

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021223\
 Data File : VX034107.D
 Acq On : 10 Feb 2023 11:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 10 13:15:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/10/2023
 Supervised By : Mahesh Dadoda 02/13/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	131155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	173998	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62261	49.242	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.480%		
35) Dibromofluoromethane	5.379	113	55333	49.968	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.940%		
50) Toluene-d8	8.647	98	192121	48.153	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.300%		
62) 4-Bromofluorobenzene	11.079	95	72181	50.654	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	54799	51.398	ug/l	100
3) Chloromethane	1.294	50	44895	44.621	ug/l	98
4) Vinyl Chloride	1.374	62	45204	42.901	ug/l	98
5) Bromomethane	1.599	94	27532	50.742	ug/l	100
6) Chloroethane	1.685	64	25532	43.819	ug/l	99
7) Trichlorofluoromethane	1.886	101	84733	50.542	ug/l	96
8) Diethyl Ether	2.130	74	25529	44.273	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	54067	48.304	ug/l	90
10) Methyl Iodide	2.453	142	71512	45.097	ug/l	96
11) Tert butyl alcohol	2.947	59	48100	271.528	ug/l #	83
12) 1,1-Dichloroethene	2.319	96	49435	46.035	ug/l	91
13) Acrolein	2.233	56	53264	224.177	ug/l	98
14) Allyl chloride	2.660	41	81521	46.559	ug/l	92
15) Acrylonitrile	3.056	53	132493	233.163	ug/l	98
16) Acetone	2.374	43	137453	257.387	ug/l	98
17) Carbon Disulfide	2.514	76	116574	42.786	ug/l	97
18) Methyl Acetate	2.697	43	81213	48.888	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	167538	50.593	ug/l	98
20) Methylene Chloride	2.788	84	55215	45.194	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	55047	47.064	ug/l	93
22) Diisopropyl ether	3.757	45	159834	46.259	ug/l	90
23) Vinyl Acetate	3.715	43	623995	237.161	ug/l	97
24) 1,1-Dichloroethane	3.605	63	96169	48.287	ug/l	99
25) 2-Butanone	4.544	43	184849	237.712	ug/l	95
26) 2,2-Dichloropropane	4.471	77	74508	51.286	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	64555	47.983	ug/l	96
28) Bromochloromethane	4.891	49	40101	45.797	ug/l	85
29) Tetrahydrofuran	4.995	42	113517	229.525	ug/l	93
30) Chloroform	5.086	83	102295	49.284	ug/l	100
31) Cyclohexane	5.464	56	83812	45.517	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	93919	52.541	ug/l	97
36) 1,1-Dichloropropene	5.690	75	75531	49.748	ug/l	98
37) Ethyl Acetate	4.702	43	68694	48.569	ug/l	97
38) Carbon Tetrachloride	5.678	117	86843	53.630	ug/l	98
39) Methylcyclohexane	7.379	83	92652	48.479	ug/l	97
40) Benzene	6.038	78	214349	48.793	ug/l	100

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Manual Integrations
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Reviewed By : John Carlone 02/10/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	40410	50.769	ug/l	97
42) 1,2-Dichloroethane	6.086	62	80589	53.986	ug/l	99
43) Isopropyl Acetate	6.336	43	113315	51.372	ug/l	98
44) Trichloroethene	7.117	130	67692	50.137	ug/l	96
45) 1,2-Dichloropropane	7.428	63	53475	49.303	ug/l	99
46) Dibromomethane	7.580	93	40052	51.543	ug/l	94
47) Bromodichloromethane	7.818	83	78001	52.974	ug/l	98
48) Methyl methacrylate	7.690	41	58795	51.626	ug/l	94
49) 1,4-Dioxane	7.659	88	25093	1144.665	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	350760	253.517	ug/l	97
52) Toluene	8.714	92	141199	49.596	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	81538	55.086	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	88969	52.830	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	57843	50.866	ug/l	98
56) Ethyl methacrylate	9.116	69	82965	52.237	ug/l	96
57) 1,3-Dichloropropane	9.305	76	92746	49.927	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	179073	242.329	ug/l	96
59) 2-Hexanone	9.427	43	262067	258.828	ug/l	97
60) Dibromochloromethane	9.519	129	69078	54.810	ug/l	98
61) 1,2-Dibromoethane	9.610	107	62773	51.336	ug/l	98
64) Tetrachloroethene	9.275	164	62606	48.925	ug/l	97
65) Chlorobenzene	10.079	112	156852	49.558	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	63646	53.215	ug/l	98
67) Ethyl Benzene	10.195	91	272908	50.944	ug/l	100
68) m/p-Xylenes	10.299	106	215834	100.794	ug/l	98
69) o-Xylene	10.640	106	106357	51.716	ug/l	98
70) Styrene	10.653	104	178825	52.795	ug/l	99
71) Bromoform	10.799	173	54926	56.300	ug/l #	100
73) Isopropylbenzene	10.963	105	280310	48.740	ug/l	100
74) N-amyl acetate	10.842	43	94255	49.749	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	81880	47.318	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	67904m	45.956	ug/l	
77) Bromobenzene	11.195	156	77528	48.614	ug/l	96
78) n-propylbenzene	11.305	91	311904	49.050	ug/l	99
79) 2-Chlorotoluene	11.366	91	188633	48.992	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	238789	49.882	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	24036	50.096	ug/l	99
82) 4-Chlorotoluene	11.457	91	216982	49.827	ug/l	99
83) tert-Butylbenzene	11.713	119	245549	49.649	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	239526	50.084	ug/l	99
85) sec-Butylbenzene	11.890	105	295044	49.861	ug/l	99
86) p-Isopropyltoluene	12.012	119	263365	50.746	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	144937	49.530	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	145130	48.850	ug/l	99
89) n-Butylbenzene	12.329	91	209468	51.479	ug/l	99
90) Hexachloroethane	12.536	117	43799	53.608	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	141133	49.453	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18166	53.387	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	103666	51.410	ug/l	99
94) Hexachlorobutadiene	13.725	225	50710	50.806	ug/l	100
95) Naphthalene	13.774	128	285647	51.559	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	101894	50.305	ug/l	99

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ClientSampleId :
VSTDCCC050

Manual Integrations
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QLast Update : Fri Feb 03 23:25:45 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

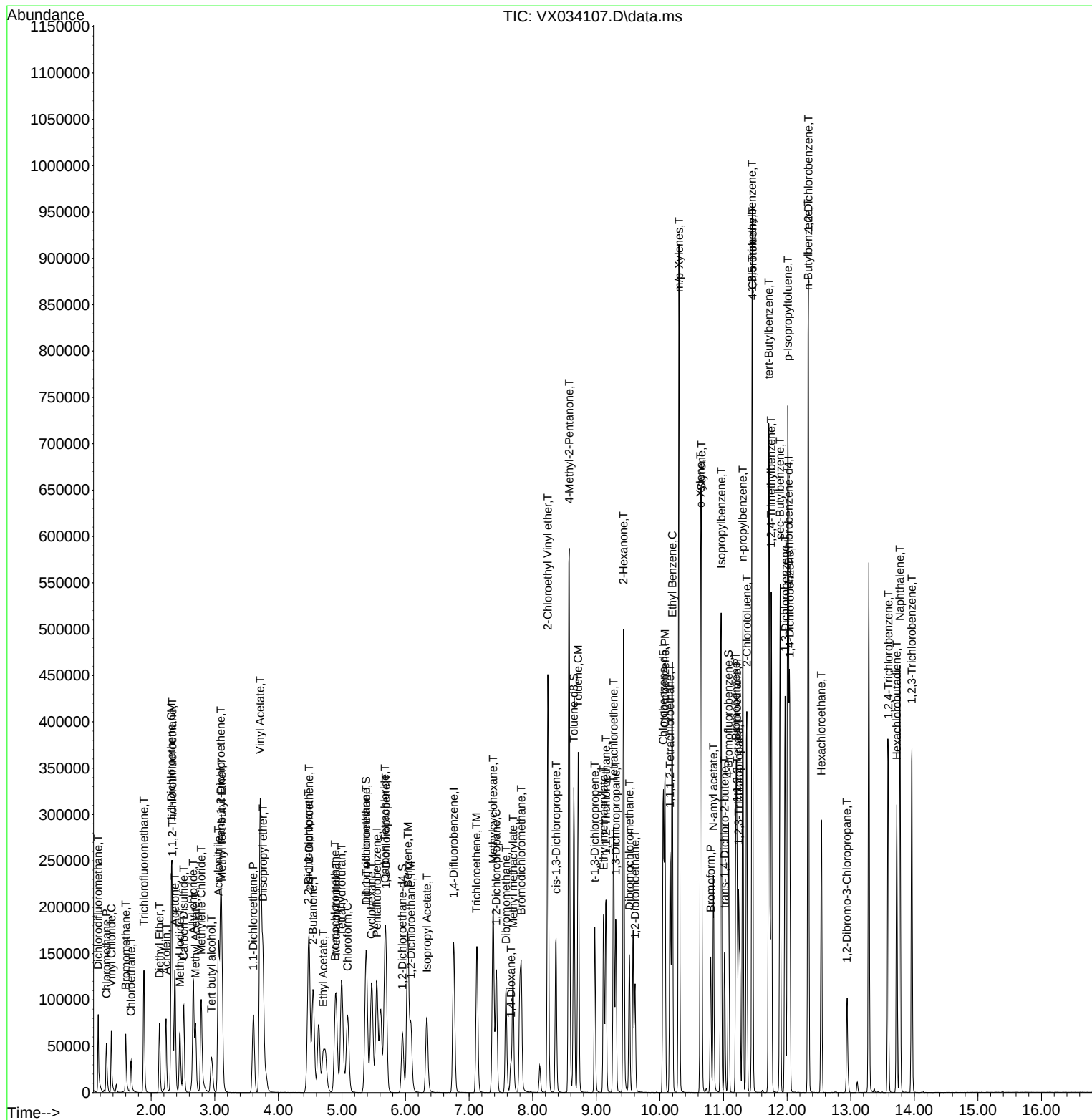
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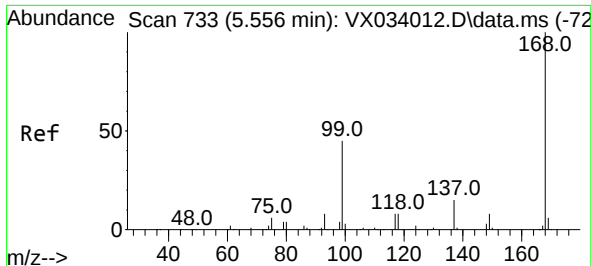
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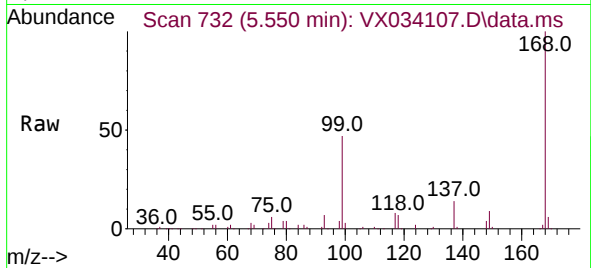
Reviewed By :John Carlone 02/10/2023
 Supervised By :Mahesh Dadoda 02/13/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

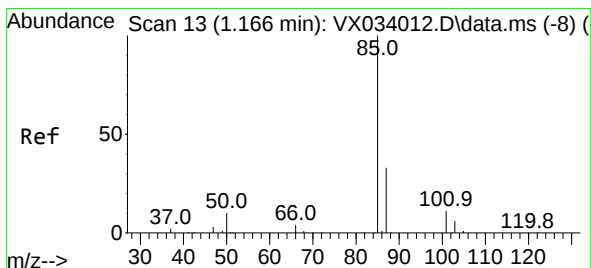
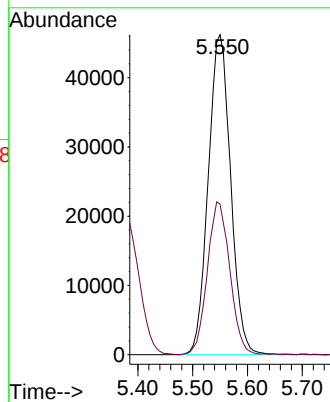
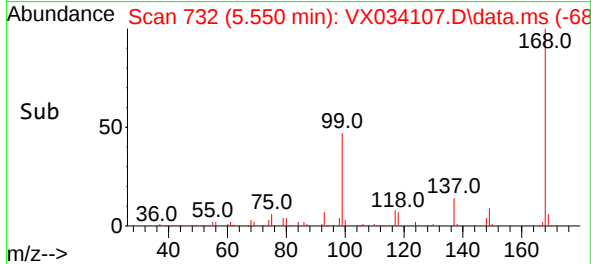
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 13115
Ion Ratio Lower Upper
168 100
99 47.1 39.6 59.4

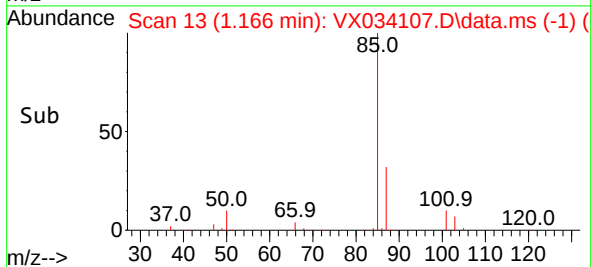
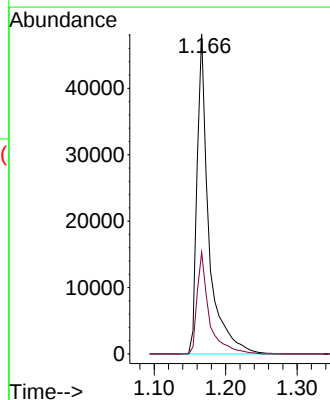
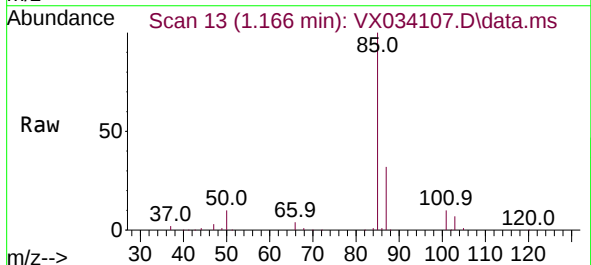
Manual Integrations
APPROVED

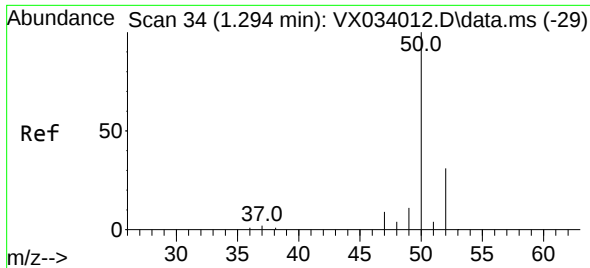
Reviewed By :John Carlone 02/10/2023
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#2
Dichlorodifluoromethane
Concen: 51.398 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

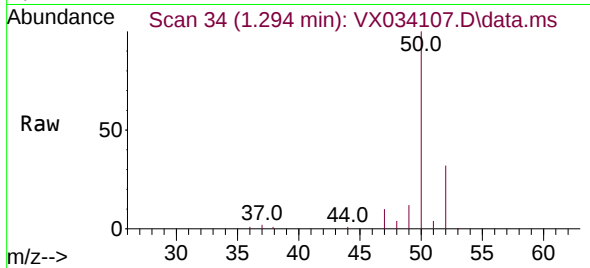
Tgt Ion: 85 Resp: 54799
Ion Ratio Lower Upper
85 100
87 31.8 15.8 47.4





#3
Chloromethane
Concen: 44.621 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

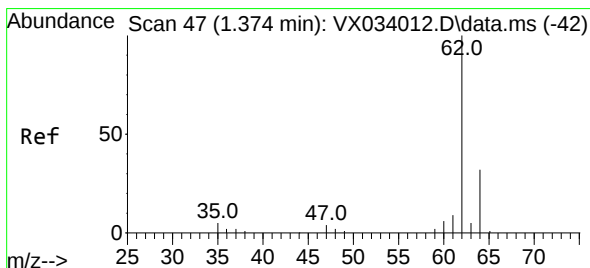
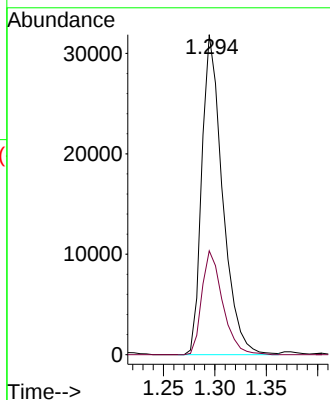
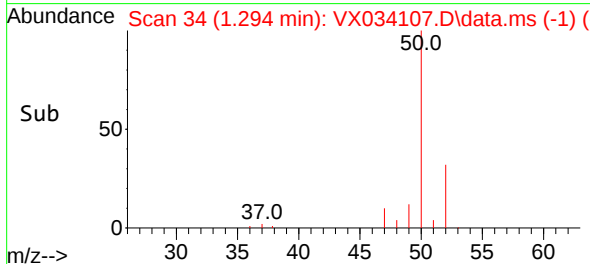
Instrument :
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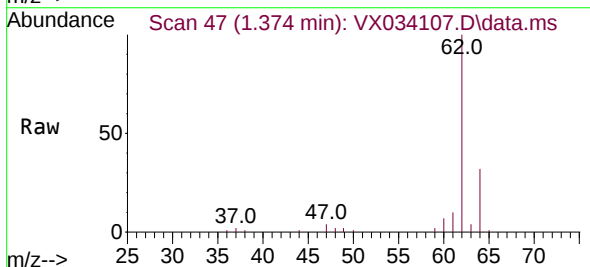
Tgt Ion: 50 Resp: 4489
Ion Ratio Lower Upper
50 100
52 32.4 25.2 37.8

Manual Integrations
APPROVED

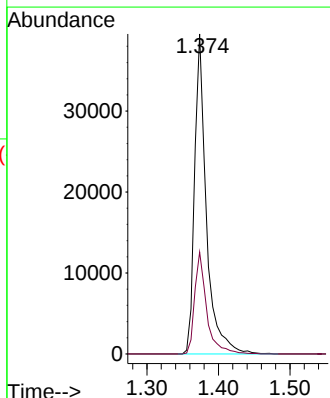
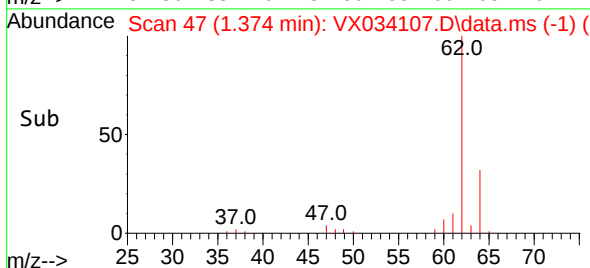
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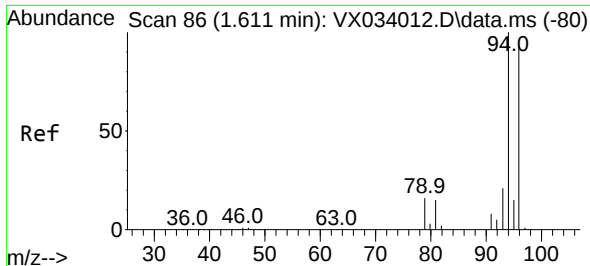


#4
Vinyl Chloride
Concen: 42.901 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47



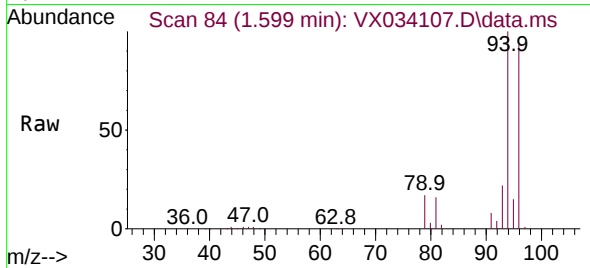
Tgt Ion: 62 Resp: 45204
Ion Ratio Lower Upper
62 100
64 31.9 26.2 39.4





#5
Bromomethane
Concen: 50.742 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.012 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

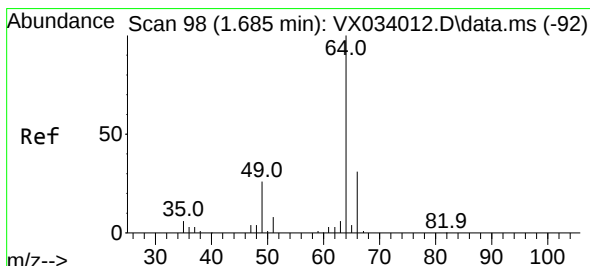
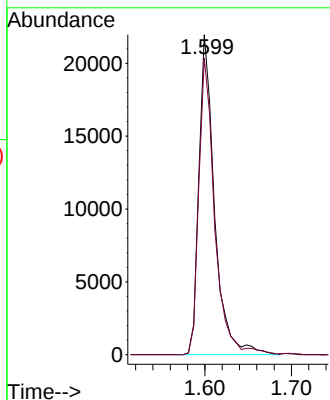
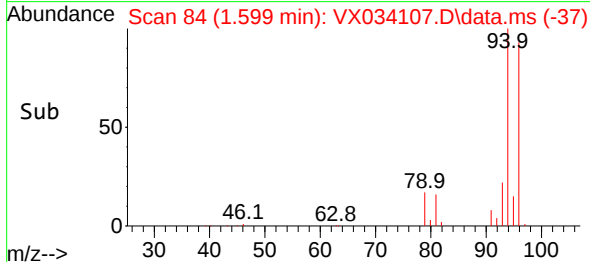
Instrument :
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Tgt Ion: 94 Resp: 27532
Ion Ratio Lower Upper
94 100
96 92.6 74.3 111.5

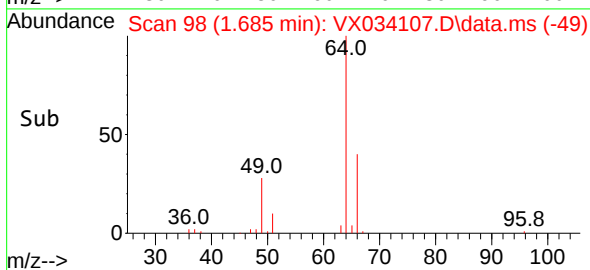
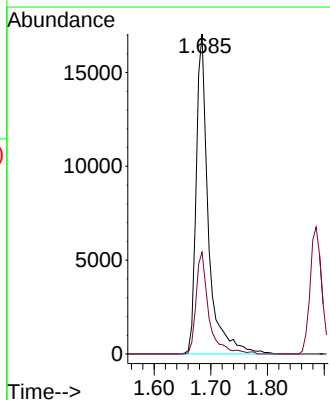
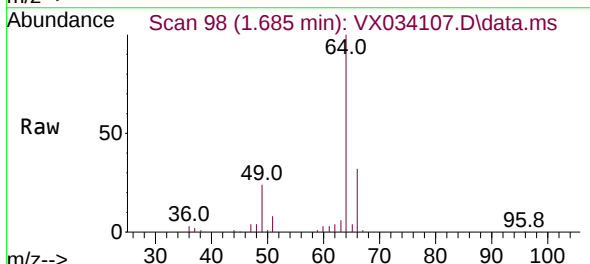
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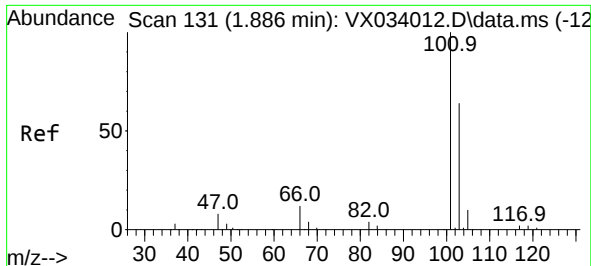
Reviewed By :John Carlone 02/10/2023
Supervised By :Mahesh Dadoda 02/13/2023



#6
Chloroethane
Concen: 43.819 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

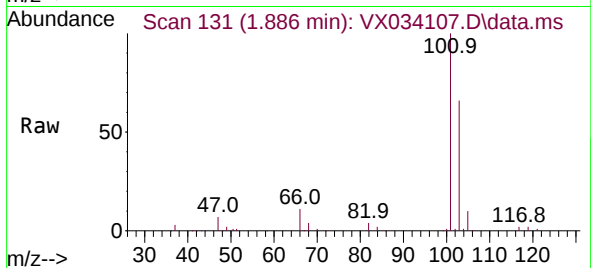
Tgt Ion: 64 Resp: 25532
Ion Ratio Lower Upper
64 100
66 31.8 26.1 39.1





#7
Trichlorofluoromethane
Concen: 50.542 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

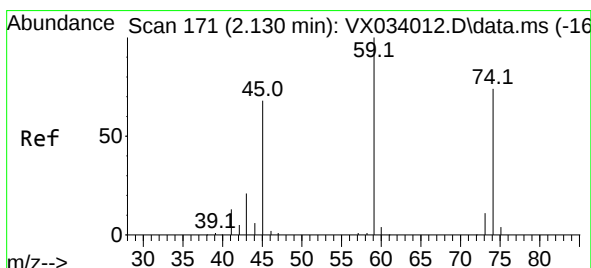
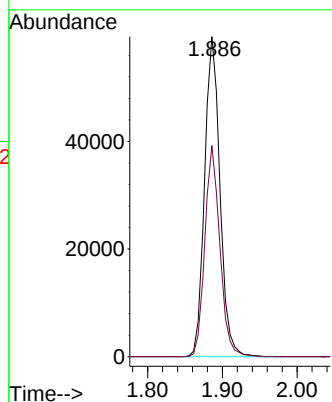
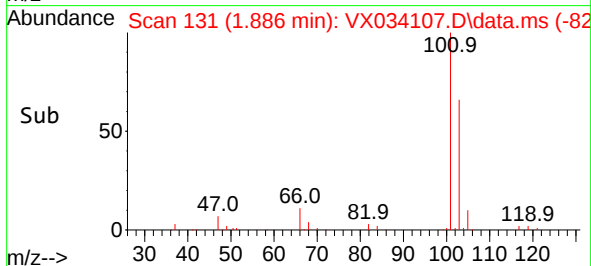
Instrument :
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Tgt Ion:101 Resp: 8473
Ion Ratio Lower Upper
101 100
103 65.9 50.6 75.8

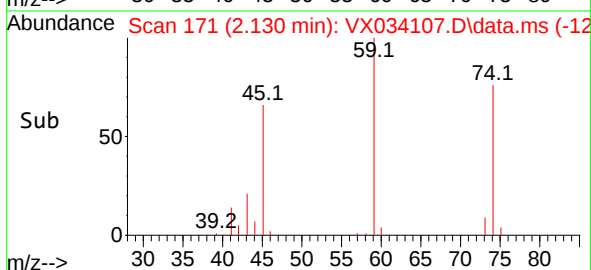
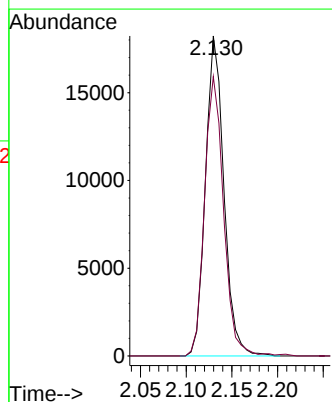
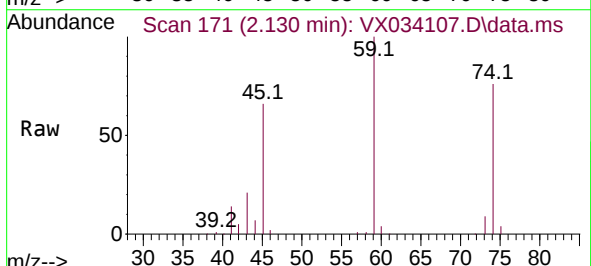
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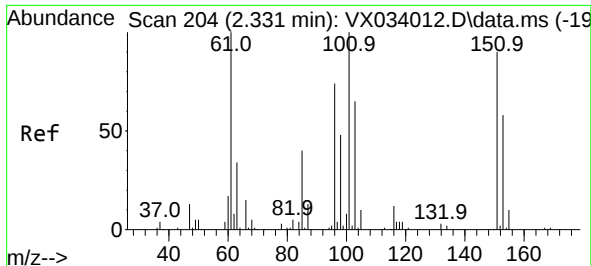
Reviewed By :John Carlone 02/10/2023
Supervised By :Mahesh Dadoda 02/13/2023



#8
Diethyl Ether
Concen: 44.273 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

Tgt Ion: 74 Resp: 25529
Ion Ratio Lower Upper
74 100
45 90.4 51.5 154.5





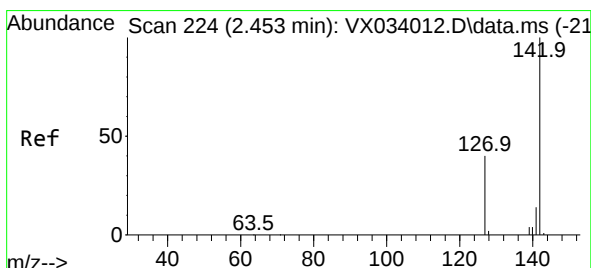
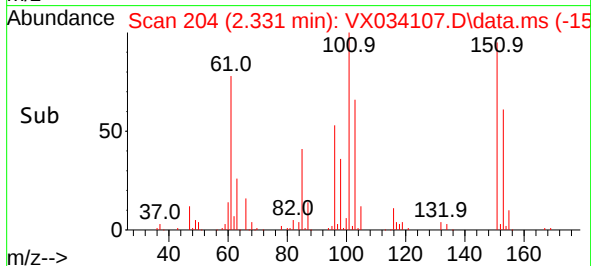
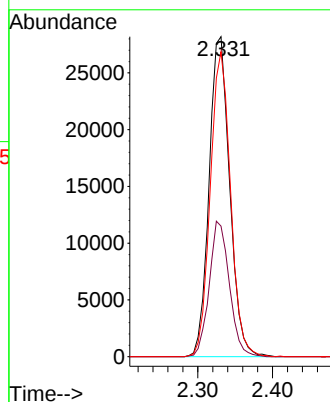
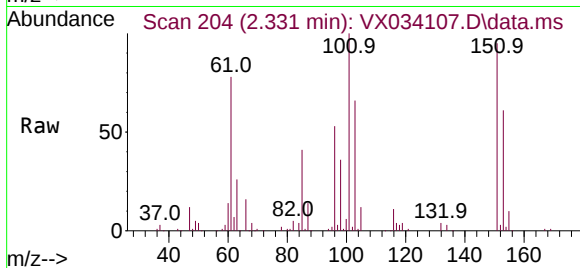
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.304 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 5406
Ion Ratio Lower Upper
101 100
85 41.4 36.7 55.1
151 93.5 66.5 99.7

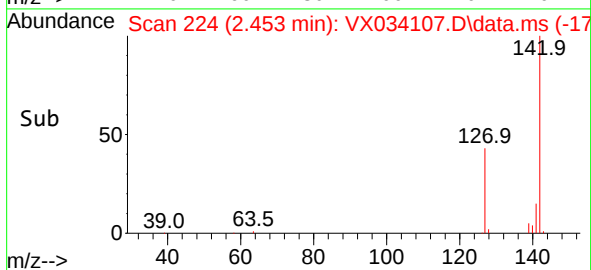
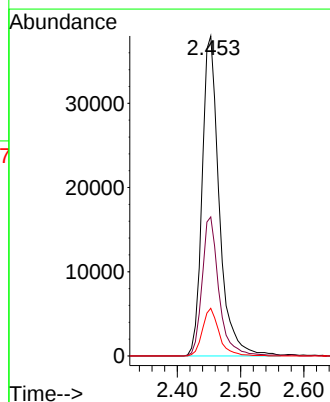
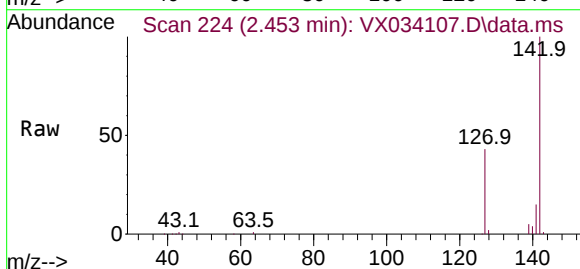
Manual Integrations
APPROVED

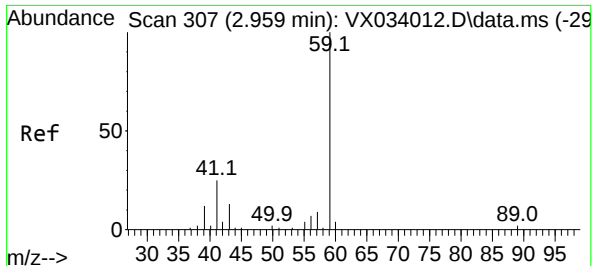
Reviewed By :John Carlone 02/10/2023
Supervised By :Mahesh Dadoda 02/13/2023



#10
Methyl Iodide
Concen: 45.097 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

Tgt Ion:142 Resp: 71512
Ion Ratio Lower Upper
142 100
127 43.0 37.3 55.9
141 14.6 11.5 17.3





#11

Tert butyl alcohol

Concen: 271.528 ug/l

RT: 2.947 min Scan# 307

Delta R.T. -0.012 min

Lab File: VX034107.D

Acq: 10 Feb 2023 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 48100

Ion Ratio Lower Upper

59 100

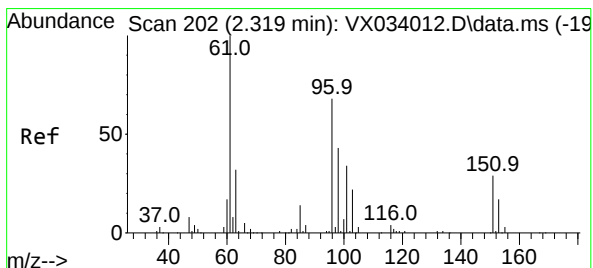
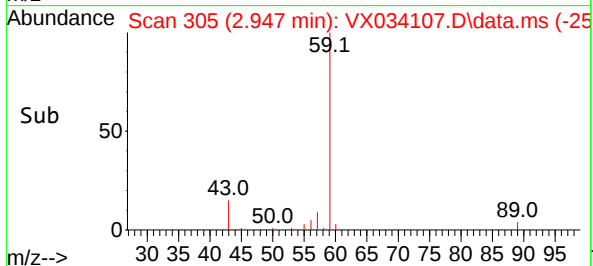
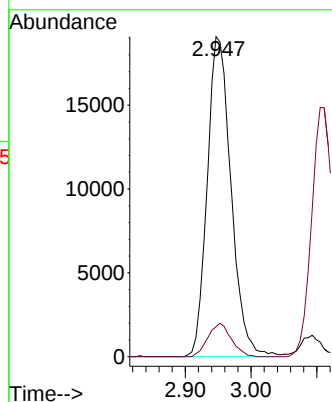
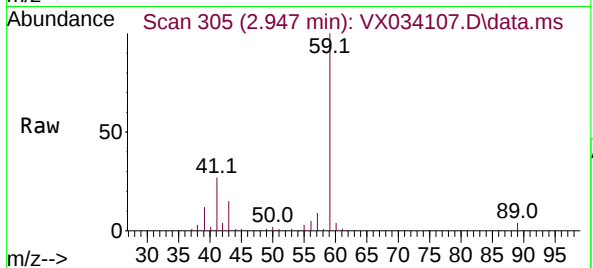
57 10.2 3.7 5.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Mahesh Dadoda 02/13/2023



#12

1,1-Dichloroethene

Concen: 46.035 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX034107.D

Acq: 10 Feb 2023 11:47

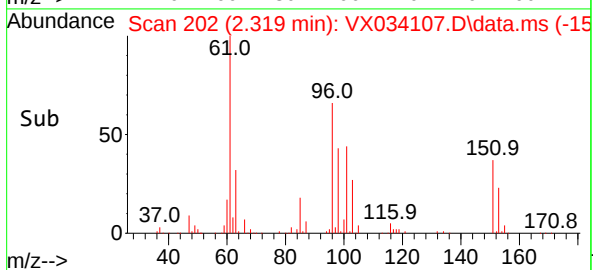
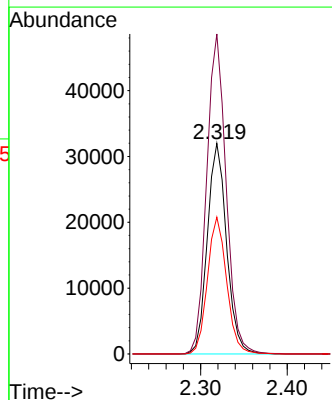
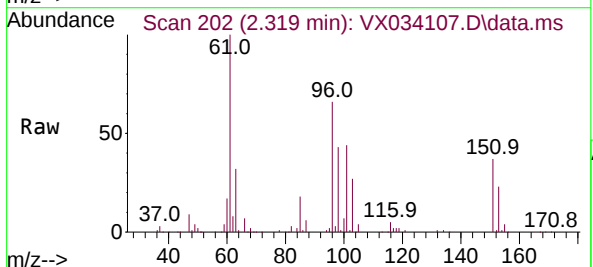
Tgt Ion: 96 Resp: 49435

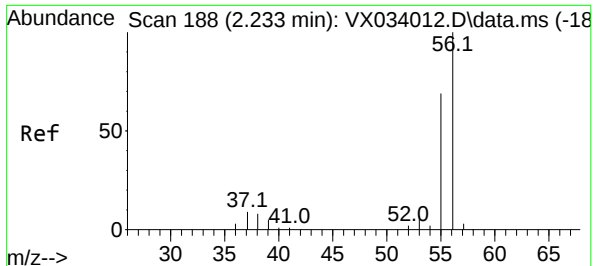
Ion Ratio Lower Upper

96 100

61 152.0 134.2 201.4

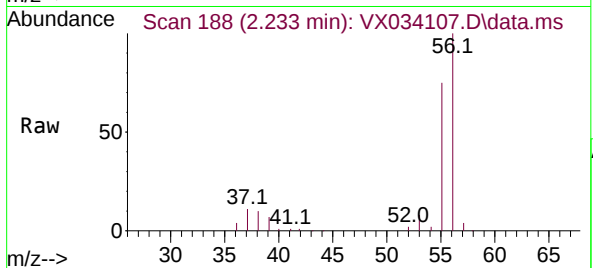
98 65.0 50.2 75.2





#13
Acrolein
Concen: 224.177 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

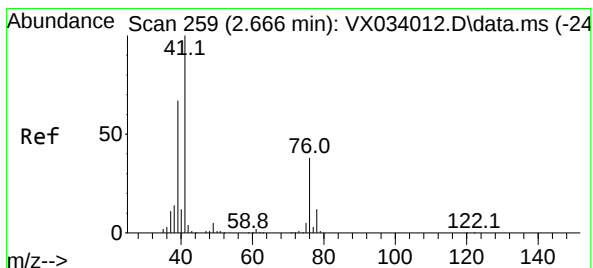
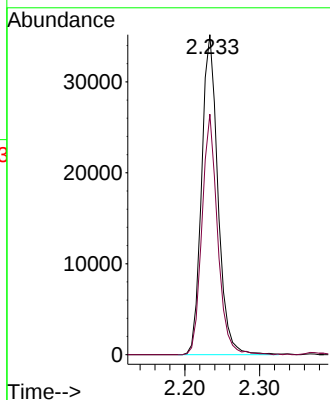
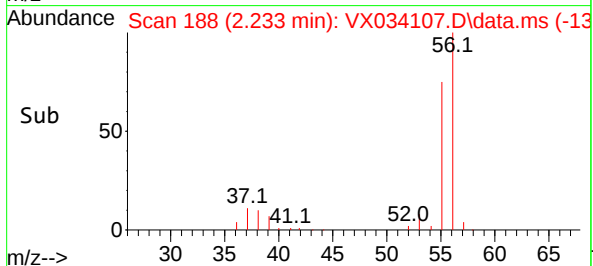
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



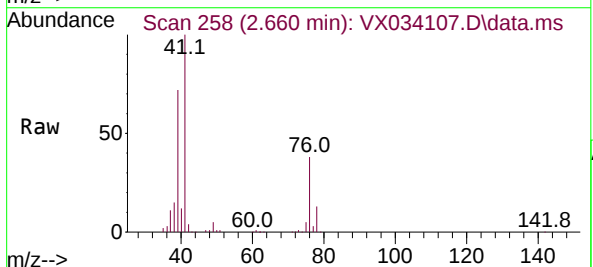
Tgt Ion: 56 Resp: 53264
Ion Ratio Lower Upper
56 100
55 72.1 56.3 84.5

Manual Integrations
APPROVED

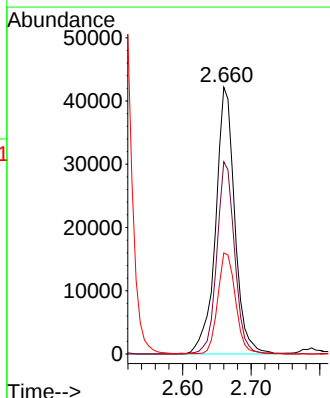
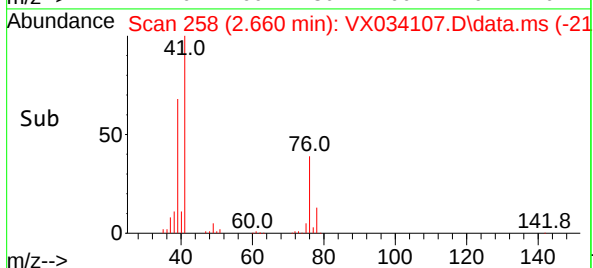
Reviewed By :John Carlone 02/10/2023
Supervised By :Mahesh Dadoda 02/13/2023

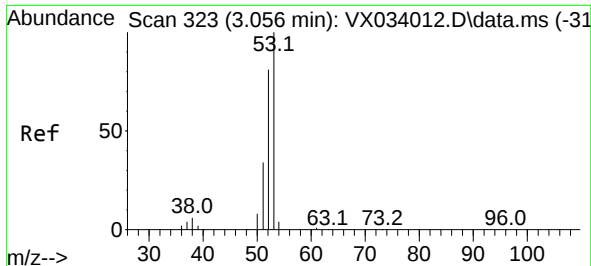


#14
Allyl chloride
Concen: 46.559 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47



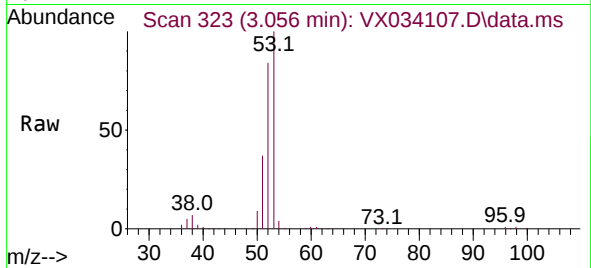
Tgt Ion: 41 Resp: 81521
Ion Ratio Lower Upper
41 100
39 66.9 59.0 88.4
76 35.3 24.6 37.0





#15
Acrylonitrile
Concen: 233.163 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

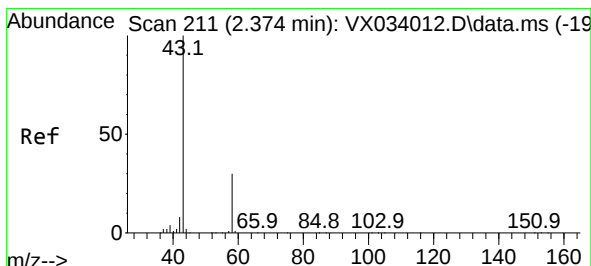
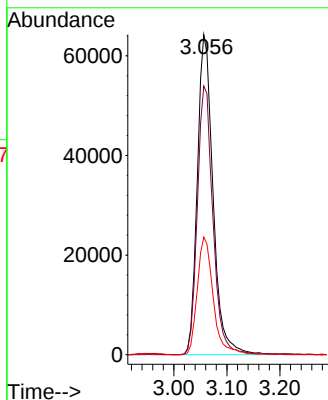
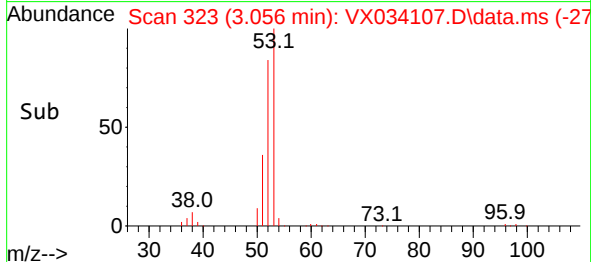
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



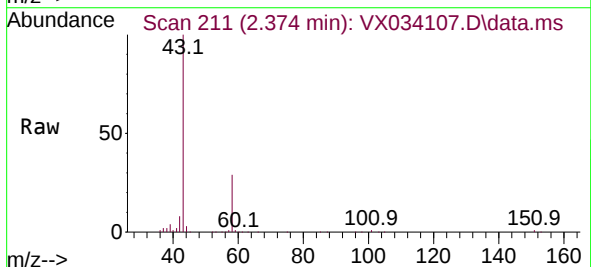
Tgt Ion: 53 Resp: 13249
Ion Ratio Lower Upper
53 100
52 83.5 65.7 98.5
51 37.3 29.0 43.4

Manual Integrations
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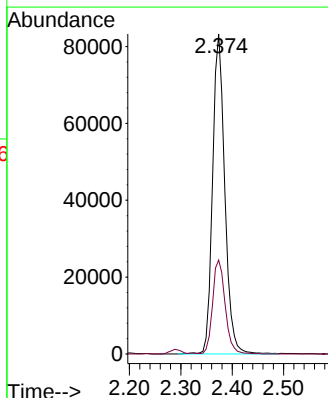
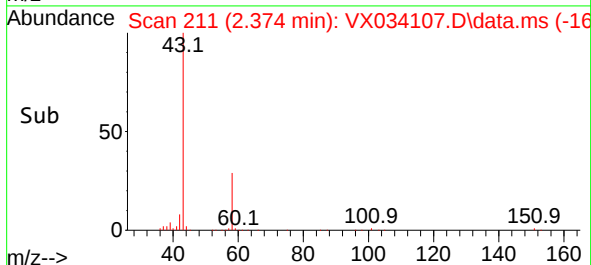
Reviewed By :John Carlone 02/10/2023
Supervised By :Mahesh Dadoda 02/13/2023

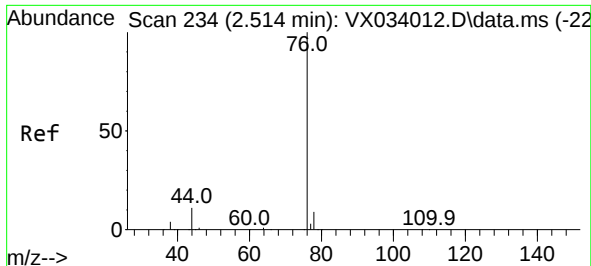


#16
Acetone
Concen: 257.387 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47



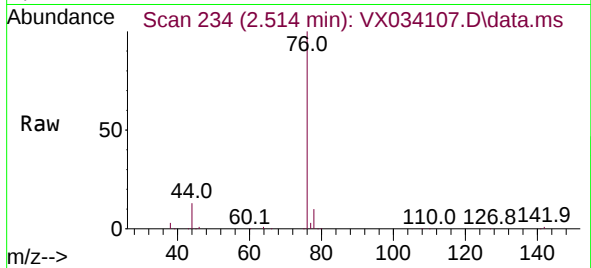
Tgt Ion: 43 Resp: 137453
Ion Ratio Lower Upper
43 100
58 29.3 22.6 33.8





#17
Carbon Disulfide
Concen: 42.786 ug/l
RT: 2.514 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

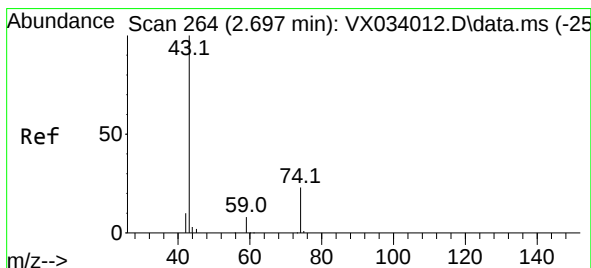
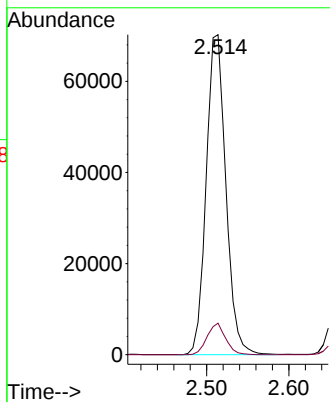
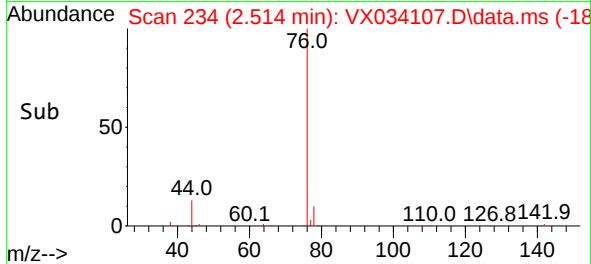
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



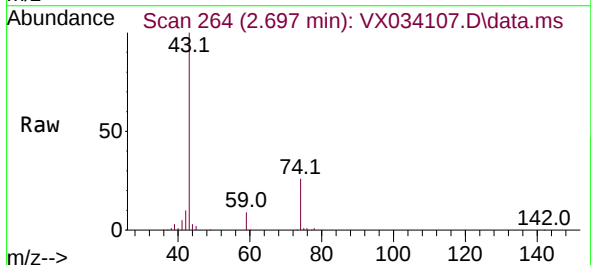
Tgt Ion: 76 Resp: 116574
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.6

Manual Integrations
APPROVED

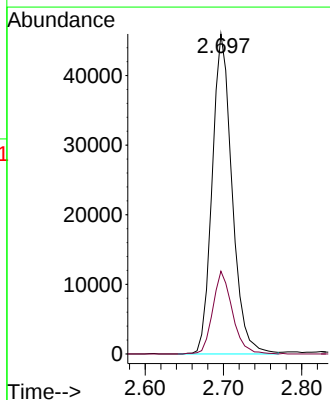
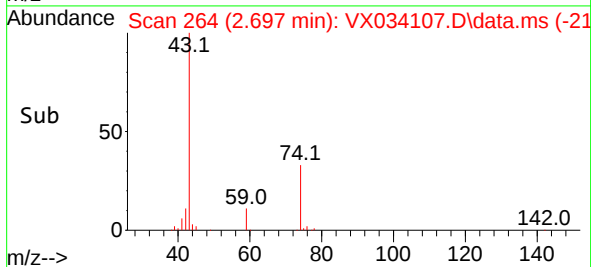
Reviewed By :John Carlone 02/10/2023
Supervised By :Mahesh Dadoda 02/13/2023

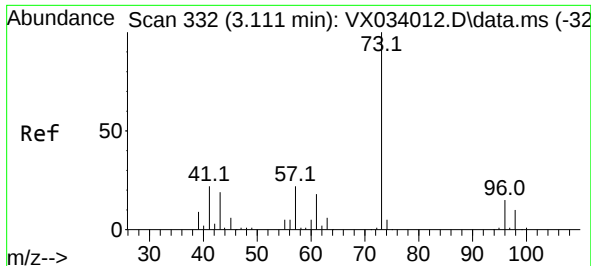


#18
Methyl Acetate
Concen: 48.888 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47



Tgt Ion: 43 Resp: 81213
Ion Ratio Lower Upper
43 100
74 25.5 18.2 27.4





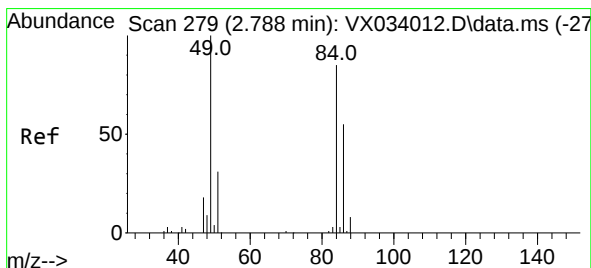
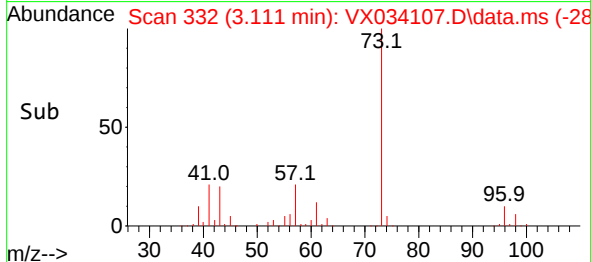
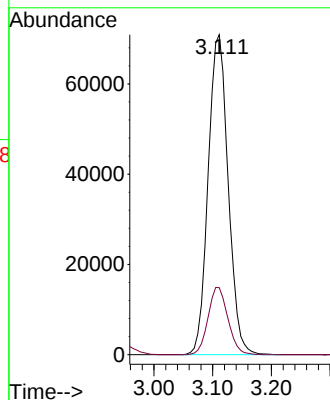
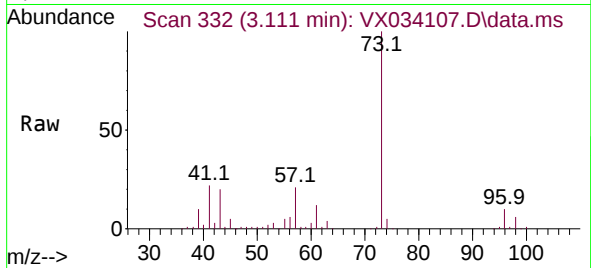
#19
Methyl tert-butyl Ether
Concen: 50.593 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 167538
Ion Ratio Lower Upper
73 100
57 20.9 17.4 26.0

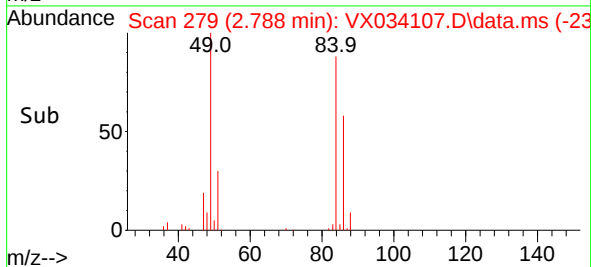
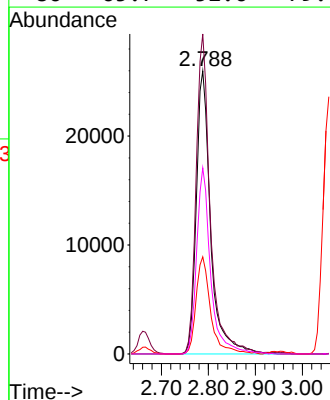
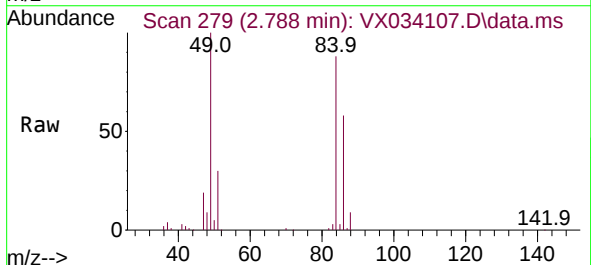
Manual Integrations
APPROVED

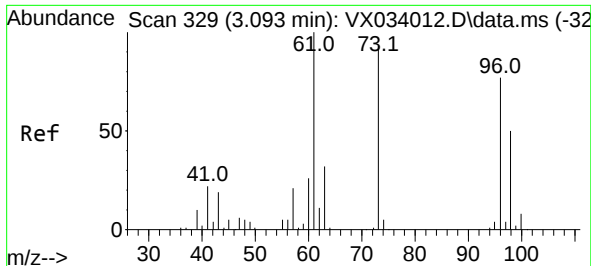
Reviewed By :John Carlone 02/10/2023
Supervised By :Mahesh Dadoda 02/13/2023



#20
Methylene Chloride
Concen: 45.194 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

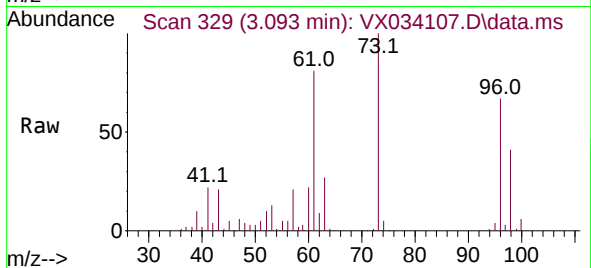
Tgt Ion: 84 Resp: 55215
Ion Ratio Lower Upper
84 100
49 113.1 101.1 151.7
51 34.3 31.0 46.6
86 65.7 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 47.064 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

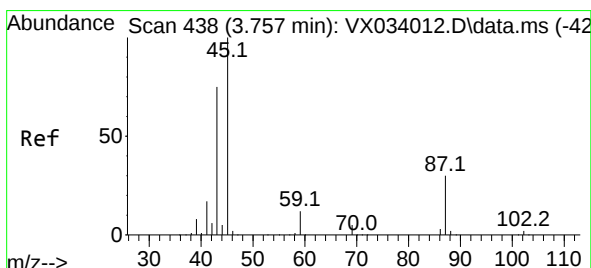
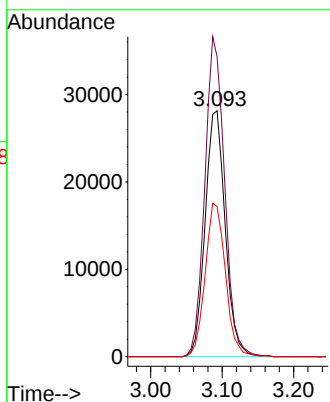
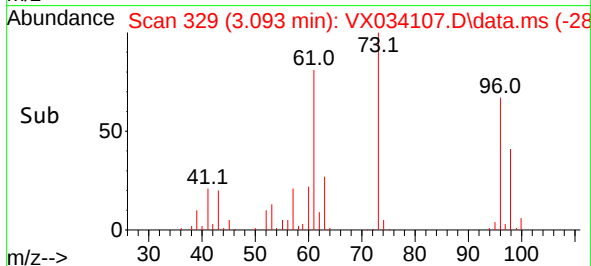
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



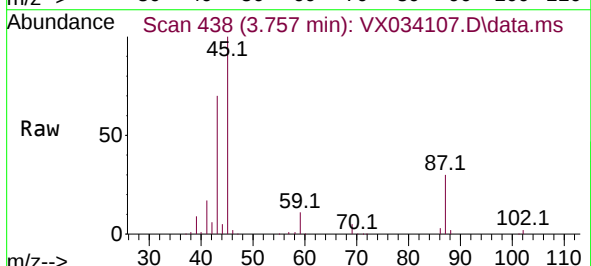
Tgt Ion: 96 Resp: 5504
Ion Ratio Lower Upper
96 100
61 121.9 106.7 160.1
98 61.0 50.0 75.0

Manual Integrations
APPROVED

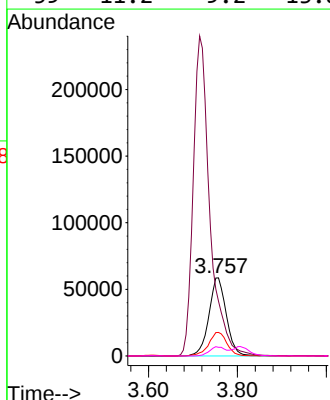
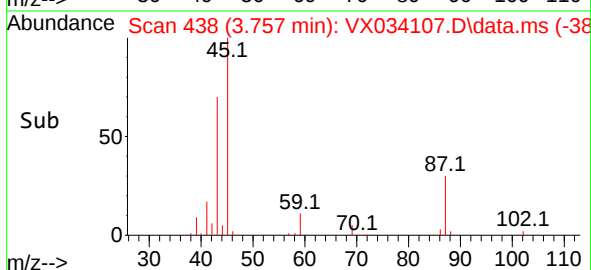
Reviewed By :John Carlone 02/10/2023
Supervised By :Mahesh Dadoda 02/13/2023



#22
Diisopropyl ether
Concen: 46.259 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47



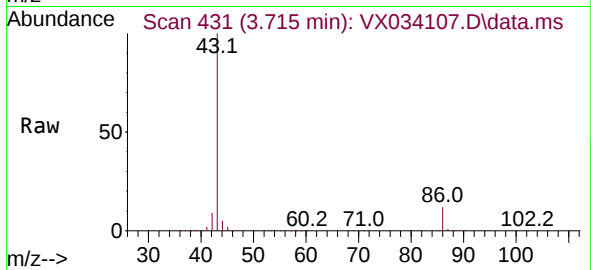
Tgt Ion: 45 Resp: 159834
Ion Ratio Lower Upper
45 100
43 69.7 64.6 97.0
87 30.2 21.9 32.9
59 11.2 9.2 13.8





#23
 Vinyl Acetate
 Concen: 237.161 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX034107.D
 Acq: 10 Feb 2023 11:47

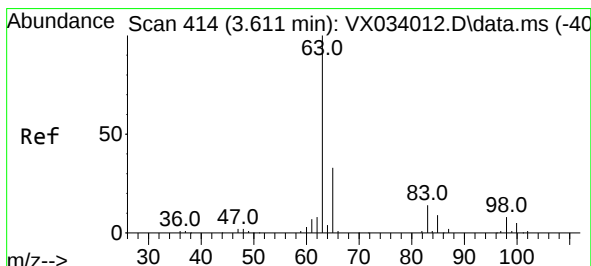
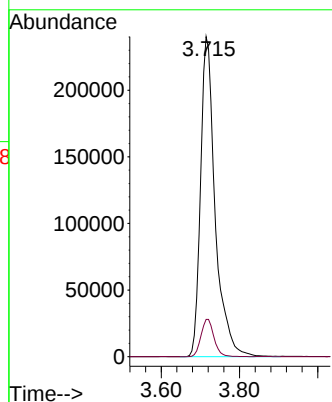
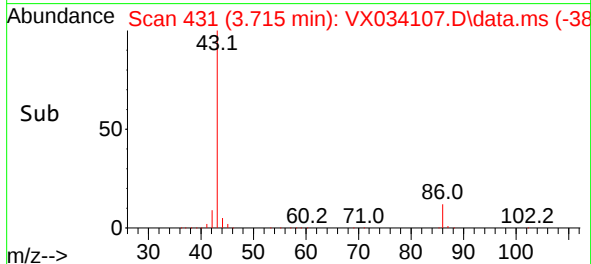
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



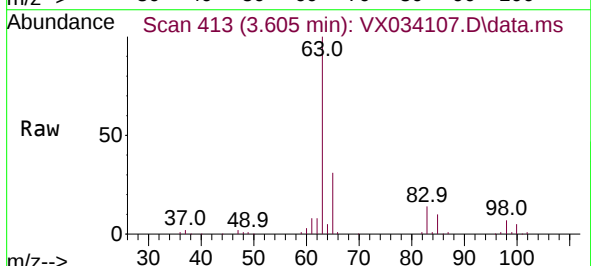
Tgt Ion: 43 Resp: 62399
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.4 12.6

Manual Integrations
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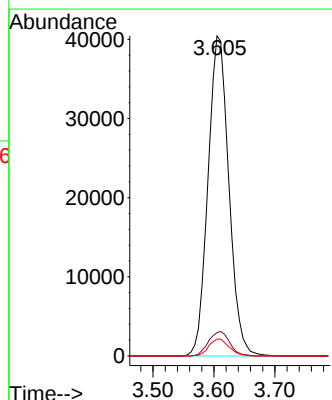
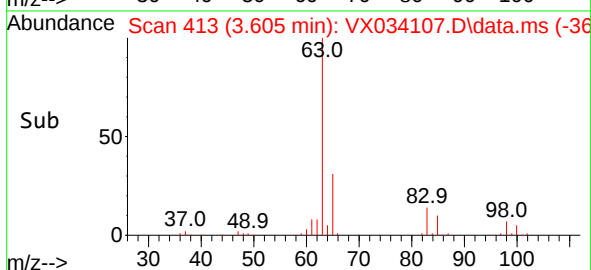
Reviewed By :John Carlone 02/10/2023
 Supervised By :Mahesh Dadoda 02/13/2023

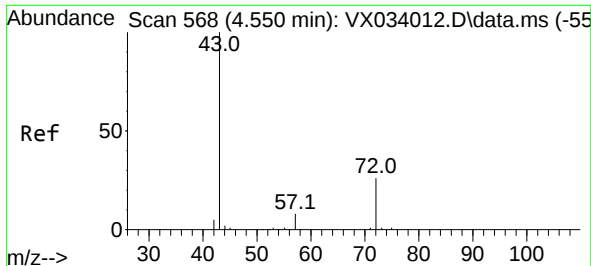


#24
 1,1-Dichloroethane
 Concen: 48.287 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX034107.D
 Acq: 10 Feb 2023 11:47



Tgt Ion: 63 Resp: 96169
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.2
 100 5.3 2.4 7.2





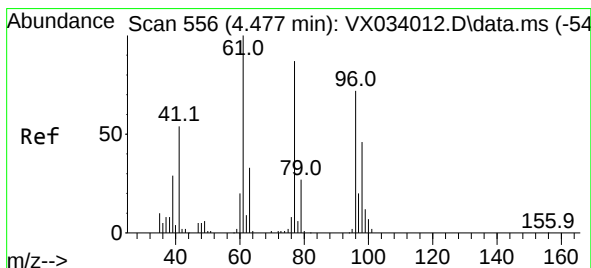
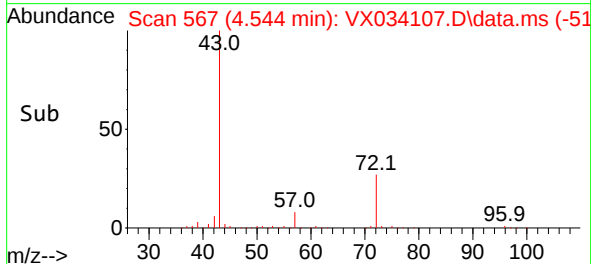
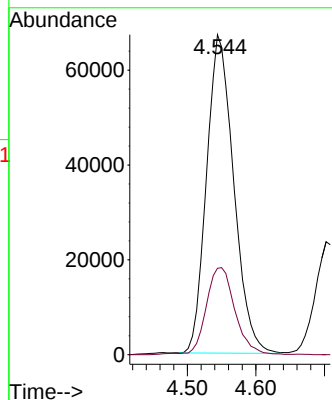
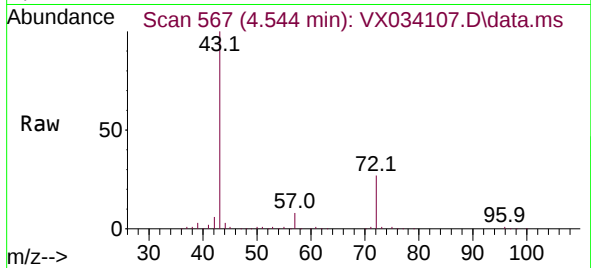
#25
2-Butanone
Concen: 237.712 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 184849
Ion Ratio Lower Upper
43 100
72 26.9 19.4 29.2

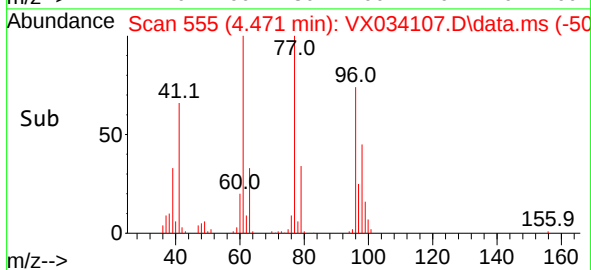
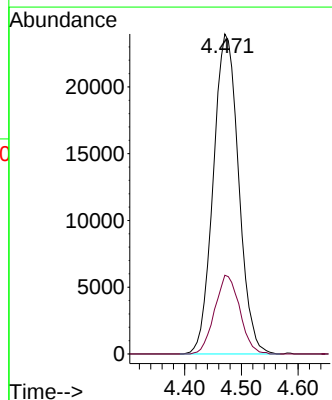
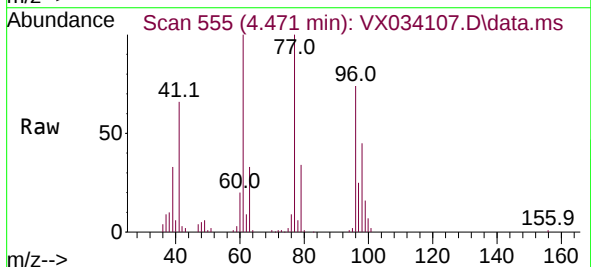
Manual Integrations
APPROVED

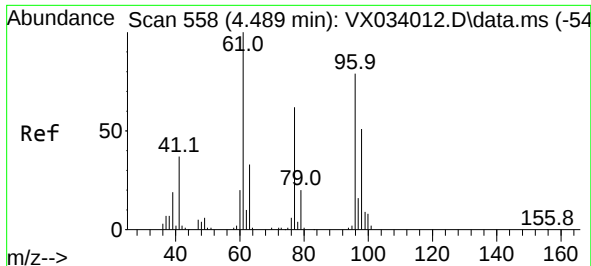
Reviewed By :John Carlone 02/10/2023
Supervised By :Mahesh Dadoda 02/13/2023



#26
2,2-Dichloropropane
Concen: 51.286 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

Tgt Ion: 77 Resp: 74508
Ion Ratio Lower Upper
77 100
97 24.3 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 47.983 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX034107.D

Acq: 10 Feb 2023 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 6455

Ion Ratio Lower Upper

96 100

61 132.0 0.0 277.6

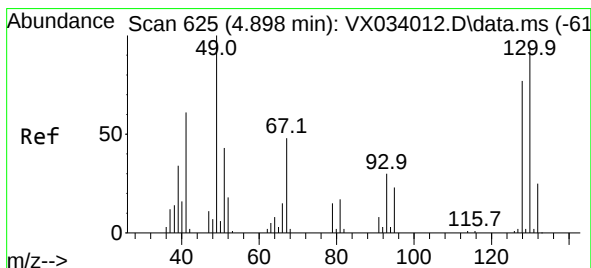
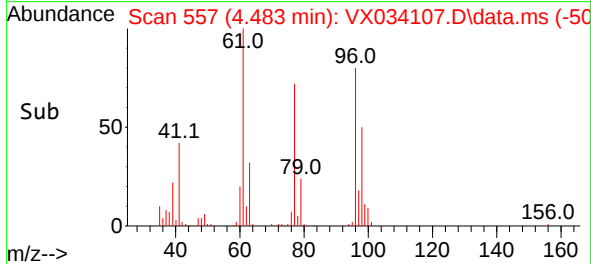
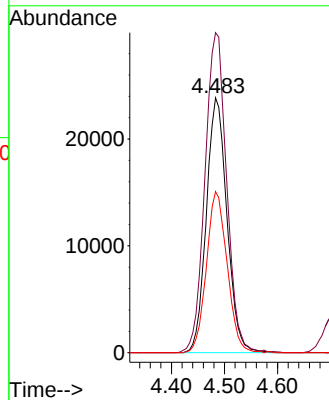
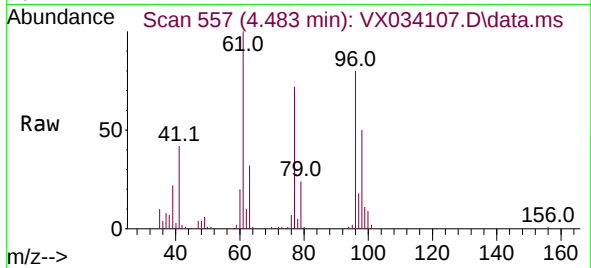
98 63.4 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Mahesh Dadoda 02/13/2023



#28

Bromochloromethane

Concen: 45.797 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX034107.D

Acq: 10 Feb 2023 11:47

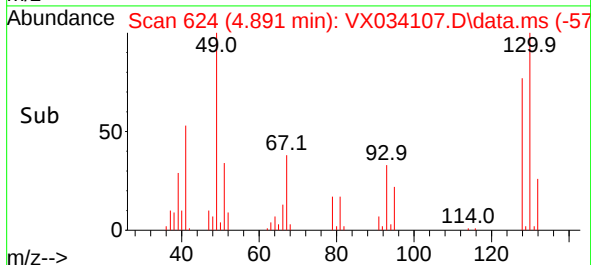
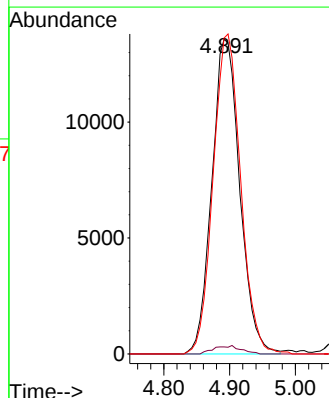
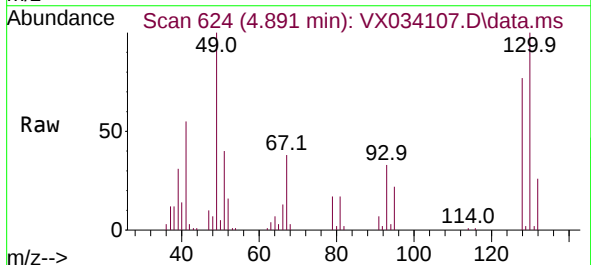
Tgt Ion: 49 Resp: 40101

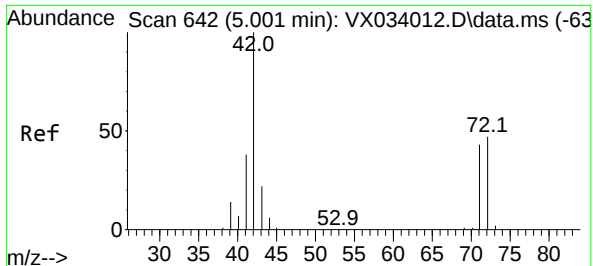
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.6

130 100.1 68.5 102.7





#29

Tetrahydrofuran

Concen: 229.525 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.006 min

Lab File: VX034107.D

Acq: 10 Feb 2023 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

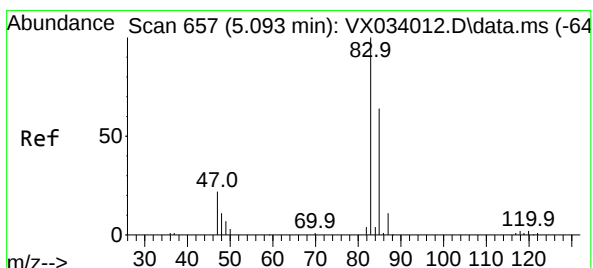
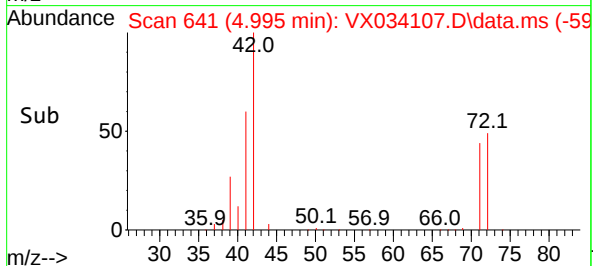
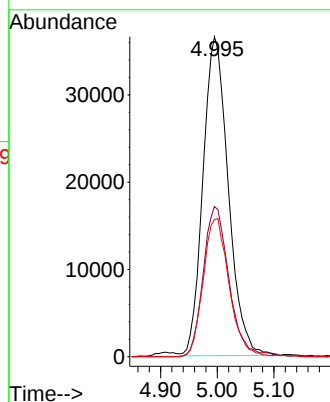
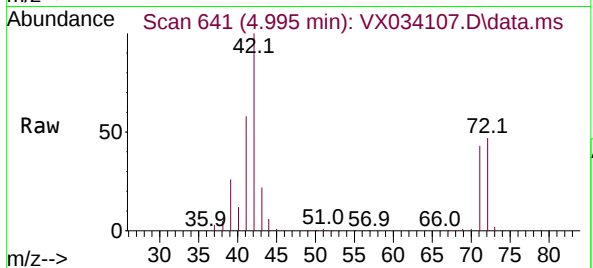
Tgt Ion:	42	Resp:	11351
Ion	Ratio	Lower	Upper
42	100		
72	47.9	34.8	52.2
71	44.3	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Mahesh Dadoda 02/13/2023



#30

Chloroform

Concen: 49.284 ug/l

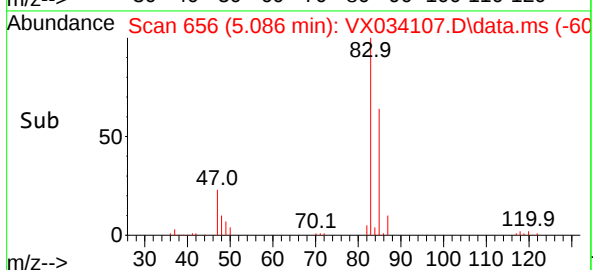
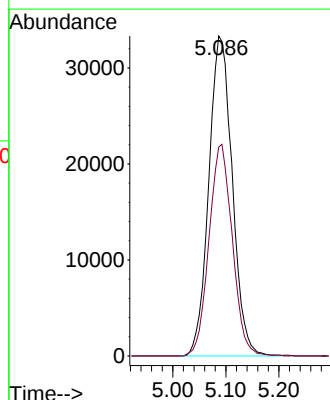
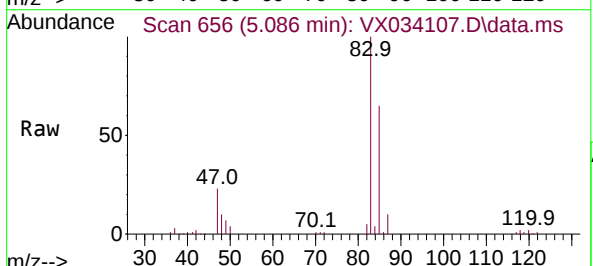
RT: 5.086 min Scan# 656

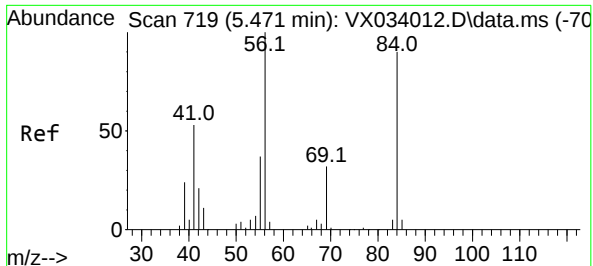
Delta R.T. -0.006 min

Lab File: VX034107.D

Acq: 10 Feb 2023 11:47

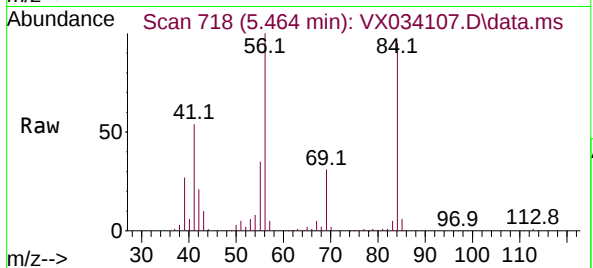
Tgt Ion:	83	Resp:	102295
Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.1	78.1





#31
Cyclohexane
Concen: 45.517 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

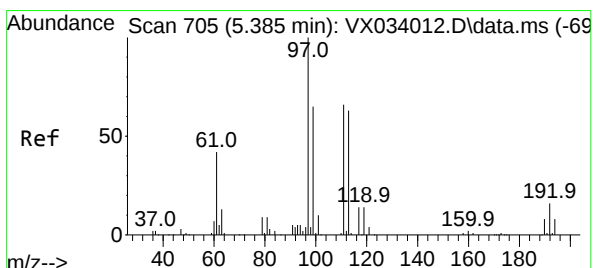
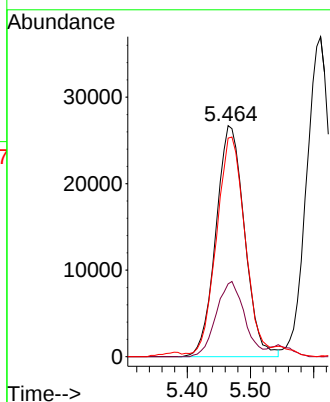
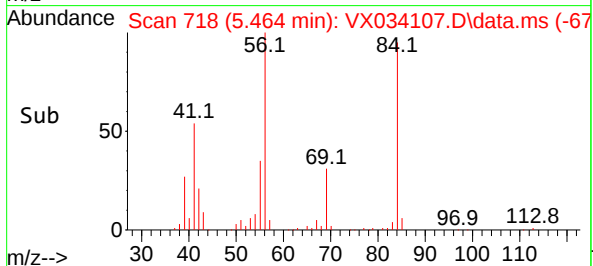
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 83812
Ion Ratio Lower Upper
56 100
69 31.5 24.6 37.0
84 92.7 71.0 106.6

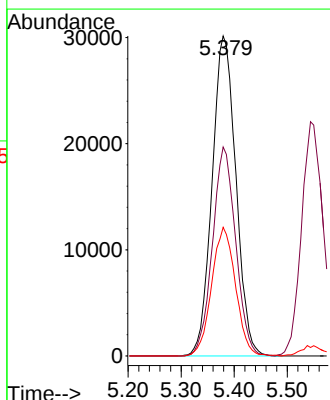
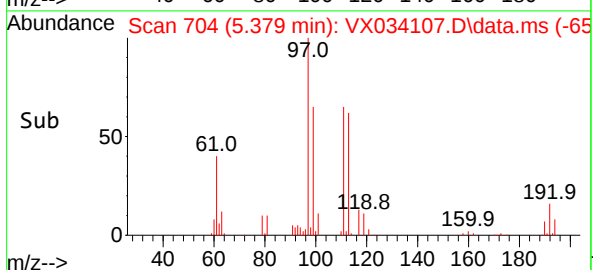
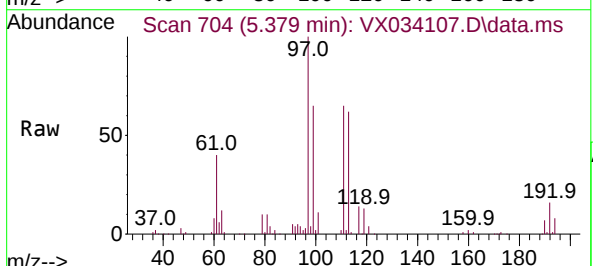
Manual Integrations
APPROVED

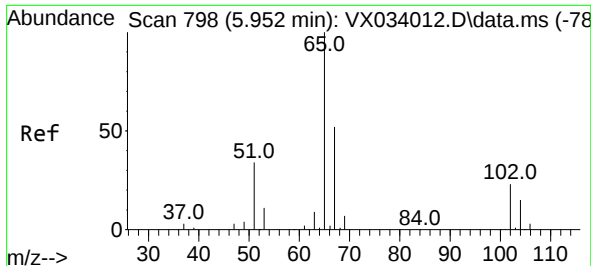
Reviewed By :John Carlone 02/10/2023
Supervised By :Mahesh Dadoda 02/13/2023



#32
1,1,1-Trichloroethane
Concen: 52.541 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

Tgt Ion: 97 Resp: 93919
Ion Ratio Lower Upper
97 100
99 63.8 52.3 78.5
61 40.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.242 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX034107.D

Acq: 10 Feb 2023 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 6226

Ion Ratio Lower Upper

65 100

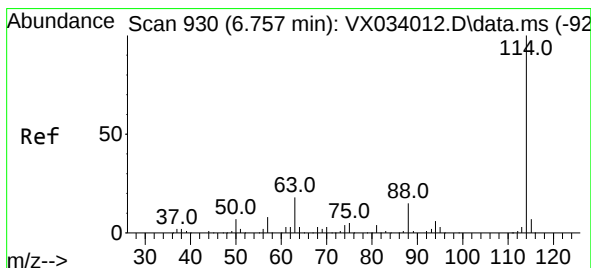
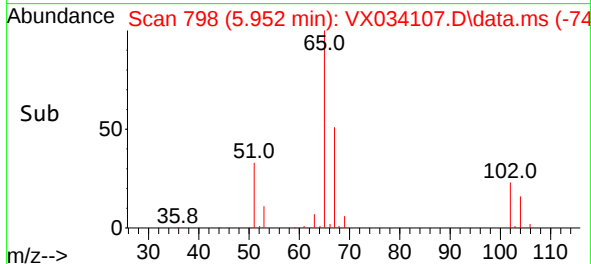
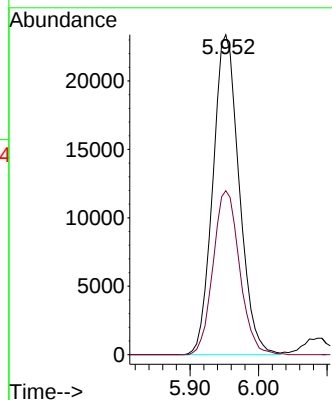
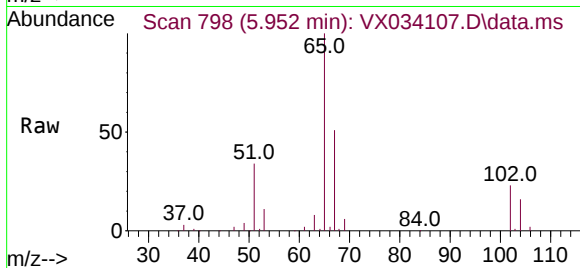
67 51.6 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Mahesh Dadoda 02/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034107.D

Acq: 10 Feb 2023 11:47

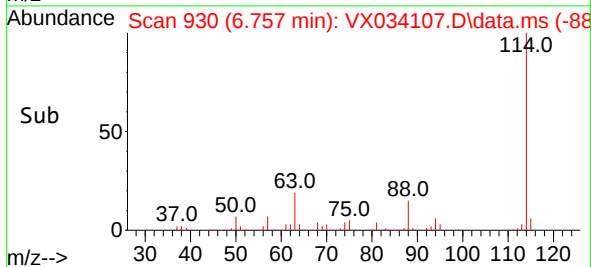
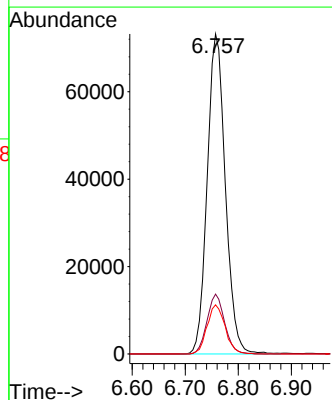
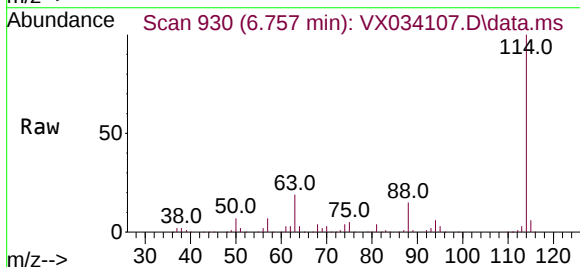
Tgt Ion:114 Resp: 173998

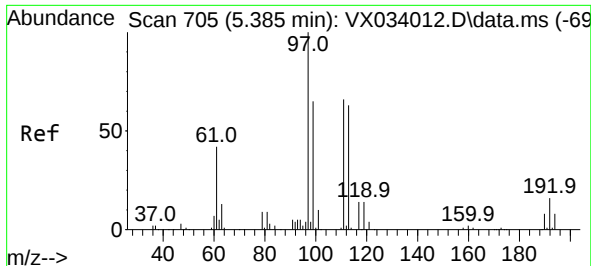
Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.4

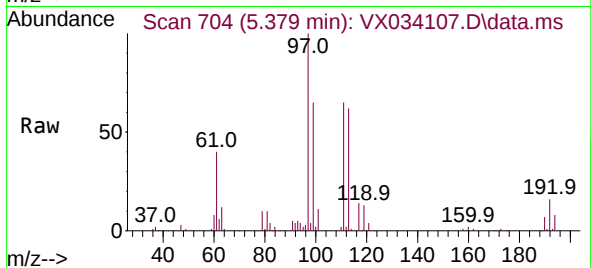
88 15.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 49.968 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

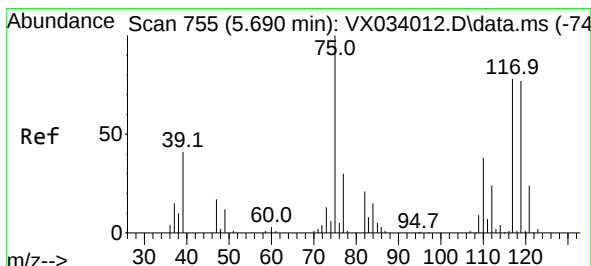
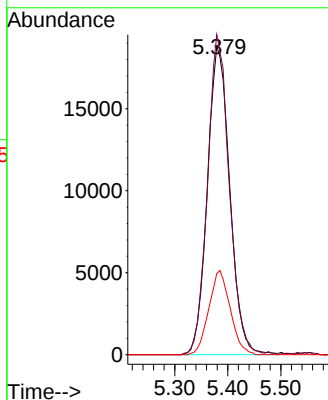
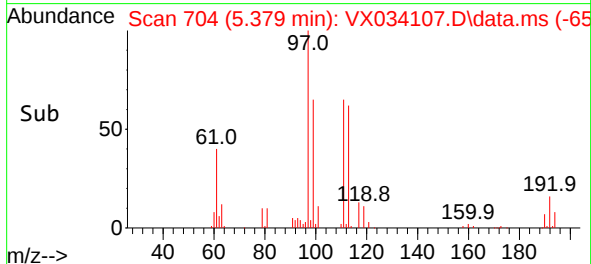
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 5533
Ion Ratio Lower Upper
113 100
111 100.7 83.0 124.6
192 26.0 19.0 28.4

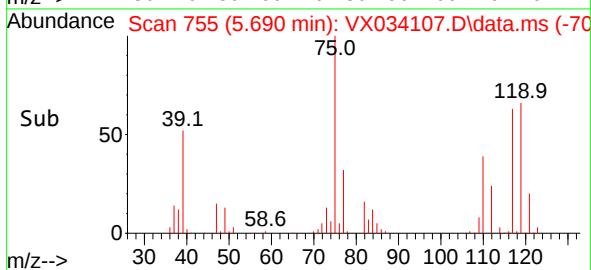
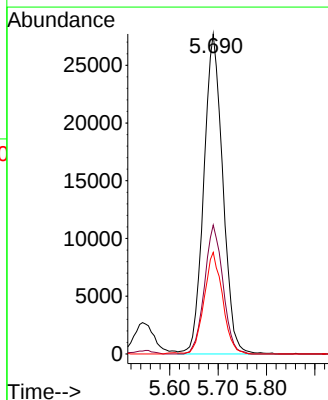
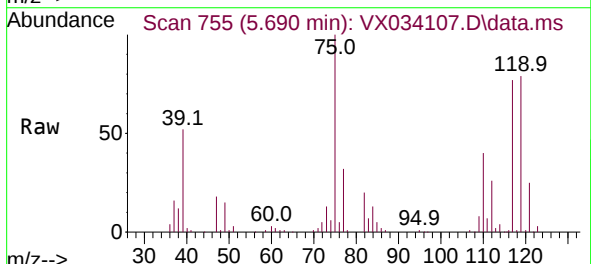
Manual Integrations
APPROVED

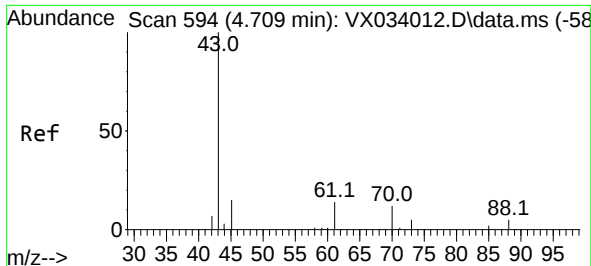
Reviewed By :John Carlone 02/10/2023
Supervised By :Mahesh Dadoda 02/13/2023



#36
1,1-Dichloropropene
Concen: 49.748 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

Tgt Ion: 75 Resp: 75531
Ion Ratio Lower Upper
75 100
110 39.1 18.8 56.4
77 30.8 25.1 37.7





#37

Ethyl Acetate

Concen: 48.569 ug/l

RT: 4.702 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX034107.D

Acq: 10 Feb 2023 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 68694

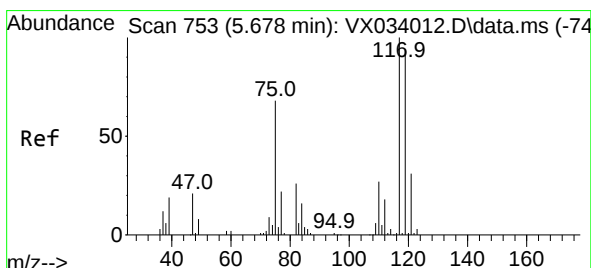
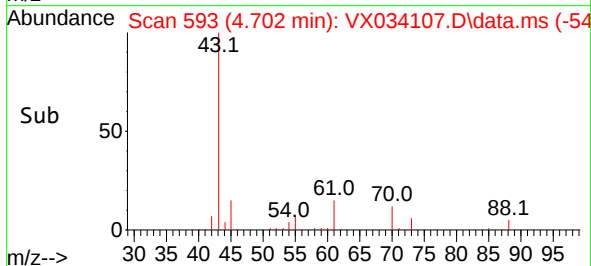
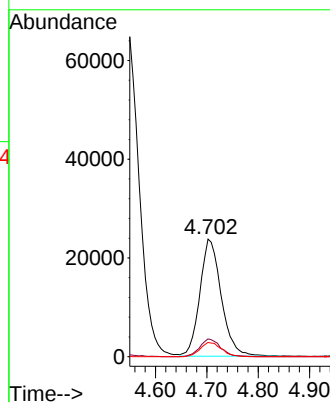
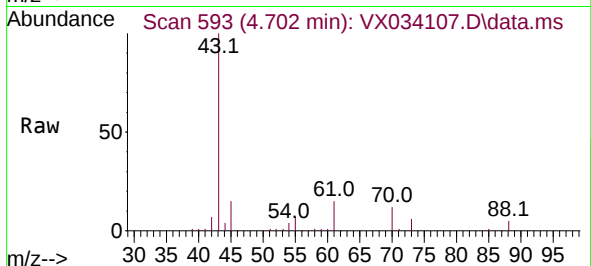
Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.1	16.7
70	12.1	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Mahesh Dadoda 02/13/2023



#38

Carbon Tetrachloride

Concen: 53.630 ug/l

RT: 5.678 min Scan# 753

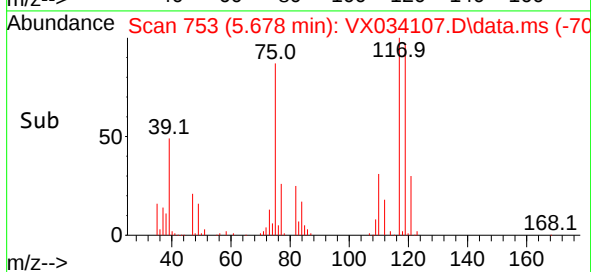
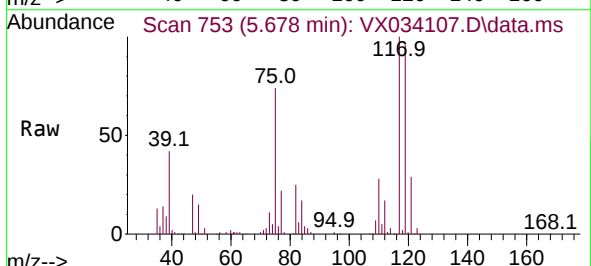
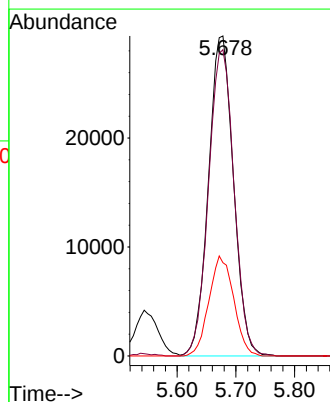
Delta R.T. -0.000 min

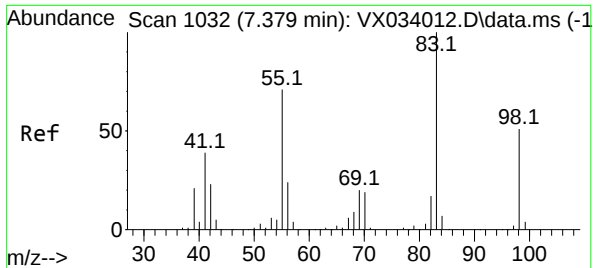
Lab File: VX034107.D

Acq: 10 Feb 2023 11:47

Tgt Ion:117 Resp: 86843

Ion	Ratio	Lower	Upper
117	100		
119	95.7	78.0	117.0
121	29.2	24.4	36.6





#39

Methylcyclohexane

Concen: 48.479 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX034107.D

Acq: 10 Feb 2023 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

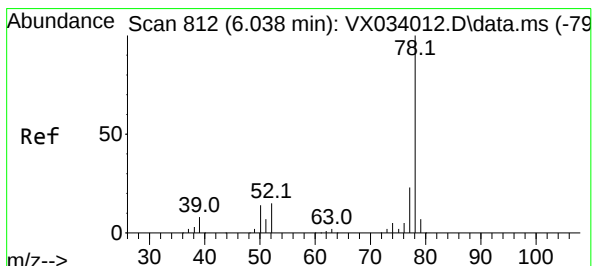
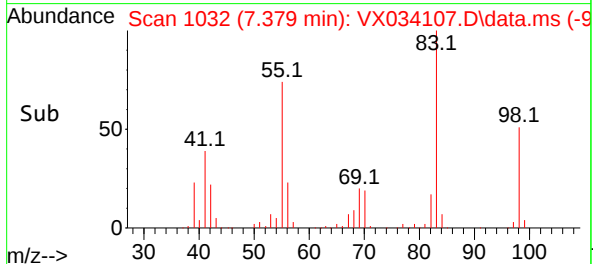
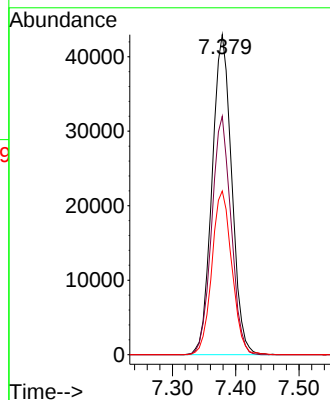
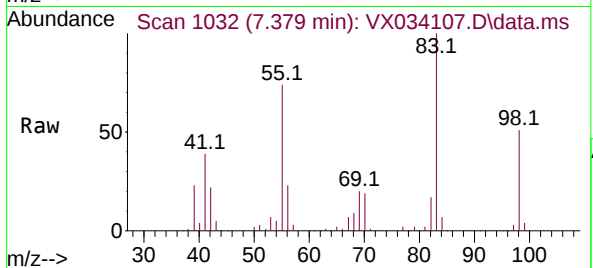
Tgt Ion: 83	Resp: 9265
Ion Ratio	Lower Upper
83	100
55	74.5 61.8 92.6
98	51.2 39.3 58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Mahesh Dadoda 02/13/2023



#40

Benzene

Concen: 48.793 ug/l

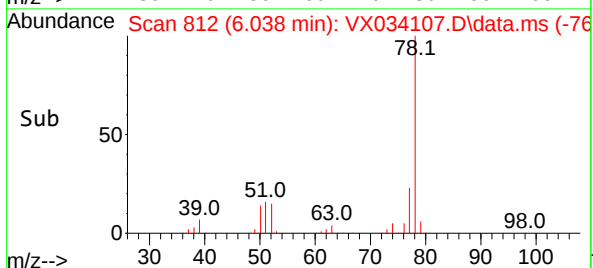
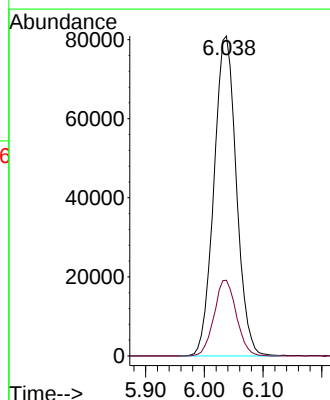
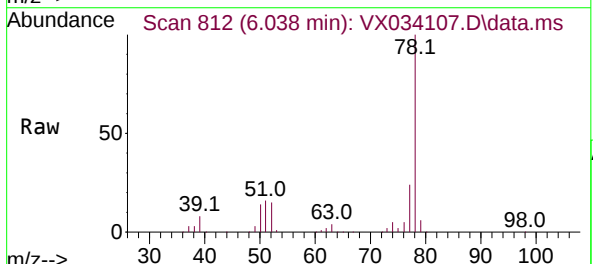
RT: 6.038 min Scan# 812

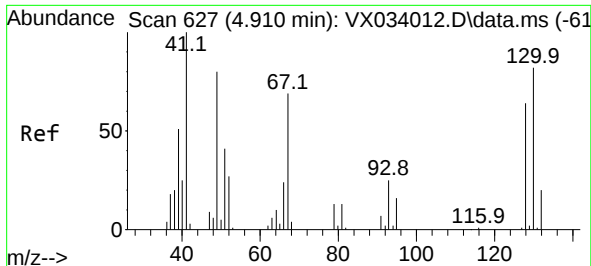
Delta R.T. -0.000 min

Lab File: VX034107.D

Acq: 10 Feb 2023 11:47

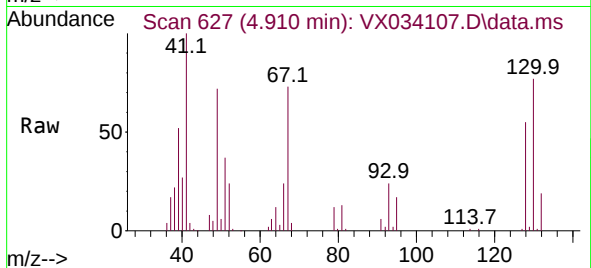
Tgt Ion: 78	Resp: 214349
Ion Ratio	Lower Upper
78	100
77	23.6 19.0 28.4





#41
Methacrylonitrile
Concen: 50.769 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

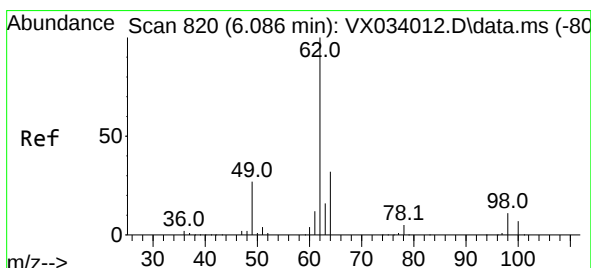
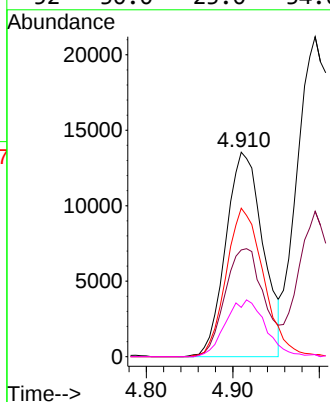
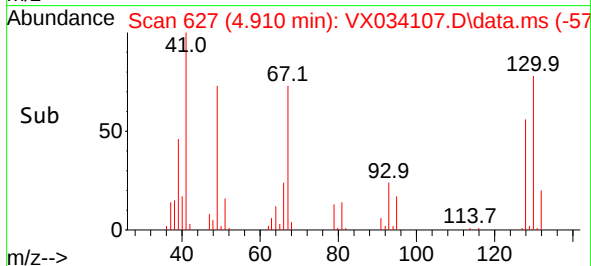
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



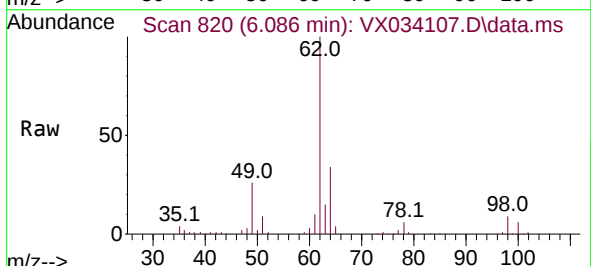
Tgt Ion: 41 Resp: 40410
Ion Ratio Lower Upper
41 100
39 54.9 43.8 65.6
67 73.5 54.8 82.2
52 30.0 23.0 34.6

Manual Integrations
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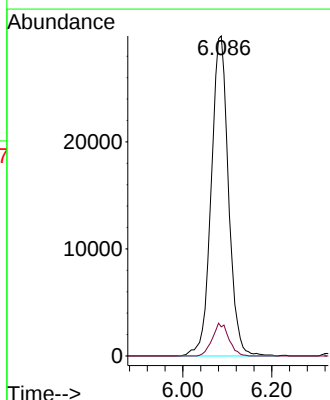
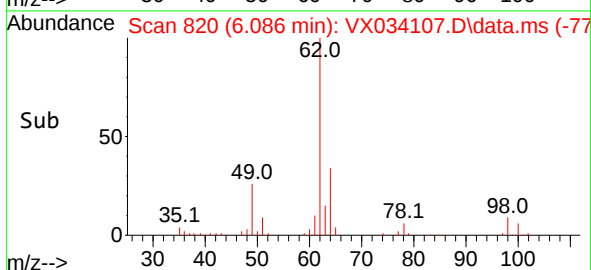
Reviewed By :John Carlone 02/10/2023
Supervised By :Mahesh Dadoda 02/13/2023

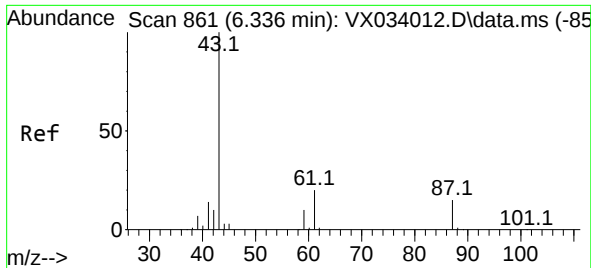


#42
1,2-Dichloroethane
Concen: 53.986 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47



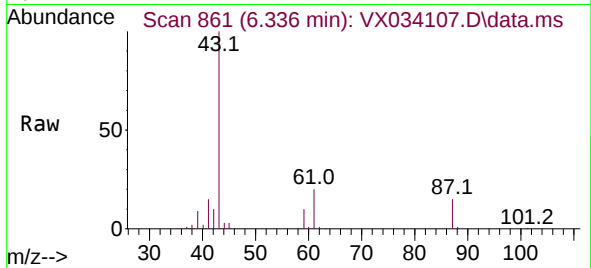
Tgt Ion: 62 Resp: 80589
Ion Ratio Lower Upper
62 100
98 9.8 0.0 20.2





#43
Isopropyl Acetate
Concen: 51.372 ug/l
RT: 6.336 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

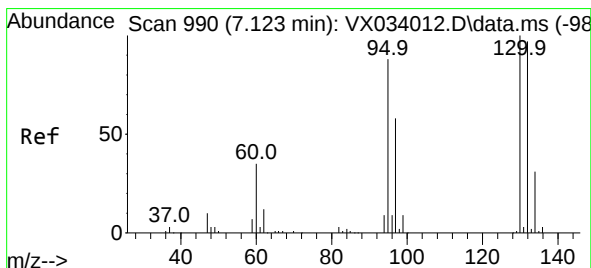
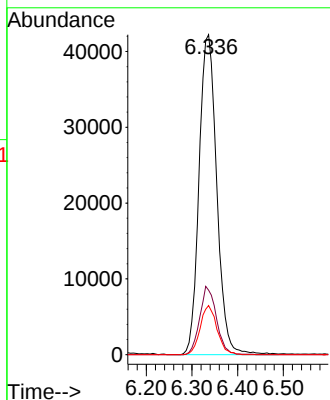
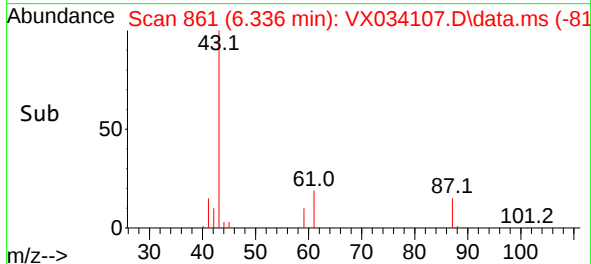
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 113315
Ion Ratio Lower Upper
43 100
61 20.0 15.7 23.5
87 14.6 10.6 15.8

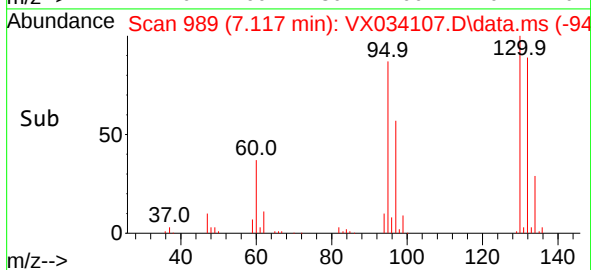
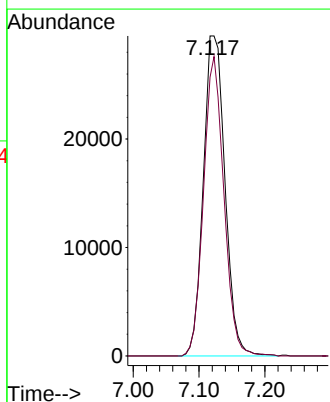
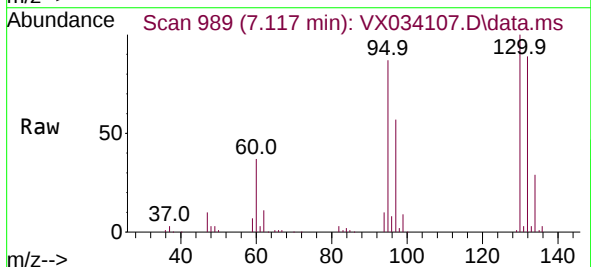
Manual Integrations
APPROVED

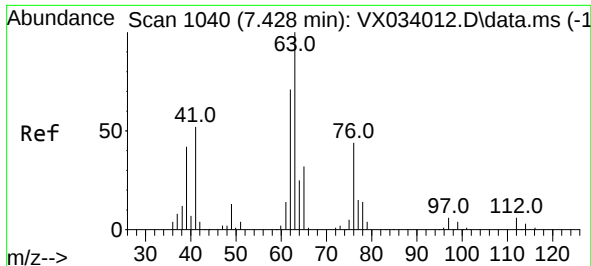
Reviewed By :John Carlone 02/10/2023
Supervised By :Mahesh Dadoda 02/13/2023



#44
Trichloroethene
Concen: 50.137 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

Tgt Ion:130 Resp: 67692
Ion Ratio Lower Upper
130 100
95 87.1 0.0 182.6





#45

1,2-Dichloropropane

Concen: 49.303 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034107.D

Acq: 10 Feb 2023 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 5347

Ion Ratio Lower Upper

63 100

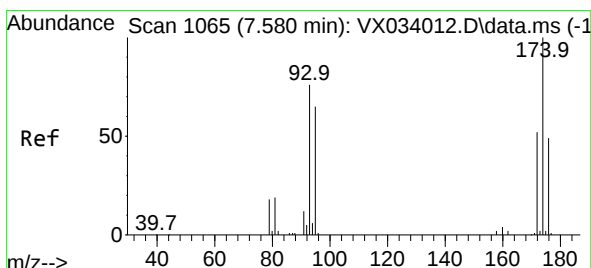
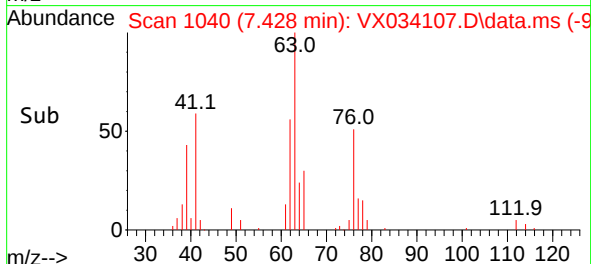
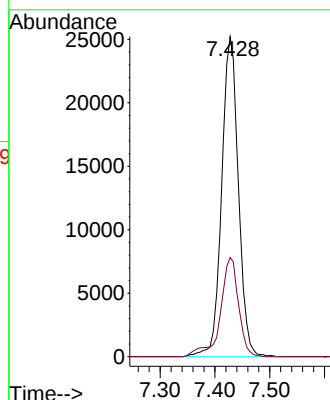
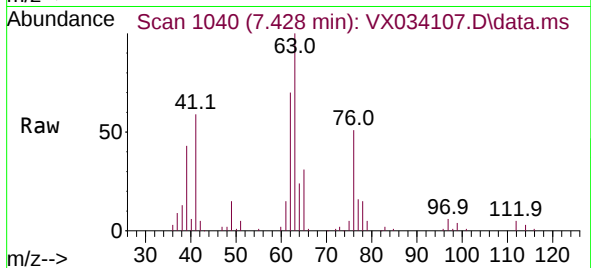
65 31.0 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Mahesh Dadoda 02/13/2023



#46

Dibromomethane

Concen: 51.543 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX034107.D

Acq: 10 Feb 2023 11:47

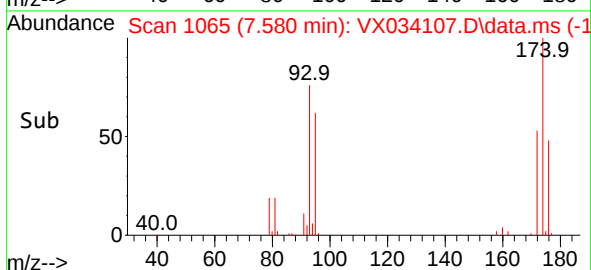
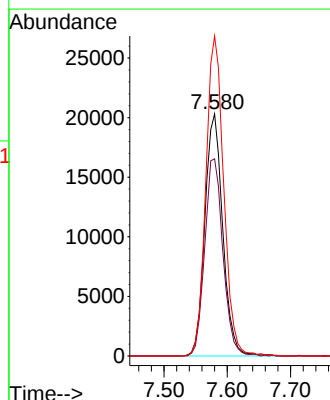
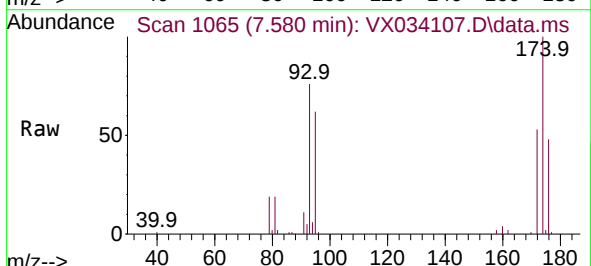
Tgt Ion: 93 Resp: 40052

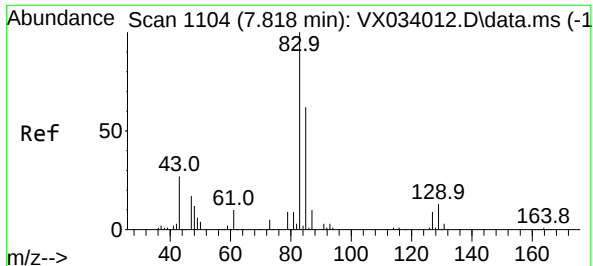
Ion Ratio Lower Upper

93 100

95 83.0 67.6 101.4

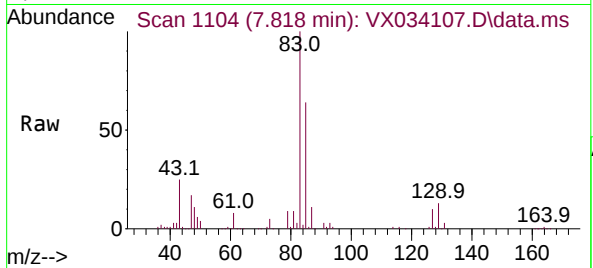
174 131.7 97.4 146.0





#47
Bromodichloromethane
Concen: 52.974 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

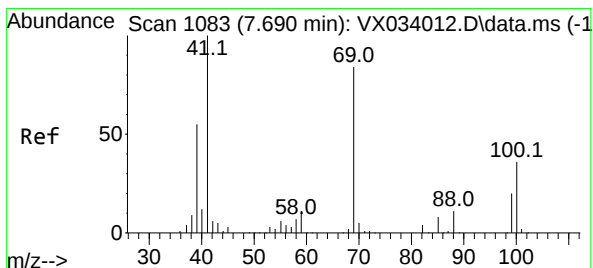
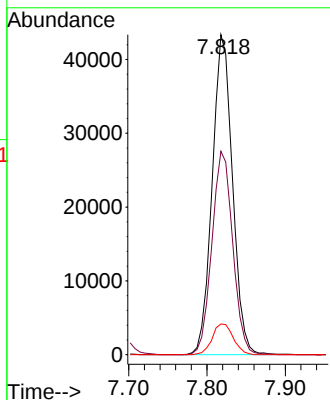
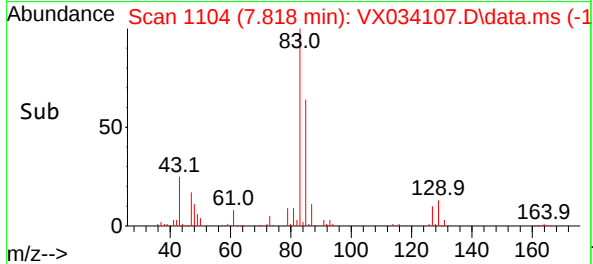
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



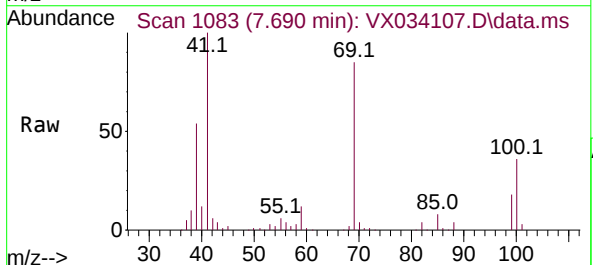
Tgt Ion: 83 Resp: 7800
Ion Ratio Lower Upper
83 100
85 63.6 49.8 74.6
127 9.6 7.0 10.4

Manual Integrations
APPROVED

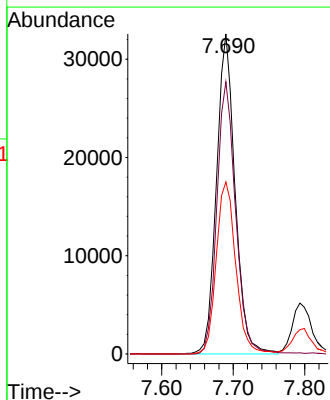
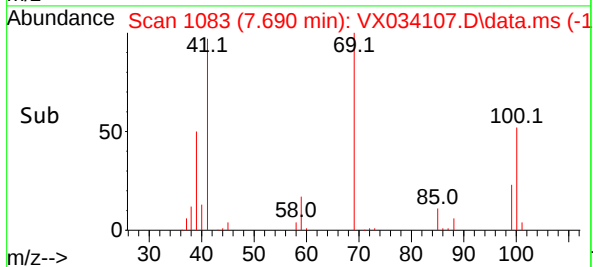
Reviewed By :John Carlone 02/10/2023
Supervised By :Mahesh Dadoda 02/13/2023

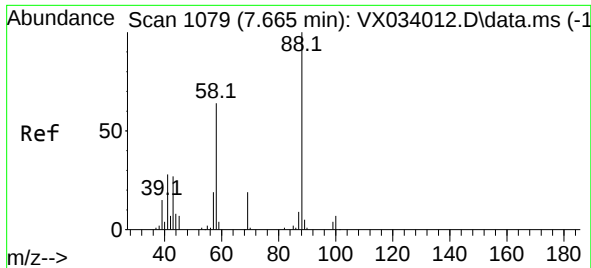


#48
Methyl methacrylate
Concen: 51.626 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47



Tgt Ion: 41 Resp: 58795
Ion Ratio Lower Upper
41 100
69 86.0 63.1 94.7
39 56.4 43.2 64.8





#49
1,4-Dioxane
Concen: 1144.665 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.006 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

Instrument :

MSVOA_X

ClientSampleId :

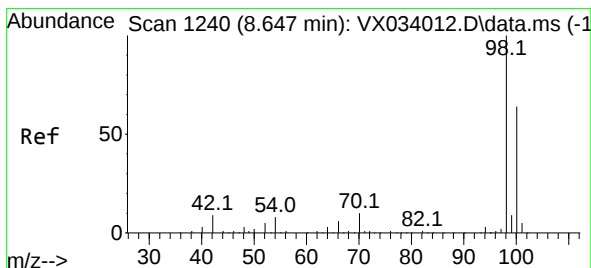
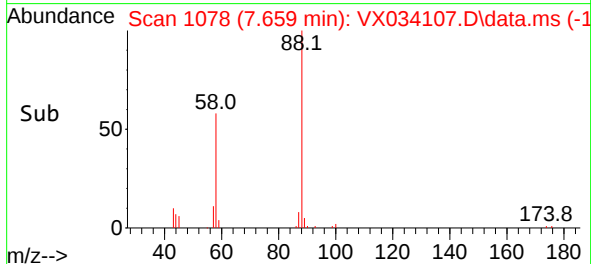
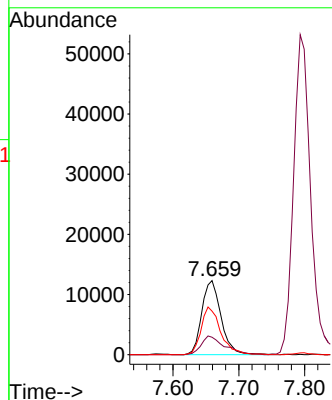
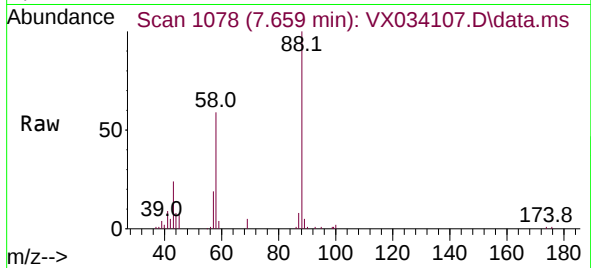
VSTDCCC050

Tgt Ion: 88 Resp: 2509
Ion Ratio Lower Upper
88 100
43 30.3 0.0 0.0
58 65.1 56.5 84.7

Manual Integrations

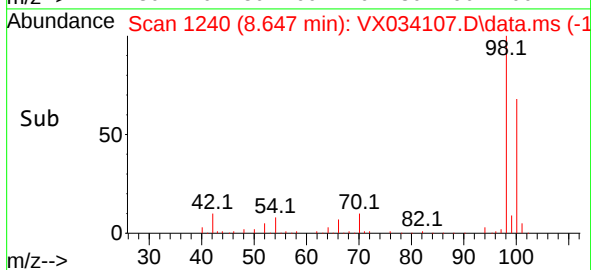
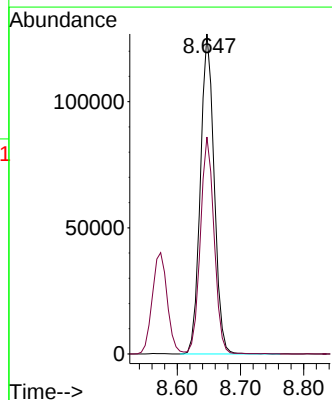
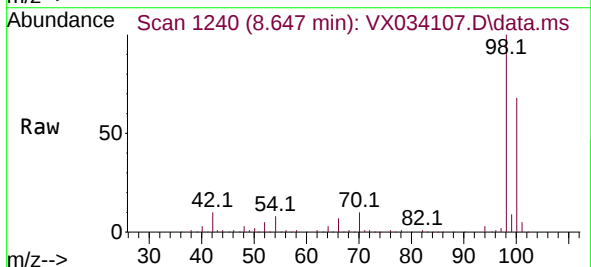
APPROVED

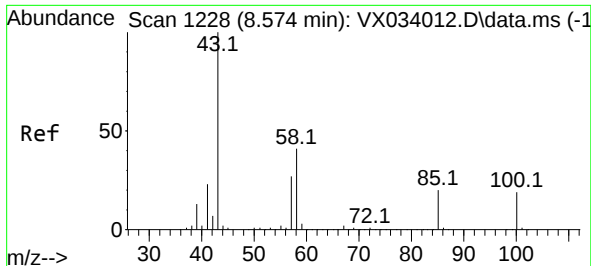
Reviewed By :John Carlone 02/10/2023
Supervised By :Mahesh Dadoda 02/13/2023



#50
Toluene-d8
Concen: 48.153 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

Tgt Ion: 98 Resp: 192121
Ion Ratio Lower Upper
98 100
100 67.6 53.6 80.4





#51

4-Methyl-2-Pentanone

Concen: 253.517 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX034107.D

Acq: 10 Feb 2023 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 350760

Ion Ratio Lower Upper

43 100

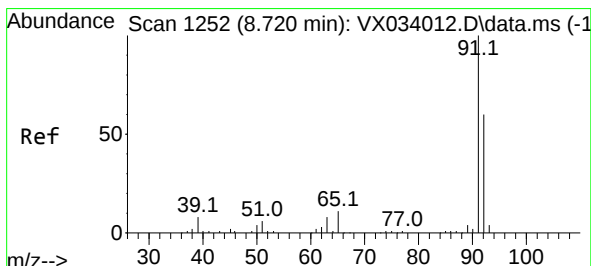
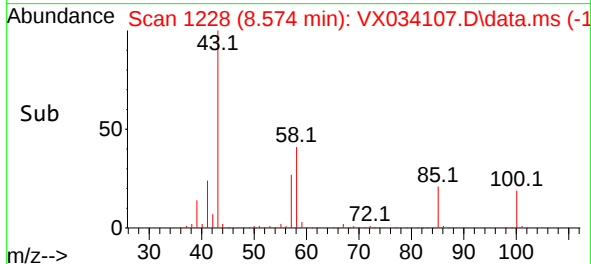
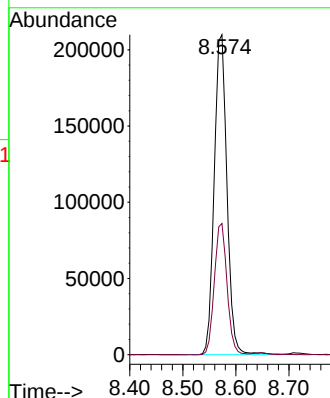
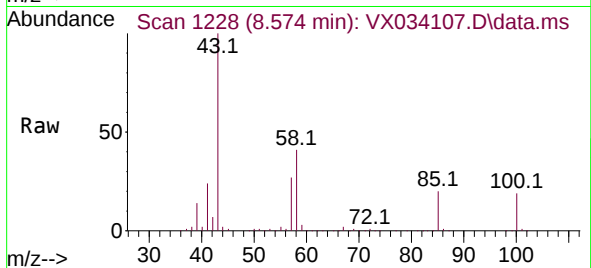
58 40.8 31.2 46.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Mahesh Dadoda 02/13/2023



#52

Toluene

Concen: 49.596 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX034107.D

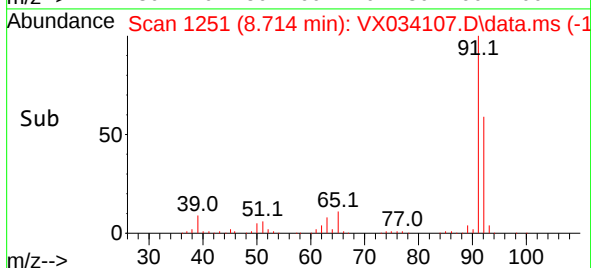
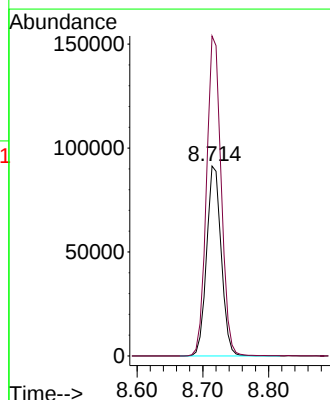
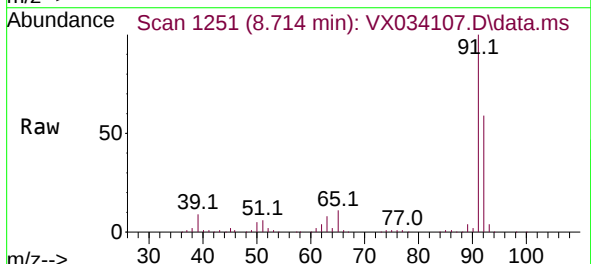
Acq: 10 Feb 2023 11:47

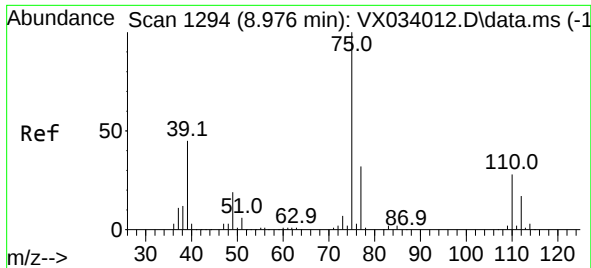
Tgt Ion: 92 Resp: 141199

Ion Ratio Lower Upper

92 100

91 169.0 135.5 203.3





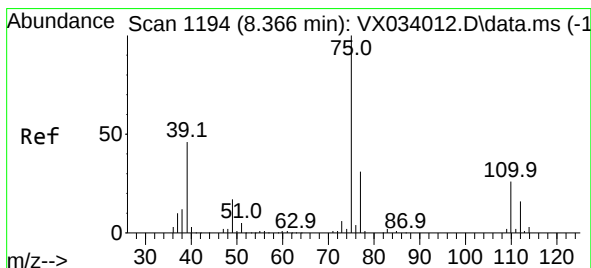
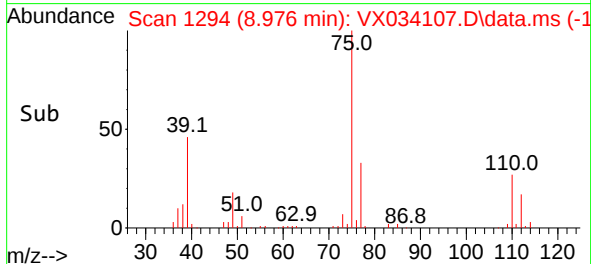
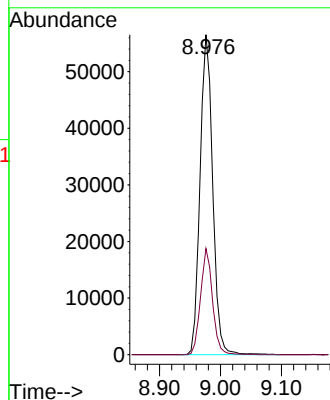
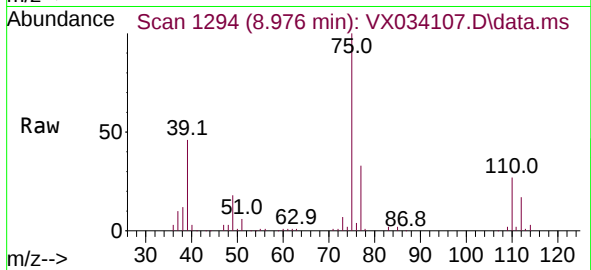
#53
 t-1,3-Dichloropropene
 Concen: 55.086 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX034107.D
 Acq: 10 Feb 2023 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 81538
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.5 38.3

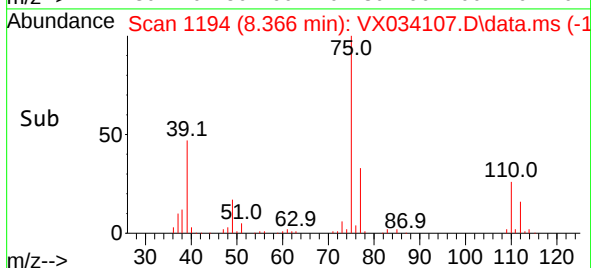
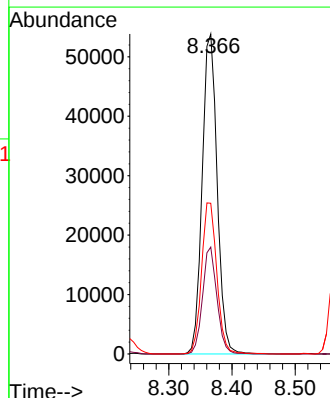
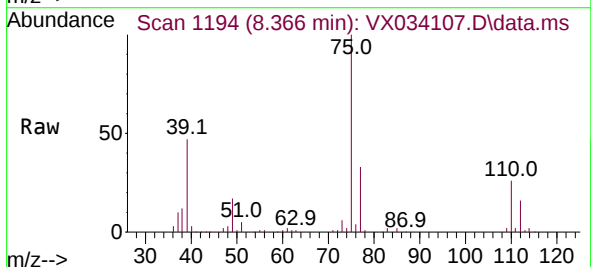
Manual Integrations
 APPROVED

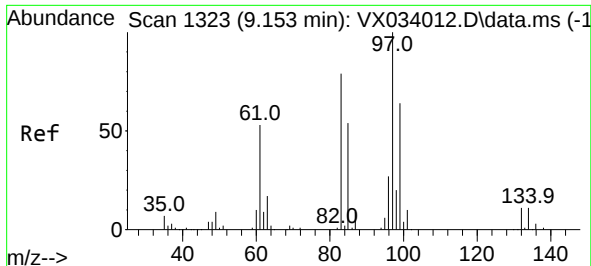
Reviewed By :John Carlone 02/10/2023
 Supervised By :Mahesh Dadoda 02/13/2023



#54
 cis-1,3-Dichloropropene
 Concen: 52.830 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX034107.D
 Acq: 10 Feb 2023 11:47

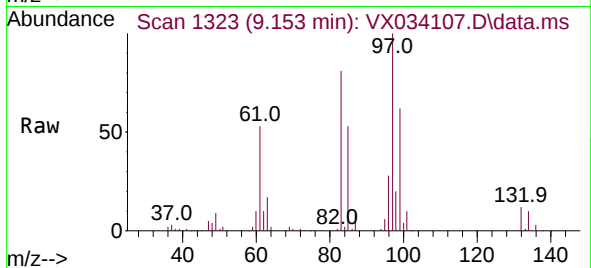
Tgt Ion: 75 Resp: 88969
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.0 37.6
 39 47.1 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 50.866 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

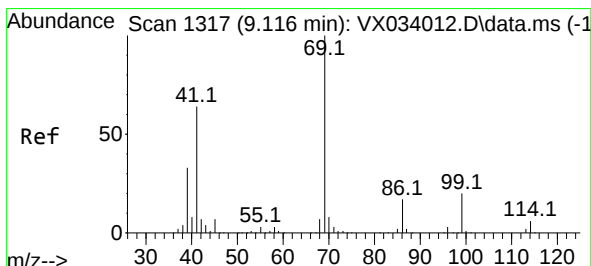
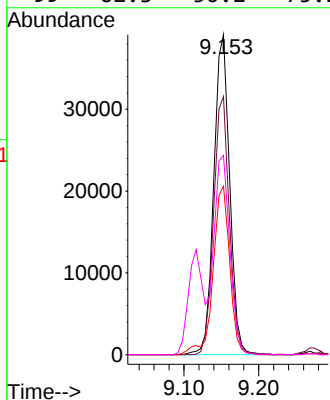
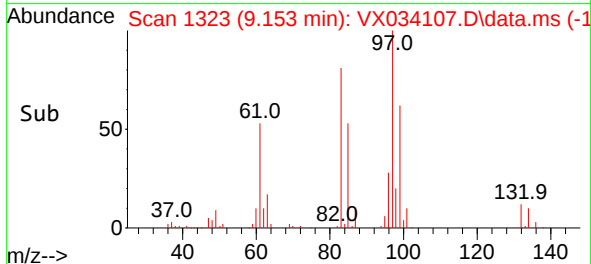
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.7	67.4	101.0
85	52.7	43.2	64.8
99	62.3	50.2	75.2

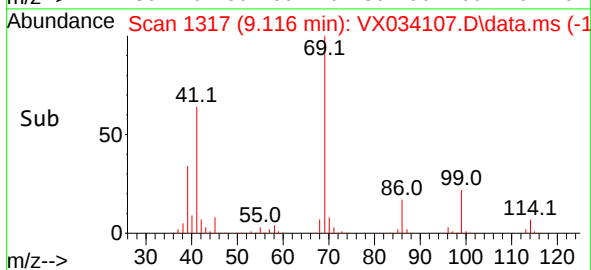
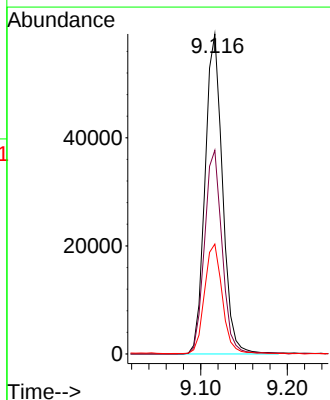
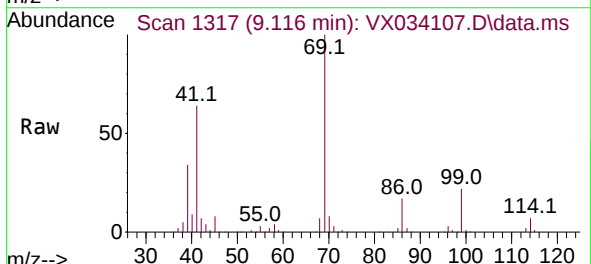
Manual Integrations
APPROVED

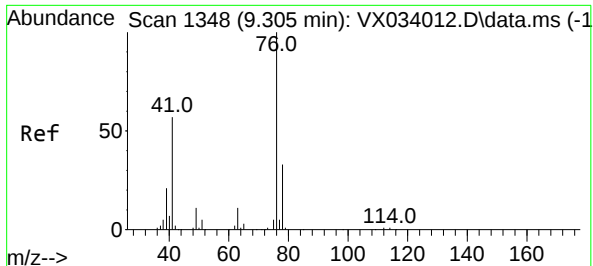
Reviewed By :John Carlone 02/10/2023
Supervised By :Mahesh Dadoda 02/13/2023



#56
Ethyl methacrylate
Concen: 52.237 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.3	55.1	82.7
39	35.4	28.5	42.7





#57

1,3-Dichloropropane

Concen: 49.927 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX034107.D

Acq: 10 Feb 2023 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 92740

Ion Ratio Lower Upper

76 100

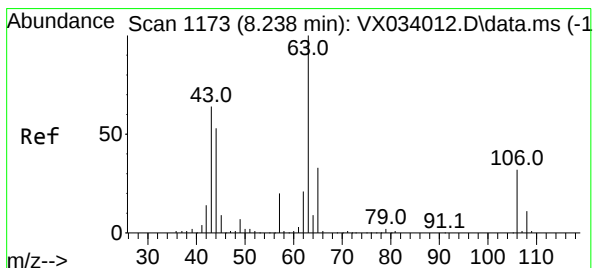
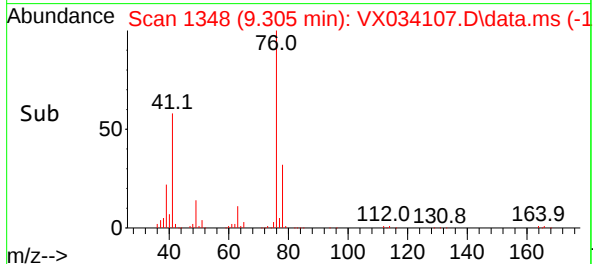
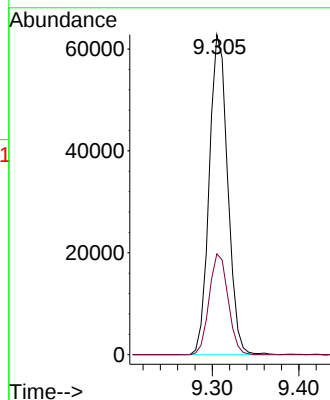
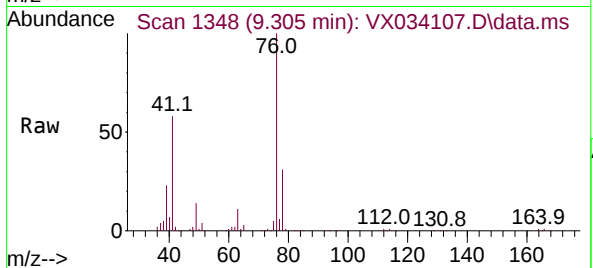
78 32.3 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Mahesh Dadoda 02/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 242.329 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX034107.D

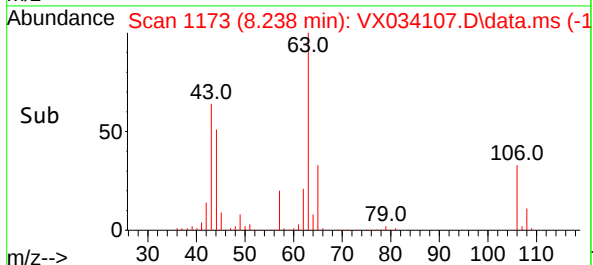
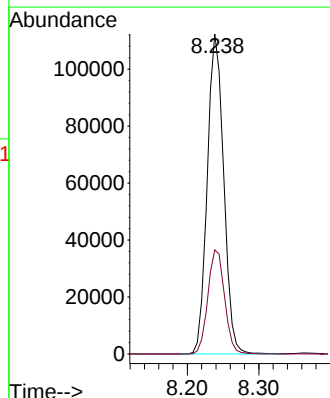
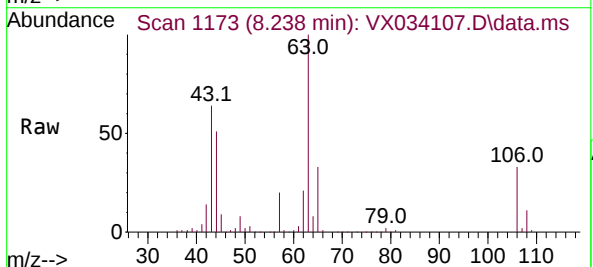
Acq: 10 Feb 2023 11:47

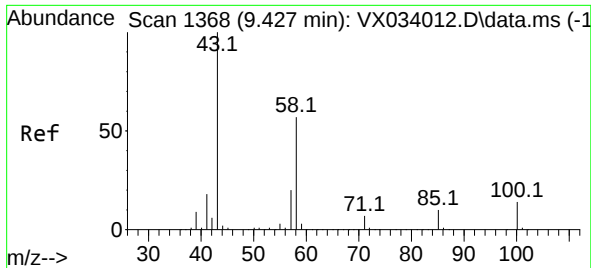
Tgt Ion: 63 Resp: 179073

Ion Ratio Lower Upper

63 100

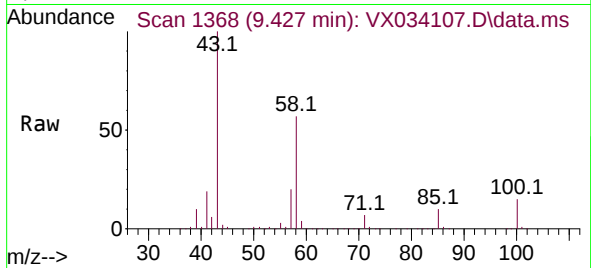
106 33.0 24.5 36.7





#59
2-Hexanone
Concen: 258.828 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

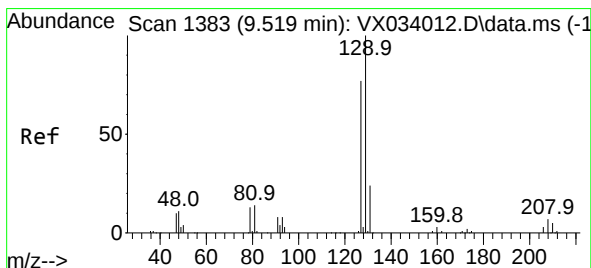
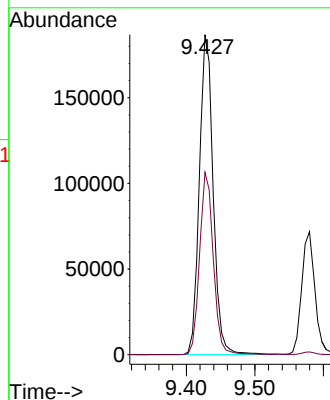
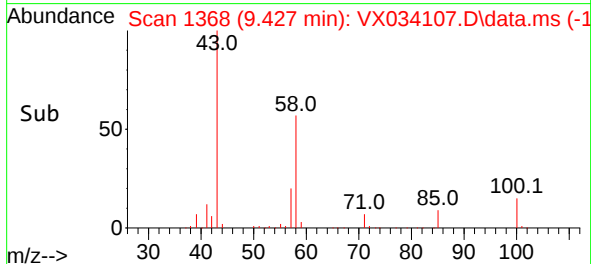
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



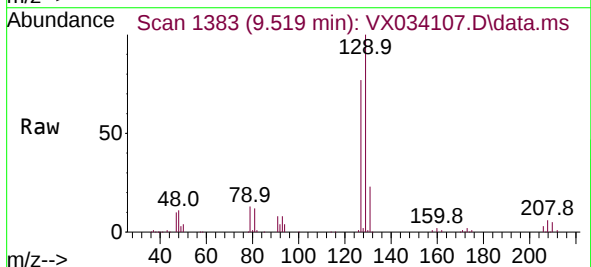
Tgt Ion: 43 Resp: 26206
Ion Ratio Lower Upper
43 100
58 56.7 27.4 82.0

Manual Integrations
APPROVED

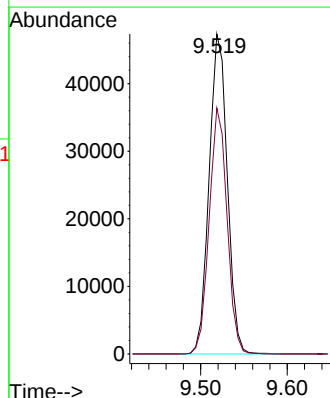
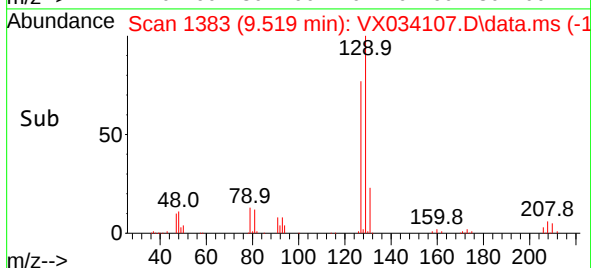
Reviewed By :John Carlone 02/10/2023
Supervised By :Mahesh Dadoda 02/13/2023

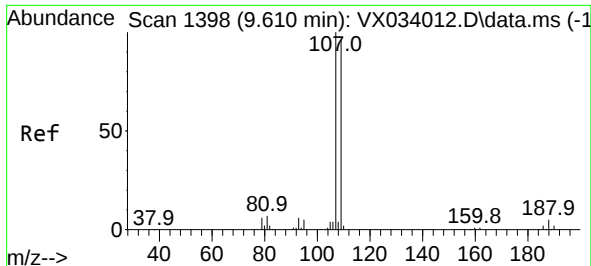


#60
Dibromochloromethane
Concen: 54.810 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47



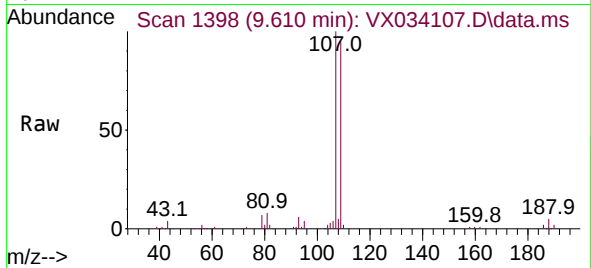
Tgt Ion:129 Resp: 69078
Ion Ratio Lower Upper
129 100
127 75.4 38.8 116.3





#61
1,2-Dibromoethane
Concen: 51.336 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

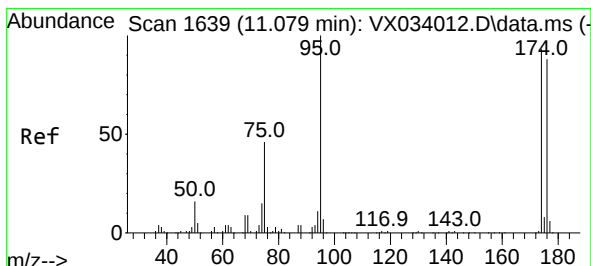
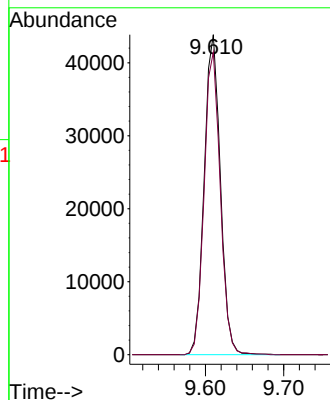
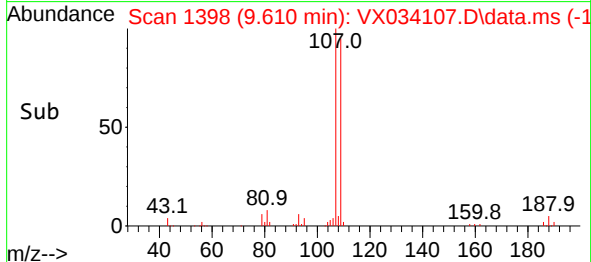
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 62773
Ion Ratio Lower Upper
107 100
109 94.5 74.2 111.2

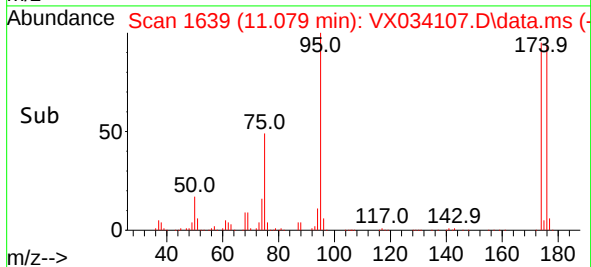
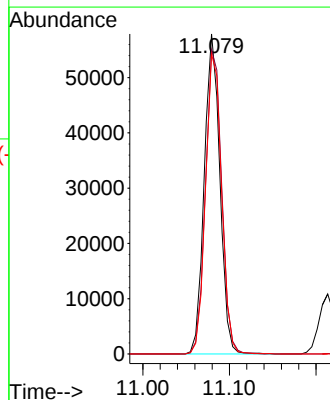
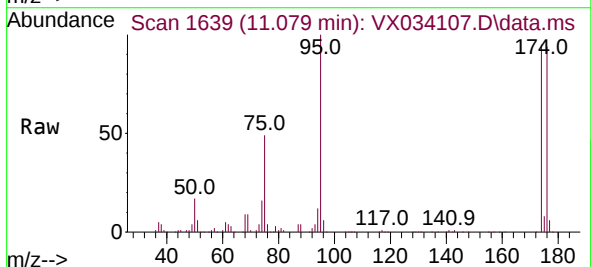
Manual Integrations
APPROVED

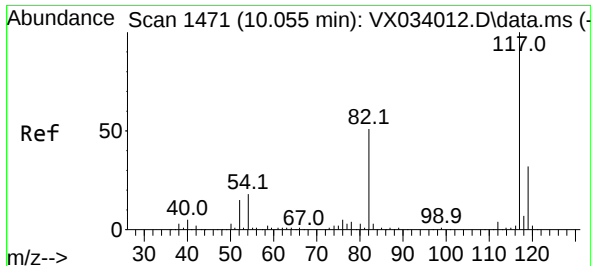
Reviewed By :John Carlone 02/10/2023
Supervised By :Mahesh Dadoda 02/13/2023



#62
4-Bromofluorobenzene
Concen: 50.654 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

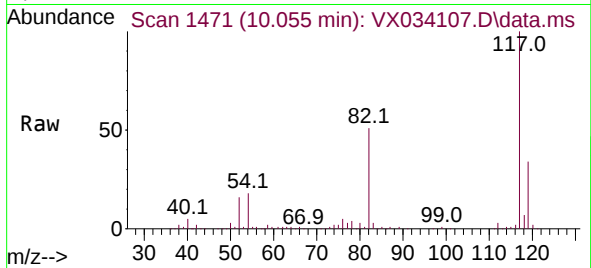
Tgt Ion: 95 Resp: 72181
Ion Ratio Lower Upper
95 100
174 99.0 0.0 184.4
176 96.5 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

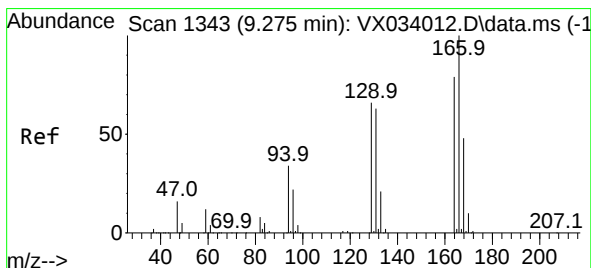
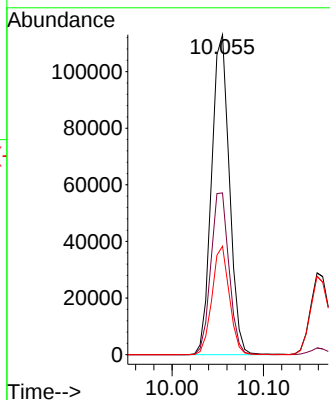
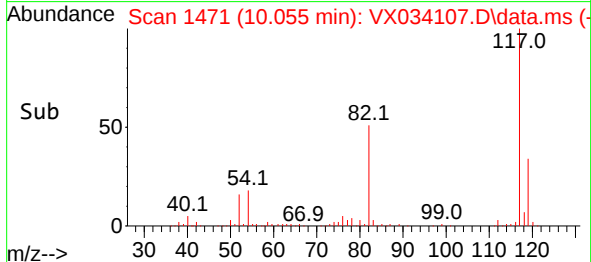
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 153249
Ion Ratio Lower Upper
117 100
82 50.6 40.6 60.8
119 33.9 25.6 38.4

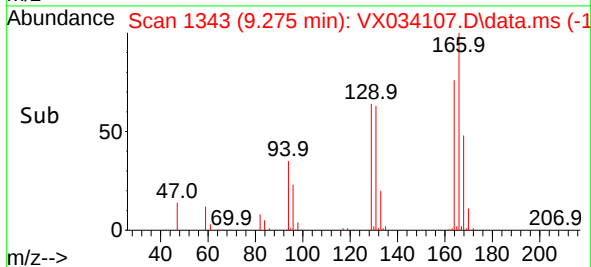
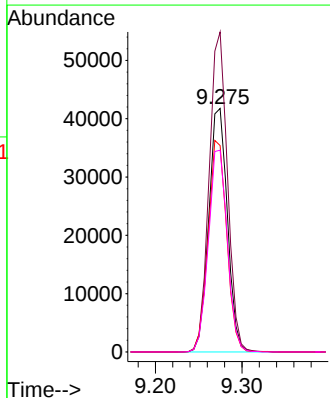
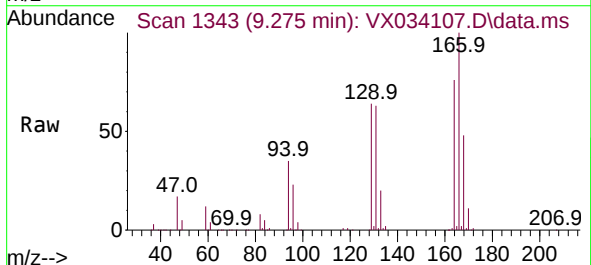
Manual Integrations
APPROVED

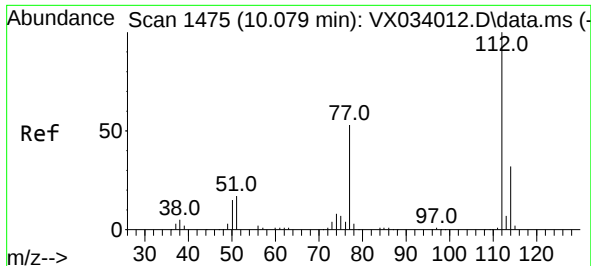
Reviewed By :John Carlone 02/10/2023
Supervised By :Mahesh Dadoda 02/13/2023



#64
Tetrachloroethene
Concen: 48.925 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

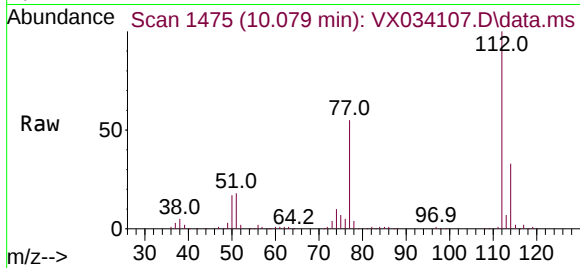
Tgt Ion:164 Resp: 62606
Ion Ratio Lower Upper
164 100
166 131.4 100.2 150.2
129 84.8 69.2 103.8
131 82.9 67.2 100.8





#65
Chlorobenzene
Concen: 49.558 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

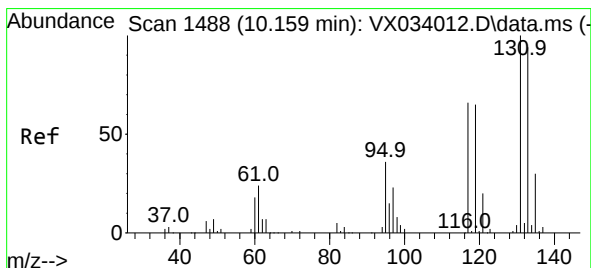
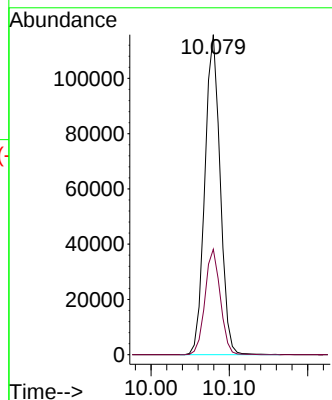
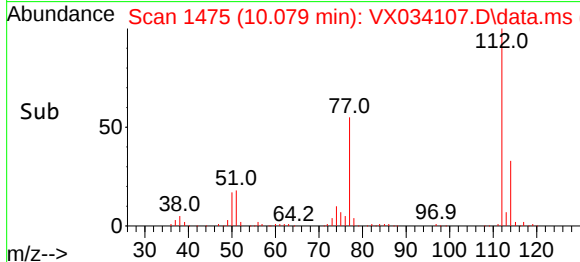
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



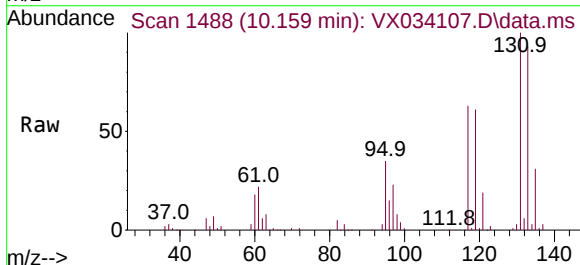
Tgt Ion:112 Resp: 156852
Ion Ratio Lower Upper
112 100
114 33.0 26.2 39.4

Manual Integrations
APPROVED

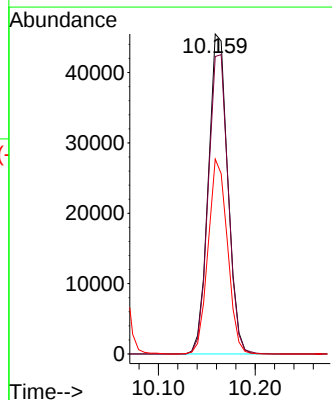
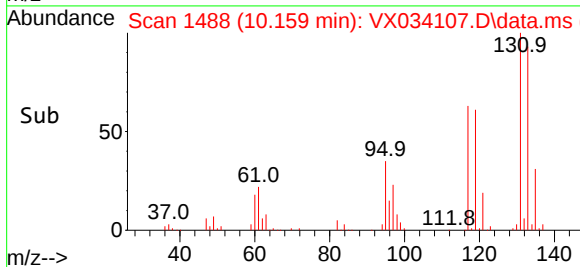
Reviewed By :John Carlone 02/10/2023
Supervised By :Mahesh Dadoda 02/13/2023

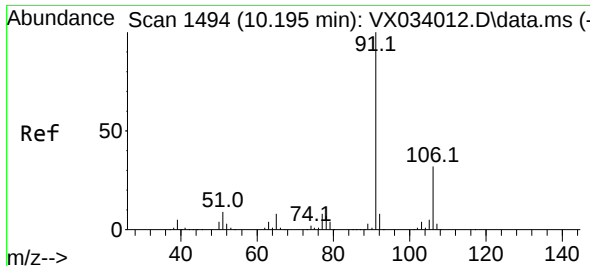


#66
1,1,1,2-Tetrachloroethane
Concen: 53.215 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47



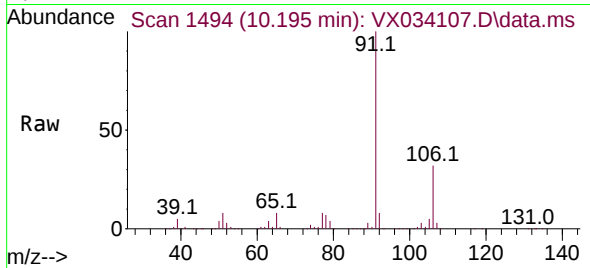
Tgt Ion:131 Resp: 63646
Ion Ratio Lower Upper
131 100
133 95.6 48.4 145.0
119 60.4 31.9 95.7





#67
Ethyl Benzene
Concen: 50.944 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

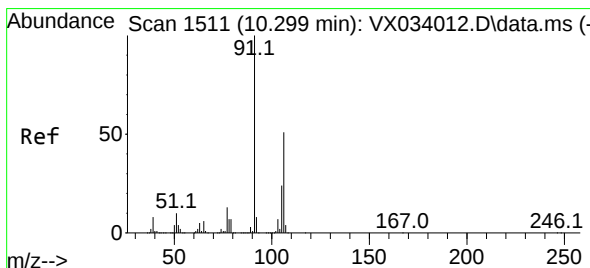
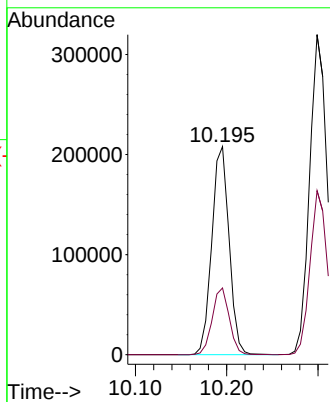
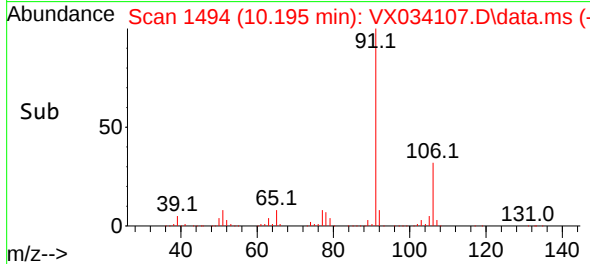
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



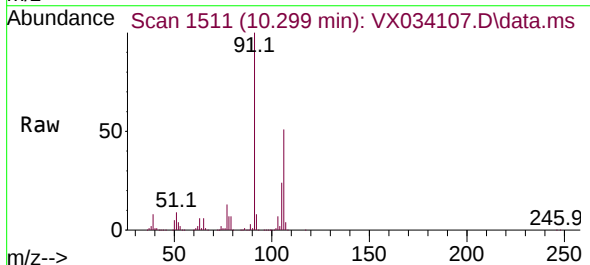
Tgt Ion: 91 Resp: 272908
Ion Ratio Lower Upper
91 100
106 32.1 25.8 38.8

Manual Integrations
APPROVED

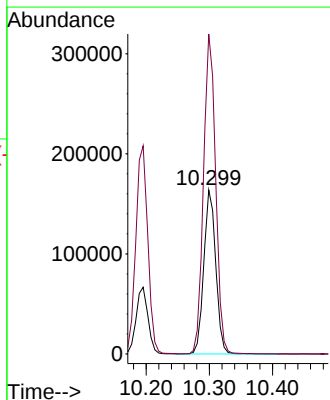
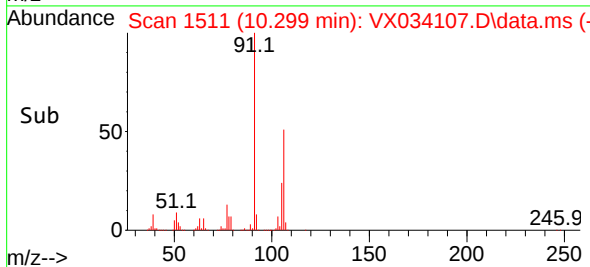
Reviewed By :John Carlone 02/10/2023
Supervised By :Mahesh Dadoda 02/13/2023

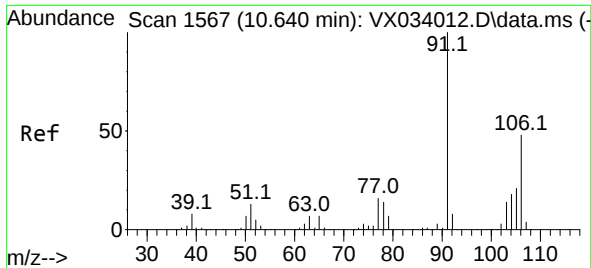


#68
m/p-Xylenes
Concen: 100.794 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47



Tgt Ion:106 Resp: 215834
Ion Ratio Lower Upper
106 100
91 198.2 156.4 234.6





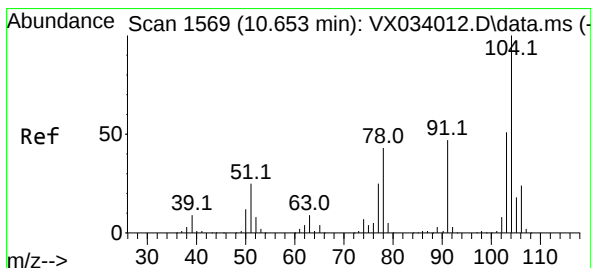
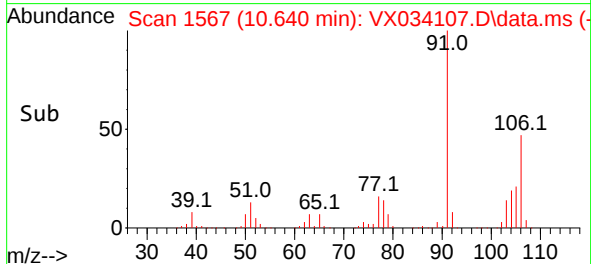
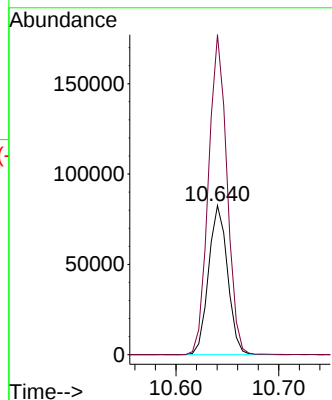
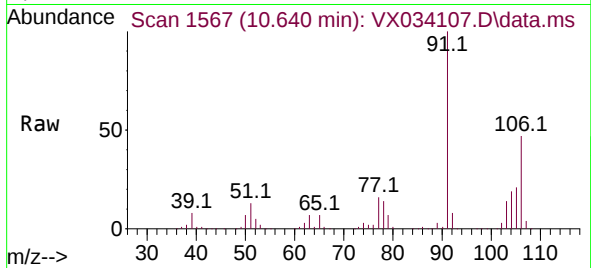
#69
o-Xylene
Concen: 51.716 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 10635
Ion Ratio Lower Upper
106 100
91 209.4 103.1 309.3

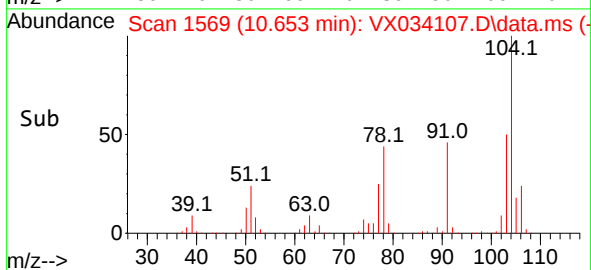
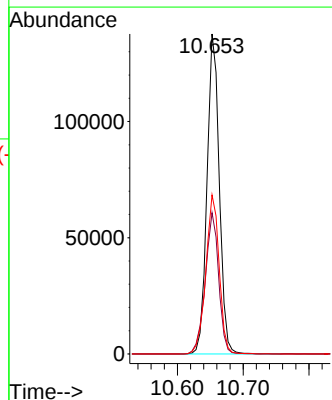
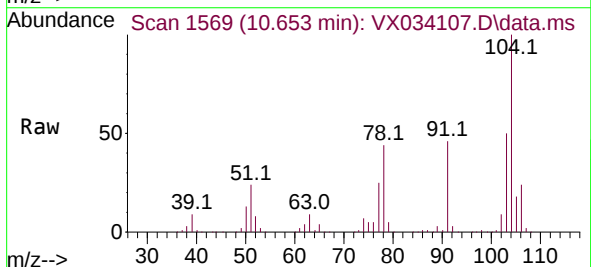
Manual Integrations
APPROVED

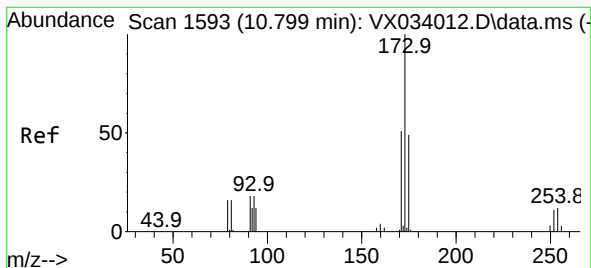
Reviewed By :John Carlone 02/10/2023
Supervised By :Mahesh Dadoda 02/13/2023



#70
Styrene
Concen: 52.795 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

Tgt Ion:104 Resp: 178825
Ion Ratio Lower Upper
104 100
78 48.3 37.5 56.3
103 54.1 43.3 64.9





#71

Bromoform

Concen: 56.300 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX034107.D

Acq: 10 Feb 2023 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

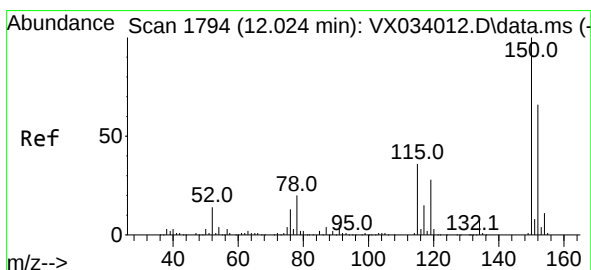
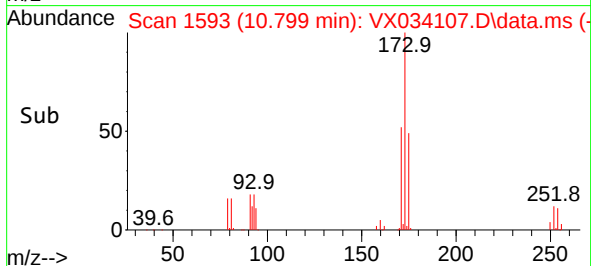
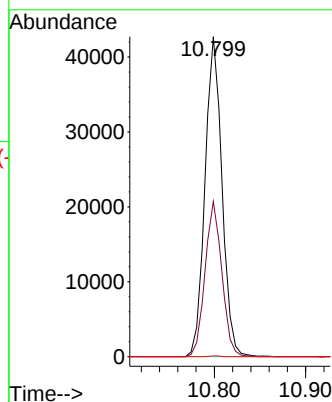
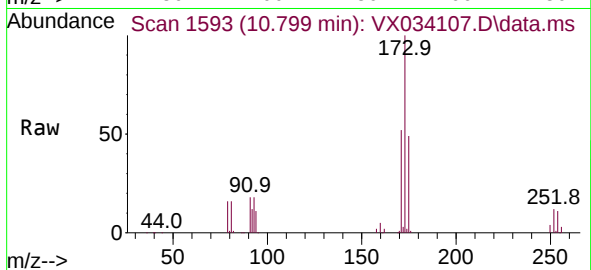
Tgt Ion:173	Resp:	54920
Ion Ratio	Lower	Upper
173	100	
175	48.0	24.1 72.3
254	0.2	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Mahesh Dadoda 02/13/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

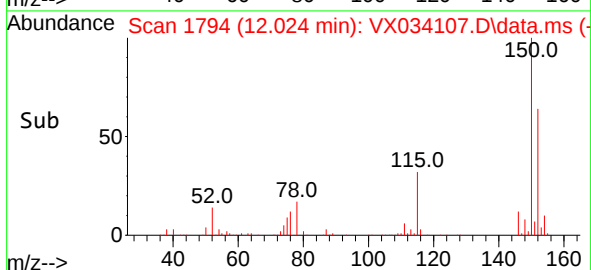
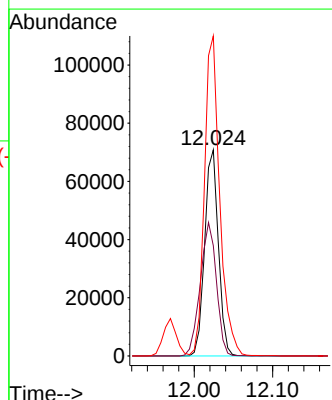
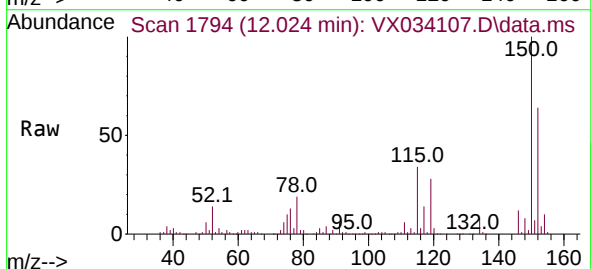
RT: 12.024 min Scan# 1794

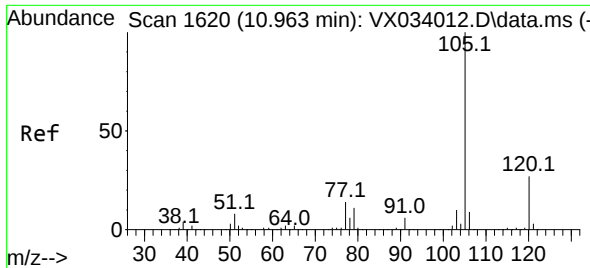
Delta R.T. 0.000 min

Lab File: VX034107.D

Acq: 10 Feb 2023 11:47

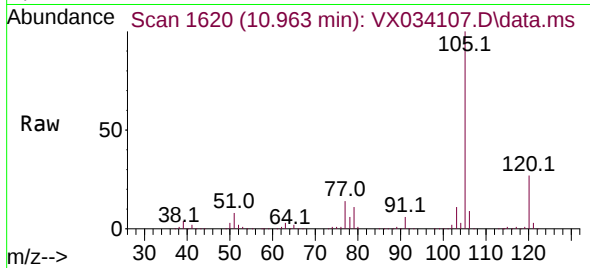
Tgt Ion:152	Resp:	86053
Ion Ratio	Lower	Upper
152	100	
115	76.3	38.7 116.1
150	172.3	0.0 348.2





#73
Isopropylbenzene
Concen: 48.740 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

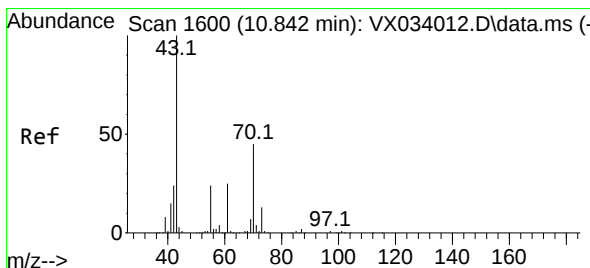
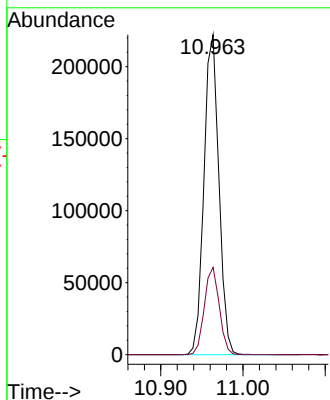
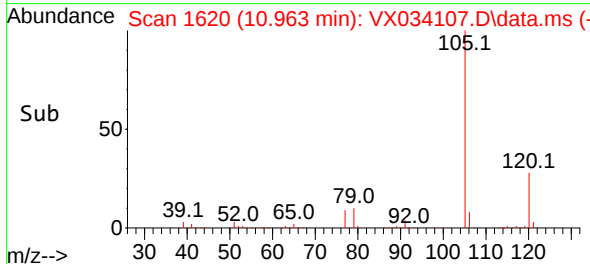
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



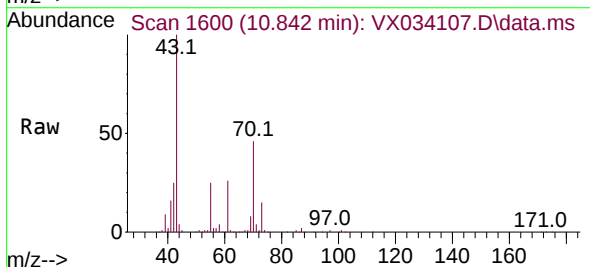
Tgt Ion:105 Resp: 280310
Ion Ratio Lower Upper
105 100
120 27.2 13.6 40.8

Manual Integrations
APPROVED

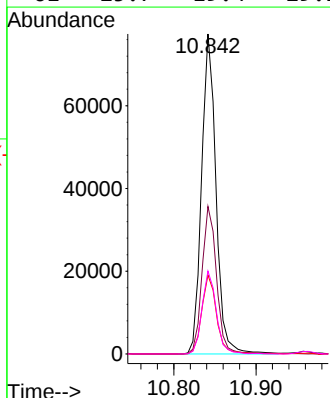
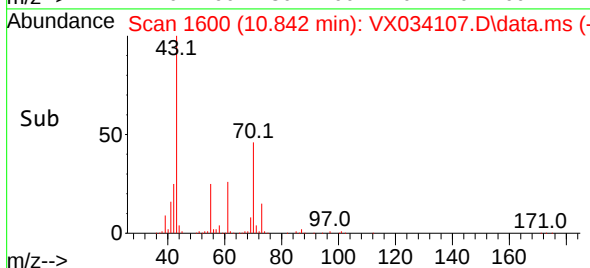
Reviewed By :John Carlone 02/10/2023
Supervised By :Mahesh Dadoda 02/13/2023

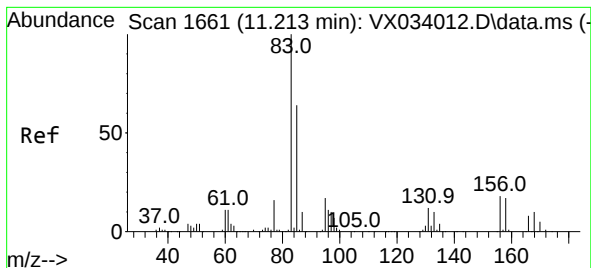


#74
N-ethyl acetate
Concen: 49.749 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47



Tgt Ion: 43 Resp: 94255
Ion Ratio Lower Upper
43 100
70 46.4 34.8 52.2
55 25.3 19.4 29.0
61 25.7 19.4 29.2





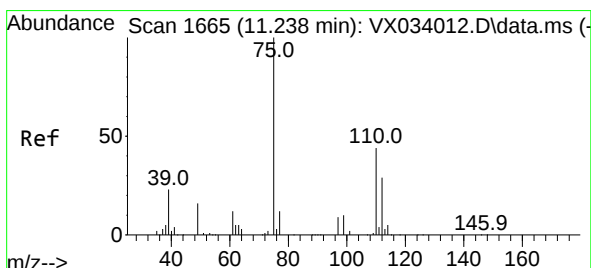
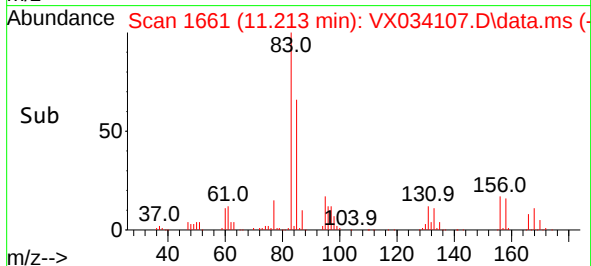
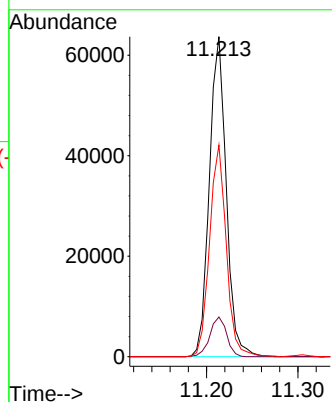
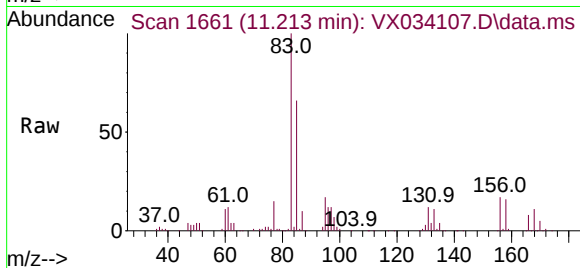
#75
1,1,2,2-Tetrachloroethane
Concen: 47.318 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 81880
Ion Ratio Lower Upper
83 100
131 12.3 5.5 16.7
85 65.5 32.3 96.9

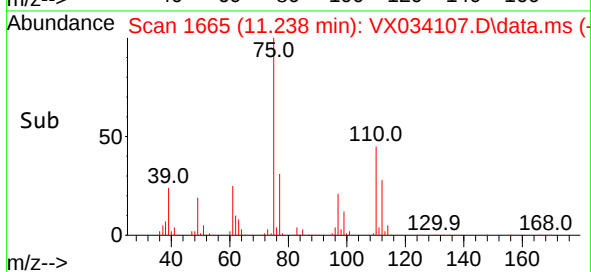
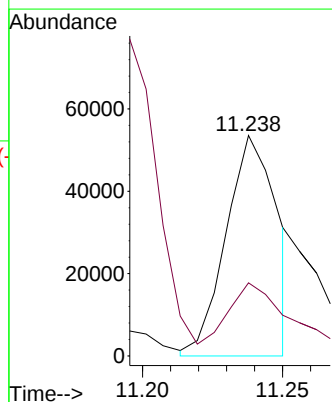
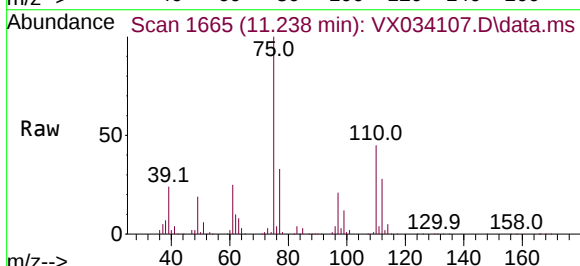
Manual Integrations
APPROVED

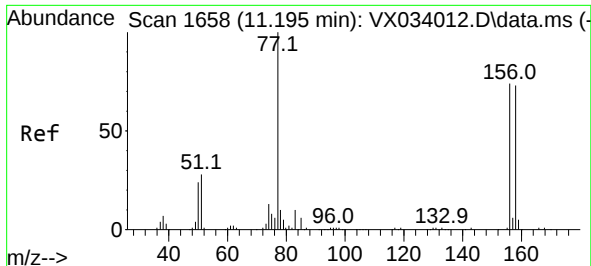
Reviewed By :John Carlone 02/10/2023
Supervised By :Mahesh Dadoda 02/13/2023



#76
1,2,3-Trichloropropane
Concen: 45.956 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

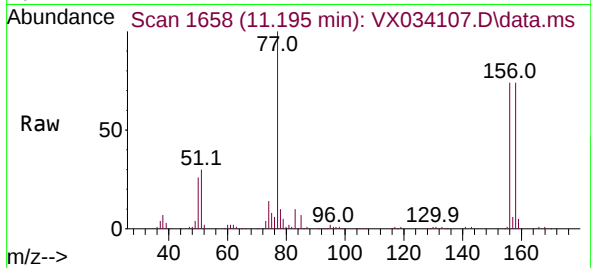
Tgt Ion: 75 Resp: 67904
Ion Ratio Lower Upper
75 100
77 42.9 21.8 65.4





#77
Bromobenzene
Concen: 48.614 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

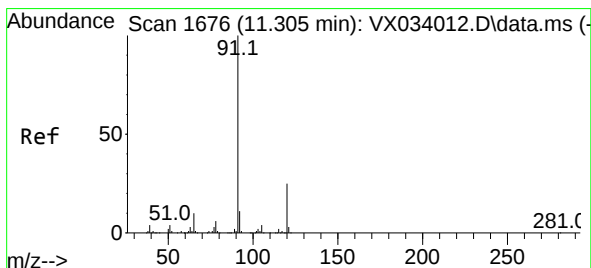
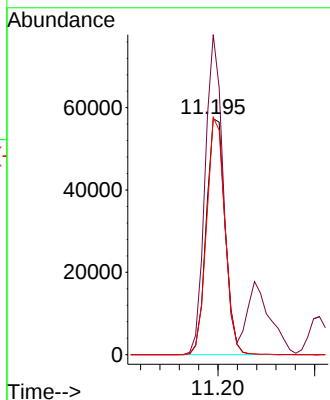
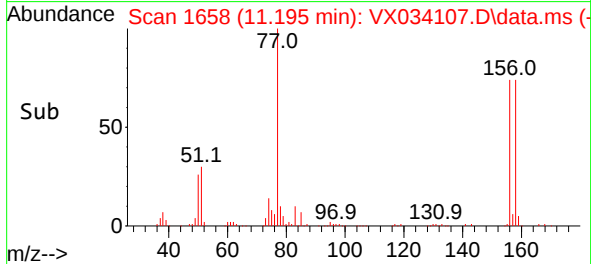
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



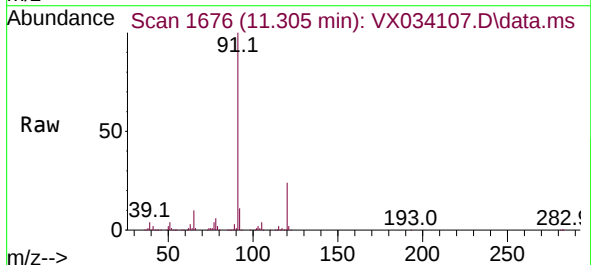
Tgt Ion:156 Resp: 77528
Ion Ratio Lower Upper
156 100
77 129.1 68.1 204.3
158 97.9 48.0 144.2

Manual Integrations
APPROVED

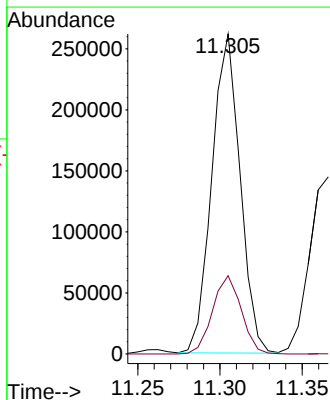
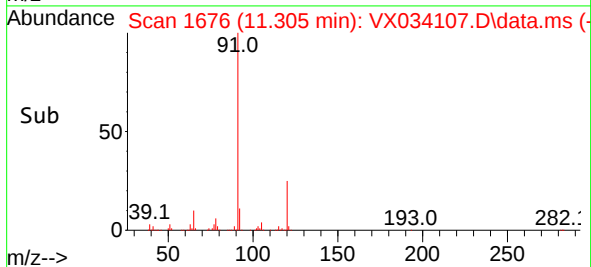
Reviewed By :John Carlone 02/10/2023
Supervised By :Mahesh Dadoda 02/13/2023

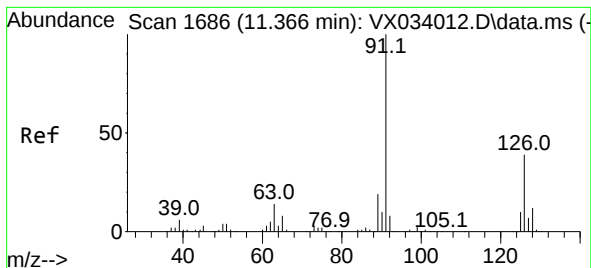


#78
n-propylbenzene
Concen: 49.050 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47



Tgt Ion: 91 Resp: 311904
Ion Ratio Lower Upper
91 100
120 24.9 12.3 36.8





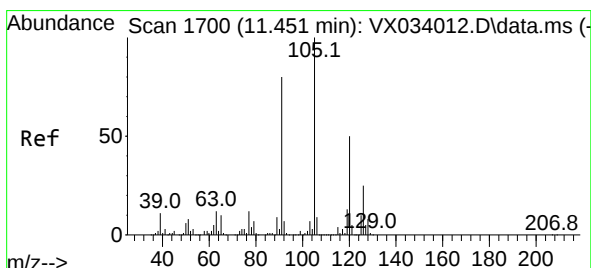
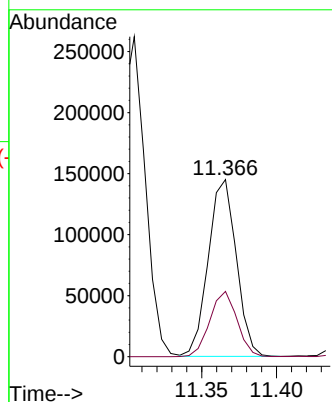
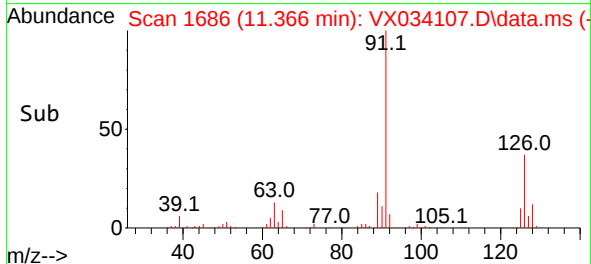
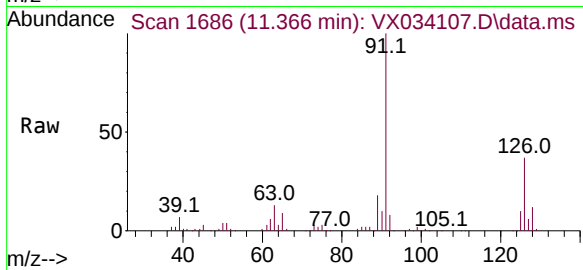
#79
2-Chlorotoluene
Concen: 48.992 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 18863
Ion Ratio Lower Upper
91 100
126 35.9 18.1 54.1

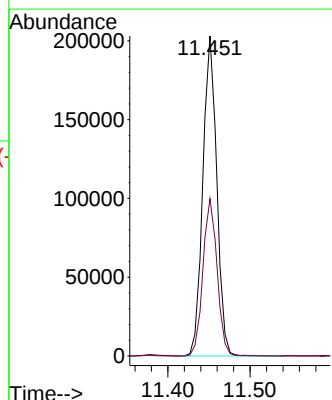
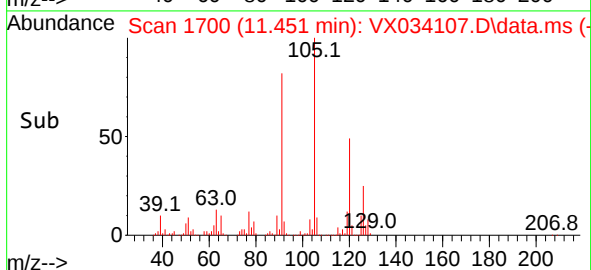
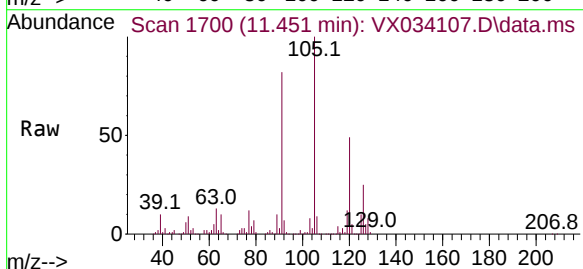
Manual Integrations
APPROVED

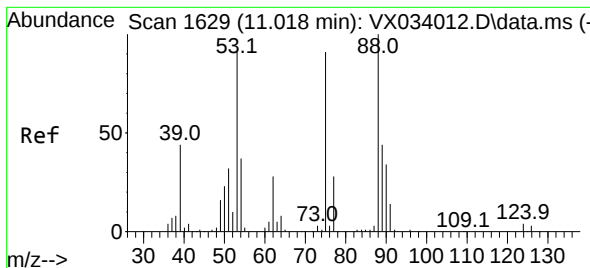
Reviewed By :John Carlone 02/10/2023
Supervised By :Mahesh Dadoda 02/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.882 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

Tgt Ion:105 Resp: 238789
Ion Ratio Lower Upper
105 100
120 49.9 25.6 76.8





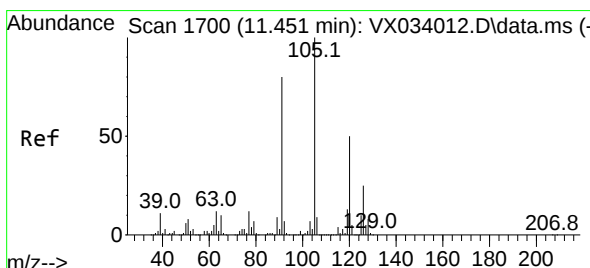
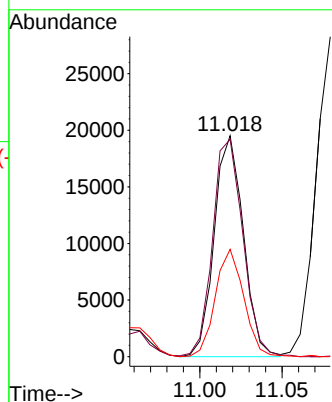
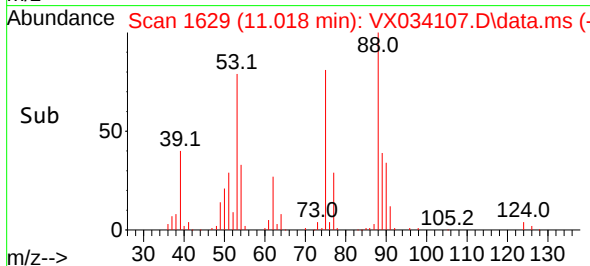
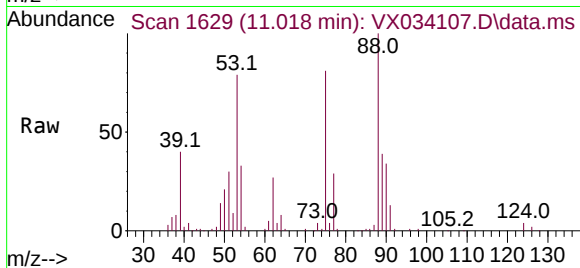
#81
trans-1,4-Dichloro-2-butene
Concen: 50.096 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 24030
Ion Ratio Lower Upper
75 100
53 102.5 83.0 124.6
89 47.4 37.7 56.5

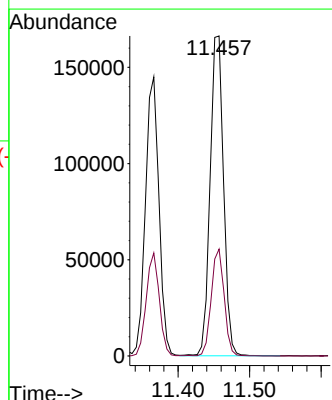
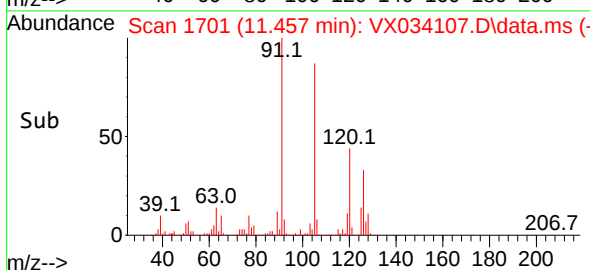
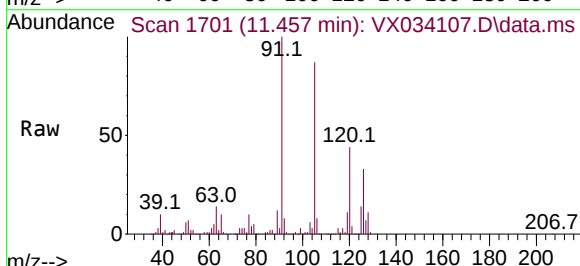
Manual Integrations
APPROVED

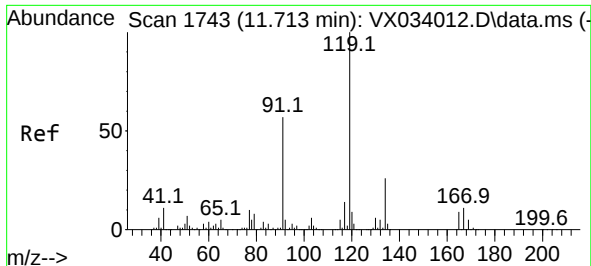
Reviewed By :John Carlone 02/10/2023
Supervised By :Mahesh Dadoda 02/13/2023



#82
4-Chlorotoluene
Concen: 49.827 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

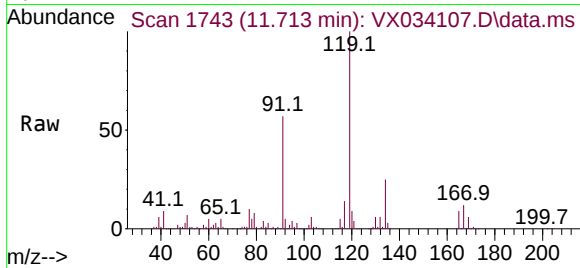
Tgt Ion: 91 Resp: 216982
Ion Ratio Lower Upper
91 100
126 32.2 15.8 47.4





#83
tert-Butylbenzene
Concen: 49.649 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

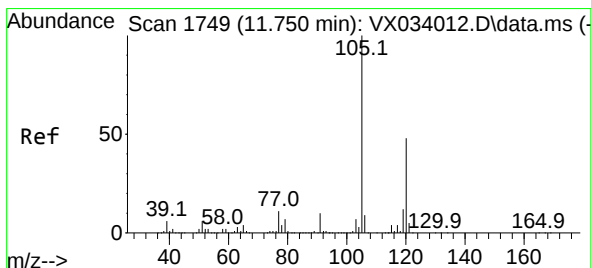
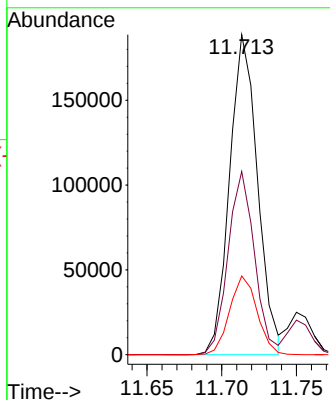
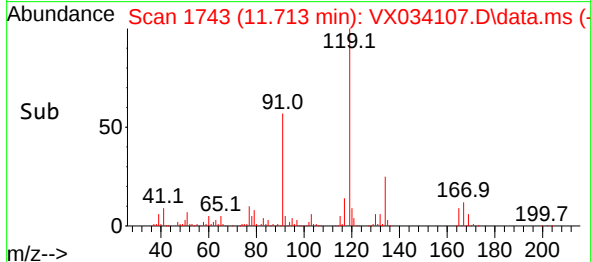
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 245549
Ion Ratio Lower Upper
119 100
91 54.3 26.9 80.7
134 24.2 12.3 36.8

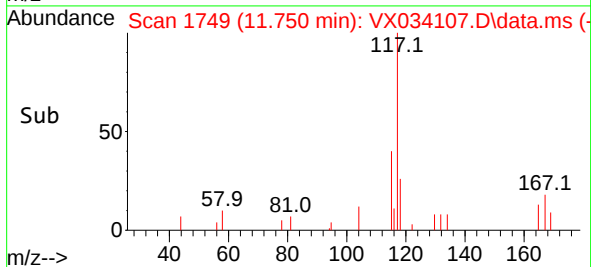
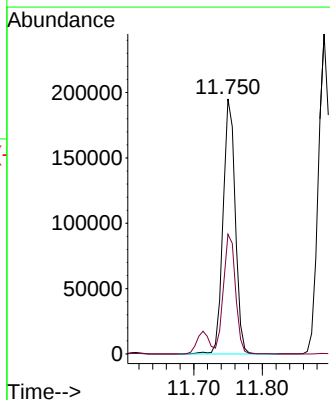
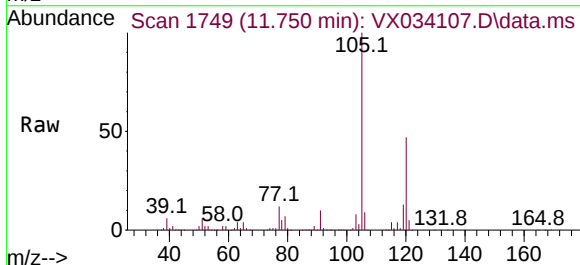
Manual Integrations
APPROVED

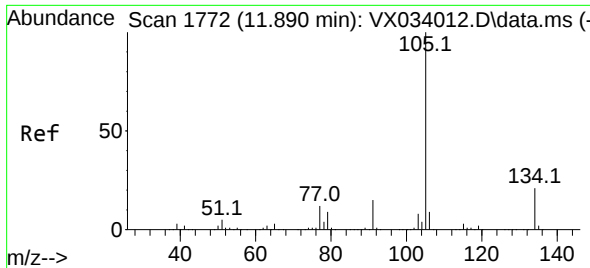
Reviewed By :John Carlone 02/10/2023
Supervised By :Mahesh Dadoda 02/13/2023



#84
1,2,4-Trimethylbenzene
Concen: 50.084 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

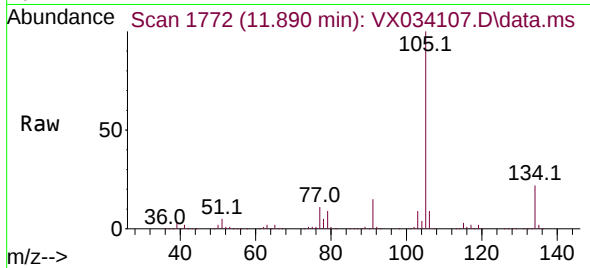
Tgt Ion:105 Resp: 239526
Ion Ratio Lower Upper
105 100
120 46.3 23.4 70.2





#85
 sec-Butylbenzene
 Concen: 49.861 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX034107.D
 Acq: 10 Feb 2023 11:47

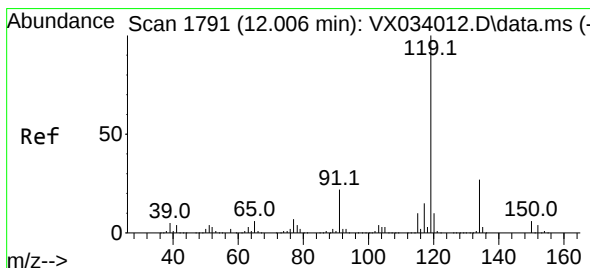
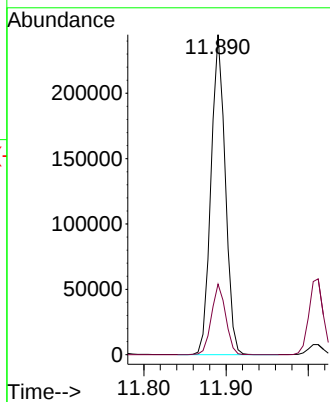
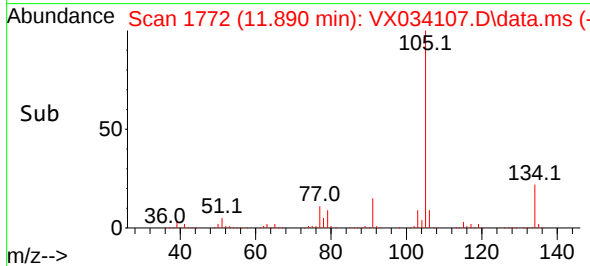
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



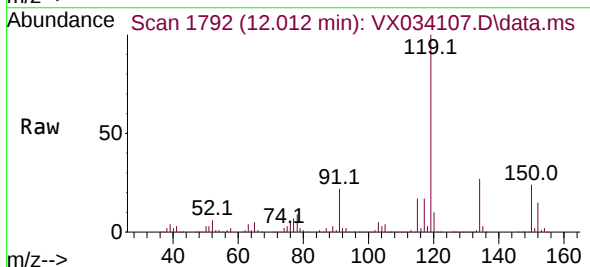
Tgt Ion:105 Resp: 29504
 Ion Ratio Lower Upper
 105 100
 134 21.9 10.8 32.3

Manual Integrations
 APPROVED

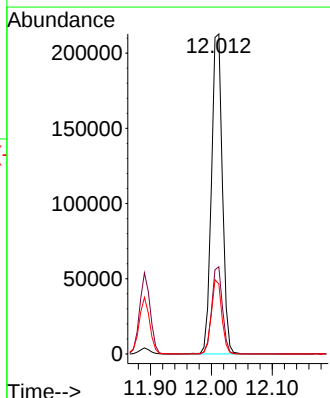
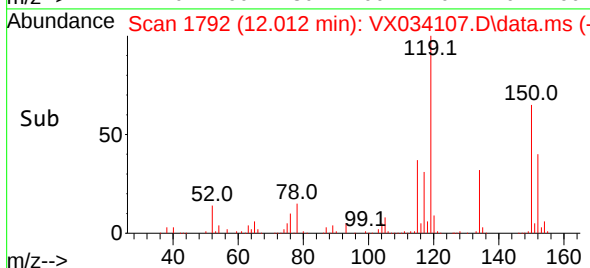
Reviewed By :John Carlone 02/10/2023
 Supervised By :Mahesh Dadoda 02/13/2023

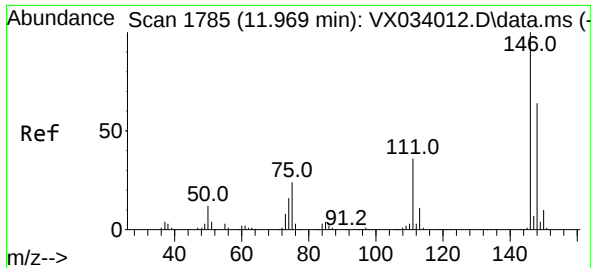


#86
 p-Isopropyltoluene
 Concen: 50.746 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX034107.D
 Acq: 10 Feb 2023 11:47



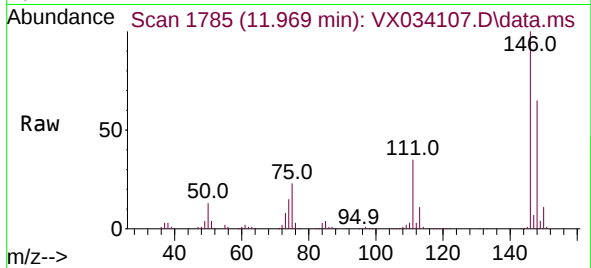
Tgt Ion:119 Resp: 263365
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.6 40.8
 91 22.3 11.0 33.0





#87
1,3-Dichlorobenzene
Concen: 49.530 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

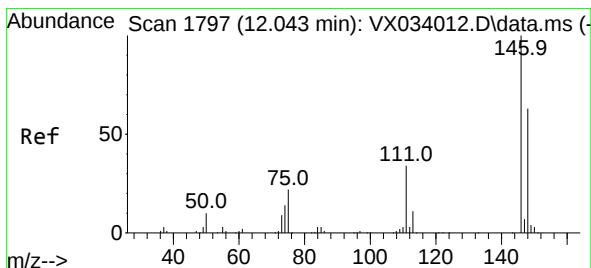
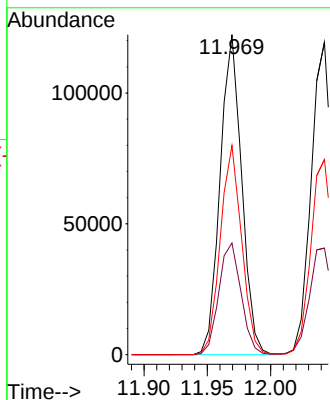
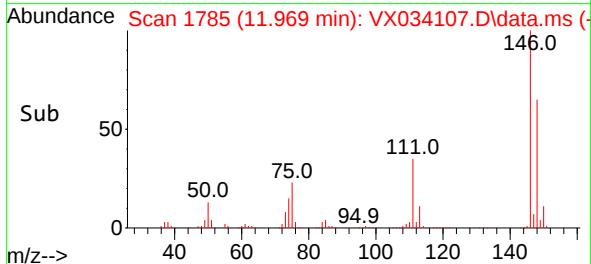
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



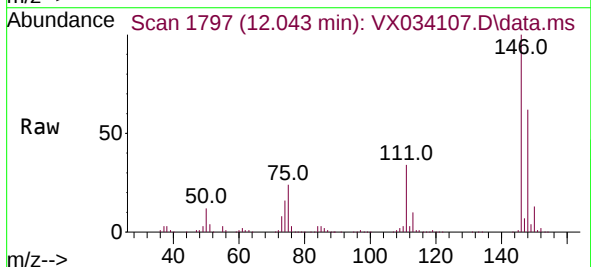
Tgt Ion:146 Resp: 144937
Ion Ratio Lower Upper
146 100
111 36.1 18.6 55.6
148 64.7 31.9 95.5

Manual Integrations
APPROVED

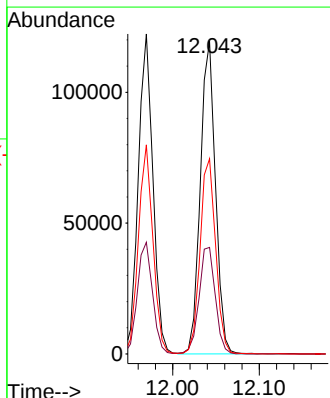
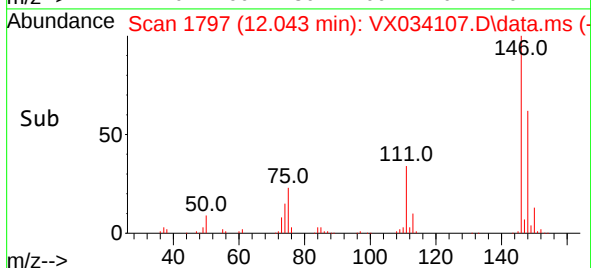
Reviewed By :John Carlone 02/10/2023
Supervised By :Mahesh Dadoda 02/13/2023

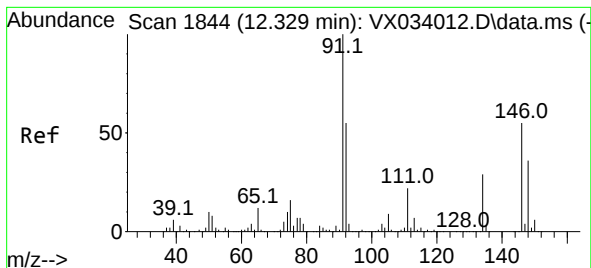


#88
1,4-Dichlorobenzene
Concen: 48.850 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47



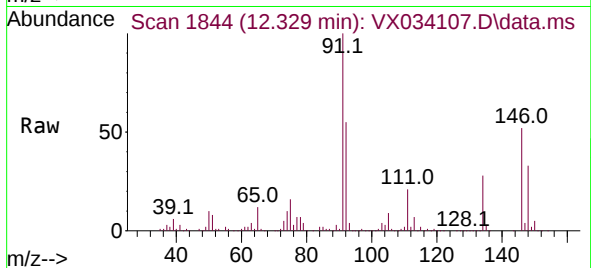
Tgt Ion:146 Resp: 145130
Ion Ratio Lower Upper
146 100
111 36.7 17.8 53.4
148 64.4 32.1 96.3





#89
n-Butylbenzene
Concen: 51.479 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

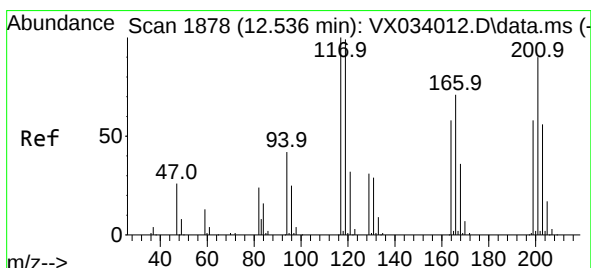
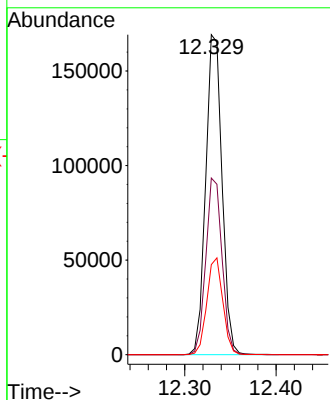
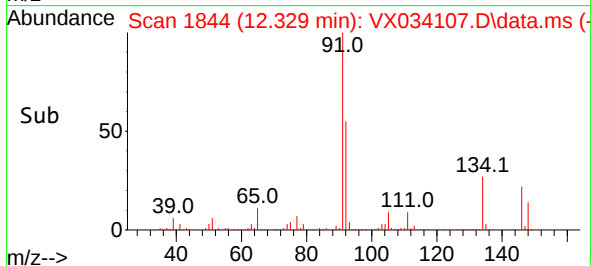
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 209468
Ion Ratio Lower Upper
91 100
92 54.8 27.5 82.5
134 29.7 14.3 42.9

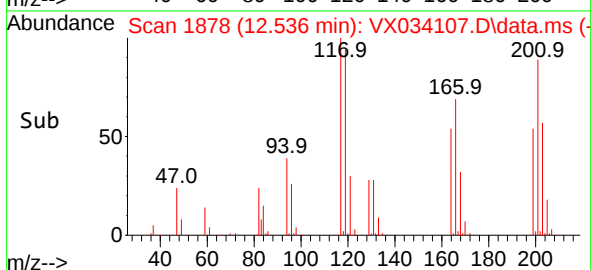
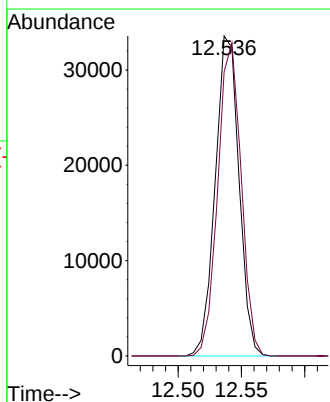
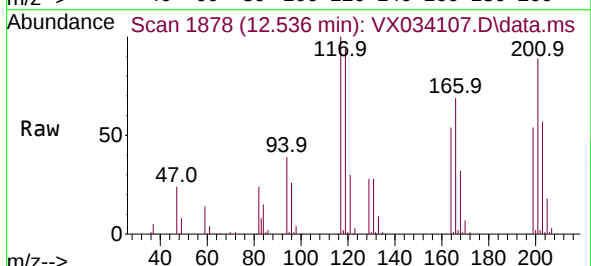
Manual Integrations
APPROVED

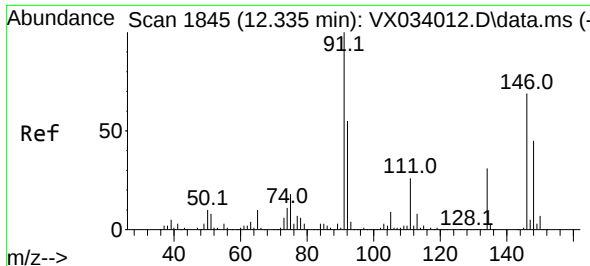
Reviewed By :John Carlone 02/10/2023
Supervised By :Mahesh Dadoda 02/13/2023



#90
Hexachloroethane
Concen: 53.608 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

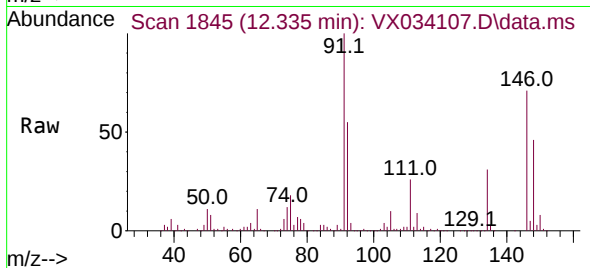
Tgt Ion:117 Resp: 43799
Ion Ratio Lower Upper
117 100
201 96.1 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 49.453 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

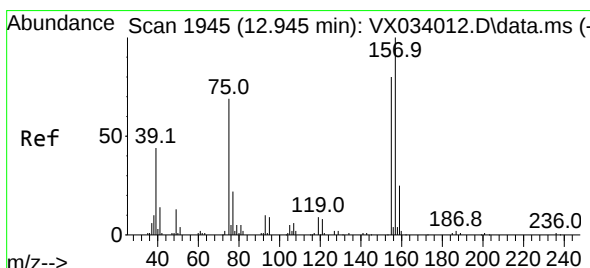
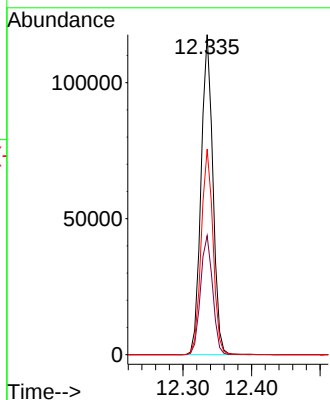
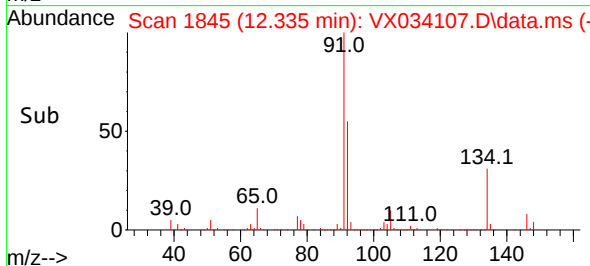
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



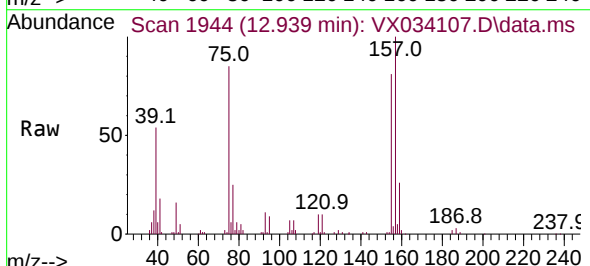
Tgt Ion:146 Resp: 14113
Ion Ratio Lower Upper
146 100
111 38.1 19.3 57.8
148 64.3 32.3 96.9

Manual Integrations
APPROVED

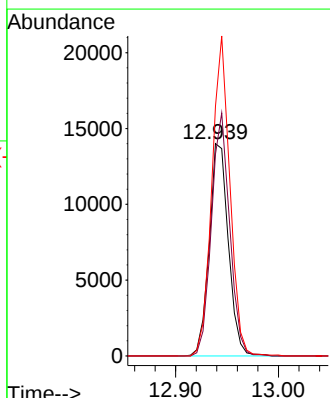
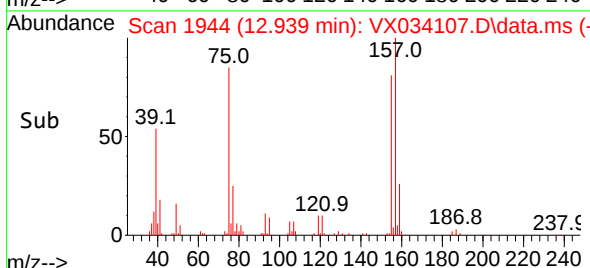
Reviewed By :John Carlone 02/10/2023
Supervised By :Mahesh Dadoda 02/13/2023

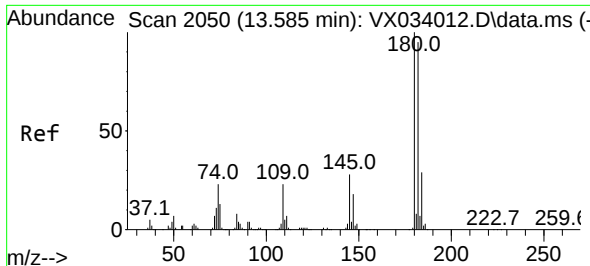


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.387 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47



Tgt Ion: 75 Resp: 18166
Ion Ratio Lower Upper
75 100
155 108.7 51.7 155.1
157 141.0 67.5 202.3





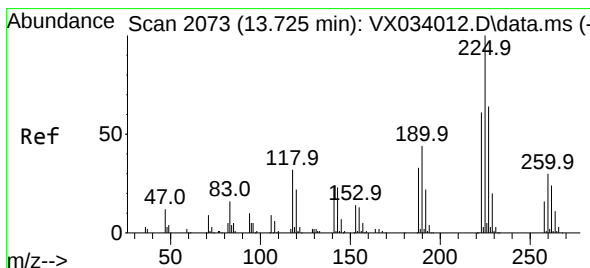
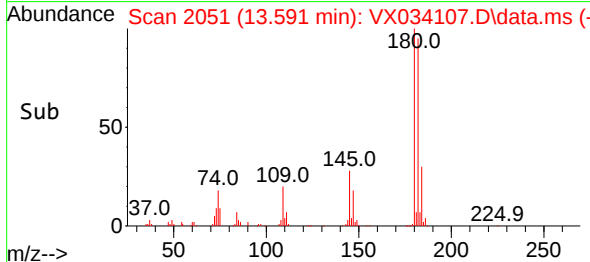
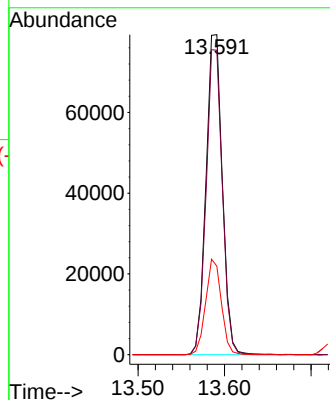
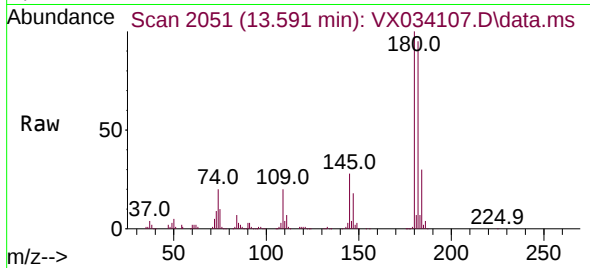
#93
1,2,4-Trichlorobenzene
Concen: 51.410 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 103660
Ion Ratio Lower Upper
180 100
182 94.8 47.9 143.6
145 28.7 14.1 42.2

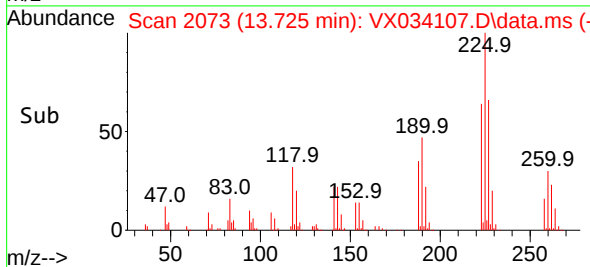
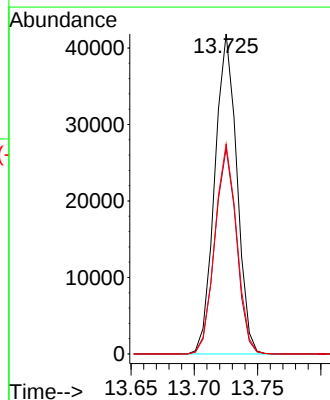
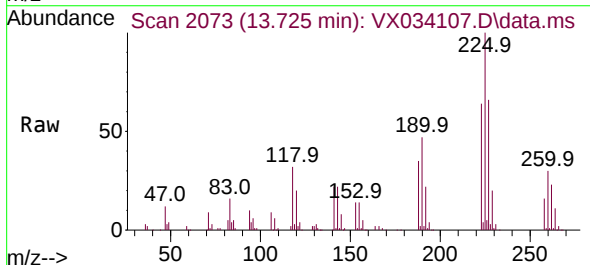
Manual Integrations
APPROVED

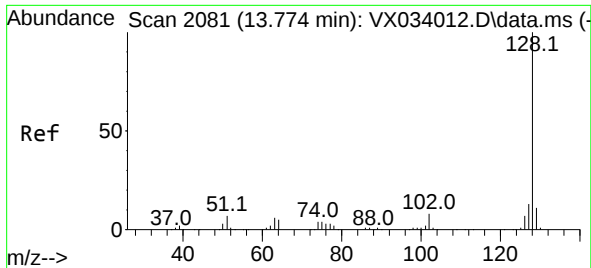
Reviewed By :John Carlone 02/10/2023
Supervised By :Mahesh Dadoda 02/13/2023



#94
Hexachlorobutadiene
Concen: 50.806 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

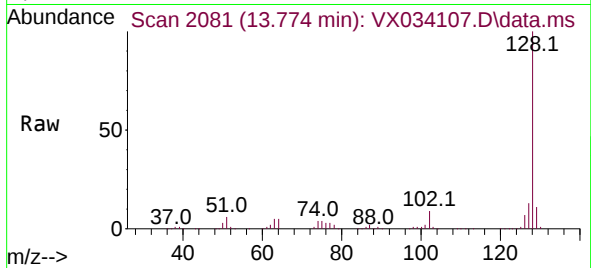
Tgt Ion:225 Resp: 50710
Ion Ratio Lower Upper
225 100
223 63.1 31.3 93.9
227 64.8 32.3 96.9





#95
Naphthalene
Concen: 51.559 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47

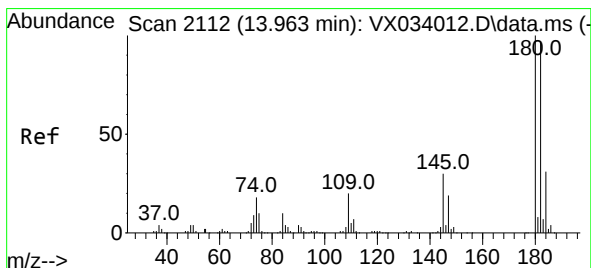
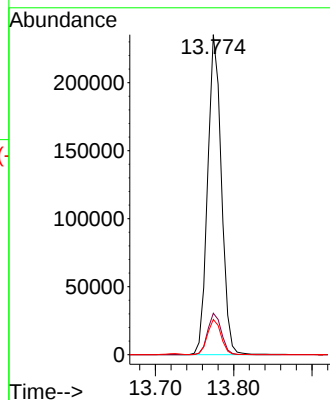
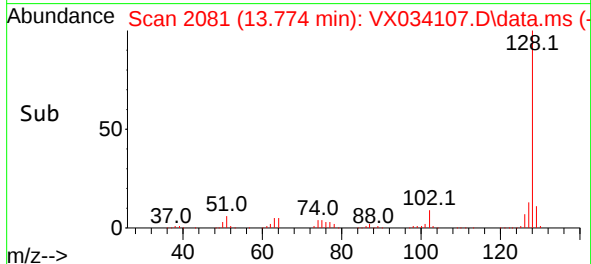
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



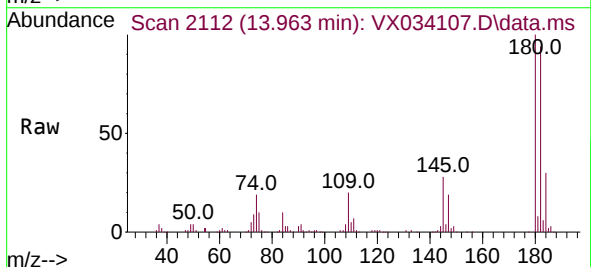
Tgt Ion:128 Resp: 28564
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/10/2023
Supervised By :Mahesh Dadoda 02/13/2023



#96
1,2,3-Trichlorobenzene
Concen: 50.305 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX034107.D
Acq: 10 Feb 2023 11:47



Tgt Ion:180 Resp: 101894
Ion Ratio Lower Upper
180 100
182 94.7 47.6 142.9
145 29.7 15.1 45.3

