

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034863.D
 Acq On : 31 Mar 2023 09:01
 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 04/03/2023
 Supervised By : Mahesh Dadoda 04/03/2023

Quant Time: Apr 01 04:13:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	275640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	453674	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	414094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	210632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	198332	47.048	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.100%		
35) Dibromofluoromethane	5.379	113	149609	49.858	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.720%		
50) Toluene-d8	8.647	98	563452	50.873	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.740%		
62) 4-Bromofluorobenzene	11.079	95	225603	52.637	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.280%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	122747	44.648	ug/l	100
3) Chloromethane	1.294	50	158404	46.019	ug/l	100
4) Vinyl Chloride	1.374	62	156563	45.937	ug/l	99
5) Bromomethane	1.617	94	105386	47.585	ug/l	98
6) Chloroethane	1.691	64	109268	49.277	ug/l	99
7) Trichlorofluoromethane	1.886	101	263379	48.069	ug/l	99
8) Diethyl Ether	2.130	74	90133	46.662	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	135971	47.480	ug/l	98
10) Methyl Iodide	2.453	142	165821	46.497	ug/l	95
11) Tert butyl alcohol	2.989	59	149849m	202.601	ug/l	
12) 1,1-Dichloroethene	2.318	96	127786	45.158	ug/l	95
13) Acrolein	2.233	56	168713	221.590	ug/l	98
14) Allyl chloride	2.660	41	249819	45.063	ug/l	95
15) Acrylonitrile	3.062	53	366360	220.055	ug/l	98
16) Acetone	2.386	43	406839	237.572	ug/l	97
17) Carbon Disulfide	2.514	76	322470	45.501	ug/l	99
18) Methyl Acetate	2.703	43	273182	44.898	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	460712	43.974	ug/l	98
20) Methylene Chloride	2.788	84	147633	43.688	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	140888	45.651	ug/l	98
22) Diisopropyl ether	3.751	45	512785	45.842	ug/l	98
23) Vinyl Acetate	3.715	43	1887565	236.605	ug/l	98
24) 1,1-Dichloroethane	3.605	63	272968	45.354	ug/l	99
25) 2-Butanone	4.556	43	574592	230.664	ug/l	99
26) 2,2-Dichloropropane	4.471	77	222437	44.942	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	165142	45.160	ug/l	98
28) Bromochloromethane	4.891	49	140538	47.735	ug/l	98
29) Tetrahydrofuran	5.001	42	344698	220.886	ug/l	98
30) Chloroform	5.086	83	277441	45.385	ug/l	94
31) Cyclohexane	5.464	56	247249	48.168	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	240832	46.166	ug/l	98
36) 1,1-Dichloropropene	5.684	75	210801	47.418	ug/l	99
37) Ethyl Acetate	4.702	43	211733	45.549	ug/l	99
38) Carbon Tetrachloride	5.672	117	205400	49.006	ug/l	99
39) Methylcyclohexane	7.379	83	233231	49.406	ug/l	97
40) Benzene	6.031	78	597693	46.836	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.909	41	119154	47.134	ug/l	97
42) 1,2-Dichloroethane	6.080	62	236143	46.544	ug/l	99
43) Isopropyl Acetate	6.330	43	360632	46.372	ug/l	99
44) Trichloroethene	7.122	130	155843	47.840	ug/l	99
45) 1,2-Dichloropropane	7.427	63	158051	47.527	ug/l	99
46) Dibromomethane	7.574	93	108262	47.316	ug/l	98
47) Bromodichloromethane	7.817	83	210838	49.886	ug/l	98
48) Methyl methacrylate	7.689	41	178493	46.735	ug/l	97
49) 1,4-Dioxane	7.702	88	68472	869.958	ug/l	98
51) 4-Methyl-2-Pentanone	8.567	43	1091487	237.144	ug/l	97
52) Toluene	8.714	92	380769	45.761	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	233358	51.325	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	252083	50.663	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	152164	48.318	ug/l	99
56) Ethyl methacrylate	9.110	69	239941	48.628	ug/l	96
57) 1,3-Dichloropropane	9.305	76	263327	47.215	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	622714	247.861	ug/l	99
59) 2-Hexanone	9.427	43	863850	248.144	ug/l	99
60) Dibromochloromethane	9.518	129	155557	51.853	ug/l	99
61) 1,2-Dibromoethane	9.604	107	159109	48.587	ug/l	99
64) Tetrachloroethene	9.268	164	136302	45.995	ug/l	96
65) Chlorobenzene	10.079	112	404617	46.963	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	146897	49.584	ug/l	99
67) Ethyl Benzene	10.189	91	751306	48.136	ug/l	98
68) m/p-Xylenes	10.299	106	572647	96.049	ug/l	97
69) o-Xylene	10.640	106	280963	48.105	ug/l	98
70) Styrene	10.652	104	468015	50.196	ug/l	99
71) Bromoform	10.799	173	103850	51.539	ug/l #	99
73) Isopropylbenzene	10.963	105	735434	47.666	ug/l	99
74) N-amyl acetate	10.841	43	332041	47.865	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	227884	45.065	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	192441m	45.343	ug/l	
77) Bromobenzene	11.195	156	171915	44.969	ug/l	98
78) n-propylbenzene	11.305	91	869357	48.776	ug/l	98
79) 2-Chlorotoluene	11.360	91	526780	46.811	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	610767	47.345	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	66082	46.663	ug/l	88
82) 4-Chlorotoluene	11.451	91	611270	46.776	ug/l	99
83) tert-Butylbenzene	11.713	119	578067	47.720	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	620119	47.270	ug/l	98
85) sec-Butylbenzene	11.890	105	720262	48.873	ug/l	99
86) p-Isopropyltoluene	12.006	119	607510	49.437	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	331068	47.552	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	338926	46.609	ug/l	100
89) n-Butylbenzene	12.329	91	542587	50.537	ug/l	98
90) Hexachloroethane	12.536	117	100004	52.525	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	325768	46.720	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	50414	47.762	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	193941	49.177	ug/l	99
94) Hexachlorobutadiene	13.725	225	80304	46.296	ug/l	99
95) Naphthalene	13.774	128	648081	46.248	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	191331	48.109	ug/l	98

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Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 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

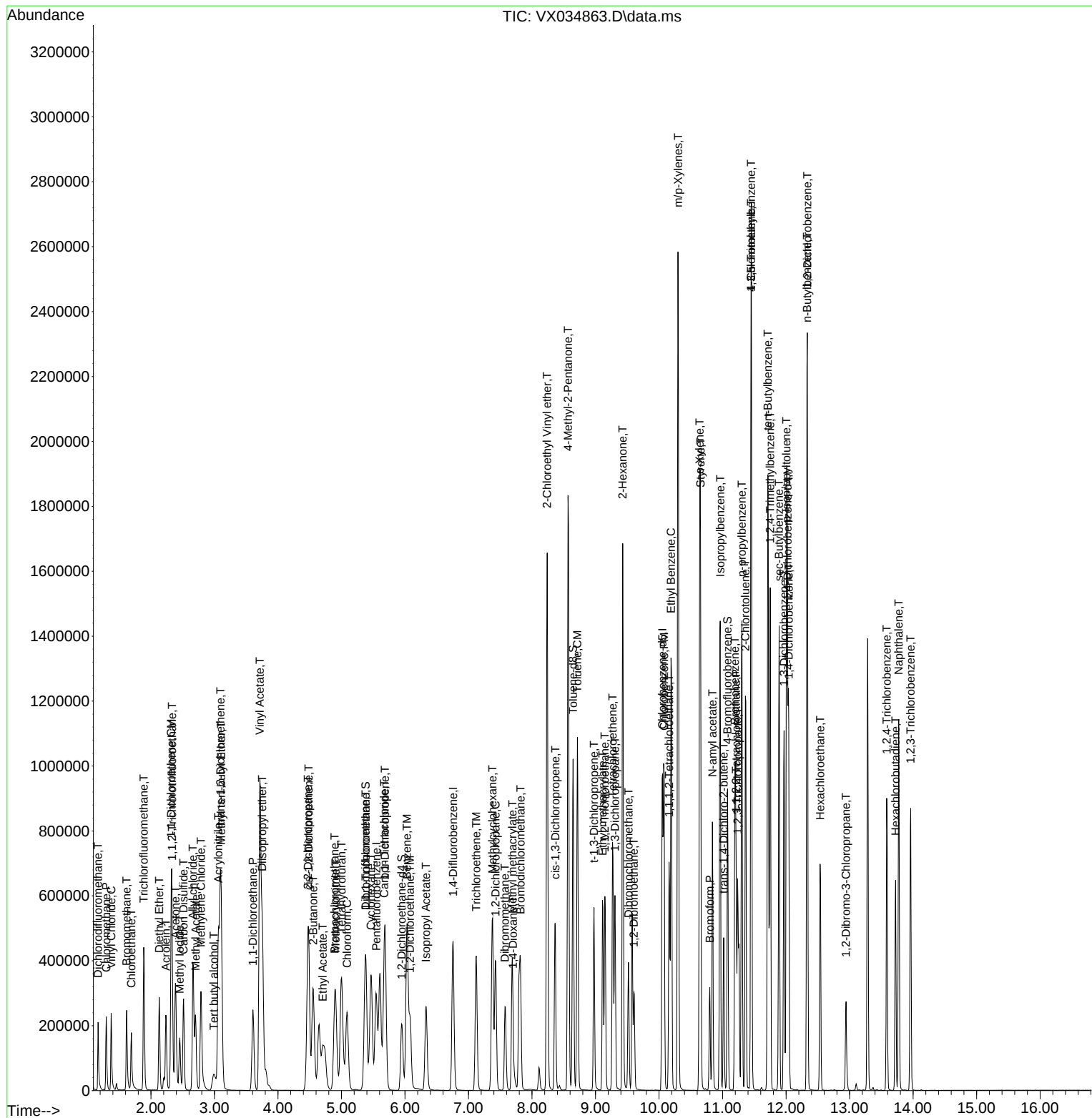
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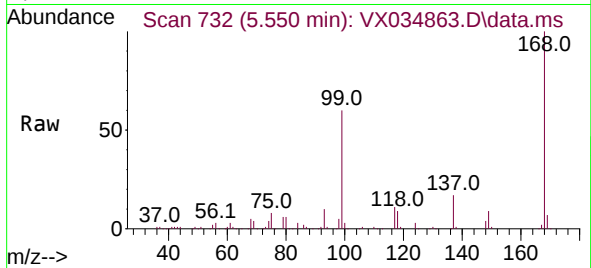
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

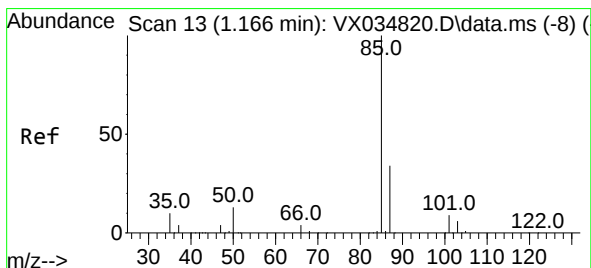
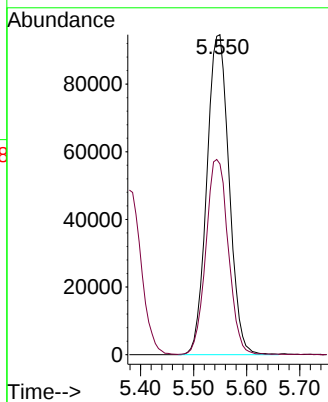
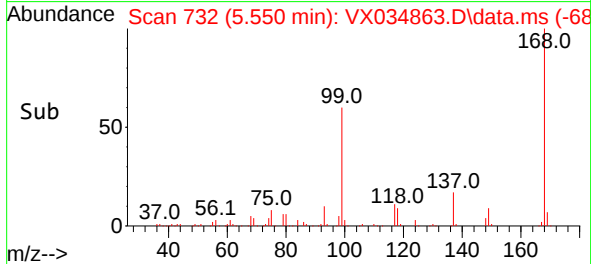
Instrument :
MSVOA_X
Client Sample Id :
VSTDCCC050



Tgt Ion: 168 Resp: 275640
Ion Ratio Lower Upper
168 100
99 59.5 45.7 68.5

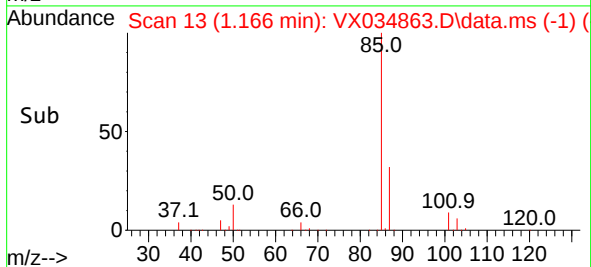
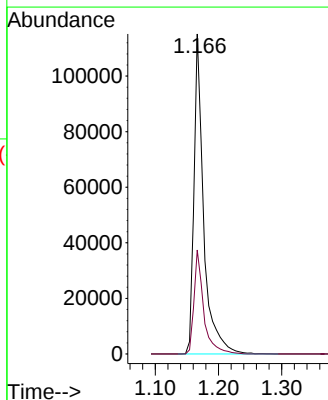
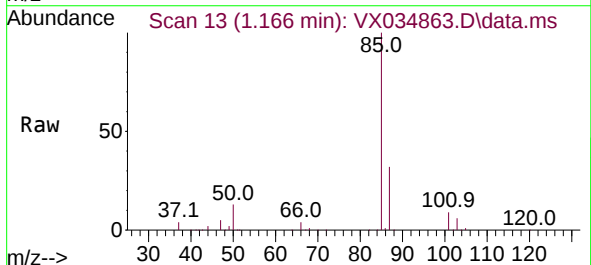
Manual Integrations
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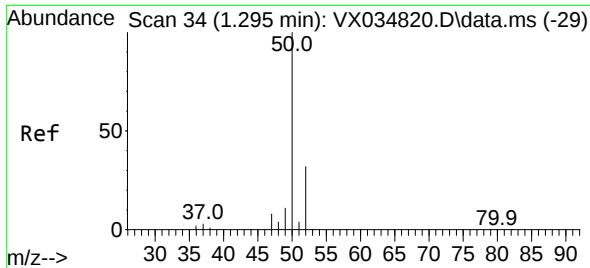
Reviewed By : John Carlone 04/03/2023
Supervised By : Mahesh Dadoda 04/03/2023



#2
Dichlorodifluoromethane
Concen: 44.648 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

Tgt Ion: 85 Resp: 122747
Ion Ratio Lower Upper
85 100
87 32.5 16.4 49.1





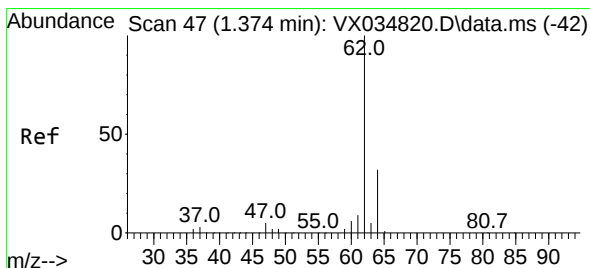
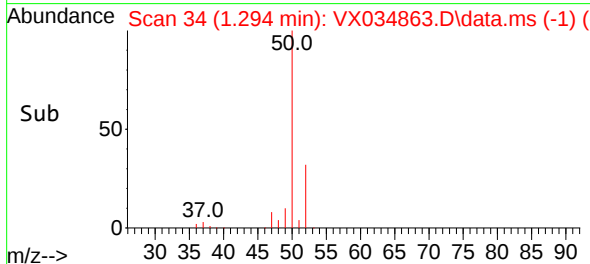
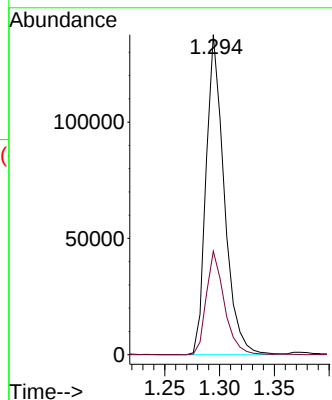
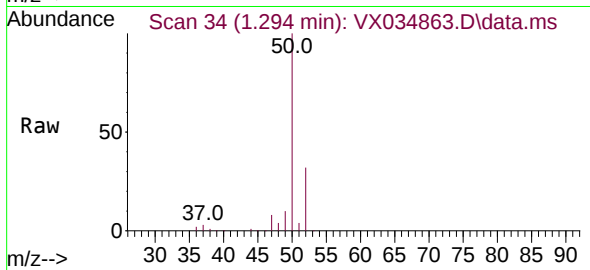
#3
Chloromethane
Concen: 46.019 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 158404
Ion Ratio Lower Upper
50 100
52 32.3 25.9 38.9

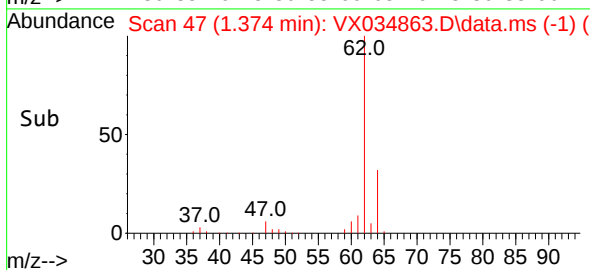
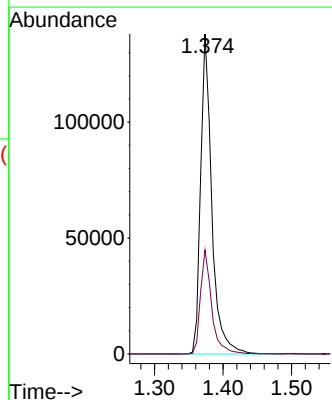
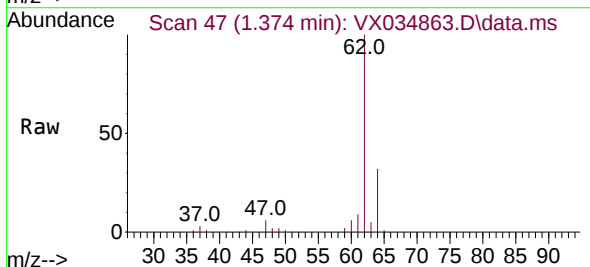
Manual Integrations
APPROVED

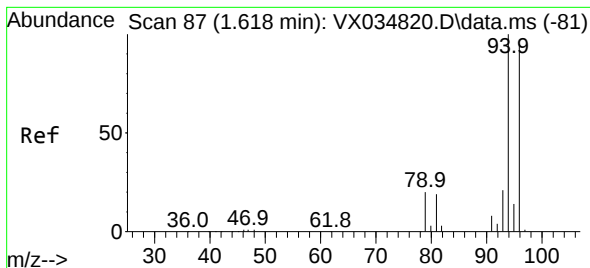
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#4
Vinyl Chloride
Concen: 45.937 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

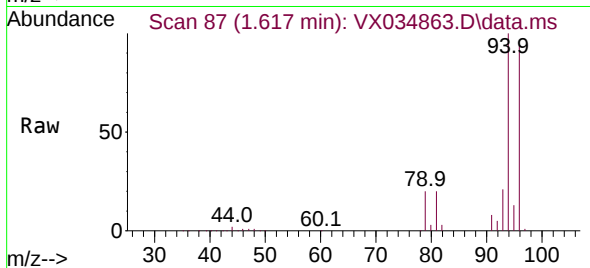
Tgt Ion: 62 Resp: 156563
Ion Ratio Lower Upper
62 100
64 32.4 26.4 39.6





#5
Bromomethane
Concen: 47.585 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

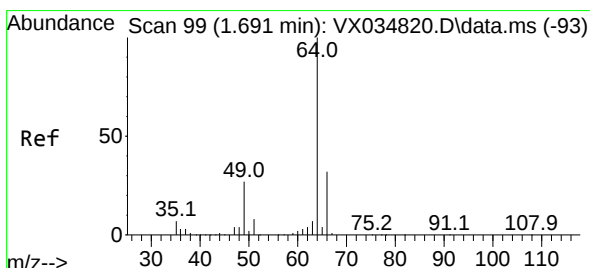
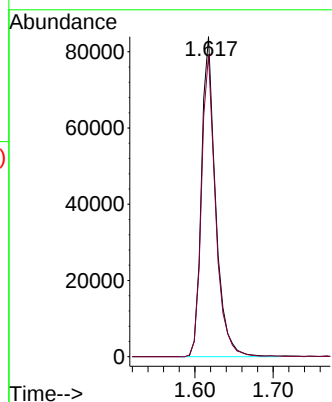
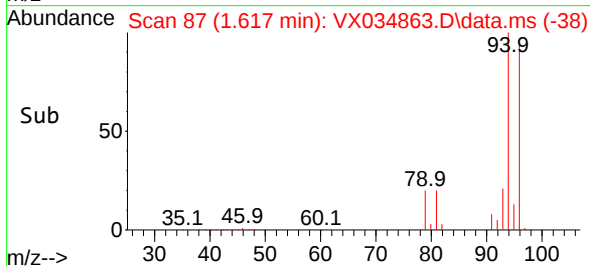
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Tgt Ion: 94 Resp: 105380
Ion Ratio Lower Upper
94 100
96 94.4 77.0 115.6

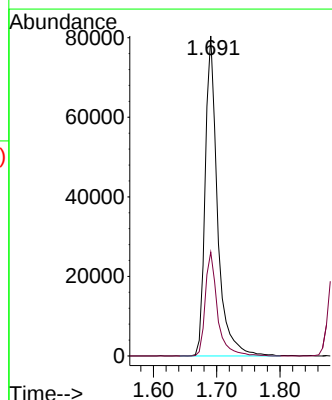
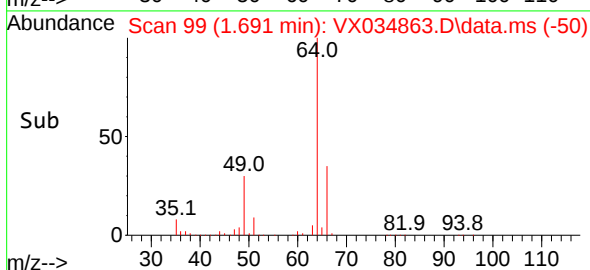
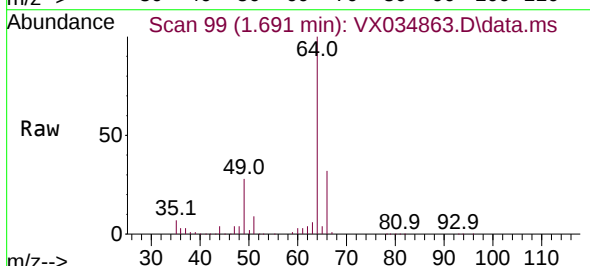
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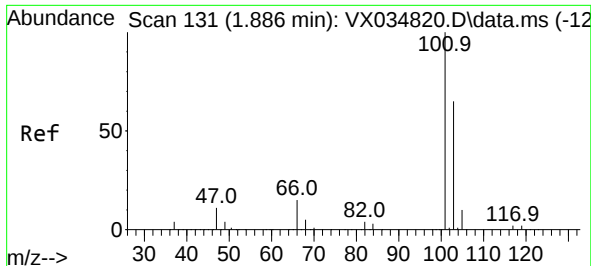
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#6
Chloroethane
Concen: 49.277 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

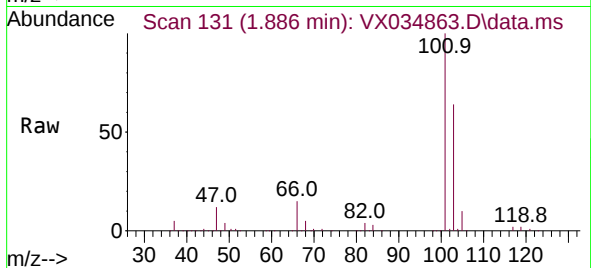
Tgt Ion: 64 Resp: 109268
Ion Ratio Lower Upper
64 100
66 32.5 26.2 39.4





#7
Trichlorofluoromethane
Concen: 48.069 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

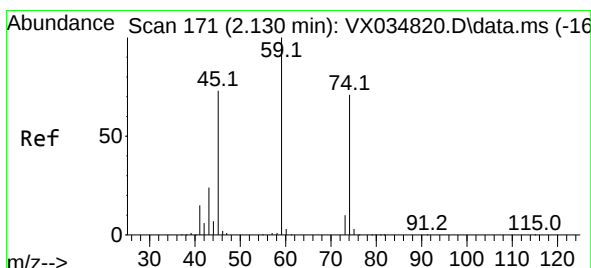
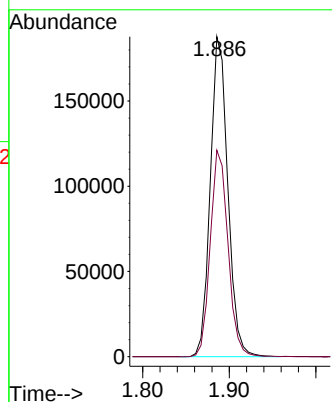
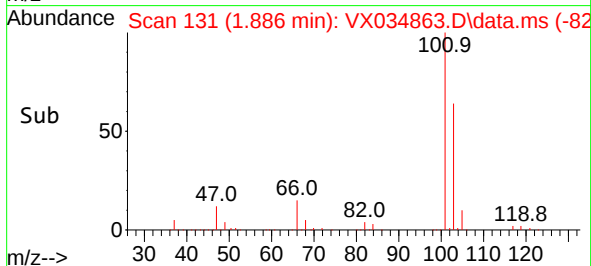
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 263379
Ion Ratio Lower Upper
101 100
103 64.5 52.0 78.0

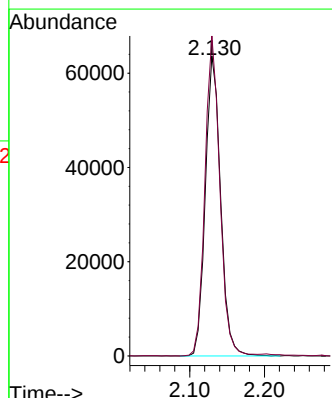
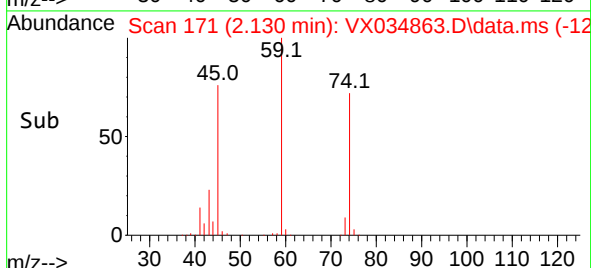
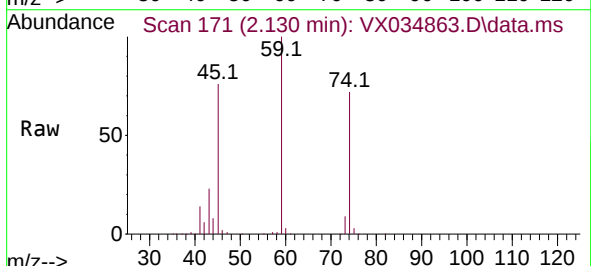
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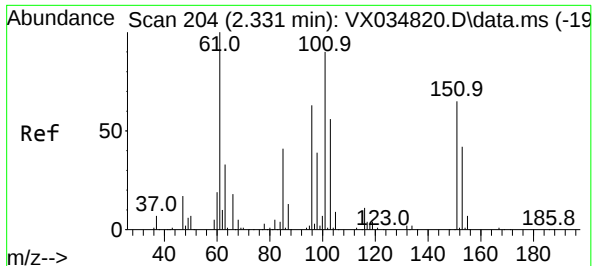
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#8
Diethyl Ether
Concen: 46.662 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

Tgt Ion: 74 Resp: 90133
Ion Ratio Lower Upper
74 100
45 104.2 49.8 149.3





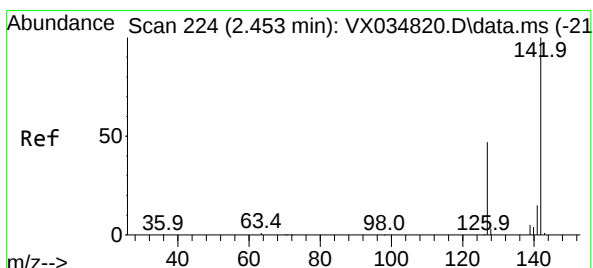
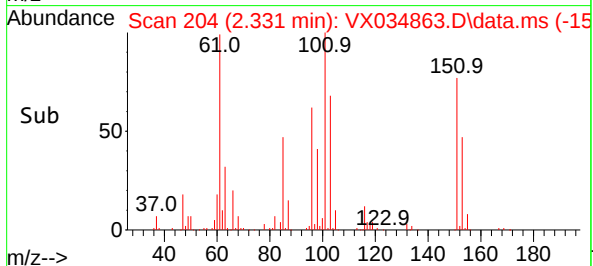
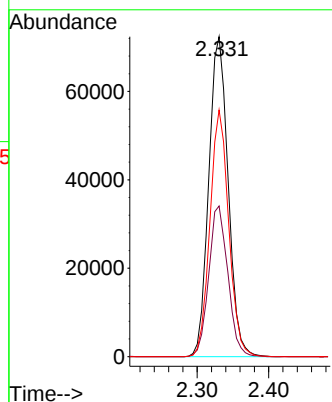
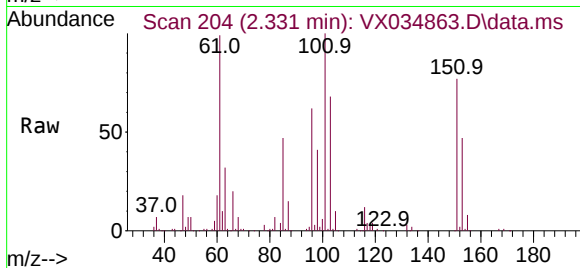
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.480 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 13597
Ion Ratio Lower Upper
101 100
85 46.6 35.4 53.2
151 75.0 60.2 90.4

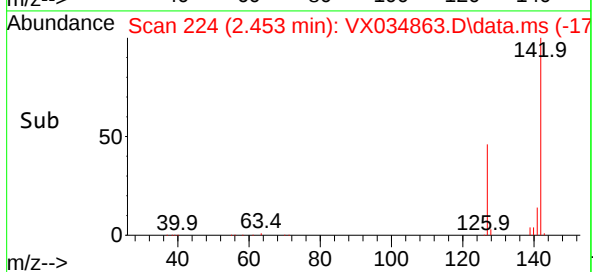
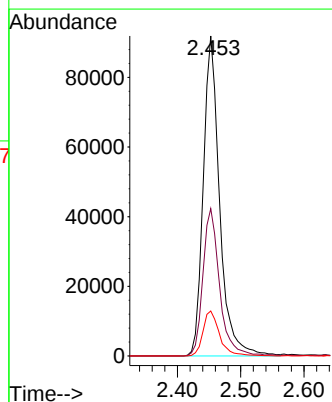
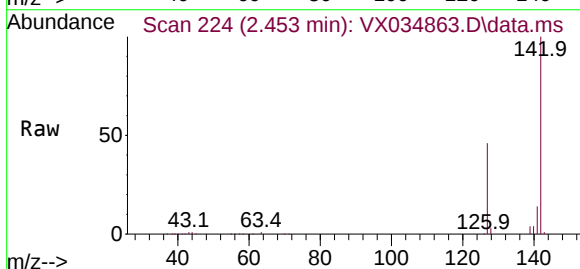
Manual Integrations
APPROVED

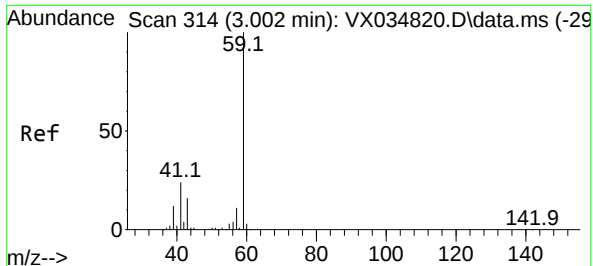
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#10
Methyl Iodide
Concen: 46.497 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

Tgt Ion:142 Resp: 165821
Ion Ratio Lower Upper
142 100
127 47.0 34.0 51.0
141 14.2 11.1 16.7





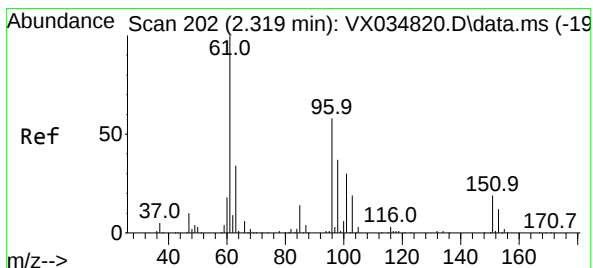
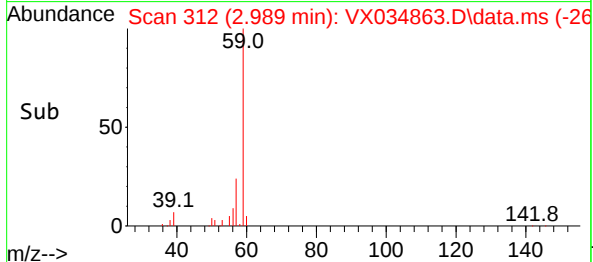
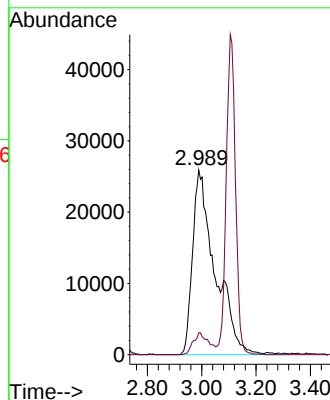
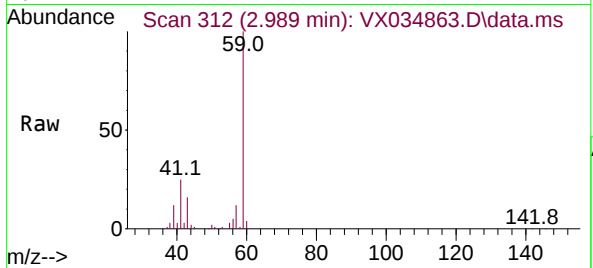
#11
Tert butyl alcohol
Concen: 202.601 ug/l m
RT: 2.989 min Scan# 314
Delta R.T. -0.012 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 149849
Ion Ratio Lower Upper
59 100
57 8.0 8.1 12.1

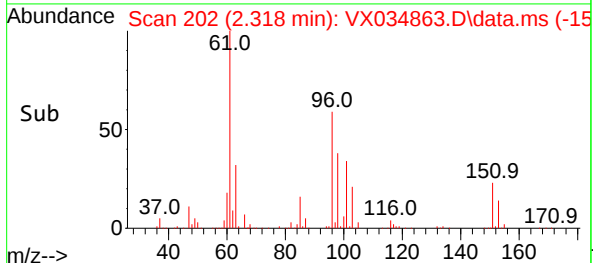
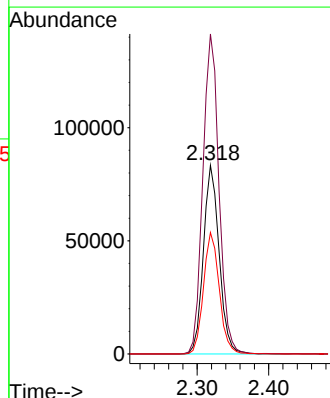
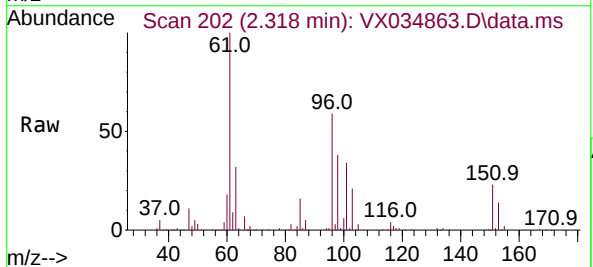
Manual Integrations
APPROVED

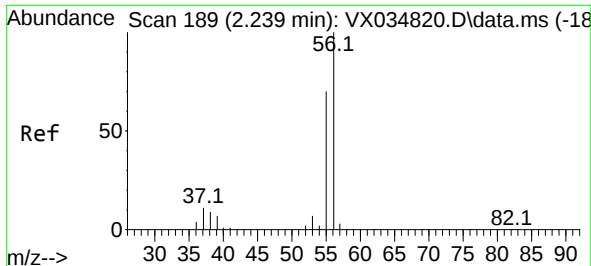
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#12
1,1-Dichloroethene
Concen: 45.158 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

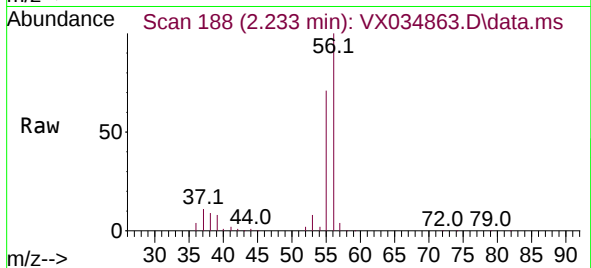
Tgt Ion: 96 Resp: 127786
Ion Ratio Lower Upper
96 100
61 169.6 128.8 193.2
98 64.3 51.4 77.0





#13
Acrolein
Concen: 221.590 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

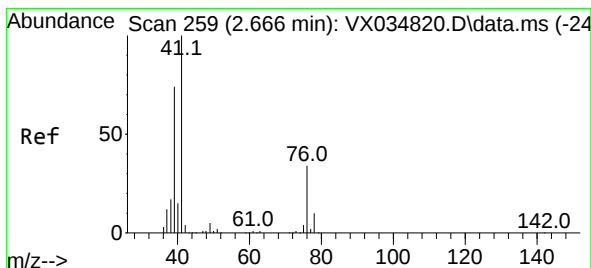
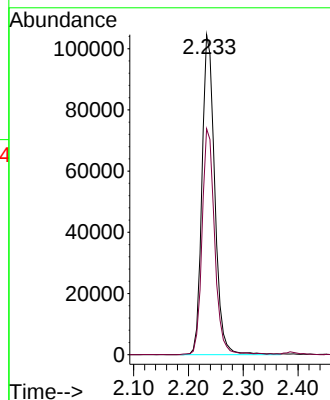
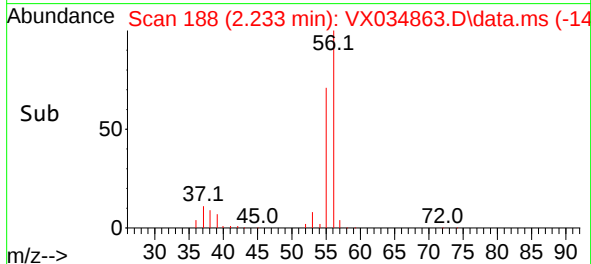
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 16871
Ion Ratio Lower Upper
56 100
55 69.5 56.6 85.0

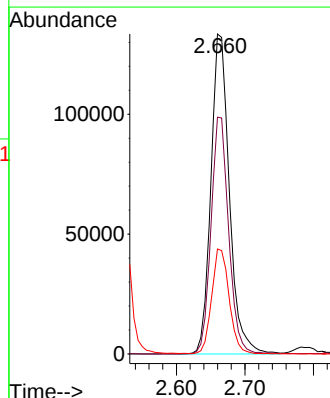
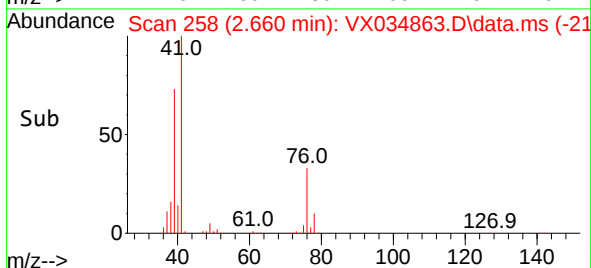
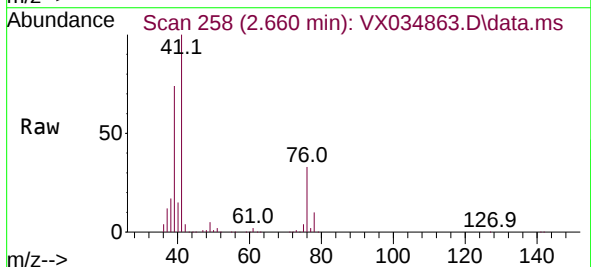
Manual Integrations
APPROVED

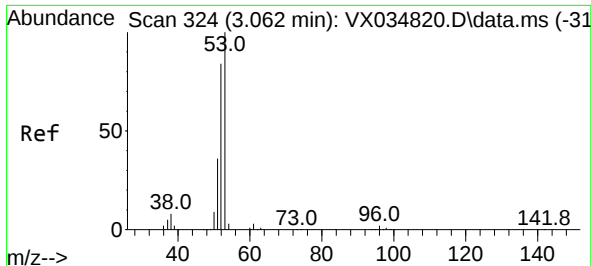
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#14
Allyl chloride
Concen: 45.063 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

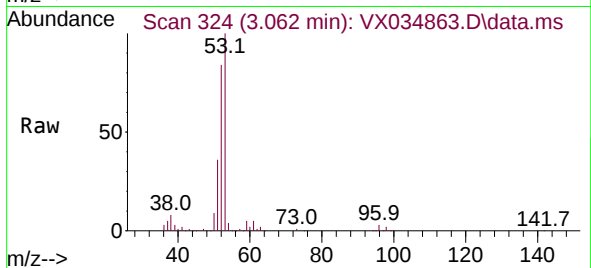
Tgt Ion: 41 Resp: 249819
Ion Ratio Lower Upper
41 100
39 70.8 52.4 78.6
76 31.0 26.0 39.0





#15
Acrylonitrile
Concen: 220.055 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

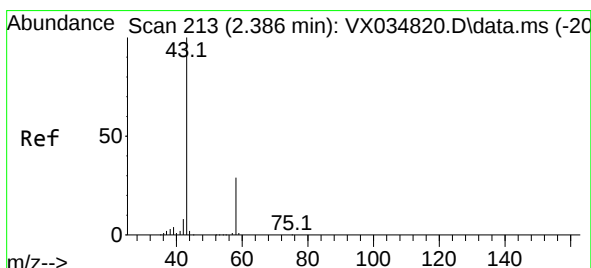
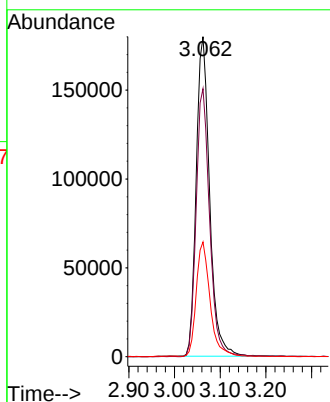
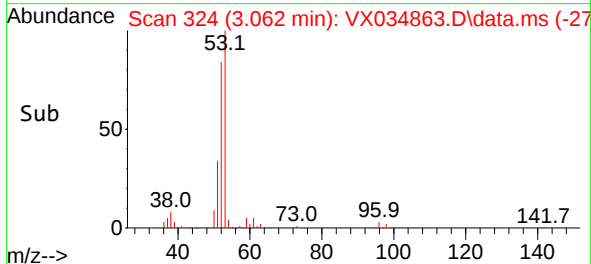
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 366360
Ion Ratio Lower Upper
53 100
52 84.2 66.2 99.2
51 36.6 28.3 42.5

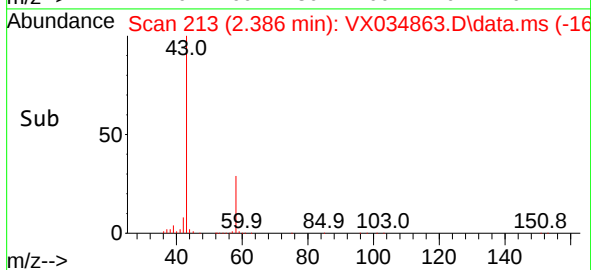
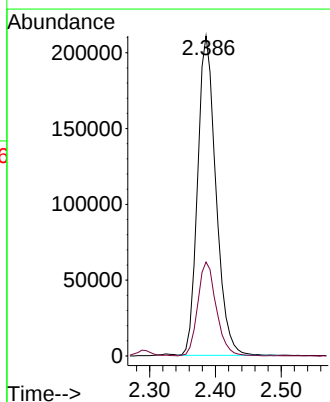
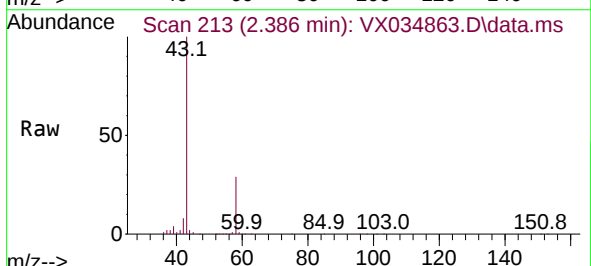
Manual Integrations
APPROVED

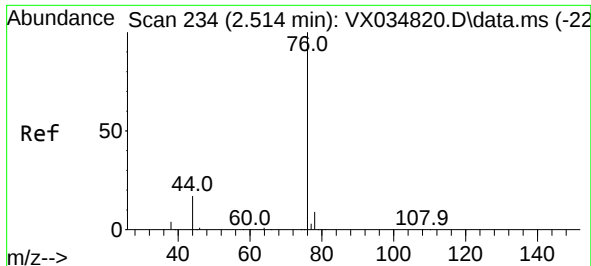
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#16
Acetone
Concen: 237.572 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

Tgt Ion: 43 Resp: 406839
Ion Ratio Lower Upper
43 100
58 29.4 24.7 37.1





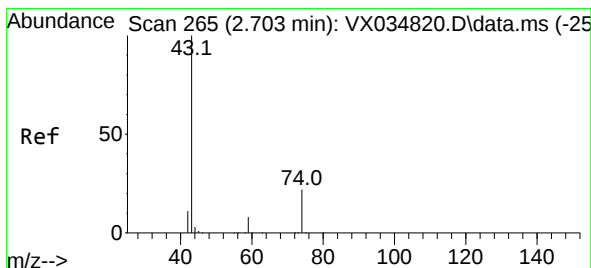
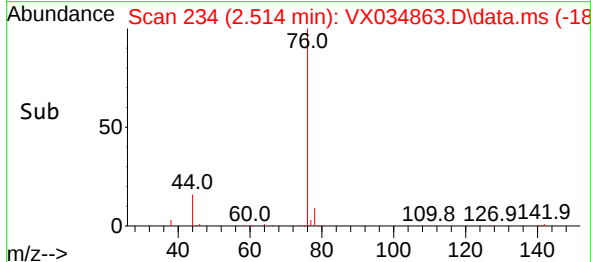
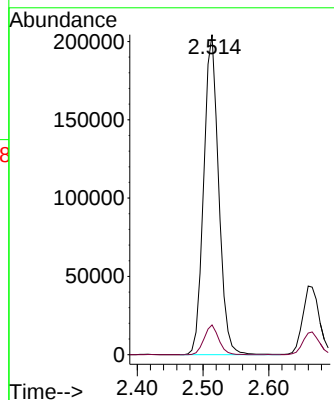
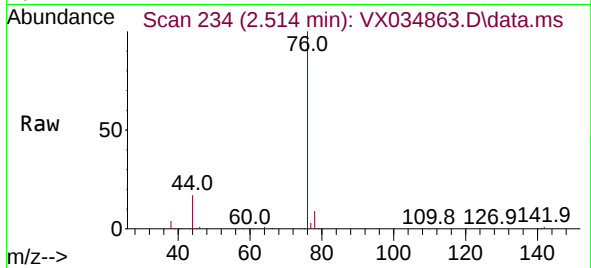
#17
Carbon Disulfide
Concen: 45.501 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 322470
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

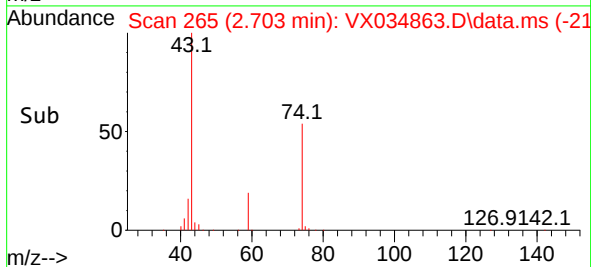
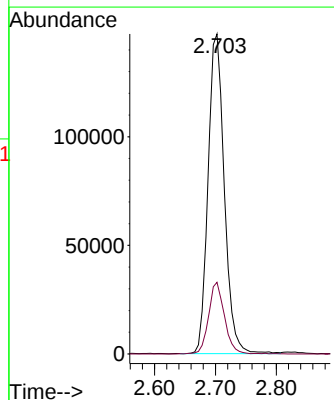
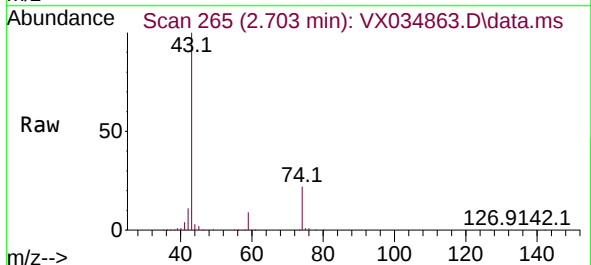
Manual Integrations
APPROVED

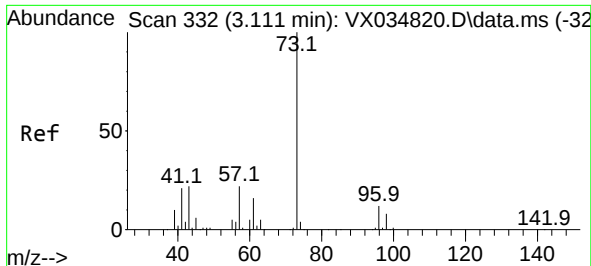
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#18
Methyl Acetate
Concen: 44.898 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

Tgt Ion: 43 Resp: 273182
Ion Ratio Lower Upper
43 100
74 21.9 18.3 27.5





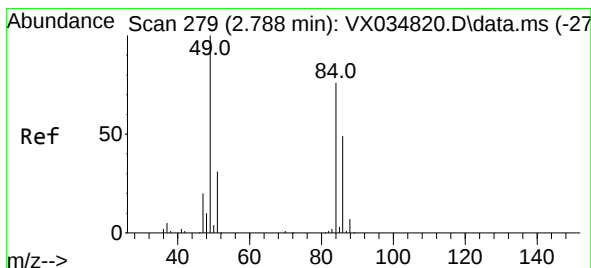
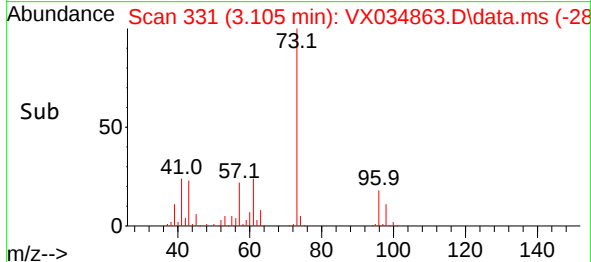
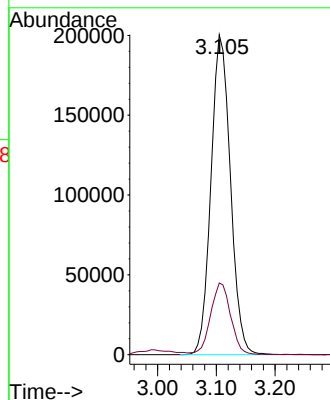
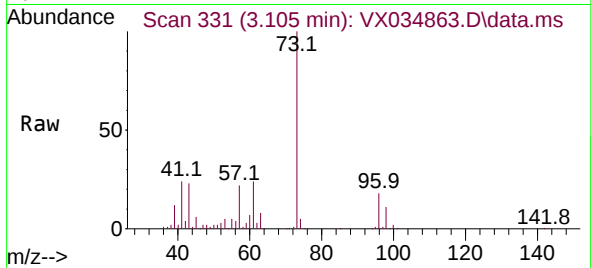
#19
Methyl tert-butyl Ether
Concen: 43.974 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 460712
Ion Ratio Lower Upper
73 100
57 22.3 18.5 27.7

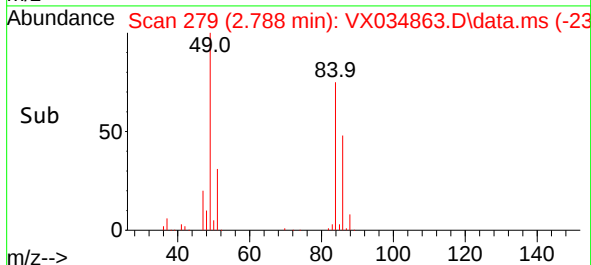
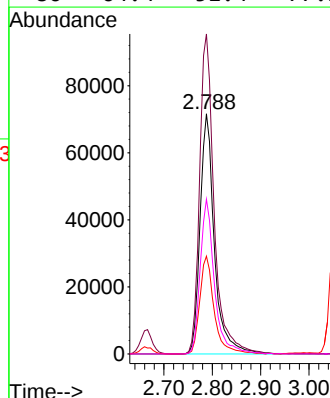
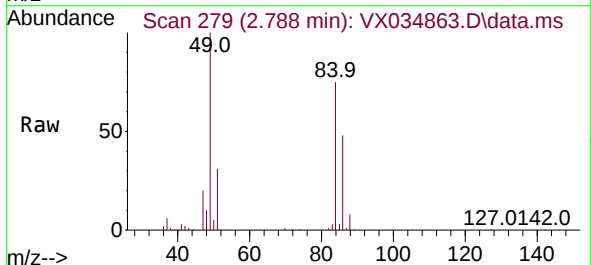
Manual Integrations
APPROVED

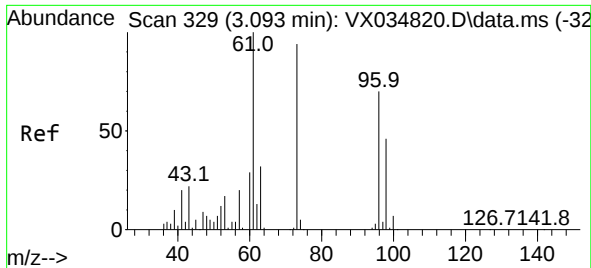
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#20
Methylene Chloride
Concen: 43.688 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

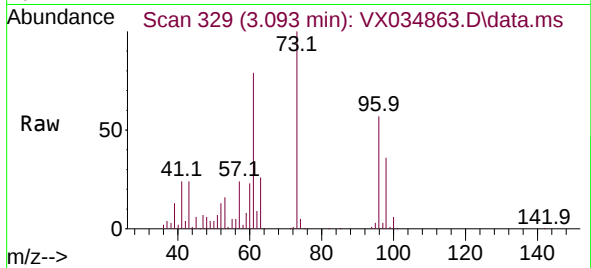
Tgt Ion: 84 Resp: 147633
Ion Ratio Lower Upper
84 100
49 133.3 103.8 155.8
51 40.7 31.8 47.8
86 64.4 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 45.651 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

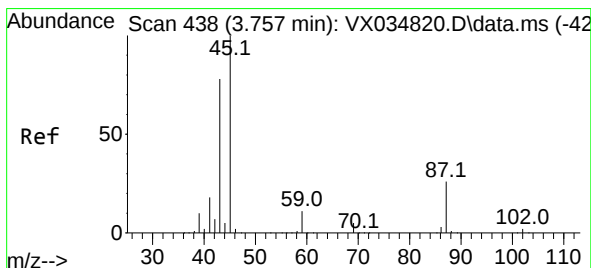
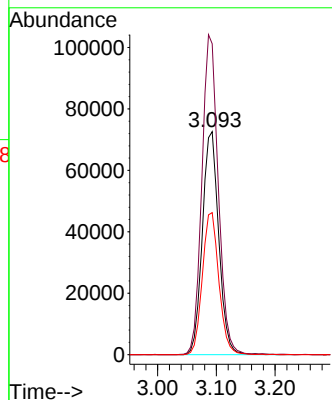
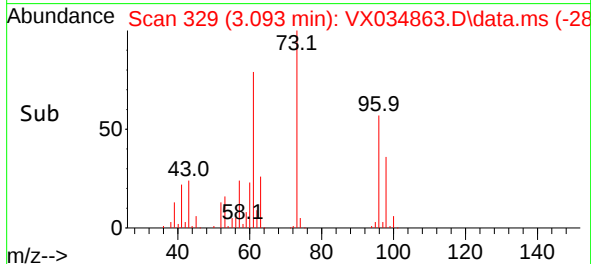
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



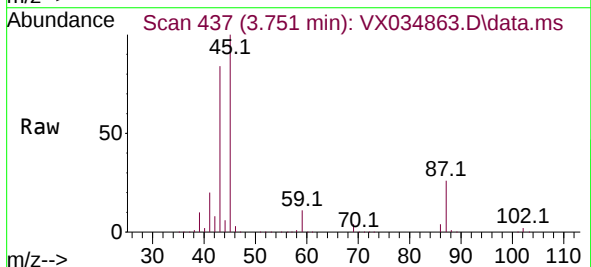
Tgt Ion: 96 Resp: 14088
Ion Ratio Lower Upper
96 100
61 139.2 113.0 169.6
98 63.7 52.1 78.1

Manual Integrations
APPROVED

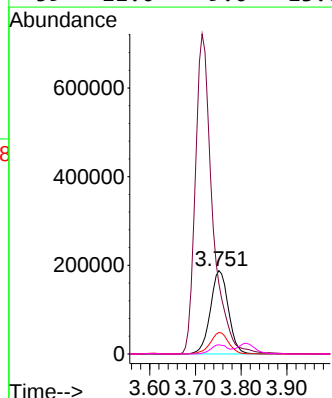
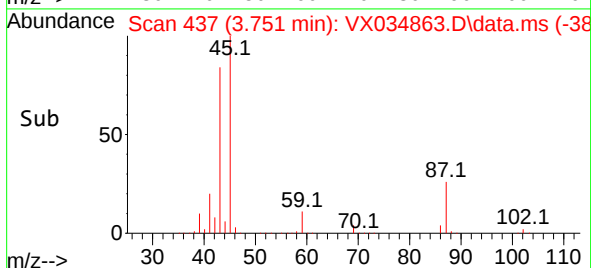
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

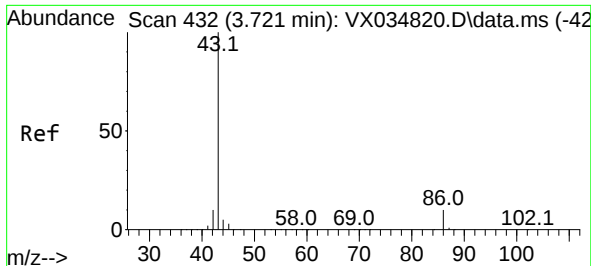


#22
Diisopropyl ether
Concen: 45.842 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01



Tgt Ion: 45 Resp: 512785
Ion Ratio Lower Upper
45 100
43 83.7 65.4 98.2
87 25.8 20.6 31.0
59 11.0 9.0 13.6





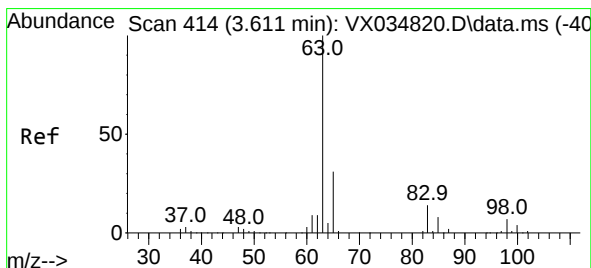
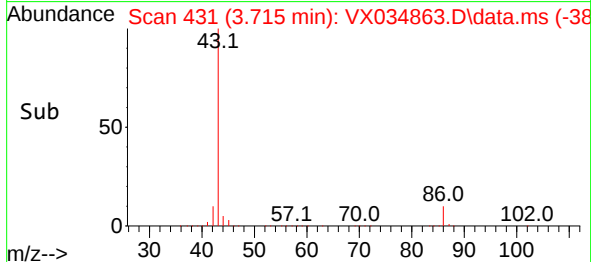
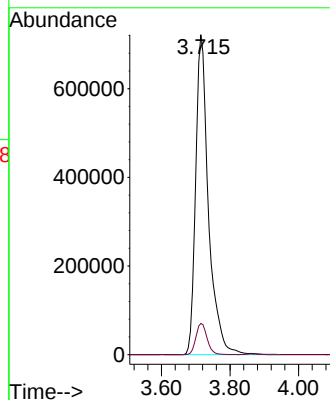
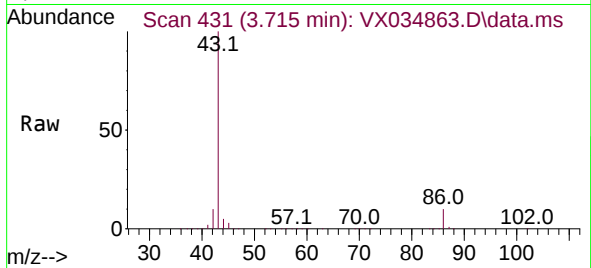
#23
 Vinyl Acetate
 Concen: 236.605 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX034863.D
 Acq: 31 Mar 2023 09:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 188756
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.5 12.7

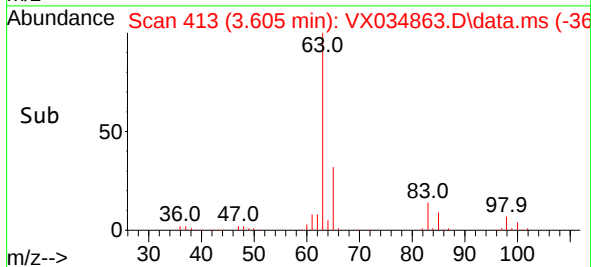
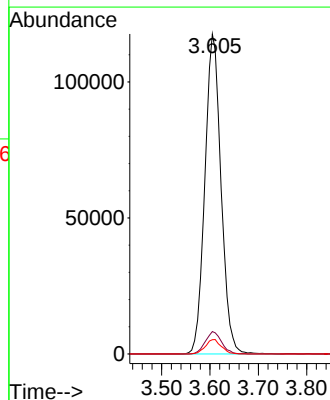
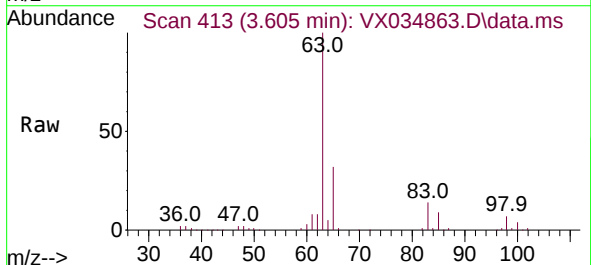
Manual Integrations
 APPROVED

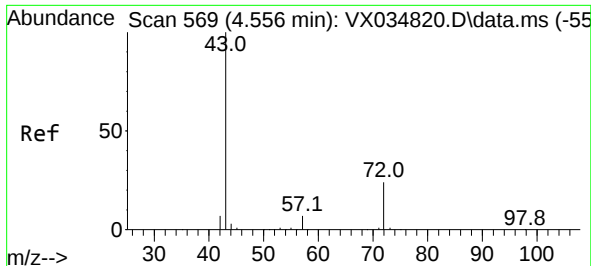
Reviewed By :John Carlone 04/03/2023
 Supervised By :Mahesh Dadoda 04/03/2023



#24
 1,1-Dichloroethane
 Concen: 45.354 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX034863.D
 Acq: 31 Mar 2023 09:01

Tgt Ion: 63 Resp: 272968
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.2
 100 4.4 2.4 7.1





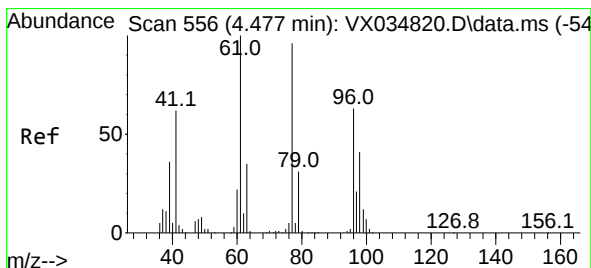
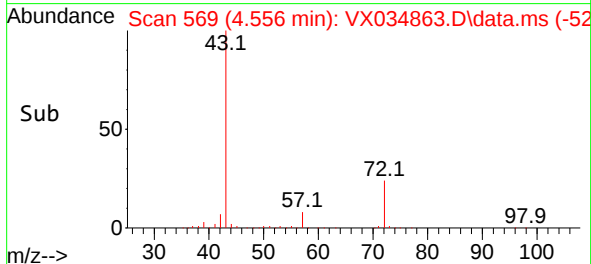
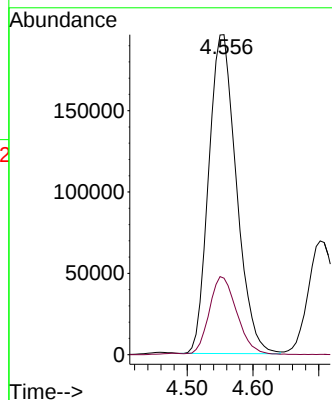
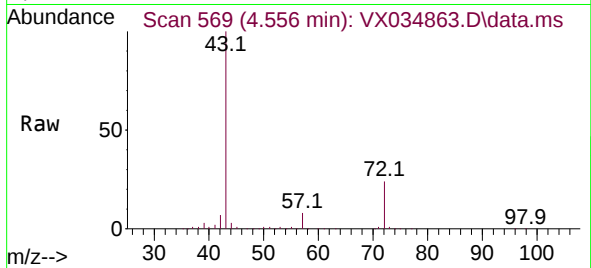
#25
2-Butanone
Concen: 230.664 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 574592
Ion Ratio Lower Upper
43 100
72 23.8 19.3 28.9

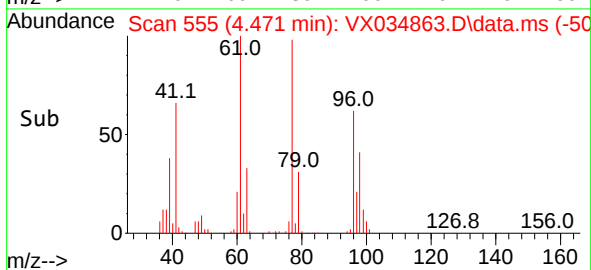
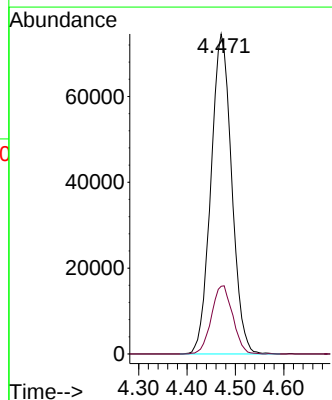
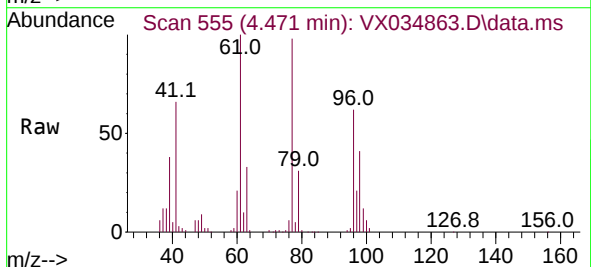
Manual Integrations
APPROVED

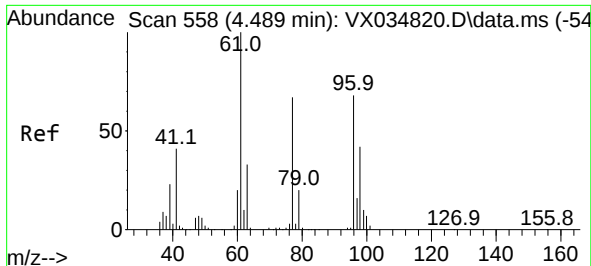
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#26
2,2-Dichloropropane
Concen: 44.942 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

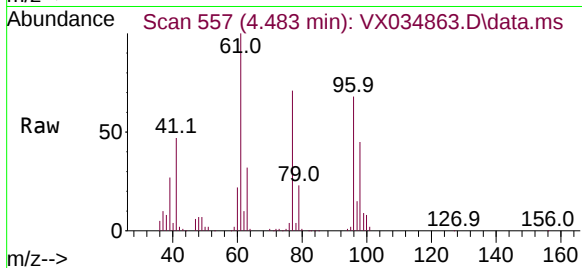
Tgt Ion: 77 Resp: 222437
Ion Ratio Lower Upper
77 100
97 21.8 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 45.160 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX034863.D
 Acq: 31 Mar 2023 09:01

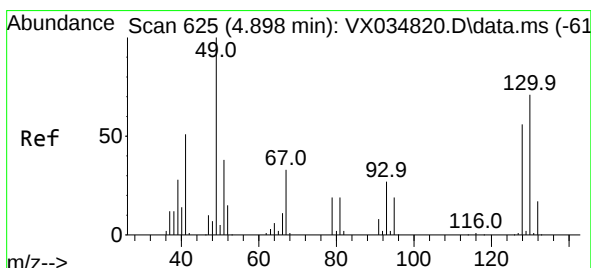
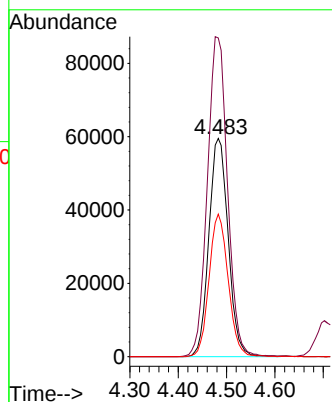
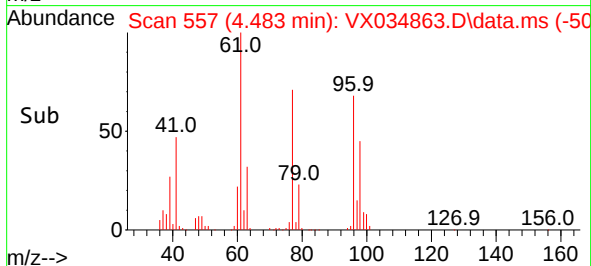
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 16514
 Ion Ratio Lower Upper
 96 100
 61 153.1 0.0 300.4
 98 64.5 0.0 129.0

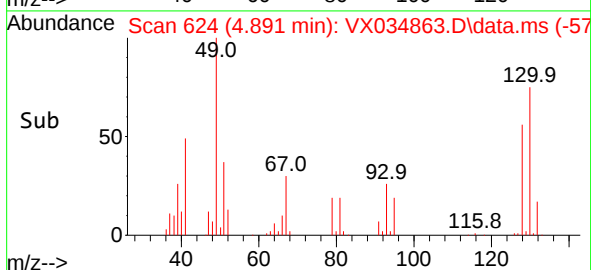
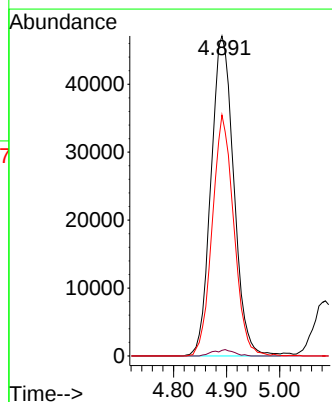
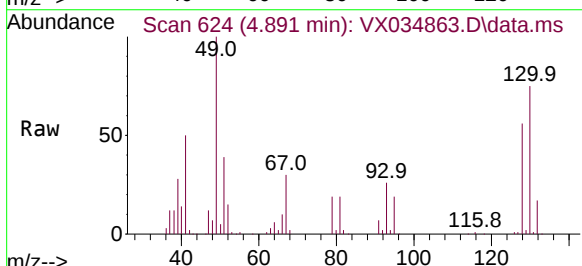
Manual Integrations
 APPROVED

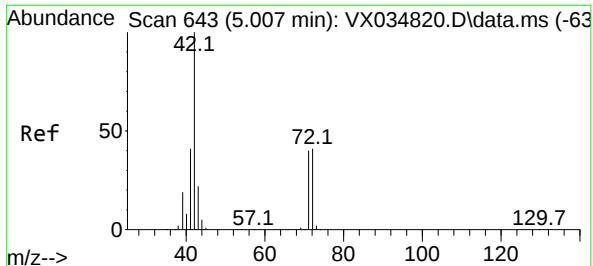
Reviewed By :John Carlone 04/03/2023
 Supervised By :Mahesh Dadoda 04/03/2023



#28
 Bromochloromethane
 Concen: 47.735 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX034863.D
 Acq: 31 Mar 2023 09:01

Tgt Ion: 49 Resp: 140538
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.0
 130 71.2 58.2 87.2





#29

Tetrahydrofuran

Concen: 220.886 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX034863.D

Acq: 31 Mar 2023 09:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 344698

Ion Ratio Lower Upper

42 100

72 41.8 34.5 51.7

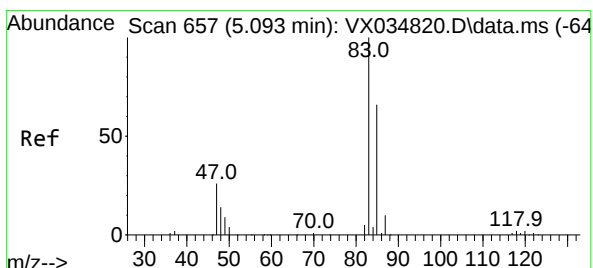
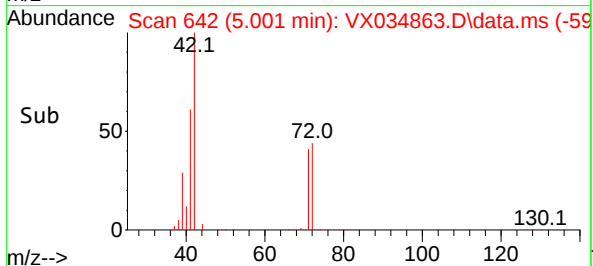
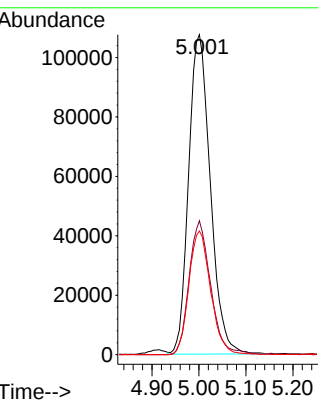
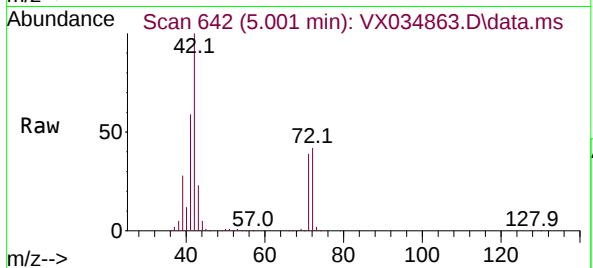
71 38.9 32.1 48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#30

Chloroform

Concen: 45.385 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX034863.D

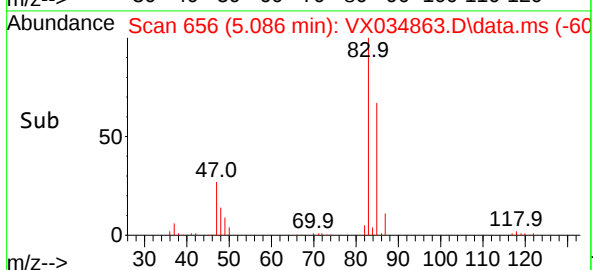
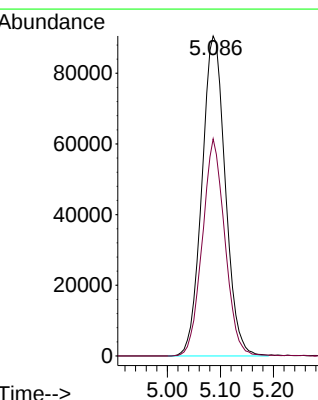
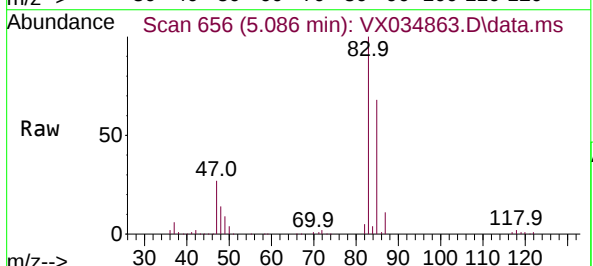
Acq: 31 Mar 2023 09:01

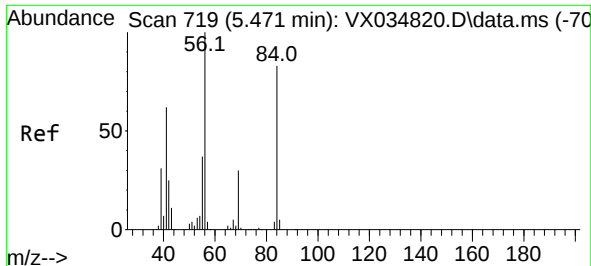
Tgt Ion: 83 Resp: 277441

Ion Ratio Lower Upper

83 100

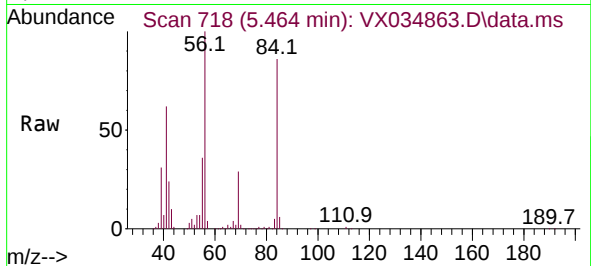
85 67.9 50.6 76.0





#31
Cyclohexane
Concen: 48.168 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

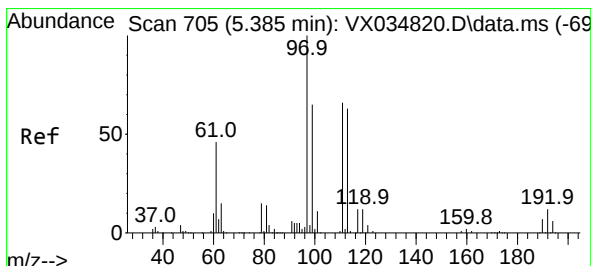
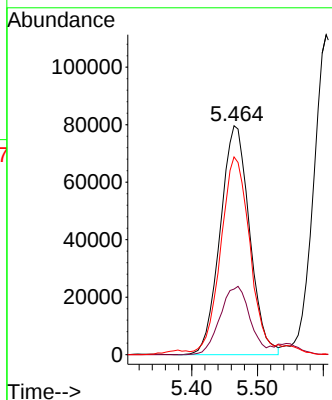
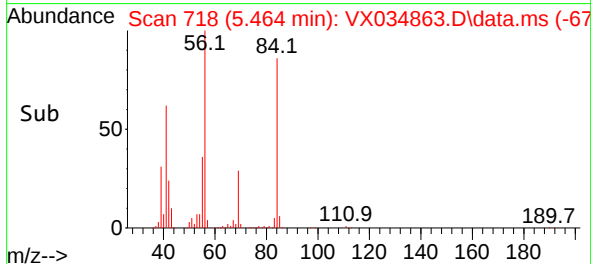
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 247249
Ion Ratio Lower Upper
56 100
69 28.6 23.7 35.5
84 84.4 68.5 102.7

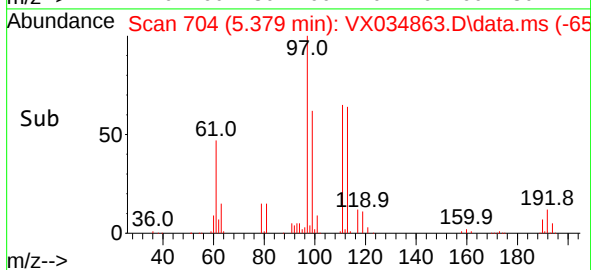
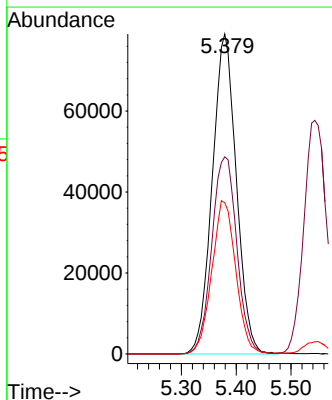
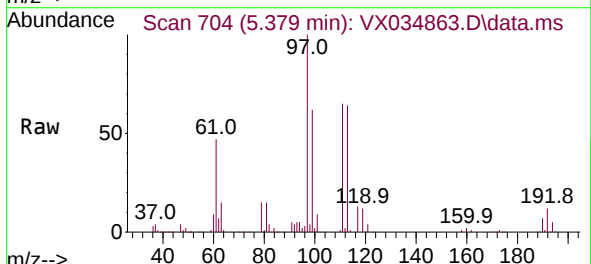
Manual Integrations
APPROVED

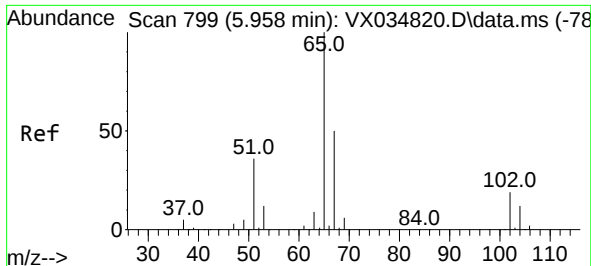
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#32
1,1,1-Trichloroethane
Concen: 46.166 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

Tgt Ion: 97 Resp: 240832
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 47.9 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 47.048 ug/l

RT: 5.946 min Scan# 79

Delta R.T. -0.012 min

Lab File: VX034863.D

Acq: 31 Mar 2023 09:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 19833

Ion Ratio Lower Upper

65 100

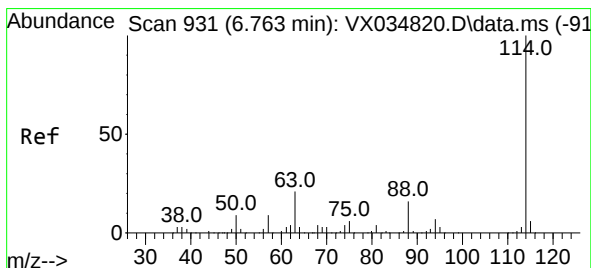
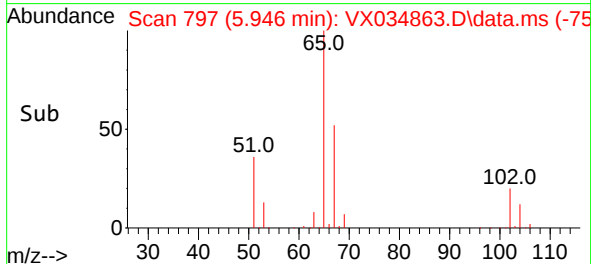
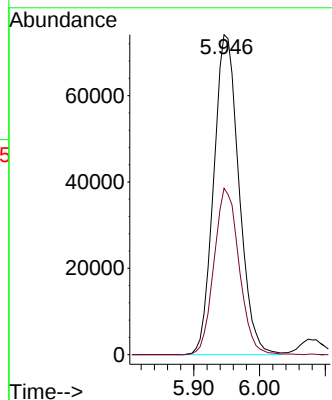
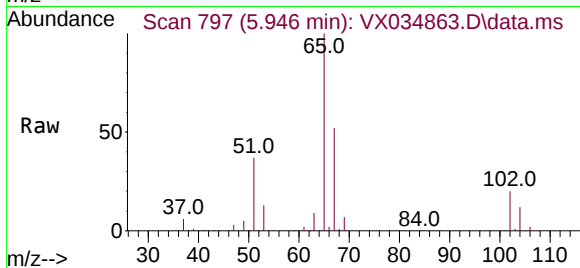
67 51.7 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX034863.D

Acq: 31 Mar 2023 09:01

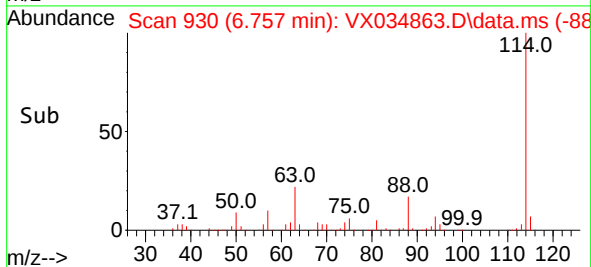
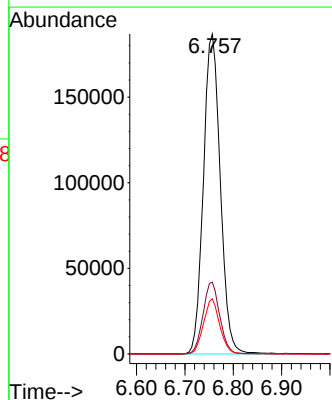
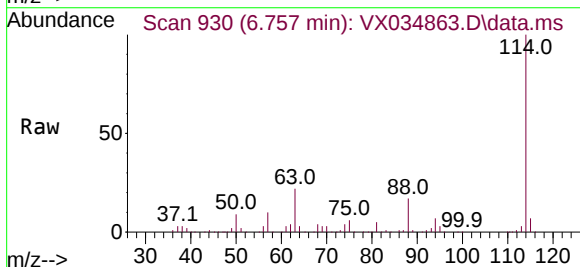
Tgt Ion:114 Resp: 453674

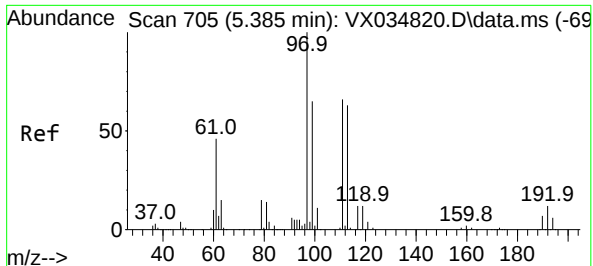
Ion Ratio Lower Upper

114 100

63 22.5 0.0 42.2

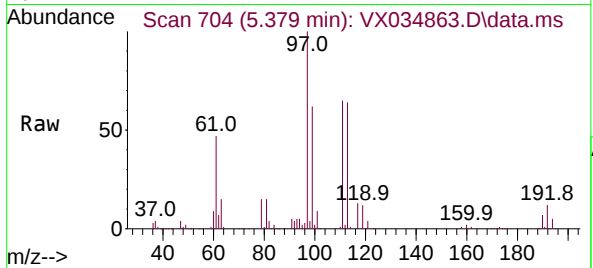
88 17.3 0.0 33.2





#35
Dibromofluoromethane
Concen: 49.858 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

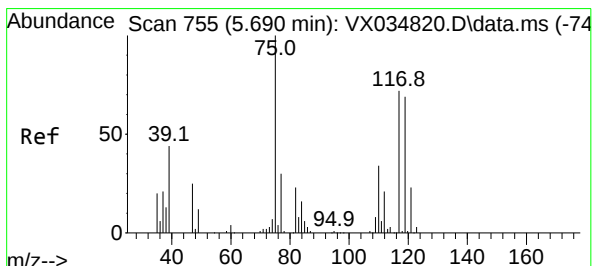
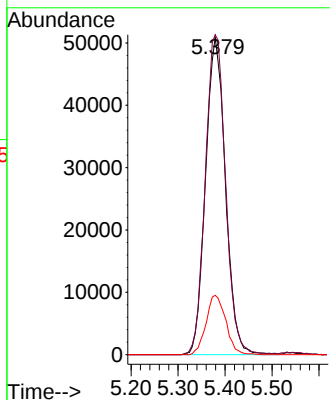
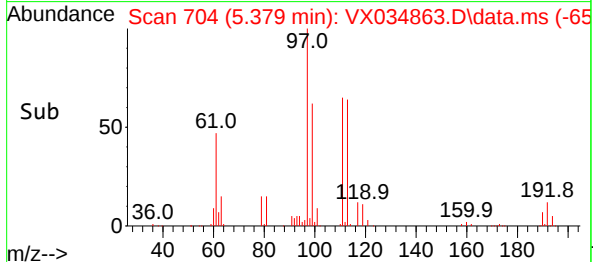
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 149609
Ion Ratio Lower Upper
113 100
111 102.8 83.7 125.5
192 18.6 15.4 23.2

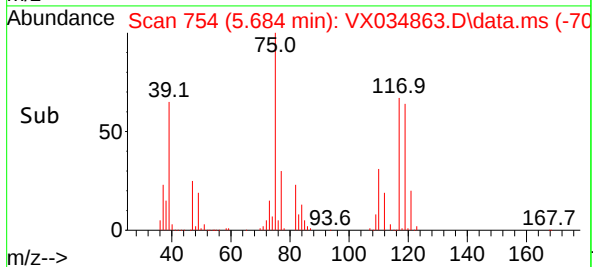
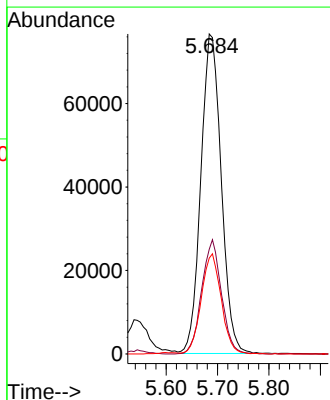
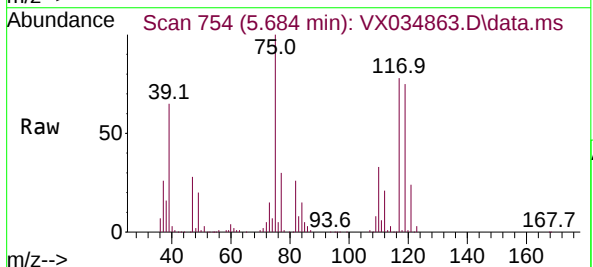
Manual Integrations
APPROVED

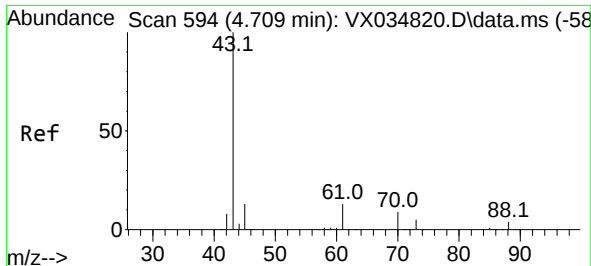
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#36
1,1-Dichloropropene
Concen: 47.418 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

Tgt Ion: 75 Resp: 210801
Ion Ratio Lower Upper
75 100
110 34.7 17.5 52.5
77 30.8 24.3 36.5





#37

Ethyl Acetate

Concen: 45.549 ug/l

RT: 4.702 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX034863.D

Acq: 31 Mar 2023 09:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 21173

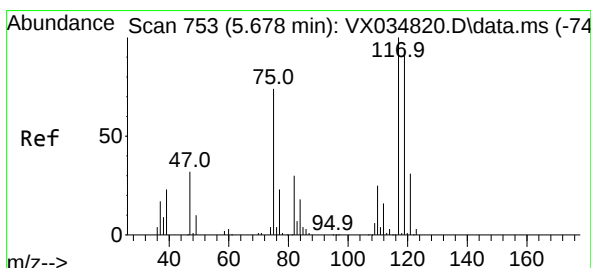
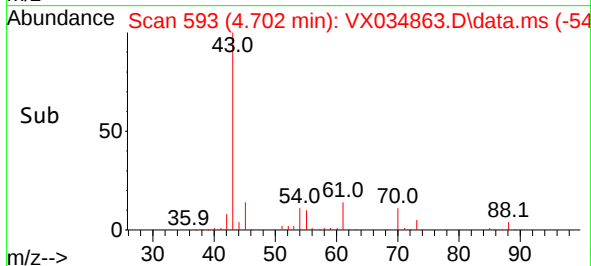
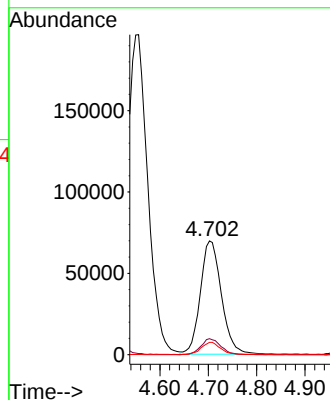
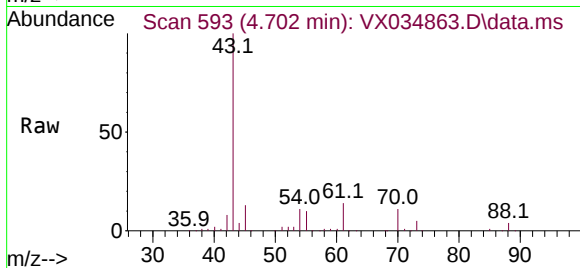
Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.2	15.4
70	10.0	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#38

Carbon Tetrachloride

Concen: 49.006 ug/l

RT: 5.672 min Scan# 752

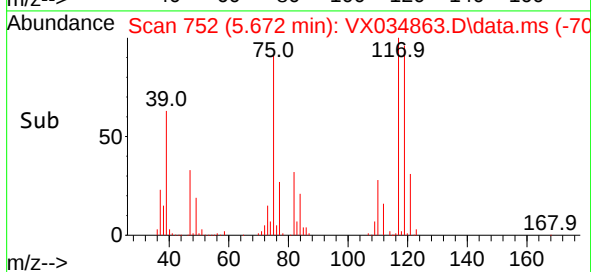
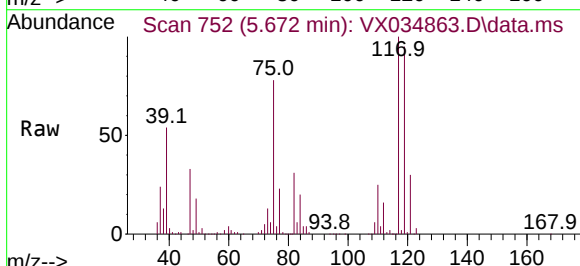
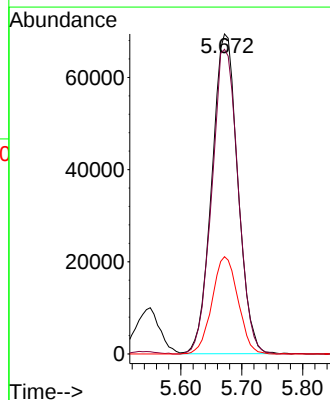
Delta R.T. -0.006 min

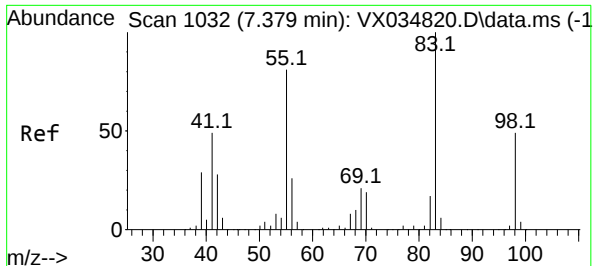
Lab File: VX034863.D

Acq: 31 Mar 2023 09:01

Tgt Ion:117 Resp: 205400

Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.6	114.8
121	30.4	23.8	35.6





#39

Methylcyclohexane

Concen: 49.406 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX034863.D

Acq: 31 Mar 2023 09:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 23323

Ion Ratio Lower Upper

83 100

55 76.9 60.5 90.7

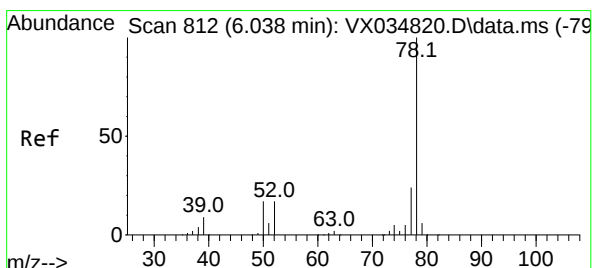
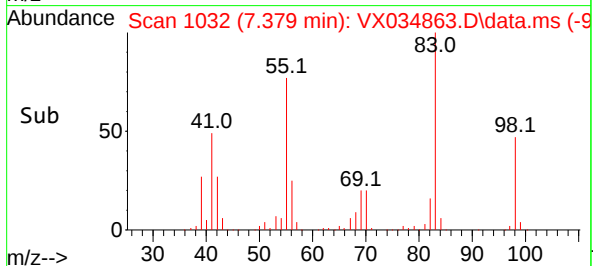
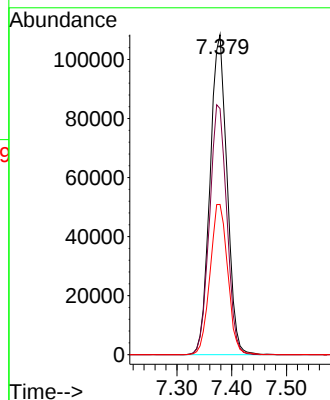
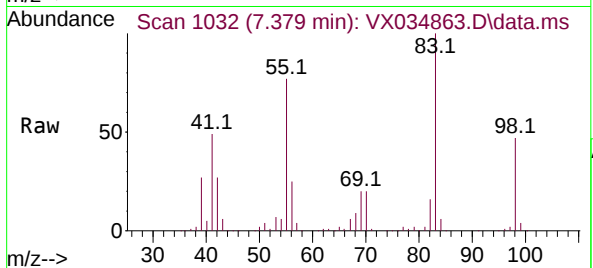
98 47.0 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#40

Benzene

Concen: 46.836 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX034863.D

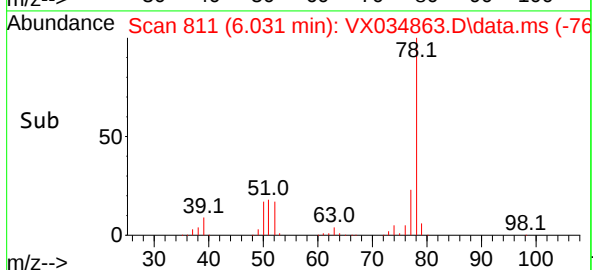
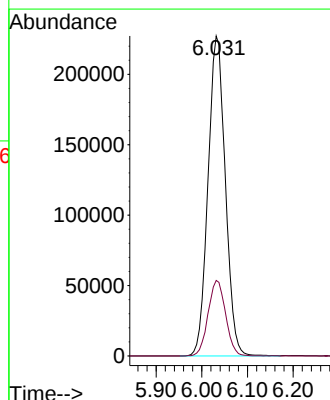
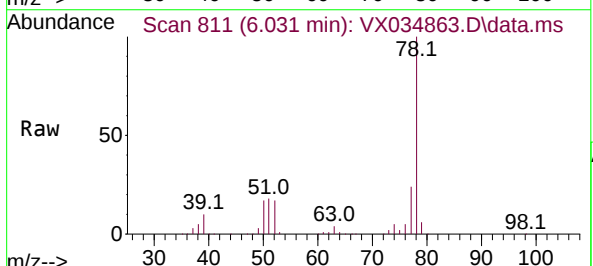
Acq: 31 Mar 2023 09:01

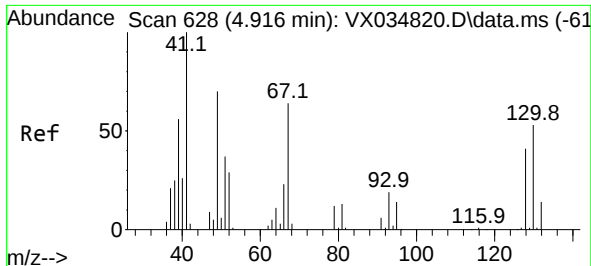
Tgt Ion: 78 Resp: 597693

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.4





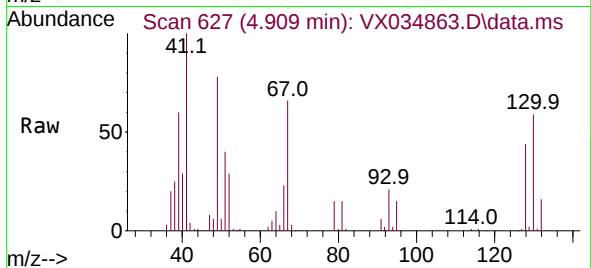
#41
Methacrylonitrile
Concen: 47.134 ug/l
RT: 4.909 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



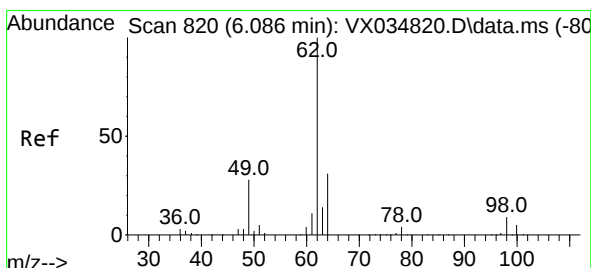
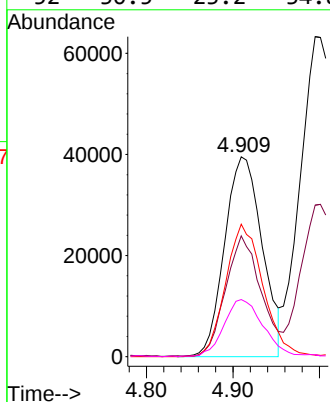
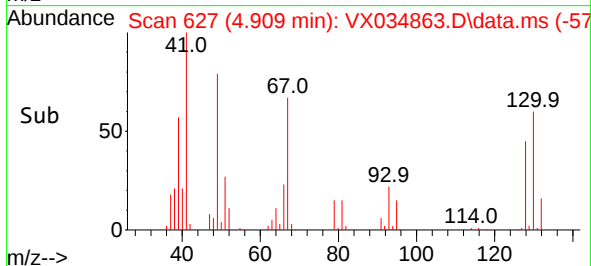
Tgt Ion: 41 Resp: 119154
Ion Ratio Lower Upper
41 100
39 57.4 45.0 67.6
67 66.3 55.6 83.4
52 30.5 23.2 34.8

Manual Integrations

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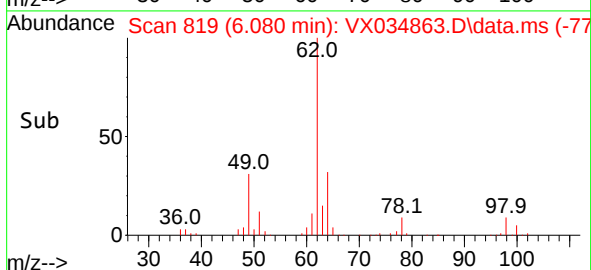
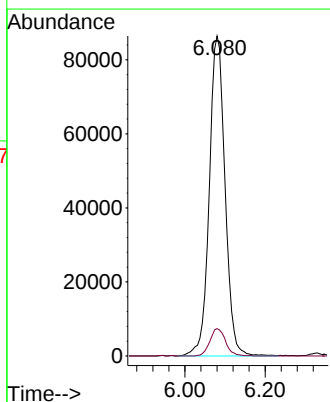
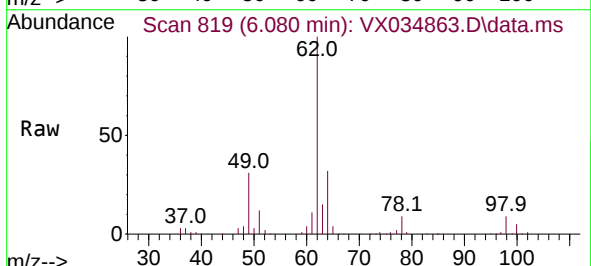
Reviewed By :John Carlone 04/03/2023

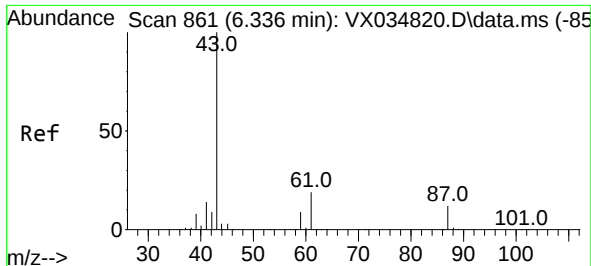
Supervised By :Mahesh Dadoda 04/03/2023



#42
1,2-Dichloroethane
Concen: 46.544 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

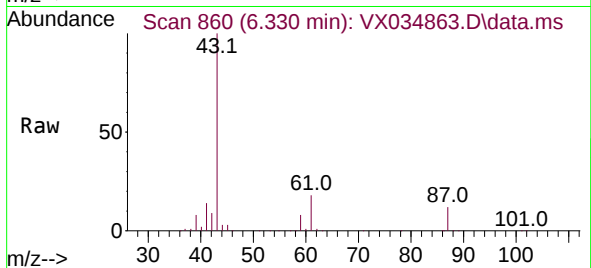
Tgt Ion: 62 Resp: 236143
Ion Ratio Lower Upper
62 100
98 8.5 0.0 18.0





#43
Isopropyl Acetate
Concen: 46.372 ug/l
RT: 6.330 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

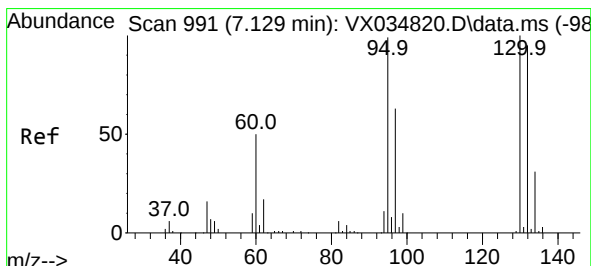
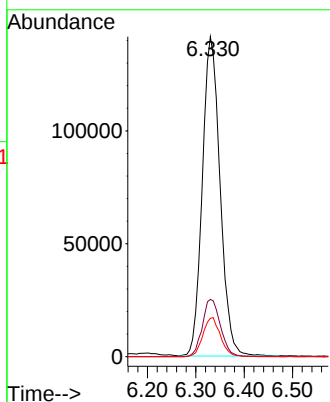
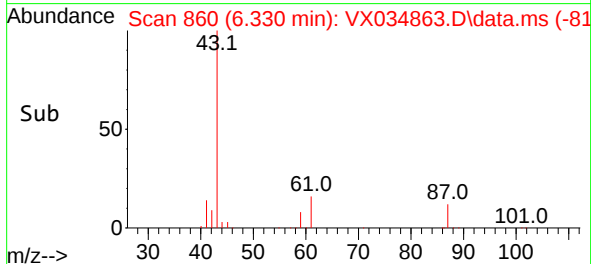
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 360632
Ion Ratio Lower Upper
43 100
61 18.4 15.2 22.8
87 12.2 9.8 14.8

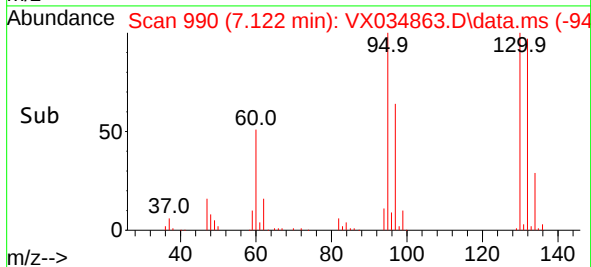
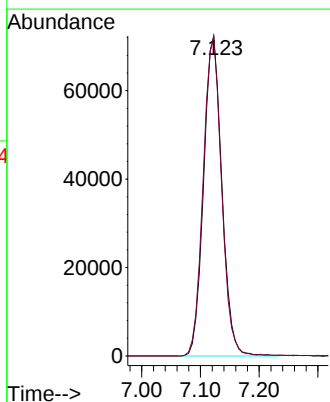
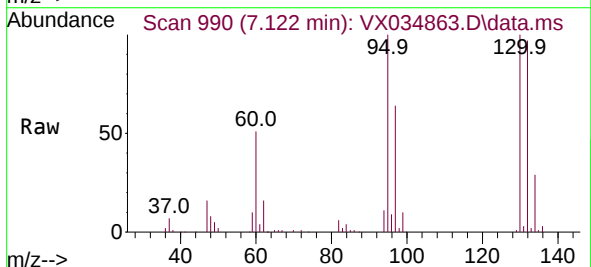
Manual Integrations
APPROVED

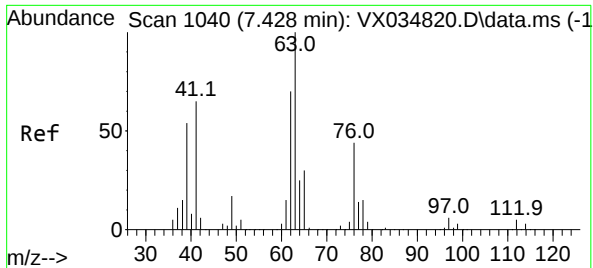
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#44
Trichloroethene
Concen: 47.840 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

Tgt Ion:130 Resp: 155843
Ion Ratio Lower Upper
130 100
95 99.8 0.0 198.4





#45
1,2-Dichloropropane
Concen: 47.527 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

Instrument :

MSVOA_X

ClientSampleId :

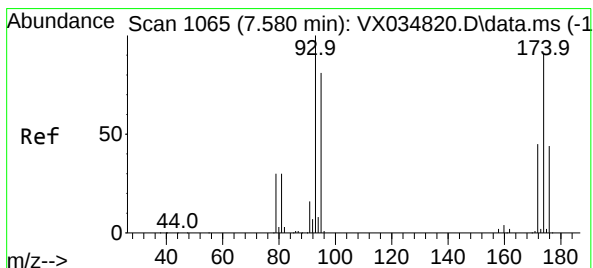
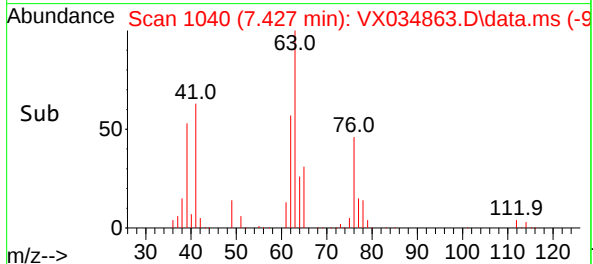
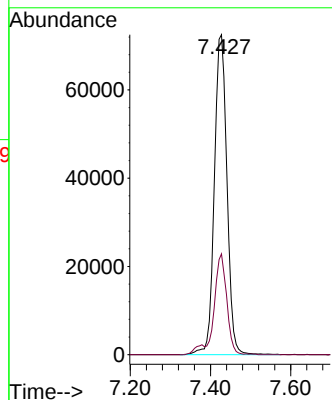
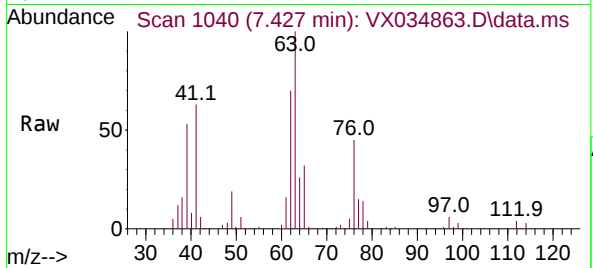
VSTDCCC050

Tgt Ion: 63 Resp: 15805
Ion Ratio Lower Upper
63 100
65 31.5 24.6 37.0

Manual Integrations

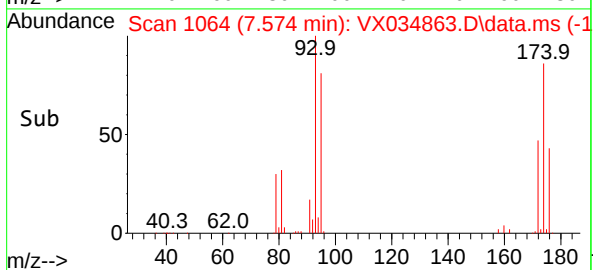
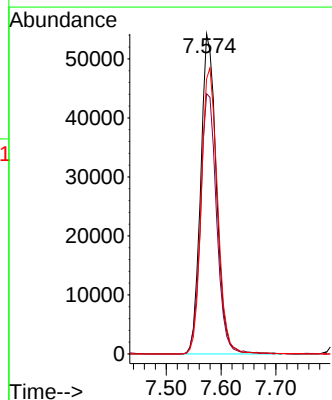
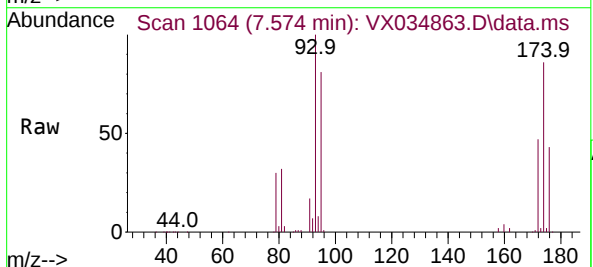
APPROVED

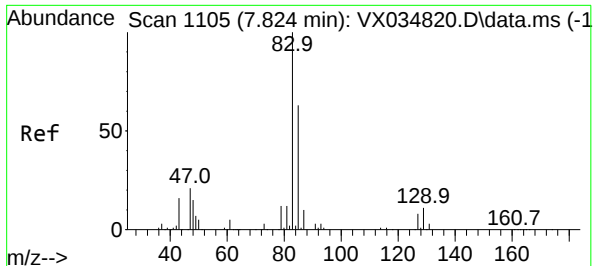
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#46
Dibromomethane
Concen: 47.316 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

Tgt Ion: 93 Resp: 108262
Ion Ratio Lower Upper
93 100
95 83.0 66.9 100.3
174 91.6 75.4 113.0





#47

Bromodichloromethane

Concen: 49.886 ug/l

RT: 7.817 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VX034863.D

Acq: 31 Mar 2023 09:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

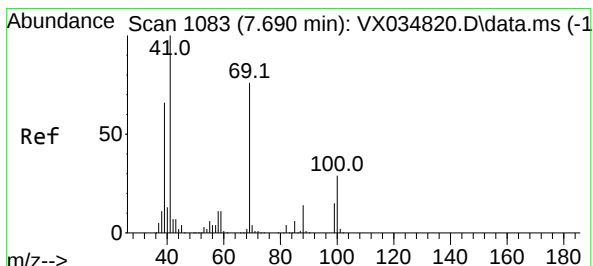
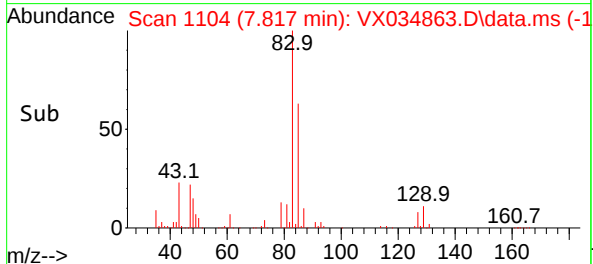
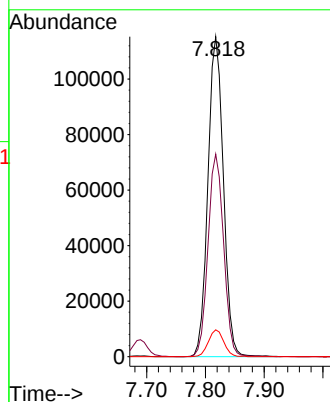
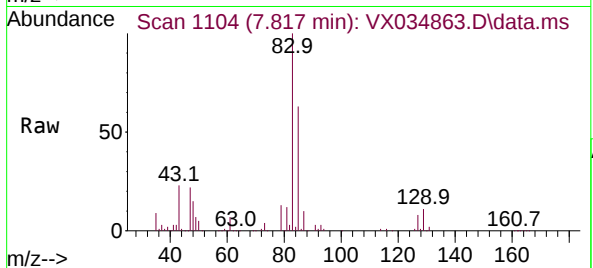
Tgt Ion: 83 Resp: 210838
 Ion Ratio Lower Upper
 83 100
 85 63.3 52.2 78.4
 127 8.4 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#48

Methyl methacrylate

Concen: 46.735 ug/l

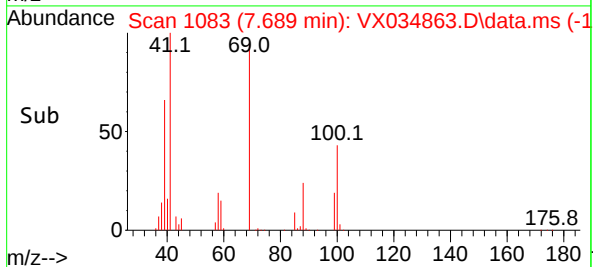
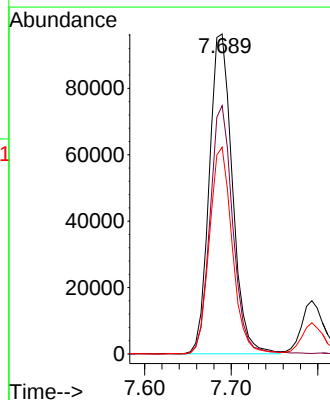
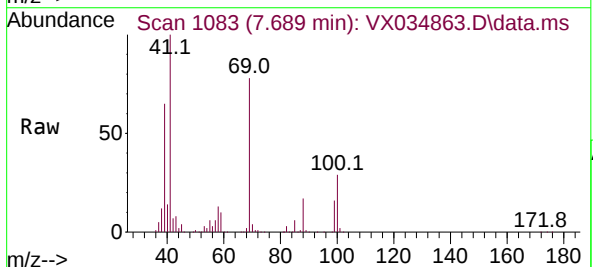
RT: 7.689 min Scan# 1083

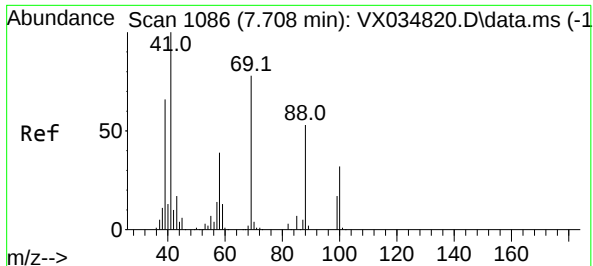
Delta R.T. -0.000 min

Lab File: VX034863.D

Acq: 31 Mar 2023 09:01

Tgt Ion: 41 Resp: 178493
 Ion Ratio Lower Upper
 41 100
 69 76.6 62.2 93.4
 39 64.1 47.7 71.5





#49

1,4-Dioxane

Concen: 869.958 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. -0.006 min

Lab File: VX034863.D

Acq: 31 Mar 2023 09:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

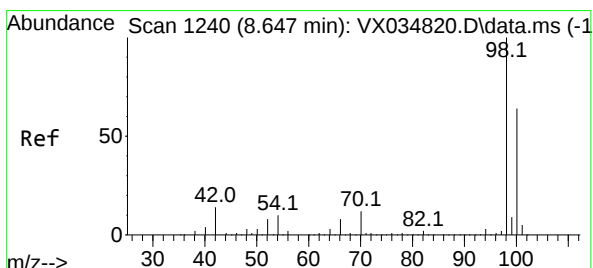
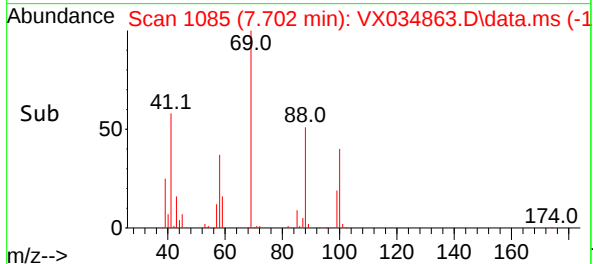
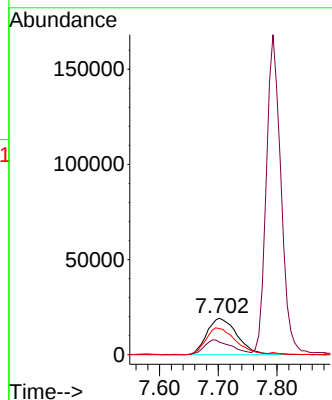
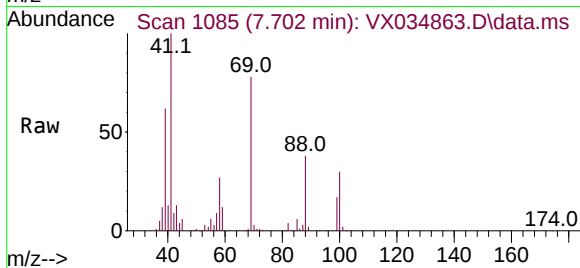
Tgt Ion: 88 Resp: 68472
 Ion Ratio Lower Upper
 88 100
 43 35.8 27.7 41.5
 58 72.1 56.8 85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#50

Toluene-d8

Concen: 50.873 ug/l

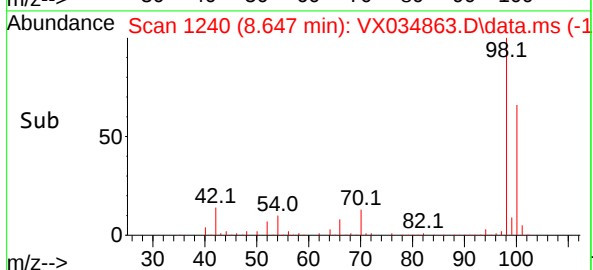
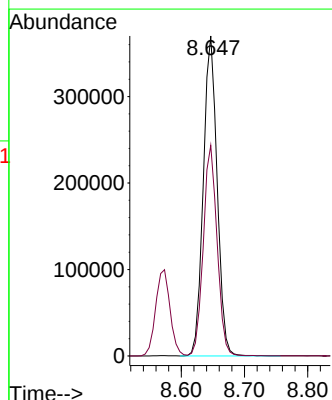
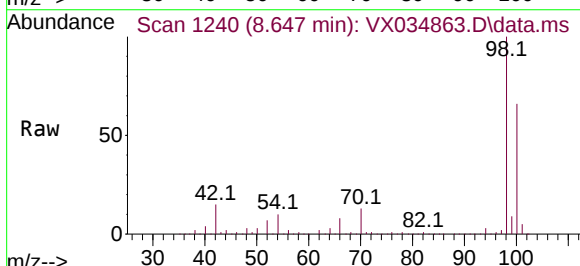
RT: 8.647 min Scan# 1240

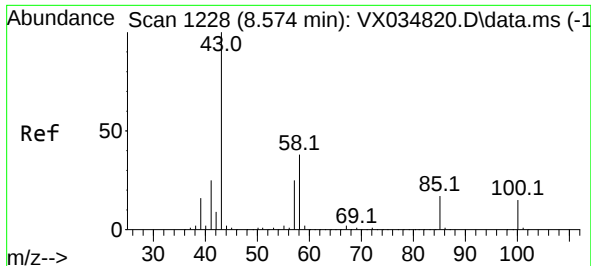
Delta R.T. -0.000 min

Lab File: VX034863.D

Acq: 31 Mar 2023 09:01

Tgt Ion: 98 Resp: 563452
 Ion Ratio Lower Upper
 98 100
 100 65.6 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 237.144 ug/l
RT: 8.567 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

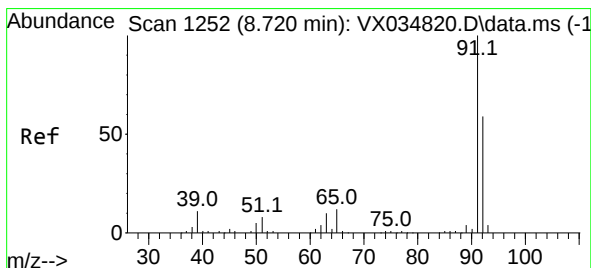
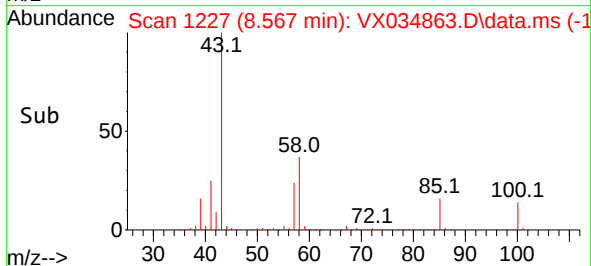
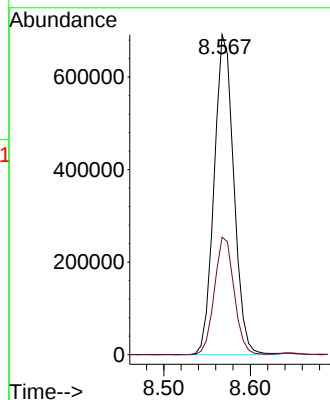
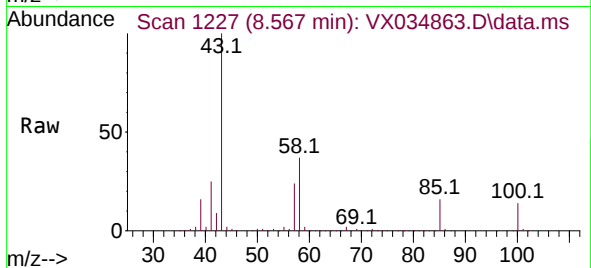
Tgt Ion: 43 Resp: 109148
Ion Ratio Lower Upper
43 100
58 36.8 30.6 46.0

Manual Integrations

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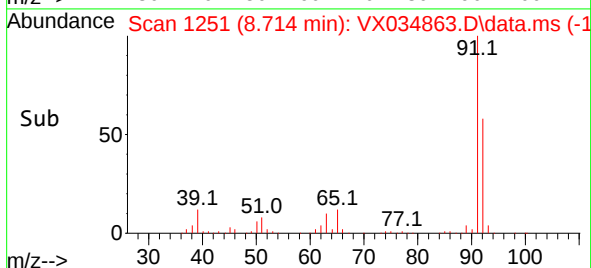
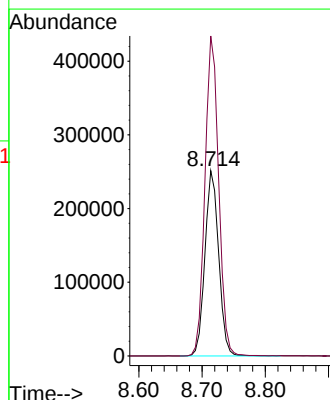
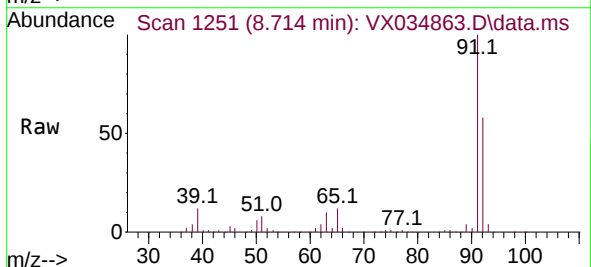
Reviewed By :John Carlone 04/03/2023

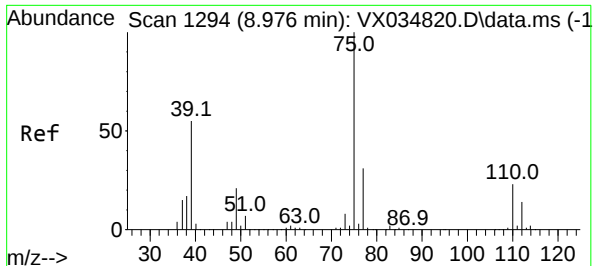
Supervised By :Mahesh Dadoda 04/03/2023



#52
Toluene
Concen: 45.761 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

Tgt Ion: 92 Resp: 380769
Ion Ratio Lower Upper
92 100
91 172.5 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 51.325 ug/l

RT: 8.976 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX034863.D

Acq: 31 Mar 2023 09:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 233358

Ion Ratio Lower Upper

75 100

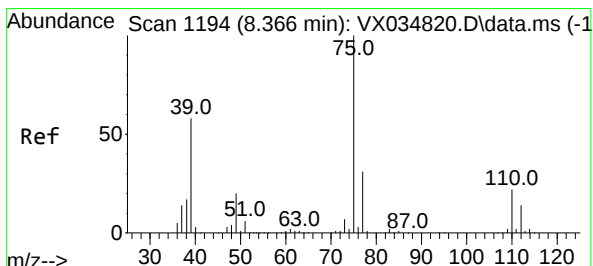
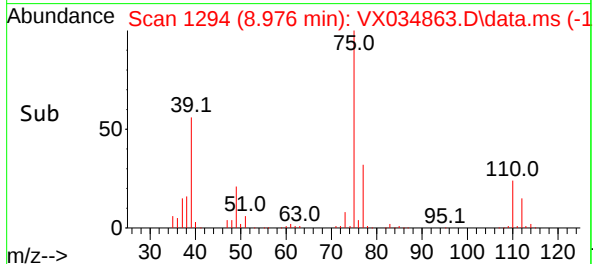
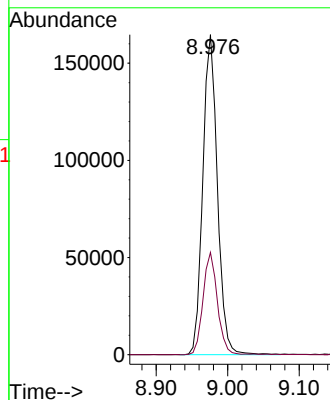
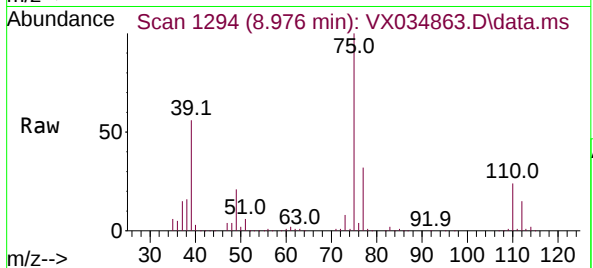
77 31.9 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#54

cis-1,3-Dichloropropene

Concen: 50.663 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX034863.D

Acq: 31 Mar 2023 09:01

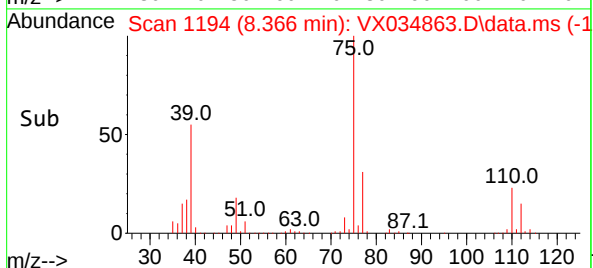
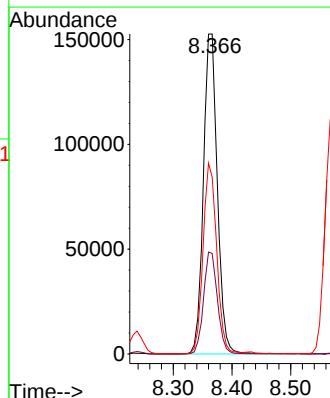
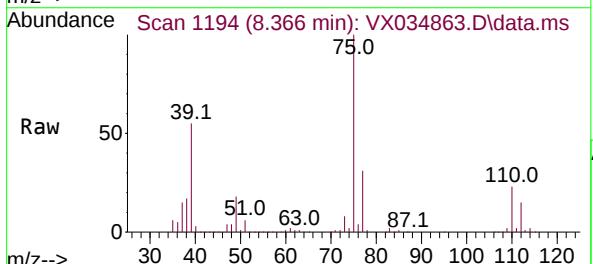
Tgt Ion: 75 Resp: 252083

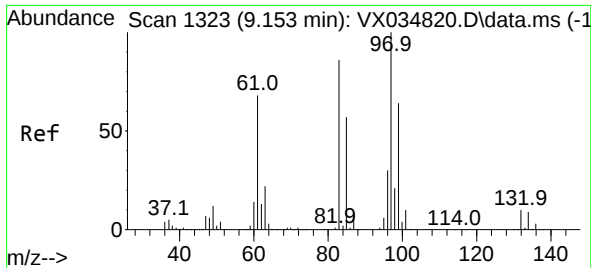
Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.4

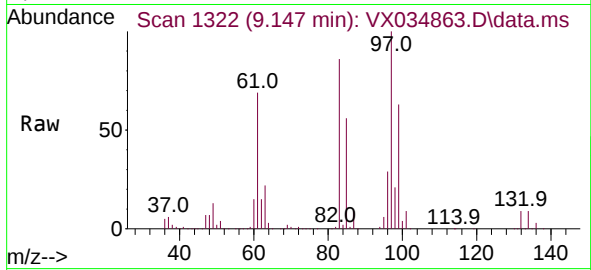
39 55.1 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 48.318 ug/l
RT: 9.147 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

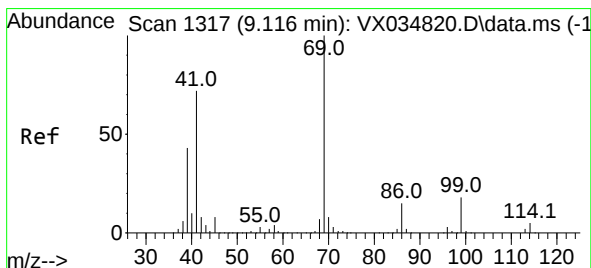
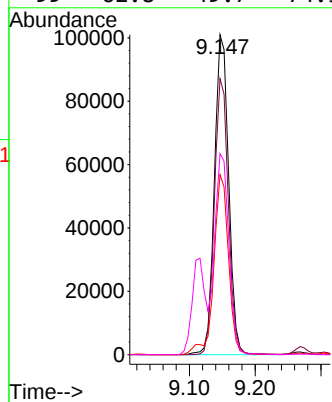
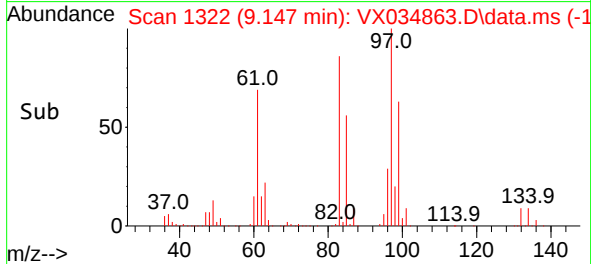
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



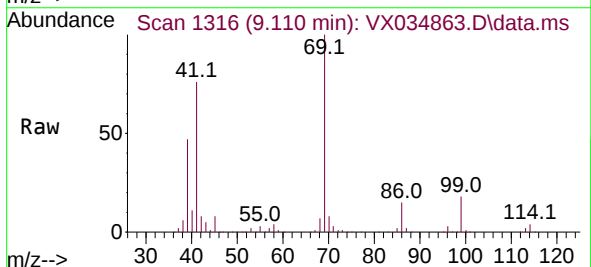
Tgt Ion: 97 Resp: 152164
Ion Ratio Lower Upper
97 100
83 86.3 69.7 104.5
85 56.2 43.7 65.5
99 62.8 49.7 74.5

Manual Integrations
APPROVED

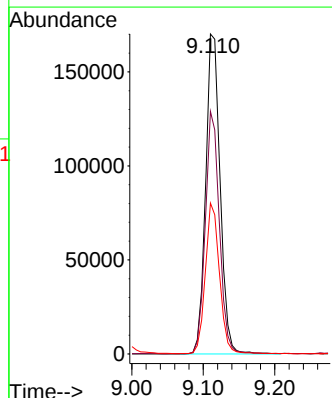
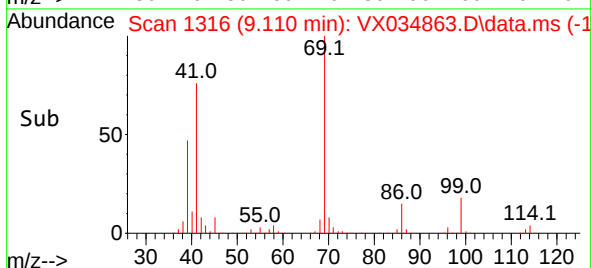
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

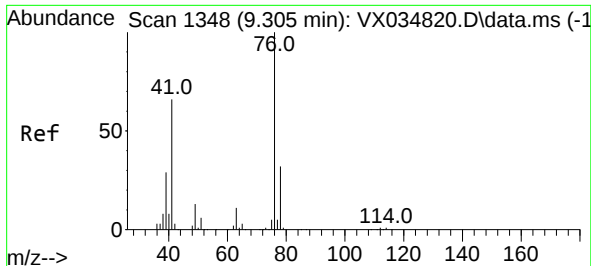


#56
Ethyl methacrylate
Concen: 48.628 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01



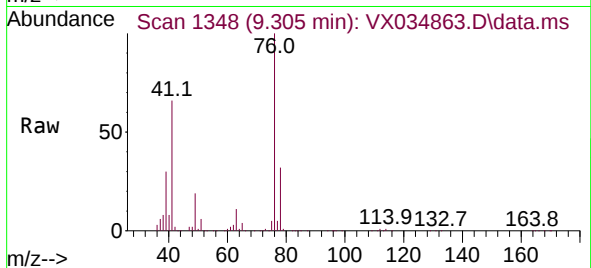
Tgt Ion: 69 Resp: 239941
Ion Ratio Lower Upper
69 100
41 73.6 57.4 86.0
39 46.2 33.7 50.5





#57
1,3-Dichloropropane
Concen: 47.215 ug/l
RT: 9.305 min Scan# 11348
Delta R.T. -0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

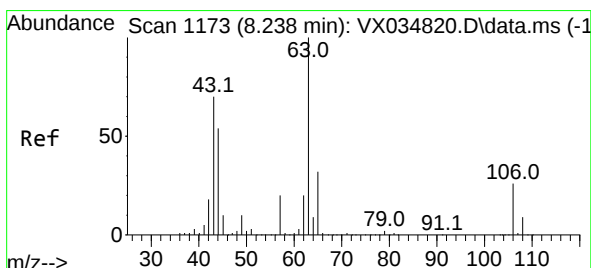
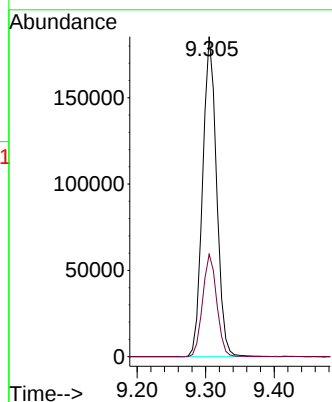
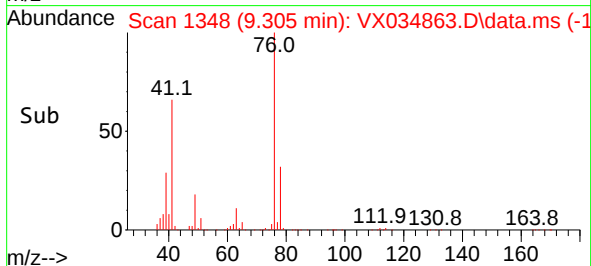
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 26332
Ion Ratio Lower Upper
76 100
78 32.3 25.8 38.8

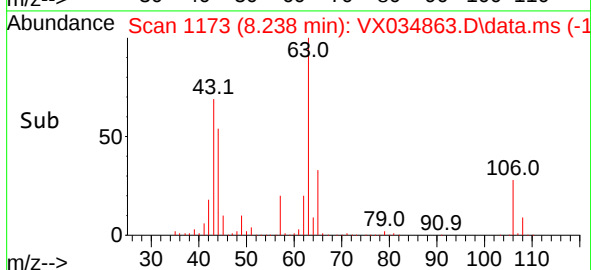
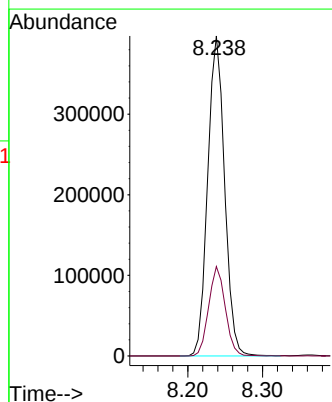
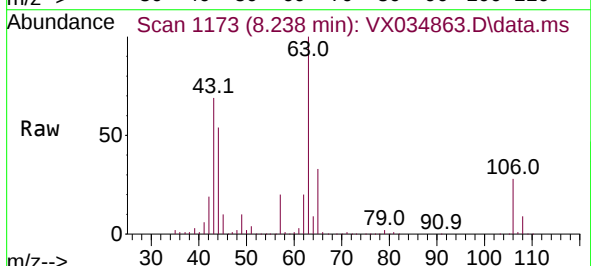
Manual Integrations
APPROVED

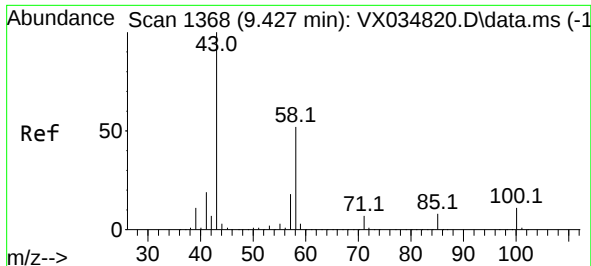
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#58
2-Chloroethyl Vinyl ether
Concen: 247.861 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

Tgt Ion: 63 Resp: 622714
Ion Ratio Lower Upper
63 100
106 27.4 22.2 33.2





#59

2-Hexanone

Concen: 248.144 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX034863.D

Acq: 31 Mar 2023 09:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 863850

Ion Ratio Lower Upper

43 100

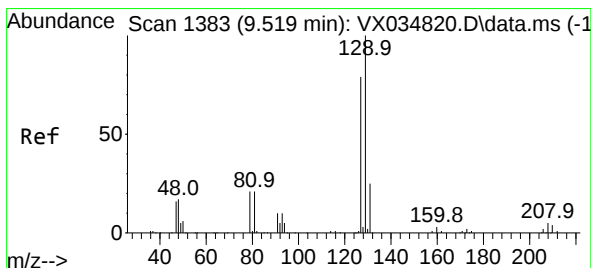
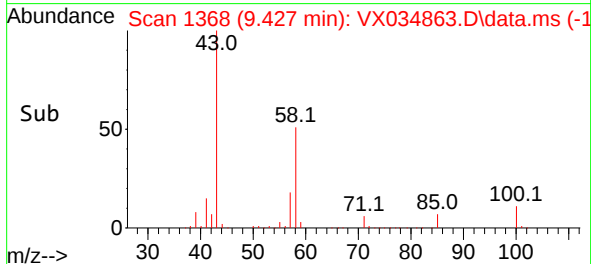
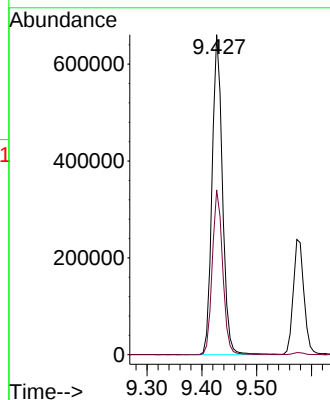
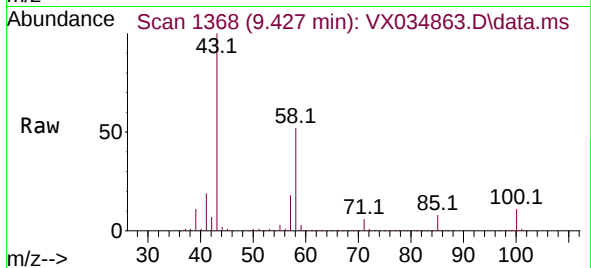
58 51.8 26.3 78.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#60

Dibromochloromethane

Concen: 51.853 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX034863.D

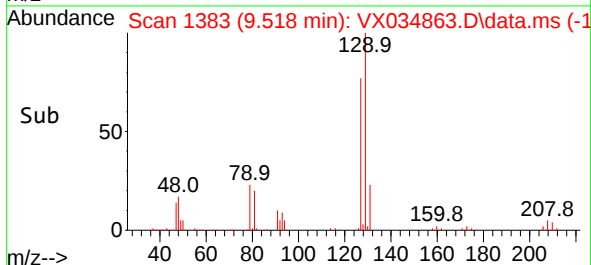
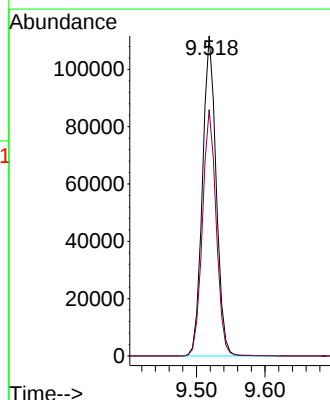
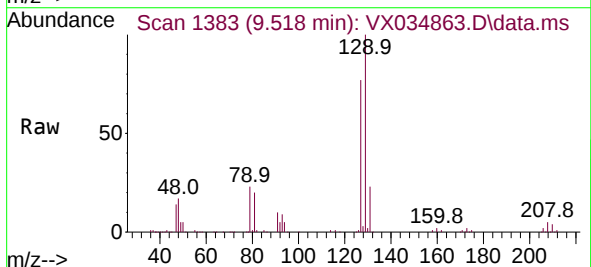
Acq: 31 Mar 2023 09:01

Tgt Ion:129 Resp: 155557

Ion Ratio Lower Upper

129 100

127 77.2 39.0 117.0





#61
1,2-Dibromoethane
Concen: 48.587 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

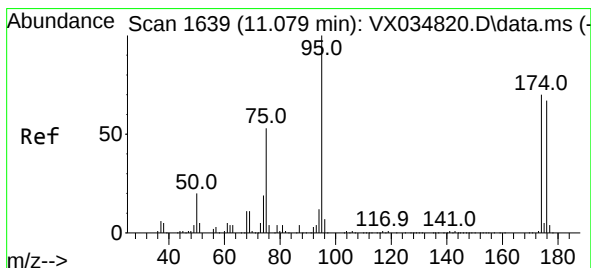
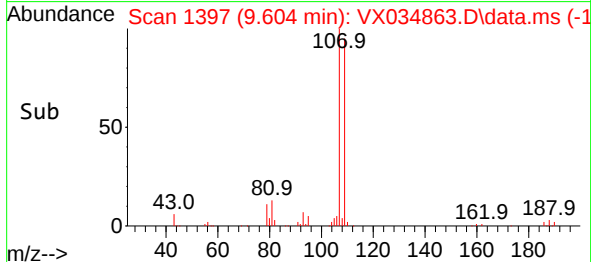
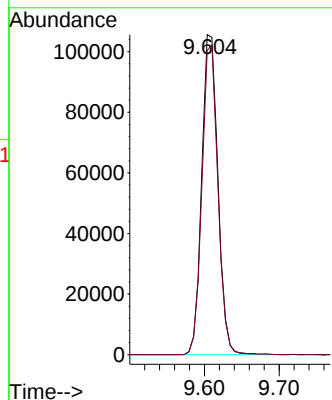
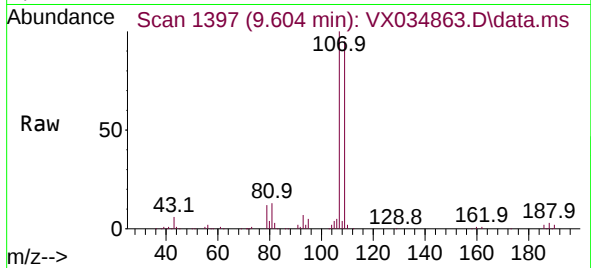
Tgt Ion:107 Resp: 159109
Ion Ratio Lower Upper
107 100
109 95.3 75.3 112.9

Manual Integrations

APPROVED

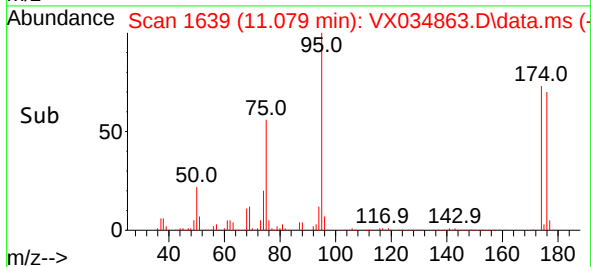
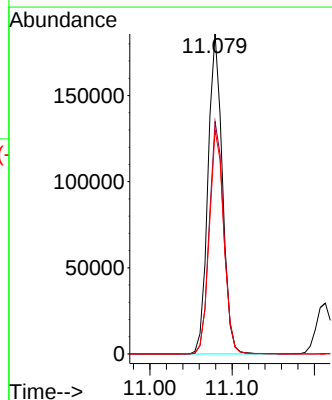
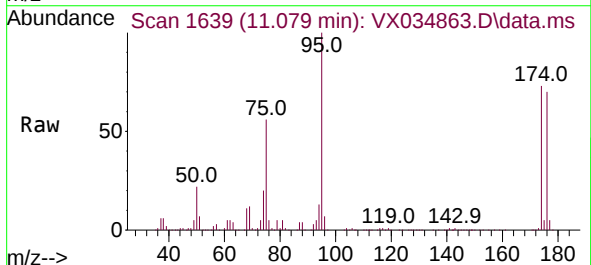
Reviewed By :John Carlone 04/03/2023

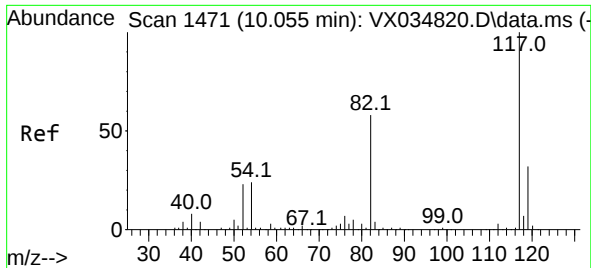
Supervised By :Mahesh Dadoda 04/03/2023



#62
4-Bromofluorobenzene
Concen: 52.637 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

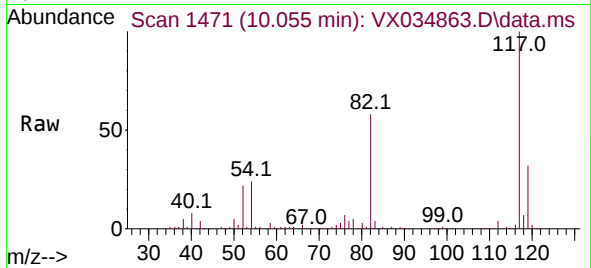
Tgt Ion: 95 Resp: 225603
Ion Ratio Lower Upper
95 100
174 72.9 0.0 147.4
176 70.8 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

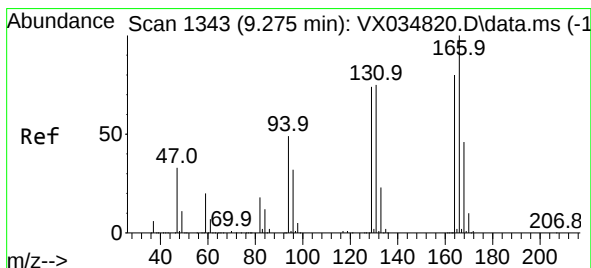
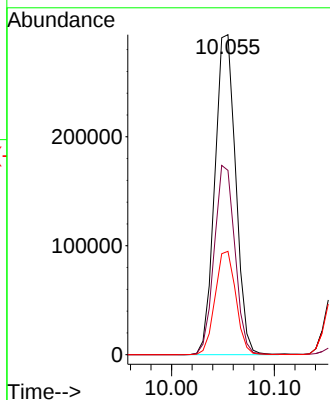
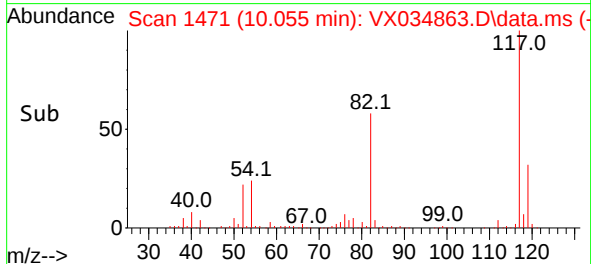
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 414094
Ion Ratio Lower Upper
117 100
82 57.6 45.0 67.4
119 32.3 26.0 39.0

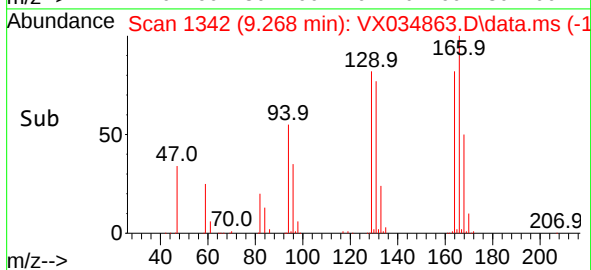
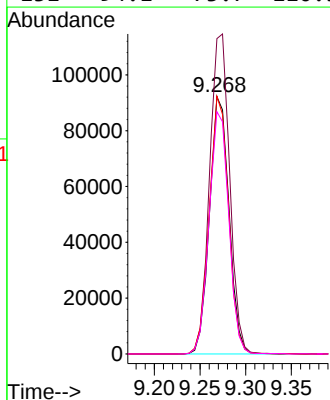
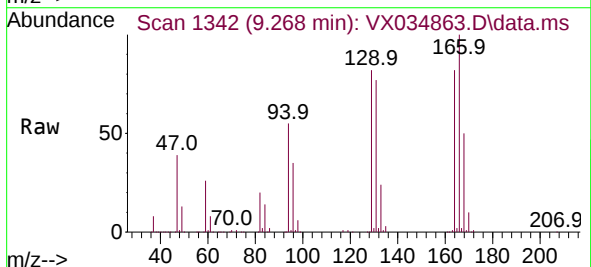
Manual Integrations
APPROVED

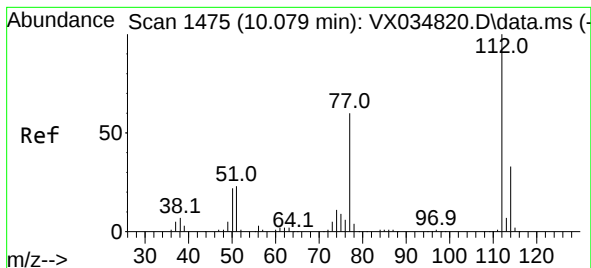
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#64
Tetrachloroethene
Concen: 45.995 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

Tgt Ion:164 Resp: 136302
Ion Ratio Lower Upper
164 100
166 122.6 102.7 154.1
129 100.1 75.6 113.4
131 94.1 73.7 110.5





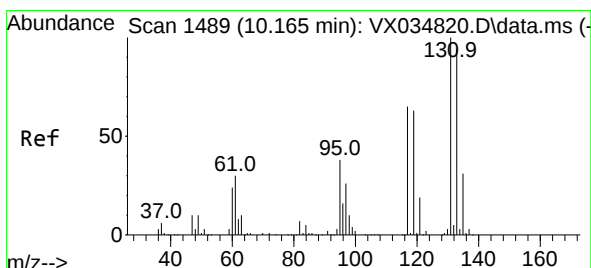
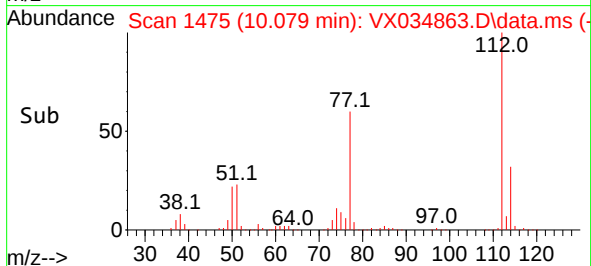
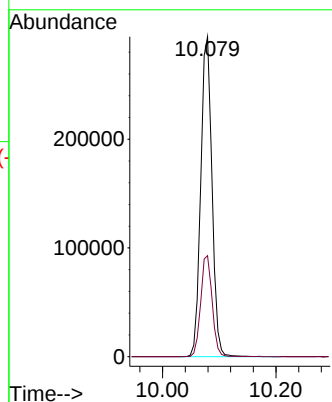
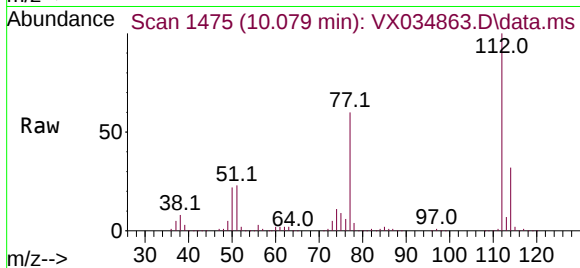
#65
Chlorobenzene
Concen: 46.963 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 40461
Ion Ratio Lower Upper
112 100
114 31.5 26.2 39.2

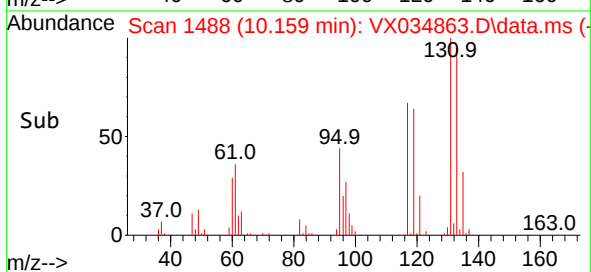
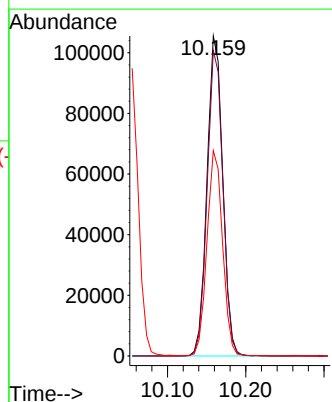
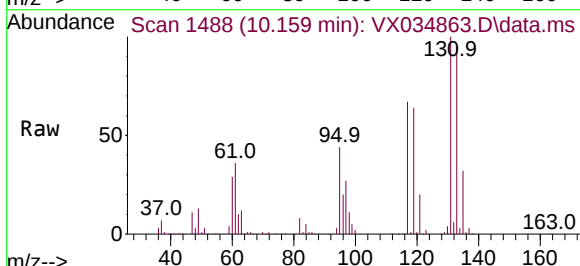
Manual Integrations
APPROVED

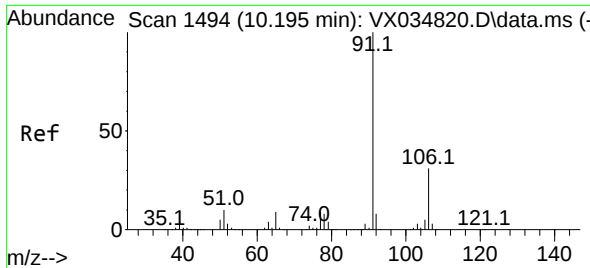
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 49.584 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

Tgt Ion:131 Resp: 146897
Ion Ratio Lower Upper
131 100
133 95.1 47.1 141.4
119 63.8 32.6 98.0





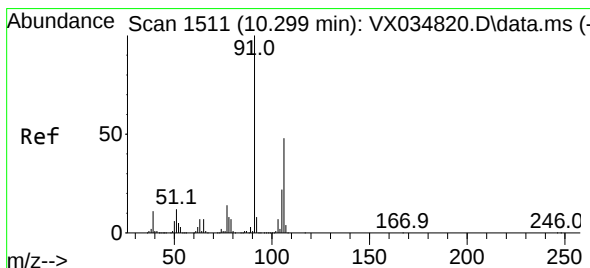
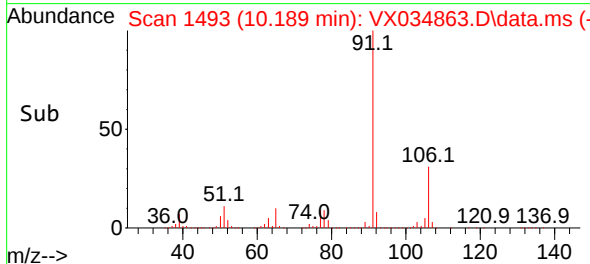
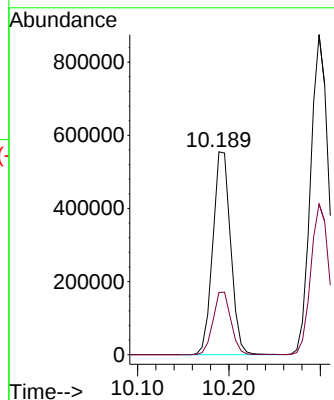
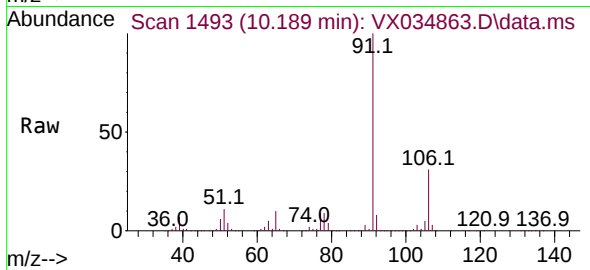
#67
Ethyl Benzene
Concen: 48.136 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 751300
Ion Ratio Lower Upper
91 100
106 30.6 25.6 38.4

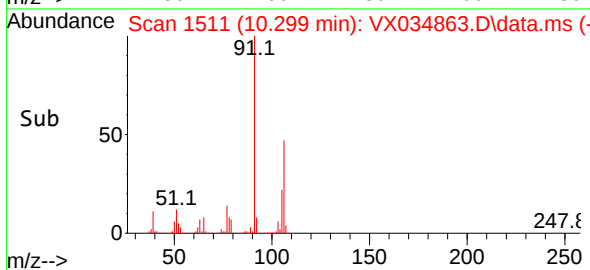
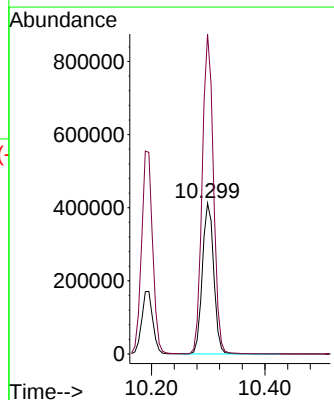
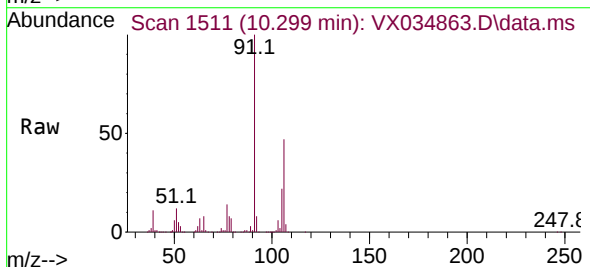
Manual Integrations
APPROVED

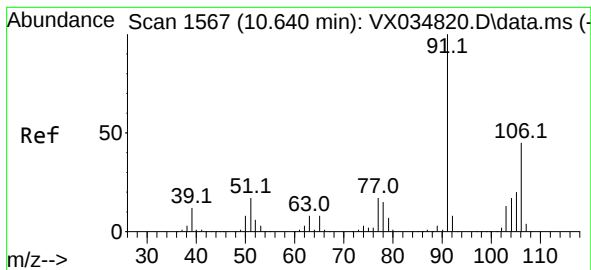
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#68
m/p-Xylenes
Concen: 96.049 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

Tgt Ion:106 Resp: 572647
Ion Ratio Lower Upper
106 100
91 209.7 164.0 246.0





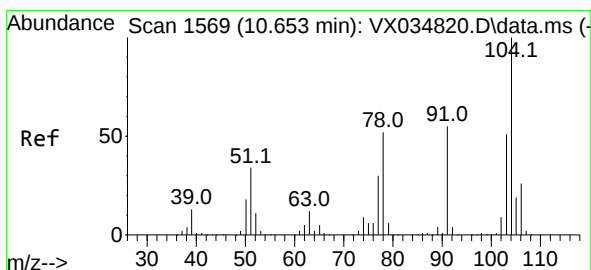
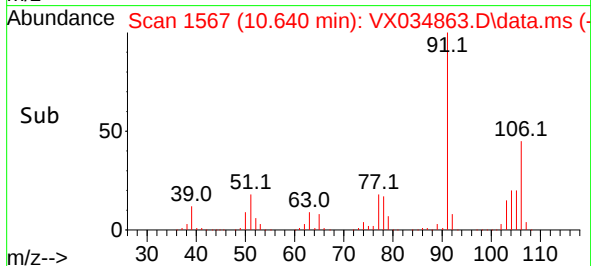
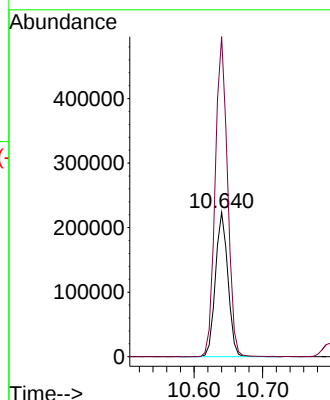
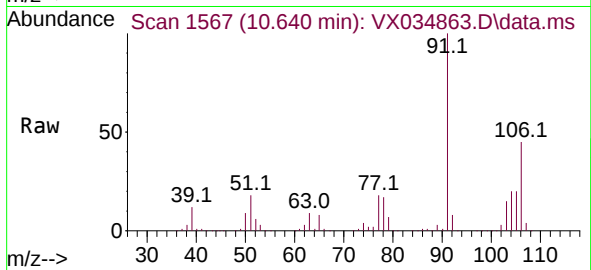
#69
o-Xylene
Concen: 48.105 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 28096
Ion Ratio Lower Upper
106 100
91 220.1 108.5 325.3

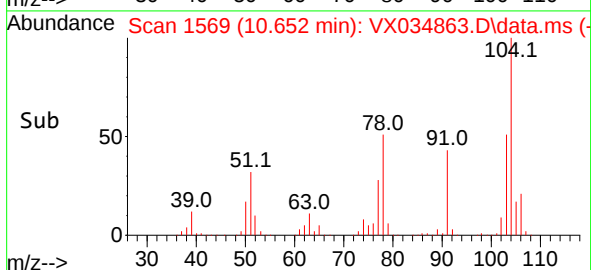
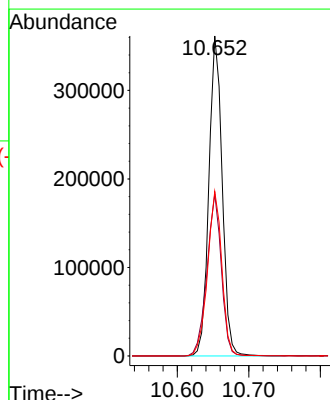
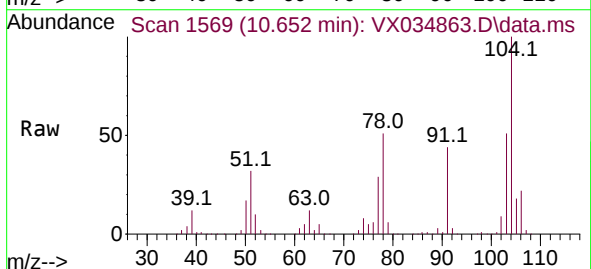
Manual Integrations
APPROVED

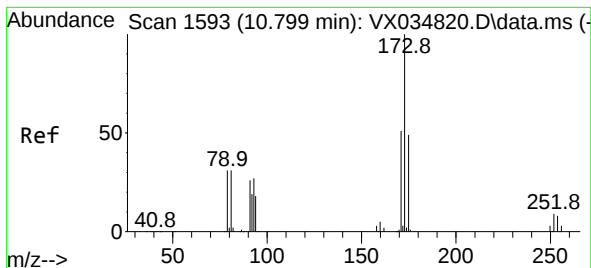
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#70
Styrene
Concen: 50.196 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.001 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

Tgt Ion:104 Resp: 468015
Ion Ratio Lower Upper
104 100
78 54.9 43.4 65.2
103 55.4 44.2 66.2





#71

Bromoform

Concen: 51.539 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX034863.D

Acq: 31 Mar 2023 09:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 103850

Ion Ratio Lower Upper

173 100

175 47.8 24.1 72.4

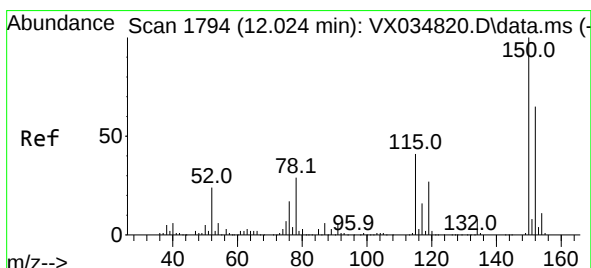
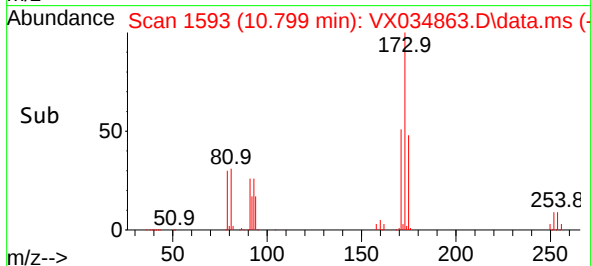
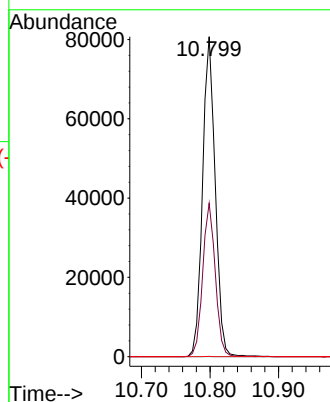
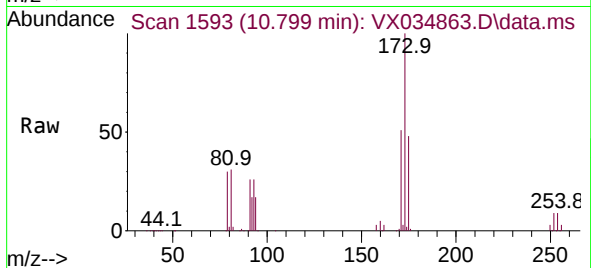
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX034863.D

Acq: 31 Mar 2023 09:01

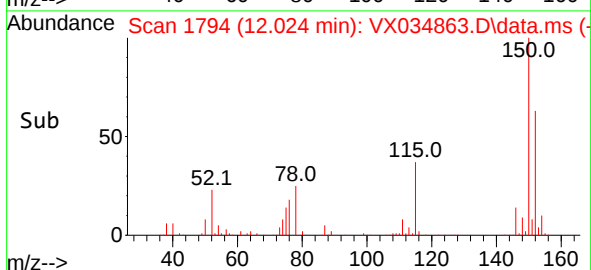
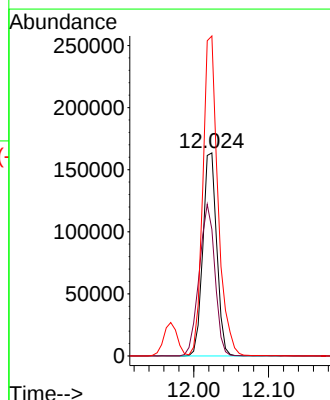
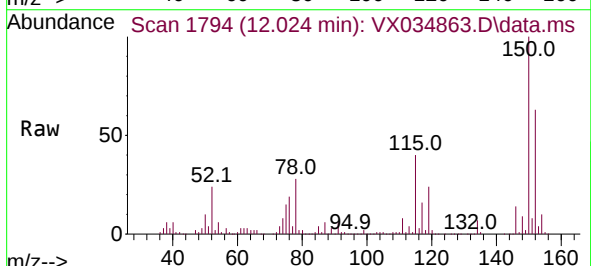
Tgt Ion:152 Resp: 210632

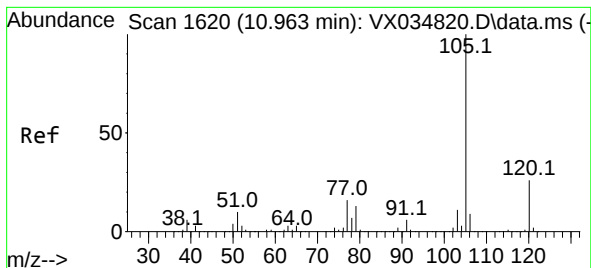
Ion Ratio Lower Upper

152 100

115 84.7 45.0 135.0

150 171.5 0.0 352.4





#73

Isopropylbenzene

Concen: 47.666 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034863.D

Acq: 31 Mar 2023 09:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 735434

Ion Ratio Lower Upper

105 100

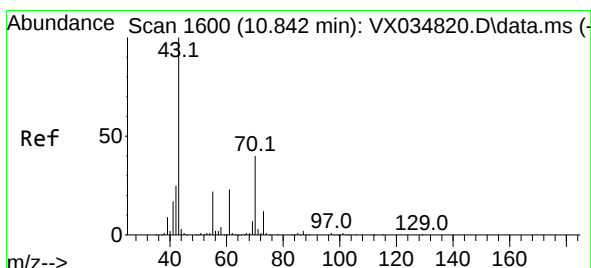
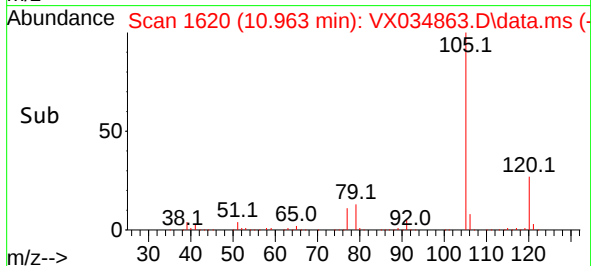
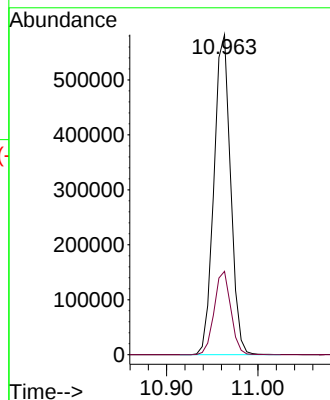
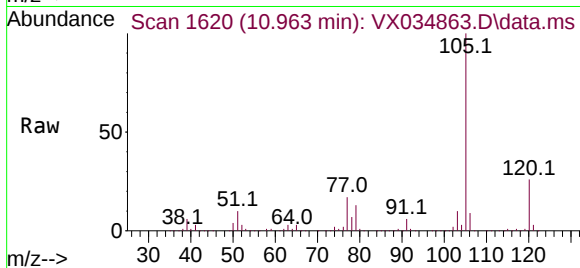
120 26.0 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#74

N-ethyl acetate

Concen: 47.865 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.001 min

Lab File: VX034863.D

Acq: 31 Mar 2023 09:01

Tgt Ion: 43 Resp: 332041

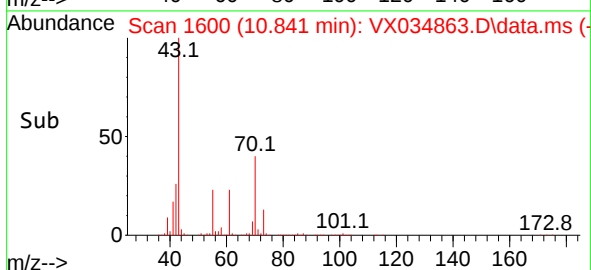
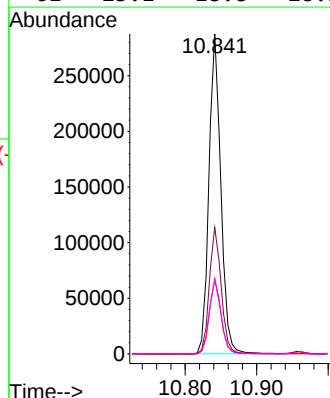
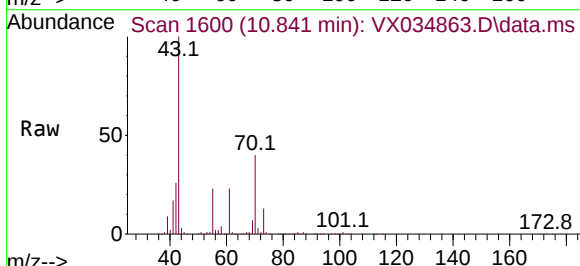
Ion Ratio Lower Upper

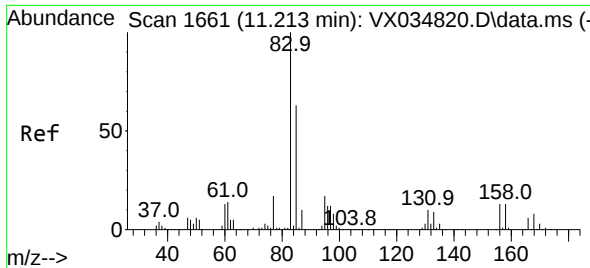
43 100

70 39.8 32.1 48.1

55 23.4 18.3 27.5

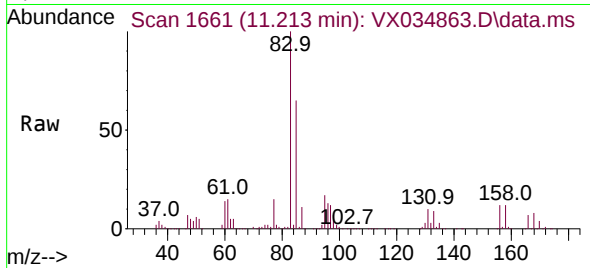
61 23.1 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 45.065 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

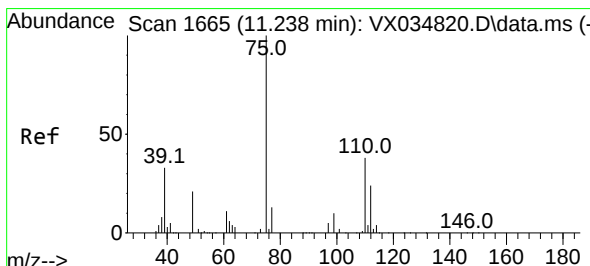
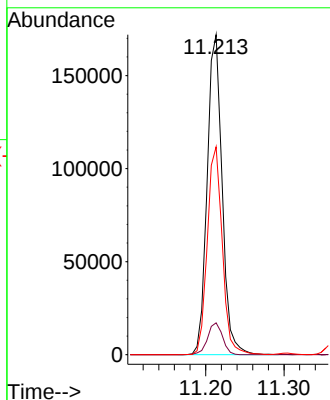
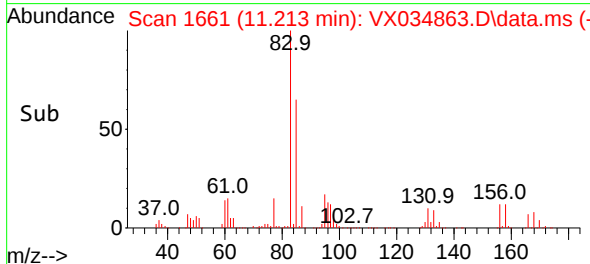
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



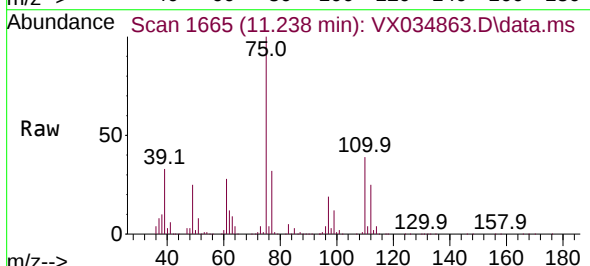
Tgt Ion: 83 Resp: 227884
Ion Ratio Lower Upper
83 100
131 9.9 4.8 14.3
85 64.9 32.0 96.0

Manual Integrations
APPROVED

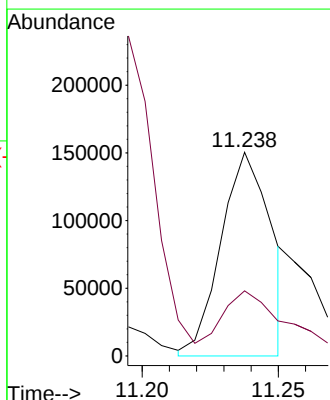
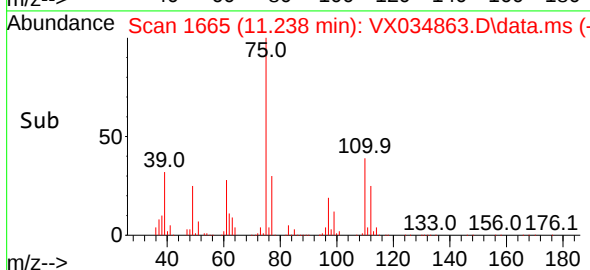
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

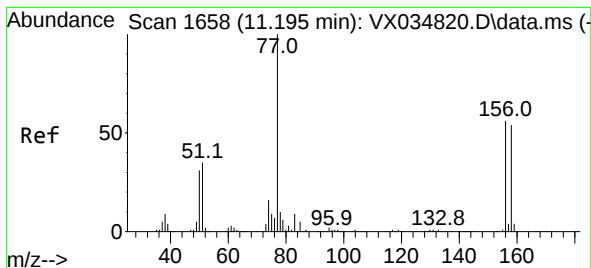


#76
1,2,3-Trichloropropane
Concen: 45.343 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01



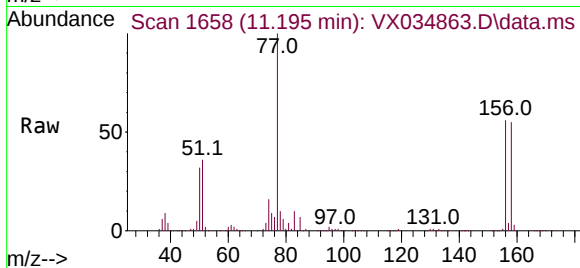
Tgt Ion: 75 Resp: 192441
Ion Ratio Lower Upper
75 100
77 42.3 21.6 64.8





#77
Bromobenzene
Concen: 44.969 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

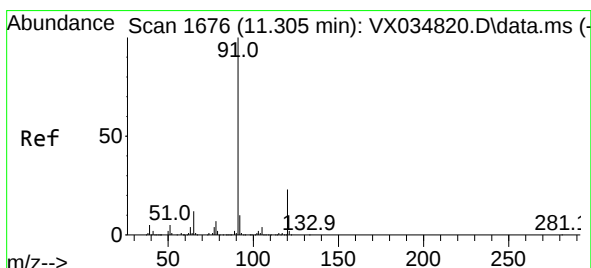
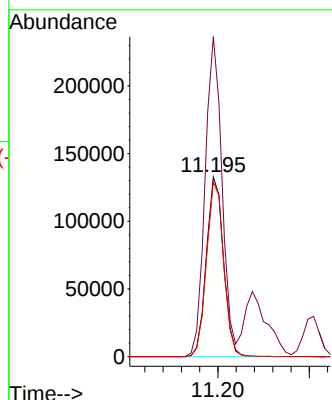
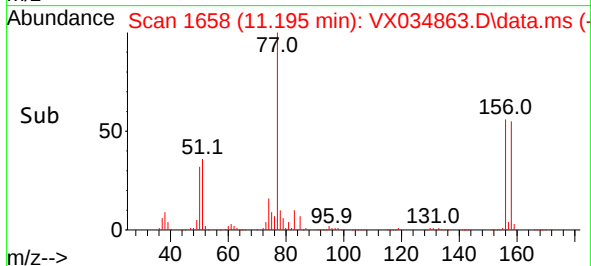
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



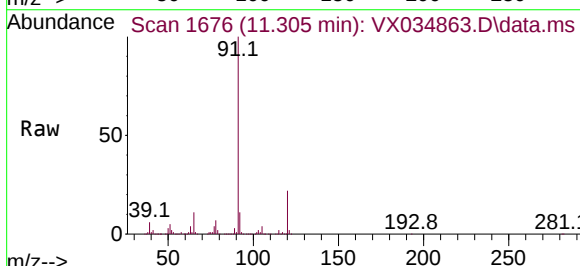
Tgt Ion:156 Resp: 171915
Ion Ratio Lower Upper
156 100
77 175.7 86.7 259.9
158 97.3 48.0 144.0

Manual Integrations
APPROVED

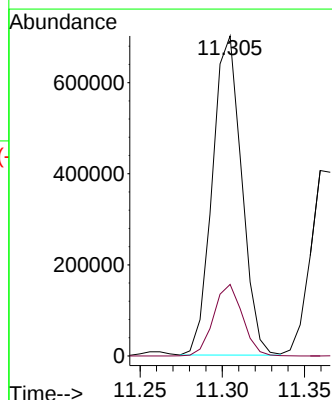
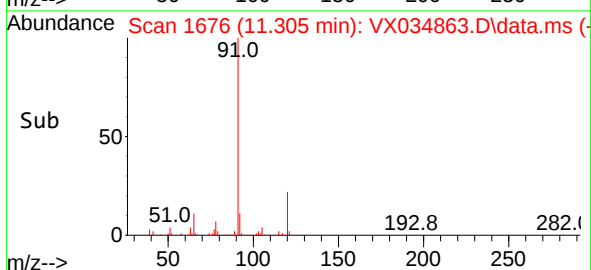
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

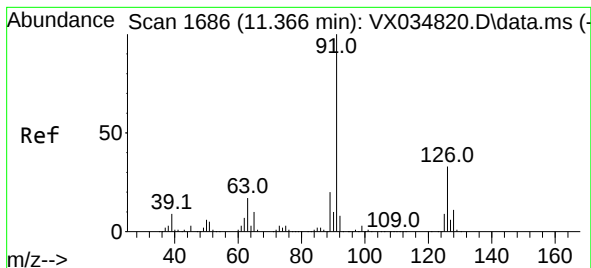


#78
n-propylbenzene
Concen: 48.776 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01



Tgt Ion: 91 Resp: 869357
Ion Ratio Lower Upper
91 100
120 22.1 11.5 34.5





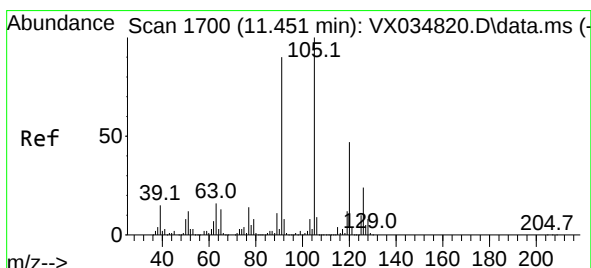
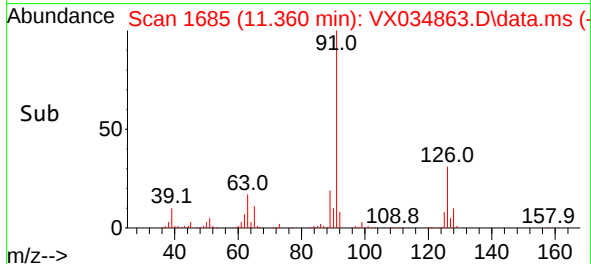
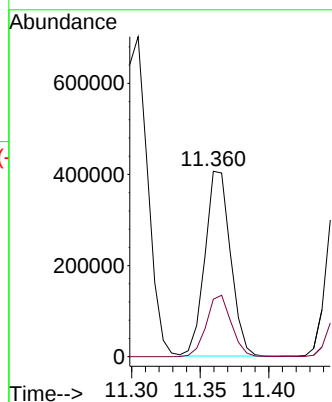
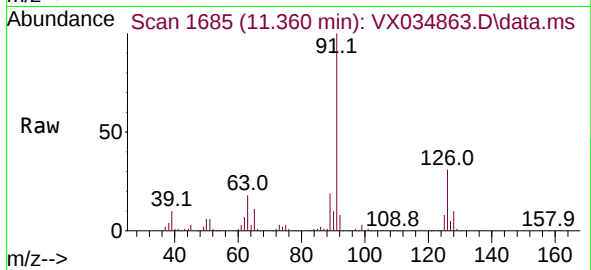
#79
2-Chlorotoluene
Concen: 46.811 ug/l
RT: 11.360 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 526780
Ion Ratio Lower Upper
91 100
126 32.4 16.3 48.9

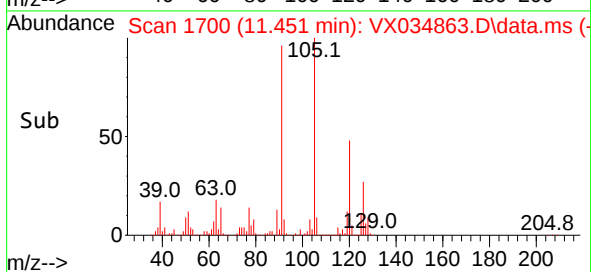
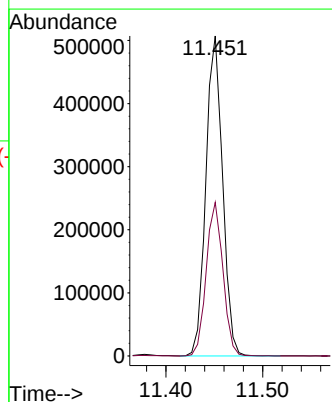
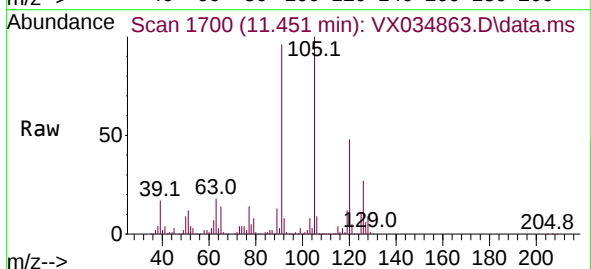
Manual Integrations
APPROVED

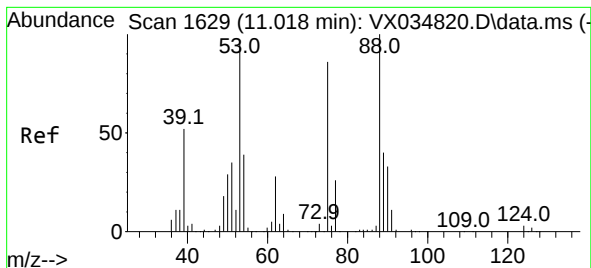
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#80
1,3,5-Trimethylbenzene
Concen: 47.345 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

Tgt Ion:105 Resp: 610767
Ion Ratio Lower Upper
105 100
120 48.1 23.7 71.1





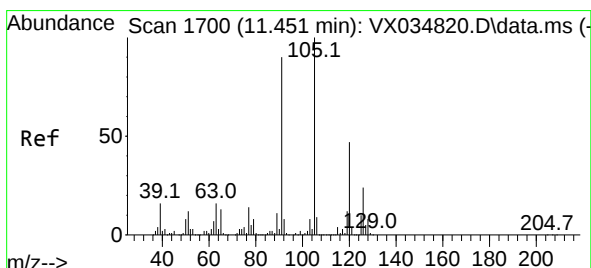
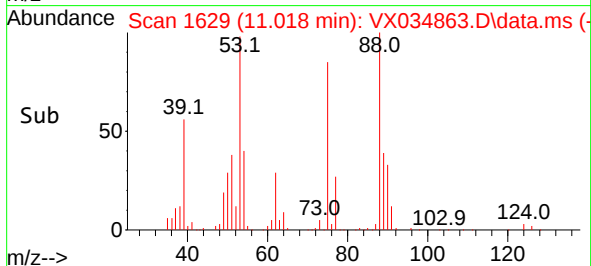
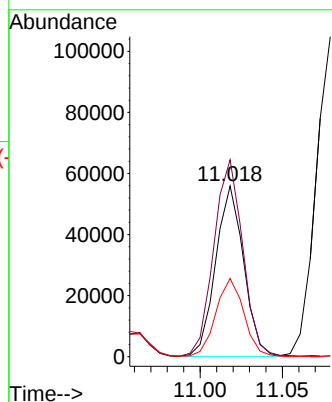
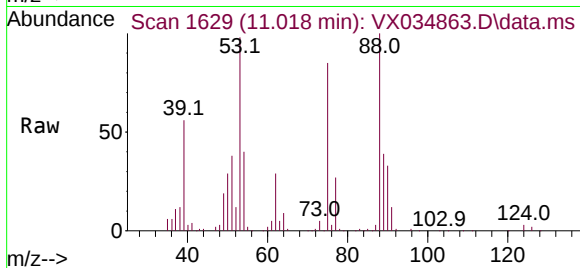
#81
trans-1,4-Dichloro-2-butene
Concen: 46.663 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 66082
Ion Ratio Lower Upper
75 100
53 120.7 82.6 124.0
89 46.0 36.9 55.3

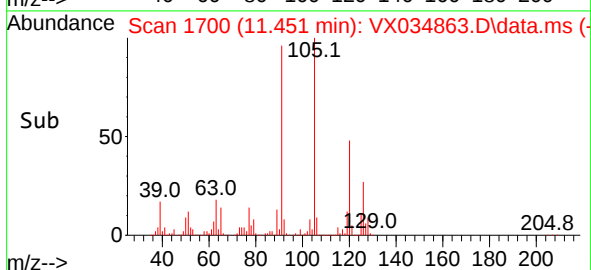
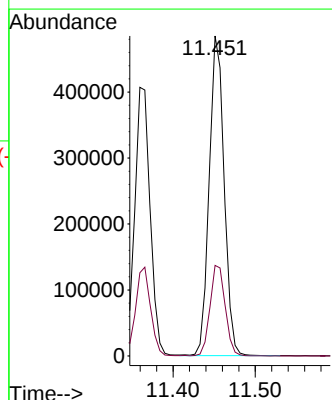
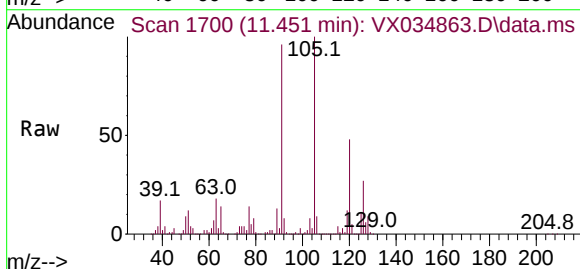
Manual Integrations
APPROVED

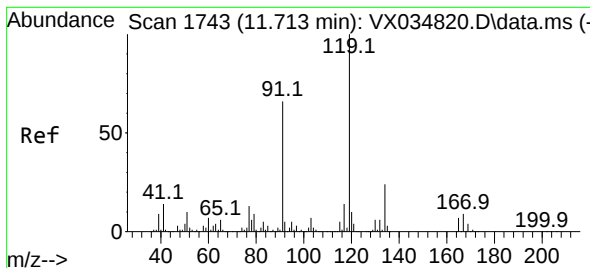
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#82
4-Chlorotoluene
Concen: 46.776 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

Tgt Ion: 91 Resp: 611270
Ion Ratio Lower Upper
91 100
126 28.9 14.2 42.6





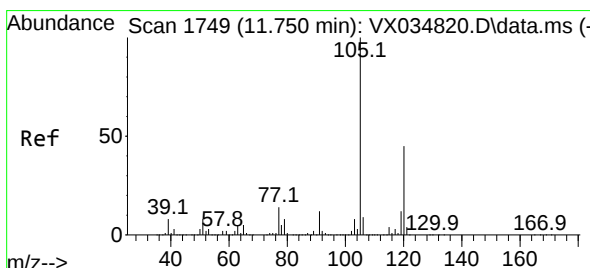
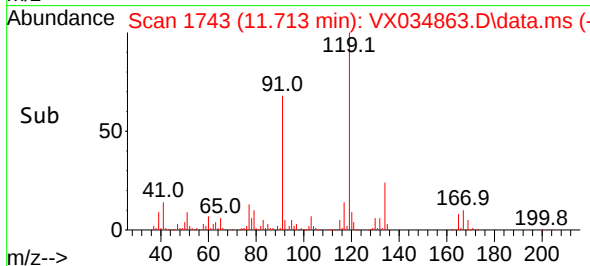
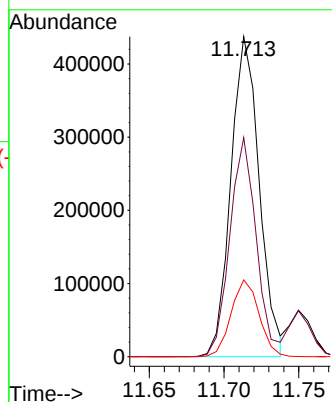
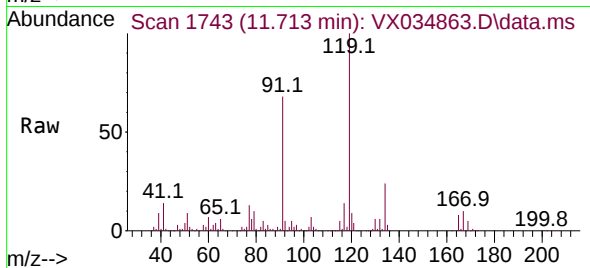
#83
tert-Butylbenzene
Concen: 47.720 ug/l
RT: 11.713 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 57806
Ion Ratio Lower Upper
119 100
91 63.9 30.6 92.0
134 23.5 11.8 35.4

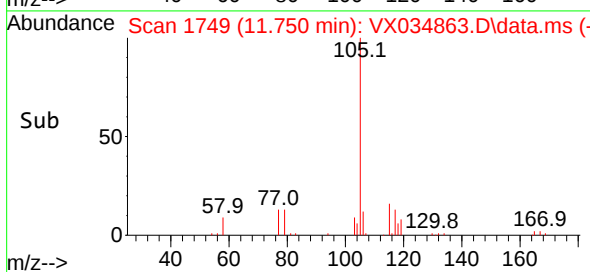
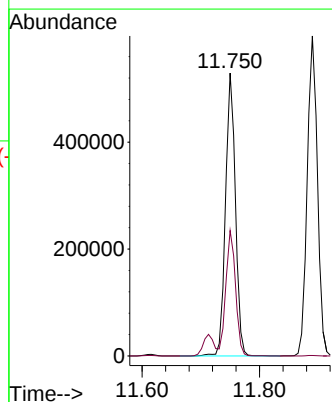
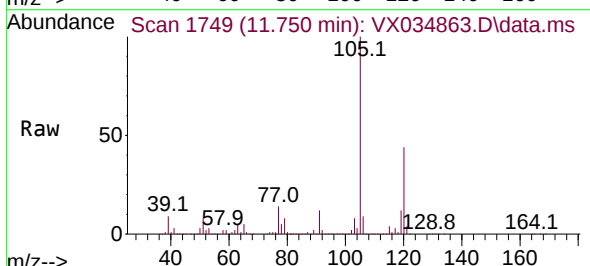
Manual Integrations
APPROVED

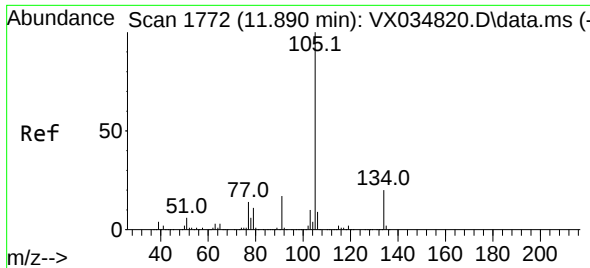
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#84
1,2,4-Trimethylbenzene
Concen: 47.270 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

Tgt Ion:105 Resp: 620119
Ion Ratio Lower Upper
105 100
120 43.3 22.4 67.0





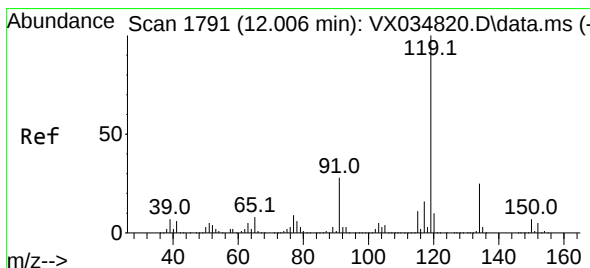
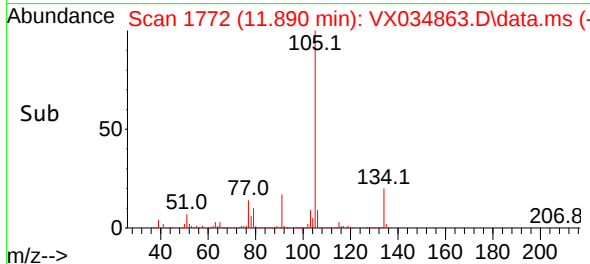
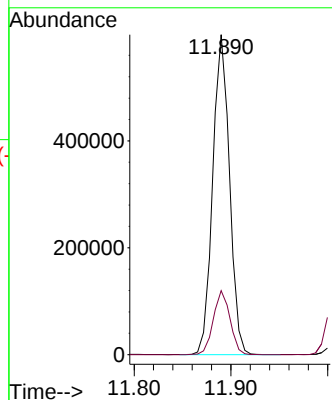
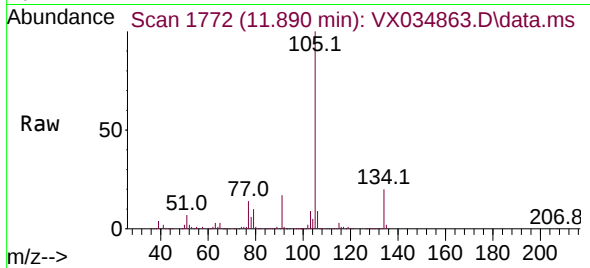
#85
 sec-Butylbenzene
 Concen: 48.873 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX034863.D
 Acq: 31 Mar 2023 09:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 720262
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.4

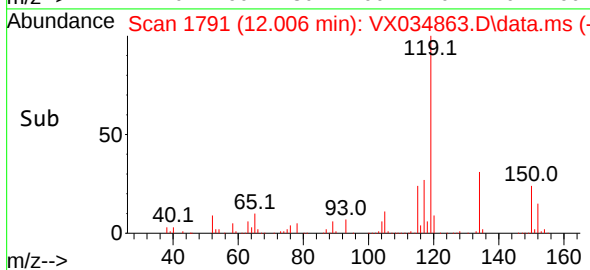
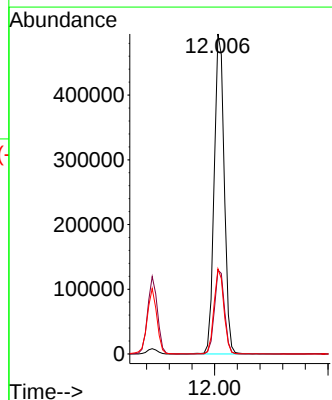
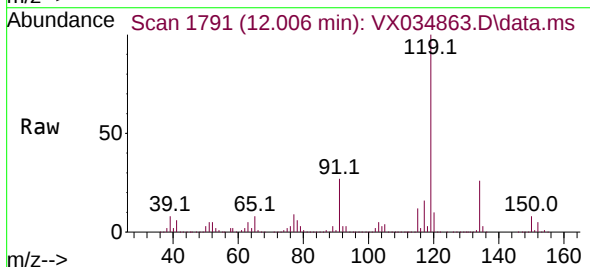
Manual Integrations
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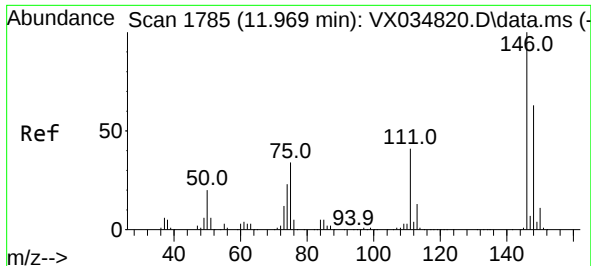
Reviewed By :John Carlone 04/03/2023
 Supervised By :Mahesh Dadoda 04/03/2023



#86
 p-Isopropyltoluene
 Concen: 49.437 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX034863.D
 Acq: 31 Mar 2023 09:01

Tgt Ion:119 Resp: 607510
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.5
 91 26.2 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 47.552 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034863.D

Acq: 31 Mar 2023 09:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 331068

Ion Ratio Lower Upper

146 100

111 42.4 20.9 62.8

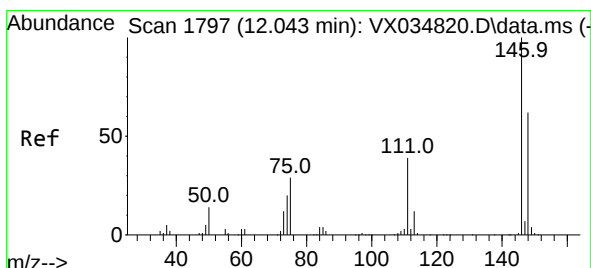
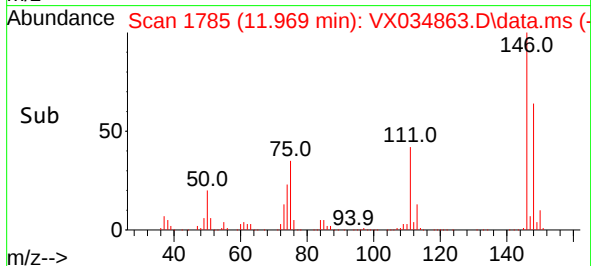
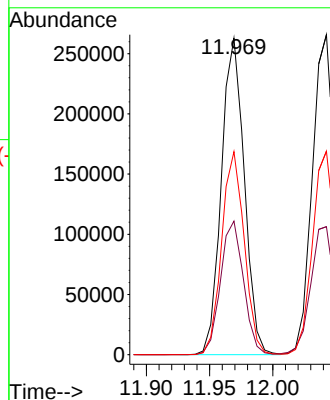
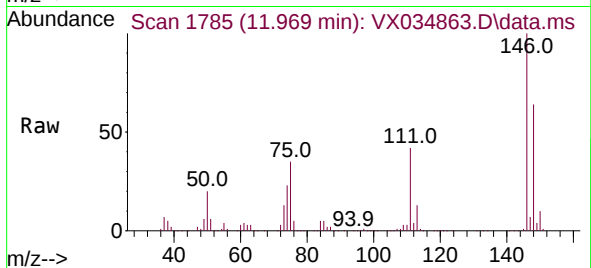
148 63.0 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#88

1,4-Dichlorobenzene

Concen: 46.609 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.001 min

Lab File: VX034863.D

Acq: 31 Mar 2023 09:01

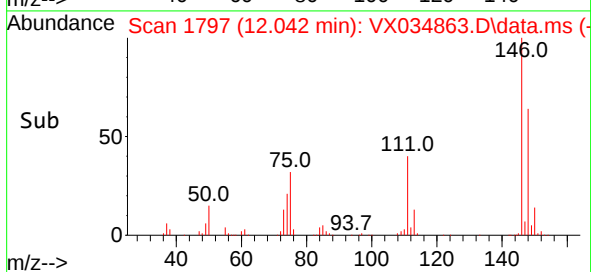
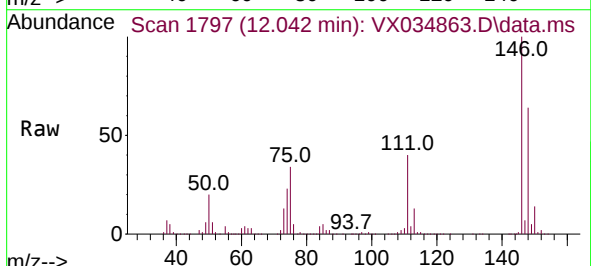
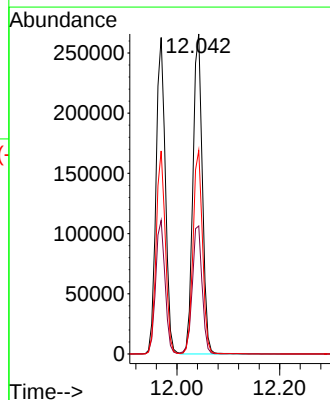
Tgt Ion:146 Resp: 338926

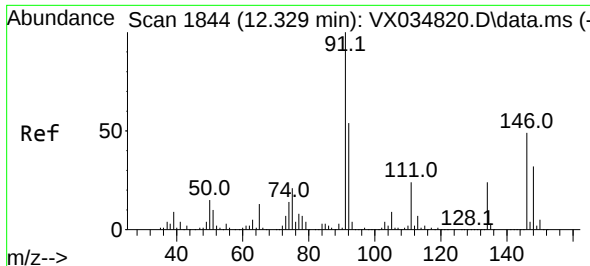
Ion Ratio Lower Upper

146 100

111 41.5 20.6 61.9

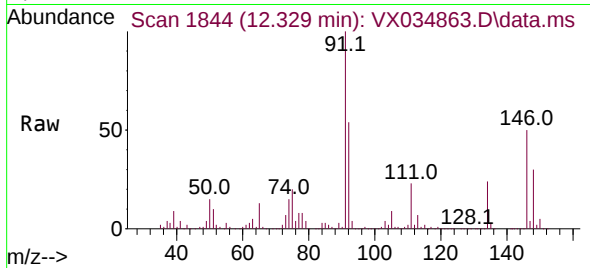
148 63.5 31.8 95.4





#89
n-Butylbenzene
Concen: 50.537 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

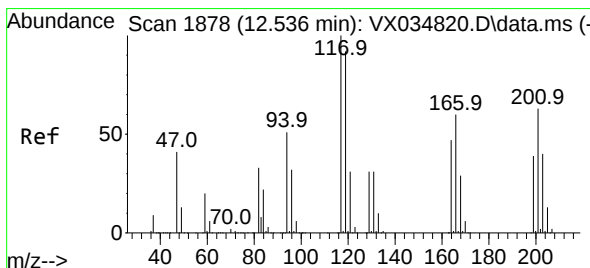
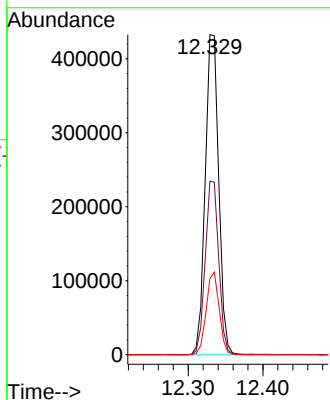
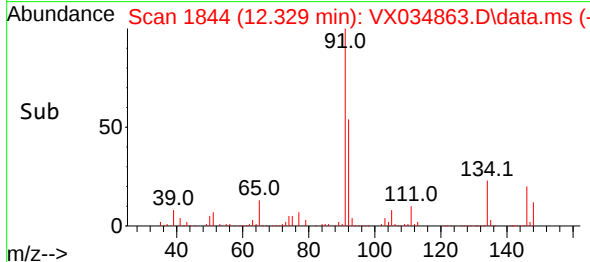
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 54258
Ion Ratio Lower Upper
91 100
92 54.3 27.7 83.0
134 24.7 13.0 38.9

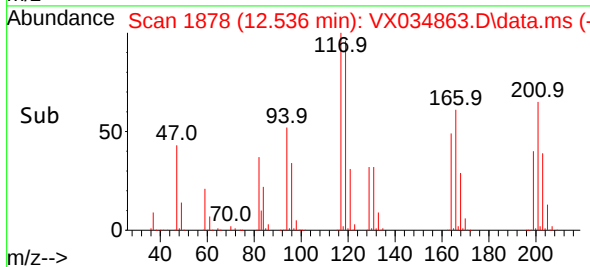
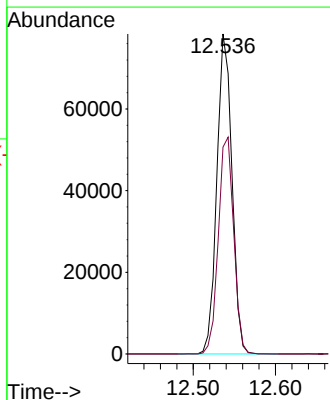
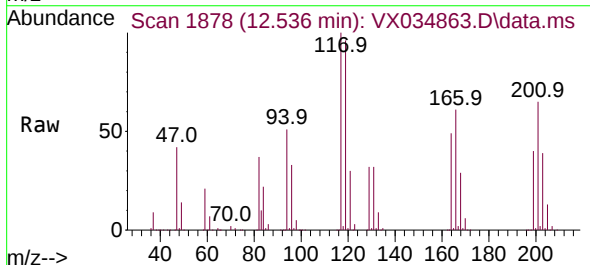
Manual Integrations
APPROVED

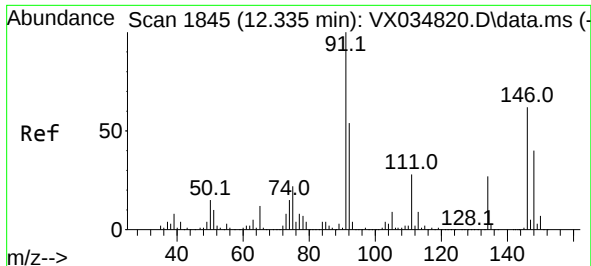
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#90
Hexachloroethane
Concen: 52.525 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

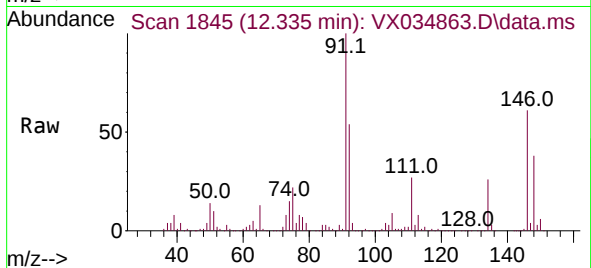
Tgt Ion:117 Resp: 100004
Ion Ratio Lower Upper
117 100
201 69.1 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 46.720 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

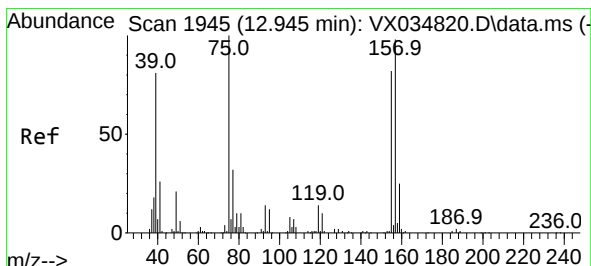
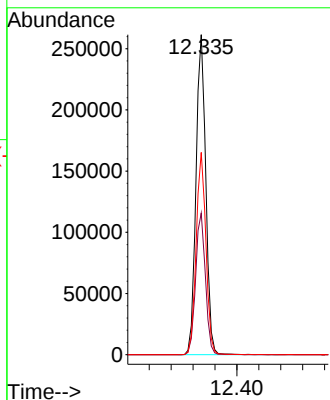
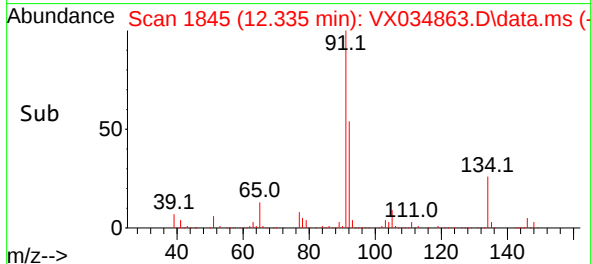
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



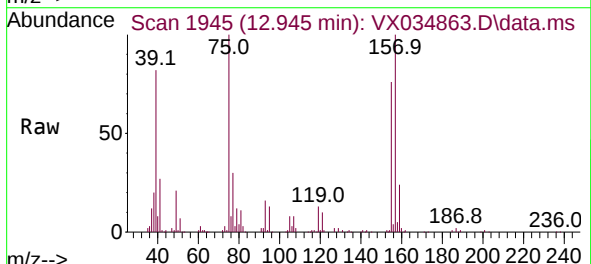
Tgt Ion:146 Resp: 325768
Ion Ratio Lower Upper
146 100
111 44.3 22.0 66.0
148 63.1 32.0 96.0

Manual Integrations
APPROVED

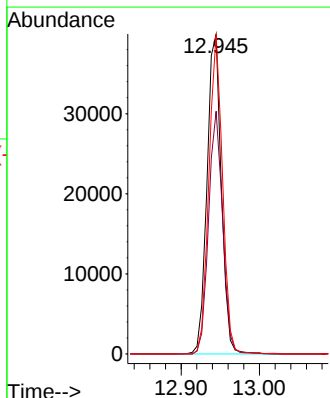
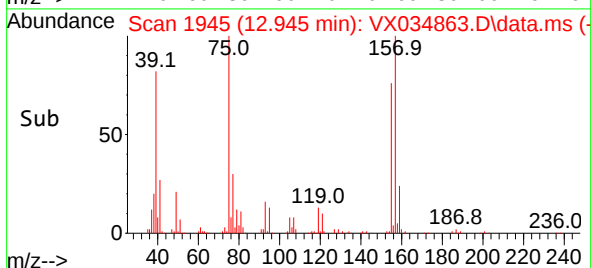
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

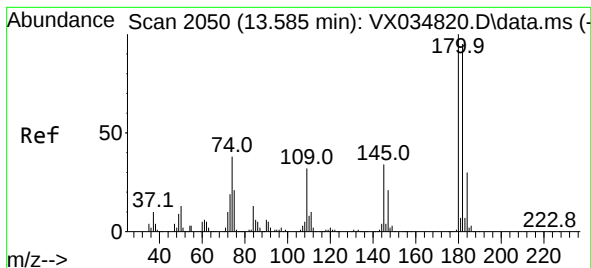


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.762 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01



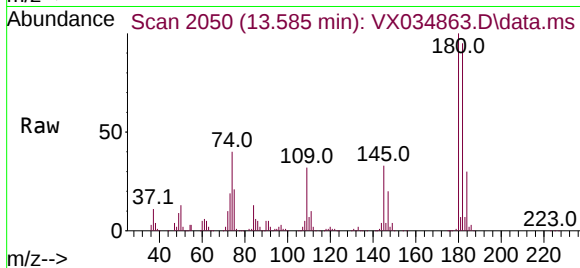
Tgt Ion: 75 Resp: 50414
Ion Ratio Lower Upper
75 100
155 74.7 38.4 115.1
157 95.5 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 49.177 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

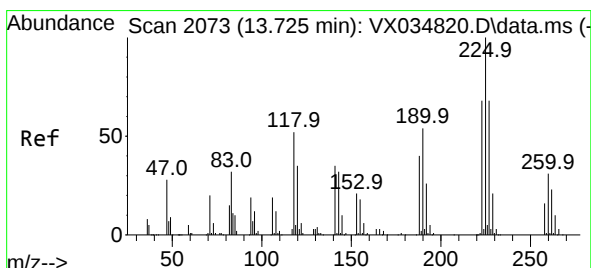
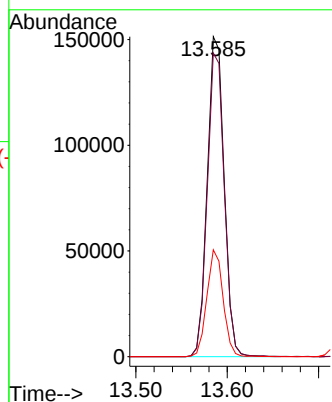
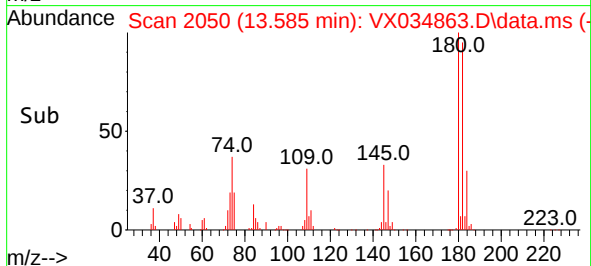
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



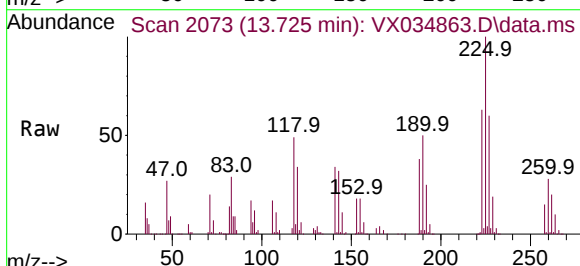
Tgt Ion:180 Resp: 19394
Ion Ratio Lower Upper
180 100
182 95.3 47.0 141.0
145 32.2 15.9 47.7

Manual Integrations
APPROVED

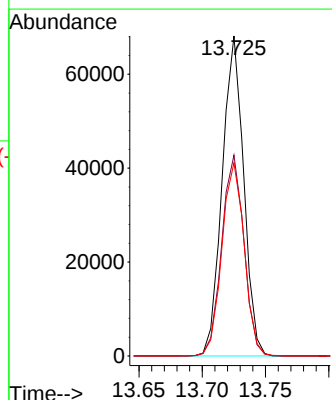
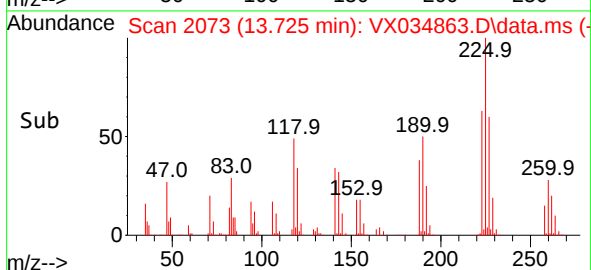
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

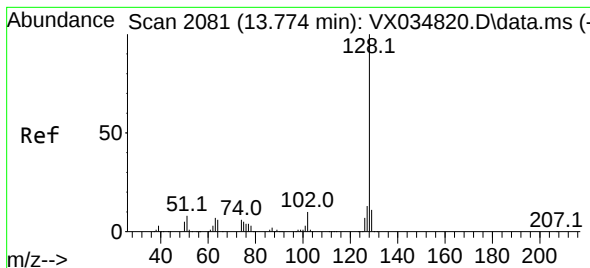


#94
Hexachlorobutadiene
Concen: 46.296 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01



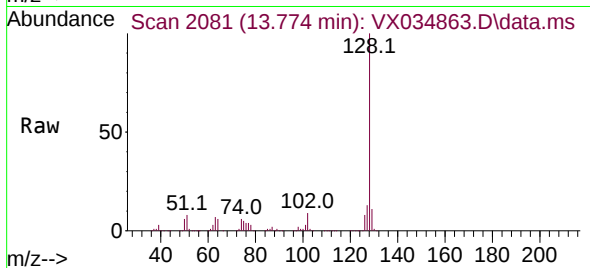
Tgt Ion:225 Resp: 80304
Ion Ratio Lower Upper
225 100
223 64.8 32.1 96.5
227 62.9 31.8 95.4





#95
Naphthalene
Concen: 46.248 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

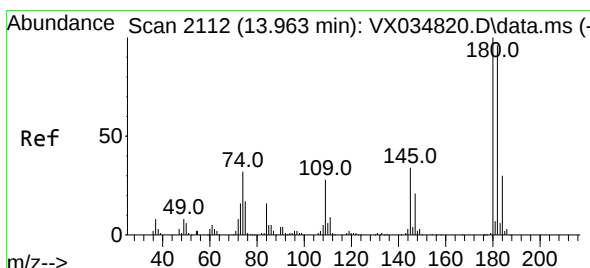
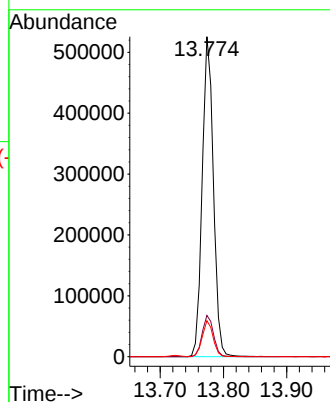
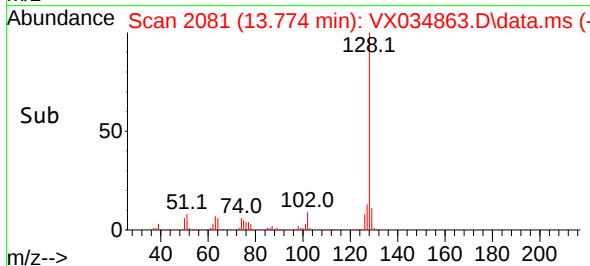
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 64808
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.109 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX034863.D
Acq: 31 Mar 2023 09:01

Tgt Ion:180 Resp: 191331
Ion Ratio Lower Upper
180 100
182 94.0 48.0 144.2
145 34.5 17.7 53.1

