

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022023\
 Data File : VX034173.D
 Acq On : 20 Feb 2023 08:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/21/2023
 Supervised By : Mahesh Dadoda 02/21/2023

Quant Time: Feb 21 01:02:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	466246	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	767731	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	657208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	310918	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	313275	49.891	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.780%		
35) Dibromofluoromethane	5.385	113	249422	49.898	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.800%		
50) Toluene-d8	8.647	98	892794	49.746	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.500%		
62) 4-Bromofluorobenzene	11.079	95	344685	50.210	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.420%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	200418	49.745	ug/l	99
3) Chloromethane	1.294	50	259240	44.714	ug/l	98
4) Vinyl Chloride	1.374	62	265165	50.220	ug/l	99
5) Bromomethane	1.611	94	107927	54.518	ug/l	99
6) Chloroethane	1.685	64	141916	53.463	ug/l	100
7) Trichlorofluoromethane	1.886	101	364018	50.959	ug/l	100
8) Diethyl Ether	2.130	74	139029	48.309	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	242355	48.175	ug/l	94
10) Methyl Iodide	2.453	142	305395	49.858	ug/l	94
11) Tert butyl alcohol	2.953	59	286675	204.122	ug/l	# 82
12) 1,1-Dichloroethene	2.319	96	243618	48.308	ug/l	97
13) Acrolein	2.233	56	141470	220.669	ug/l	99
14) Allyl chloride	2.666	41	510454	47.718	ug/l	91
15) Acrylonitrile	3.056	53	714514	233.212	ug/l	99
16) Acetone	2.373	43	951355	293.706	ug/l	93
17) Carbon Disulfide	2.514	76	696096	48.010	ug/l	98
18) Methyl Acetate	2.697	43	480987	47.990	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	873036	49.051	ug/l	98
20) Methylene Chloride	2.788	84	269703	46.211	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	259759	49.157	ug/l	96
22) Diisopropyl ether	3.757	45	892688	47.600	ug/l	93
23) Vinyl Acetate	3.715	43	3533213	235.149	ug/l	99
24) 1,1-Dichloroethane	3.605	63	501959	48.755	ug/l	98
25) 2-Butanone	4.550	43	1151666	245.728	ug/l	98
26) 2,2-Dichloropropane	4.471	77	455704	48.860	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	302345	48.317	ug/l	93
28) Bromochloromethane	4.897	49	224066	48.787	ug/l	86
29) Tetrahydrofuran	4.995	42	625683	218.838	ug/l	100
30) Chloroform	5.092	83	482492	48.805	ug/l	99
31) Cyclohexane	5.470	56	443047	47.259	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	434529	49.031	ug/l	99
36) 1,1-Dichloropropene	5.690	75	371134	50.204	ug/l	97
37) Ethyl Acetate	4.702	43	395239	47.839	ug/l	99
38) Carbon Tetrachloride	5.672	117	385899	50.729	ug/l	97
39) Methylcyclohexane	7.379	83	462477	48.613	ug/l	97
40) Benzene	6.037	78	1060349	48.401	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	221148	48.043	ug/l	99
42) 1,2-Dichloroethane	6.086	62	384295	49.876	ug/l	98
43) Isopropyl Acetate	6.330	43	683824	46.903	ug/l	98
44) Trichloroethene	7.123	130	280900	49.965	ug/l	91
45) 1,2-Dichloropropane	7.427	63	285584	48.969	ug/l	98
46) Dibromomethane	7.574	93	189250	49.308	ug/l #	86
47) Bromodichloromethane	7.818	83	396186	50.298	ug/l	98
48) Methyl methacrylate	7.690	41	329323	47.591	ug/l	98
49) 1,4-Dioxane	7.665	88	115721	838.406	ug/l #	98
51) 4-Methyl-2-Pentanone	8.567	43	1855330	231.300	ug/l	100
52) Toluene	8.714	92	645886	48.656	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	450414	49.678	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	483056	49.767	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	262823	49.052	ug/l	98
56) Ethyl methacrylate	9.116	69	440386	48.585	ug/l	97
57) 1,3-Dichloropropane	9.305	76	459818	49.325	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	935301	238.202	ug/l	95
59) 2-Hexanone	9.427	43	1467725	240.096	ug/l	99
60) Dibromochloromethane	9.519	129	295061	49.838	ug/l	99
61) 1,2-Dibromoethane	9.610	107	276299	48.758	ug/l	99
64) Tetrachloroethene	9.275	164	229322	49.440	ug/l	94
65) Chlorobenzene	10.079	112	674659	49.247	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	263625	49.709	ug/l	98
67) Ethyl Benzene	10.195	91	1232404	50.074	ug/l	100
68) m/p-Xylenes	10.299	106	933945	99.159	ug/l	96
69) o-Xylene	10.640	106	460459	49.107	ug/l	95
70) Styrene	10.652	104	756843	49.629	ug/l	95
71) Bromoform	10.799	173	214372	49.521	ug/l #	99
73) Isopropylbenzene	10.963	105	1185050	50.011	ug/l	100
74) N-amyl acetate	10.841	43	558347	46.902	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	377383	46.564	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	371629m	47.501	ug/l	
77) Bromobenzene	11.195	156	283603	49.734	ug/l	84
78) n-propylbenzene	11.305	91	1398355	50.741	ug/l	98
79) 2-Chlorotoluene	11.366	91	832215	49.248	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	983040	49.343	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	144289	47.378	ug/l	90
82) 4-Chlorotoluene	11.451	91	952837	49.506	ug/l	96
83) tert-Butylbenzene	11.713	119	1007638	49.384	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	987732	49.035	ug/l	97
85) sec-Butylbenzene	11.890	105	1238313	49.976	ug/l	98
86) p-Isopropyltoluene	12.012	119	1033467	50.397	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	527014	49.279	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	528439	48.989	ug/l	97
89) n-Butylbenzene	12.329	91	930198	50.930	ug/l	98
90) Hexachloroethane	12.536	117	213078	49.697	ug/l	81
91) 1,2-Dichlorobenzene	12.335	146	510791	48.816	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	89263	46.186	ug/l	78
93) 1,2,4-Trichlorobenzene	13.591	180	342517	50.987	ug/l	98
94) Hexachlorobutadiene	13.725	225	140426	50.425	ug/l	98
95) Naphthalene	13.774	128	1109584	49.031	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	335462	50.300	ug/l	98

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QLast Update : Fri Feb 17 12:33:35 2023
Response via : Initial Calibration

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

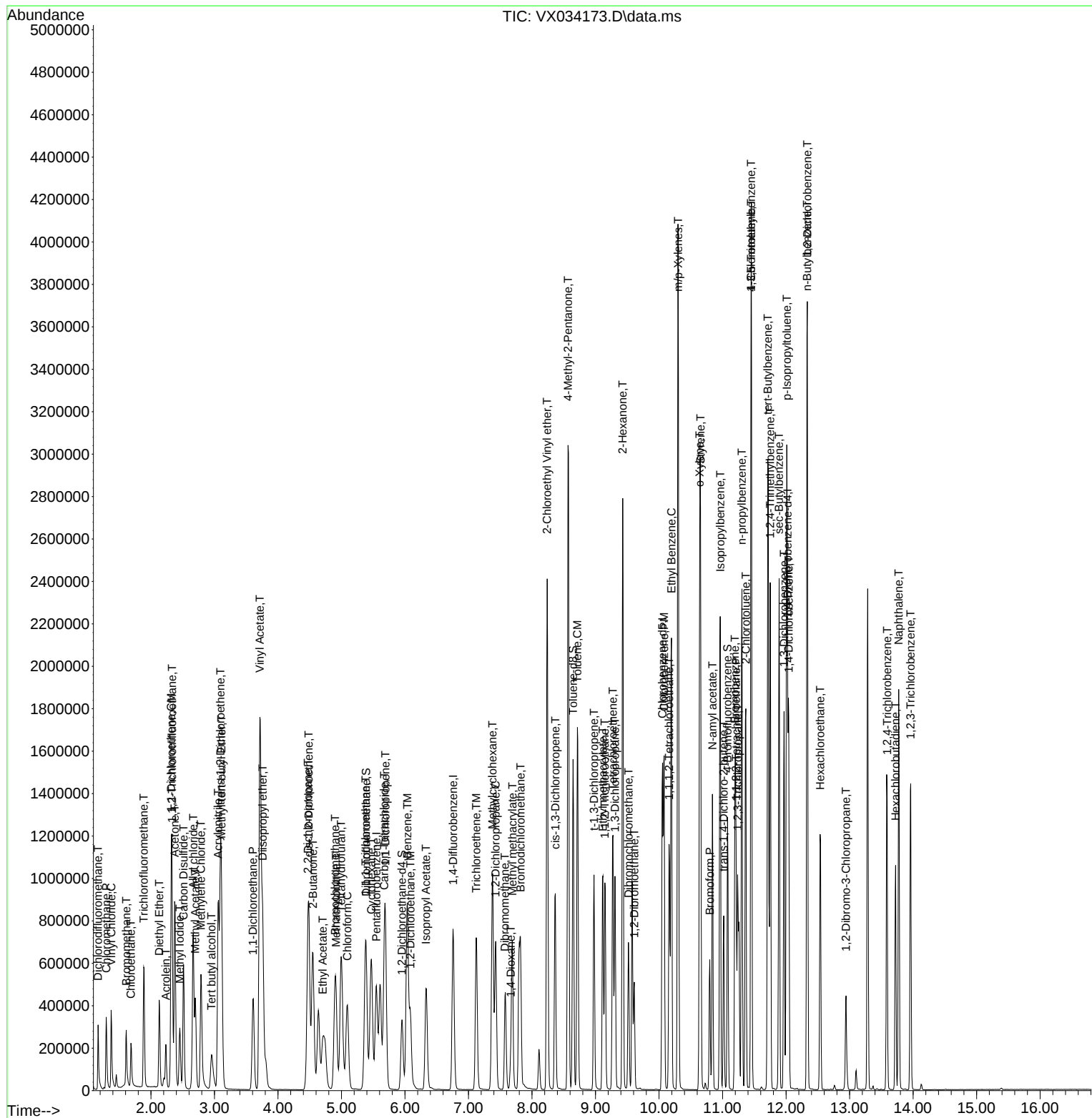
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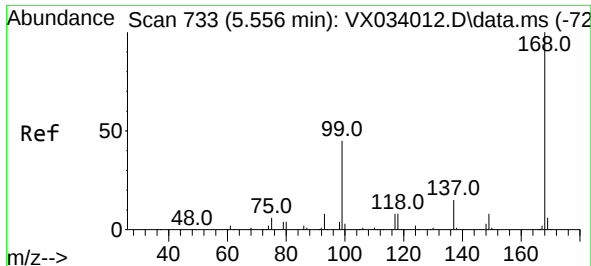
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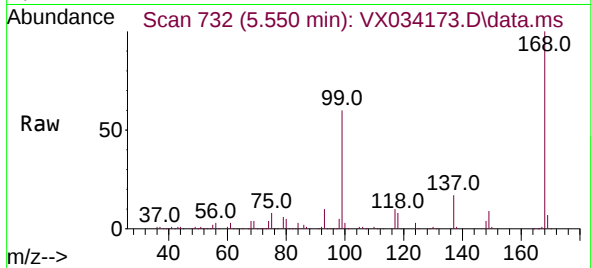
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034173.D
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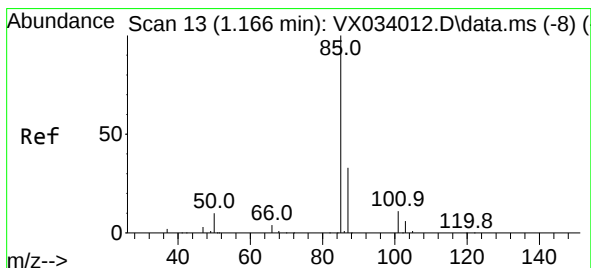
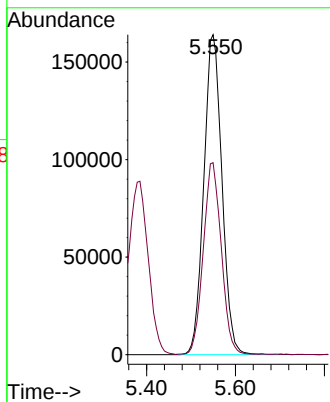
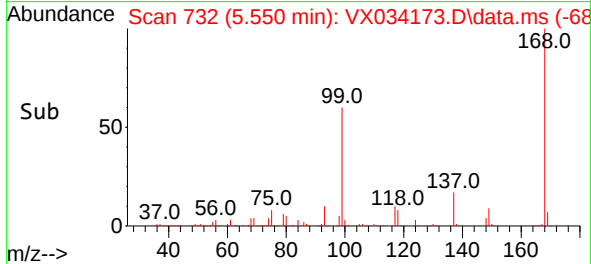
Instrument :
MSVOA_X
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VSTDCCC050



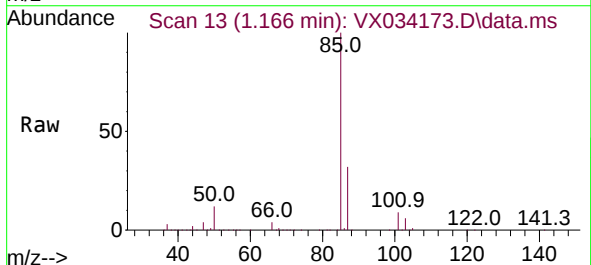
Tgt Ion:168 Resp: 466240
Ion Ratio Lower Upper
168 100
99 59.9 39.6 59.4

Manual Integrations
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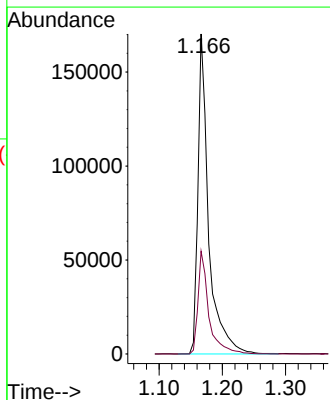
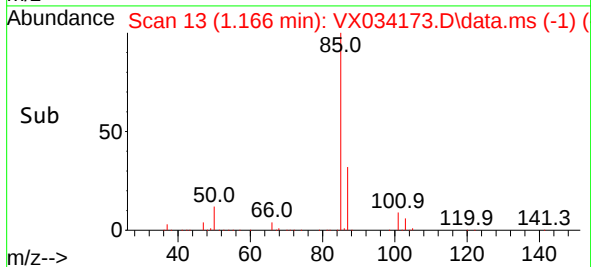
Reviewed By :John Carlone 02/21/2023
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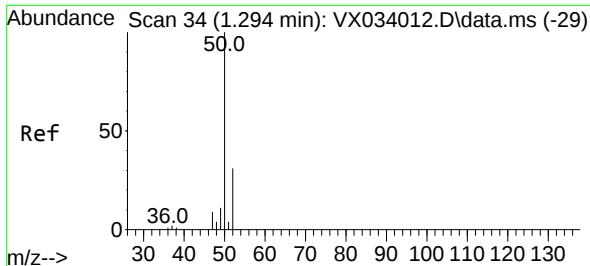


#2
Dichlorodifluoromethane
Concen: 49.745 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53



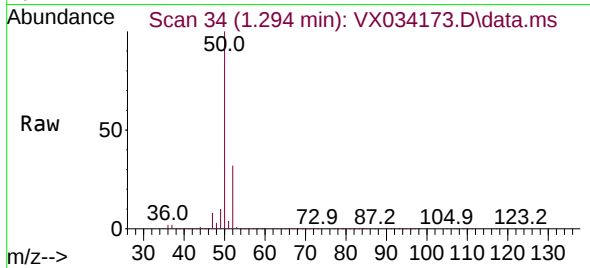
Tgt Ion: 85 Resp: 200418
Ion Ratio Lower Upper
85 100
87 32.1 15.8 47.4





#3
Chloromethane
Concen: 44.714 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

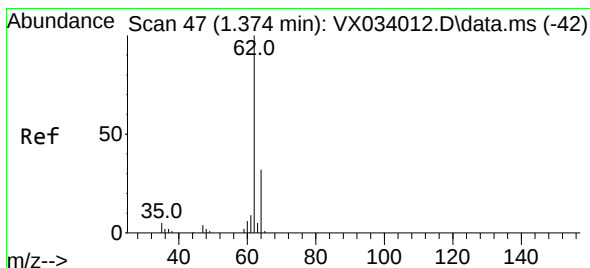
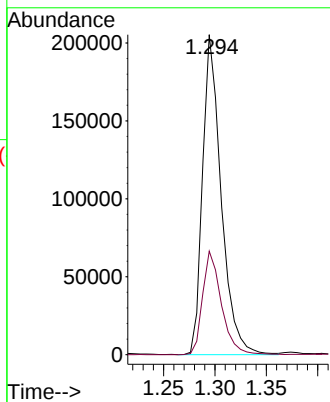
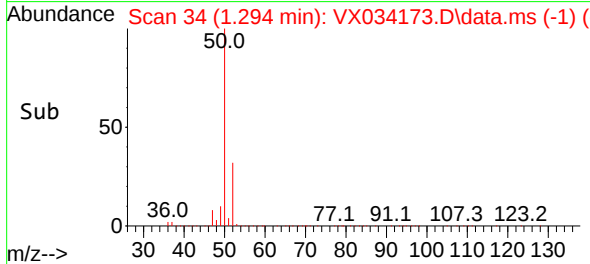
Instrument :
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Tgt Ion: 50 Resp: 259240
Ion Ratio Lower Upper
50 100
52 32.3 25.2 37.8

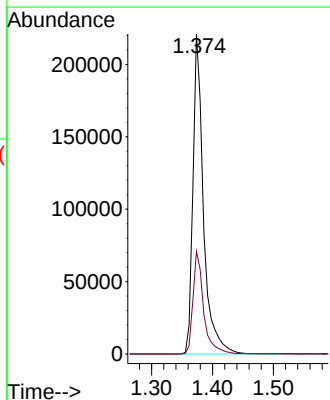
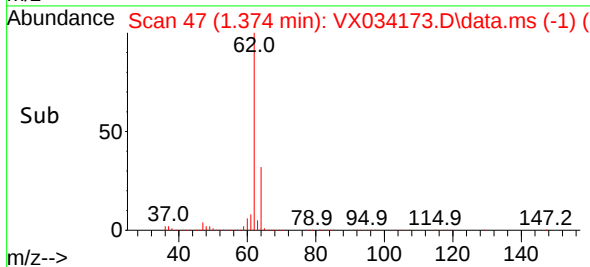
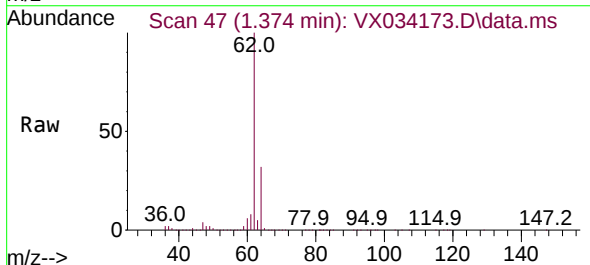
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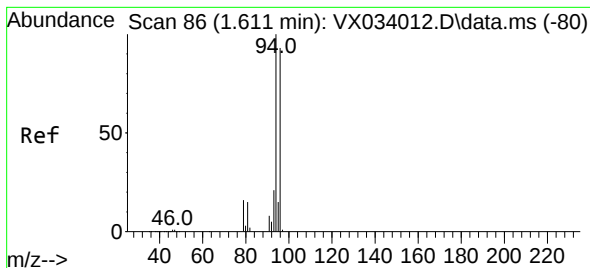
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#4
Vinyl Chloride
Concen: 50.220 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

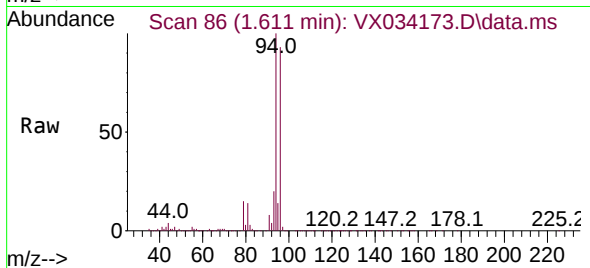
Tgt Ion: 62 Resp: 265165
Ion Ratio Lower Upper
62 100
64 32.1 26.2 39.4





#5
Bromomethane
Concen: 54.518 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

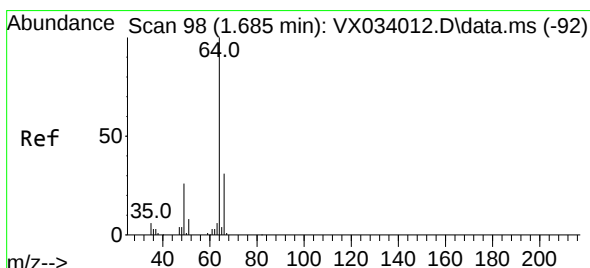
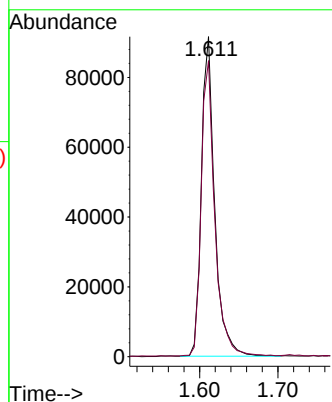
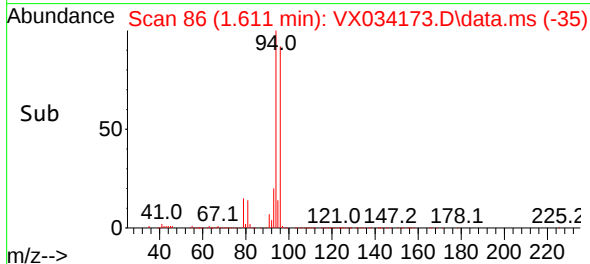
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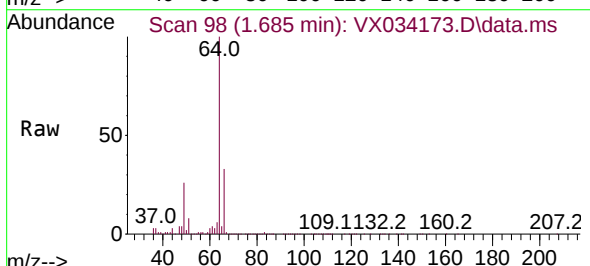
Tgt Ion: 94 Resp: 10792
Ion Ratio Lower Upper
94 100
96 92.4 74.3 111.5

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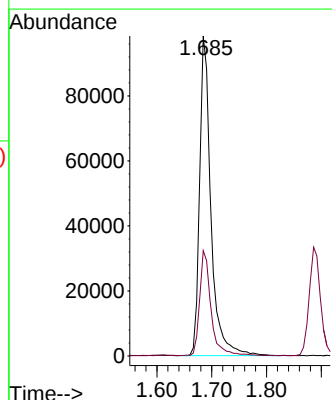
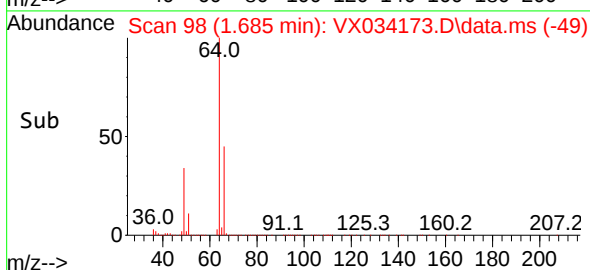
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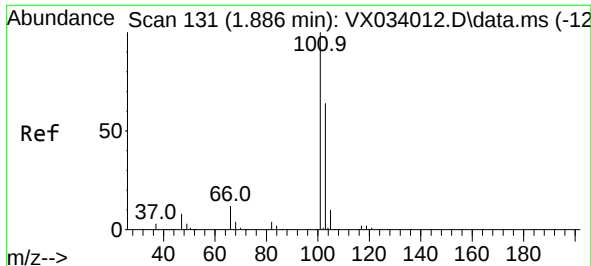


#6
Chloroethane
Concen: 53.463 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX034173.D
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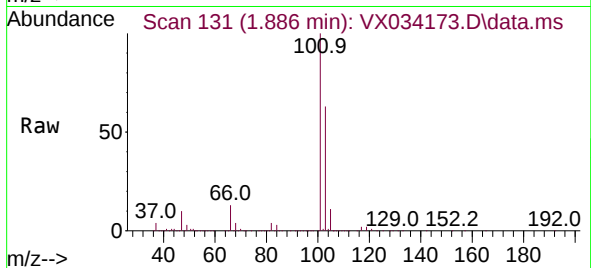
Tgt Ion: 64 Resp: 141916
Ion Ratio Lower Upper
64 100
66 32.8 26.1 39.1





#7
Trichlorofluoromethane
Concen: 50.959 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

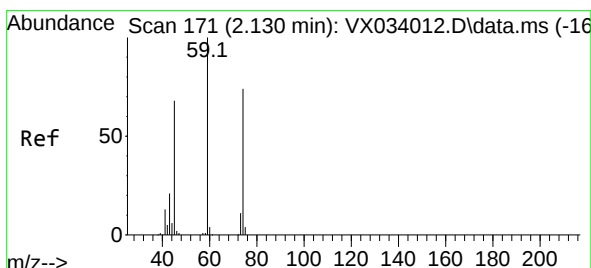
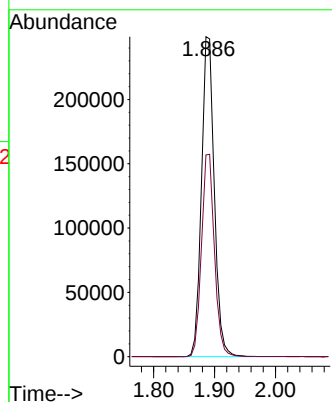
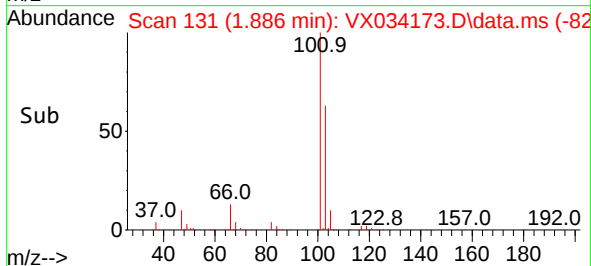
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Tgt Ion:101 Resp: 364018
Ion Ratio Lower Upper
101 100
103 63.0 50.6 75.8

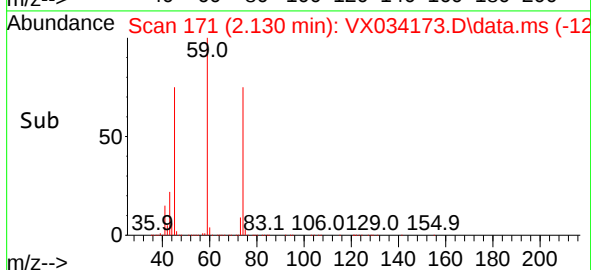
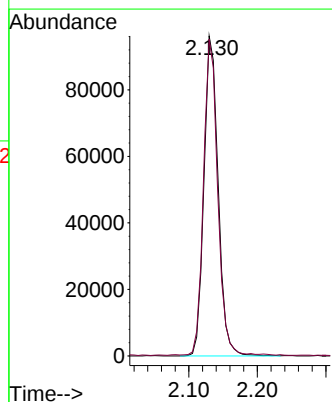
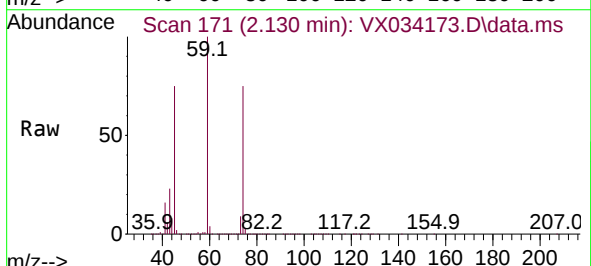
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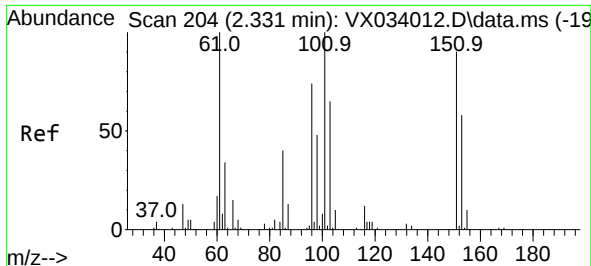
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#8
Diethyl Ether
Concen: 48.309 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX034173.D
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Tgt Ion: 74 Resp: 139029
Ion Ratio Lower Upper
74 100
45 98.2 51.5 154.5





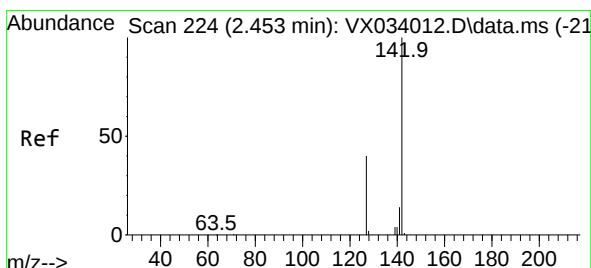
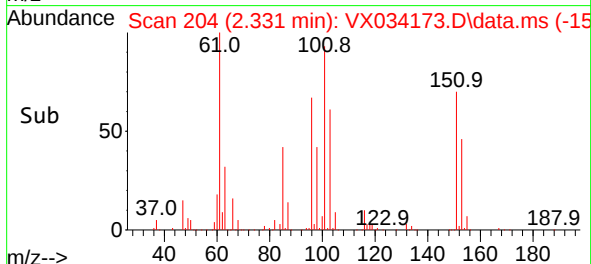
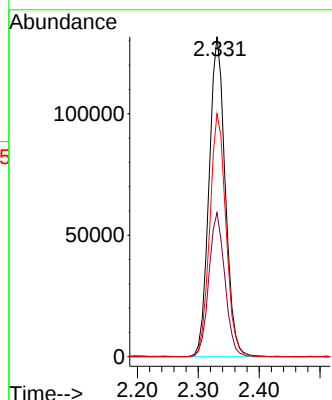
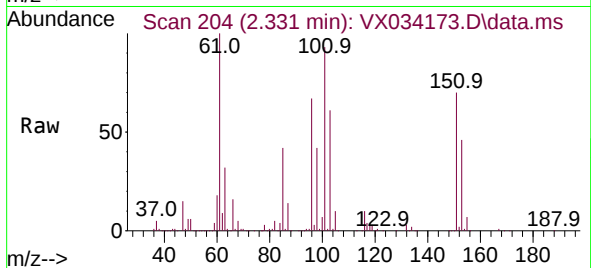
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.175 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 24235
Ion Ratio Lower Upper
101 100
85 44.4 36.7 55.1
151 76.2 66.5 99.7

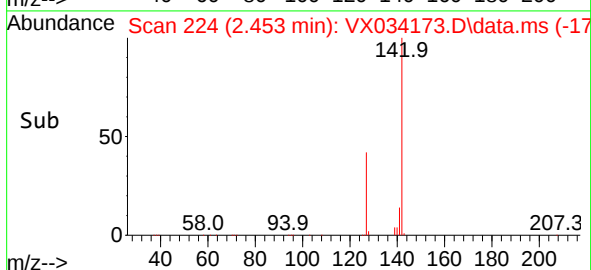
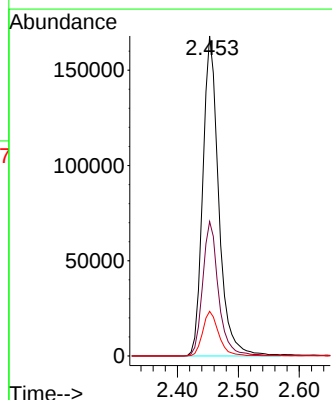
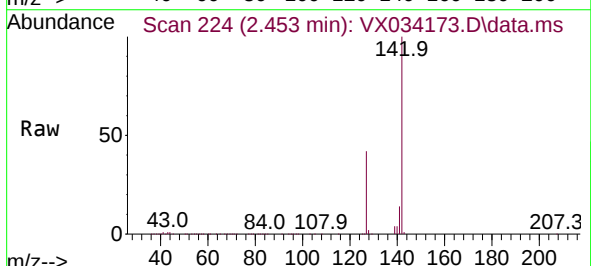
Manual Integrations
APPROVED

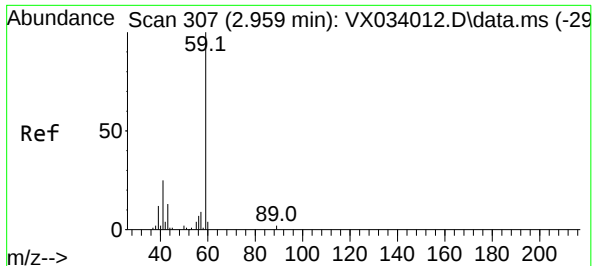
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#10
Methyl Iodide
Concen: 49.858 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

Tgt Ion:142 Resp: 305395
Ion Ratio Lower Upper
142 100
127 42.0 37.3 55.9
141 14.1 11.5 17.3





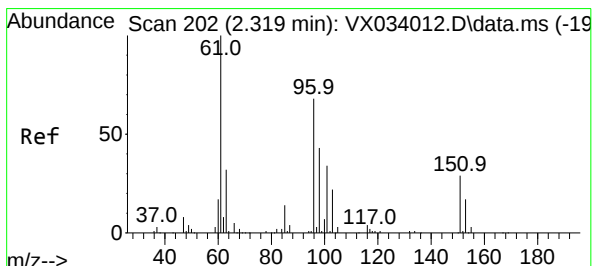
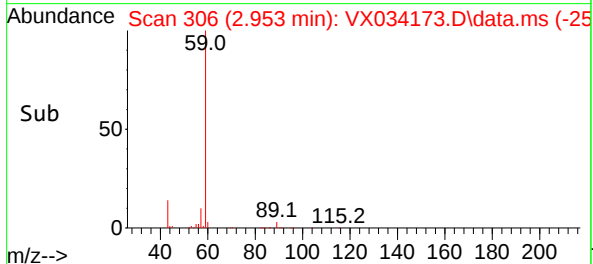
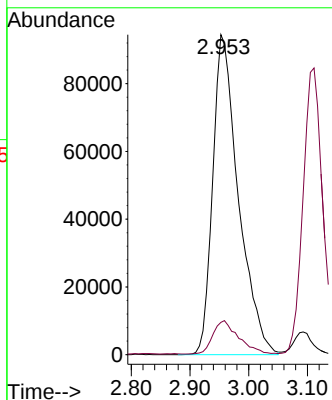
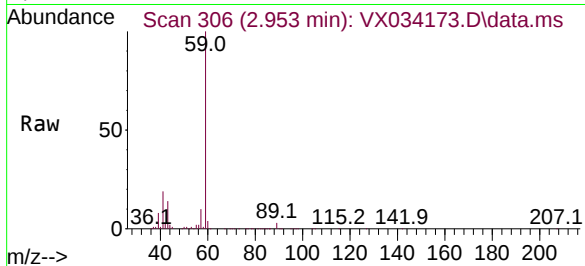
#11
Tert butyl alcohol
Concen: 204.122 ug/l
RT: 2.953 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 286679
Ion Ratio Lower Upper
59 100
57 10.5 3.7 5.5

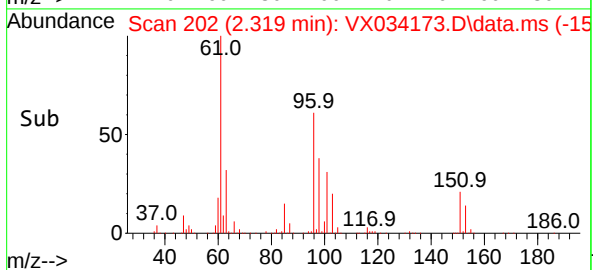
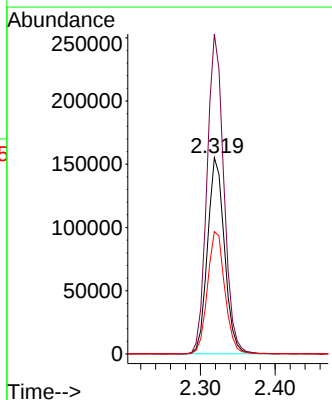
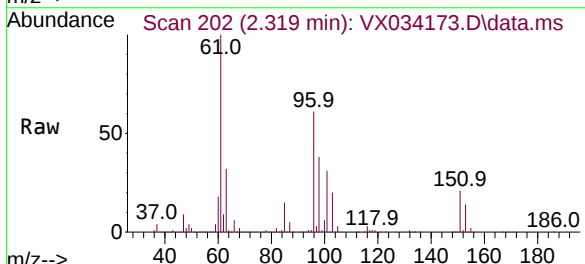
Manual Integrations
APPROVED

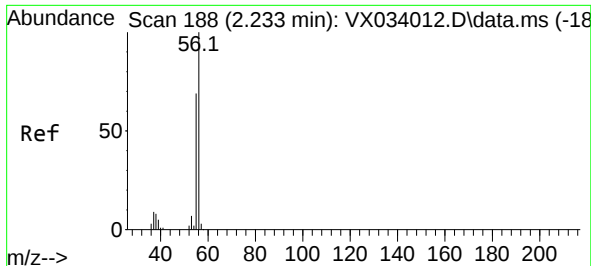
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#12
1,1-Dichloroethene
Concen: 48.308 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

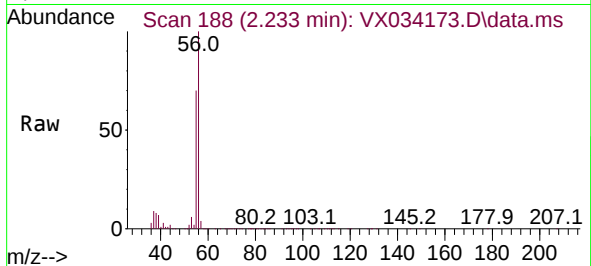
Tgt Ion: 96 Resp: 243618
Ion Ratio Lower Upper
96 100
61 163.1 134.2 201.4
98 62.3 50.2 75.2





#13
Acrolein
Concen: 220.669 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

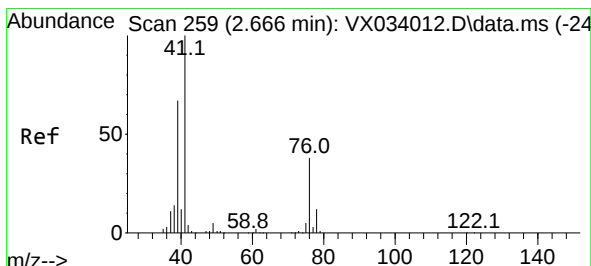
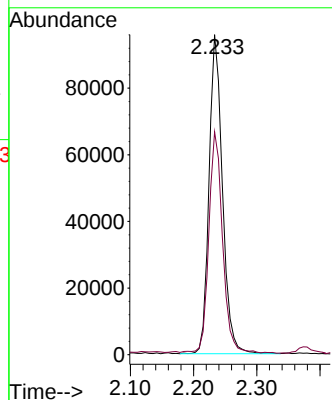
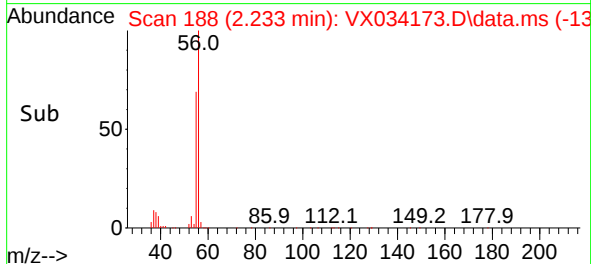
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 141470
Ion Ratio Lower Upper
56 100
55 70.9 56.3 84.5

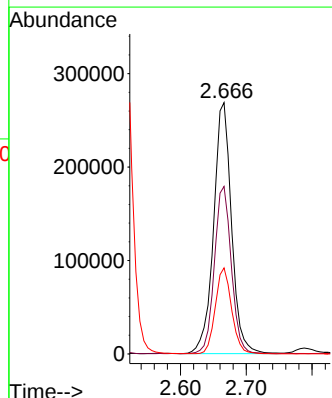
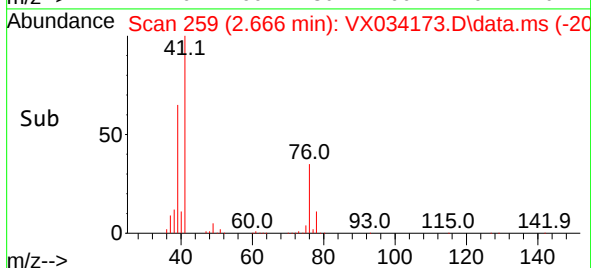
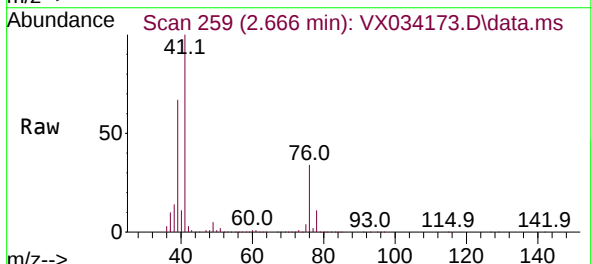
Manual Integrations
APPROVED

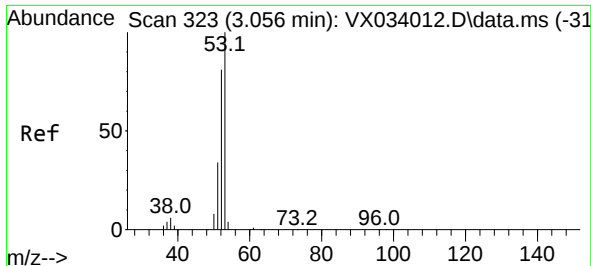
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#14
Allyl chloride
Concen: 47.718 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

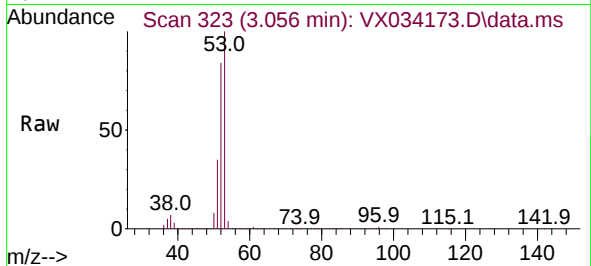
Tgt Ion: 41 Resp: 510454
Ion Ratio Lower Upper
41 100
39 62.8 59.0 88.4
76 31.2 24.6 37.0





#15
Acrylonitrile
Concen: 233.212 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

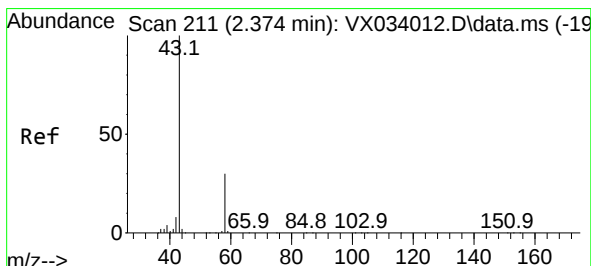
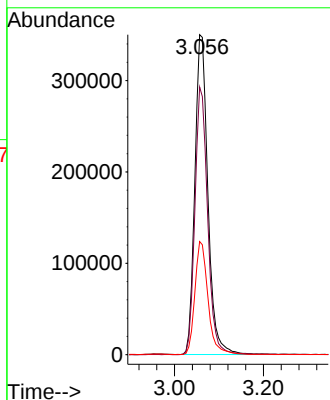
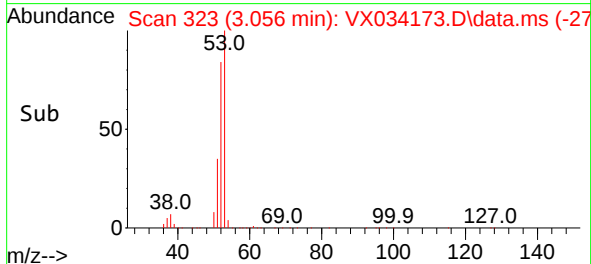
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



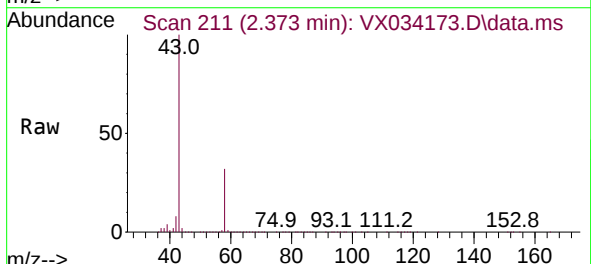
Tgt Ion: 53 Resp: 714514
Ion Ratio Lower Upper
53 100
52 81.6 65.7 98.5
51 35.5 29.0 43.4

Manual Integrations
APPROVED

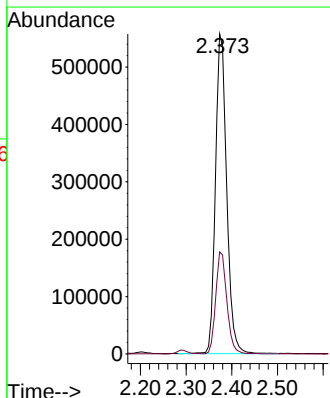
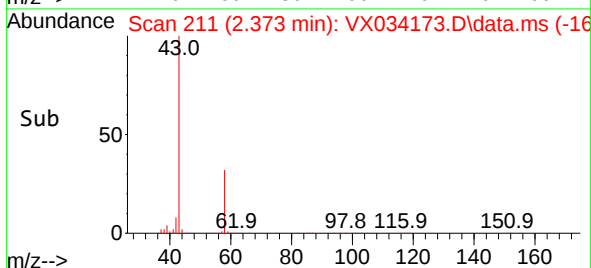
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

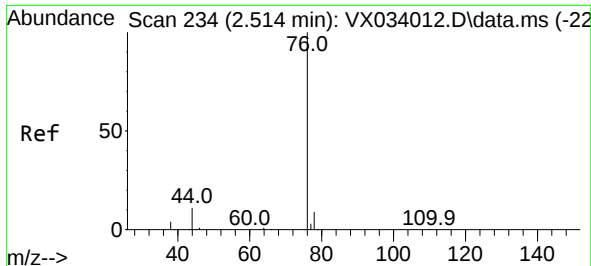


#16
Acetone
Concen: 293.706 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53



Tgt Ion: 43 Resp: 951355
Ion Ratio Lower Upper
43 100
58 31.8 22.6 33.8





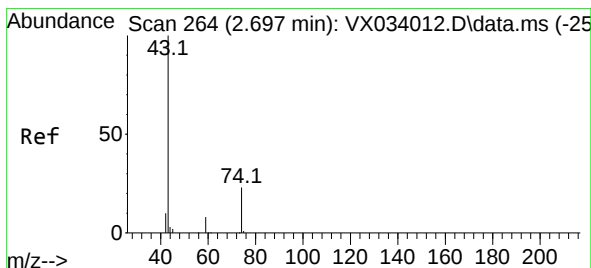
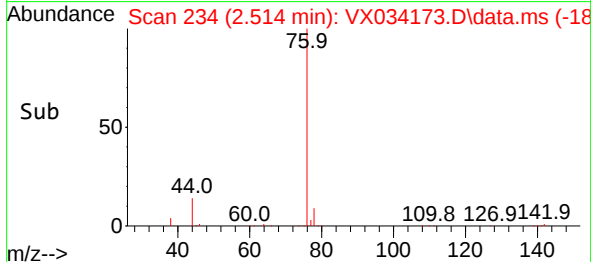
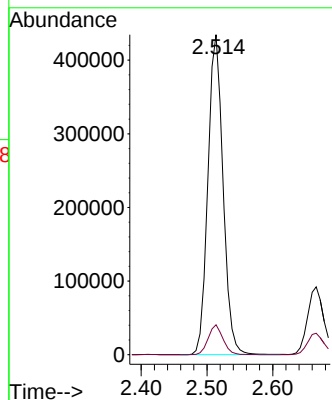
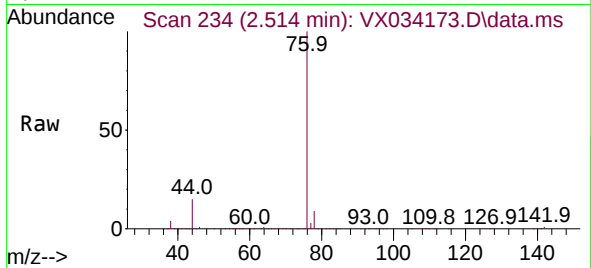
#17
Carbon Disulfide
Concen: 48.010 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 696090
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

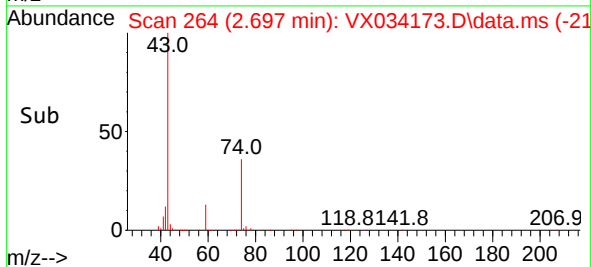
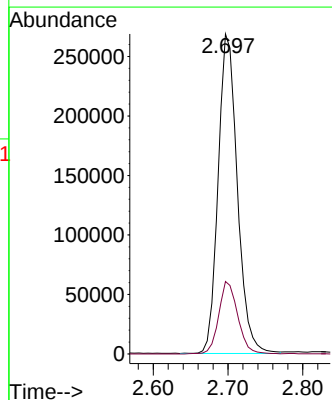
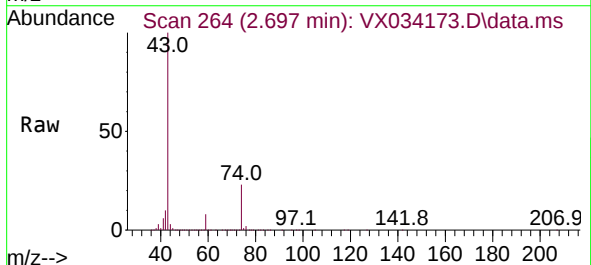
Manual Integrations
APPROVED

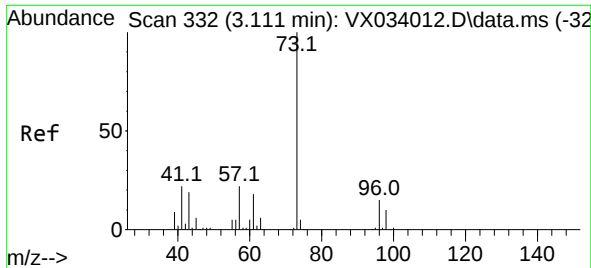
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#18
Methyl Acetate
Concen: 47.990 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

Tgt Ion: 43 Resp: 480987
Ion Ratio Lower Upper
43 100
74 22.5 18.2 27.4





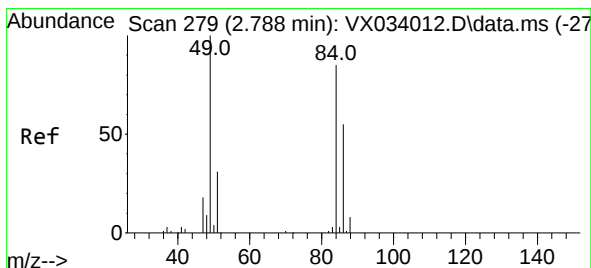
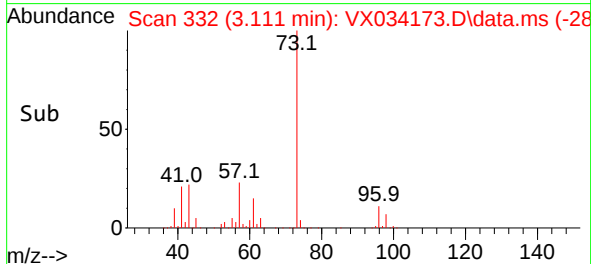
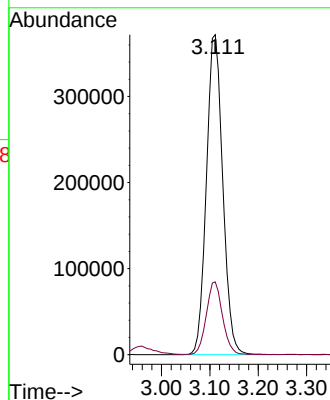
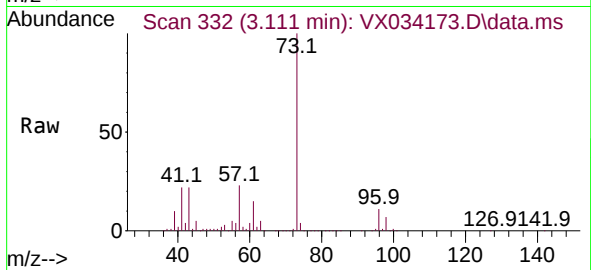
#19
Methyl tert-butyl Ether
Concen: 49.051 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 873036
Ion Ratio Lower Upper
73 100
57 22.7 17.4 26.0

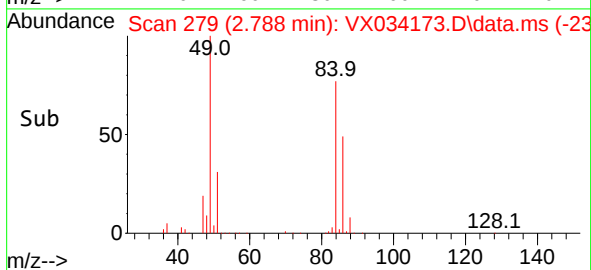
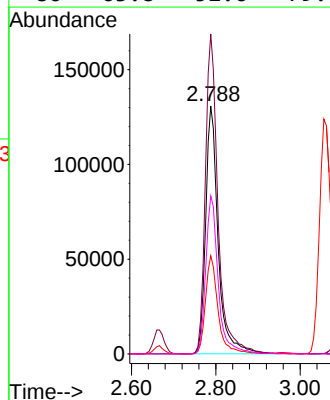
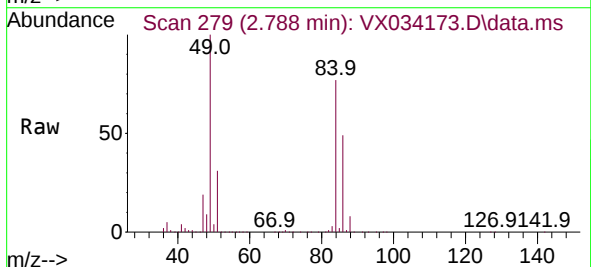
Manual Integrations
APPROVED

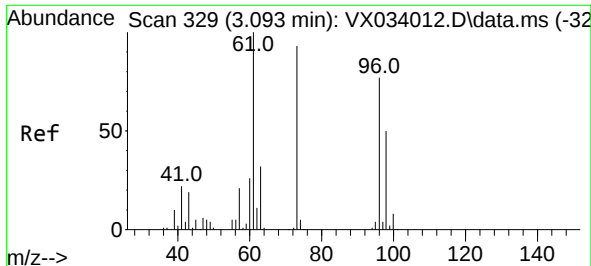
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#20
Methylene Chloride
Concen: 46.211 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

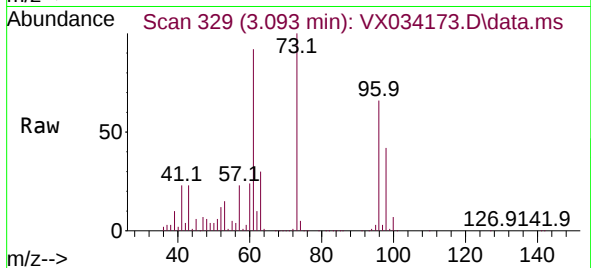
Tgt Ion: 84 Resp: 269703
Ion Ratio Lower Upper
84 100
49 129.1 101.1 151.7
51 39.6 31.0 46.6
86 63.8 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 49.157 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.006 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

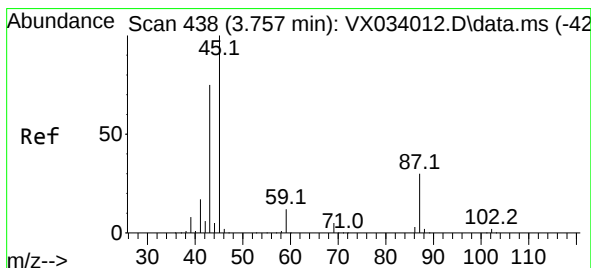
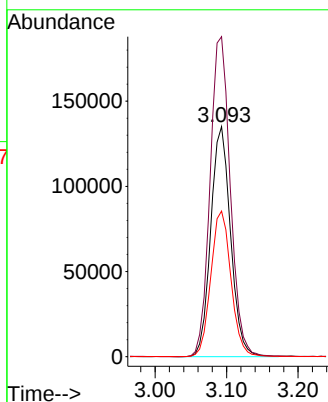
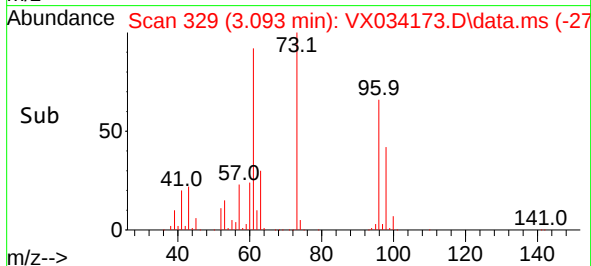
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



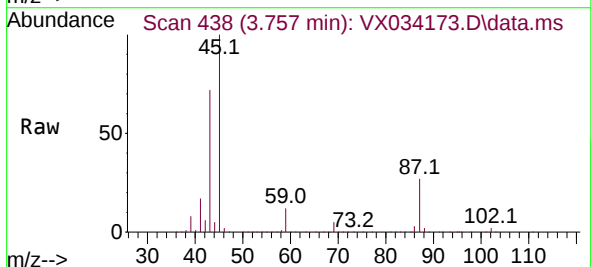
Tgt Ion: 96 Resp: 259758
Ion Ratio Lower Upper
96 100
61 139.1 106.7 160.1
98 63.3 50.0 75.0

Manual Integrations
APPROVED

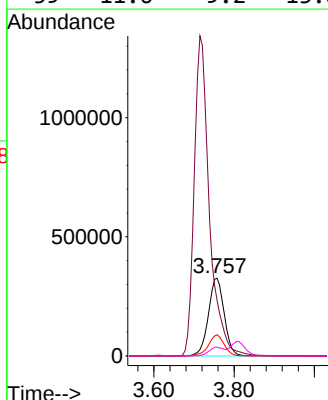
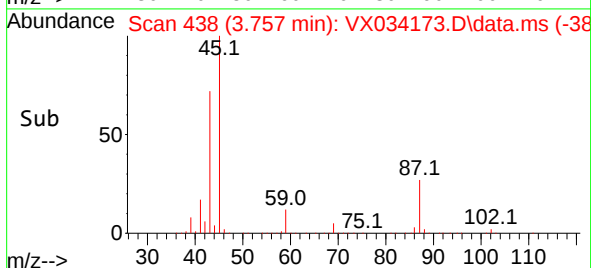
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

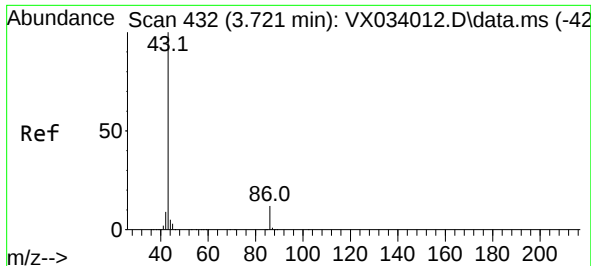


#22
Diisopropyl ether
Concen: 47.600 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53



Tgt Ion: 45 Resp: 892688
Ion Ratio Lower Upper
45 100
43 71.5 64.6 97.0
87 27.3 21.9 32.9
59 11.6 9.2 13.8





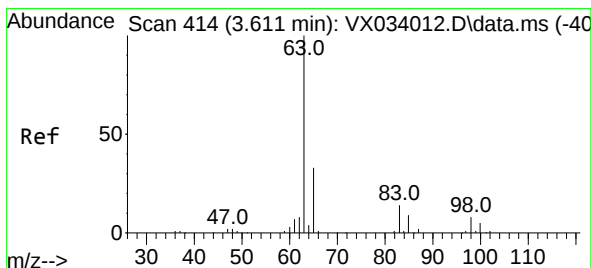
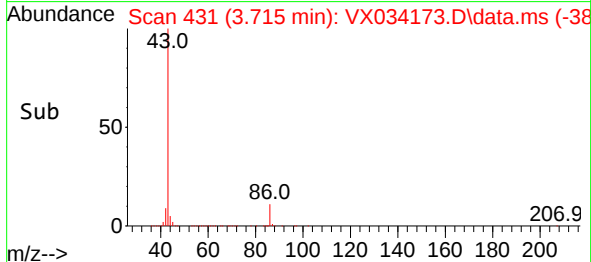
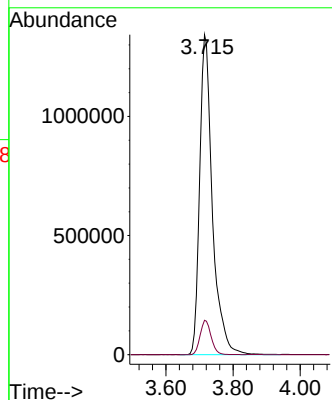
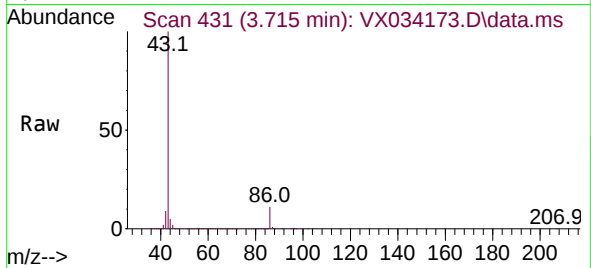
#23
 Vinyl Acetate
 Concen: 235.149 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX034173.D
 Acq: 20 Feb 2023 08:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 353321
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.4 12.6

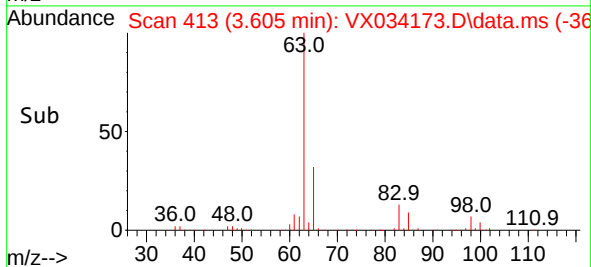
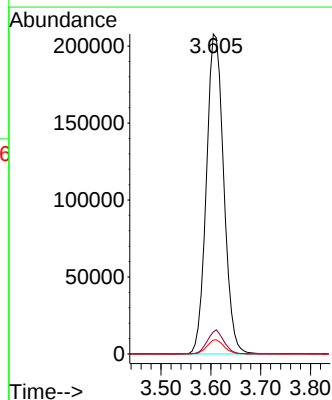
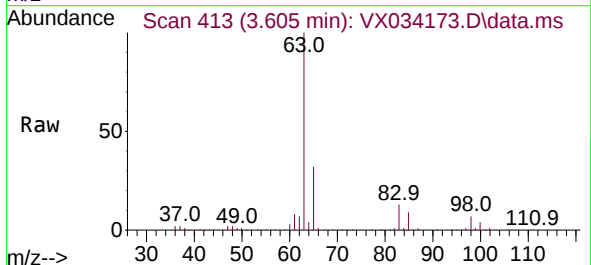
Manual Integrations
 APPROVED

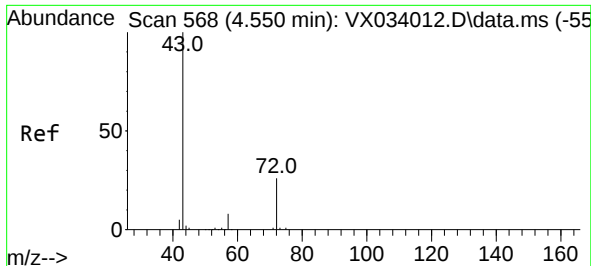
Reviewed By :John Carlone 02/21/2023
 Supervised By :Mahesh Dadoda 02/21/2023



#24
 1,1-Dichloroethane
 Concen: 48.755 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX034173.D
 Acq: 20 Feb 2023 08:53

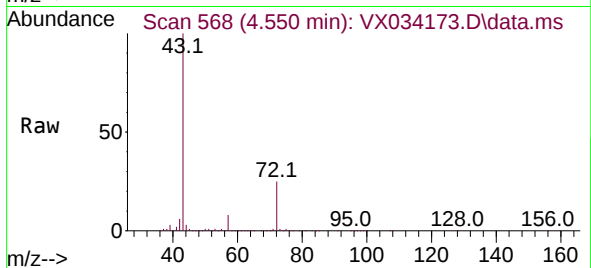
Tgt Ion: 63 Resp: 501959
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.2
 100 4.4 2.4 7.2





#25
2-Butanone
Concen: 245.728 ug/l
RT: 4.550 min Scan# 506
Delta R.T. 0.006 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

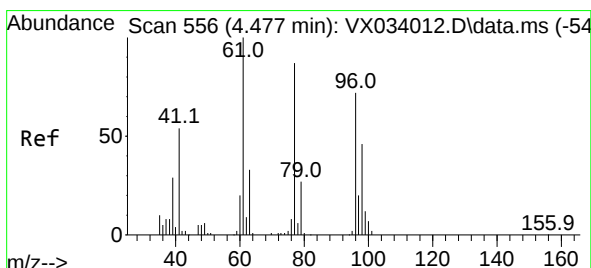
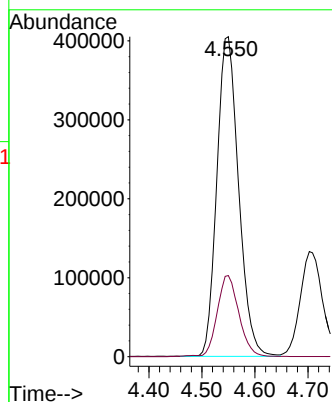
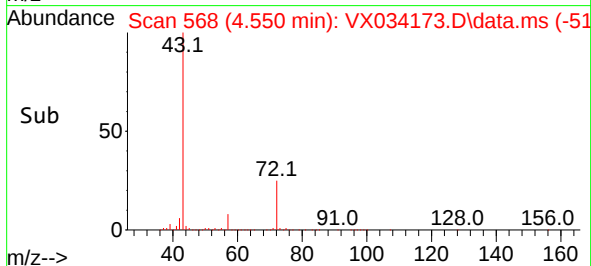
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



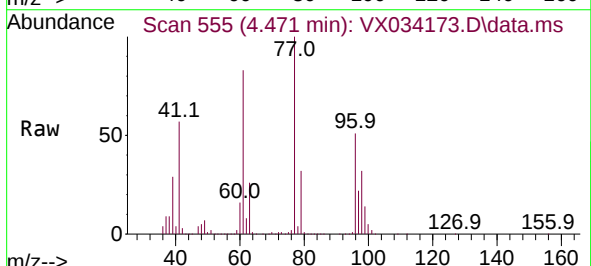
Tgt Ion: 43 Resp: 115166
Ion Ratio Lower Upper
43 100
72 25.3 19.4 29.2

Manual Integrations
APPROVED

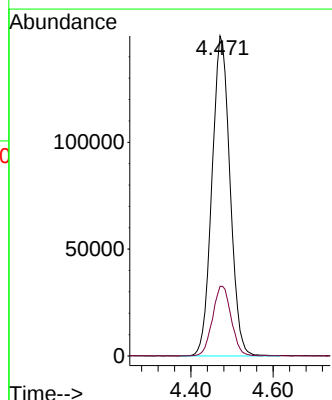
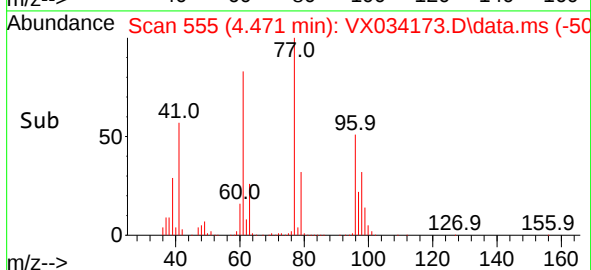
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

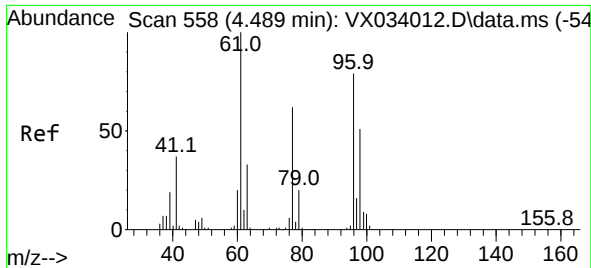


#26
2,2-Dichloropropane
Concen: 48.860 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53



Tgt Ion: 77 Resp: 455704
Ion Ratio Lower Upper
77 100
97 22.6 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 48.317 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX034173.D

Acq: 20 Feb 2023 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 30234

Ion Ratio Lower Upper

96 100

61 151.1 0.0 277.6

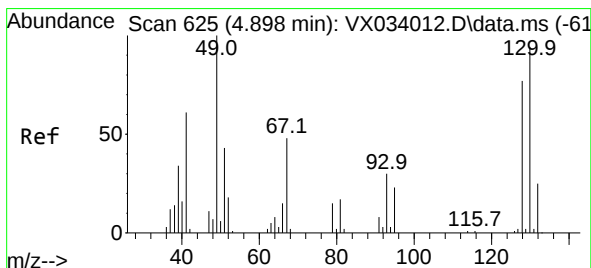
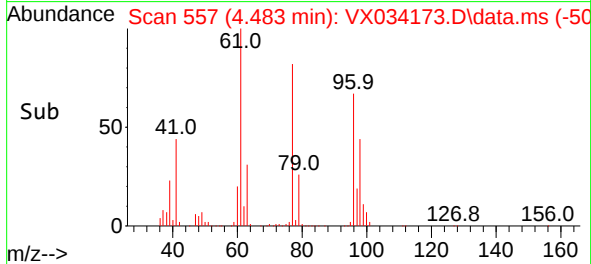
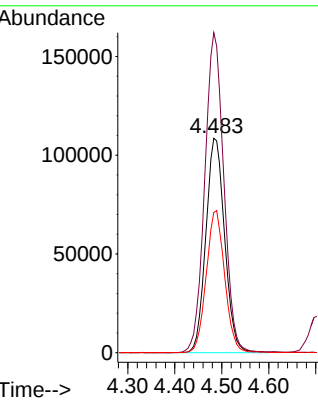
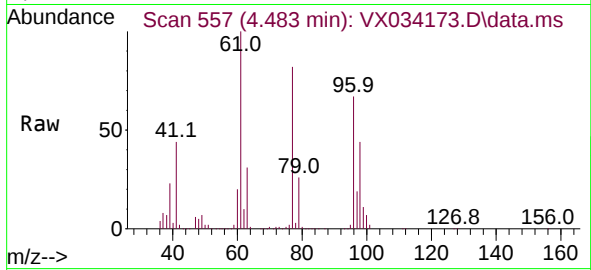
98 65.2 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#28

Bromochloromethane

Concen: 48.787 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX034173.D

Acq: 20 Feb 2023 08:53

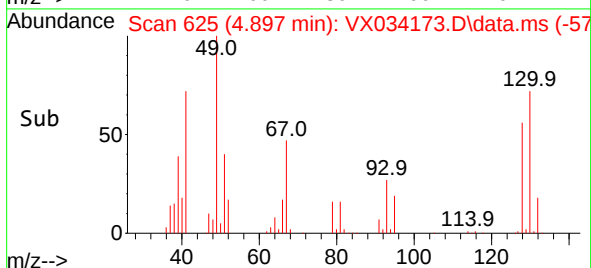
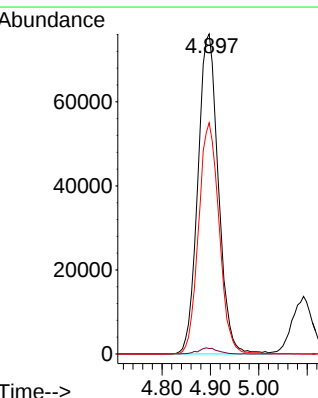
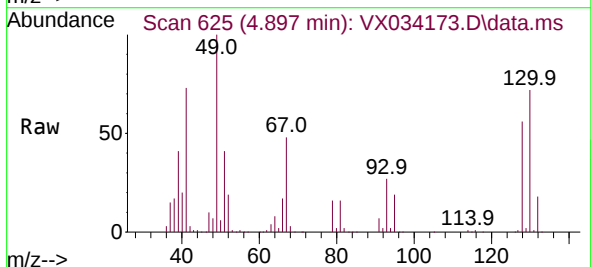
Tgt Ion: 49 Resp: 224066

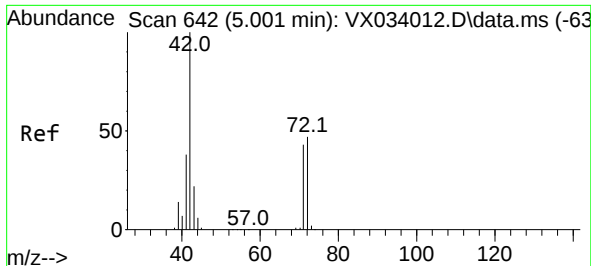
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.6

130 72.2 68.5 102.7





#29

Tetrahydrofuran

Concen: 218.838 ug/l

RT: 4.995 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX034173.D

Acq: 20 Feb 2023 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 62568

Ion Ratio Lower Upper

42 100

72 43.5 34.8 52.2

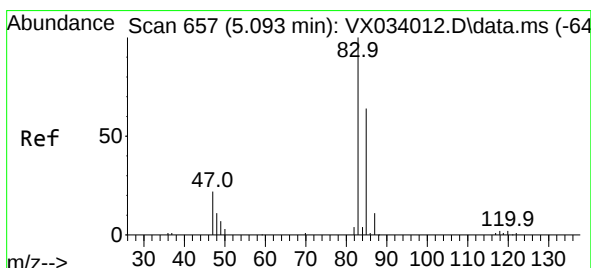
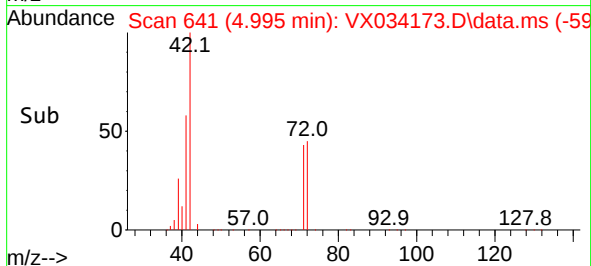
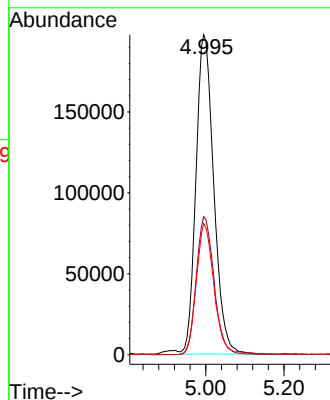
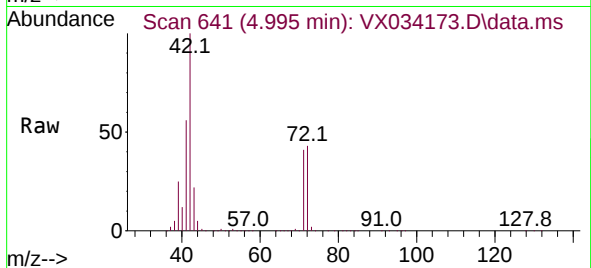
71 40.1 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#30

Chloroform

Concen: 48.805 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX034173.D

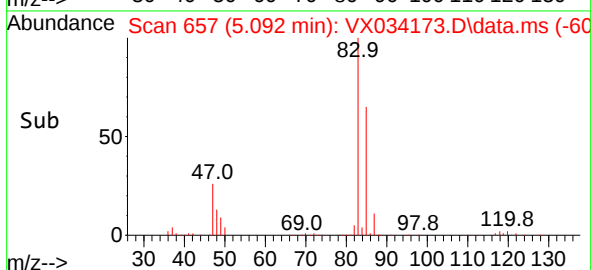
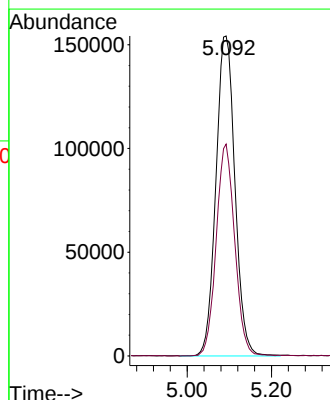
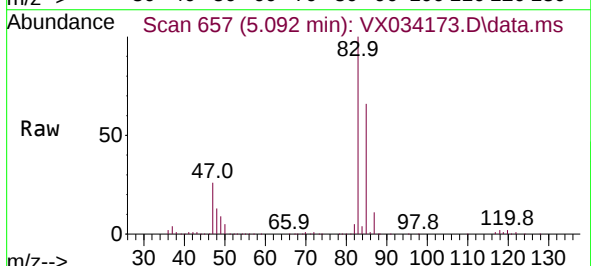
Acq: 20 Feb 2023 08:53

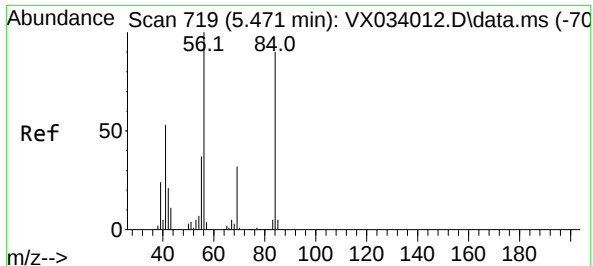
Tgt Ion: 83 Resp: 482492

Ion Ratio Lower Upper

83 100

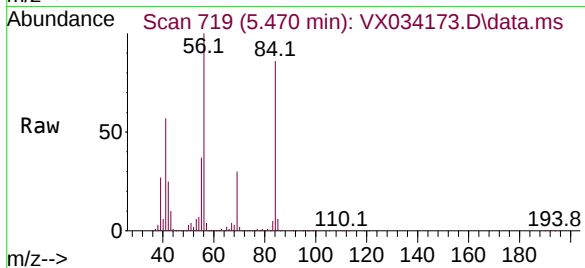
85 66.2 52.1 78.1





#31
Cyclohexane
Concen: 47.259 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

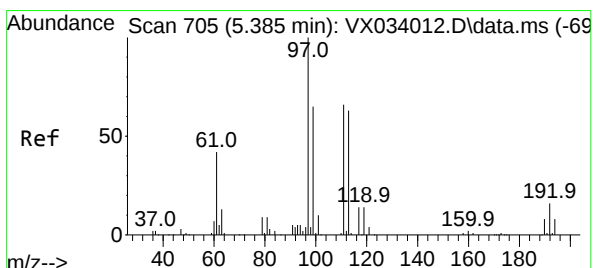
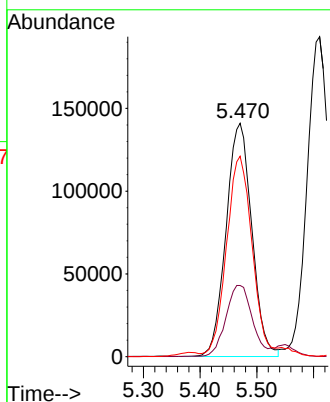
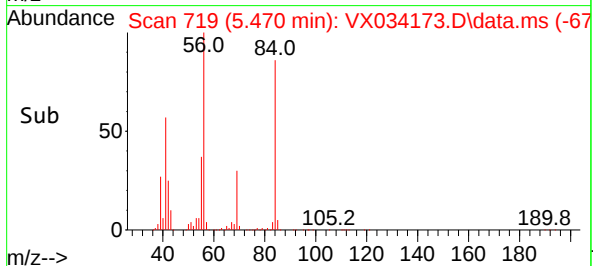
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



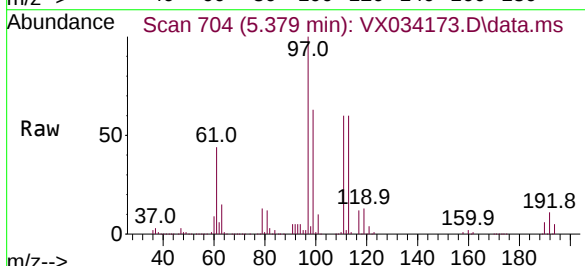
Tgt Ion: 56 Resp: 44304
Ion Ratio Lower Upper
56 100
69 30.4 24.6 37.0
84 84.9 71.0 106.6

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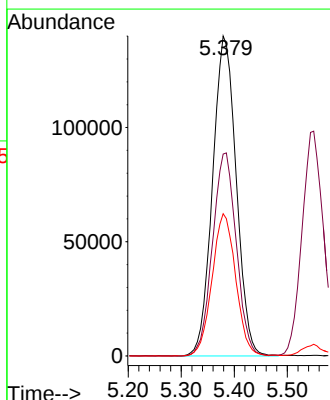
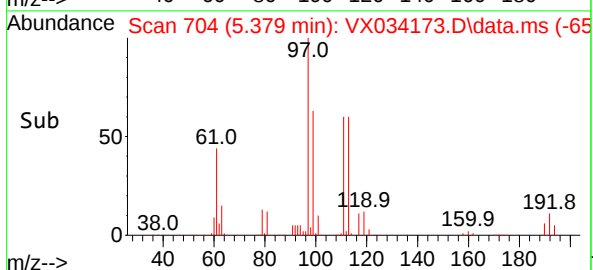
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

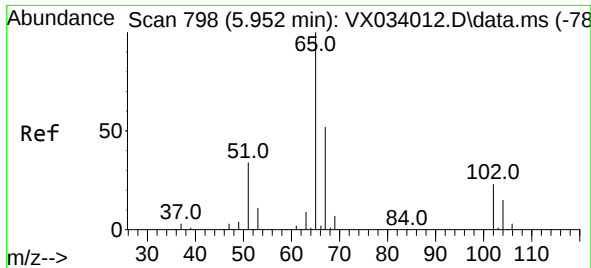


#32
1,1,1-Trichloroethane
Concen: 49.031 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53



Tgt Ion: 97 Resp: 434529
Ion Ratio Lower Upper
97 100
99 63.8 52.3 78.5
61 44.4 35.2 52.8





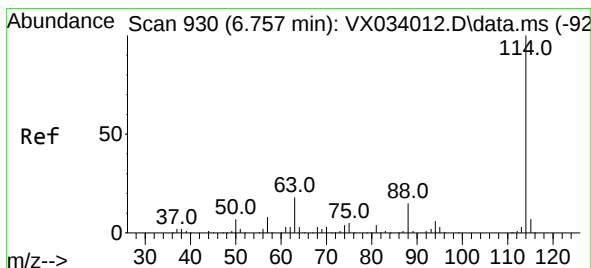
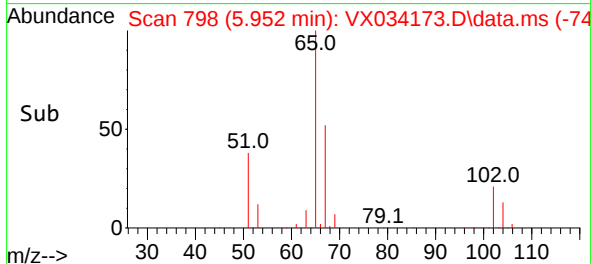
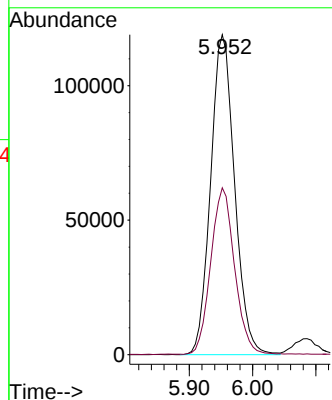
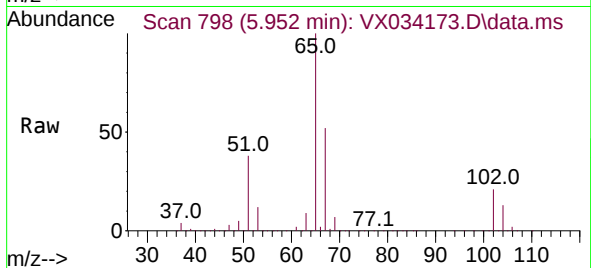
#33
 1,2-Dichloroethane-d4
 Concen: 49.891 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX034173.D
 Acq: 20 Feb 2023 08:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 313275
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.8

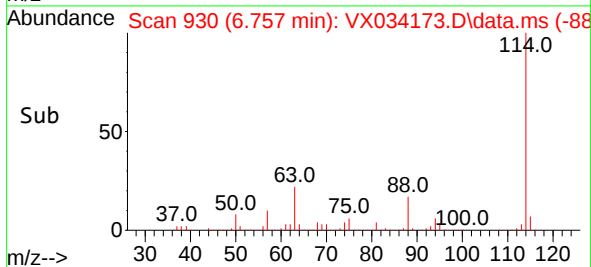
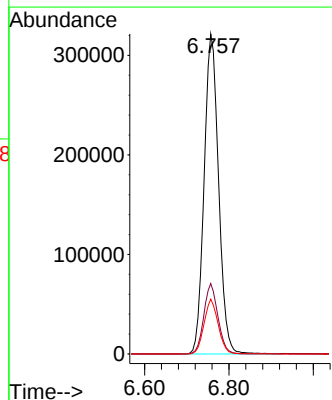
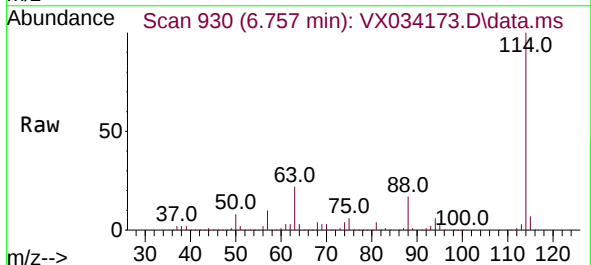
Manual Integrations
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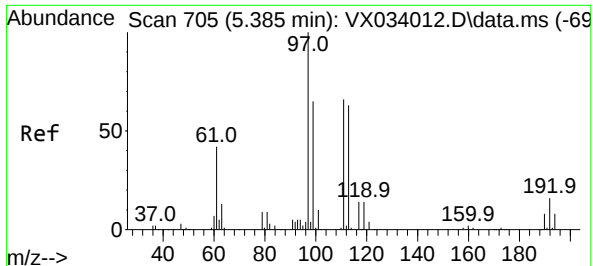
Reviewed By :John Carlone 02/21/2023
 Supervised By :Mahesh Dadoda 02/21/2023



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX034173.D
 Acq: 20 Feb 2023 08:53

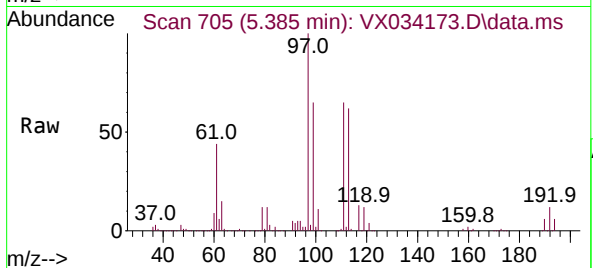
Tgt Ion:114 Resp: 767731
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 37.4
 88 17.2 0.0 30.6





#35
Dibromofluoromethane
Concen: 49.898 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

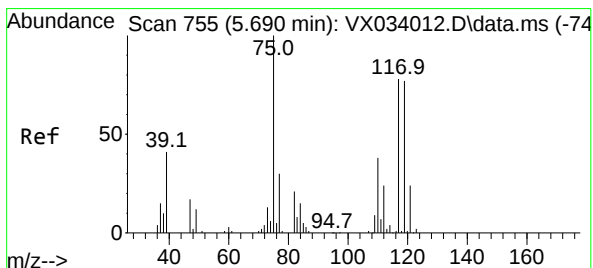
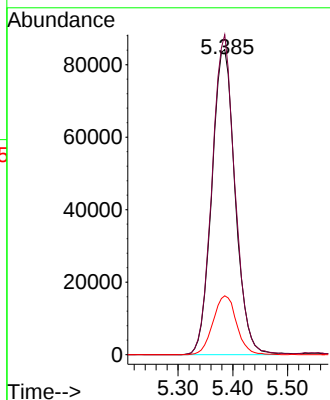
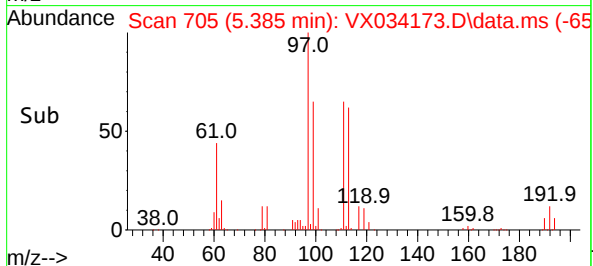
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 24942
Ion Ratio Lower Upper
113 100
111 102.6 83.0 124.6
192 19.5 19.0 28.4

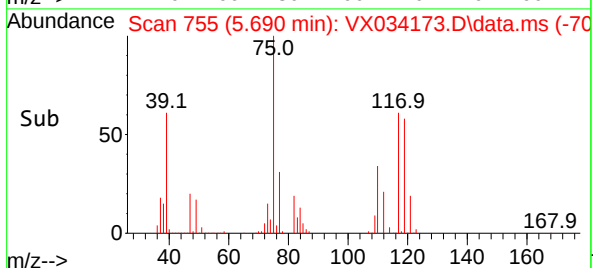
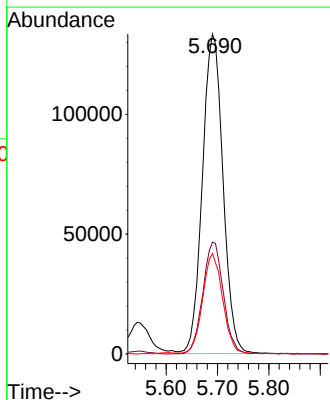
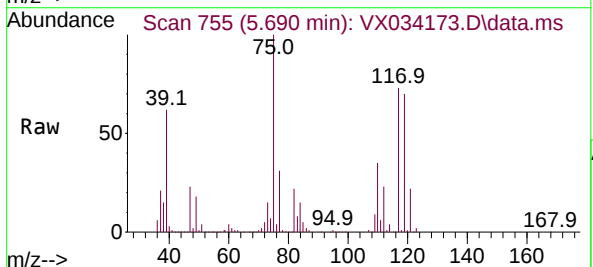
Manual Integrations
APPROVED

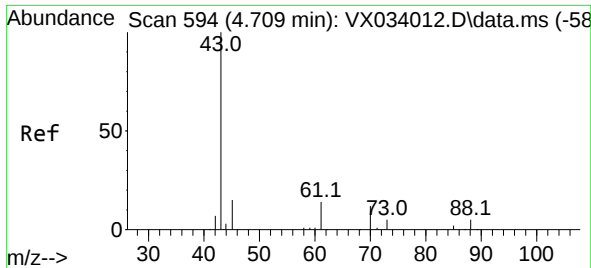
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#36
1,1-Dichloropropene
Concen: 50.204 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

Tgt Ion: 75 Resp: 371134
Ion Ratio Lower Upper
75 100
110 35.0 18.8 56.4
77 30.2 25.1 37.7





#37

Ethyl Acetate

Concen: 47.839 ug/l

RT: 4.702 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX034173.D

Acq: 20 Feb 2023 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 395239

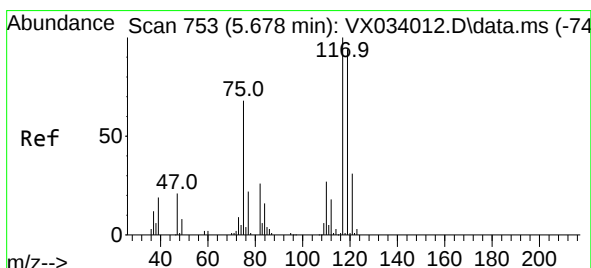
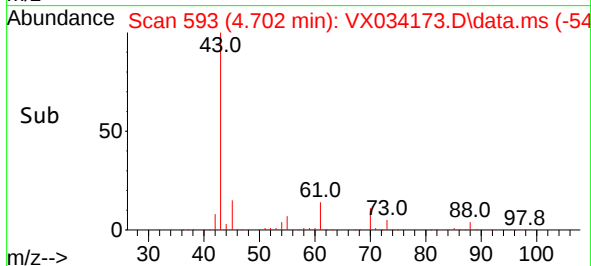
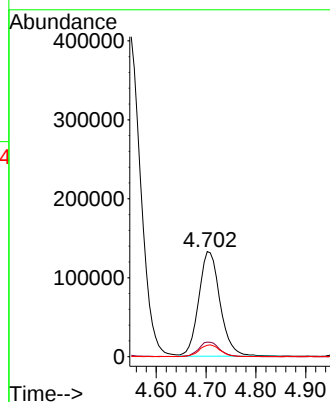
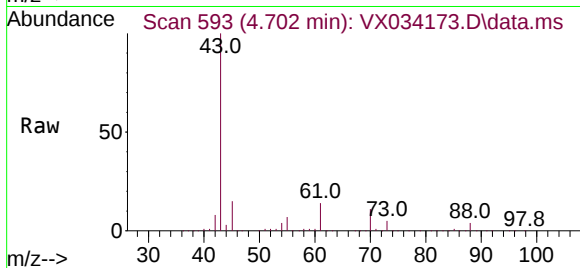
Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.1	16.7
70	10.9	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#38

Carbon Tetrachloride

Concen: 50.729 ug/l

RT: 5.672 min Scan# 752

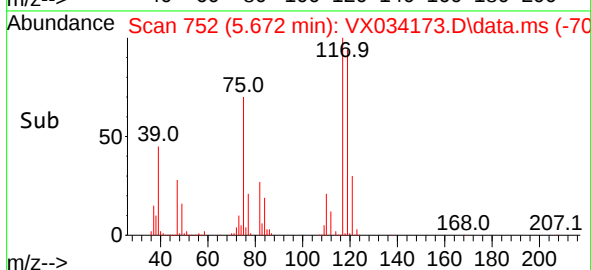
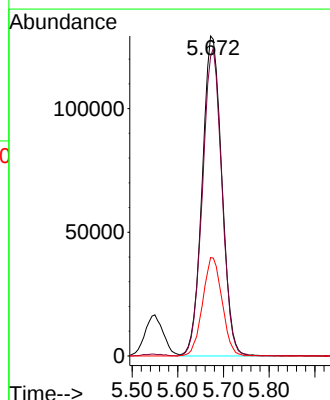
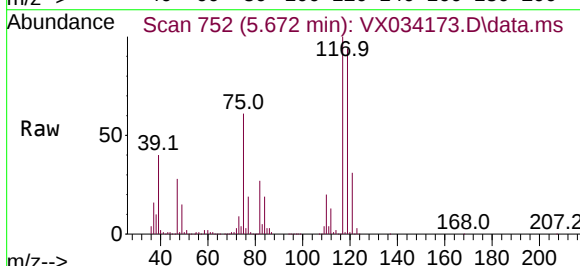
Delta R.T. 0.000 min

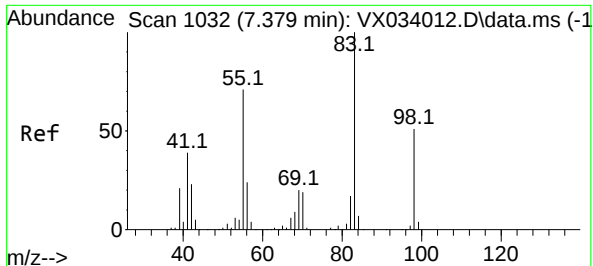
Lab File: VX034173.D

Acq: 20 Feb 2023 08:53

Tgt Ion:117 Resp: 385899

Ion	Ratio	Lower	Upper
117	100		
119	93.5	78.0	117.0
121	30.7	24.4	36.6





#39

Methylcyclohexane

Concen: 48.613 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034173.D

Acq: 20 Feb 2023 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 46247

Ion Ratio Lower Upper

83 100

55 81.3 61.8 92.6

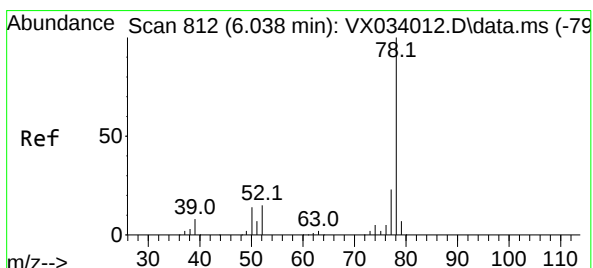
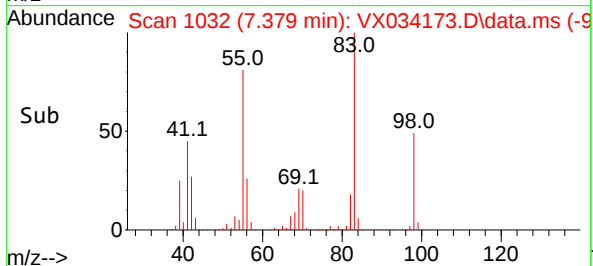
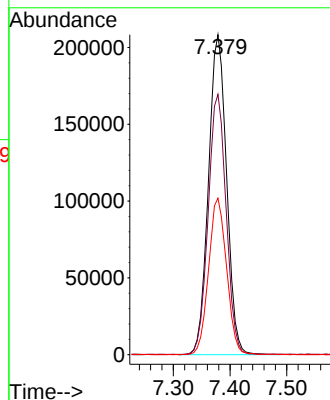
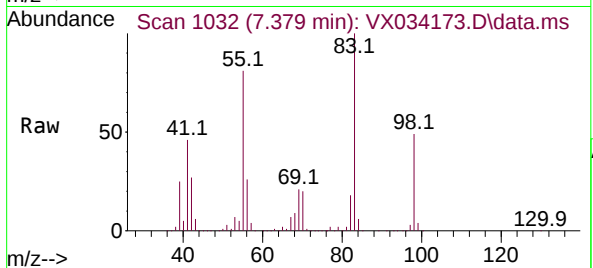
98 48.9 39.3 58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#40

Benzene

Concen: 48.401 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX034173.D

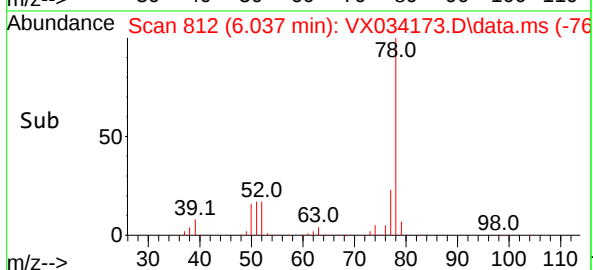
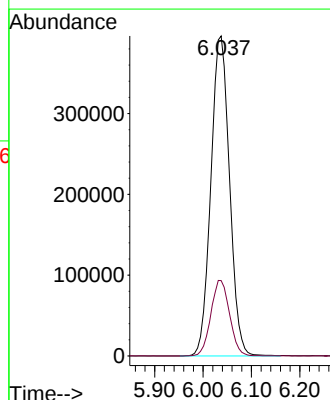
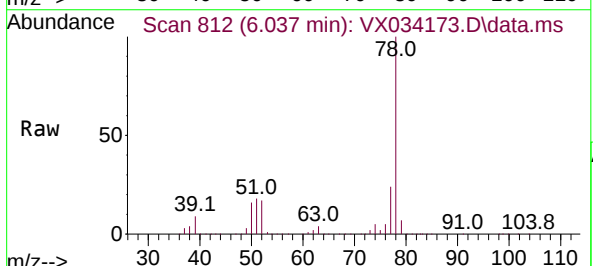
Acq: 20 Feb 2023 08:53

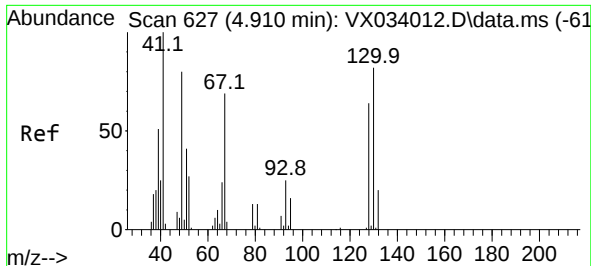
Tgt Ion: 78 Resp: 1060349

Ion Ratio Lower Upper

78 100

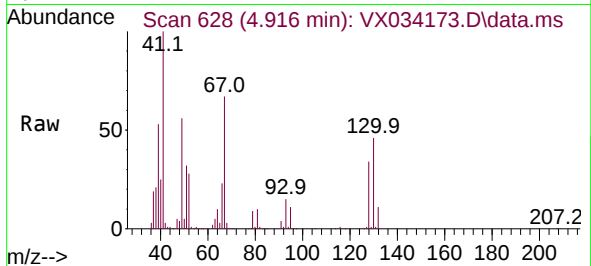
77 23.5 19.0 28.4





#41
Methacrylonitrile
Concen: 48.043 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

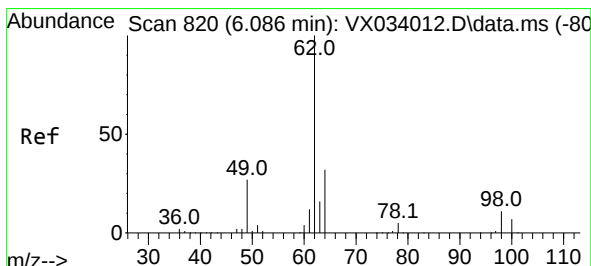
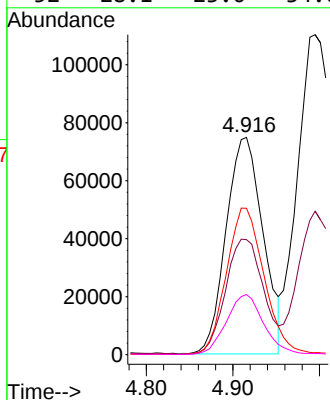
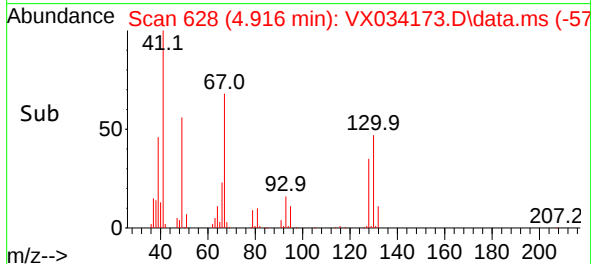
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 22114
Ion Ratio Lower Upper
41 100
39 54.5 43.8 65.6
67 69.4 54.8 82.2
52 28.1 23.0 34.6

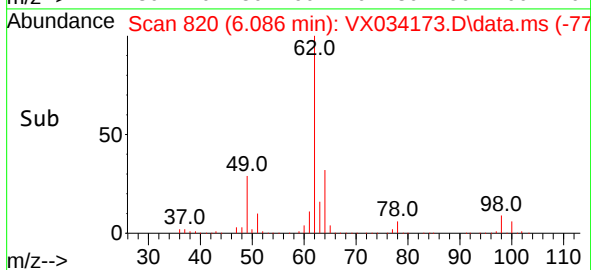
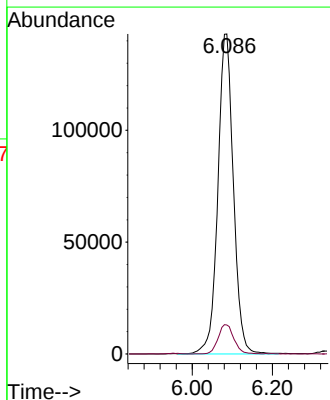
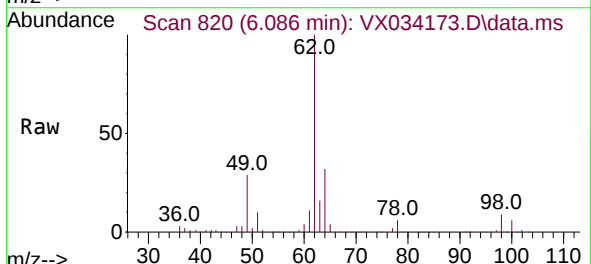
Manual Integrations
APPROVED

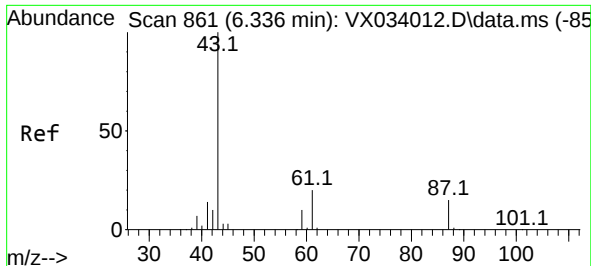
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#42
1,2-Dichloroethane
Concen: 49.876 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

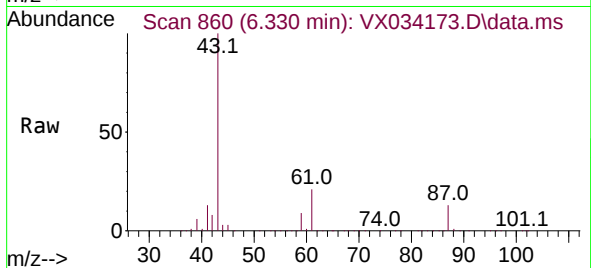
Tgt Ion: 62 Resp: 384295
Ion Ratio Lower Upper
62 100
98 9.4 0.0 20.2





#43
Isopropyl Acetate
Concen: 46.903 ug/l
RT: 6.330 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

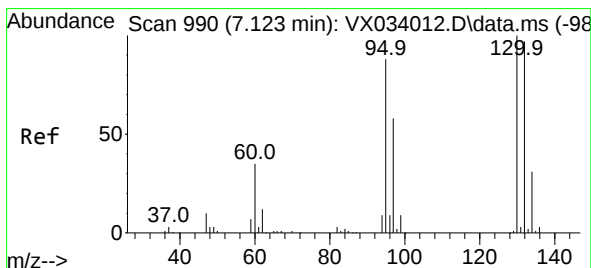
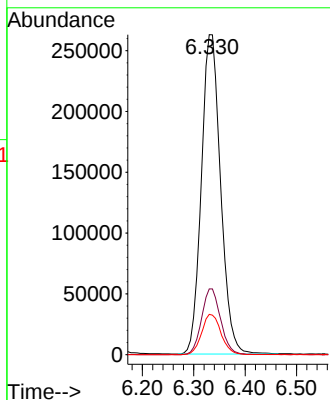
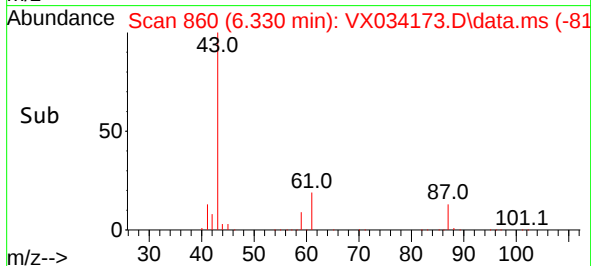
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 683824
Ion Ratio Lower Upper
43 100
61 20.4 15.7 23.5
87 12.7 10.6 15.8

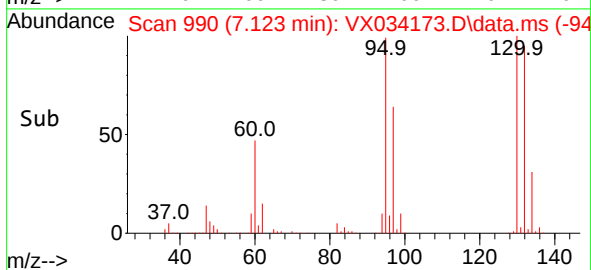
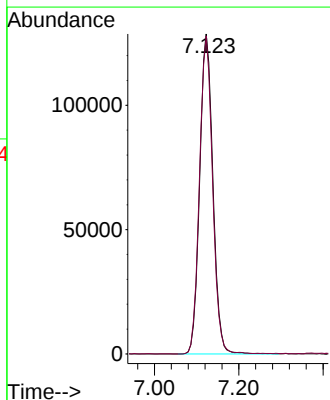
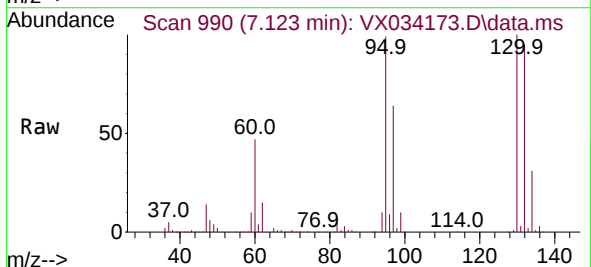
Manual Integrations
APPROVED

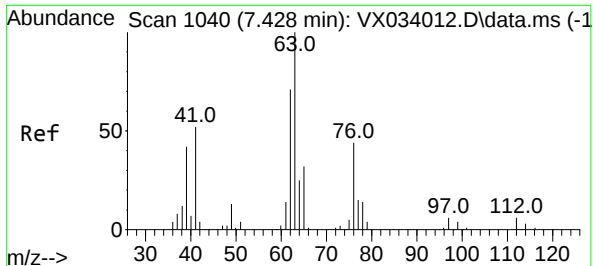
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#44
Trichloroethene
Concen: 49.965 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

Tgt Ion:130 Resp: 280900
Ion Ratio Lower Upper
130 100
95 99.4 0.0 182.6





#45

1,2-Dichloropropane

Concen: 48.969 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034173.D

Acq: 20 Feb 2023 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 285584

Ion Ratio Lower Upper

63 100

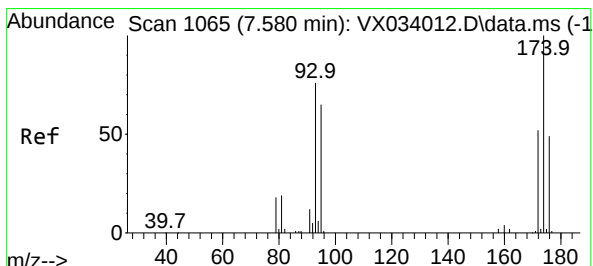
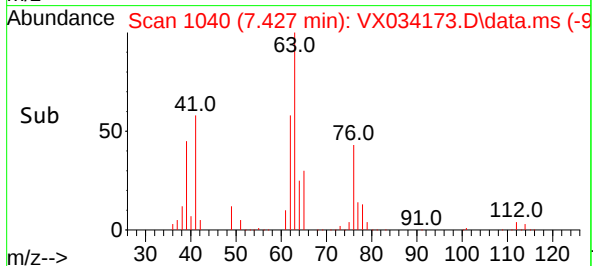
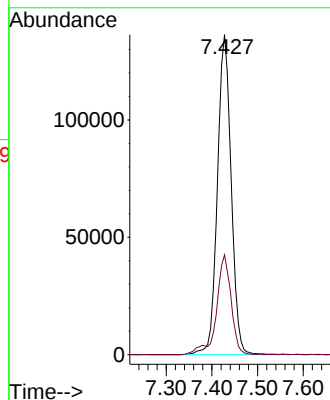
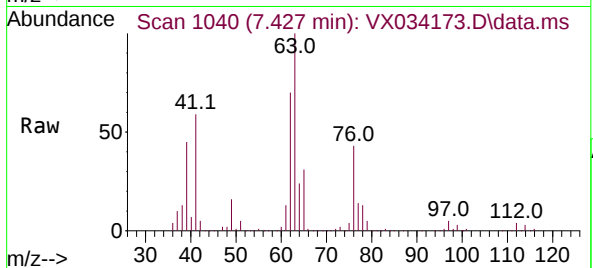
65 31.2 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#46

Dibromomethane

Concen: 49.308 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX034173.D

Acq: 20 Feb 2023 08:53

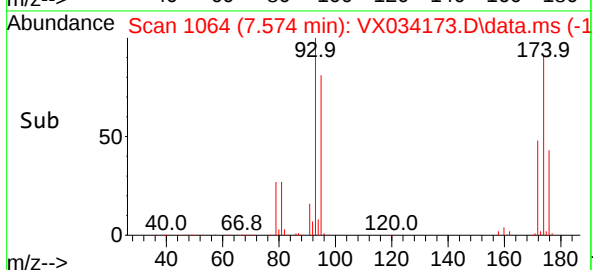
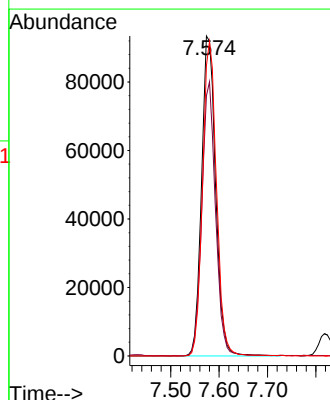
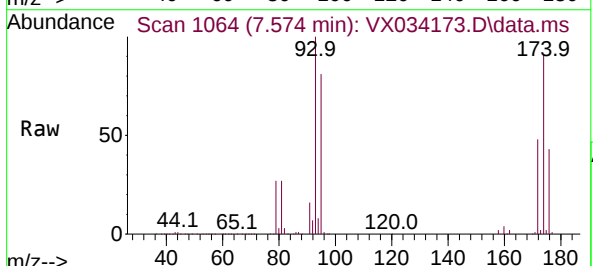
Tgt Ion: 93 Resp: 189250

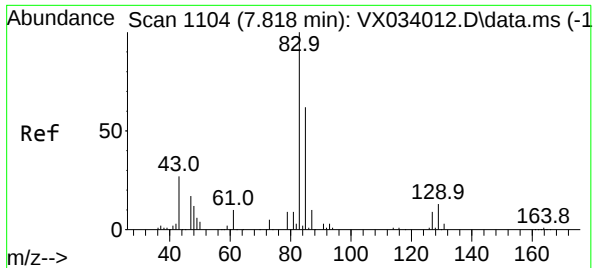
Ion Ratio Lower Upper

93 100

95 82.9 67.6 101.4

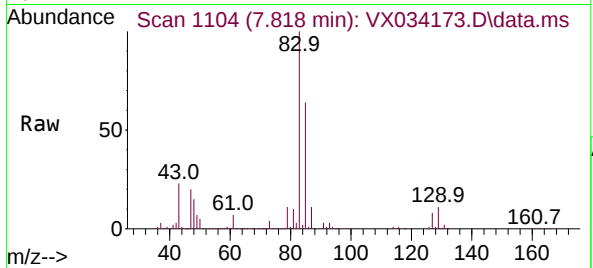
174 97.3 97.4 146.0#





#47
Bromodichloromethane
Concen: 50.298 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

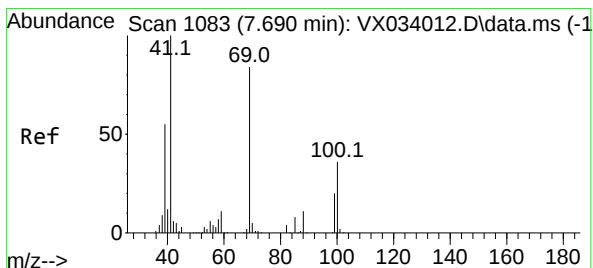
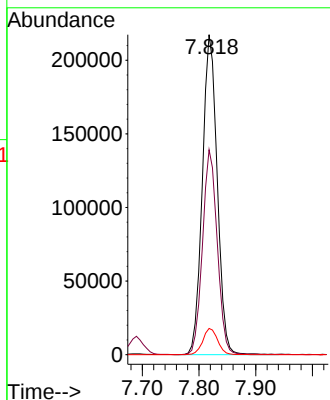
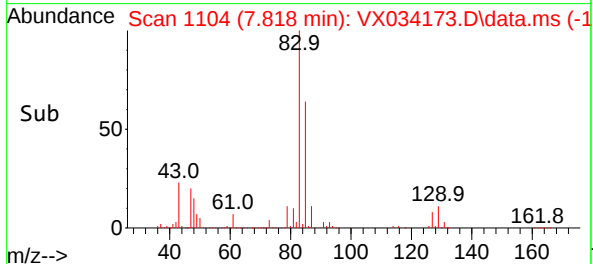
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



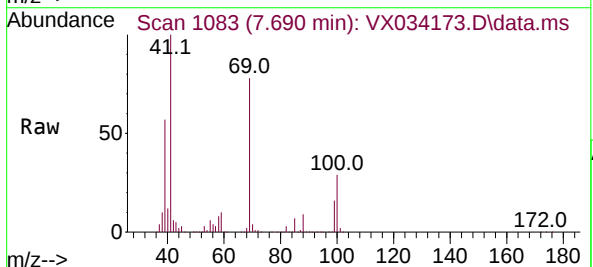
Tgt Ion: 83 Resp: 396180
Ion Ratio Lower Upper
83 100
85 64.0 49.8 74.6
127 8.2 7.0 10.4

Manual Integrations
APPROVED

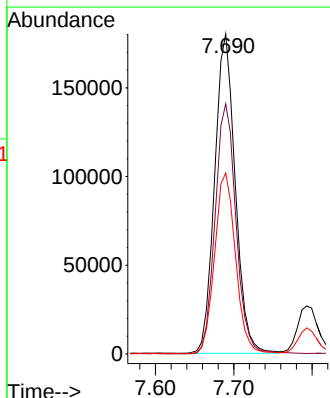
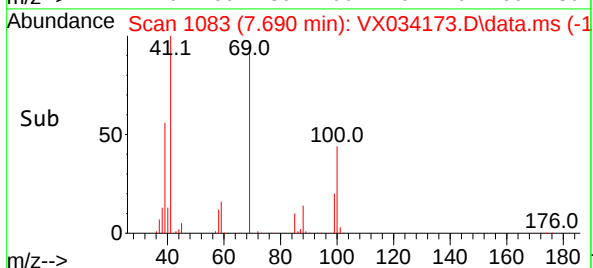
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

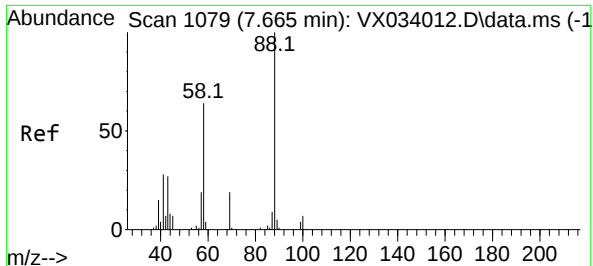


#48
Methyl methacrylate
Concen: 47.591 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53



Tgt Ion: 41 Resp: 329323
Ion Ratio Lower Upper
41 100
69 79.6 63.1 94.7
39 57.6 43.2 64.8





#49

1,4-Dioxane

Concen: 838.406 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. 0.012 min

Lab File: VX034173.D

Acq: 20 Feb 2023 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

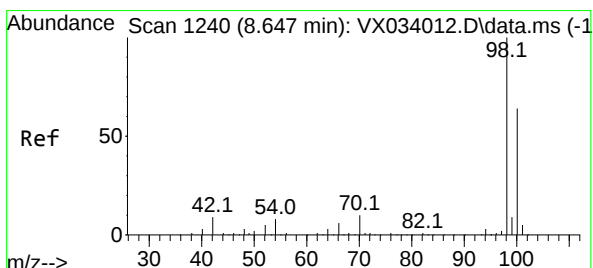
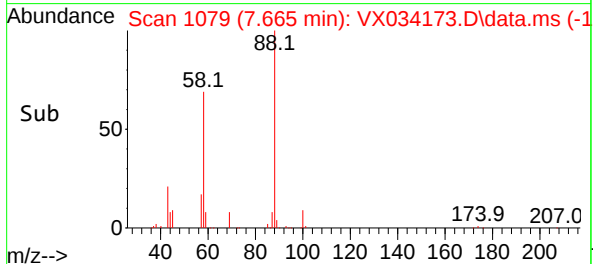
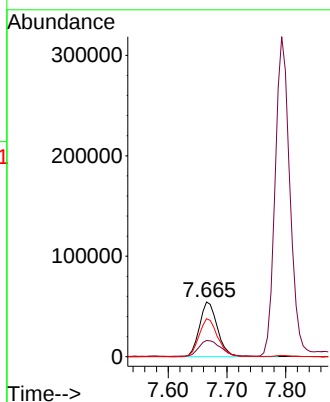
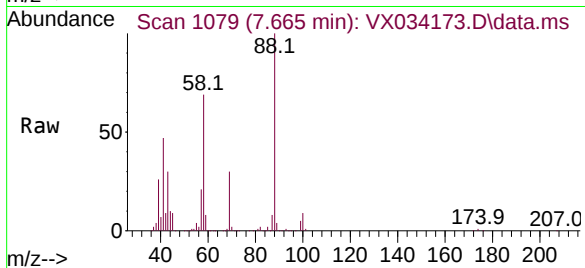
Tgt Ion: 88 Resp: 115720
 Ion Ratio Lower Upper
 88 100
 43 35.7 0.0 0.0
 58 71.9 56.5 84.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#50

Toluene-d8

Concen: 49.746 ug/l

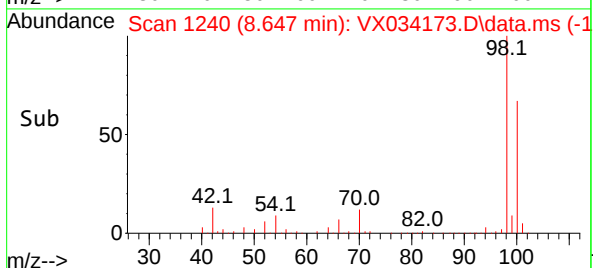
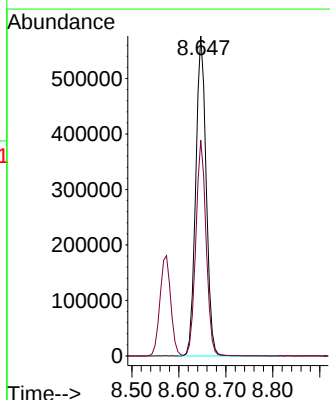
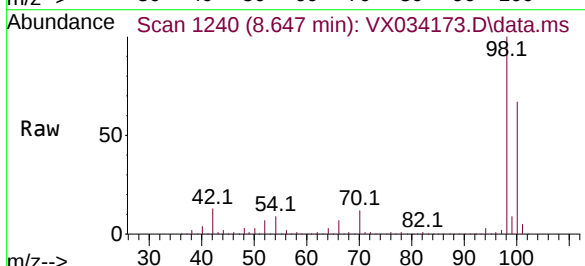
RT: 8.647 min Scan# 1240

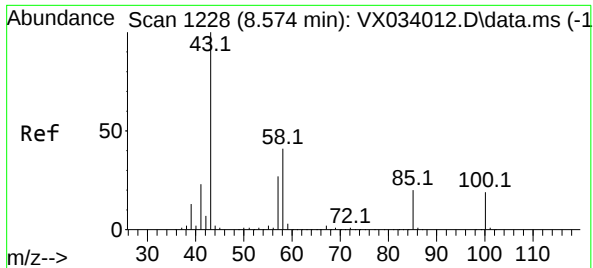
Delta R.T. 0.000 min

Lab File: VX034173.D

Acq: 20 Feb 2023 08:53

Tgt Ion: 98 Resp: 892794
 Ion Ratio Lower Upper
 98 100
 100 66.4 53.6 80.4





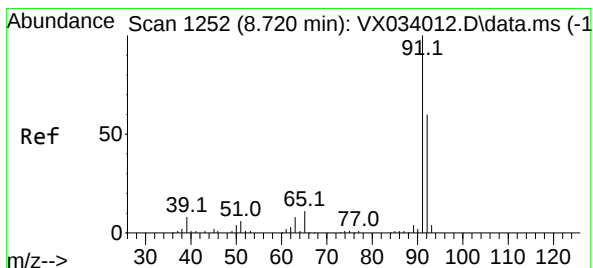
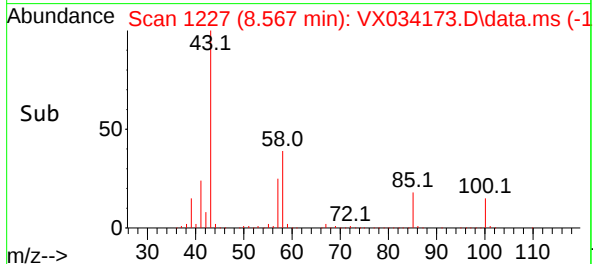
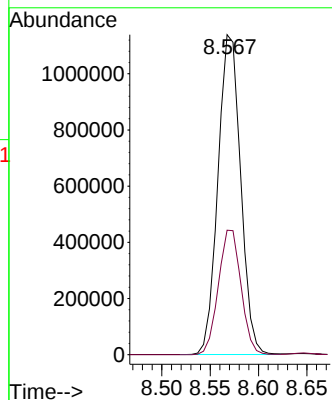
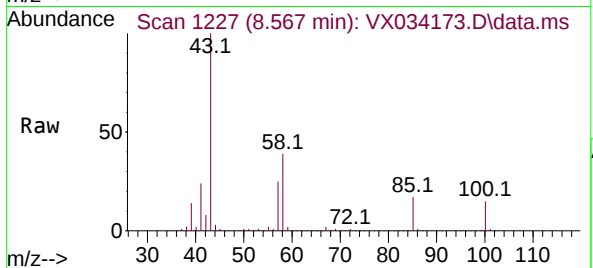
#51
4-Methyl-2-Pentanone
Concen: 231.300 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1855330
Ion Ratio Lower Upper
43 100
58 38.9 31.2 46.8

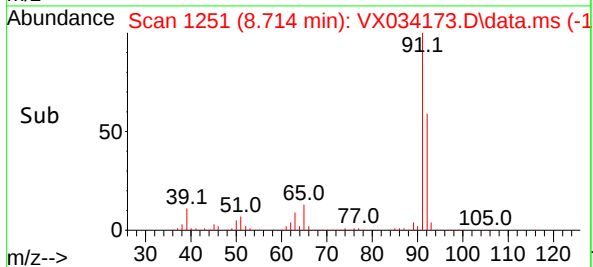
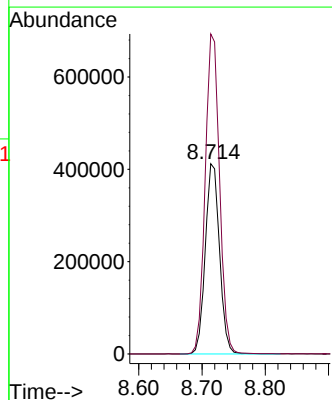
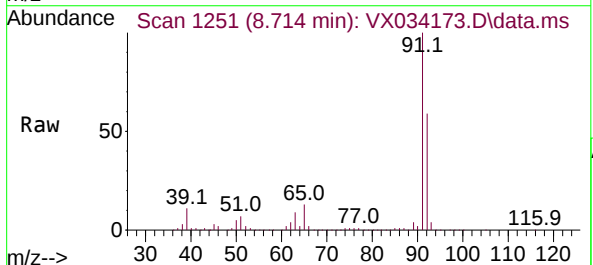
Manual Integrations
APPROVED

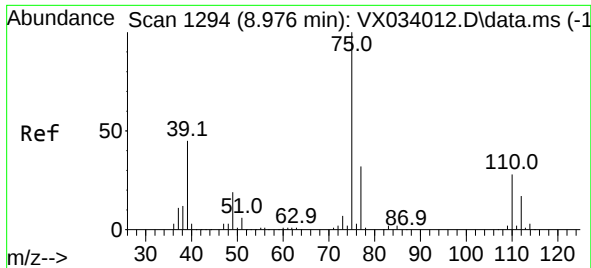
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#52
Toluene
Concen: 48.656 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

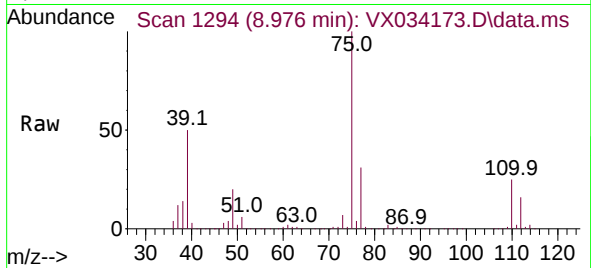
Tgt Ion: 92 Resp: 645886
Ion Ratio Lower Upper
92 100
91 169.4 135.5 203.3





#53
t-1,3-Dichloropropene
Concen: 49.678 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

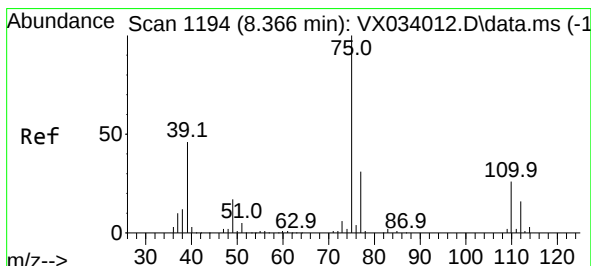
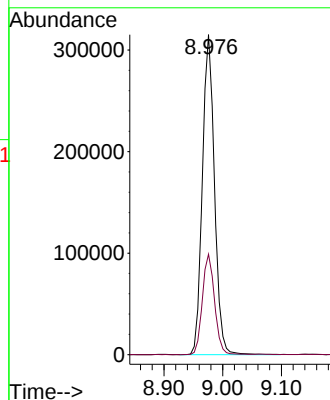
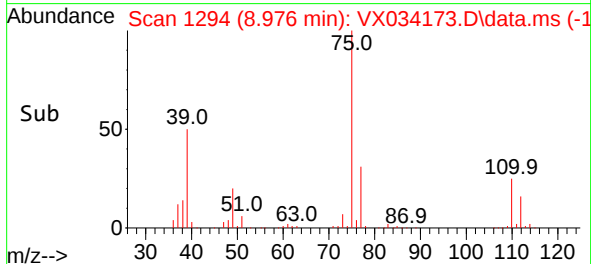
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



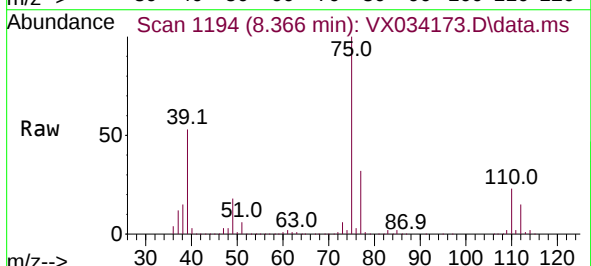
Tgt Ion: 75 Resp: 450414
Ion Ratio Lower Upper
75 100
77 31.4 25.5 38.3

Manual Integrations
APPROVED

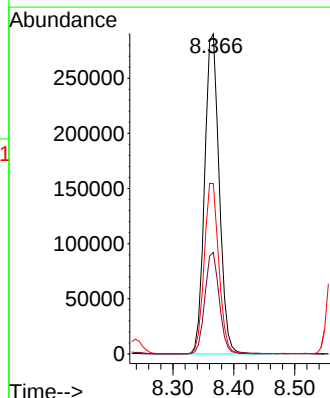
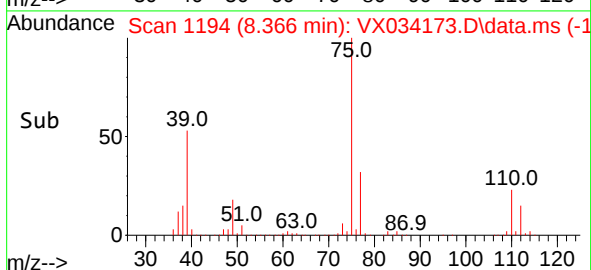
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

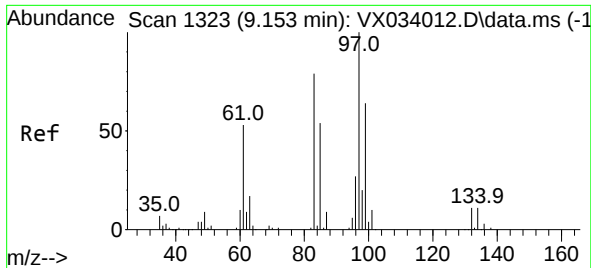


#54
cis-1,3-Dichloropropene
Concen: 49.767 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53



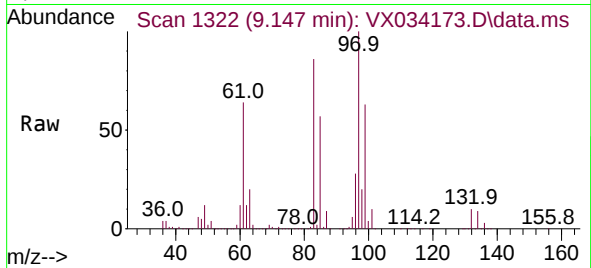
Tgt Ion: 75 Resp: 483056
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.6
39 53.2 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 49.052 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.006 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

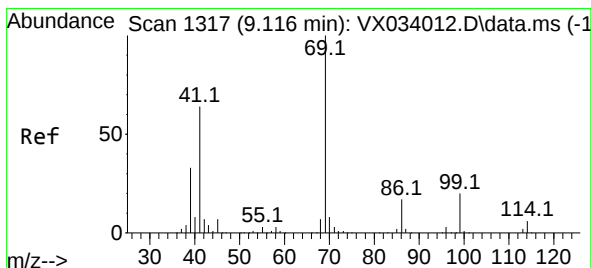
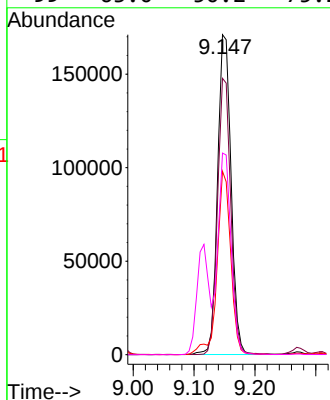
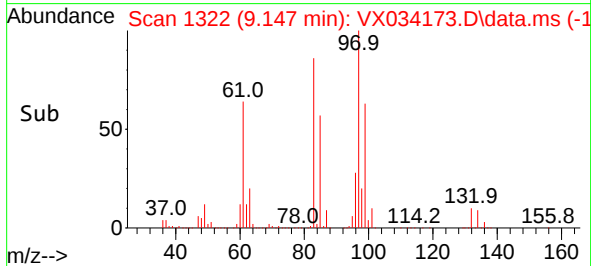
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



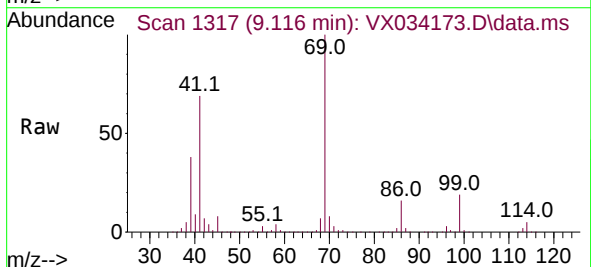
Tgt Ion: 97 Resp: 26282
Ion Ratio Lower Upper
97 100
83 86.3 67.4 101.0
85 57.3 43.2 64.8
99 63.0 50.2 75.2

Manual Integrations
APPROVED

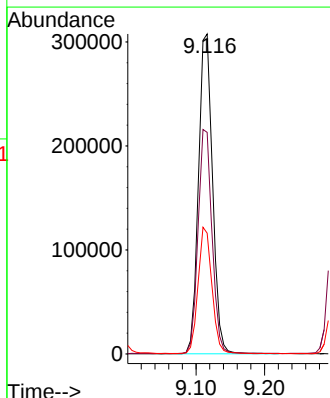
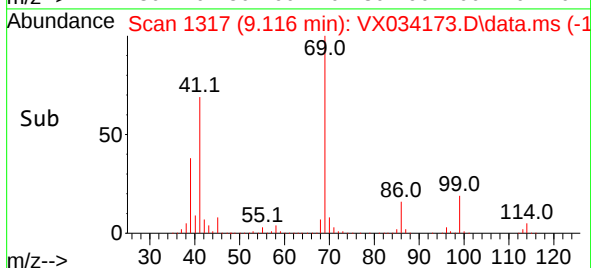
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

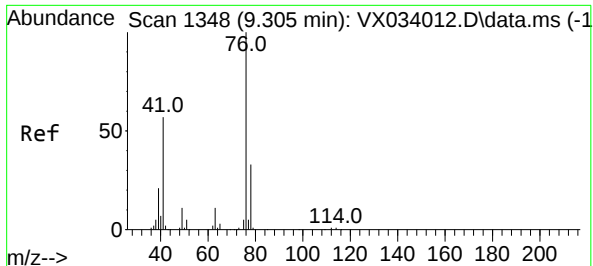


#56
Ethyl methacrylate
Concen: 48.585 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53



Tgt Ion: 69 Resp: 440386
Ion Ratio Lower Upper
69 100
41 69.7 55.1 82.7
39 38.8 28.5 42.7





#57

1,3-Dichloropropane

Concen: 49.325 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034173.D

Acq: 20 Feb 2023 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 459818

Ion Ratio Lower Upper

76 100

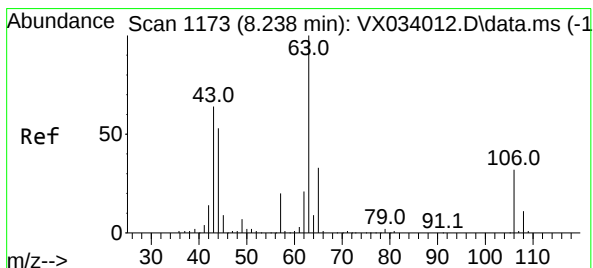
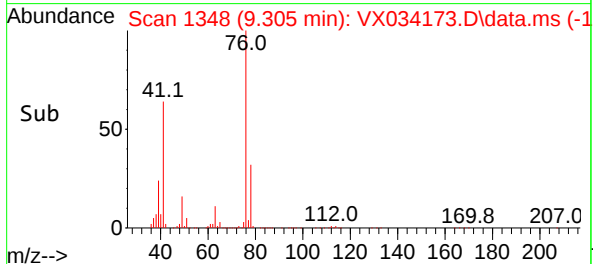
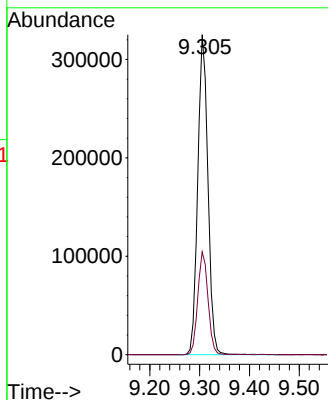
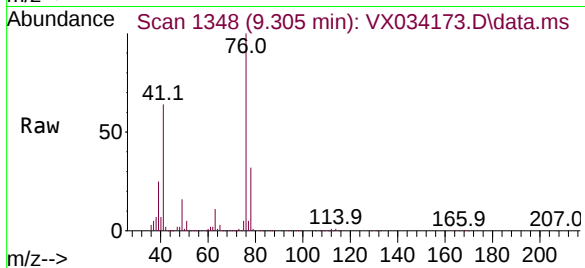
78 32.4 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#58

2-Chloroethyl Vinyl ether

Concen: 238.202 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX034173.D

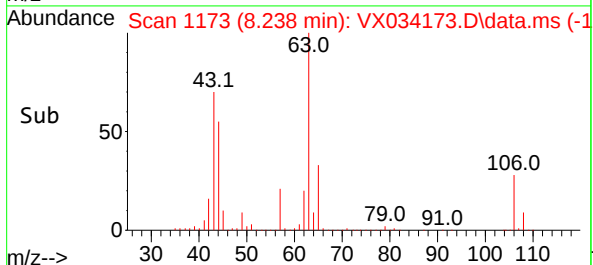
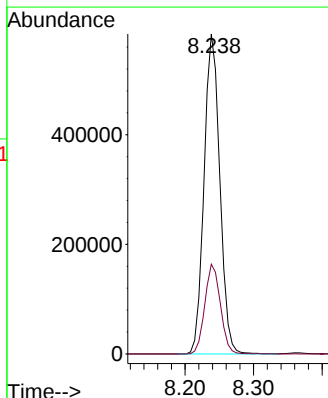
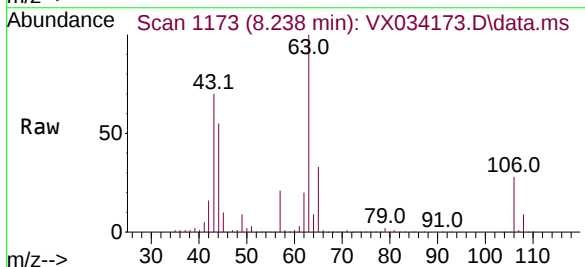
Acq: 20 Feb 2023 08:53

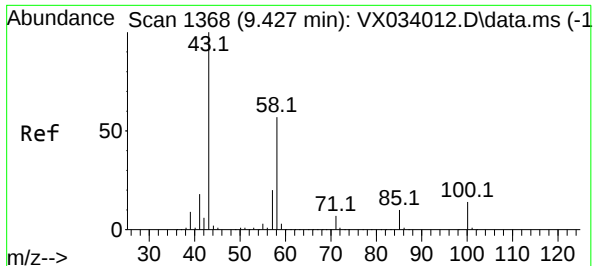
Tgt Ion: 63 Resp: 935301

Ion Ratio Lower Upper

63 100

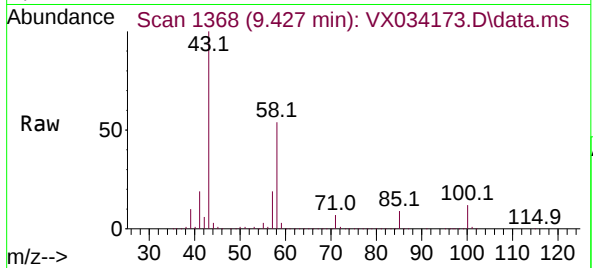
106 27.7 24.5 36.7





#59
2-Hexanone
Concen: 240.096 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

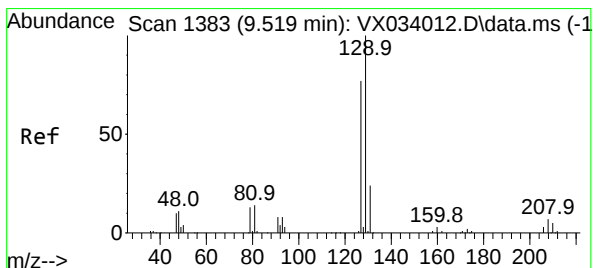
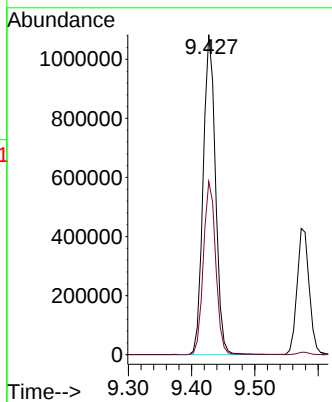
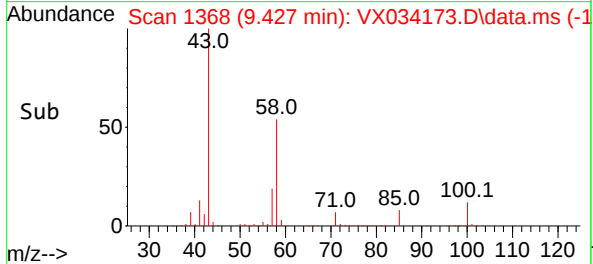
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 146772
Ion Ratio Lower Upper
43 100
58 54.2 27.4 82.0

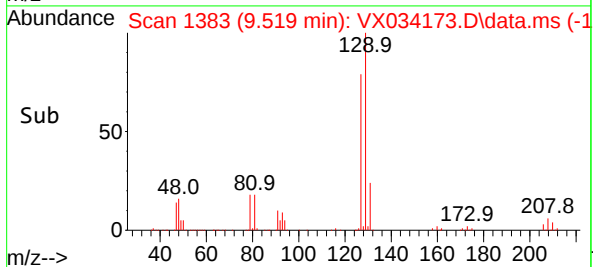
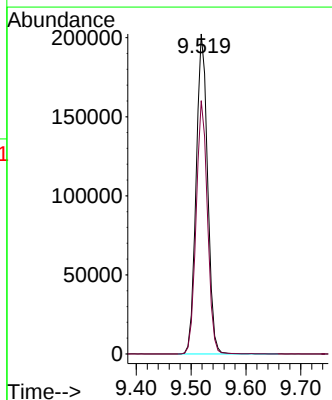
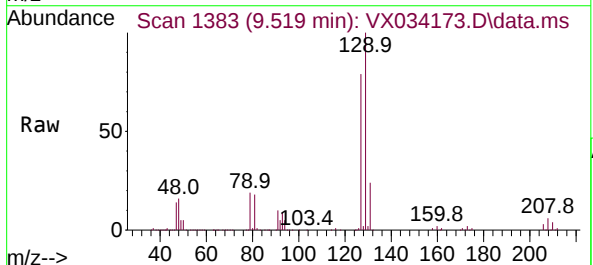
Manual Integrations
APPROVED

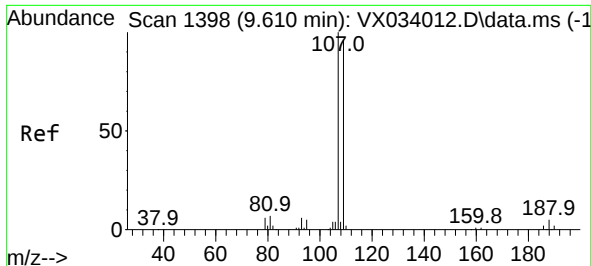
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#60
Dibromochloromethane
Concen: 49.838 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

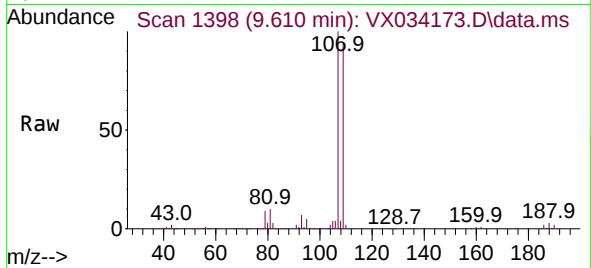
Tgt Ion:129 Resp: 295061
Ion Ratio Lower Upper
129 100
127 78.2 38.8 116.3





#61
1,2-Dibromoethane
Concen: 48.758 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

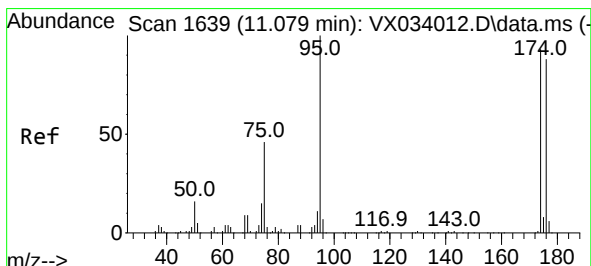
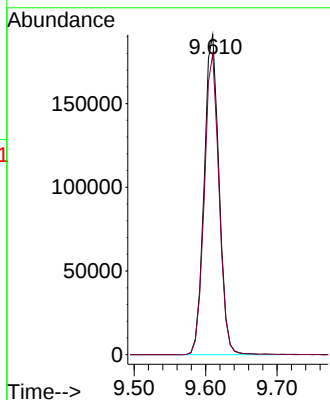
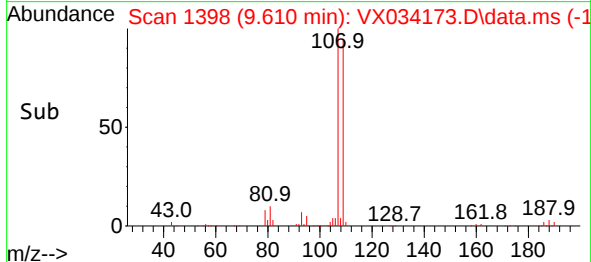
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



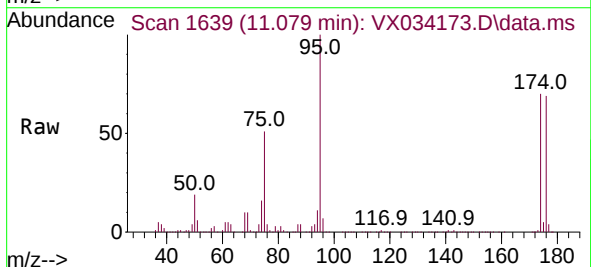
Tgt Ion:107 Resp: 276299
Ion Ratio Lower Upper
107 100
109 93.3 74.2 111.2

Manual Integrations
APPROVED

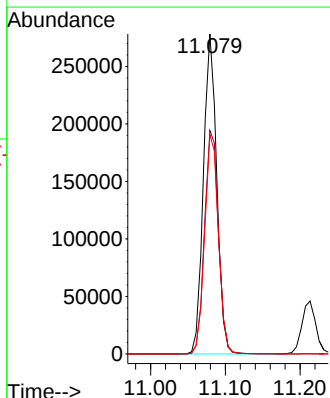
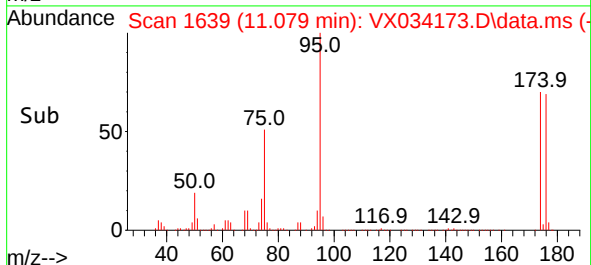
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

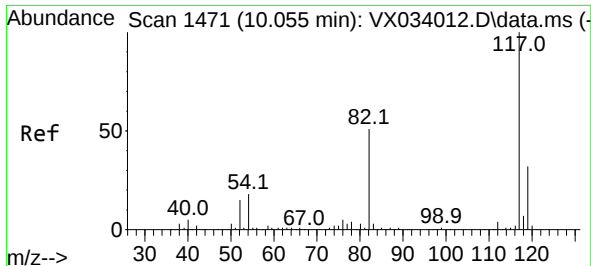


#62
4-Bromofluorobenzene
Concen: 50.210 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53



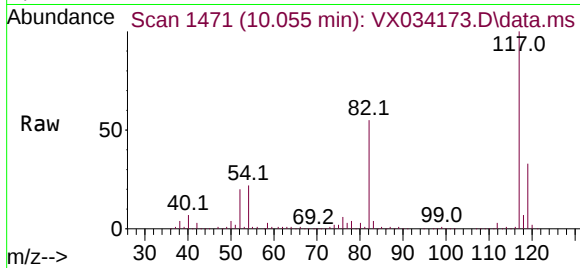
Tgt Ion: 95 Resp: 344685
Ion Ratio Lower Upper
95 100
174 72.9 0.0 184.4
176 70.5 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

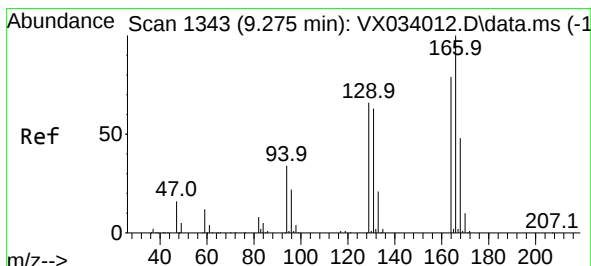
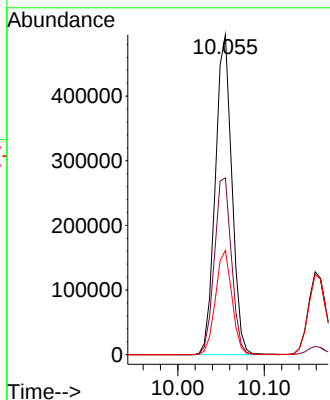
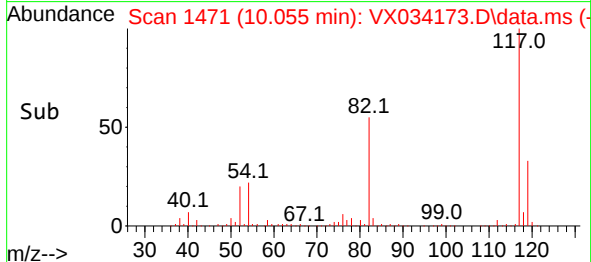
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 657208
Ion Ratio Lower Upper
117 100
82 55.2 40.6 60.8
119 32.6 25.6 38.4

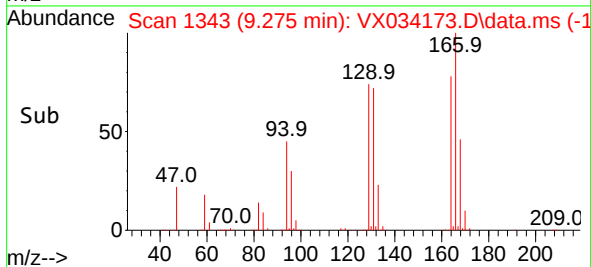
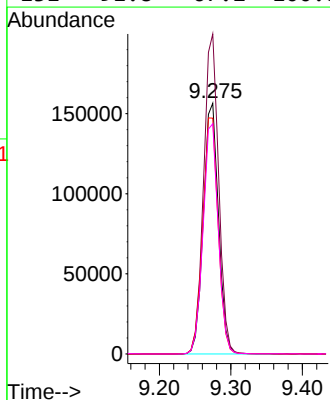
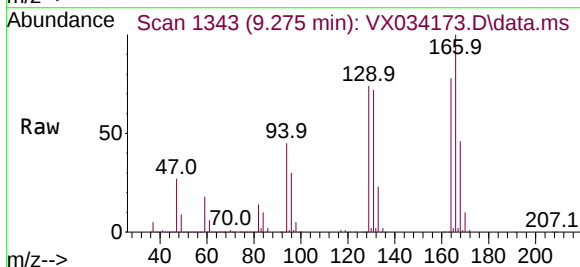
Manual Integrations
APPROVED

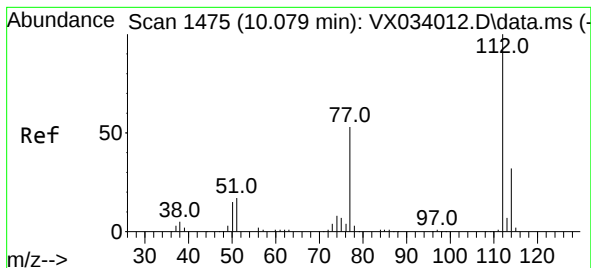
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#64
Tetrachloroethene
Concen: 49.440 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

Tgt Ion:164 Resp: 229322
Ion Ratio Lower Upper
164 100
166 127.6 100.2 150.2
129 94.1 69.2 103.8
131 91.8 67.2 100.8





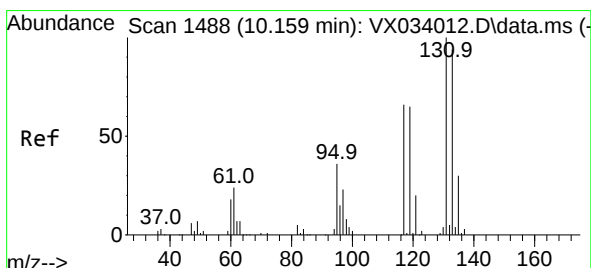
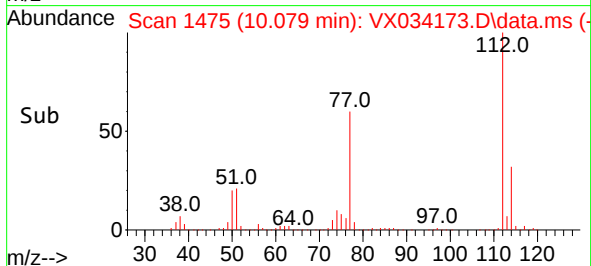
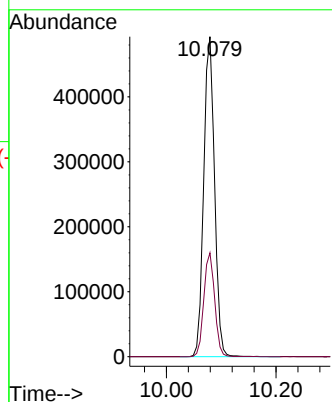
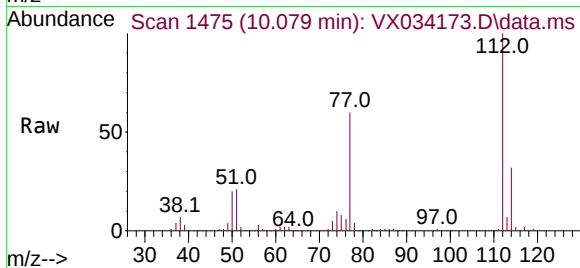
#65
Chlorobenzene
Concen: 49.247 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 674659
Ion Ratio Lower Upper
112 100
114 32.5 26.2 39.4

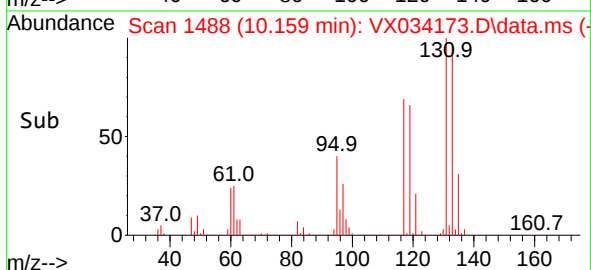
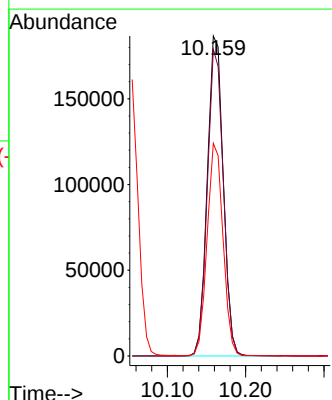
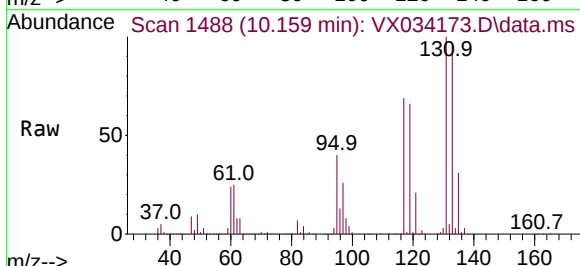
Manual Integrations
APPROVED

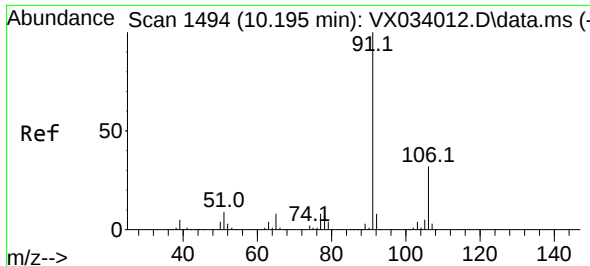
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 49.709 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

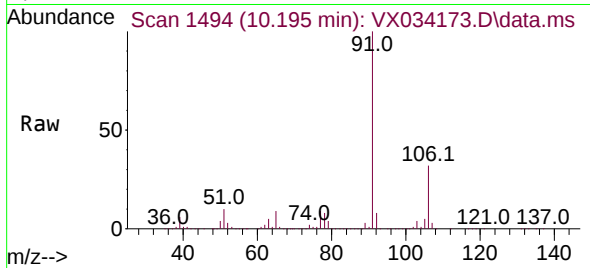
Tgt Ion:131 Resp: 263625
Ion Ratio Lower Upper
131 100
133 95.9 48.4 145.0
119 66.4 31.9 95.7





#67
Ethyl Benzene
Concen: 50.074 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

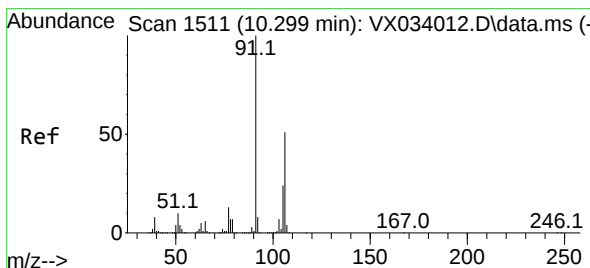
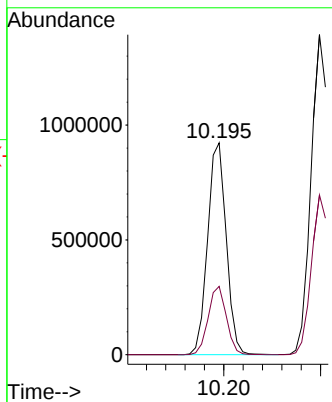
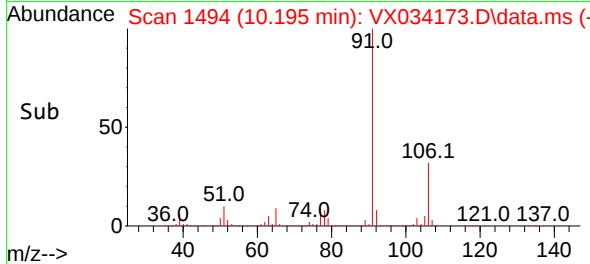
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 1232404
Ion Ratio Lower Upper
91 100
106 32.3 25.8 38.8

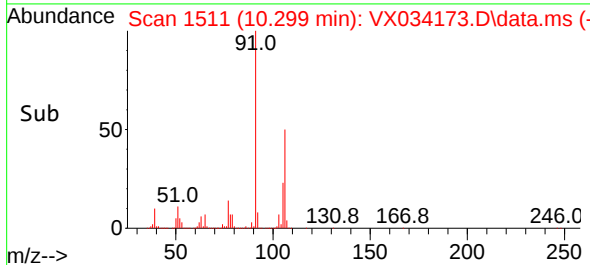
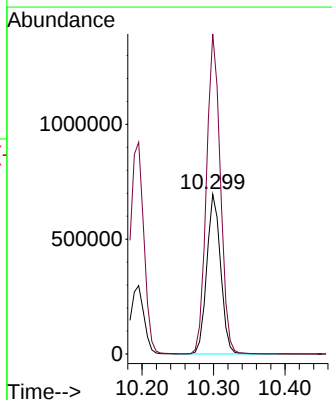
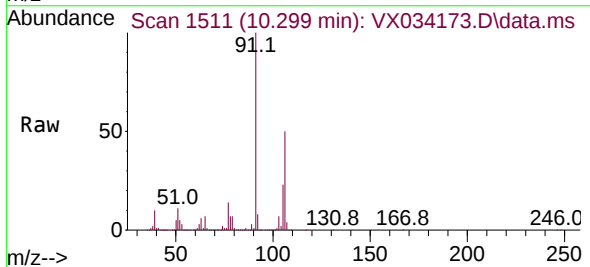
Manual Integrations
APPROVED

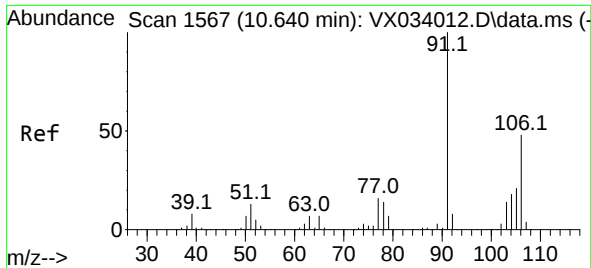
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#68
m/p-Xylenes
Concen: 99.159 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

Tgt Ion:106 Resp: 933945
Ion Ratio Lower Upper
106 100
91 201.4 156.4 234.6





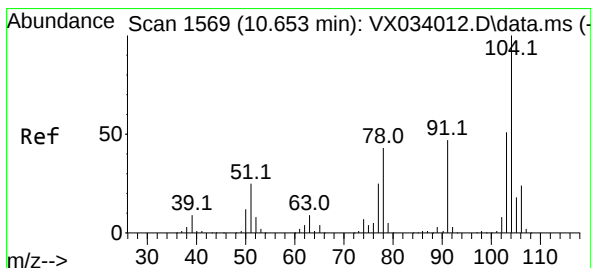
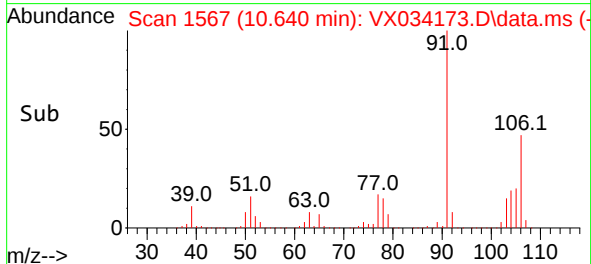
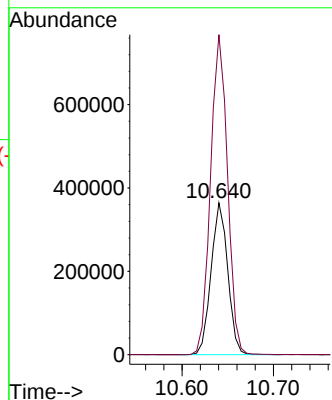
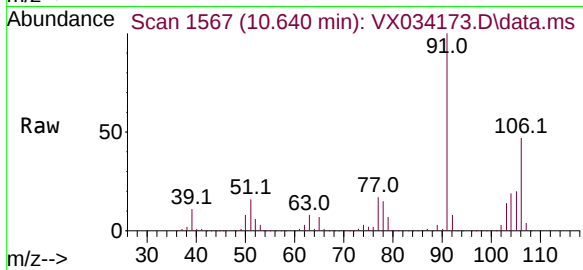
#69
o-Xylene
Concen: 49.107 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 460459
Ion Ratio Lower Upper
106 100
91 214.5 103.1 309.3

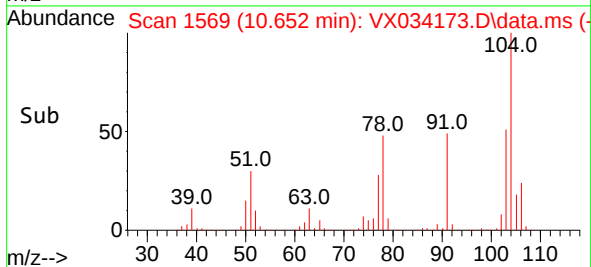
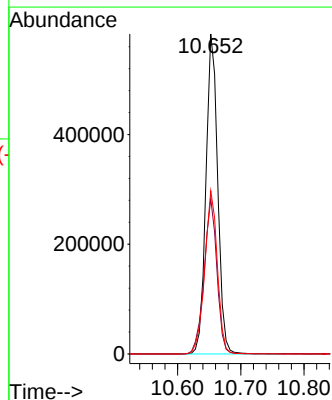
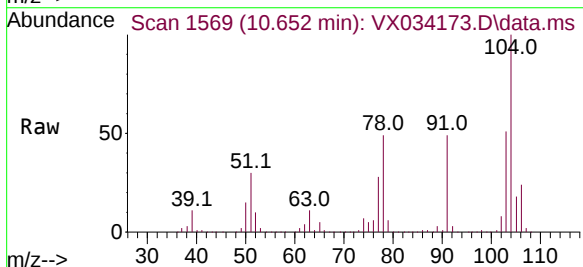
Manual Integrations
APPROVED

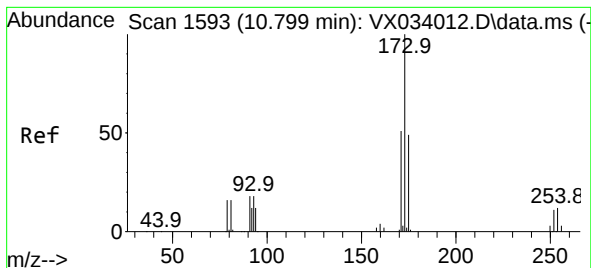
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#70
Styrene
Concen: 49.629 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

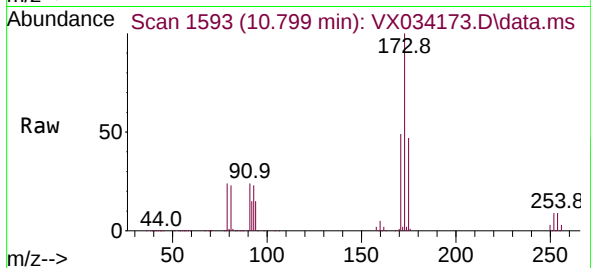
Tgt Ion:104 Resp: 756843
Ion Ratio Lower Upper
104 100
78 52.7 37.5 56.3
103 55.0 43.3 64.9





#71
Bromoform
Concen: 49.521 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

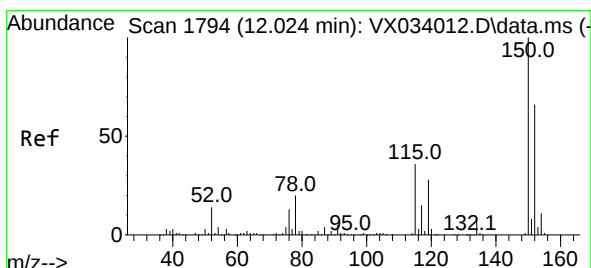
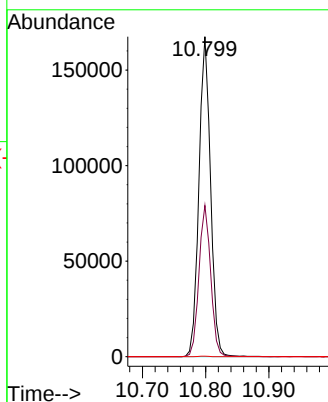
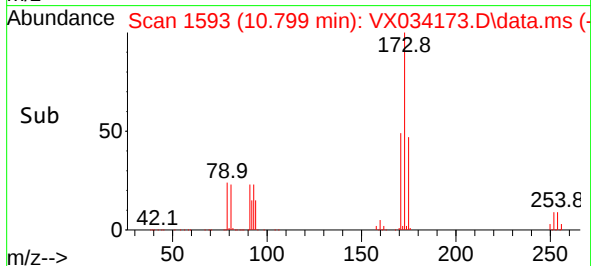
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 214372
Ion Ratio Lower Upper
173 100
175 47.7 24.1 72.3
254 0.1 0.1 0.1

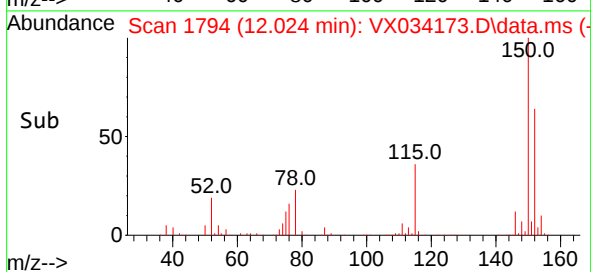
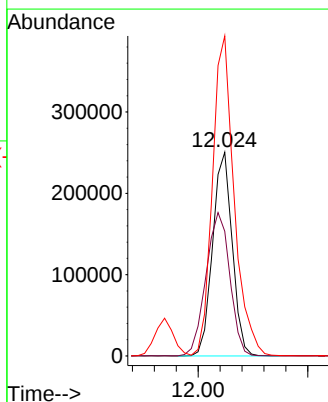
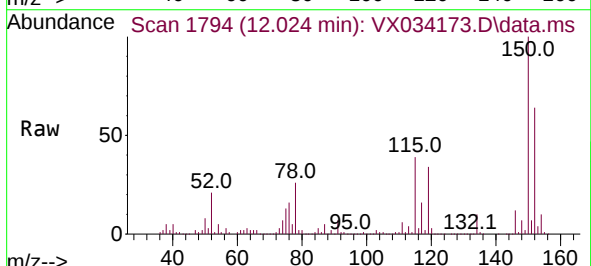
Manual Integrations
APPROVED

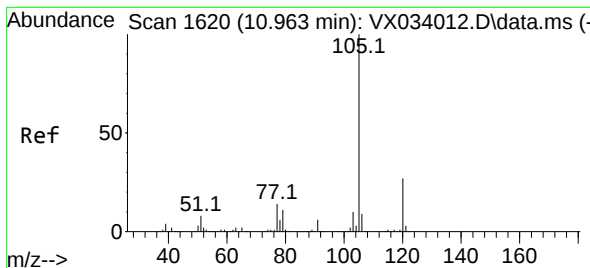
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

Tgt Ion:152 Resp: 310918
Ion Ratio Lower Upper
152 100
115 86.0 38.7 116.1
150 173.5 0.0 348.2





#73

Isopropylbenzene

Concen: 50.011 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034173.D

Acq: 20 Feb 2023 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 1185050

Ion Ratio Lower Upper

105 100

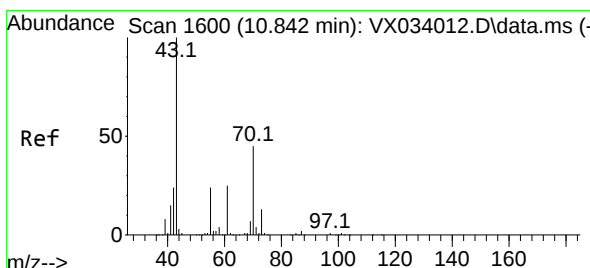
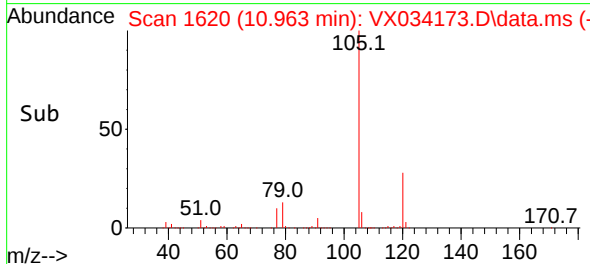
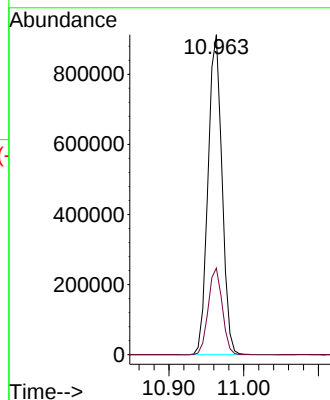
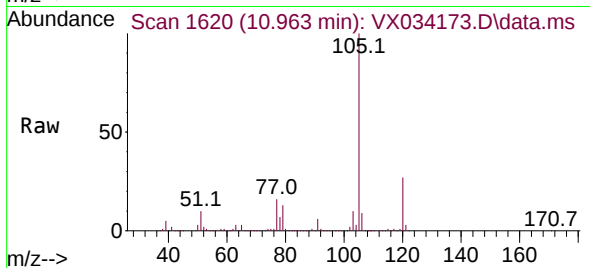
120 27.1 13.6 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#74

N-ethyl acetate

Concen: 46.902 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX034173.D

Acq: 20 Feb 2023 08:53

Tgt Ion: 43 Resp: 558347

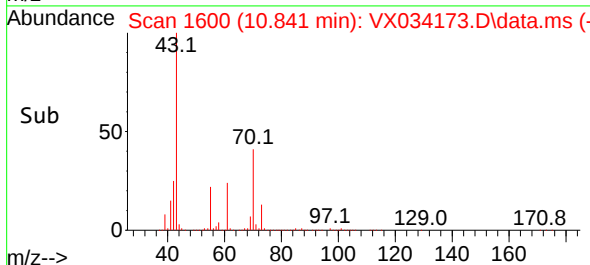
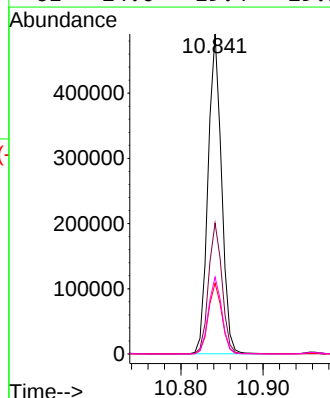
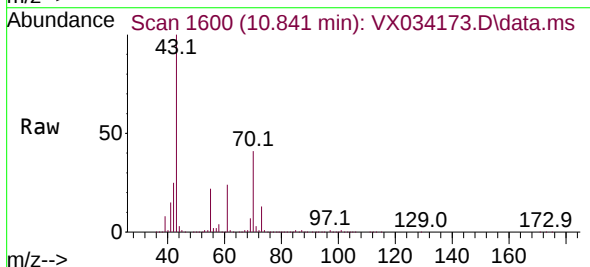
Ion Ratio Lower Upper

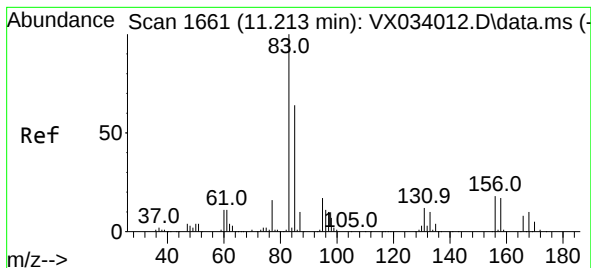
43 100

70 41.0 34.8 52.2

55 22.1 19.4 29.0

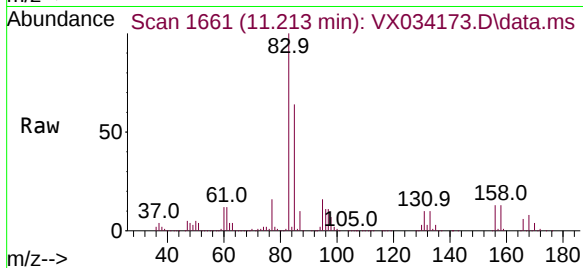
61 24.0 19.4 29.2





#75
1,1,2,2-Tetrachloroethane
Concen: 46.564 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

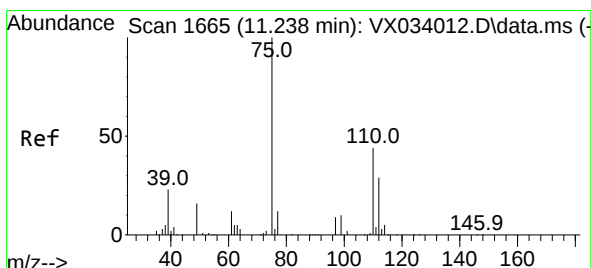
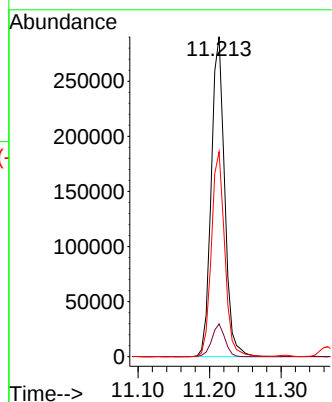
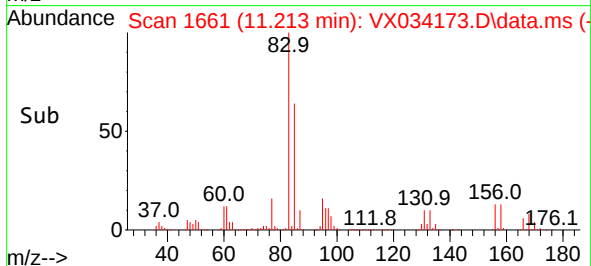
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



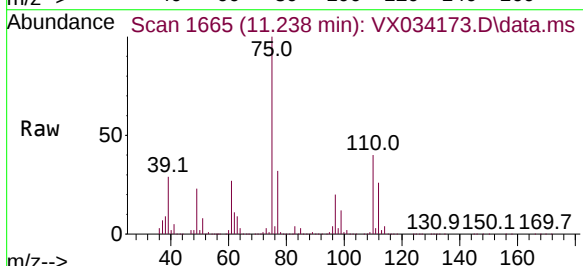
Tgt Ion: 83 Resp: 37738
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.7
85 63.8 32.3 96.9

Manual Integrations
APPROVED

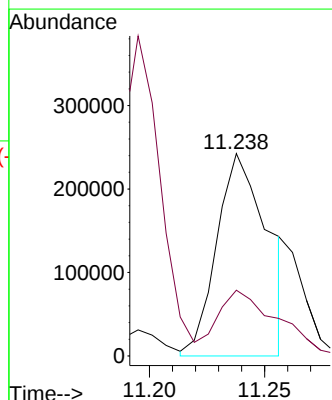
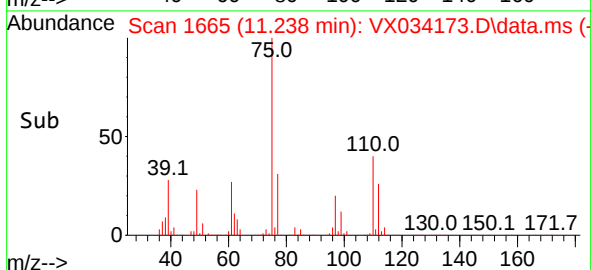
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

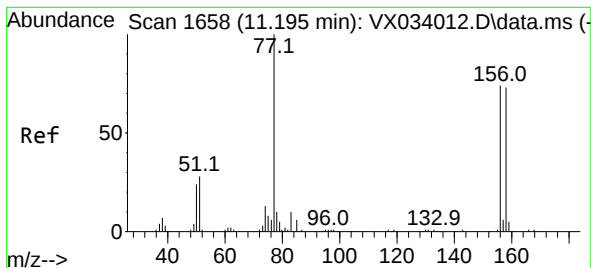


#76
1,2,3-Trichloropropane
Concen: 47.501 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53



Tgt Ion: 75 Resp: 371629
Ion Ratio Lower Upper
75 100
77 38.5 21.8 65.4





#77

Bromobenzene

Concen: 49.734 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX034173.D

Acq: 20 Feb 2023 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

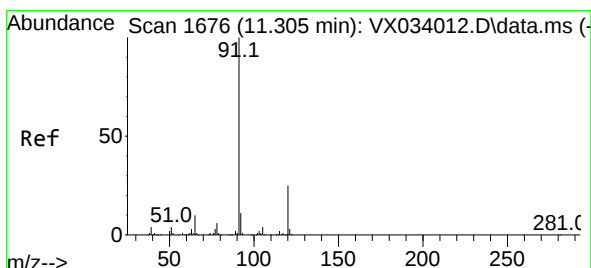
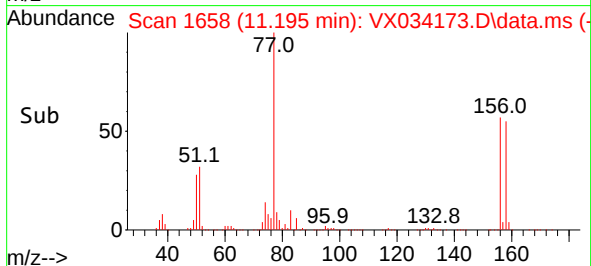
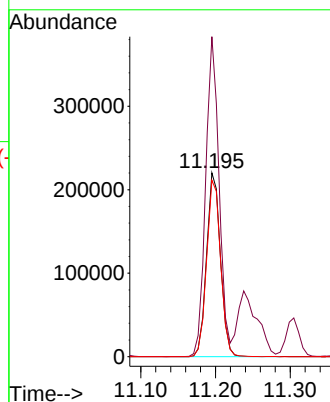
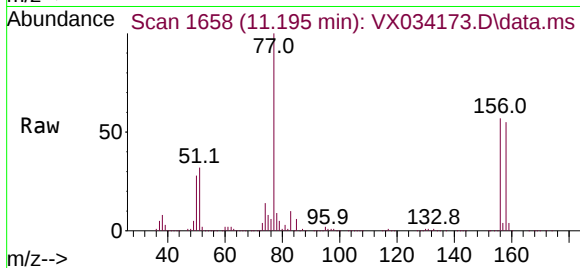
Tgt Ion:	156	Resp:	283600
Ion Ratio	Lower	Upper	
156	100		
77	168.2	68.1	204.3
158	97.0	48.0	144.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#78

n-propylbenzene

Concen: 50.741 ug/l

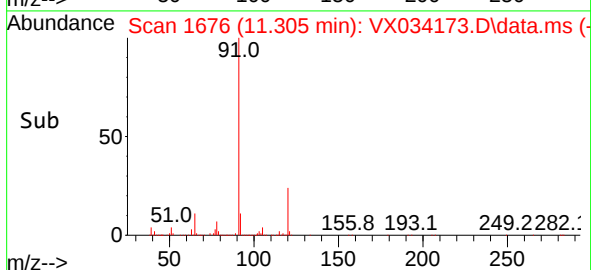
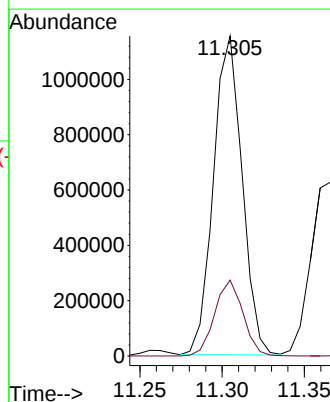
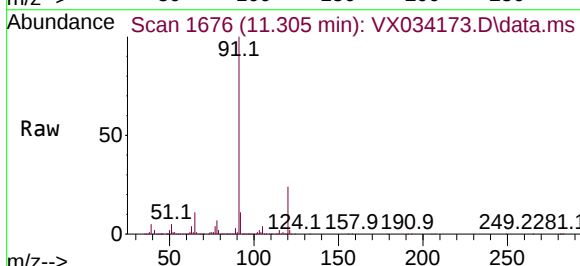
RT: 11.305 min Scan# 1676

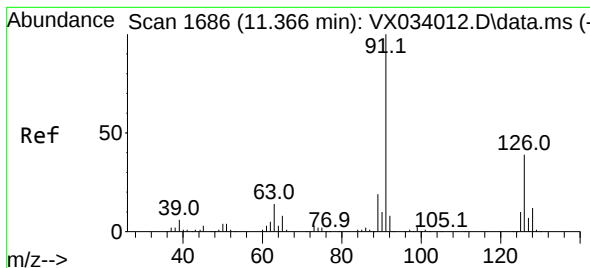
Delta R.T. 0.000 min

Lab File: VX034173.D

Acq: 20 Feb 2023 08:53

Tgt Ion:	91	Resp:	1398355
Ion Ratio	Lower	Upper	
91	100		
120	23.5	12.3	36.8





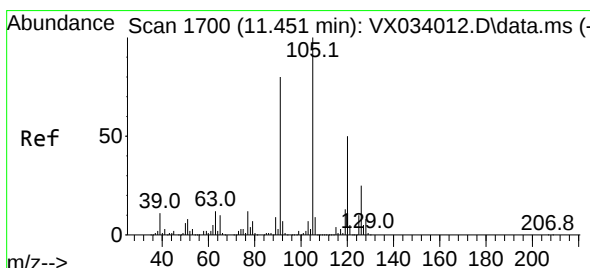
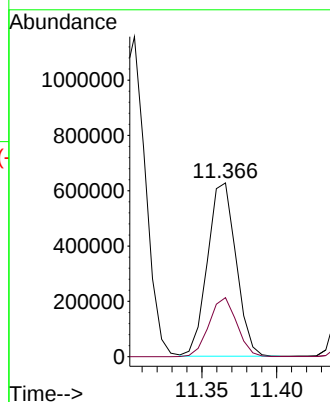
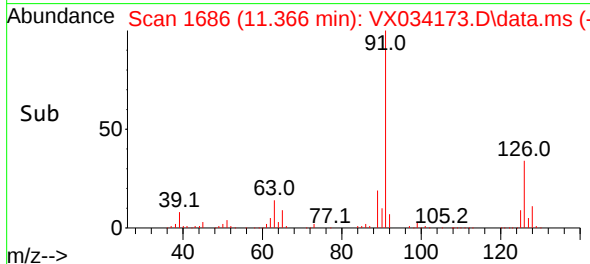
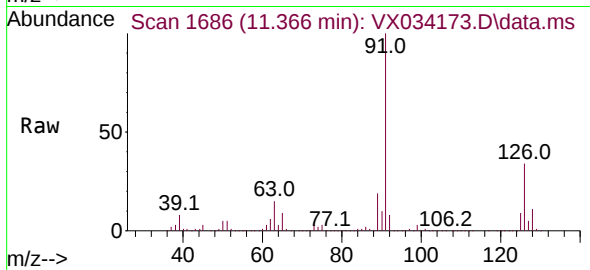
#79
2-Chlorotoluene
Concen: 49.248 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 832215
Ion Ratio Lower Upper
91 100
126 33.2 18.1 54.1

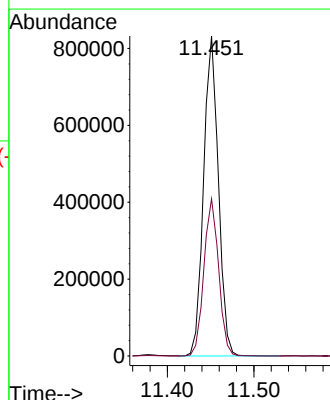
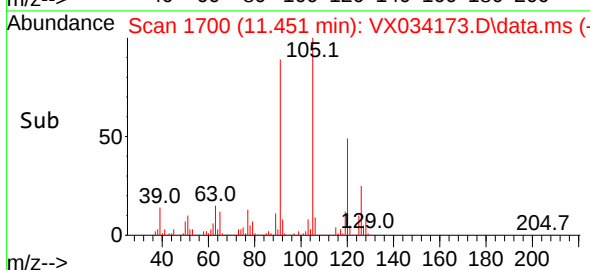
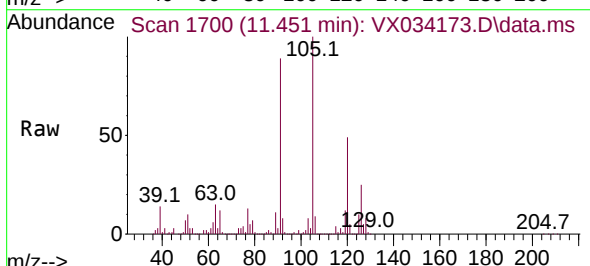
Manual Integrations
APPROVED

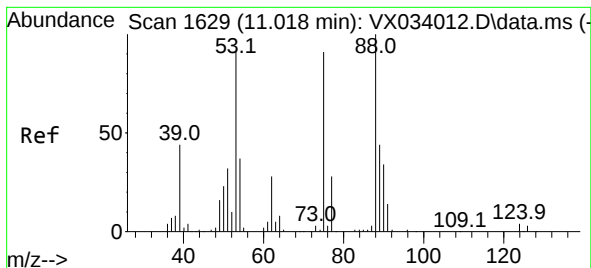
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.343 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

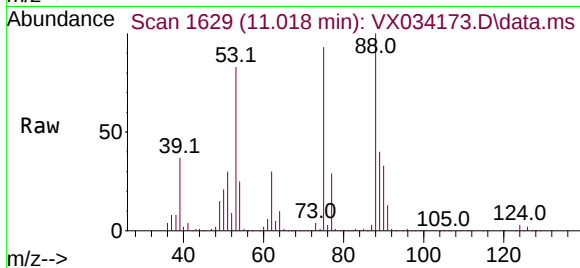
Tgt Ion:105 Resp: 983040
Ion Ratio Lower Upper
105 100
120 49.1 25.6 76.8





#81
trans-1,4-Dichloro-2-butene
Concen: 47.378 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

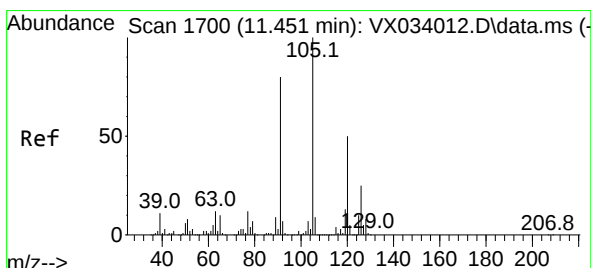
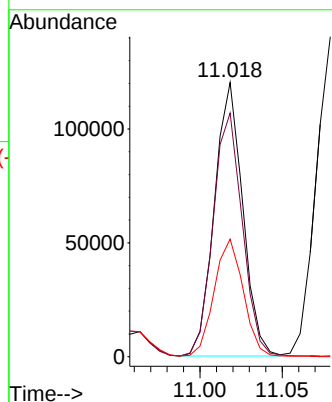
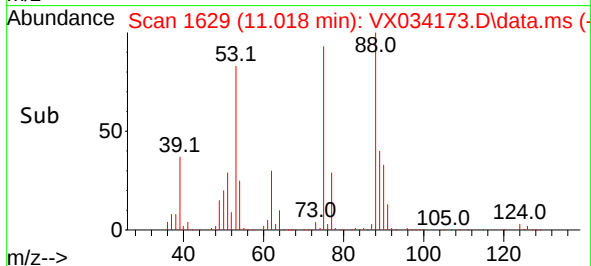
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 144289
Ion Ratio Lower Upper
75 100
53 91.3 83.0 124.6
89 44.4 37.7 56.5

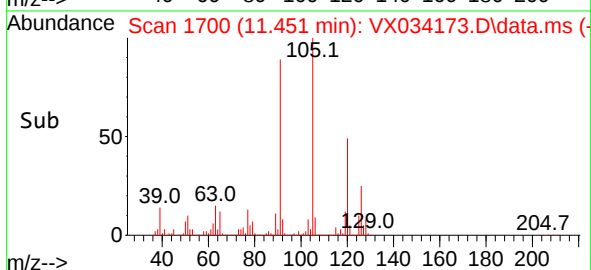
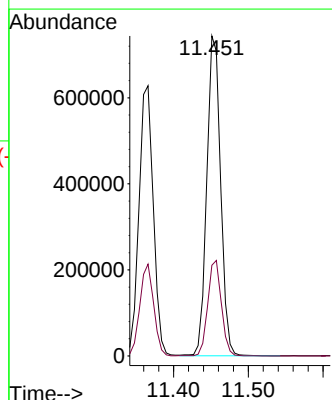
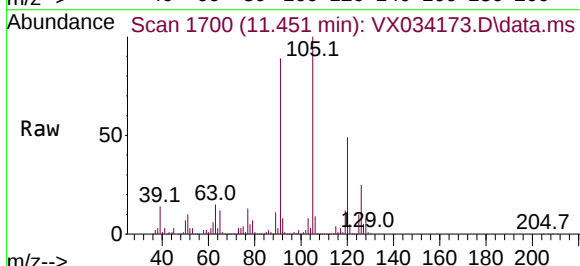
Manual Integrations
APPROVED

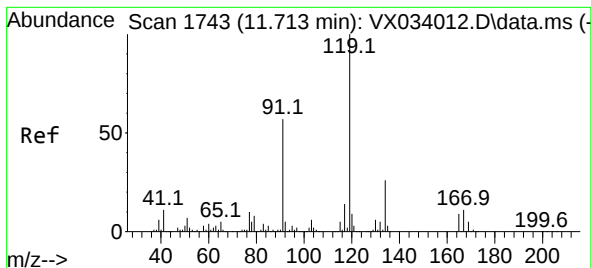
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#82
4-Chlorotoluene
Concen: 49.506 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

Tgt Ion: 91 Resp: 952837
Ion Ratio Lower Upper
91 100
126 29.5 15.8 47.4





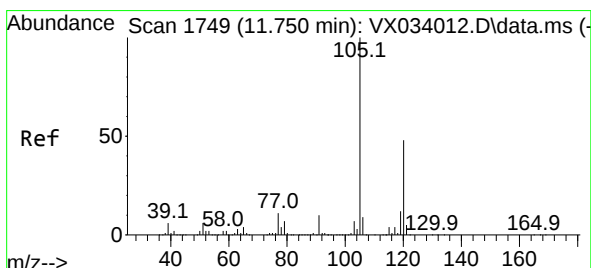
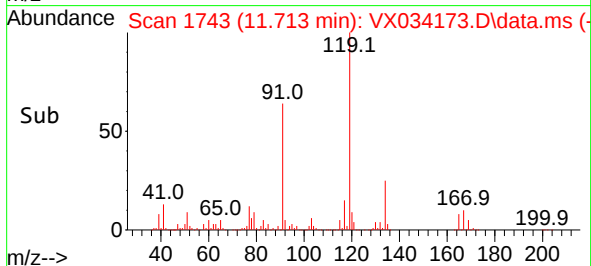
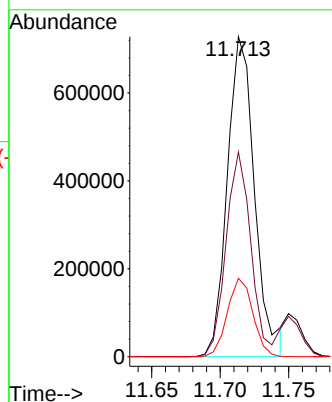
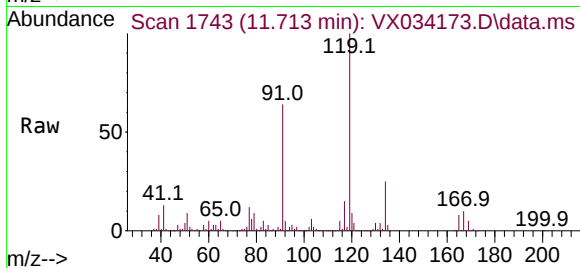
#83
tert-Butylbenzene
Concen: 49.384 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 1007638
Ion Ratio Lower Upper
119 100
91 58.4 26.9 80.7
134 23.0 12.3 36.8

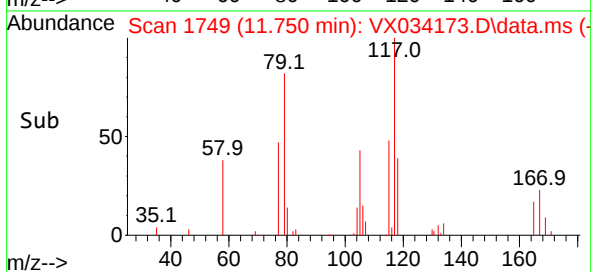
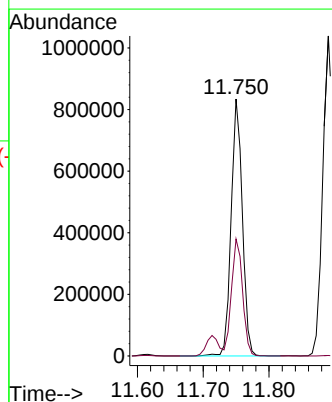
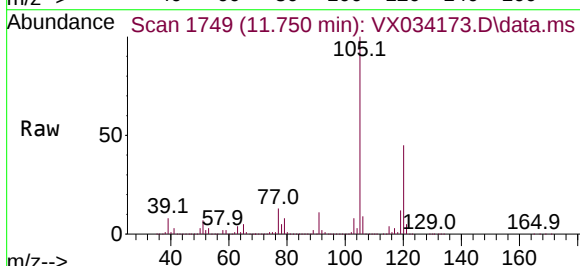
Manual Integrations
APPROVED

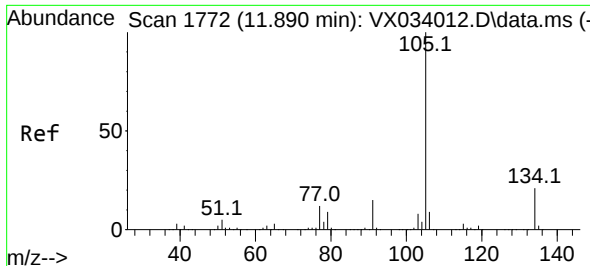
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#84
1,2,4-Trimethylbenzene
Concen: 49.035 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

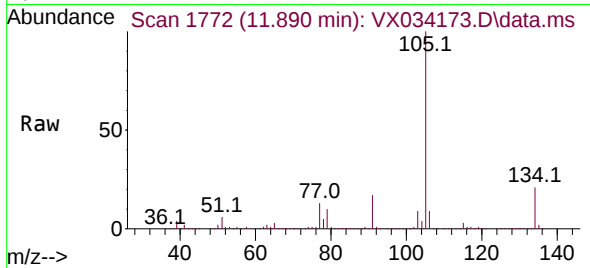
Tgt Ion:105 Resp: 987732
Ion Ratio Lower Upper
105 100
120 45.0 23.4 70.2





#85
 sec-Butylbenzene
 Concen: 49.976 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034173.D
 Acq: 20 Feb 2023 08:53

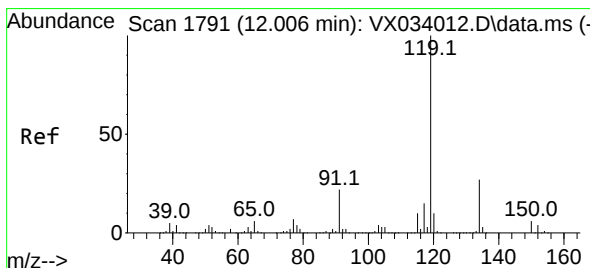
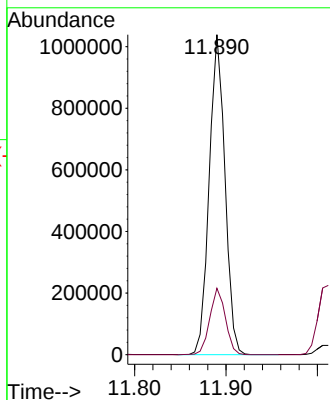
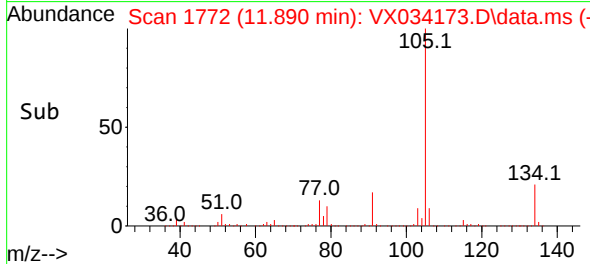
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



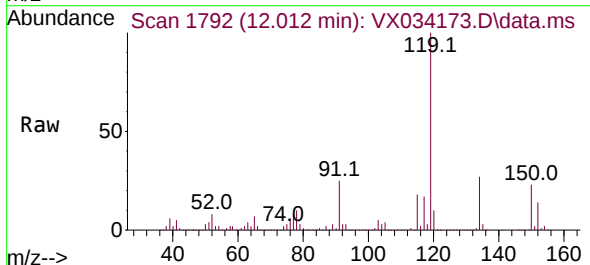
Tgt Ion:105 Resp: 123831
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.8 32.3

Manual Integrations
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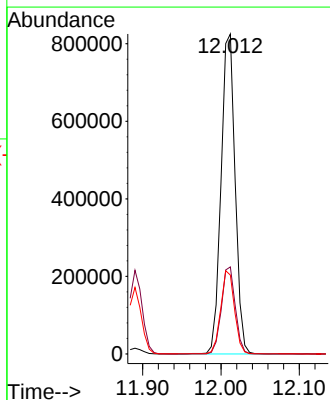
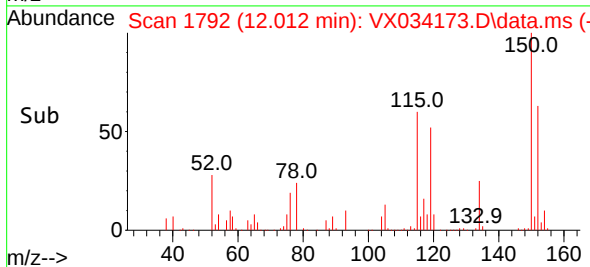
Reviewed By :John Carlone 02/21/2023
 Supervised By :Mahesh Dadoda 02/21/2023

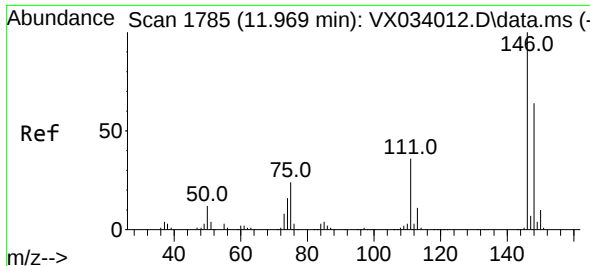


#86
 p-Isopropyltoluene
 Concen: 50.397 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX034173.D
 Acq: 20 Feb 2023 08:53



Tgt Ion:119 Resp: 1033467
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.6 40.8
 91 25.4 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 49.279 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034173.D

Acq: 20 Feb 2023 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 527014

Ion Ratio Lower Upper

146 100

111 42.1 18.6 55.6

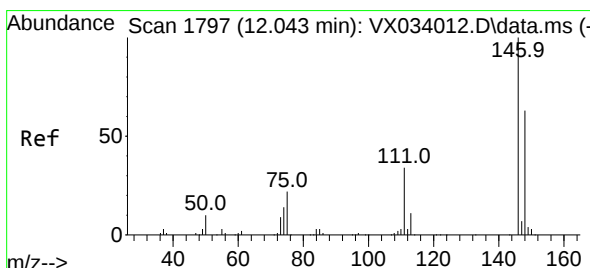
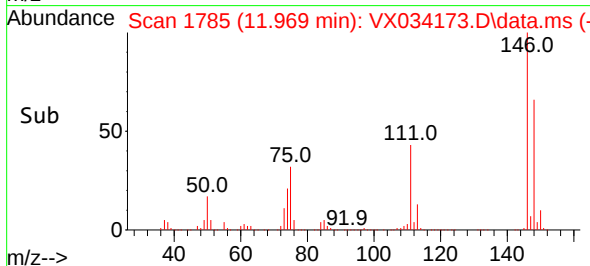
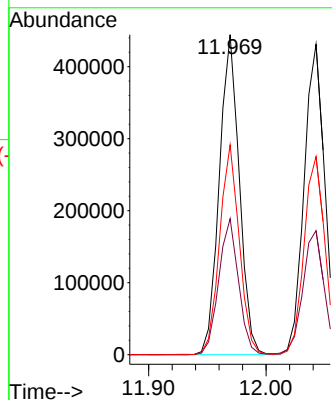
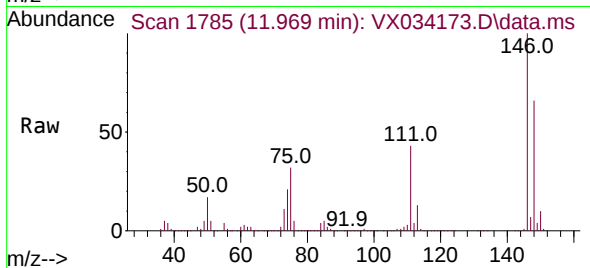
148 64.5 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#88

1,4-Dichlorobenzene

Concen: 48.989 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX034173.D

Acq: 20 Feb 2023 08:53

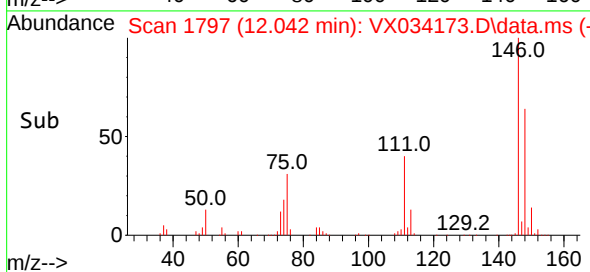
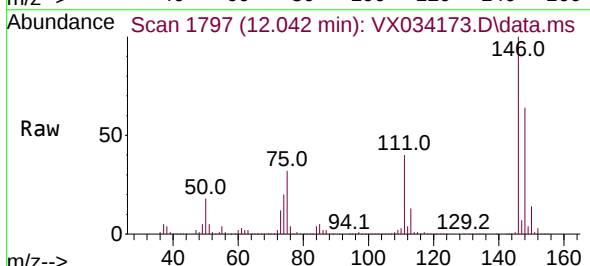
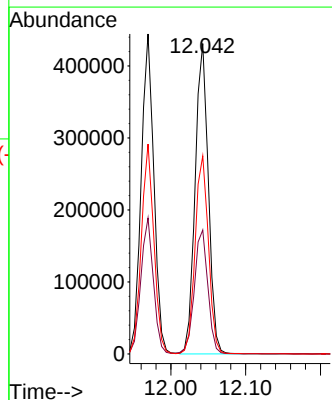
Tgt Ion:146 Resp: 528439

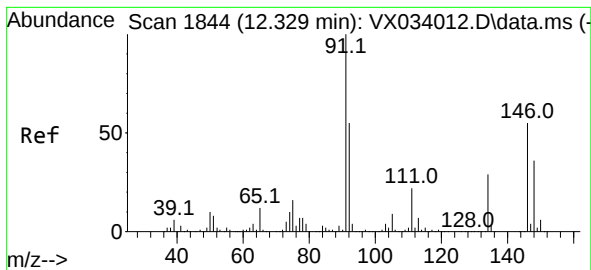
Ion Ratio Lower Upper

146 100

111 40.9 17.8 53.4

148 64.4 32.1 96.3





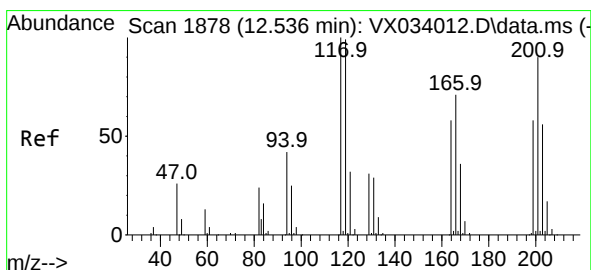
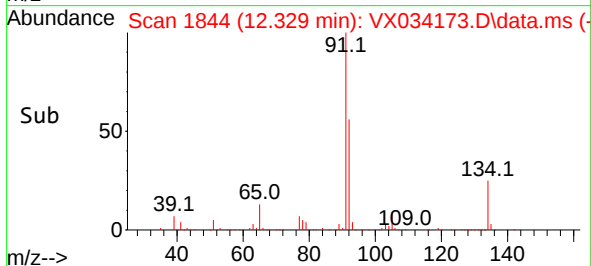
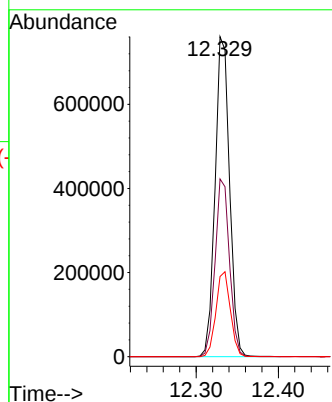
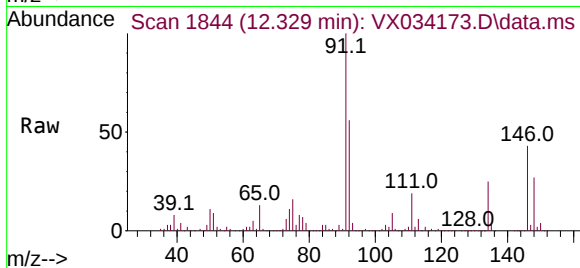
#89
n-Butylbenzene
Concen: 50.930 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 930198
Ion Ratio Lower Upper
91 100
92 55.3 27.5 82.5
134 26.5 14.3 42.9

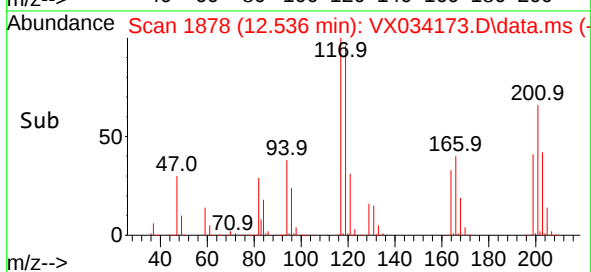
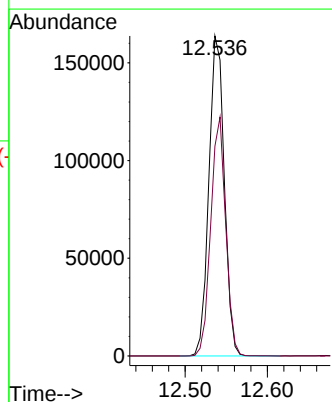
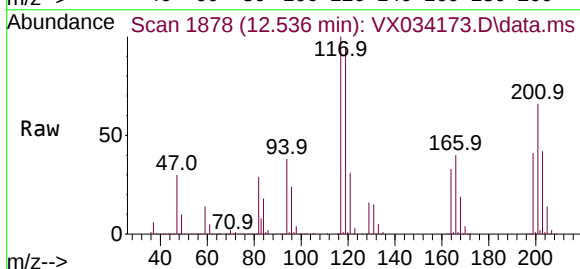
Manual Integrations
APPROVED

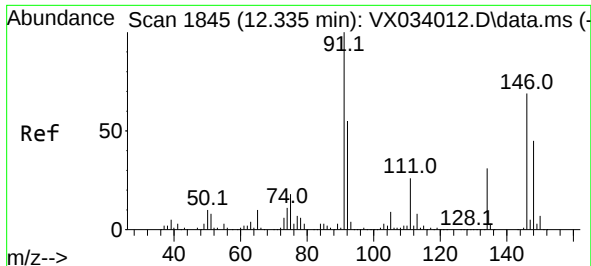
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#90
Hexachloroethane
Concen: 49.697 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

Tgt Ion:117 Resp: 213078
Ion Ratio Lower Upper
117 100
201 72.4 45.1 135.3





#91

1,2-Dichlorobenzene

Concen: 48.816 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX034173.D

Acq: 20 Feb 2023 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 51079

Ion Ratio Lower Upper

146 100

111 43.3 19.3 57.8

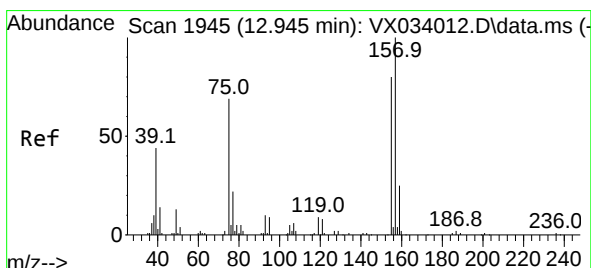
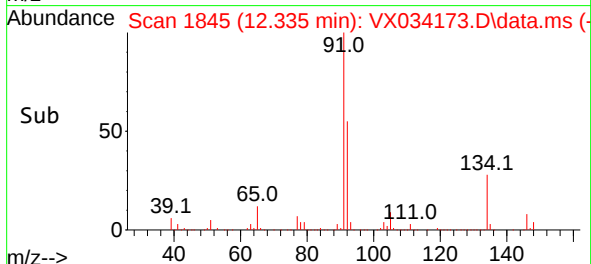
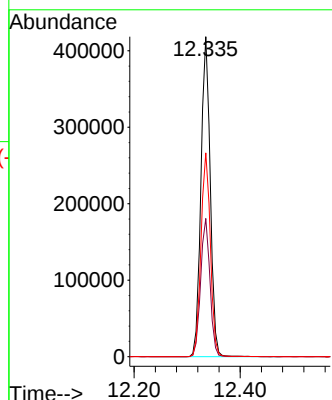
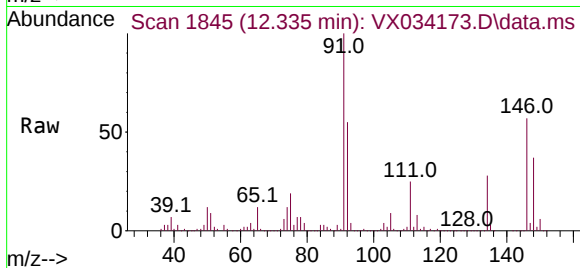
148 64.4 32.3 96.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.186 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX034173.D

Acq: 20 Feb 2023 08:53

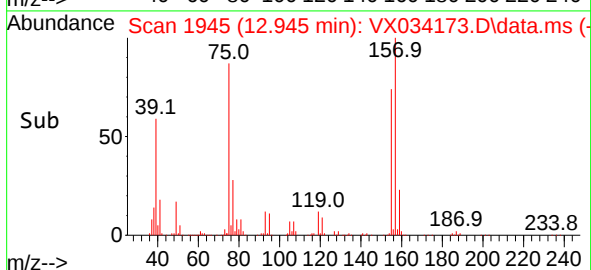
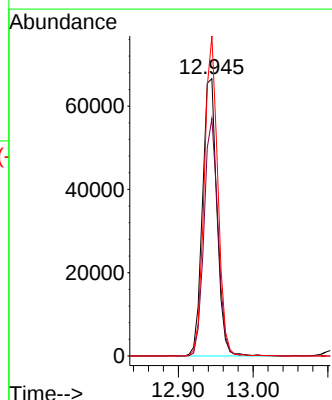
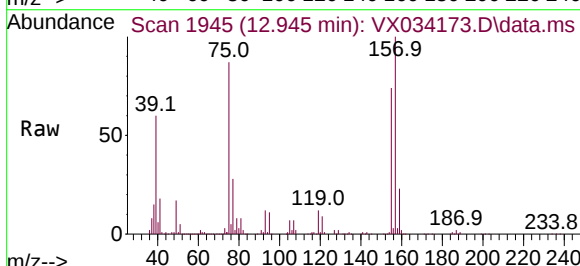
Tgt Ion: 75 Resp: 89263

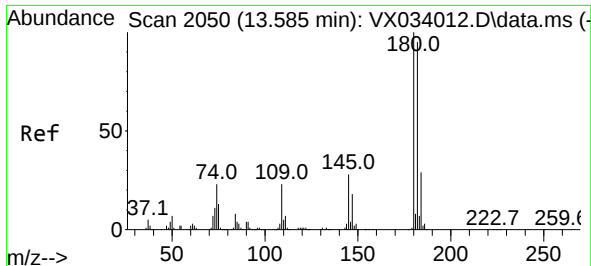
Ion Ratio Lower Upper

75 100

155 82.7 51.7 155.1

157 107.8 67.5 202.3





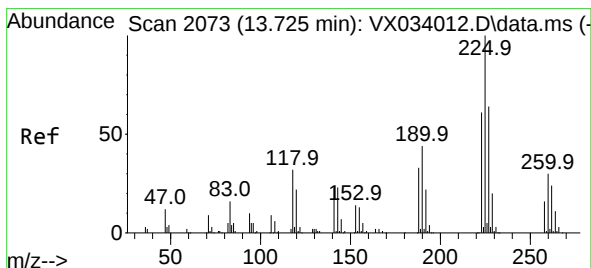
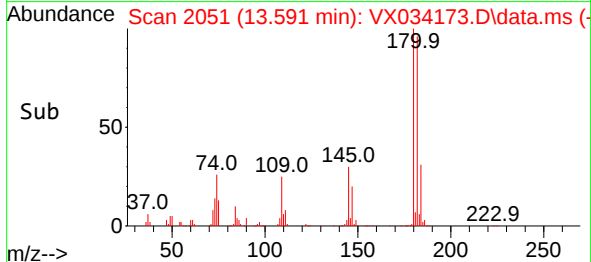
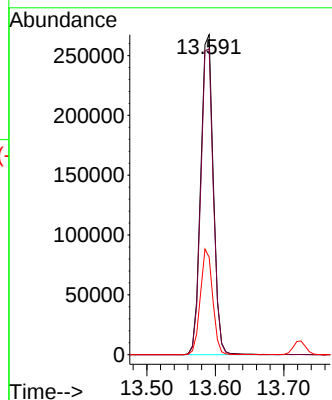
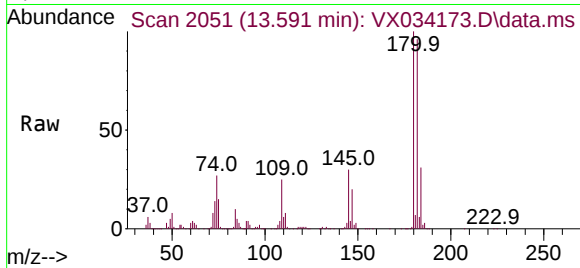
#93
1,2,4-Trichlorobenzene
Concen: 50.987 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 34251
Ion Ratio Lower Upper
180 100
182 95.9 47.9 143.6
145 32.3 14.1 42.2

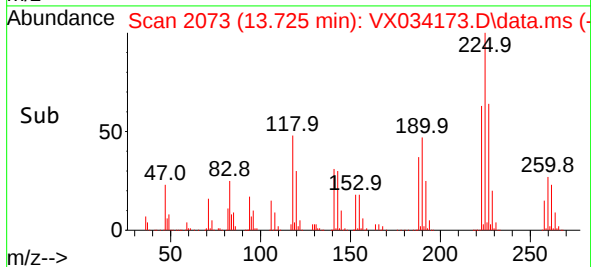
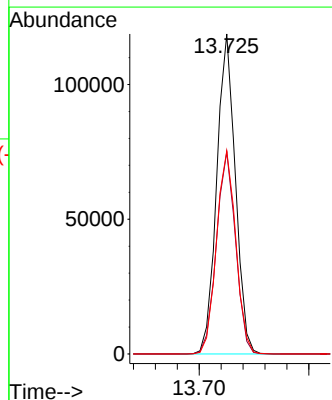
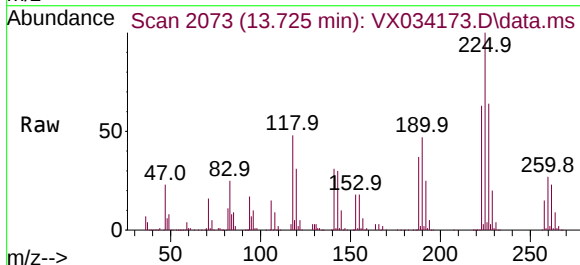
Manual Integrations
APPROVED

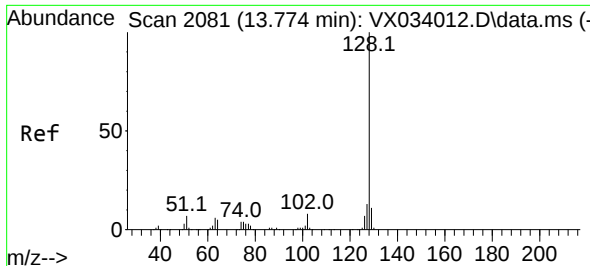
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#94
Hexachlorobutadiene
Concen: 50.425 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

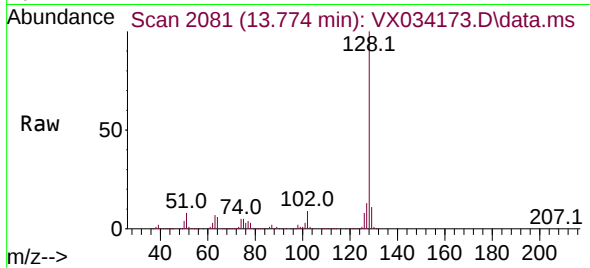
Tgt Ion:225 Resp: 140426
Ion Ratio Lower Upper
225 100
223 64.6 31.3 93.9
227 65.7 32.3 96.9





#95
Naphthalene
Concen: 49.031 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

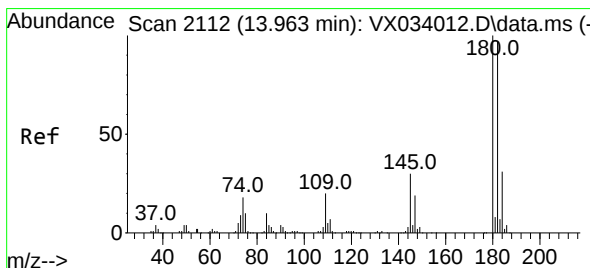
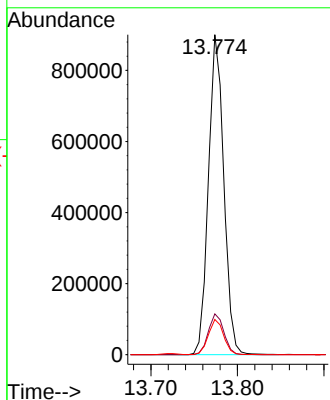
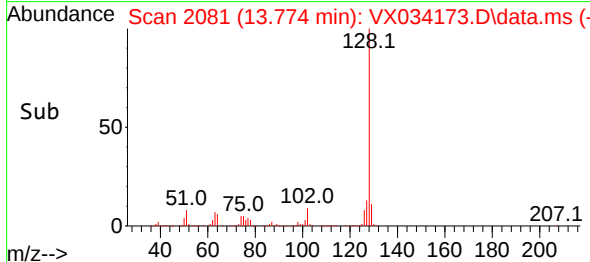
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 1109584
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#96
1,2,3-Trichlorobenzene
Concen: 50.300 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034173.D
Acq: 20 Feb 2023 08:53

Tgt Ion:180 Resp: 335462
Ion Ratio Lower Upper
180 100
182 95.9 47.6 142.9
145 34.3 15.1 45.3

