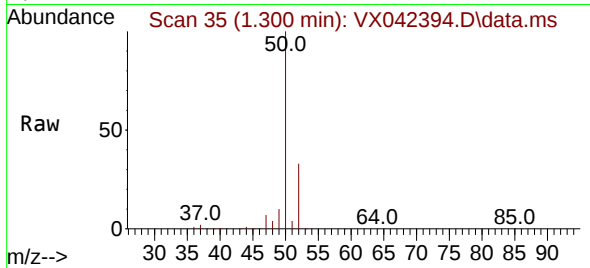
#3
Chloromethane
Concen: 126.232 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 50 Resp: 269510
Ion Ratio Lower Upper
50 100
52 32.5 26.9 40.3

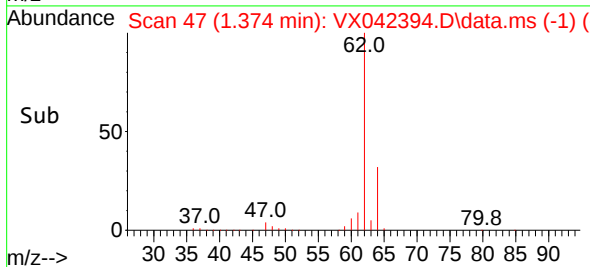
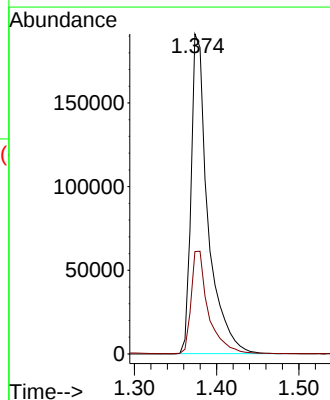
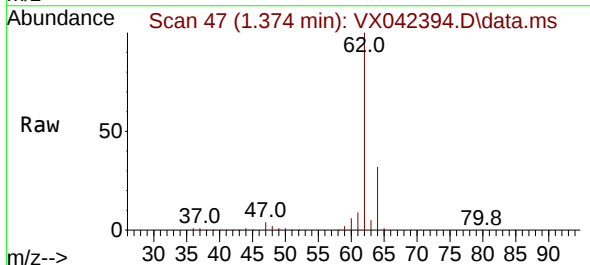
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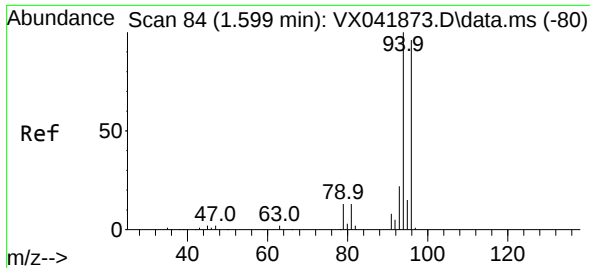
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#4
Vinyl Chloride
Concen: 129.986 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

Tgt Ion: 62 Resp: 271404
Ion Ratio Lower Upper
62 100
64 31.9 26.1 39.1





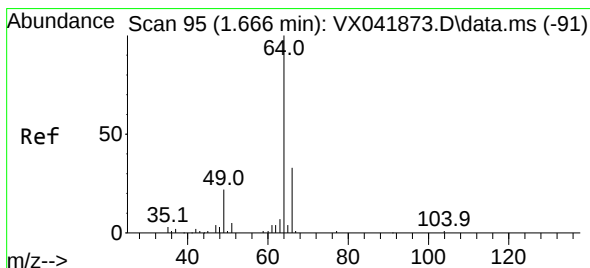
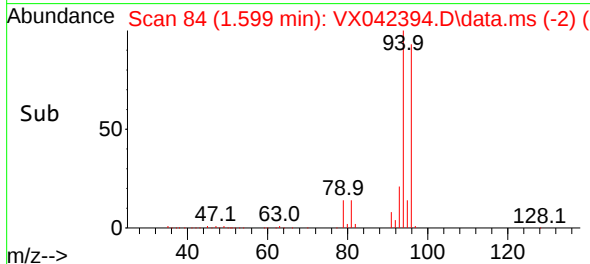
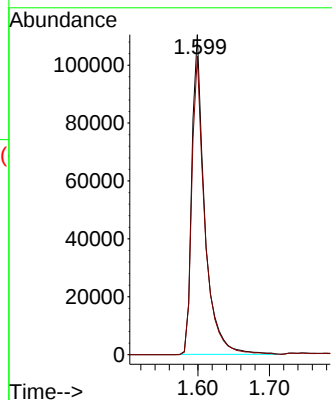
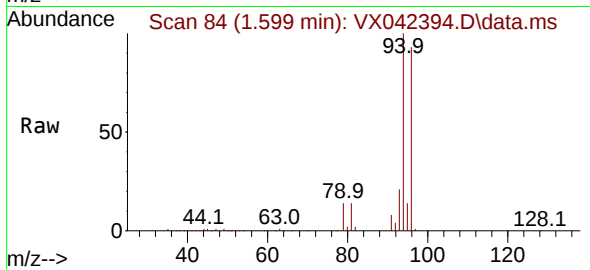
#5
Bromomethane
Concen: 123.665 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 94 Resp: 13802
Ion Ratio Lower Upper
94 100
96 93.4 76.6 115.0

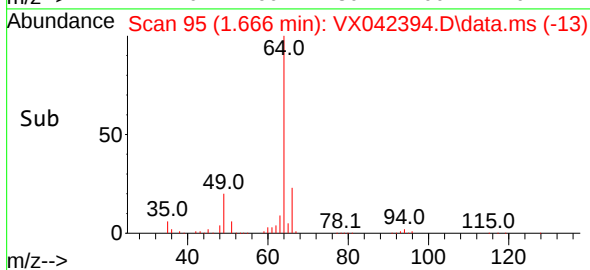
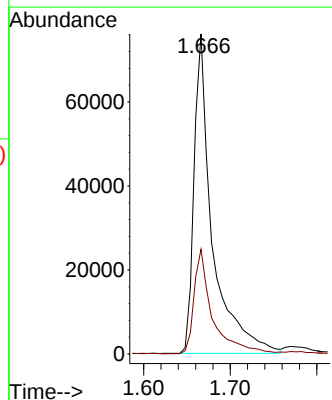
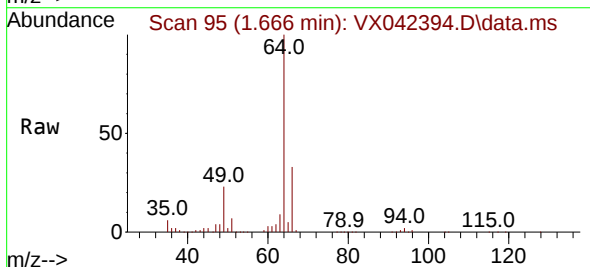
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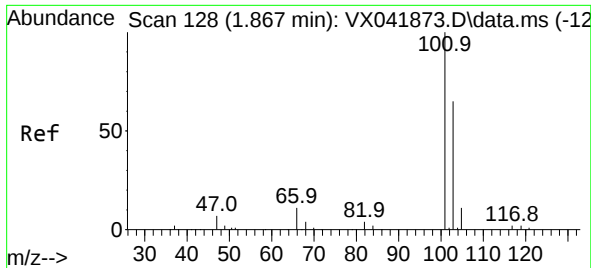
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#6
Chloroethane
Concen: 124.538 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

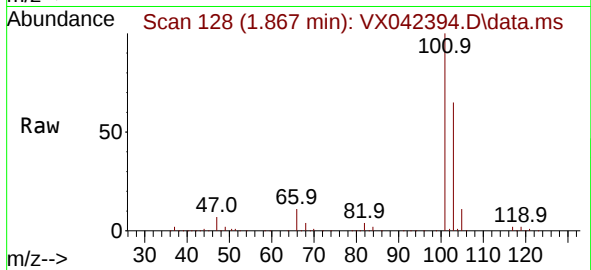
Tgt Ion: 64 Resp: 111096
Ion Ratio Lower Upper
64 100
66 32.7 26.4 39.6





#7
Trichlorofluoromethane
Concen: 119.728 ug/l
RT: 1.867 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

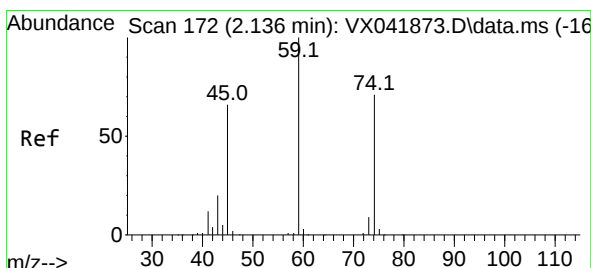
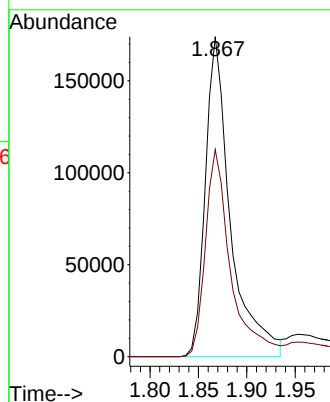
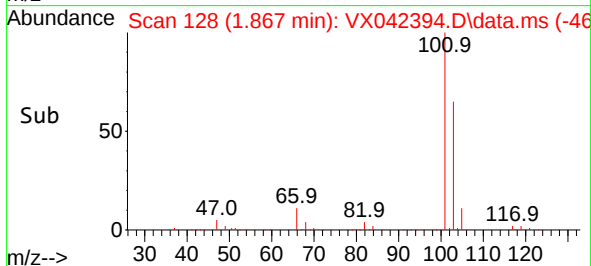
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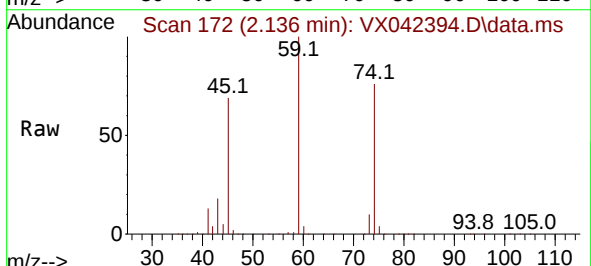
Tgt Ion:101 Resp: 31482
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.8

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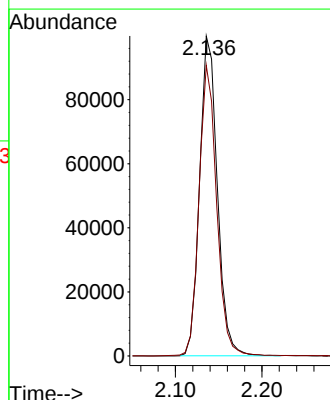
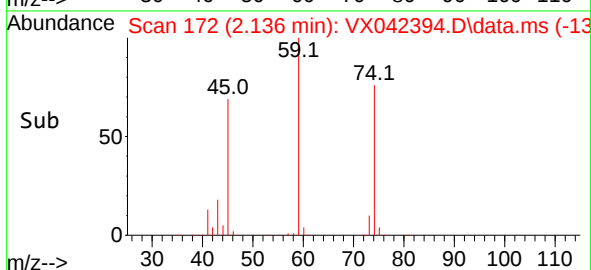
Reviewed By :John Carlone 07/19/2024
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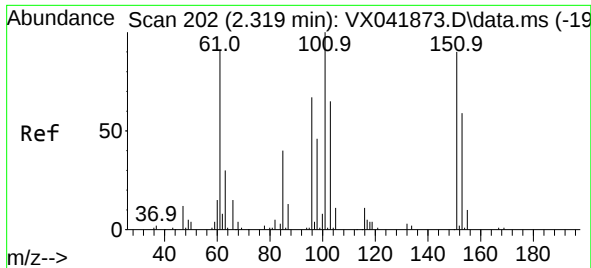


#8
Diethyl Ether
Concen: 124.374 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56



Tgt Ion: 74 Resp: 141535
Ion Ratio Lower Upper
74 100
45 90.8 18.7 168.7





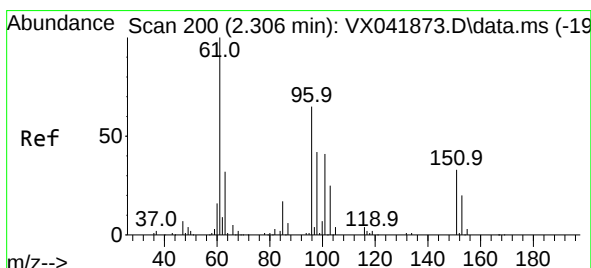
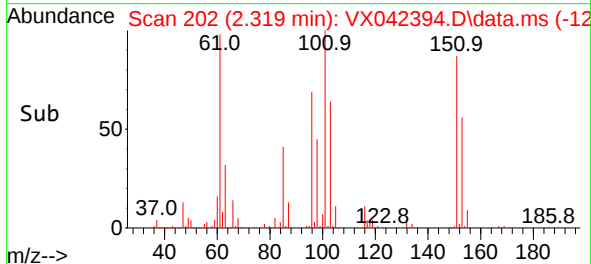
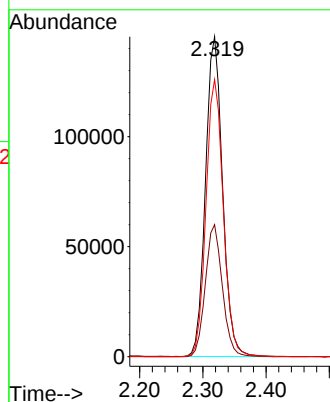
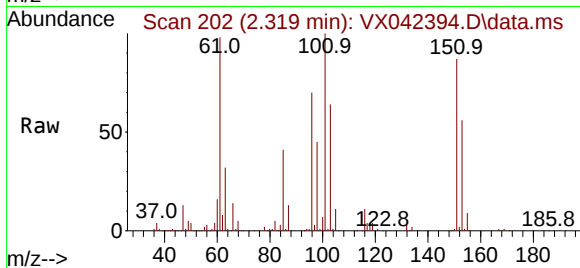
#9
1,1,2-Trichlorotrifluoroethane
Concen: 152.863 ug/l
RT: 2.319 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 27325
Ion Ratio Lower Upper
101 100
85 41.2 0.0 80.4
151 87.7 0.0 175.2

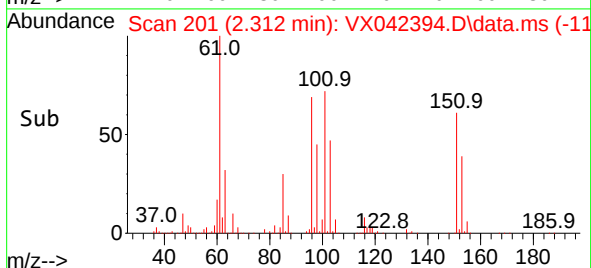
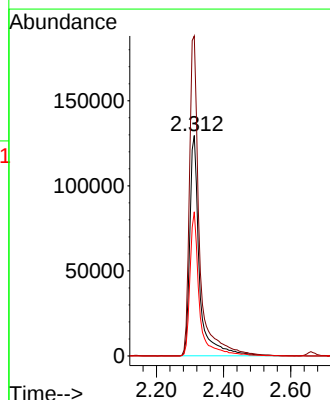
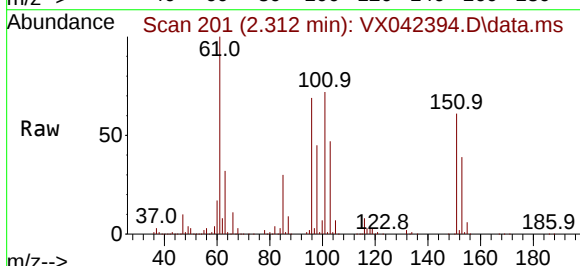
Manual Integrations
APPROVED

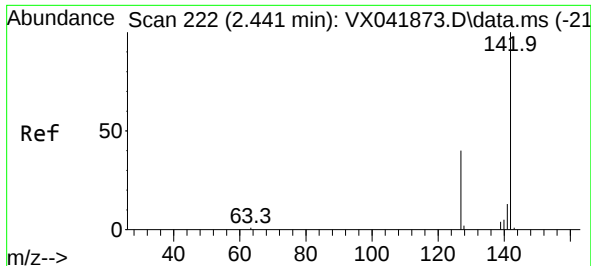
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#10
1,1-Dichloroethene
Concen: 144.442 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

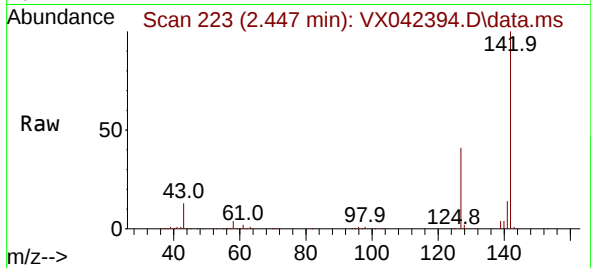
Tgt Ion: 96 Resp: 260462
Ion Ratio Lower Upper
96 100
61 145.2 122.3 183.5
98 65.4 51.5 77.3





#11
Methyl Iodide
Concen: 134.068 ug/l
RT: 2.447 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

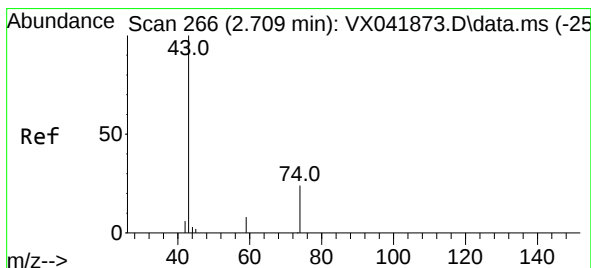
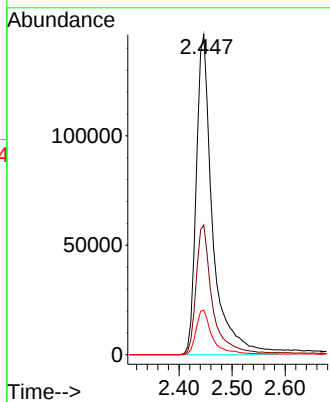
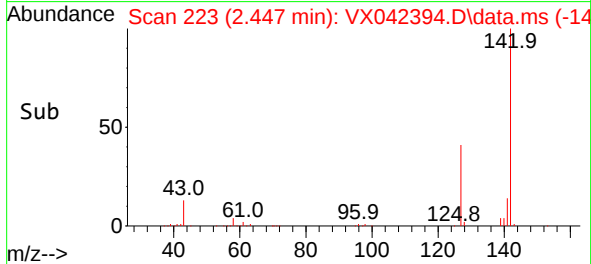
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:142 Resp: 314654
Ion Ratio Lower Upper
142 100
127 40.5 19.8 59.3
141 13.9 6.7 20.1

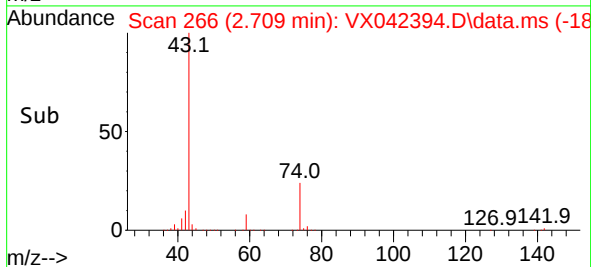
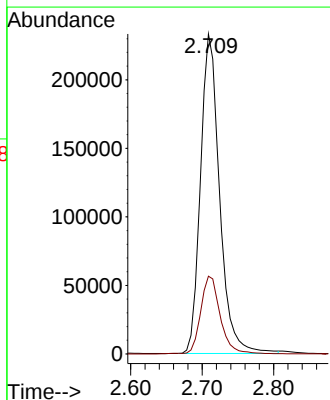
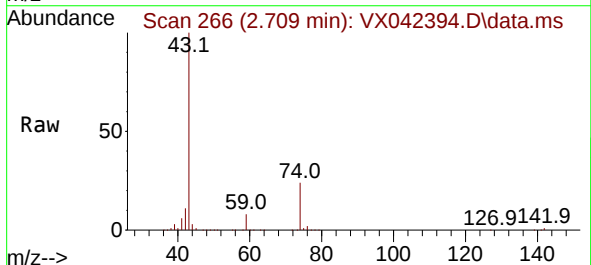
Manual Integrations
APPROVED

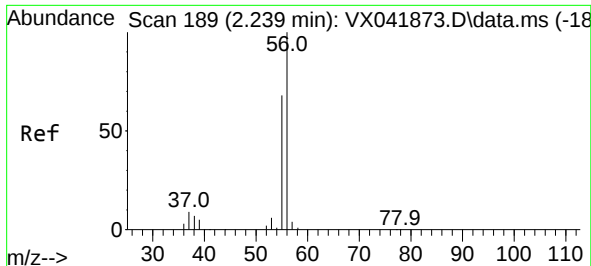
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#12
Methyl Acetate
Concen: 188.408 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

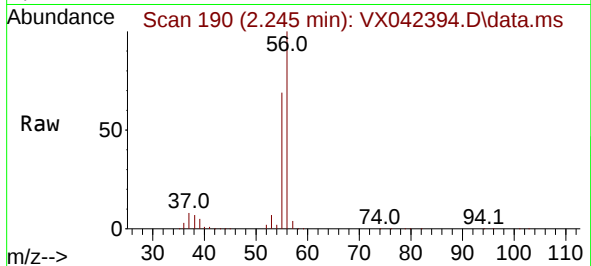
Tgt Ion: 43 Resp: 433154
Ion Ratio Lower Upper
43 100
74 24.3 19.4 29.2





#13
Acrolein
Concen: 572.267 ug/l
RT: 2.245 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

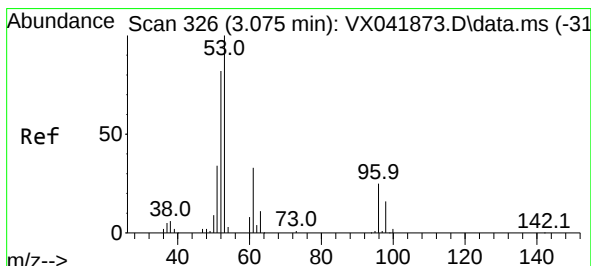
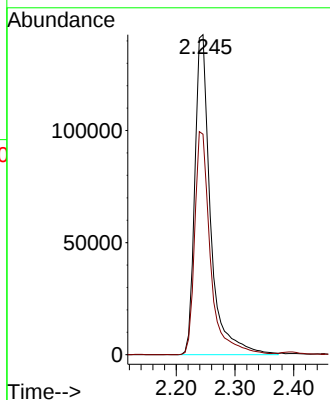
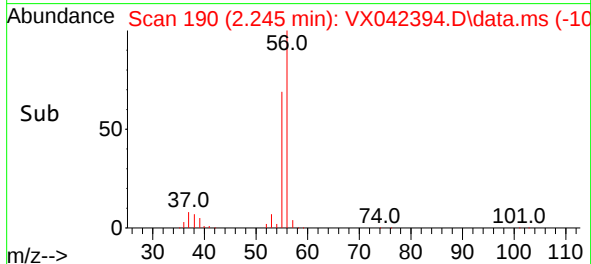
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



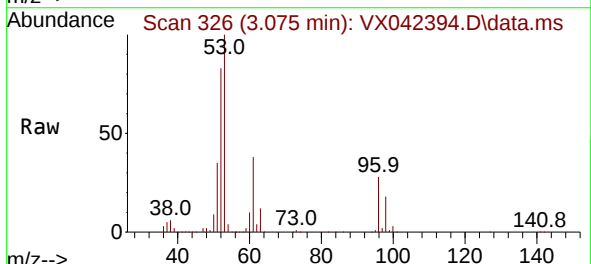
Tgt Ion: 56 Resp: 26528
Ion Ratio Lower Upper
56 100
55 70.1 55.4 83.0

Manual Integrations
APPROVED

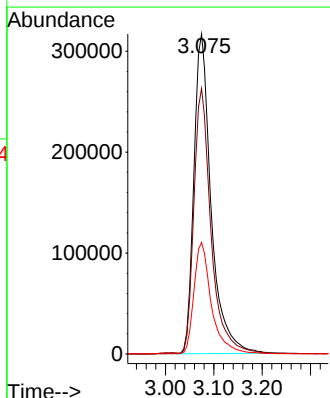
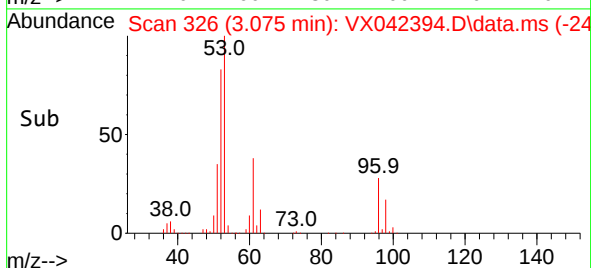
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

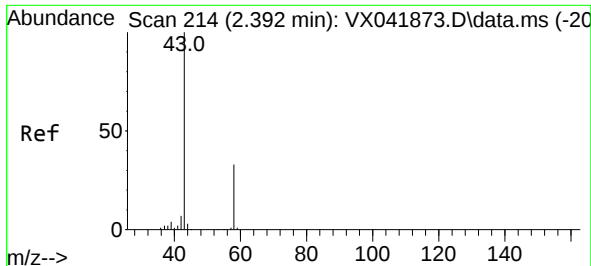


#14
Acrylonitrile
Concen: 720.200 ug/l
RT: 3.075 min Scan# 326
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56



Tgt Ion: 53 Resp: 785872
Ion Ratio Lower Upper
53 100
52 82.8 39.9 119.7
51 35.1 17.4 52.3





#15

Acetone

Concen: 717.511 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX042394.D

Acq: 19 Jul 2024 10:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 58 Resp: 22397

Ion Ratio Lower Upper

58 100

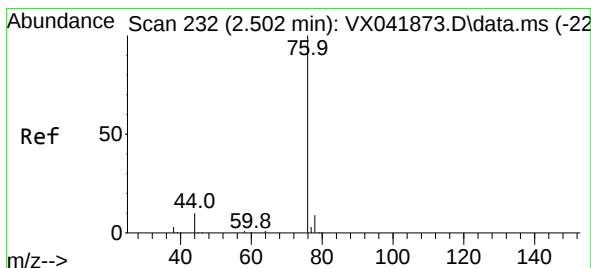
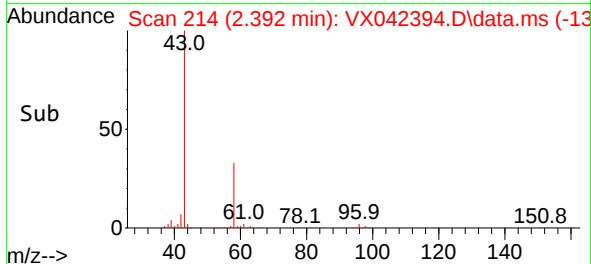
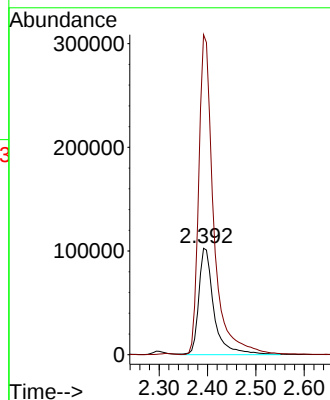
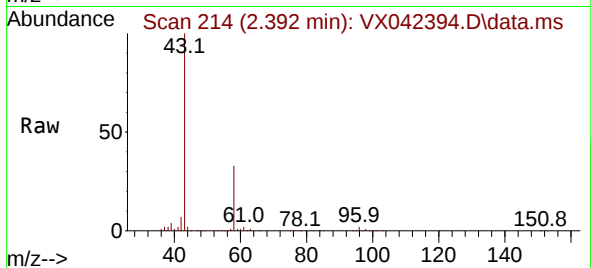
43 301.4 243.4 365.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#16

Carbon Disulfide

Concen: 141.408 ug/l

RT: 2.501 min Scan# 232

Delta R.T. -0.000 min

Lab File: VX042394.D

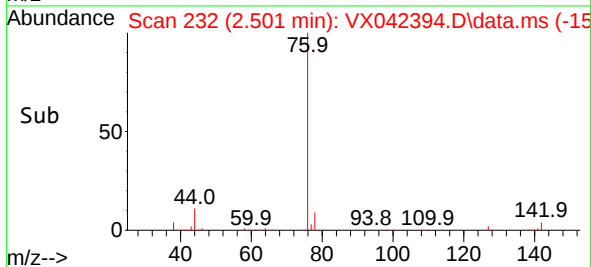
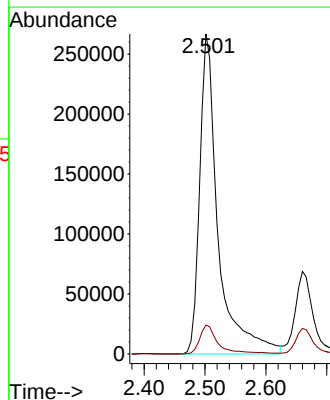
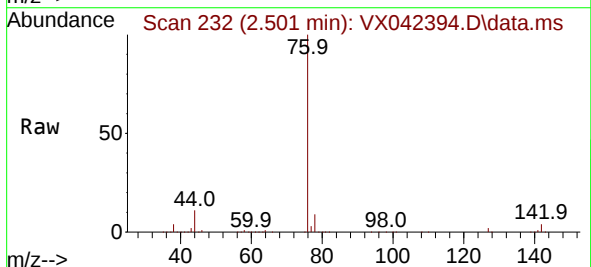
Acq: 19 Jul 2024 10:56

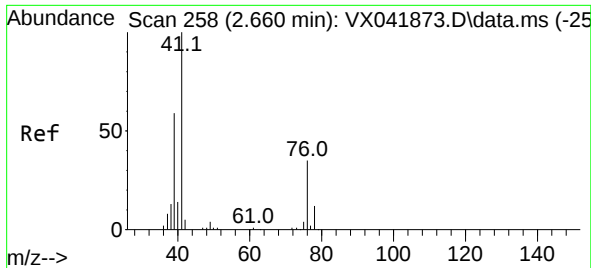
Tgt Ion: 76 Resp: 558824

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9





#17
 Allyl chloride
 Concen: 144.474 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. -0.000 min
 Lab File: VX042394.D
 Acq: 19 Jul 2024 10:56

Instrument :

MSVOA_X

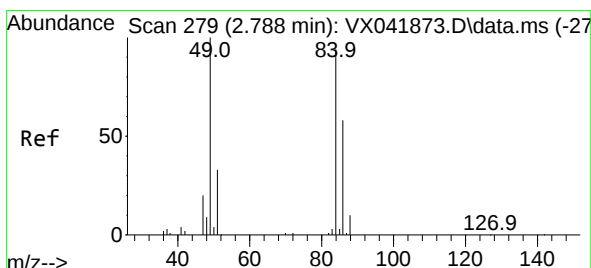
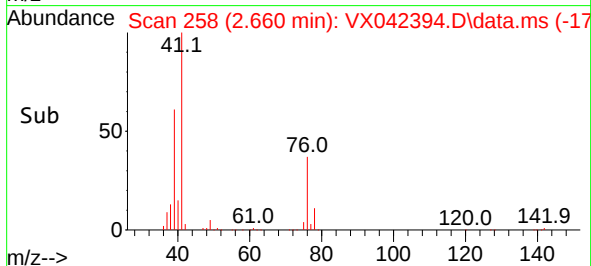
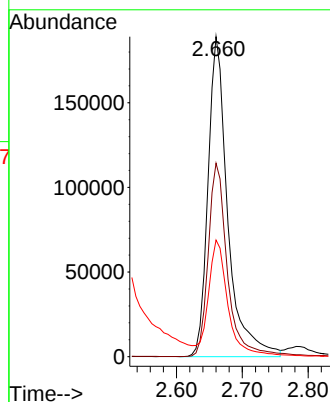
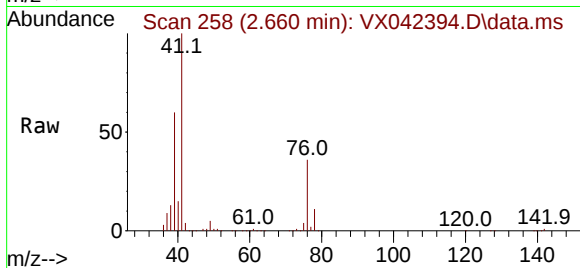
ClientSampleId :

VSTDICC150

Tgt Ion: 41 Resp: 39566
 Ion Ratio Lower Upper
 41 100
 39 60.4 29.6 88.8
 76 35.8 18.1 54.4

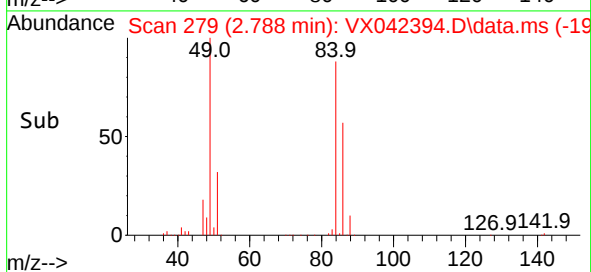
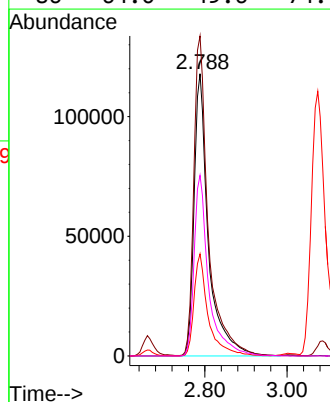
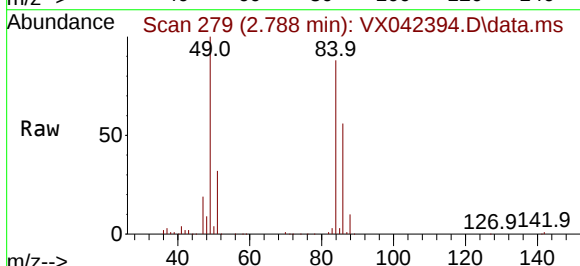
Manual Integrations
 APPROVED

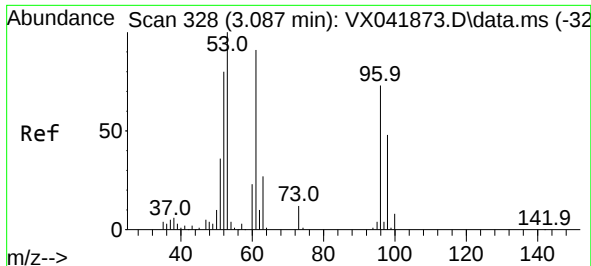
Reviewed By :John Carlone 07/19/2024
 Supervised By :Mahesh Dadoda 07/22/2024



#18
 Methylene Chloride
 Concen: 138.053 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX042394.D
 Acq: 19 Jul 2024 10:56

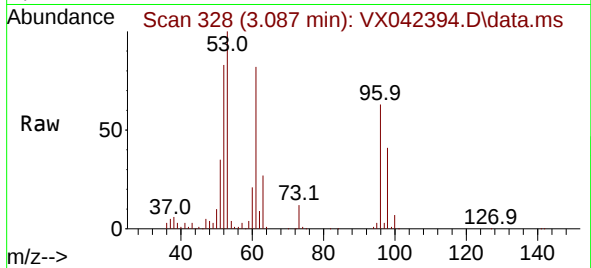
Tgt Ion: 84 Resp: 285541
 Ion Ratio Lower Upper
 84 100
 49 113.2 85.3 127.9
 51 36.1 28.5 42.7
 86 64.0 49.6 74.4





#19
trans-1,2-Dichloroethene
Concen: 148.012 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

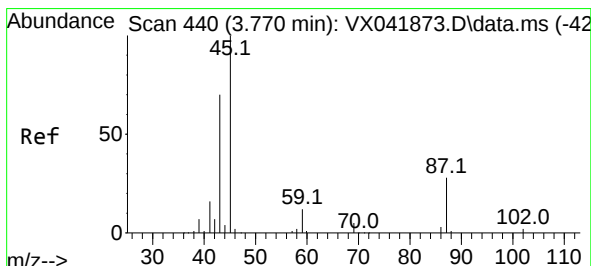
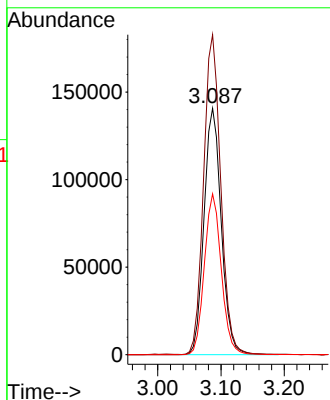
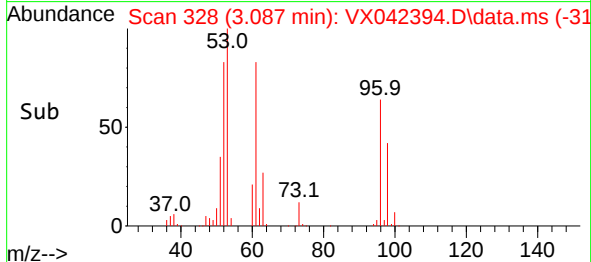
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 96 Resp: 267368
Ion Ratio Lower Upper
96 100
61 129.8 100.1 150.1
98 65.3 52.1 78.1

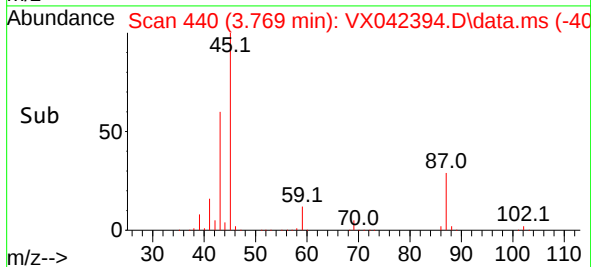
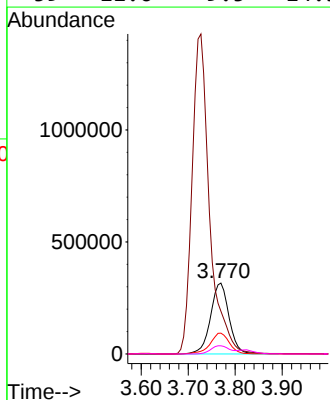
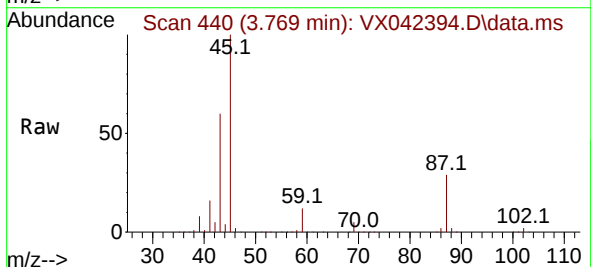
Manual Integrations
APPROVED

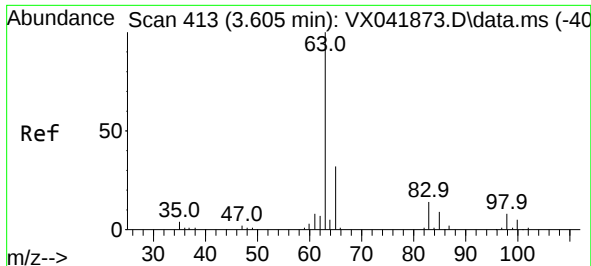
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#20
Diisopropyl ether
Concen: 153.687 ug/l
RT: 3.769 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

Tgt Ion: 45 Resp: 865130
Ion Ratio Lower Upper
45 100
43 59.6 55.8 83.8
87 29.3 22.6 34.0
59 11.6 9.5 14.3





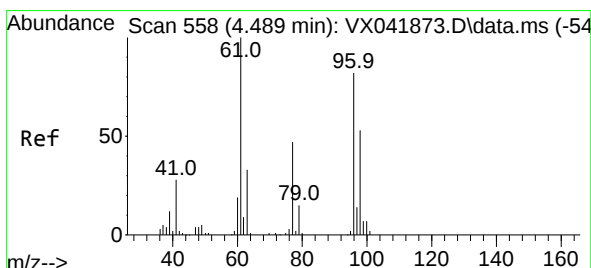
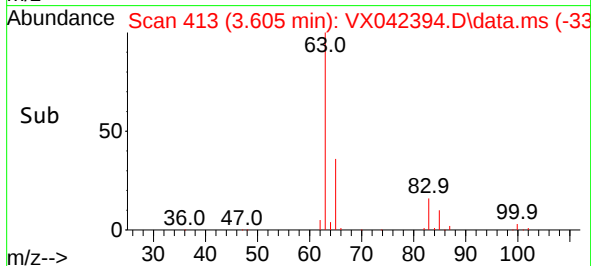
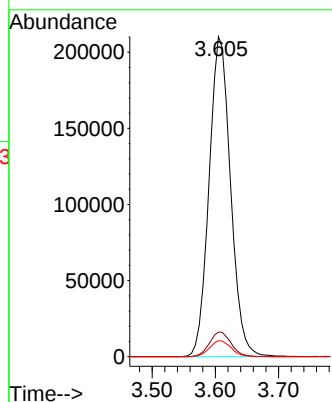
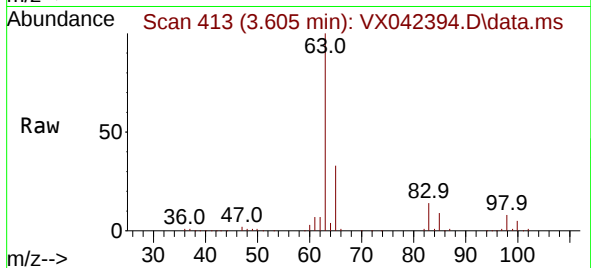
#21
1,1-Dichloroethane
Concen: 154.303 ug/l
RT: 3.605 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 63 Resp: 496150
Ion Ratio Lower Upper
63 100
98 7.7 4.2 12.4
100 5.0 2.5 7.4

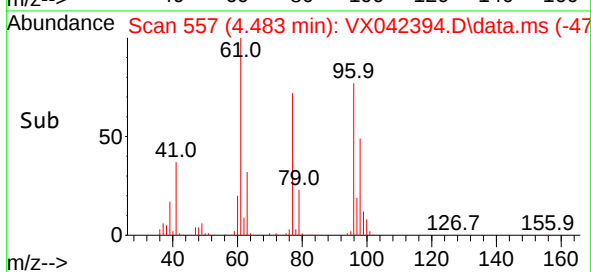
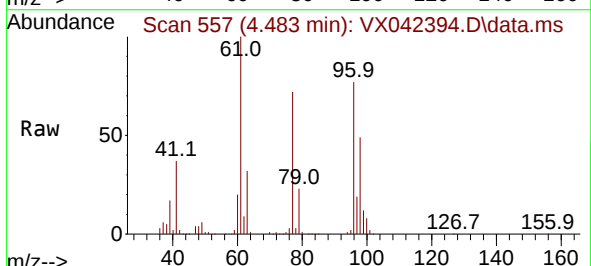
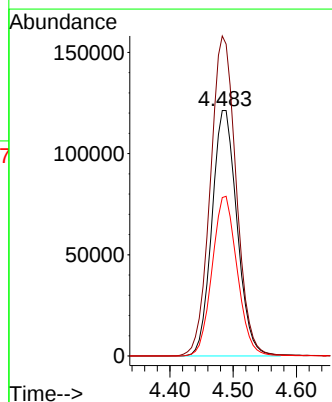
Manual Integrations
APPROVED

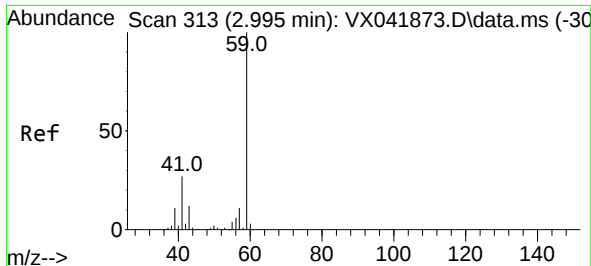
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#22
cis-1,2-Dichloroethene
Concen: 152.921 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

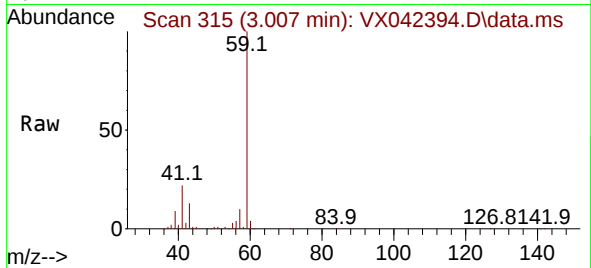
Tgt Ion: 96 Resp: 334384
Ion Ratio Lower Upper
96 100
61 134.4 103.3 154.9
98 64.9 52.2 78.2





#23
tert-Butyl Alcohol
Concen: 788.966 ug/l
RT: 3.007 min Scan# 313
Delta R.T. 0.012 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

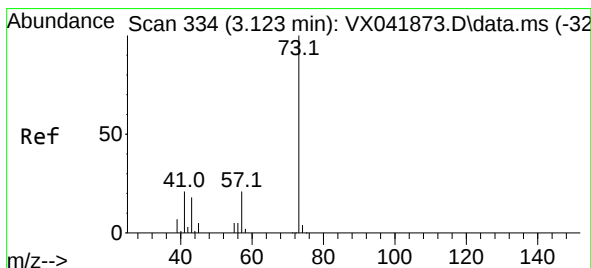
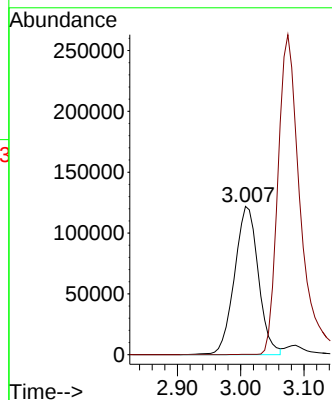
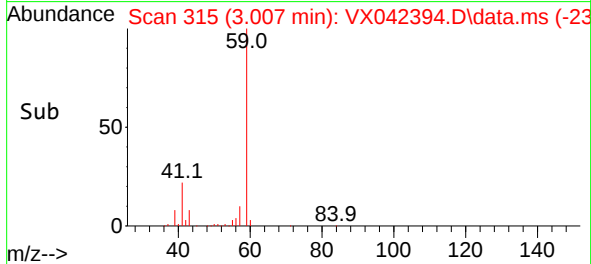
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 59 Resp: 320074
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0

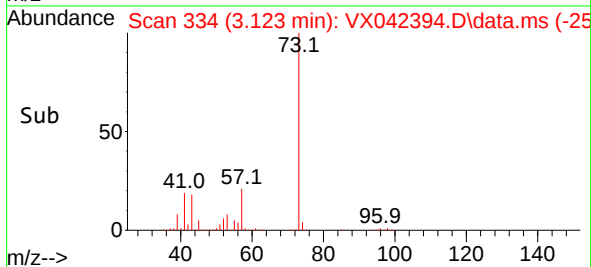
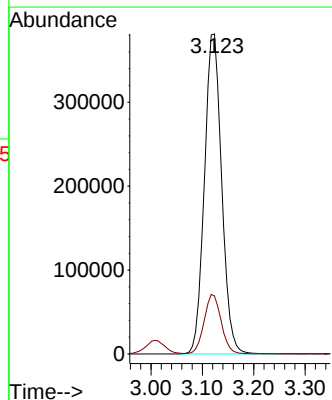
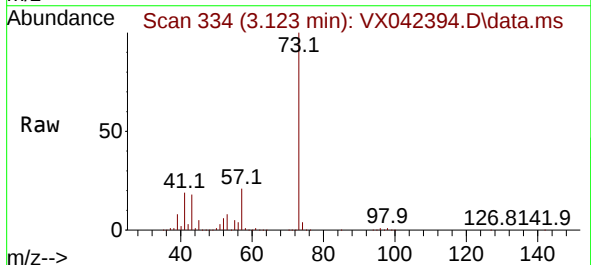
Manual Integrations
APPROVED

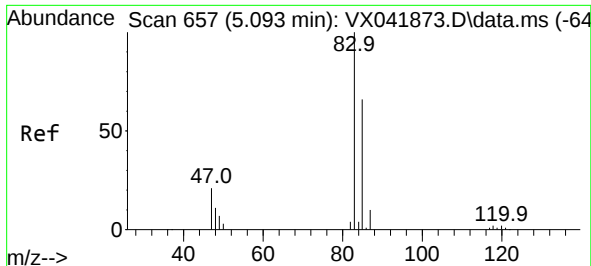
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#24
Methyl tert-Butyl Ether
Concen: 159.534 ug/l
RT: 3.123 min Scan# 334
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

Tgt Ion: 73 Resp: 889892
Ion Ratio Lower Upper
73 100
43 18.4 15.1 22.7





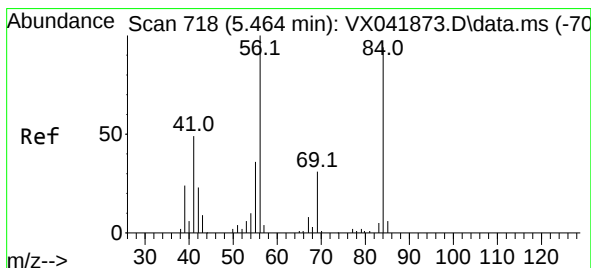
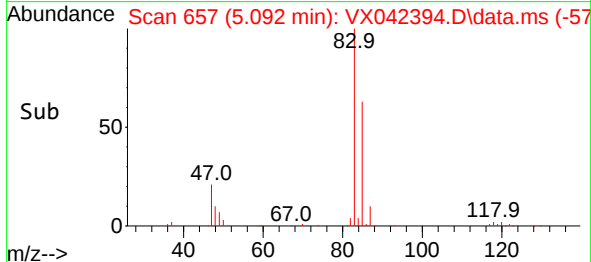
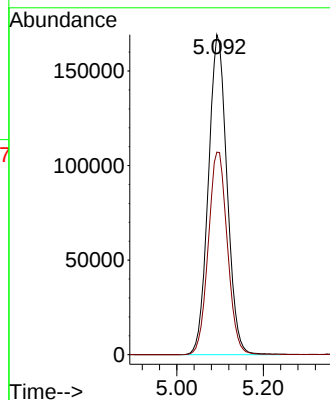
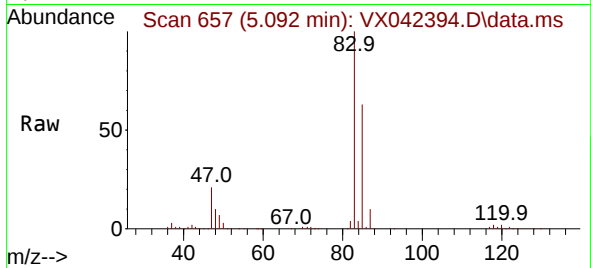
#25
Chloroform
Concen: 154.923 ug/l
RT: 5.092 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 50625
Ion Ratio Lower Upper
83 100
85 63.3 52.7 79.1

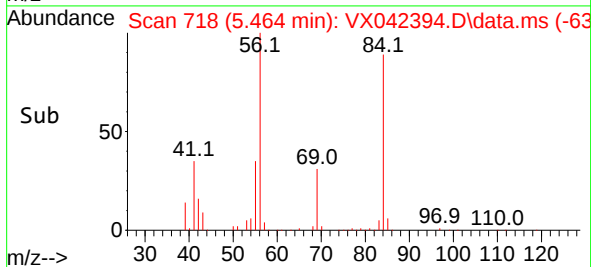
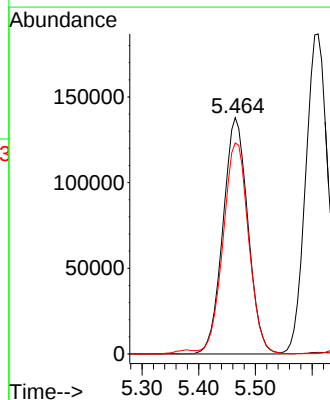
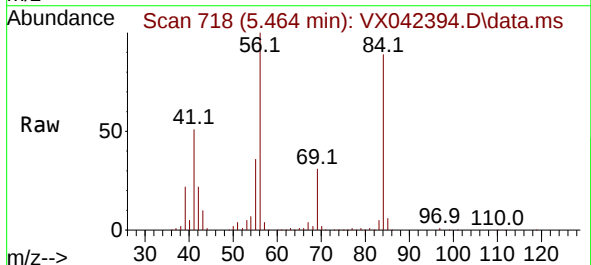
Manual Integrations
APPROVED

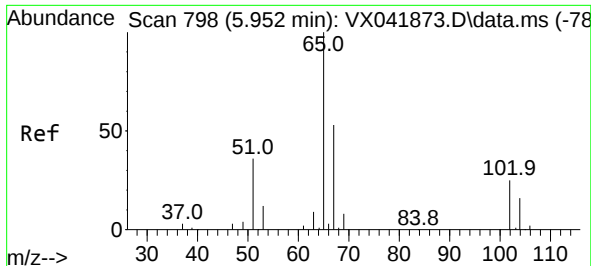
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#26
Cyclohexane
Concen: 150.903 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

Tgt Ion: 56 Resp: 421441
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 91.5 73.1 109.7





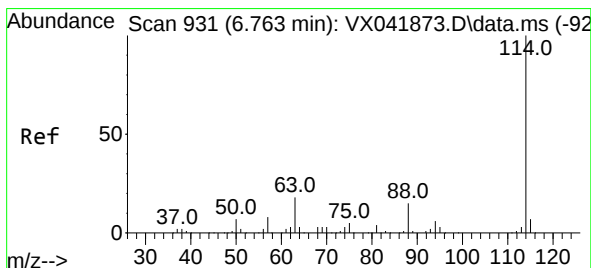
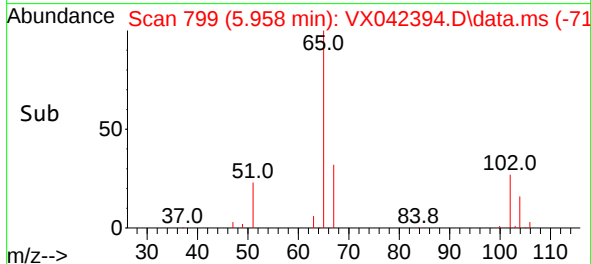
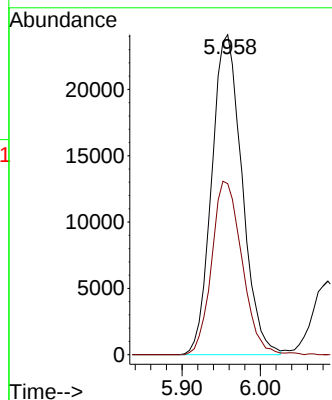
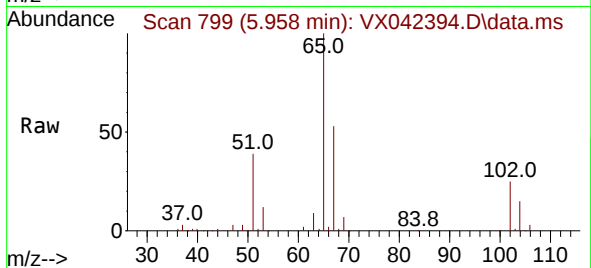
#27
1,2-Dichloroethane-d4
Concen: 31.947 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

Instrument :
MSVOA_X
Client Sample Id :
VSTDICC150

Tgt Ion: 65 Resp: 64889
Ion Ratio Lower Upper
65 100
67 54.0 43.4 65.0

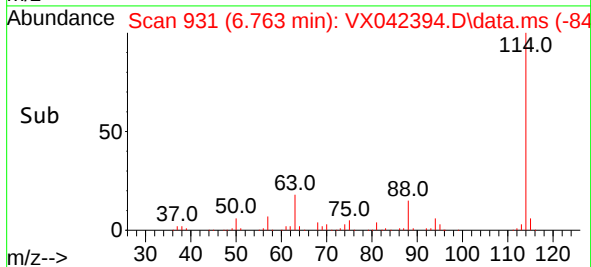
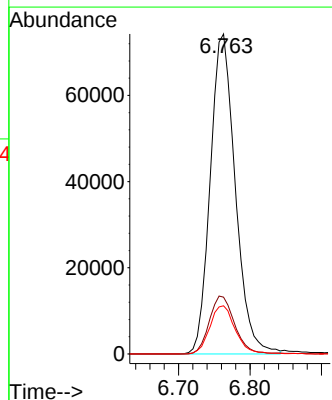
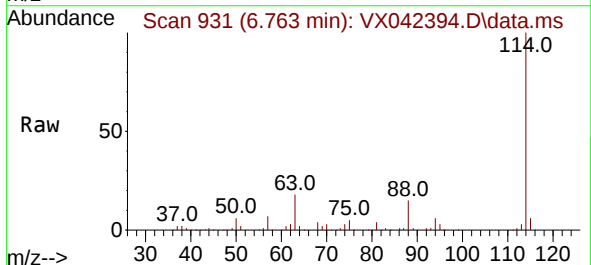
Manual Integrations
APPROVED

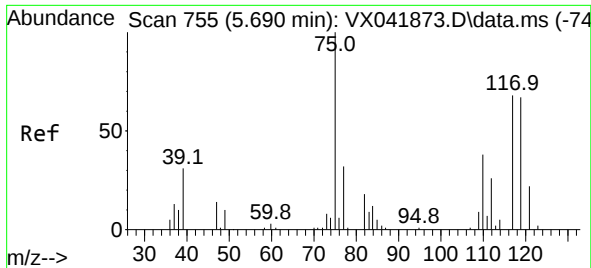
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

Tgt Ion:114 Resp: 180606
Ion Ratio Lower Upper
114 100
63 18.2 14.6 21.8
88 15.3 11.8 17.8





#29
1,1-Dichloropropene
Concen: 147.905 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

Instrument :

MSVOA_X

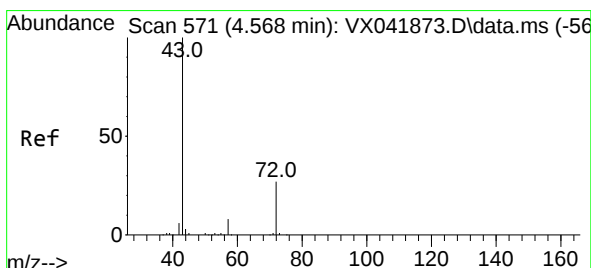
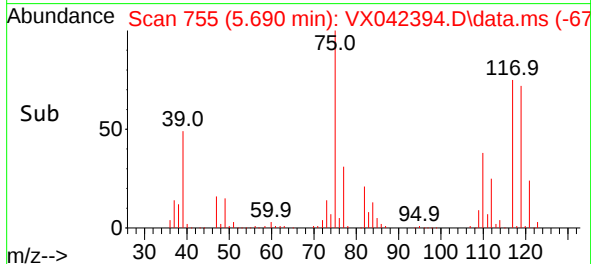
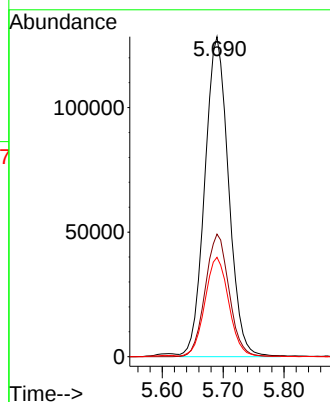
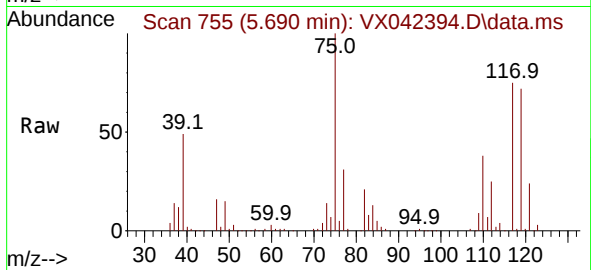
ClientSampleId :

VSTDIC150

Tgt Ion: 75 Resp: 34864
Ion Ratio Lower Upper
75 100
110 38.4 0.0 80.2
77 31.3 0.0 65.2

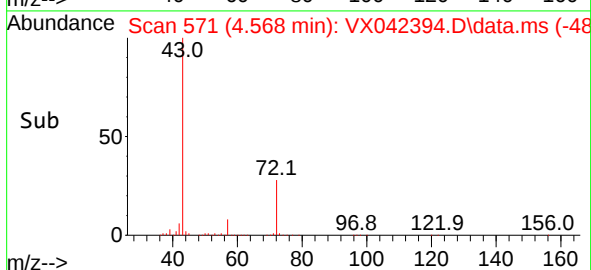
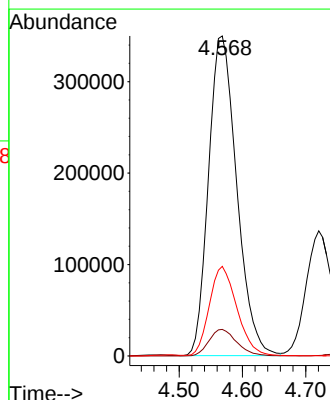
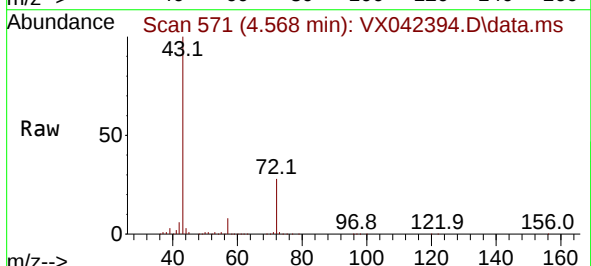
Manual Integrations
APPROVED

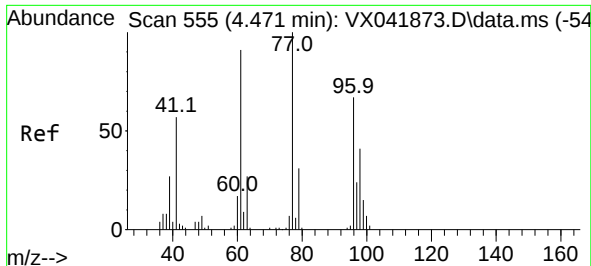
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#30
2-Butanone
Concen: 686.543 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

Tgt Ion: 43 Resp: 1081325
Ion Ratio Lower Upper
43 100
57 8.2 6.5 9.7
72 27.4 22.0 33.0





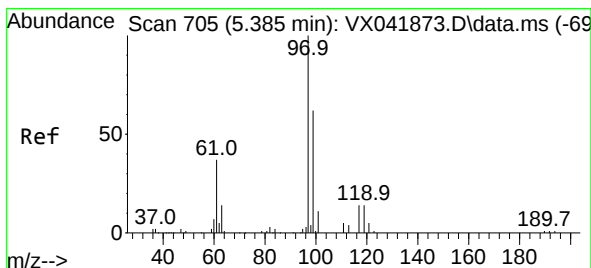
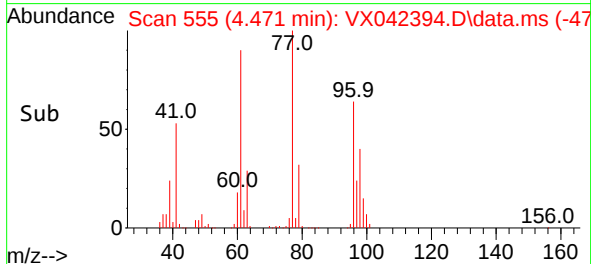
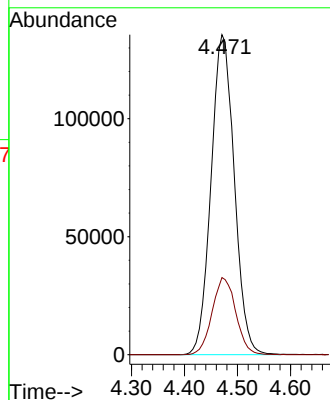
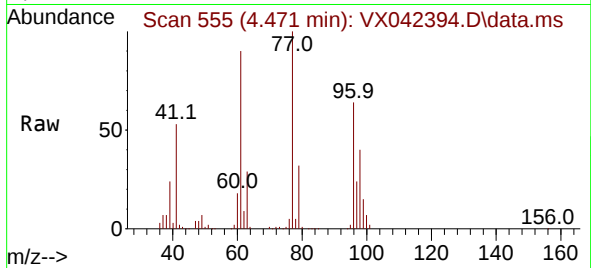
#31
2,2-Dichloropropane
Concen: 160.037 ug/l
RT: 4.471 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 77 Resp: 41335
Ion Ratio Lower Upper
77 100
97 24.5 20.2 30.2

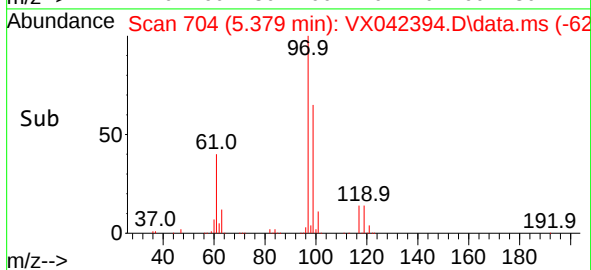
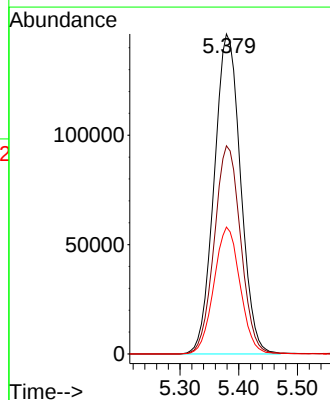
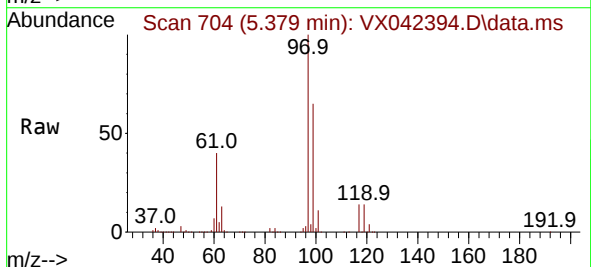
Manual Integrations
APPROVED

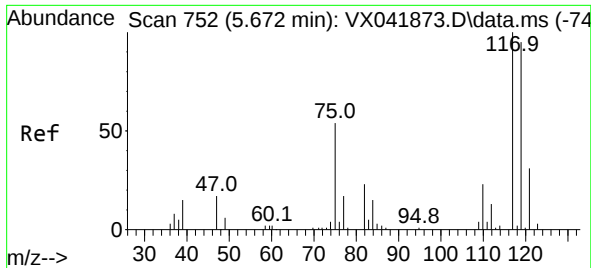
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#32
1,1,1-Trichloroethane
Concen: 153.044 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

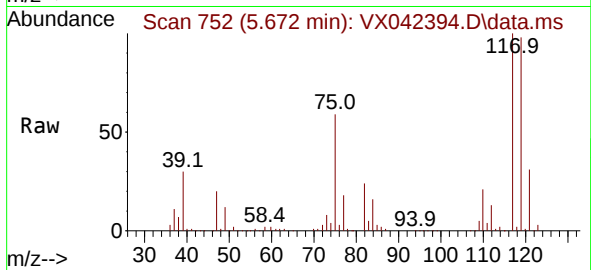
Tgt Ion: 97 Resp: 457298
Ion Ratio Lower Upper
97 100
99 64.9 52.0 78.0
61 39.4 31.7 47.5





#33
Carbon Tetrachloride
Concen: 157.522 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

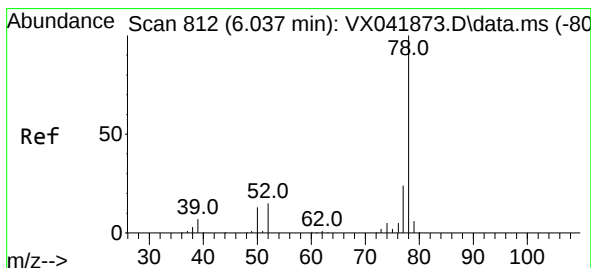
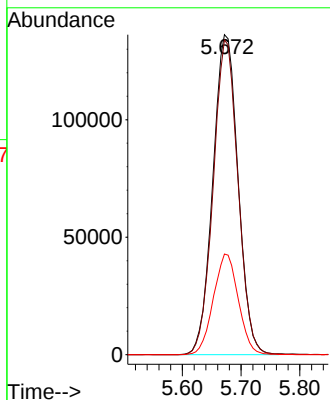
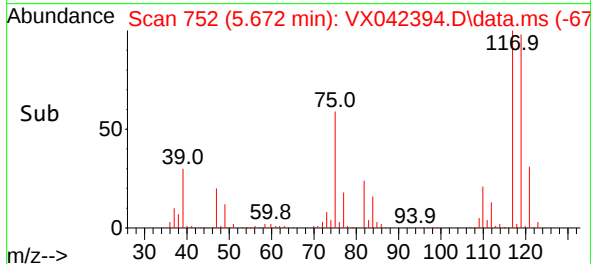
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 405944
Ion Ratio Lower Upper
117 100
119 98.4 75.7 113.5
121 31.5 24.9 37.3

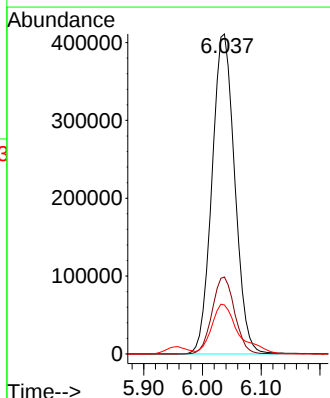
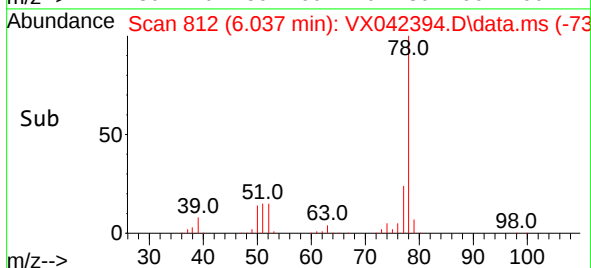
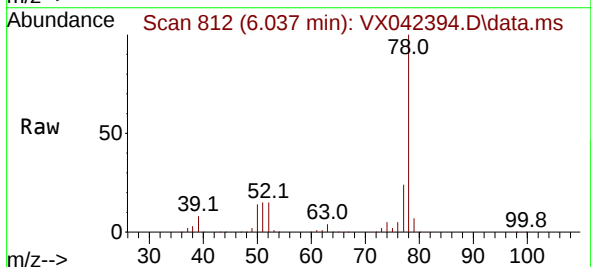
Manual Integrations
APPROVED

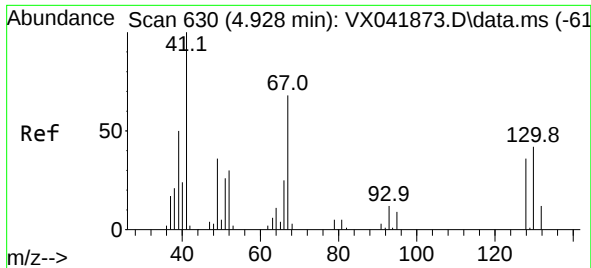
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#34
Benzene
Concen: 140.703 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

Tgt Ion: 78 Resp: 1104866
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3
51 15.0 11.8 17.8





#35
Methacrylonitrile
Concen: 143.787 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

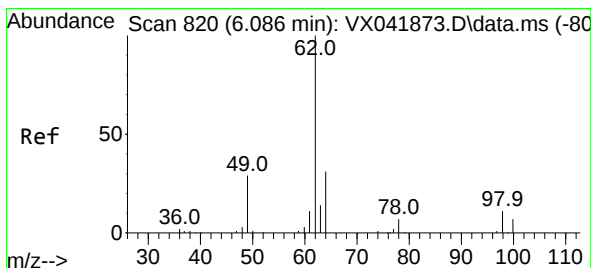
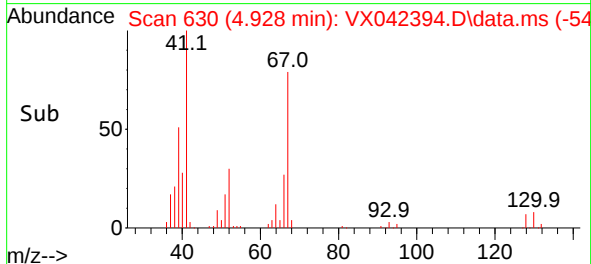
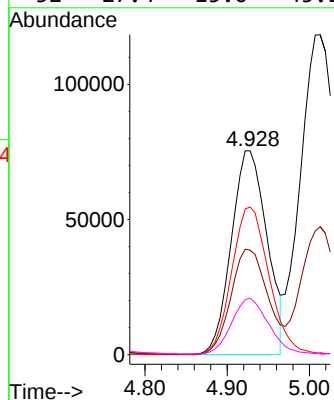
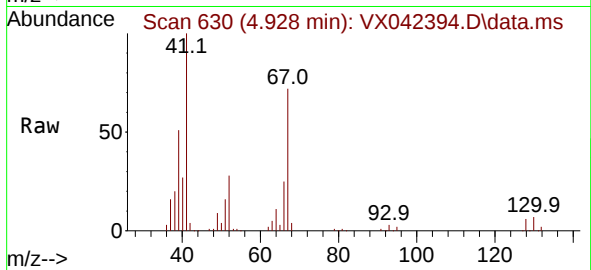
Tgt Ion: 41 Resp: 227472
Ion Ratio Lower Upper
41 100
39 51.1 25.2 75.6
67 72.6 34.2 102.5
52 27.4 15.0 45.1

Manual Integrations

APPROVED

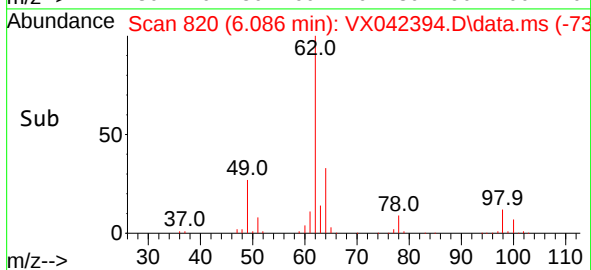
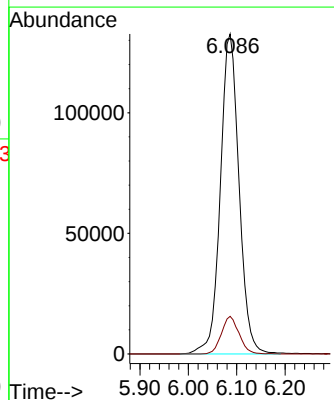
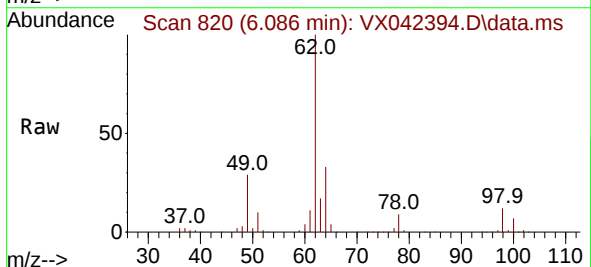
Reviewed By :John Carlone 07/19/2024

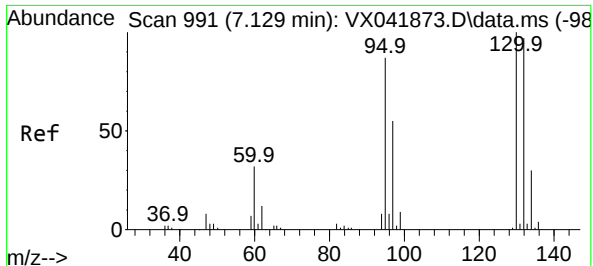
Supervised By :Mahesh Dadoda 07/22/2024



#36
1,2-Dichloroethane
Concen: 145.606 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

Tgt Ion: 62 Resp: 356190
Ion Ratio Lower Upper
62 100
98 11.1 9.1 13.7





#37

Trichloroethene

Concen: 144.031 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX042394.D

Acq: 19 Jul 2024 10:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:130 Resp: 30892

Ion Ratio Lower Upper

130 100

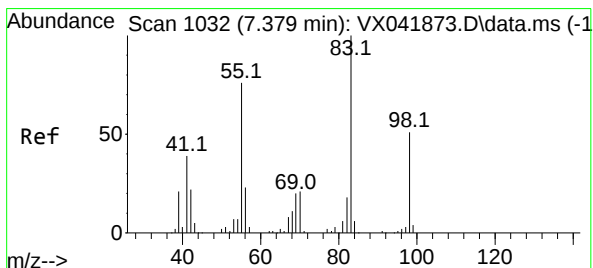
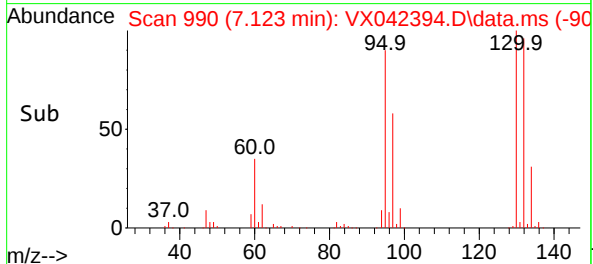
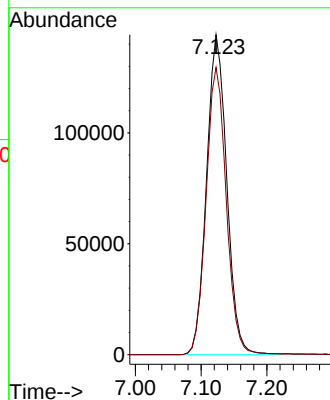
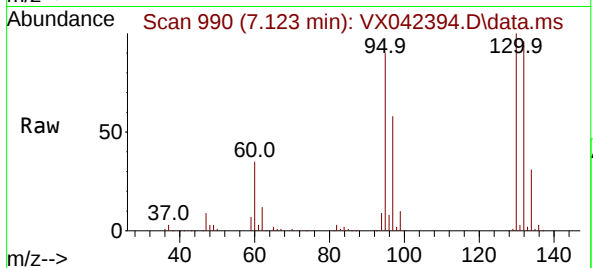
95 89.7 69.4 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#38

Methylcyclohexane

Concen: 145.329 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX042394.D

Acq: 19 Jul 2024 10:56

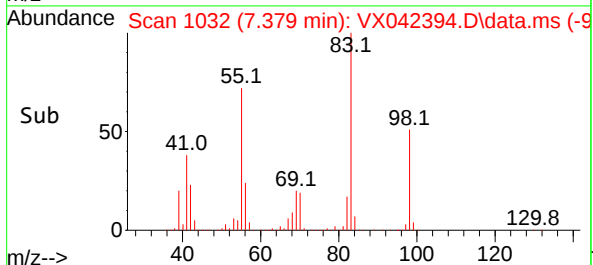
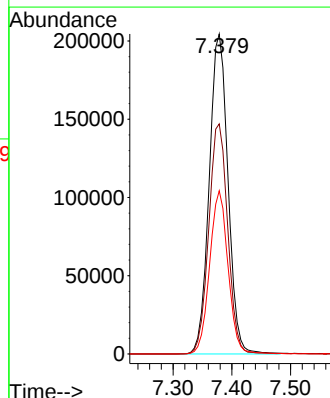
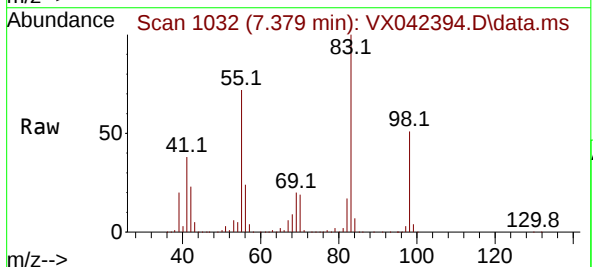
Tgt Ion: 83 Resp: 453754

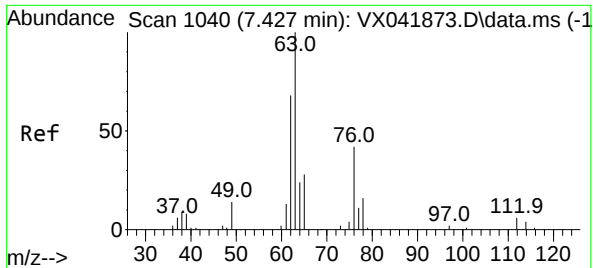
Ion Ratio Lower Upper

83 100

55 72.6 37.3 111.9

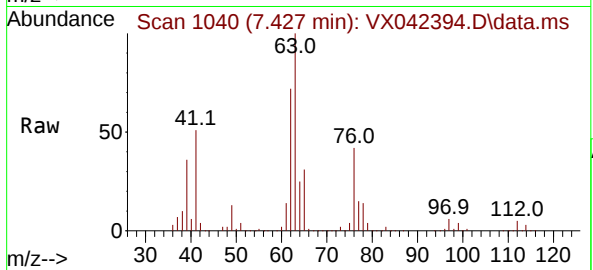
98 50.0 24.8 74.4





#39
1,2-Dichloropropane
Concen: 147.497 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

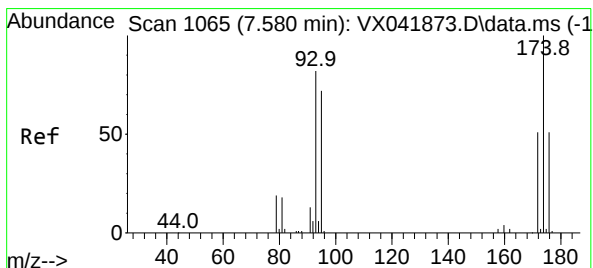
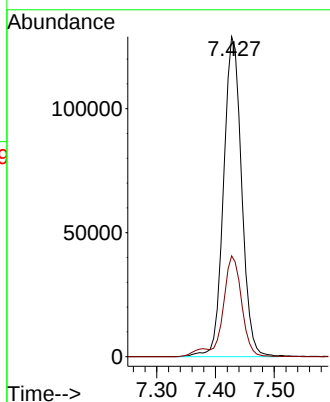
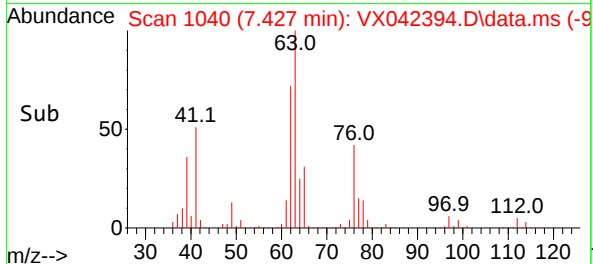
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



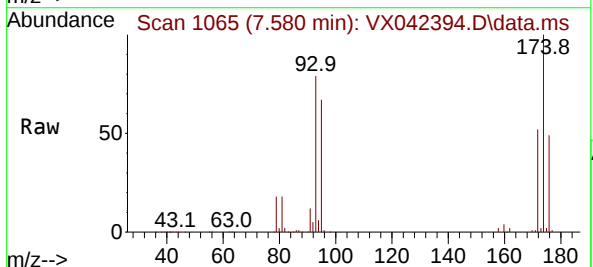
Tgt Ion: 63 Resp: 275892
Ion Ratio Lower Upper
63 100
65 31.4 24.0 36.0

Manual Integrations
APPROVED

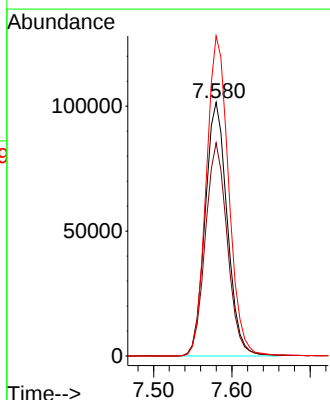
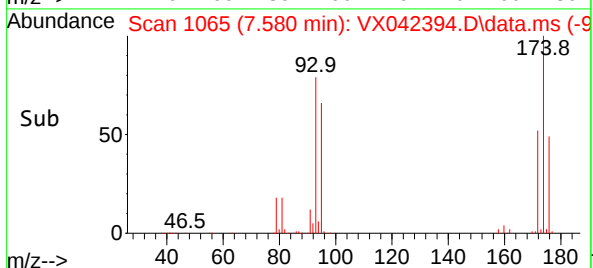
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

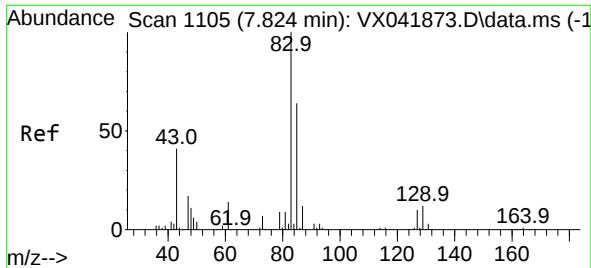


#40
Dibromomethane
Concen: 143.947 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56



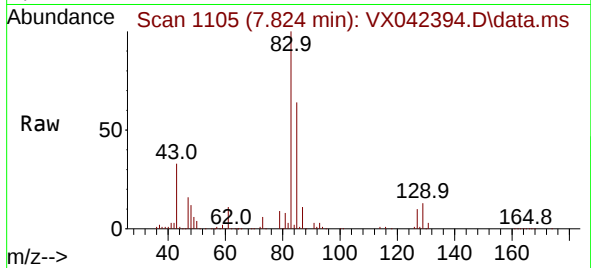
Tgt Ion: 93 Resp: 199179
Ion Ratio Lower Upper
93 100
95 83.5 0.0 168.6
174 127.5 0.0 255.0





#41
Bromodichloromethane
Concen: 157.228 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

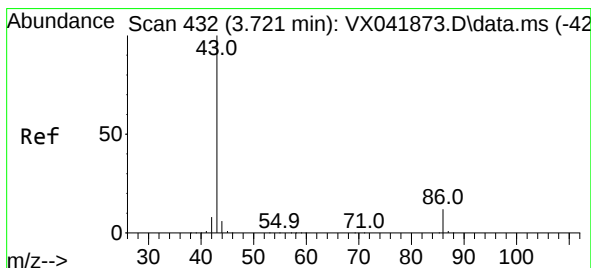
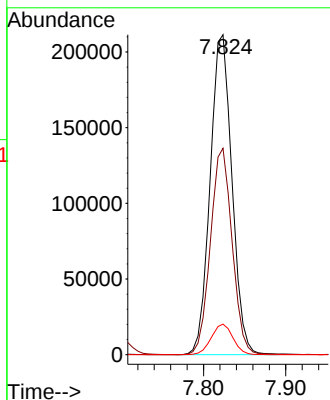
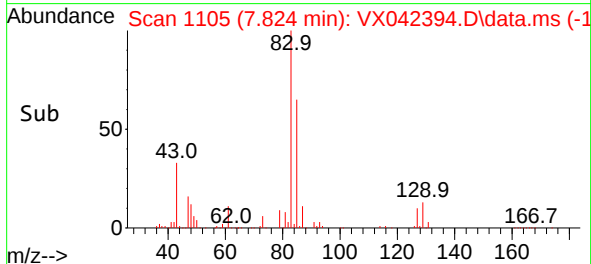
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



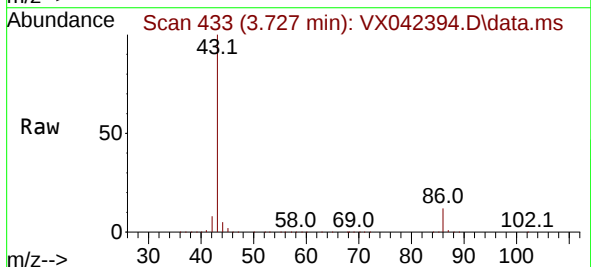
Tgt Ion: 83 Resp: 38975
Ion Ratio Lower Upper
83 100
85 64.5 51.1 76.7
127 9.6 8.1 12.1

Manual Integrations
APPROVED

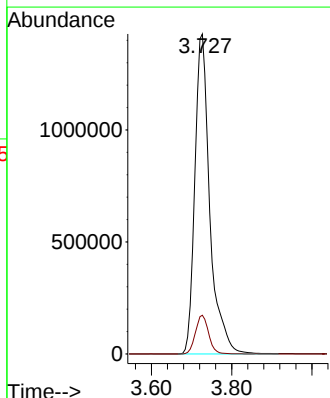
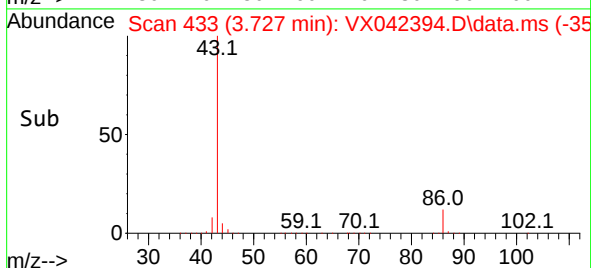
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

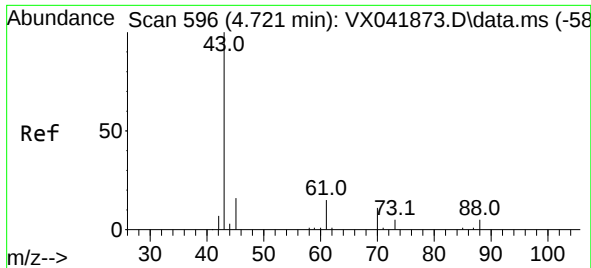


#42
Vinyl Acetate
Concen: 701.811 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.006 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56



Tgt Ion: 43 Resp: 3699939
Ion Ratio Lower Upper
43 100
86 10.7 8.5 12.7





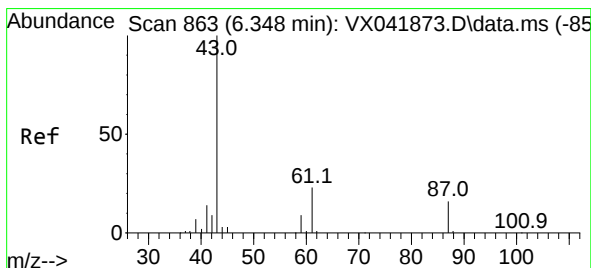
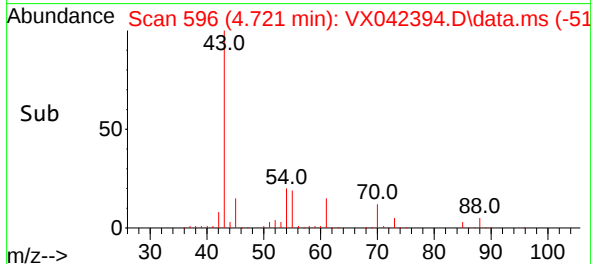
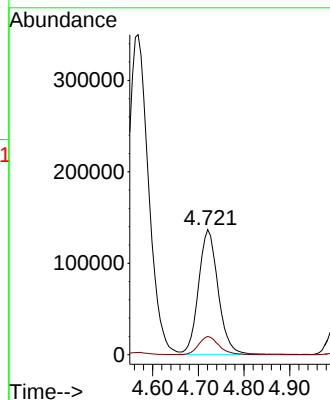
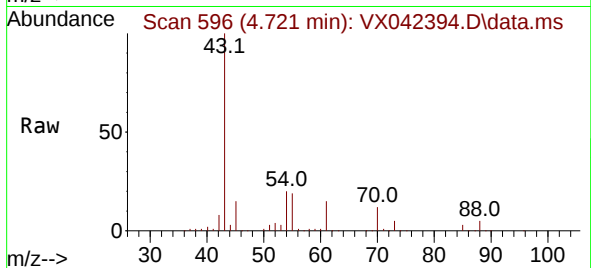
#43
Ethyl Acetate
Concen: 137.105 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 404890
Ion Ratio Lower Upper
43 100
45 14.9 12.4 18.6

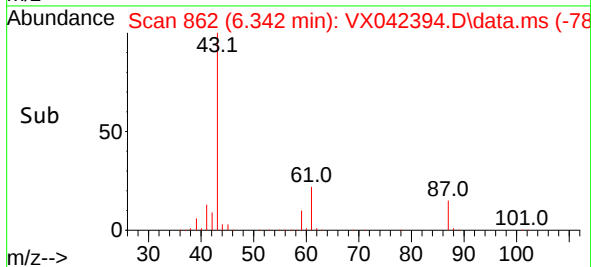
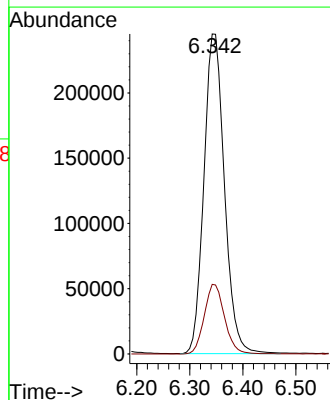
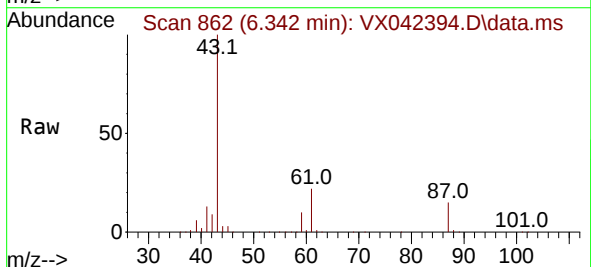
Manual Integrations
APPROVED

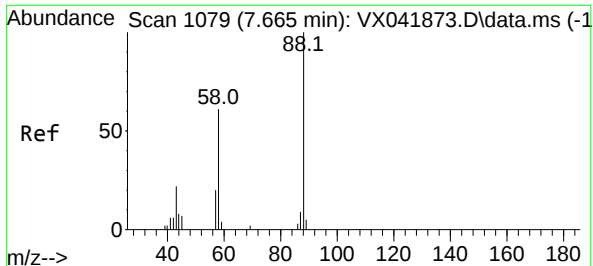
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#44
Isopropyl Acetate
Concen: 148.622 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

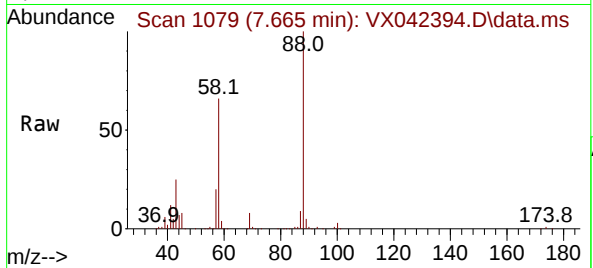
Tgt Ion: 43 Resp: 657395
Ion Ratio Lower Upper
43 100
61 21.5 17.4 26.0





#45
1,4-Dioxane
Concen: 2677.347 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

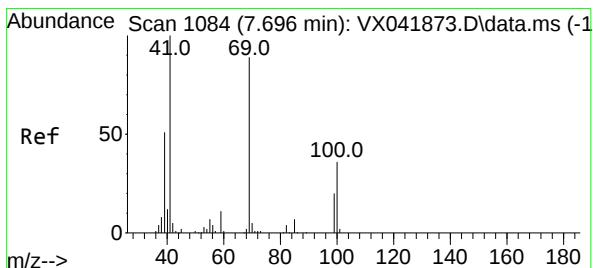
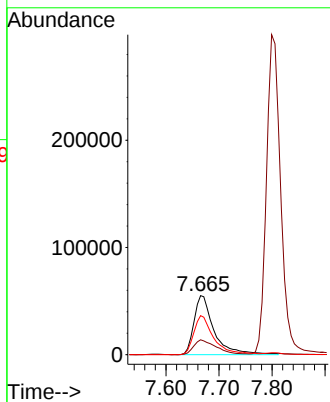
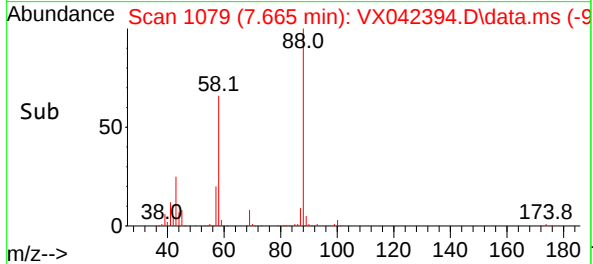
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 88 Resp: 14435
Ion Ratio Lower Upper
88 100
43 28.9 23.2 34.8
58 65.8 52.6 78.8

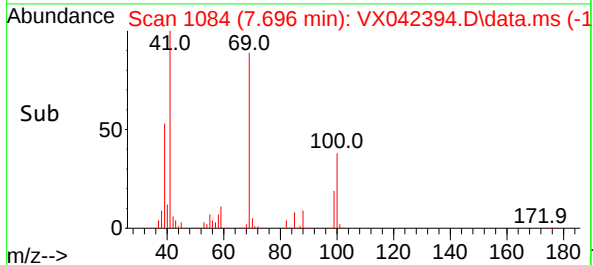
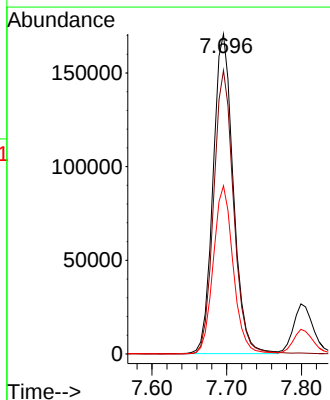
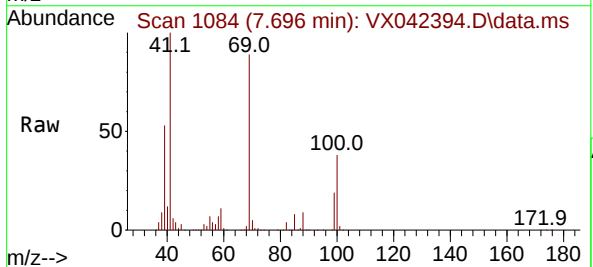
Manual Integrations
APPROVED

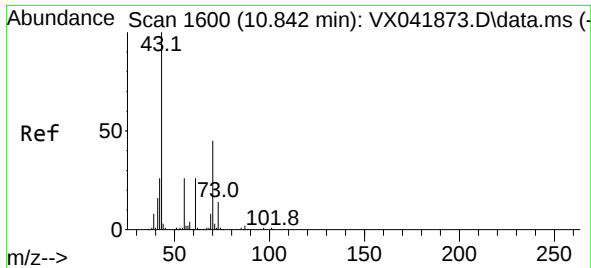
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#46
Methyl methacrylate
Concen: 148.601 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

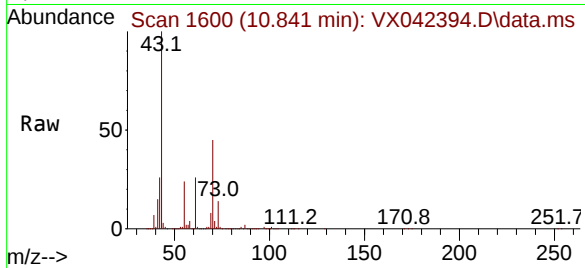
Tgt Ion: 41 Resp: 321376
Ion Ratio Lower Upper
41 100
69 88.7 44.4 133.1
39 52.5 25.5 76.5





#47
n-amyl acetate
Concen: 150.323 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

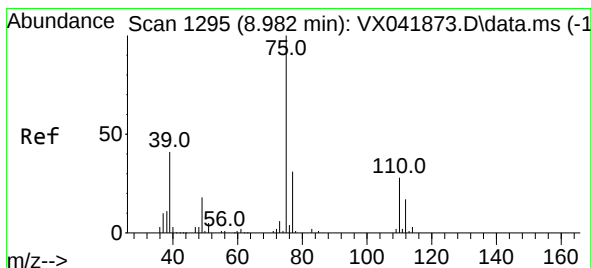
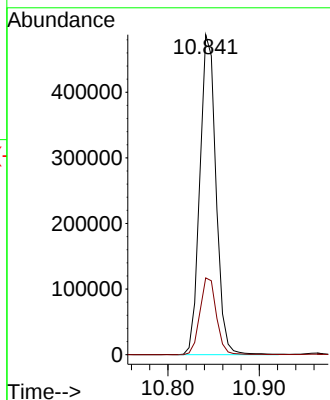
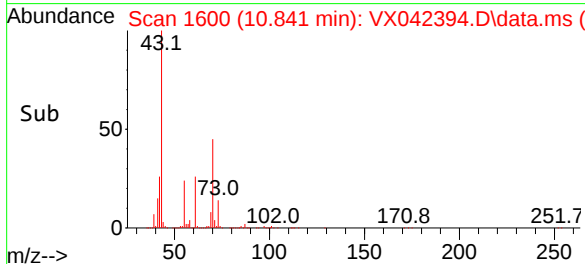
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 596740
Ion Ratio Lower Upper
43 100
55 24.5 21.0 31.4

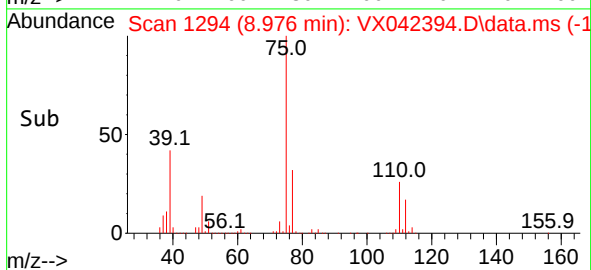
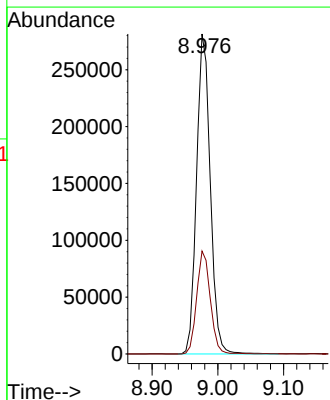
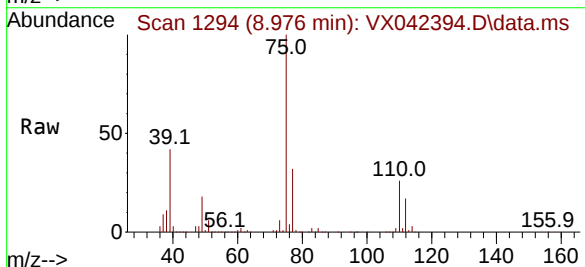
Manual Integrations
APPROVED

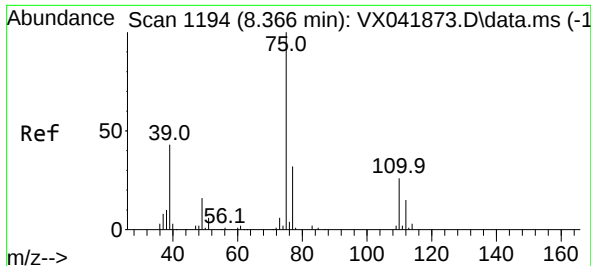
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#48
t-1,3-Dichloropropene
Concen: 160.037 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

Tgt Ion: 75 Resp: 408464
Ion Ratio Lower Upper
75 100
77 32.2 25.1 37.7





#49
 cis-1,3-Dichloropropene
 Concen: 155.424 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX042394.D
 Acq: 19 Jul 2024 10:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

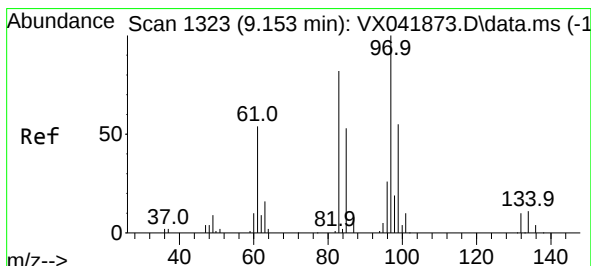
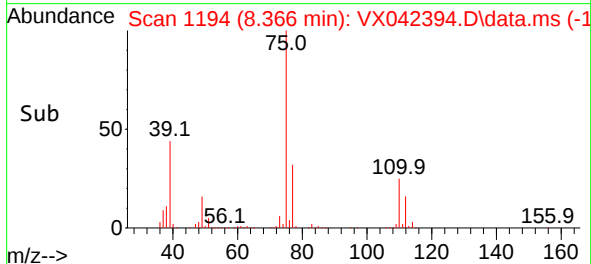
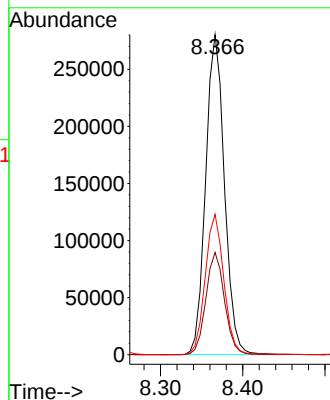
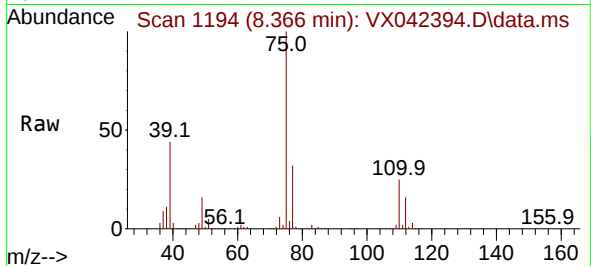
Tgt Ion: 75 Resp: 444975
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.8 38.8
 39 43.8 34.8 52.2

Manual Integrations

APPROVED

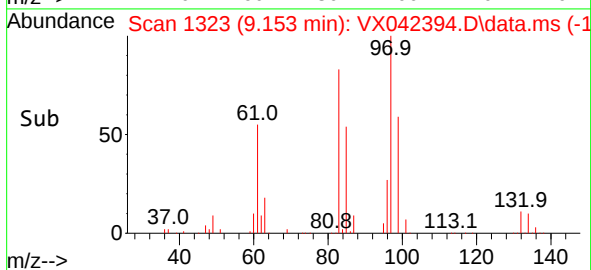
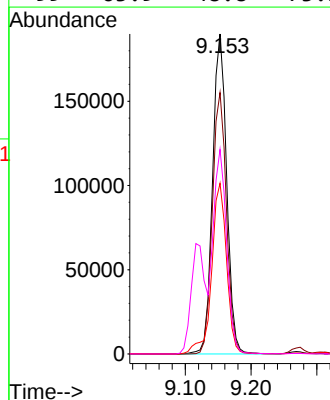
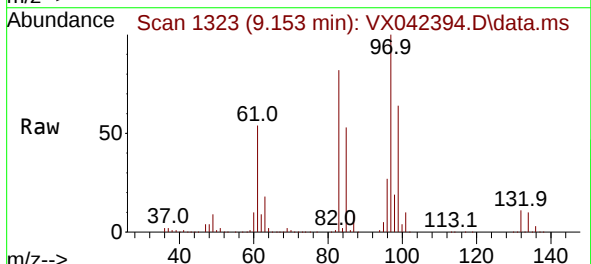
Reviewed By :John Carlone 07/19/2024

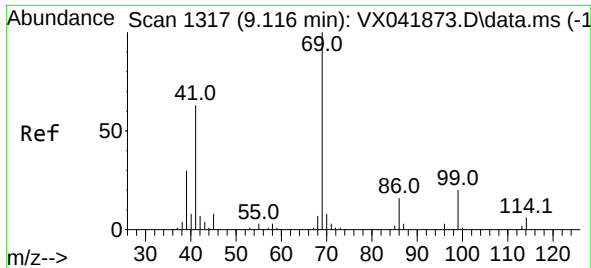
Supervised By :Mahesh Dadoda 07/22/2024



#50
 1,1,2-Trichloroethane
 Concen: 141.031 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. -0.000 min
 Lab File: VX042394.D
 Acq: 19 Jul 2024 10:56

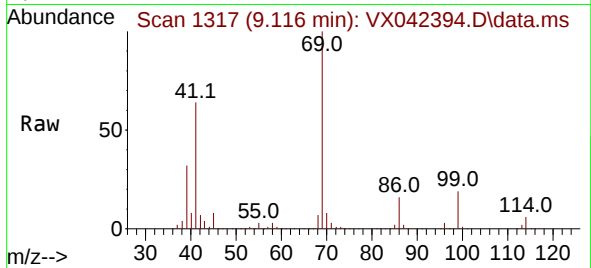
Tgt Ion: 97 Resp: 283750
 Ion Ratio Lower Upper
 97 100
 83 81.7 65.9 98.9
 85 53.3 42.9 64.3
 99 63.9 48.8 73.2





#51
Ethyl methacrylate
Concen: 149.608 ug/l
RT: 9.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

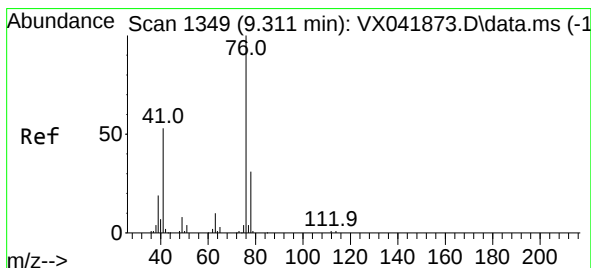
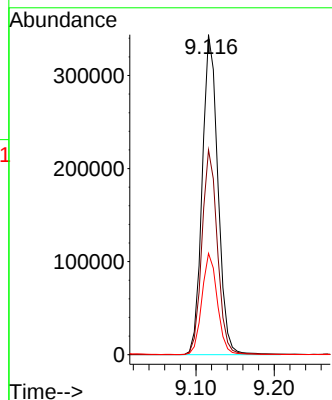
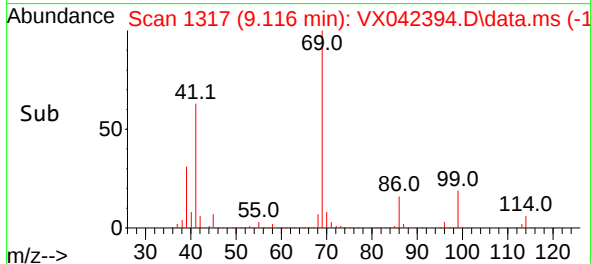
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



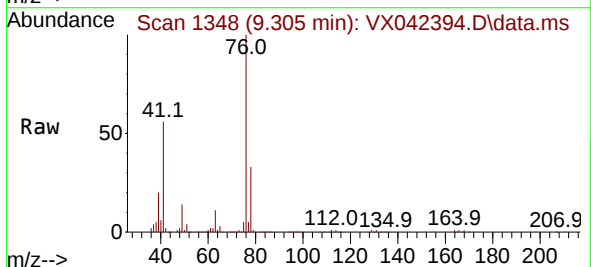
Tgt Ion: 69 Resp: 478174
Ion Ratio Lower Upper
69 100
41 64.0 31.6 94.7
39 31.6 15.3 45.8

Manual Integrations
APPROVED

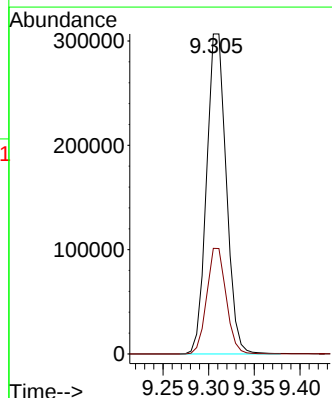
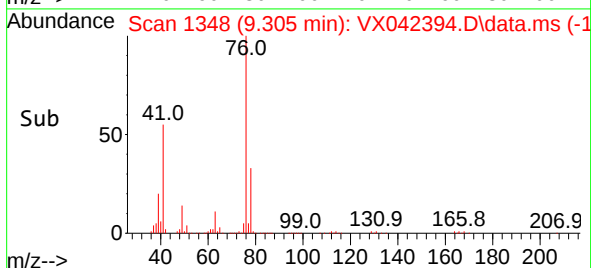
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

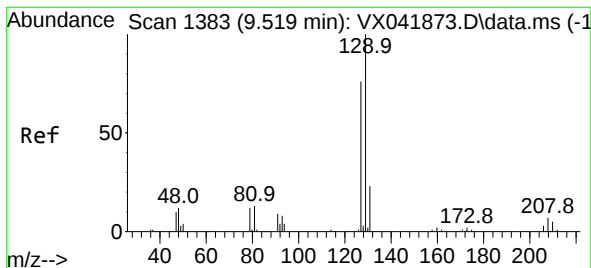


#52
1,3-Dichloropropane
Concen: 139.415 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56



Tgt Ion: 76 Resp: 458570
Ion Ratio Lower Upper
76 100
78 32.6 0.0 66.0





#53

Dibromochloromethane

Concen: 155.582 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX042394.D

Acq: 19 Jul 2024 10:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:129 Resp: 342558

Ion Ratio Lower Upper

129 100

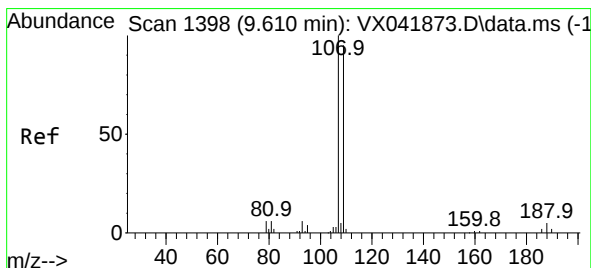
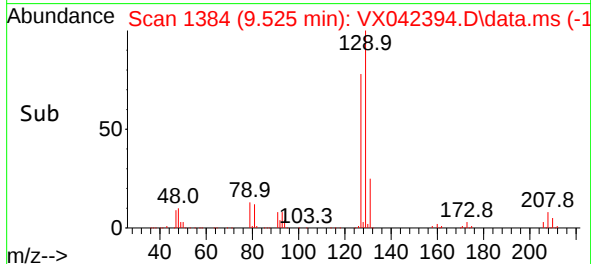
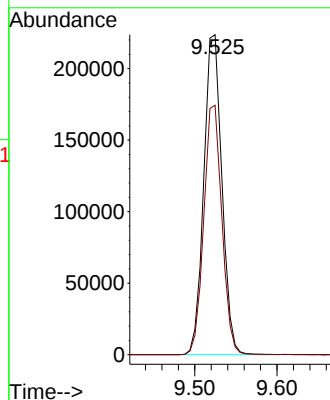
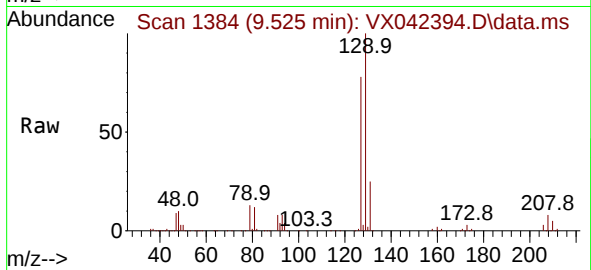
127 77.9 38.8 116.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#54

1,2-Dibromoethane

Concen: 139.141 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX042394.D

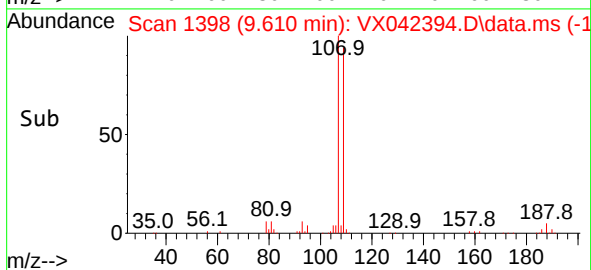
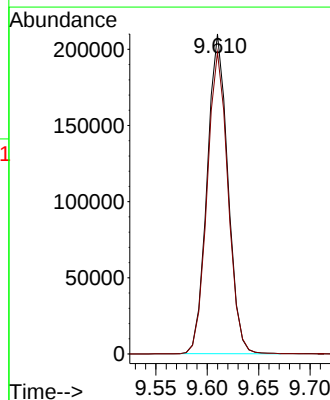
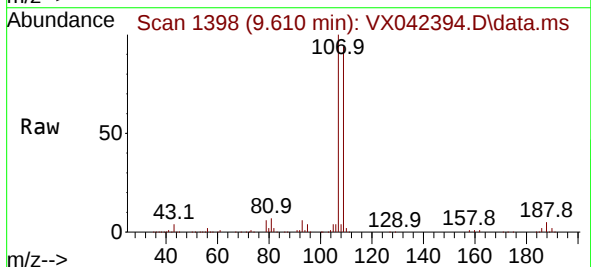
Acq: 19 Jul 2024 10:56

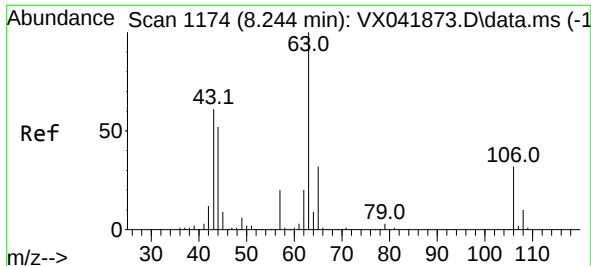
Tgt Ion:107 Resp: 295216

Ion Ratio Lower Upper

107 100

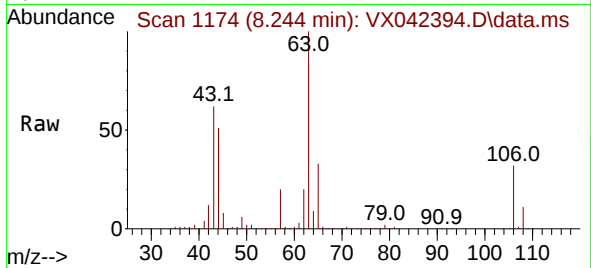
109 94.7 75.7 113.5





#55
2-Chloroethyl vinyl ether
Concen: 733.401 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

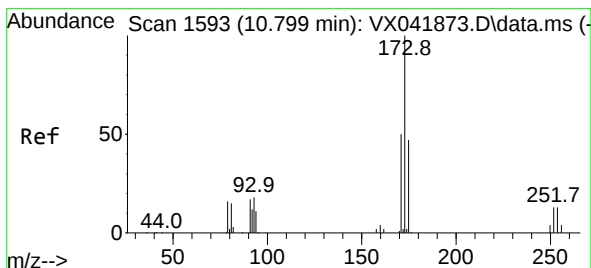
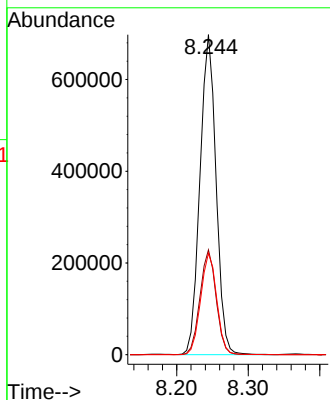
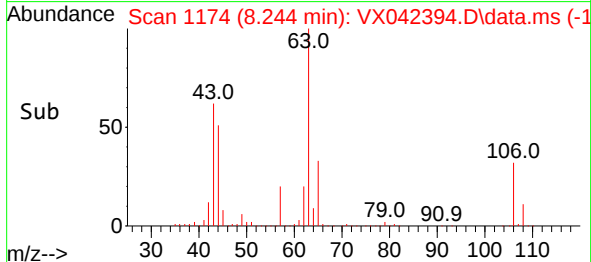
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 63 Resp: 1091072
Ion Ratio Lower Upper
63 100
65 32.7 25.7 38.5
106 31.6 25.3 37.9

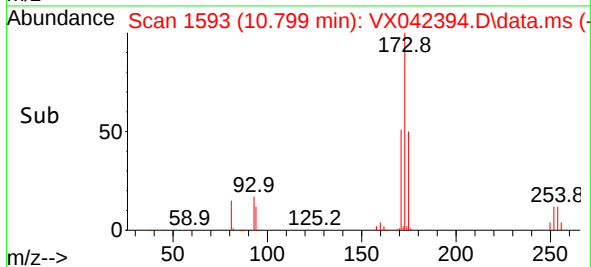
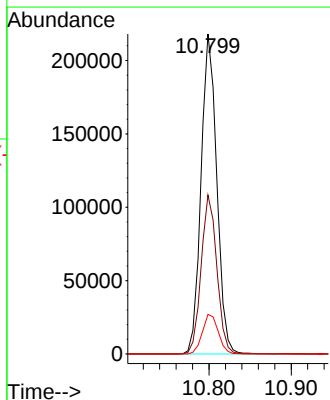
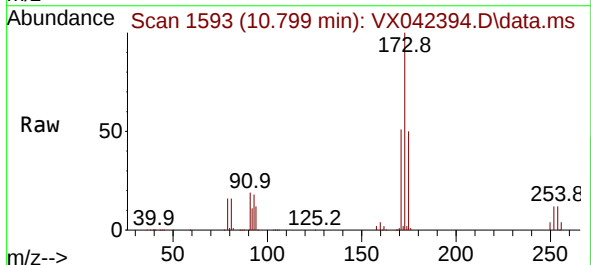
Manual Integrations
APPROVED

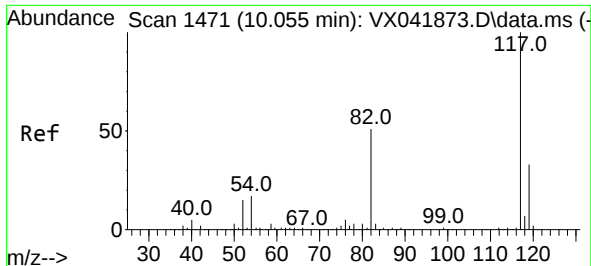
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#56
Bromoform
Concen: 161.066 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

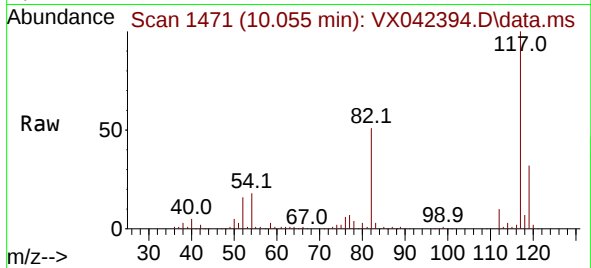
Tgt Ion:173 Resp: 289175
Ion Ratio Lower Upper
173 100
175 49.6 39.3 58.9
254 12.6 9.6 14.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

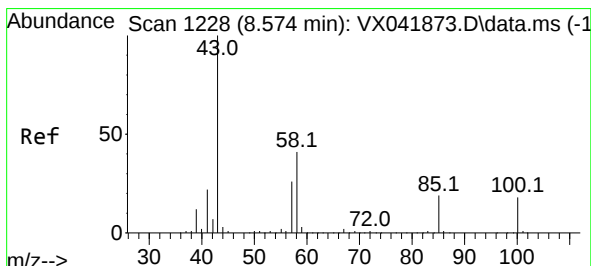
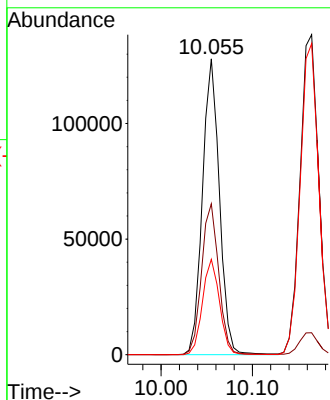
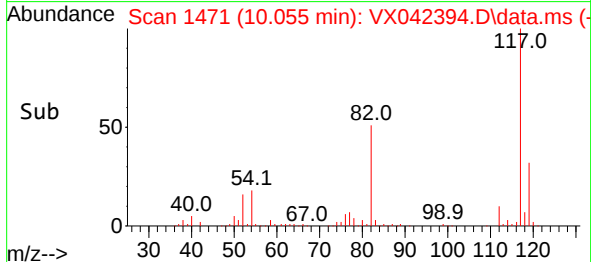
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 16484
Ion Ratio Lower Upper
117 100
82 51.9 41.1 61.7
119 32.5 26.1 39.1

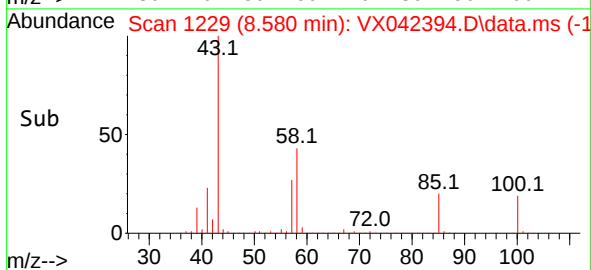
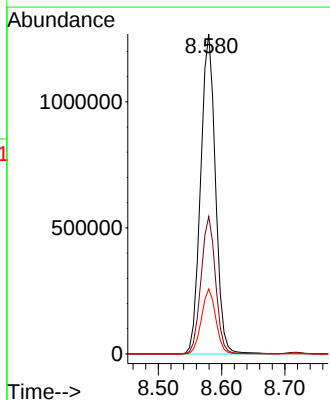
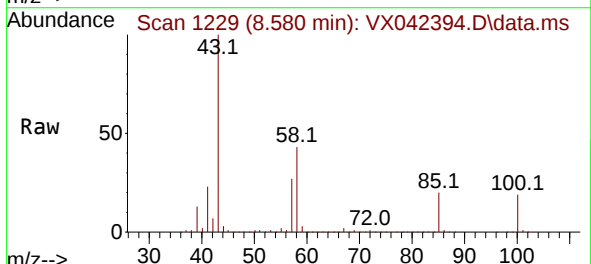
Manual Integrations
APPROVED

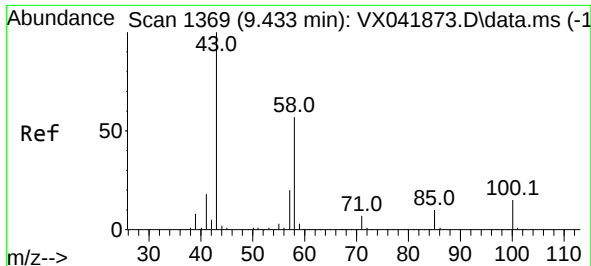
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#58
4-Methyl-2-Pentanone
Concen: 701.099 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

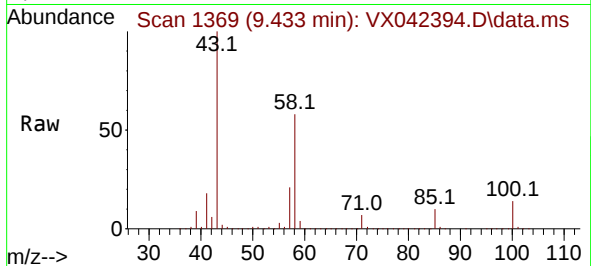
Tgt Ion: 43 Resp: 2070916
Ion Ratio Lower Upper
43 100
58 42.1 33.2 49.8
85 19.8 15.5 23.3





#59
2-Hexanone
Concen: 704.751 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

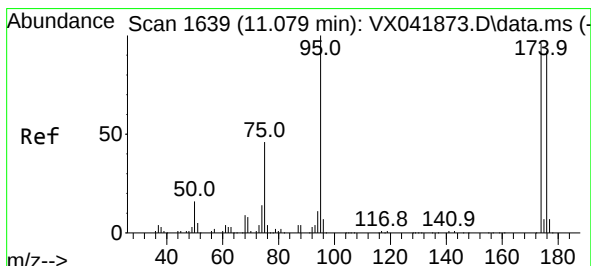
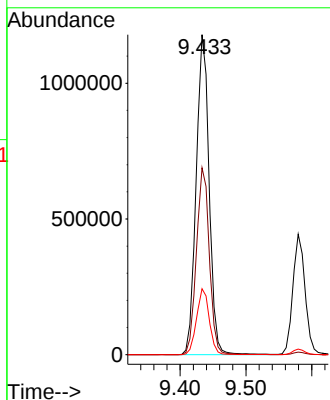
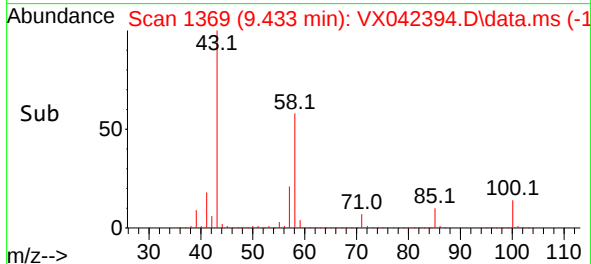
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



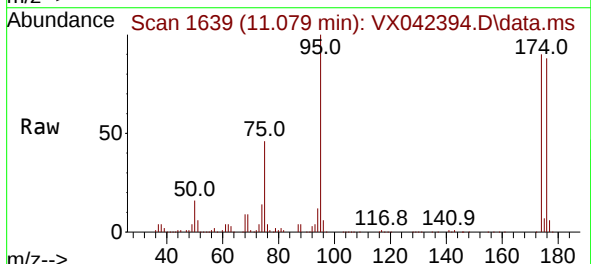
Tgt Ion: 43 Resp: 1606739
Ion Ratio Lower Upper
43 100
58 58.3 46.0 69.0
57 20.3 15.8 23.6

Manual Integrations
APPROVED

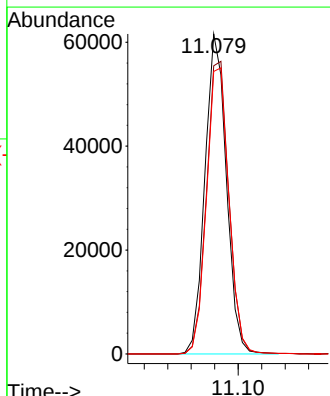
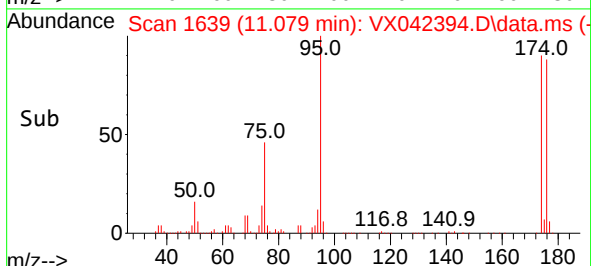
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

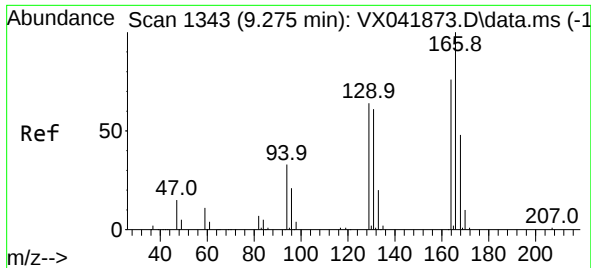


#60
4-Bromofluorobenzene
Concen: 30.599 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56



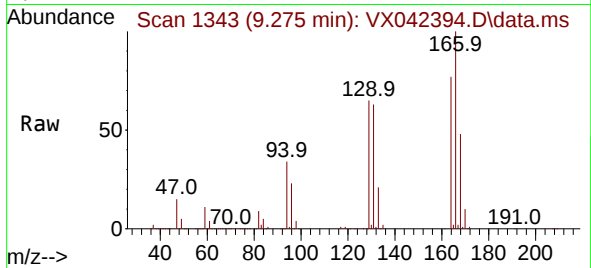
Tgt Ion: 95 Resp: 78078
Ion Ratio Lower Upper
95 100
174 95.5 78.9 118.3
176 93.7 77.1 115.7





#61
Tetrachloroethene
Concen: 137.282 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

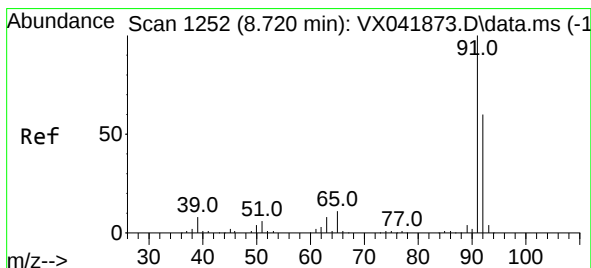
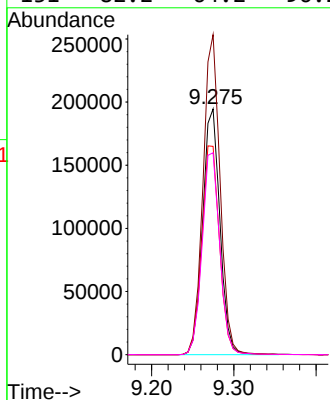
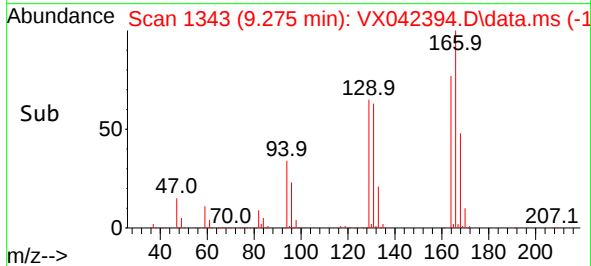
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:164 Resp: 28475
Ion Ratio Lower Upper
164 100
166 130.2 105.0 157.6
129 84.8 67.1 100.7
131 82.2 64.2 96.2

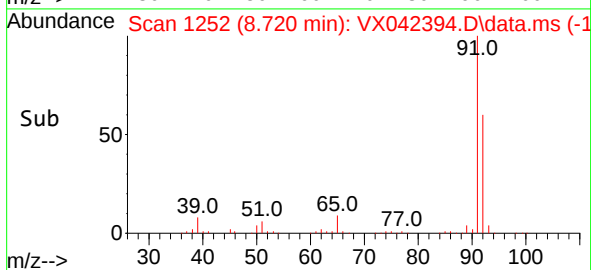
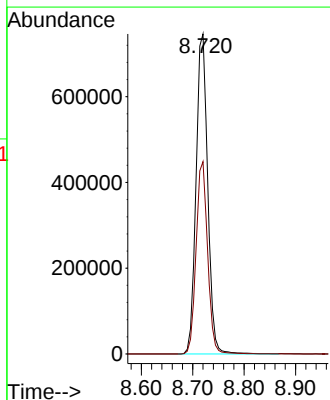
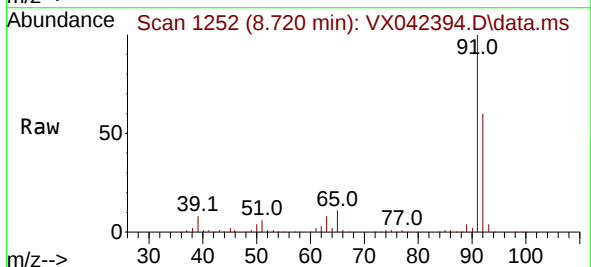
Manual Integrations
APPROVED

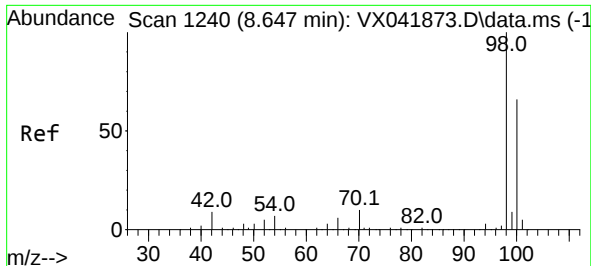
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#62
Toluene
Concen: 141.048 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

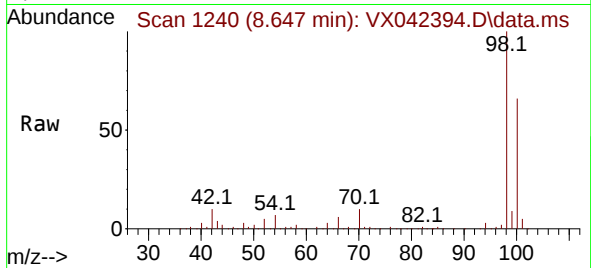
Tgt Ion: 91 Resp: 1176556
Ion Ratio Lower Upper
91 100
92 59.4 47.4 71.2





#63
Toluene-d8
Concen: 30.275 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

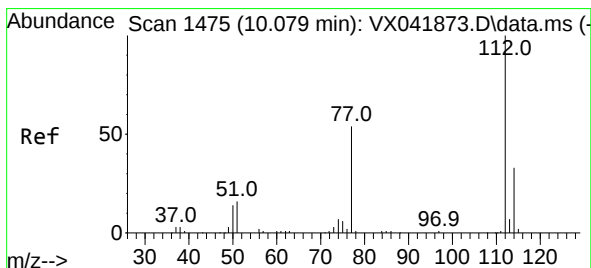
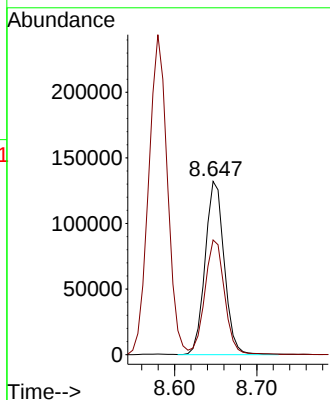
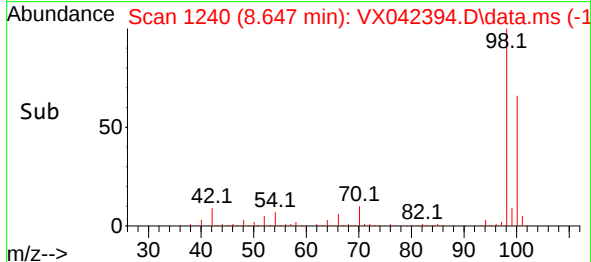
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



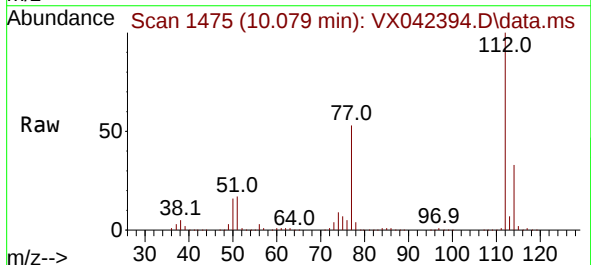
Tgt Ion: 98 Resp: 21351
Ion Ratio Lower Upper
98 100
100 67.8 52.7 79.1

Manual Integrations
APPROVED

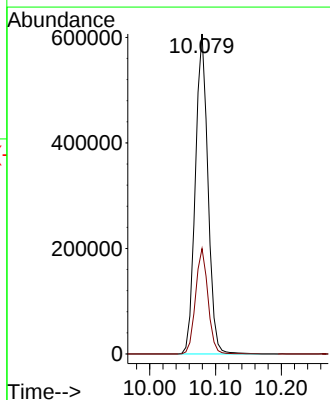
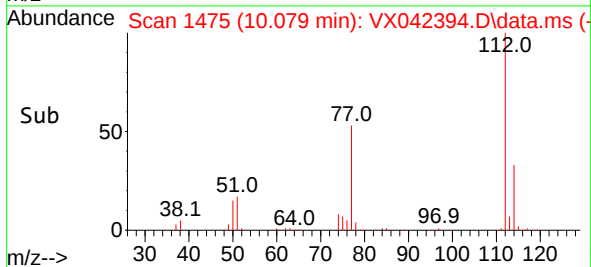
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

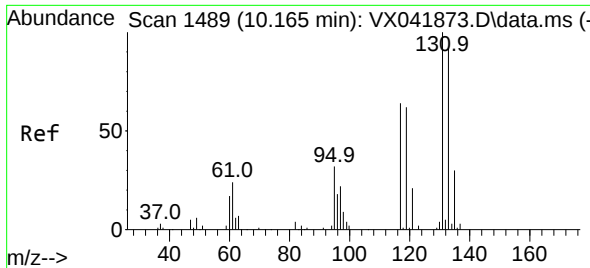


#64
Chlorobenzene
Concen: 141.331 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56



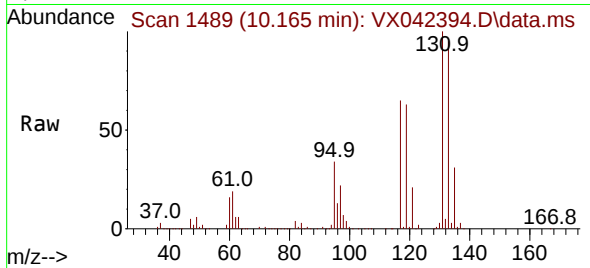
Tgt Ion:112 Resp: 802799
Ion Ratio Lower Upper
112 100
114 32.9 26.2 39.4





#65
1,1,1,2-Tetrachloroethane
Concen: 152.897 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

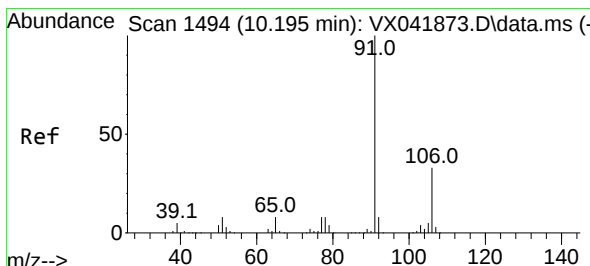
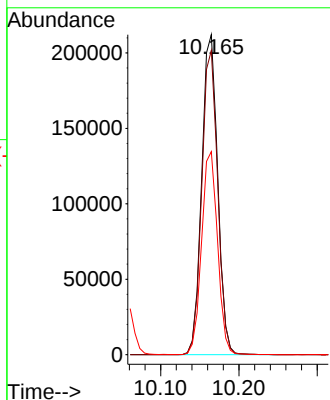
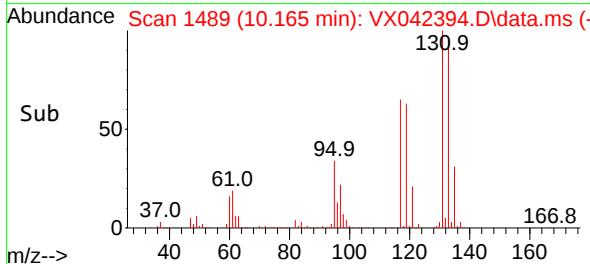
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



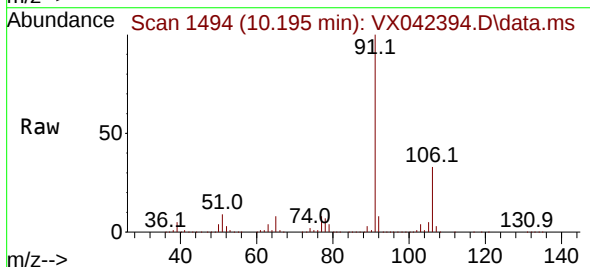
Tgt Ion:131 Resp: 29994
Ion Ratio Lower Upper
131 100
133 94.8 0.0 194.8
119 63.4 0.0 127.6

Manual Integrations
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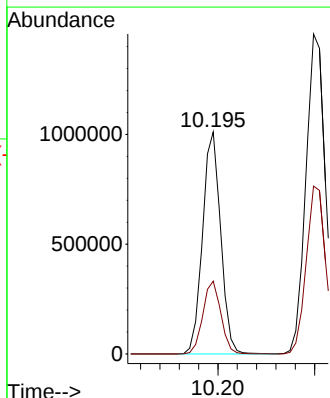
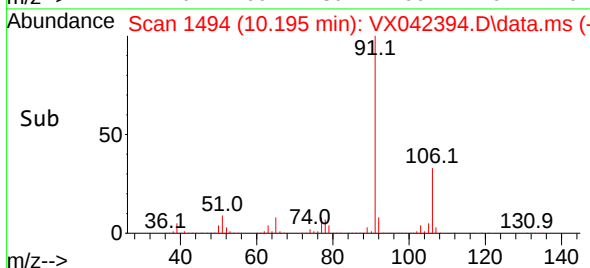
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

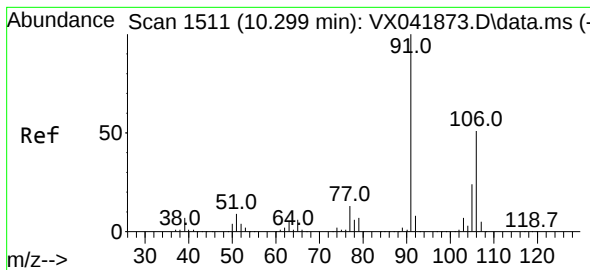


#66
Ethyl Benzene
Concen: 144.630 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56



Tgt Ion: 91 Resp: 1318973
Ion Ratio Lower Upper
91 100
106 32.8 26.4 39.6





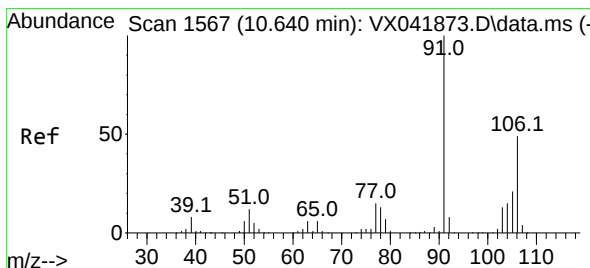
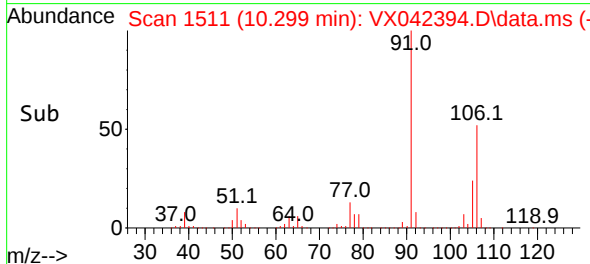
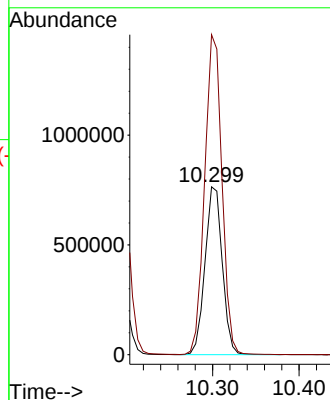
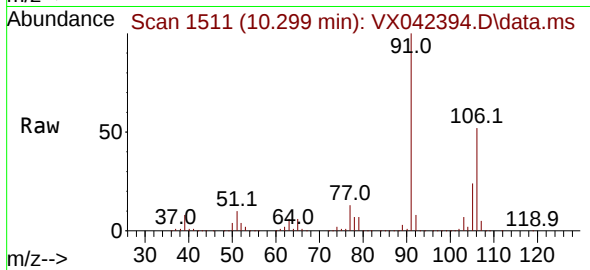
#67
m/p-Xylenes
Concen: 288.057 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 1056660
Ion Ratio Lower Upper
106 100
91 191.2 157.0 235.6

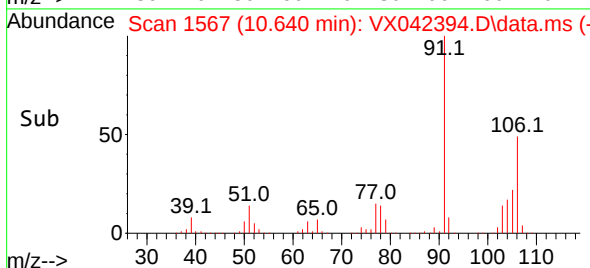
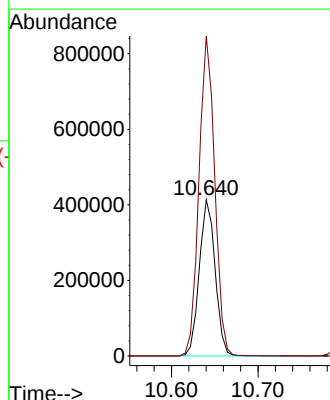
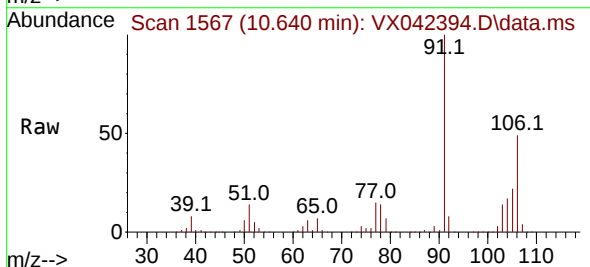
Manual Integrations
APPROVED

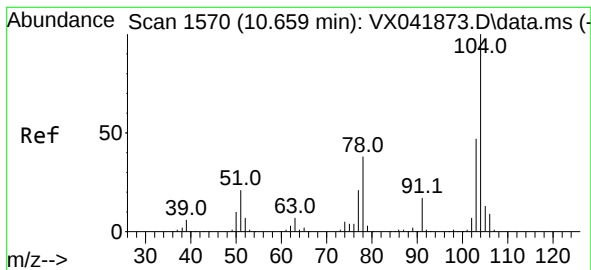
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#68
o-Xylene
Concen: 143.590 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

Tgt Ion:106 Resp: 525138
Ion Ratio Lower Upper
106 100
91 203.5 103.2 309.6





#69

Styrene

Concen: 147.371 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VX042394.D

Acq: 19 Jul 2024 10:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

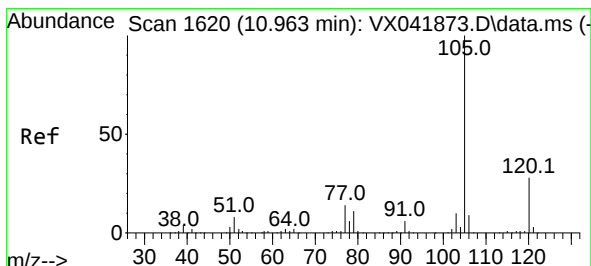
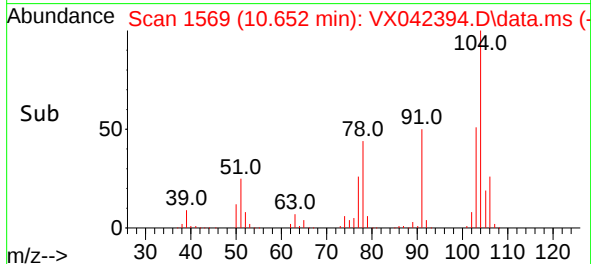
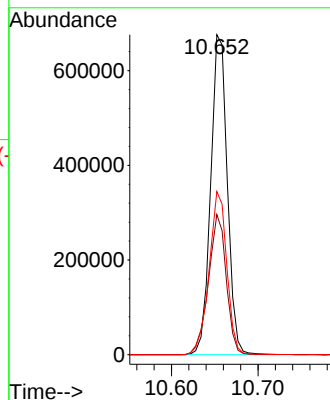
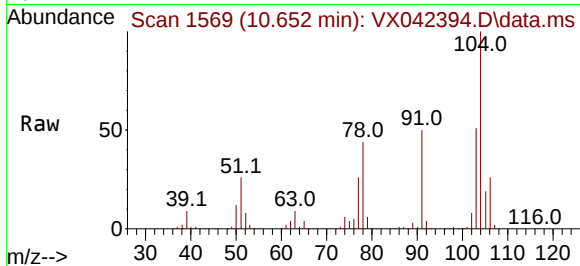
Tgt Ion:104 Resp: 90065
 Ion Ratio Lower Upper
 104 100
 78 47.0 36.5 54.7
 103 54.3 43.4 65.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#70

Isopropylbenzene

Concen: 145.702 ug/l

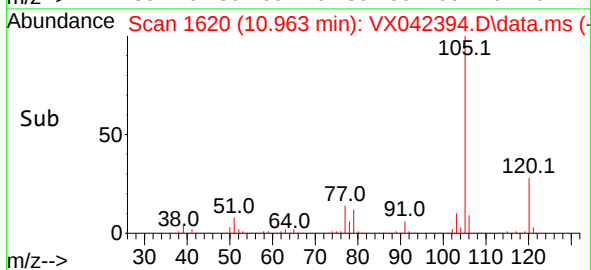
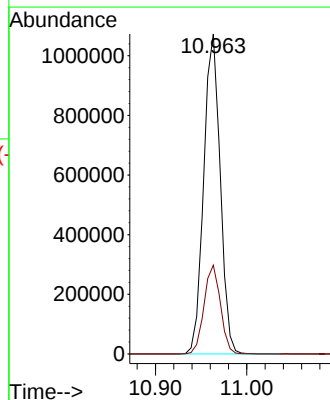
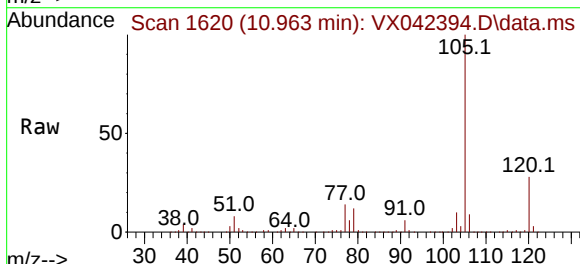
RT: 10.963 min Scan# 1620

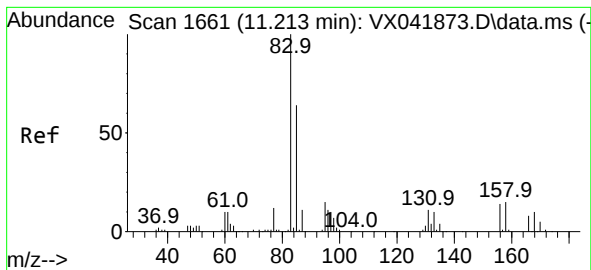
Delta R.T. -0.000 min

Lab File: VX042394.D

Acq: 19 Jul 2024 10:56

Tgt Ion:105 Resp: 1339808
 Ion Ratio Lower Upper
 105 100
 120 27.6 19.2 35.6





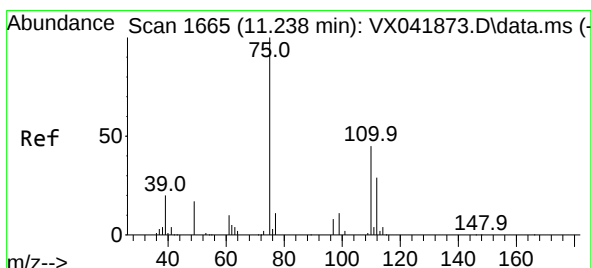
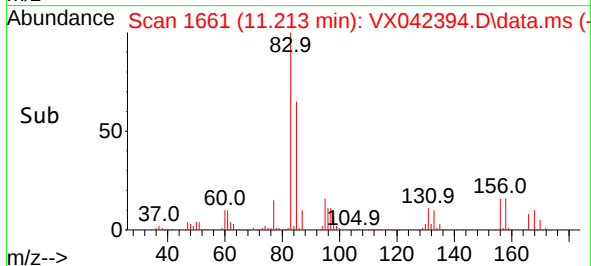
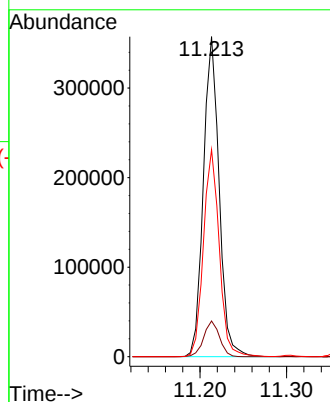
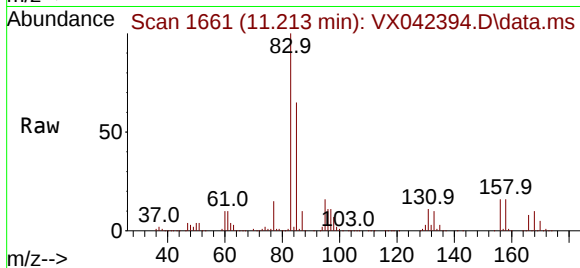
#71
1,1,2,2-Tetrachloroethane
Concen: 141.951 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 451748
Ion Ratio Lower Upper
83 100
131 11.2 5.5 16.7
85 64.8 32.6 97.7

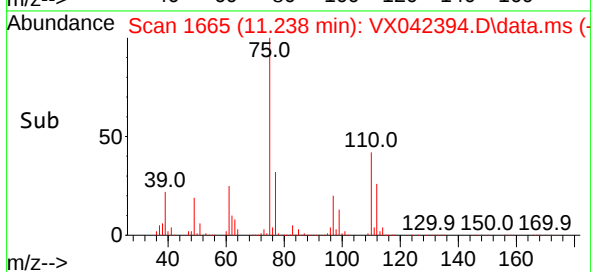
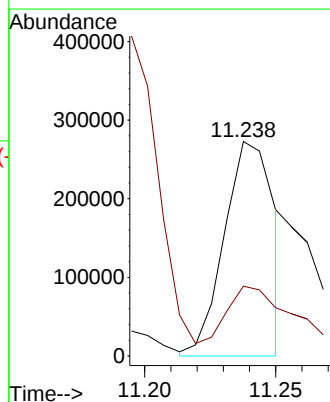
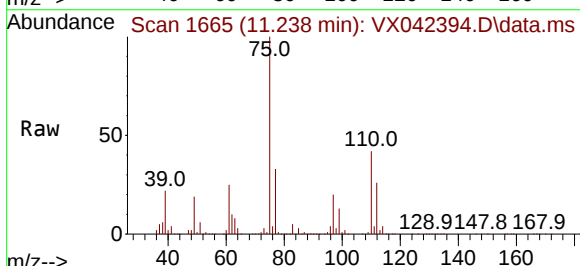
Manual Integrations
APPROVED

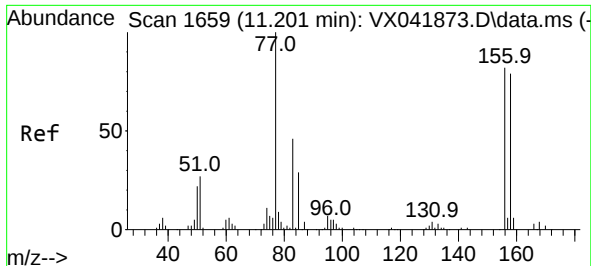
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#72
1,2,3-Trichloropropane
Concen: 138.699 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

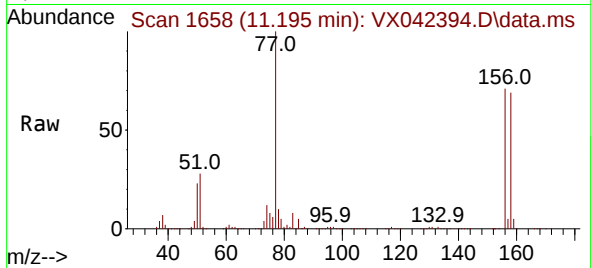
Tgt Ion: 75 Resp: 357516
Ion Ratio Lower Upper
75 100
77 46.4 0.0 79.6





#73
Bromobenzene
Concen: 142.606 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

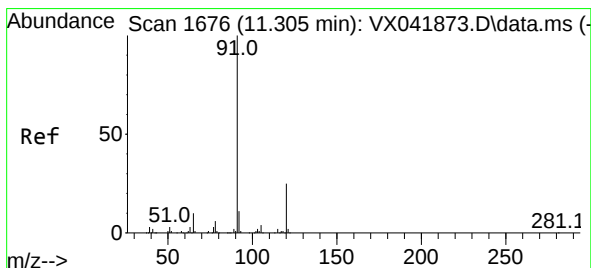
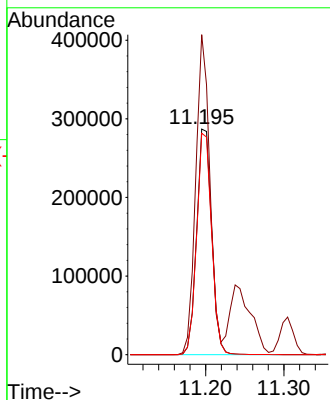
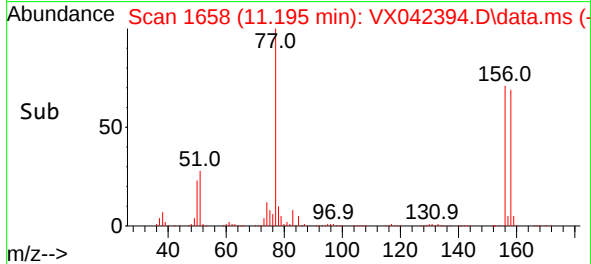
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



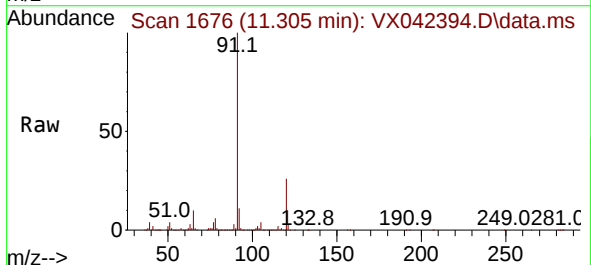
Tgt Ion:156 Resp: 382500
Ion Ratio Lower Upper
156 100
77 133.2 0.0 266.2
158 97.8 0.0 195.2

Manual Integrations
APPROVED

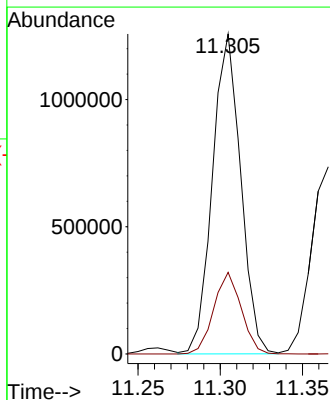
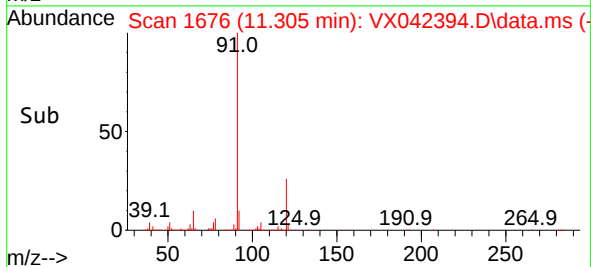
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

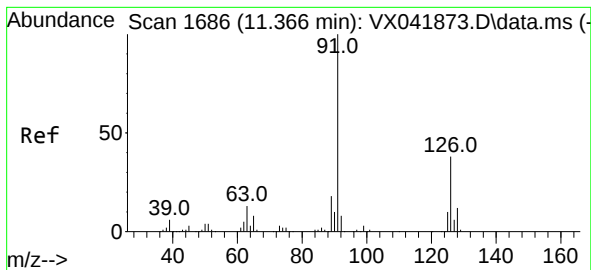


#74
n-propylbenzene
Concen: 148.741 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56



Tgt Ion: 91 Resp: 1502483
Ion Ratio Lower Upper
91 100
120 24.8 0.0 49.6





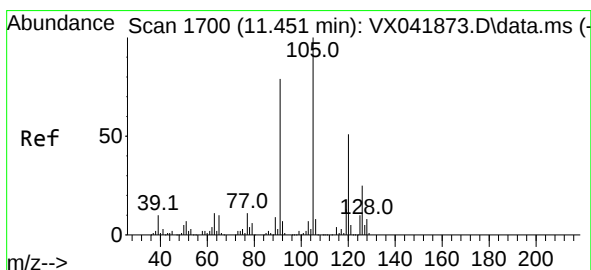
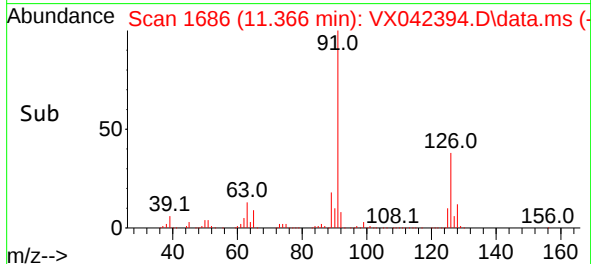
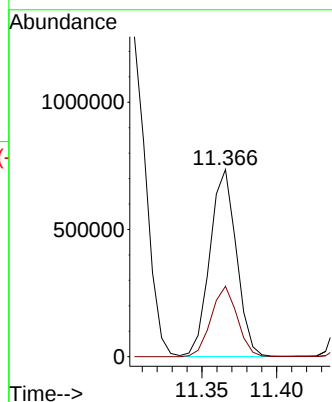
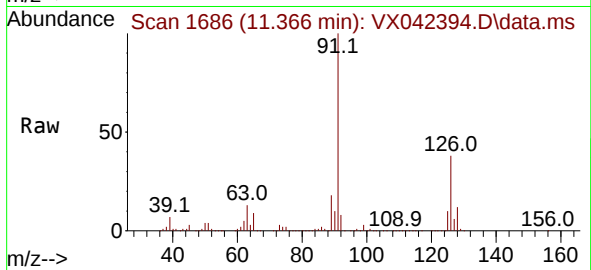
#75
2-Chlorotoluene
Concen: 141.815 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 909654
Ion Ratio Lower Upper
91 100
126 36.9 0.0 72.6

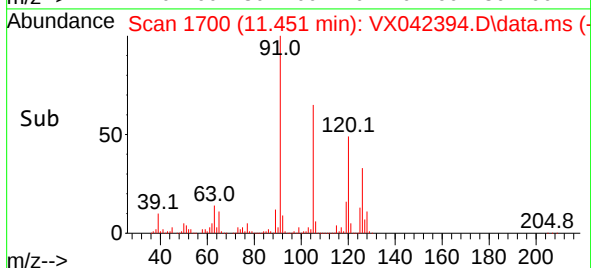
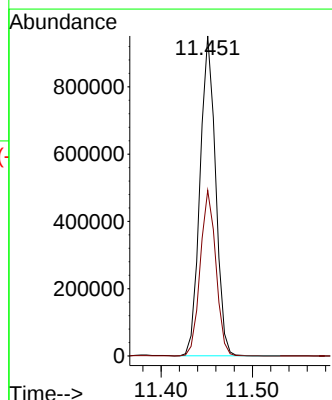
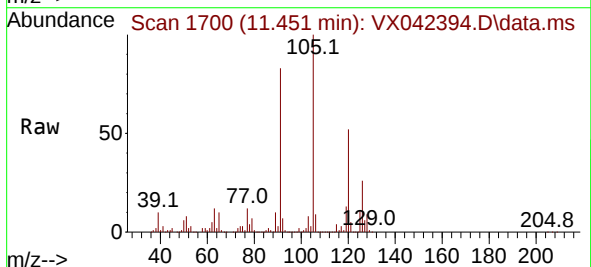
Manual Integrations
APPROVED

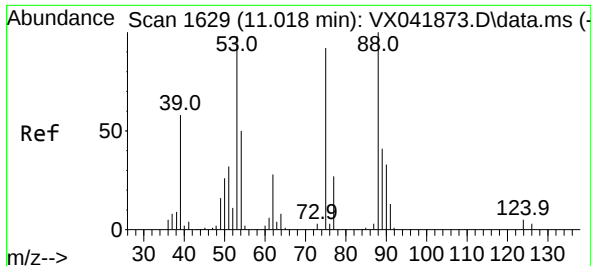
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#76
1,3,5-Trimethylbenzene
Concen: 145.717 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

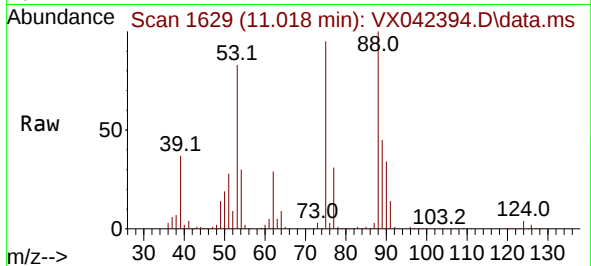
Tgt Ion:105 Resp: 1122577
Ion Ratio Lower Upper
105 100
120 51.8 0.0 103.0





#77
t-1,4-Dichloro-2-butene
Concen: 164.144 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

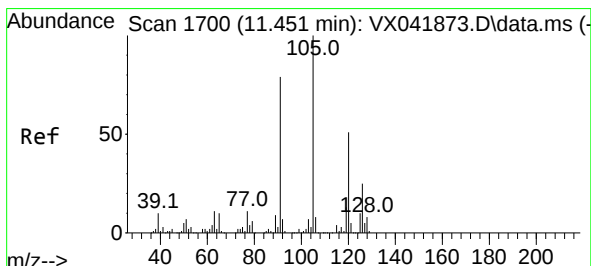
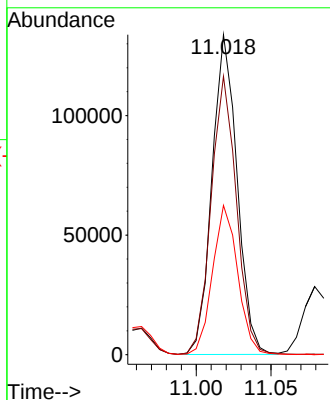
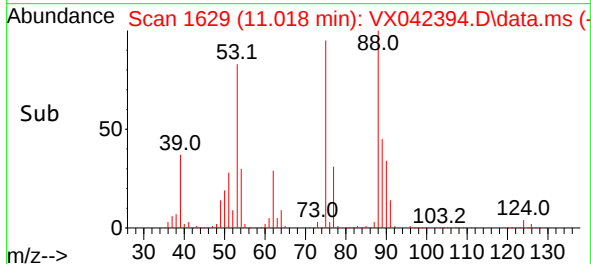
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 156520
Ion Ratio Lower Upper
75 100
53 87.0 53.4 160.2
89 46.6 22.5 67.5

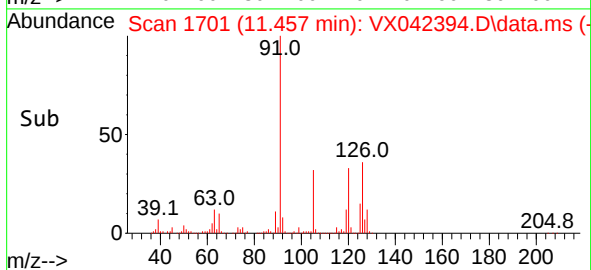
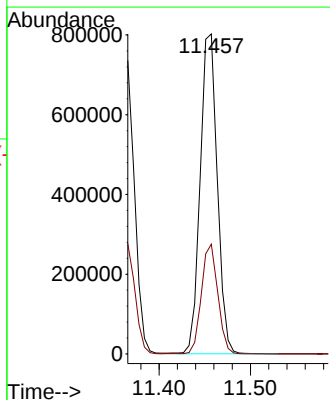
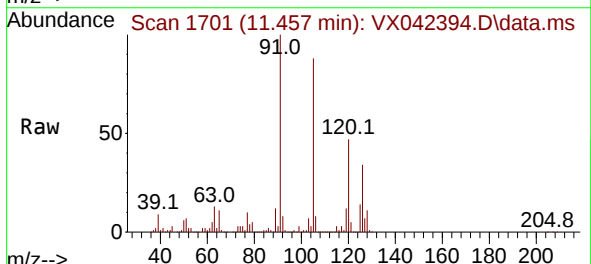
Manual Integrations
APPROVED

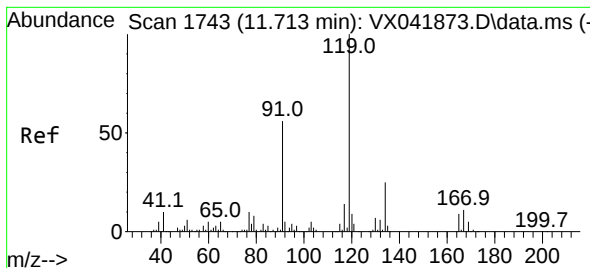
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#78
4-Chlorotoluene
Concen: 145.967 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

Tgt Ion: 91 Resp: 1040096
Ion Ratio Lower Upper
91 100
126 32.7 0.0 64.8





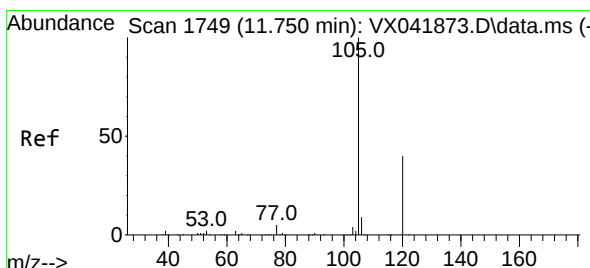
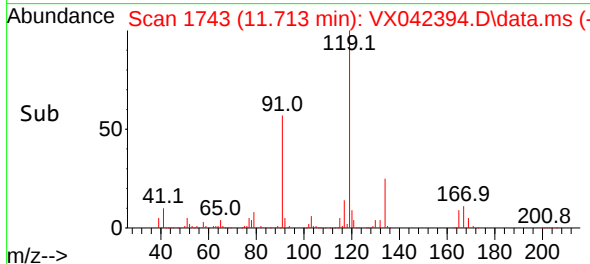
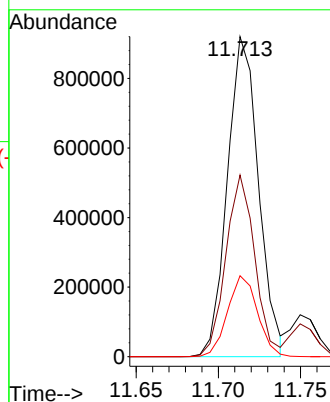
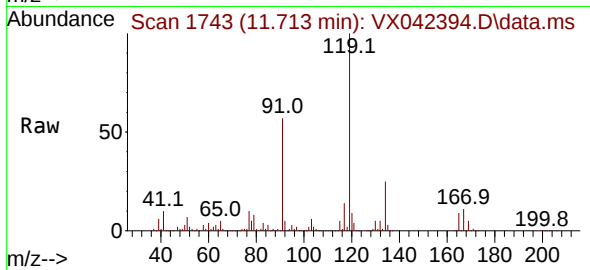
#79
tert-butylbenzene
Concen: 148.458 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:119 Resp: 121399
Ion Ratio Lower Upper
119 100
91 52.8 0.0 106.0
134 24.4 0.0 49.4

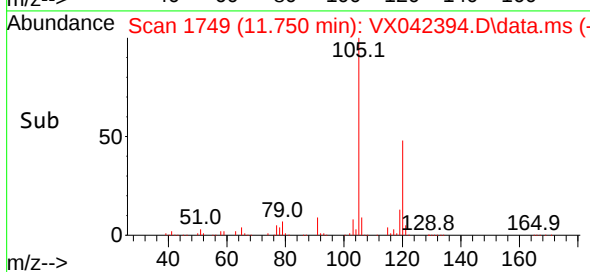
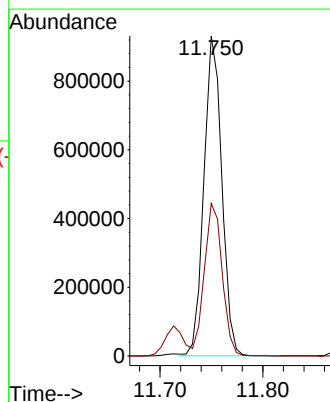
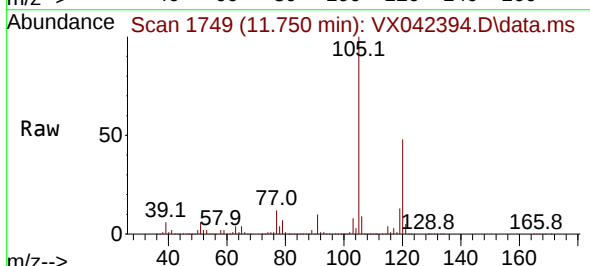
Manual Integrations
APPROVED

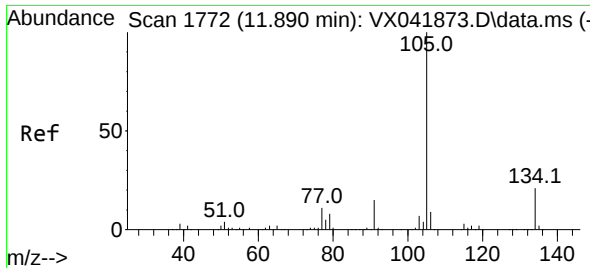
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#80
1,2,4-Trimethylbenzene
Concen: 146.564 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

Tgt Ion:105 Resp: 1128017
Ion Ratio Lower Upper
105 100
120 47.5 0.0 96.2





#81
 sec-Butylbenzene
 Concen: 150.037 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX042394.D
 Acq: 19 Jul 2024 10:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

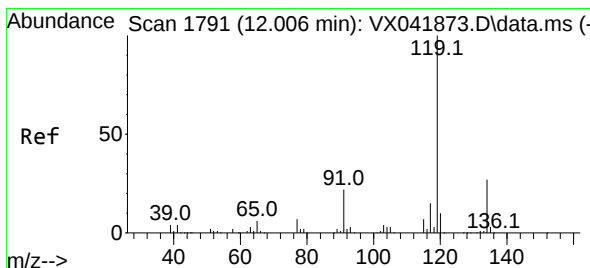
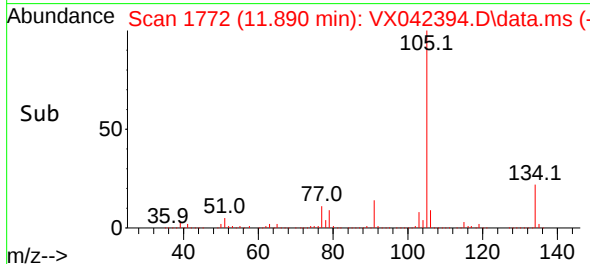
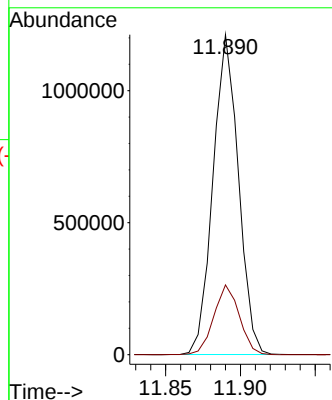
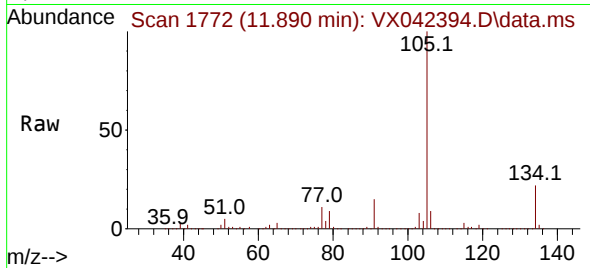
Tgt Ion:105 Resp: 143101
 Ion Ratio Lower Upper
 105 100
 134 21.9 0.0 43.2

Manual Integrations

APPROVED

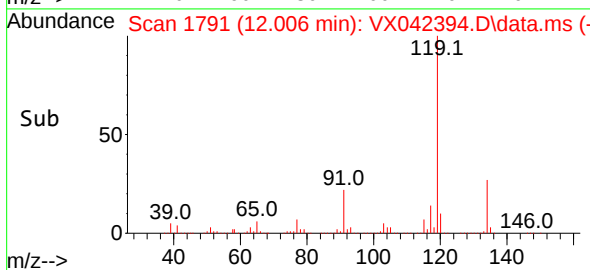
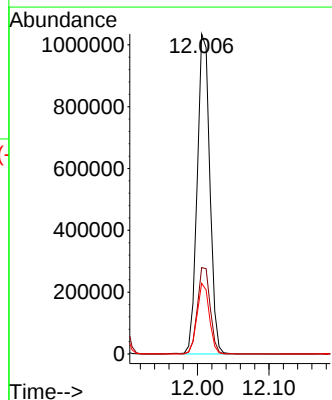
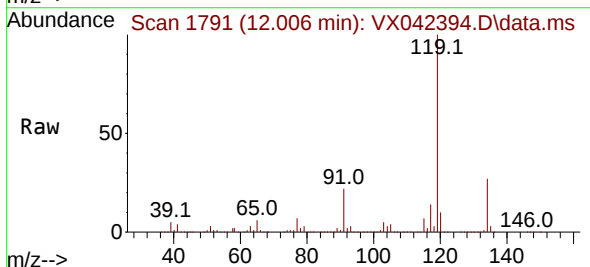
Reviewed By :John Carlone 07/19/2024

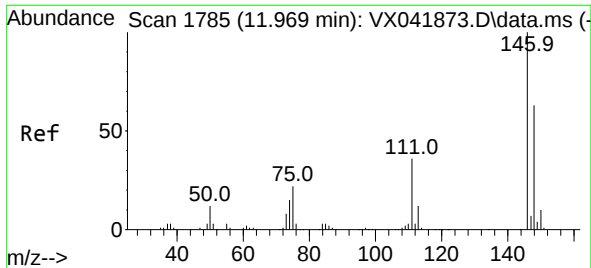
Supervised By :Mahesh Dadoda 07/22/2024



#82
 p-Isopropyltoluene
 Concen: 151.428 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX042394.D
 Acq: 19 Jul 2024 10:56

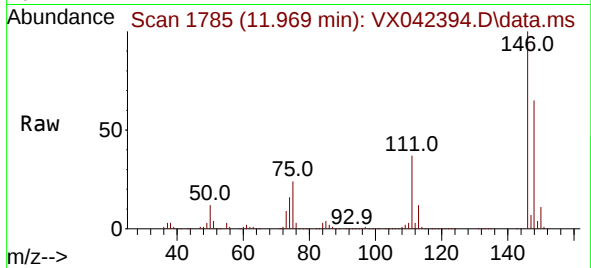
Tgt Ion:119 Resp: 1265643
 Ion Ratio Lower Upper
 119 100
 134 27.4 0.0 54.0
 91 21.4 0.0 42.2





#83
1,3-Dichlorobenzene
Concen: 145.326 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

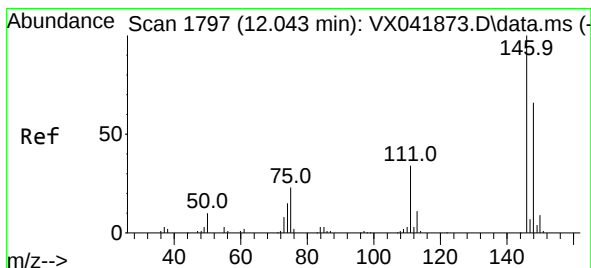
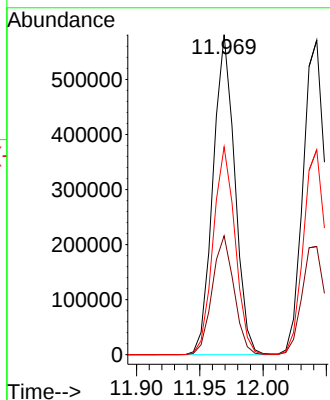
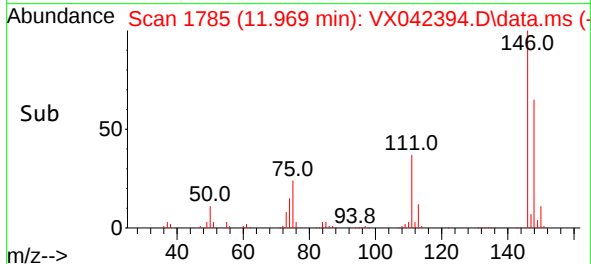
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



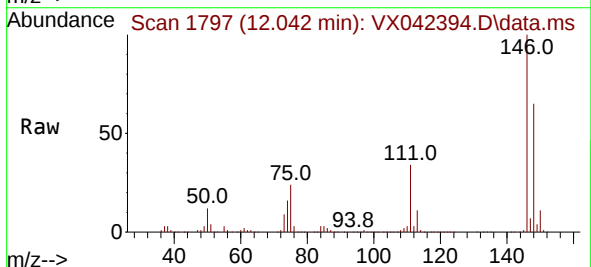
Tgt Ion:146 Resp: 695015
Ion Ratio Lower Upper
146 100
111 37.2 18.0 54.0
148 65.3 31.9 95.7

Manual Integrations
APPROVED

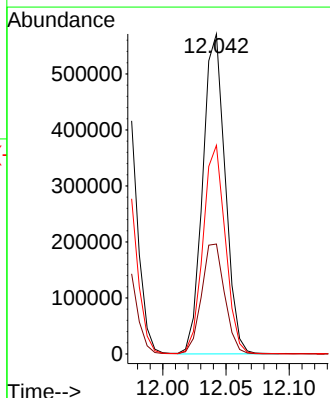
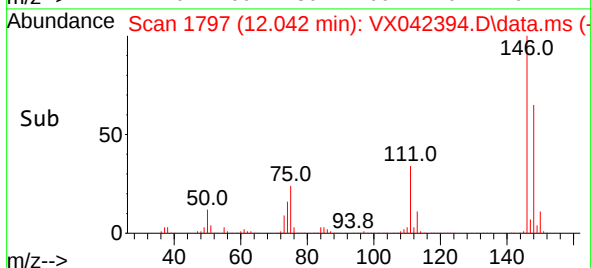
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

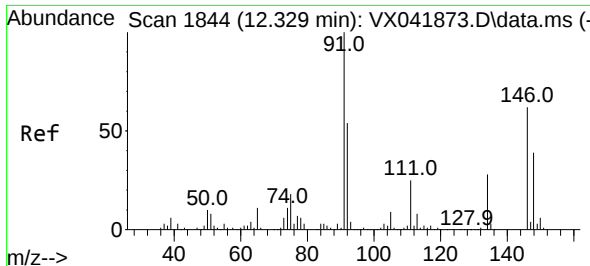


#84
1,4-Dichlorobenzene
Concen: 148.317 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56



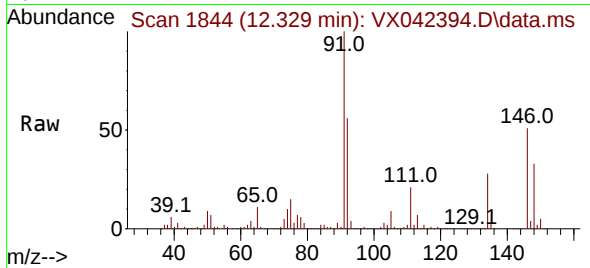
Tgt Ion:146 Resp: 706052
Ion Ratio Lower Upper
146 100
111 35.5 17.4 52.3
148 64.6 32.3 96.9





#85
n-Butylbenzene
Concen: 162.624 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

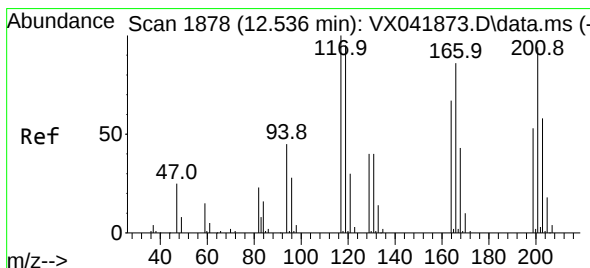
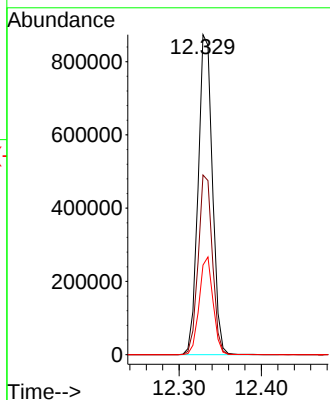
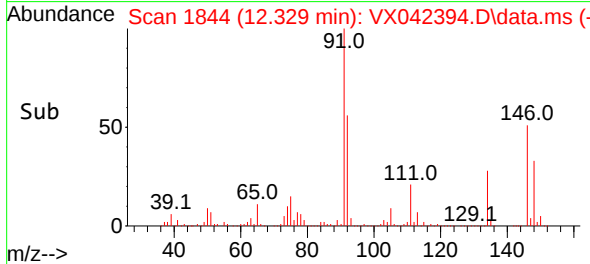
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



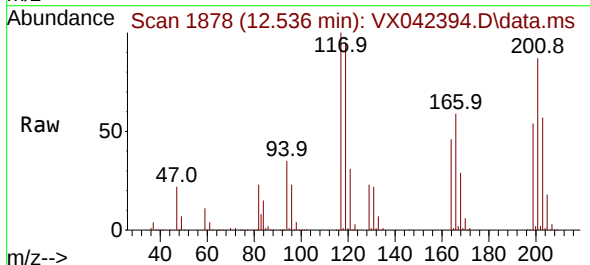
Tgt Ion: 91 Resp: 105105
Ion Ratio Lower Upper
91 100
92 55.9 0.0 109.8
134 29.6 0.0 58.4

Manual Integrations
APPROVED

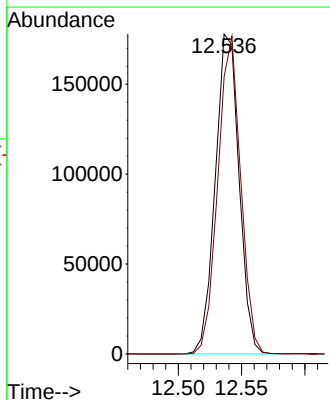
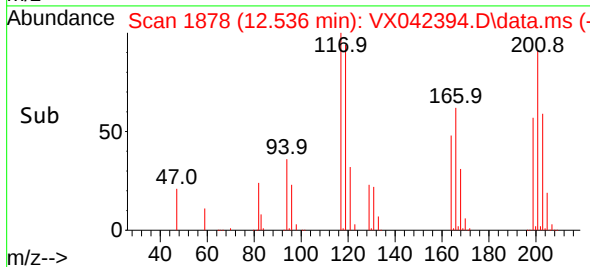
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

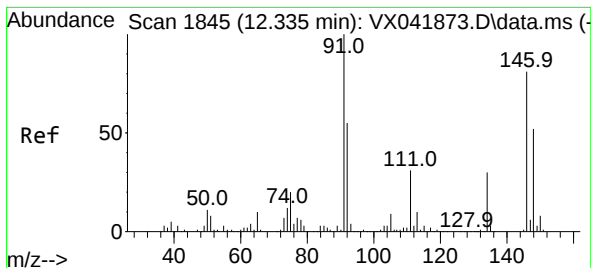


#86
Hexachloroethane
Concen: 170.234 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56



Tgt Ion:117 Resp: 232359
Ion Ratio Lower Upper
117 100
201 95.4 48.9 146.8





#87

1,2-Dichlorobenzene

Concen: 145.810 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX042394.D

Acq: 19 Jul 2024 10:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:146 Resp: 705230

Ion Ratio Lower Upper

146 100

111 38.7 19.1 57.3

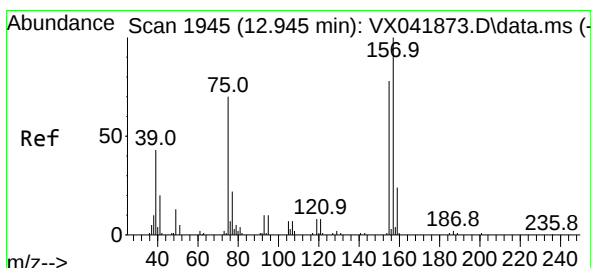
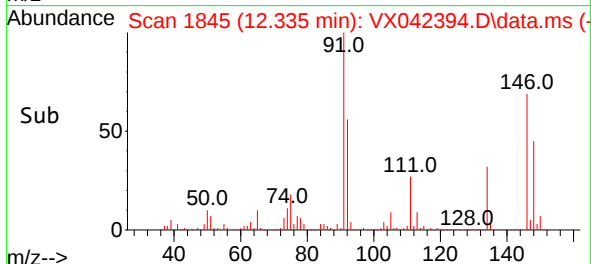
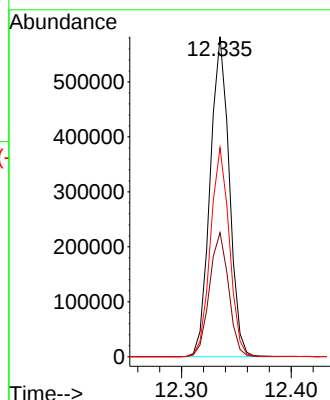
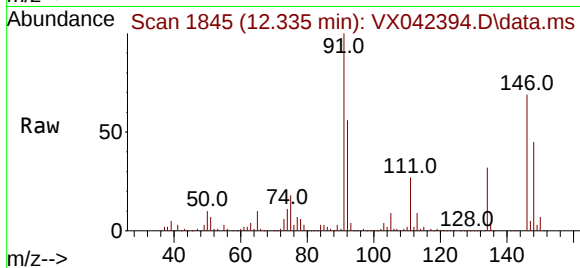
148 64.5 32.4 97.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 156.517 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX042394.D

Acq: 19 Jul 2024 10:56

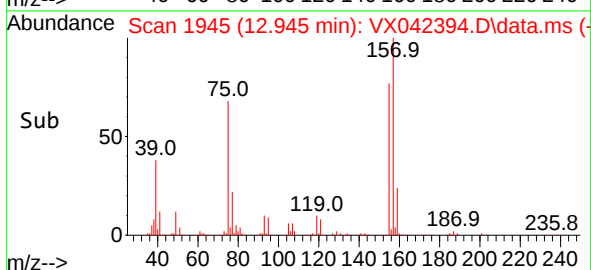
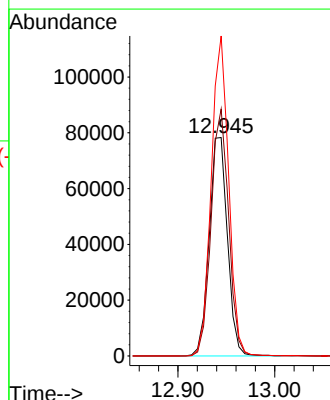
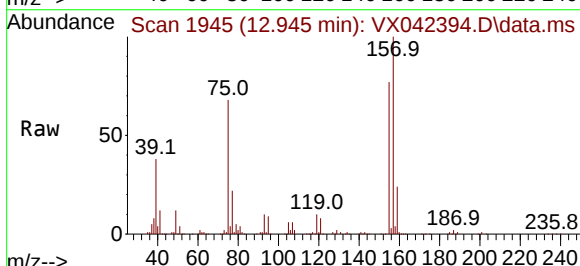
Tgt Ion: 75 Resp: 103029

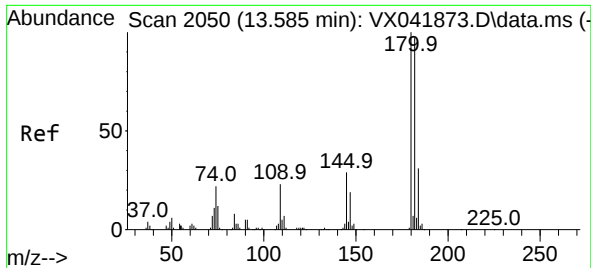
Ion Ratio Lower Upper

75 100

155 108.5 88.6 133.0

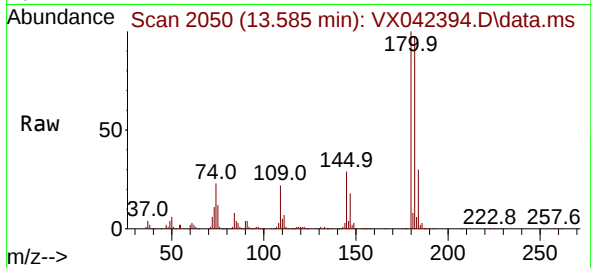
157 139.0 112.8 169.2





#89
1,2,4-Trichlorobenzene
Concen: 158.224 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

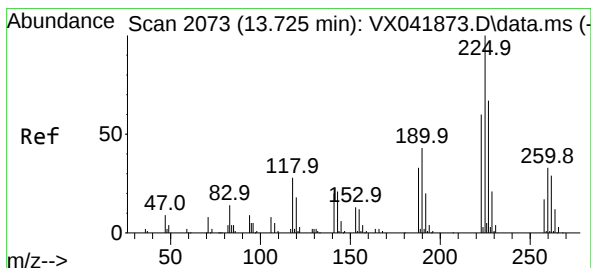
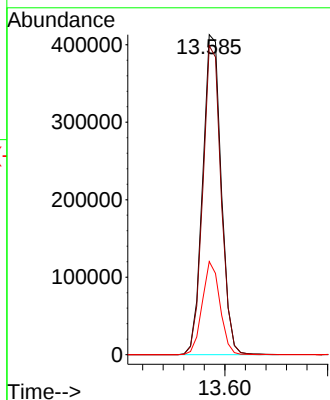
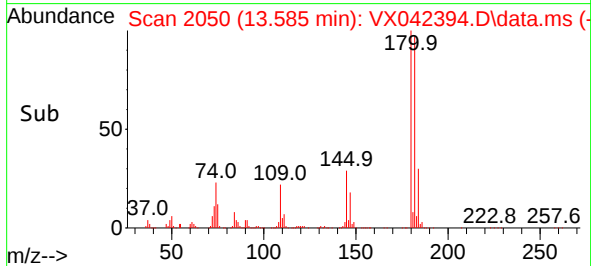
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



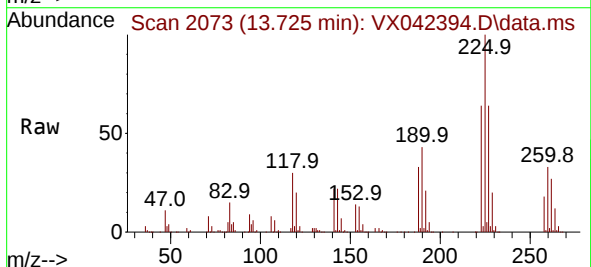
Tgt Ion:180 Resp: 518029
Ion Ratio Lower Upper
180 100
182 94.9 76.9 115.3
145 27.9 22.8 34.2

Manual Integrations
APPROVED

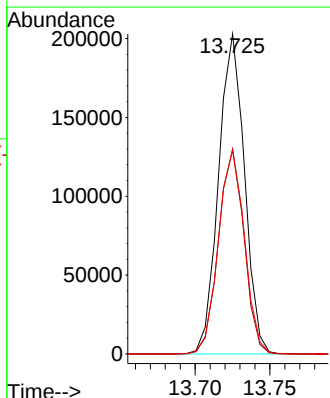
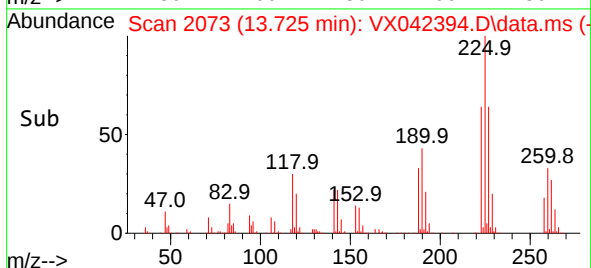
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

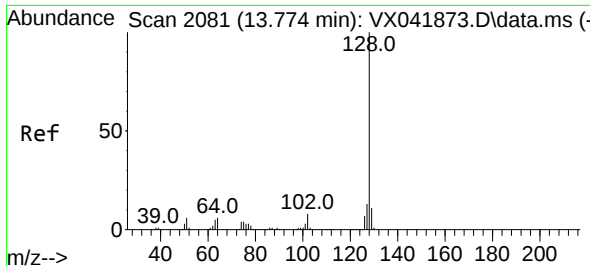


#90
Hexachlorobutadiene
Concen: 151.533 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56



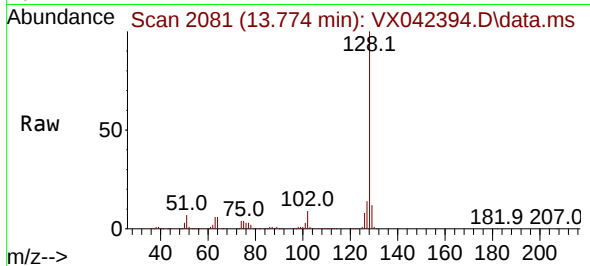
Tgt Ion:225 Resp: 244471
Ion Ratio Lower Upper
225 100
223 63.0 0.0 120.8
227 64.1 0.0 126.6





#91
Naphthalene
Concen: 153.995 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56

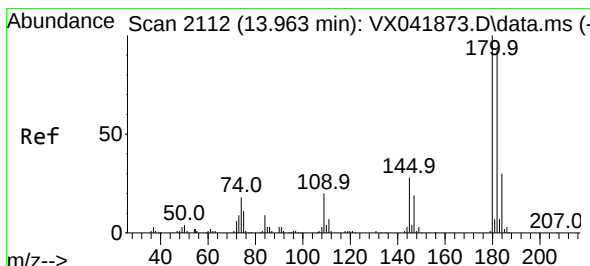
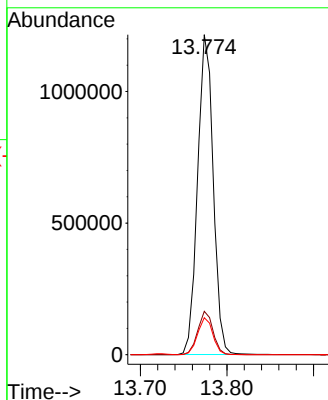
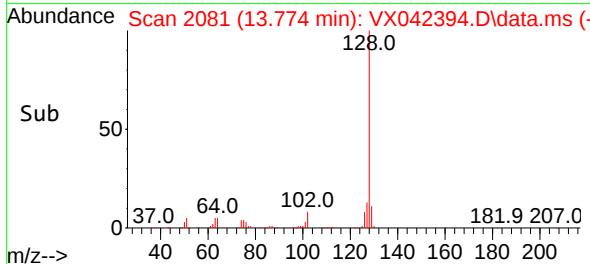
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



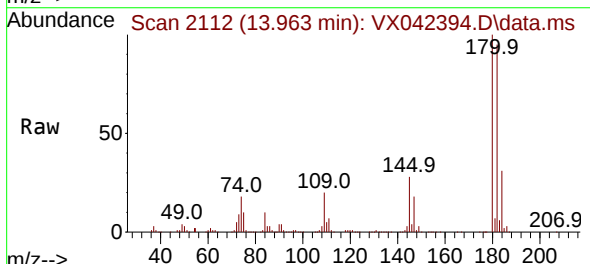
Tgt Ion:128 Resp: 152341
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 11.3 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#92
1,2,3-Trichlorobenzene
Concen: 153.047 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX042394.D
Acq: 19 Jul 2024 10:56



Tgt Ion:180 Resp: 518940
Ion Ratio Lower Upper
180 100
182 96.0 0.0 187.8
145 29.8 0.0 58.4

