

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121421\
 Data File : VX025772.D
 Acq On : 14 Dec 2021 13:15
 Operator : JC/MD
 Sample : VX1214WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2021
 Supervised By : Mahesh Dadoda 12/21/2021

Quant Time: Dec 15 07:01:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	135948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	221115	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85101	43.507	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.020%		
35) Dibromofluoromethane	5.385	113	71264	46.213	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.420%		
50) Toluene-d8	8.647	98	269698	48.001	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.000%		
62) 4-Bromofluorobenzene	11.079	95	99658	46.694	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.380%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	27560	22.668	ug/l	98
3) Chloromethane	1.294	50	30599	19.328	ug/l	99
4) Vinyl Chloride	1.374	62	31745	18.851	ug/l	98
5) Bromomethane	1.599	94	21865	18.184	ug/l	95
6) Chloroethane	1.685	64	21732	17.817	ug/l	98
7) Trichlorofluoromethane	1.886	101	52679	18.938	ug/l	94
8) Diethyl Ether	2.136	74	18552	16.907	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	29546	20.412	ug/l	99
10) Methyl Iodide	2.453	142	34831	18.885	ug/l	100
11) Tert butyl alcohol	2.965	59	31559	80.431	ug/l	99
12) 1,1-Dichloroethene	2.319	96	26361	18.316	ug/l	99
13) Acrolein	2.239	56	23591	87.961	ug/l	99
14) Allyl chloride	2.666	41	45892	17.472	ug/l	99
15) Acrylonitrile	3.062	53	79904	87.232	ug/l	99
16) Acetone	2.380	43	91628	95.289	ug/l	97
17) Carbon Disulfide	2.514	76	76321	18.513	ug/l	97
18) Methyl Acetate	2.703	43	51475	17.266	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	91130	17.927	ug/l	100
20) Methylene Chloride	2.794	84	31143	17.019	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	30059	18.715	ug/l	97
22) Diisopropyl ether	3.763	45	90942	17.849	ug/l	93
23) Vinyl Acetate	3.721	43	358547	90.938	ug/l	99
24) 1,1-Dichloroethane	3.611	63	52317	17.983	ug/l	95
25) 2-Butanone	4.556	43	119937	91.165	ug/l	100
26) 2,2-Dichloropropane	4.477	77	41140	18.644	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	34883	18.316	ug/l	98
28) Bromochloromethane	4.903	49	21569	16.452	ug/l	97
29) Tetrahydrofuran	5.007	42	71621	85.625	ug/l	98
30) Chloroform	5.099	83	56531	17.718	ug/l	98
31) Cyclohexane	5.470	56	48746	20.492	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	50126	18.051	ug/l	99
36) 1,1-Dichloropropene	5.696	75	40822	19.521	ug/l	99
37) Ethyl Acetate	4.715	43	42619	18.343	ug/l	98
38) Carbon Tetrachloride	5.684	117	45516	18.706	ug/l	99
39) Methylcyclohexane	7.379	83	51164	21.866	ug/l	96
40) Benzene	6.037	78	120154	19.261	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	22907	17.815	ug/l	98
42) 1,2-Dichloroethane	6.092	62	44625	18.822	ug/l	100
43) Isopropyl Acetate	6.342	43	68236	18.229	ug/l	100
44) Trichloroethene	7.129	130	34956	20.128	ug/l	99
45) 1,2-Dichloropropane	7.434	63	29541	18.788	ug/l	97
46) Dibromomethane	7.580	93	22982	18.775	ug/l	97
47) Bromodichloromethane	7.824	83	44831	18.583	ug/l	97
48) Methyl methacrylate	7.696	41	32427	18.396	ug/l	100
49) 1,4-Dioxane	7.659	88	13619	353.898	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	224547	91.636	ug/l	99
52) Toluene	8.720	92	79811	20.079	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	42267	18.380	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	48001	19.077	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	32443	19.033	ug/l	97
56) Ethyl methacrylate	9.116	69	45256	18.487	ug/l	100
57) 1,3-Dichloropropane	9.311	76	52677	18.841	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	91038	87.012	ug/l	99
59) 2-Hexanone	9.433	43	176587	95.112	ug/l	99
60) Dibromochloromethane	9.525	129	35111	18.149	ug/l	100
61) 1,2-Dibromoethane	9.610	107	34404	18.615	ug/l	99
64) Tetrachloroethene	9.275	164	33977	20.564	ug/l	96
65) Chlorobenzene	10.079	112	87042	20.160	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	31353	18.596	ug/l	97
67) Ethyl Benzene	10.195	91	150712	20.642	ug/l	99
68) m/p-Xylenes	10.305	106	120127	42.282	ug/l	100
69) o-Xylene	10.646	106	57985	20.747	ug/l	98
70) Styrene	10.659	104	96159	20.676	ug/l	100
71) Bromoform	10.805	173	25570	18.410	ug/l #	98
73) Isopropylbenzene	10.963	105	153417	20.215	ug/l	100
74) N-amyl acetate	10.848	43	54369	17.811	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	48209	18.226	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	42903m	17.907	ug/l	
77) Bromobenzene	11.201	156	37973	19.507	ug/l	97
78) n-propylbenzene	11.305	91	176319	20.540	ug/l	100
79) 2-Chlorotoluene	11.366	91	105457	19.319	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	129325	20.546	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	12298	15.914	ug/l	93
82) 4-Chlorotoluene	11.457	91	121057	19.804	ug/l	100
83) tert-Butylbenzene	11.719	119	127952	20.739	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	128732	20.473	ug/l	99
85) sec-Butylbenzene	11.890	105	159647	21.528	ug/l	100
86) p-Isopropyltoluene	12.012	119	134717	21.632	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	71660	19.757	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	72111	19.473	ug/l	99
89) n-Butylbenzene	12.335	91	109517	21.081	ug/l	99
90) Hexachloroethane	12.542	117	21941	17.926	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	67955	19.619	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10137	17.055	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	38752	20.685	ug/l	97
94) Hexachlorobutadiene	13.725	225	17785	24.138	ug/l	97
95) Naphthalene	13.780	128	125750	19.167	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	39257	20.855	ug/l	98

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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

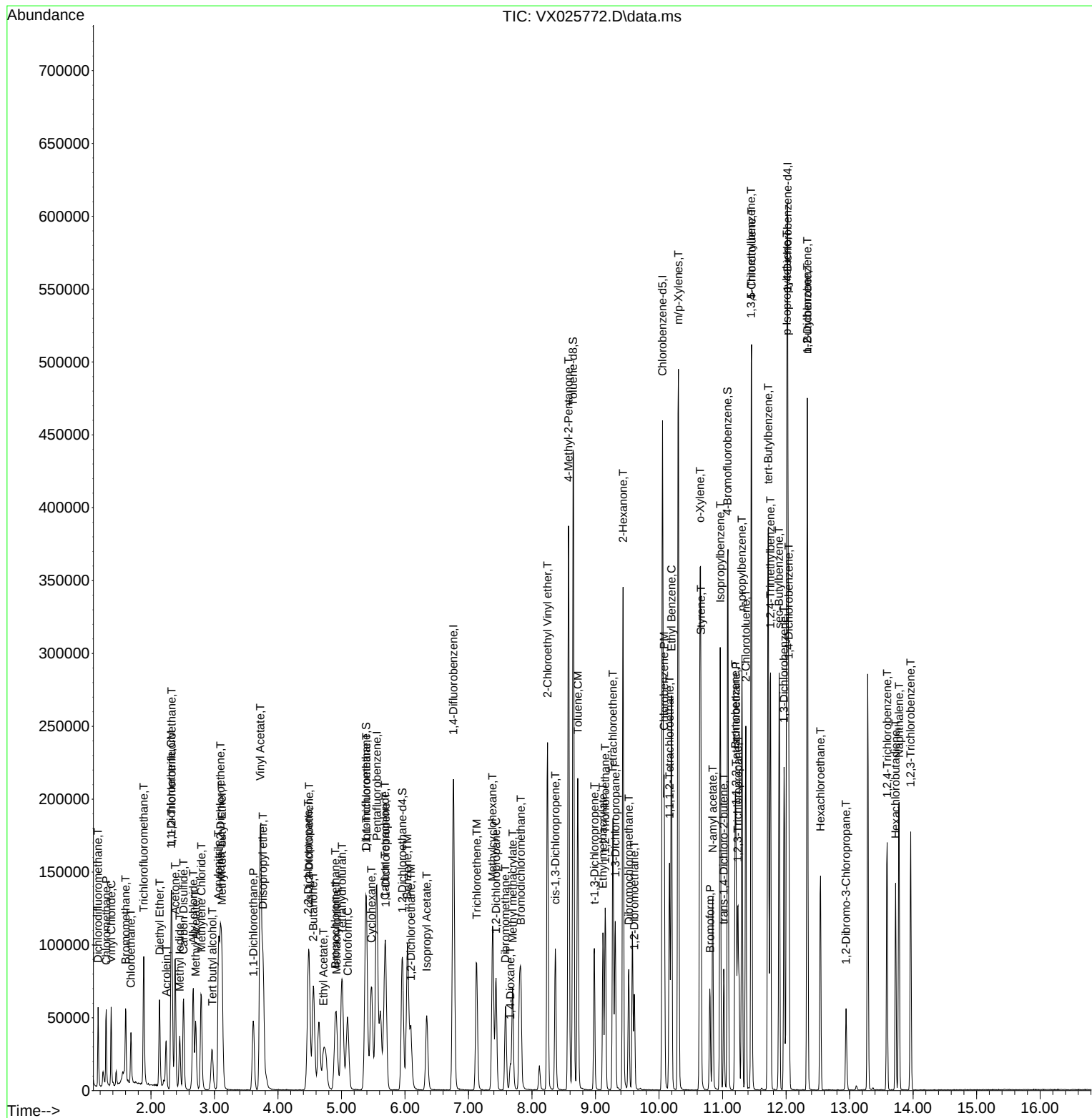
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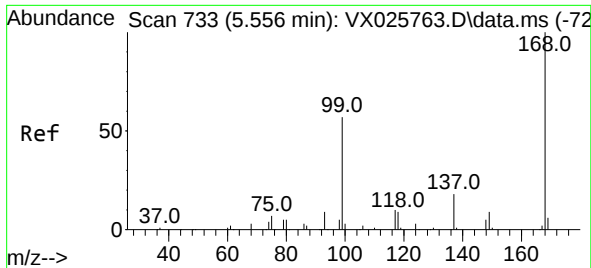
Instrument :
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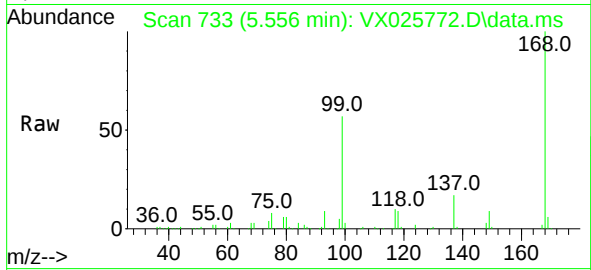
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
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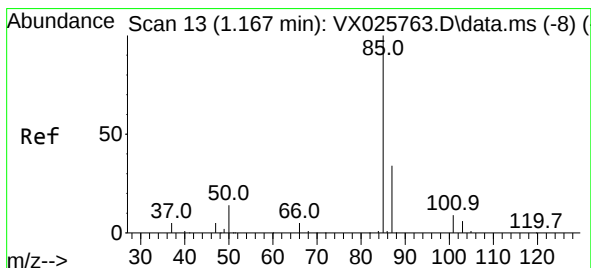
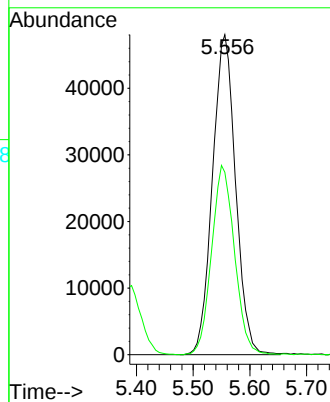
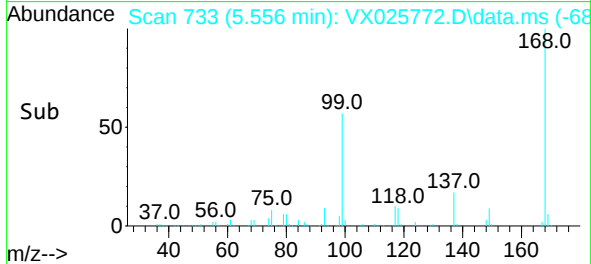
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:168 Resp: 135948
Ion Ratio Lower Upper
168 100
99 57.0 45.8 68.8

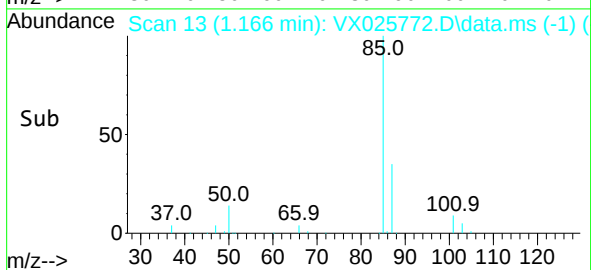
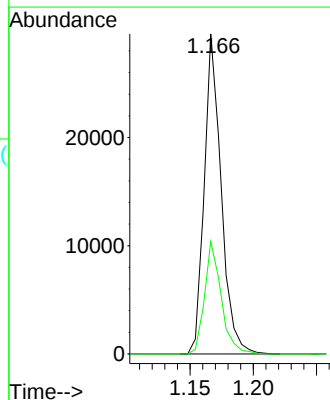
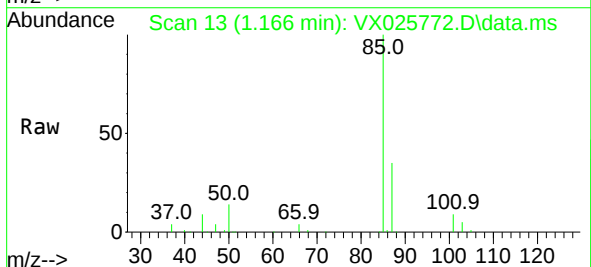
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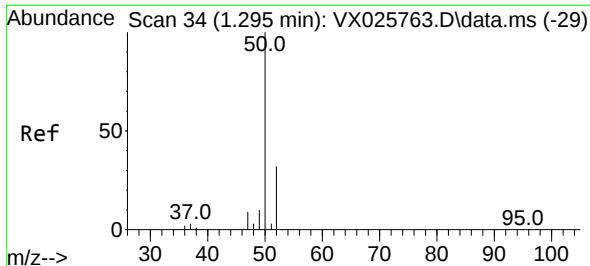
Reviewed By :John Carlone 12/15/2021
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#2
Dichlorodifluoromethane
Concen: 22.668 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15

Tgt Ion: 85 Resp: 27560
Ion Ratio Lower Upper
85 100
87 35.1 17.0 50.9





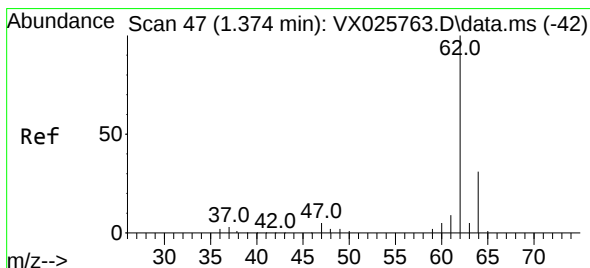
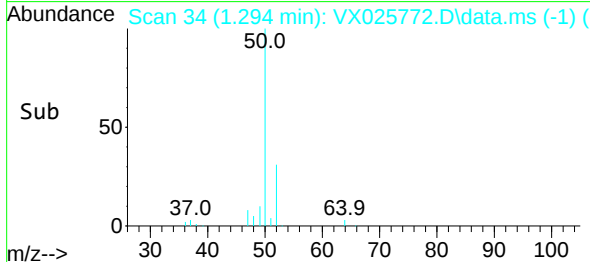
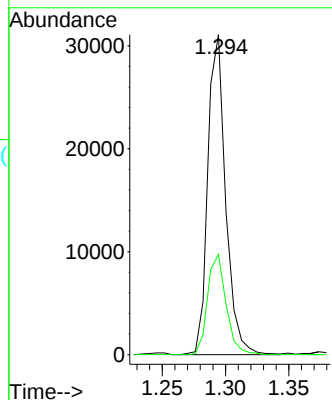
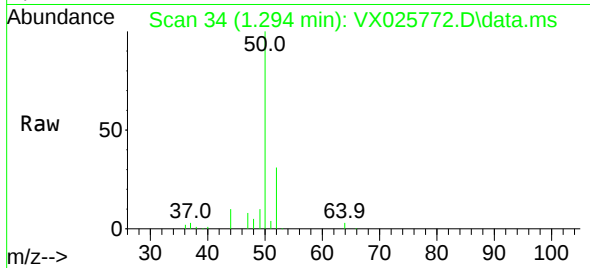
#3
Chloromethane
Concen: 19.328 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15

Instrument :
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Tgt Ion: 50 Resp: 30599
Ion Ratio Lower Upper
50 100
52 31.3 25.4 38.0

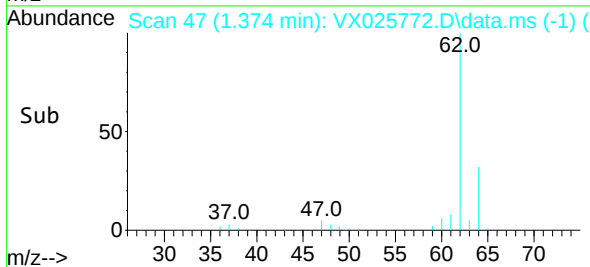
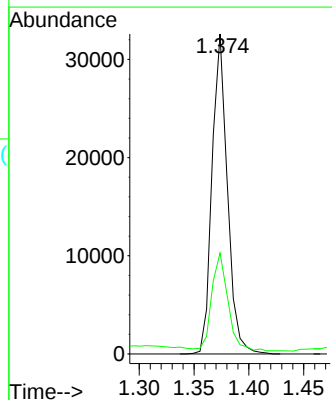
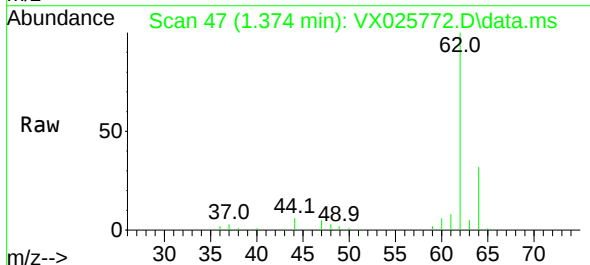
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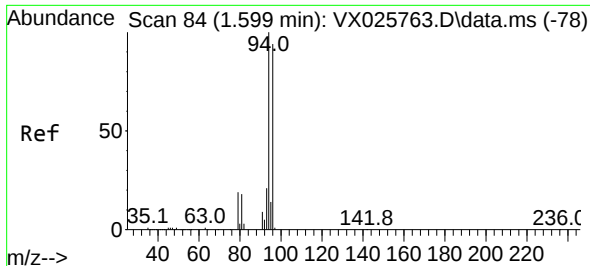
Reviewed By :John Carlone 12/15/2021
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#4
Vinyl Chloride
Concen: 18.851 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15

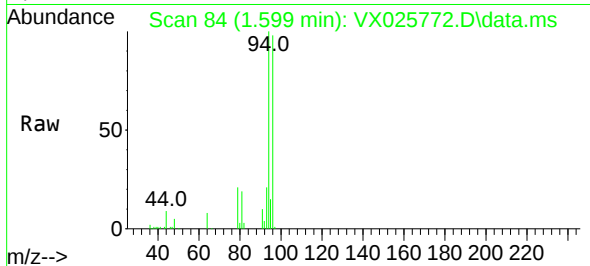
Tgt Ion: 62 Resp: 31745
Ion Ratio Lower Upper
62 100
64 30.6 25.4 38.2





#5
Bromomethane
Concen: 18.184 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15

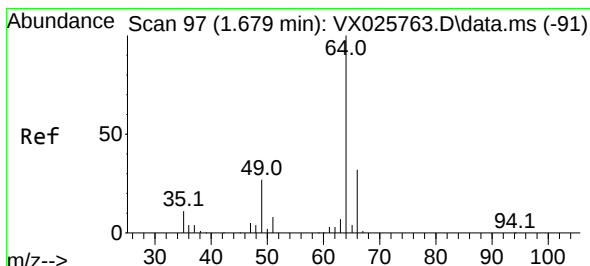
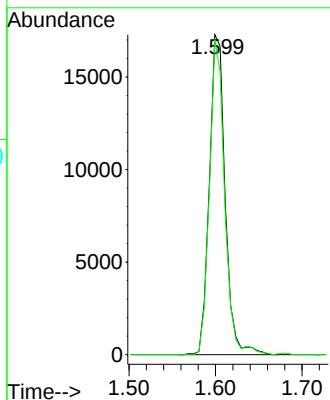
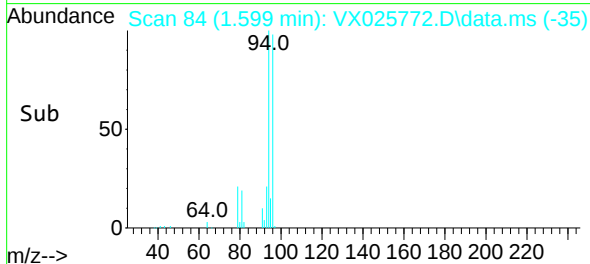
Instrument :
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Tgt Ion: 94 Resp: 2186
Ion Ratio Lower Upper
94 100
96 98.5 75.0 112.4

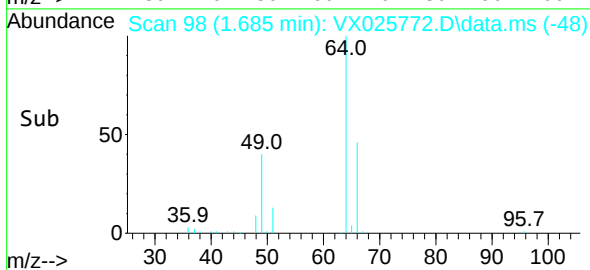
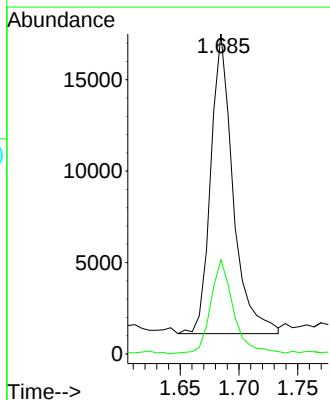
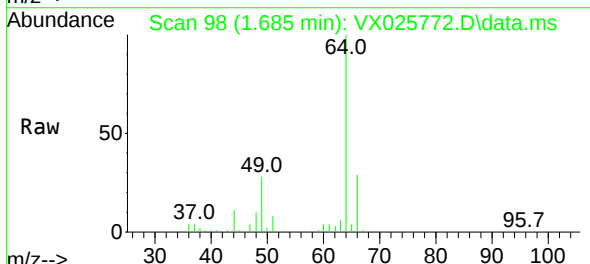
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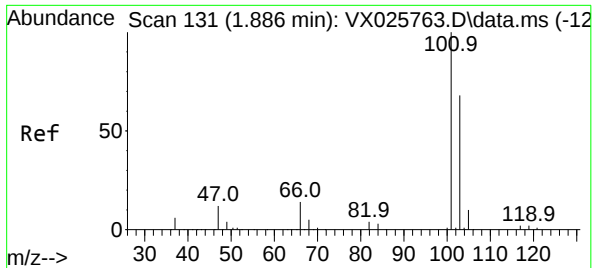
Reviewed By :John Carlone 12/15/2021
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#6
Chloroethane
Concen: 17.817 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15

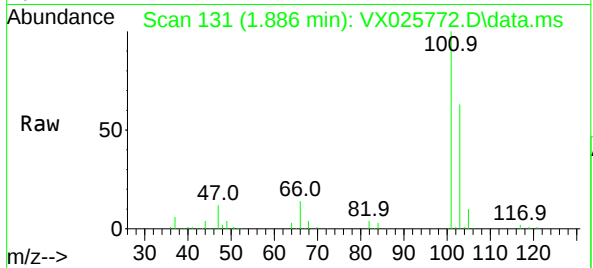
Tgt Ion: 64 Resp: 21732
Ion Ratio Lower Upper
64 100
66 31.0 25.9 38.9





#7
Trichlorofluoromethane
Concen: 18.938 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15

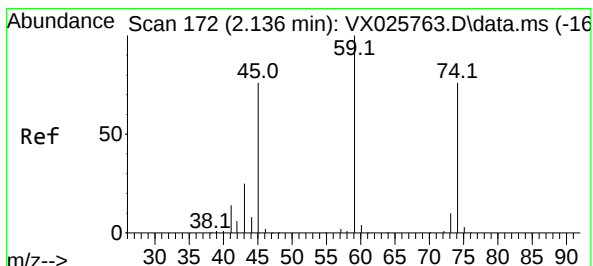
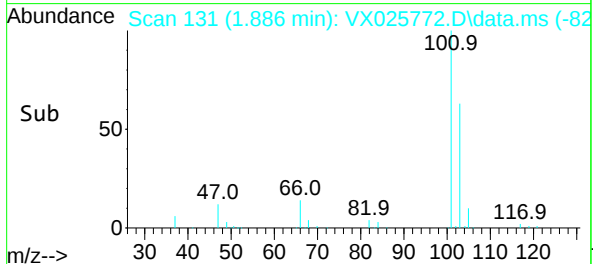
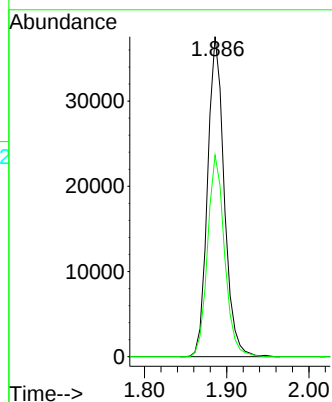
Instrument :
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Tgt Ion:101 Resp: 52679
Ion Ratio Lower Upper
101 100
103 63.0 54.1 81.1

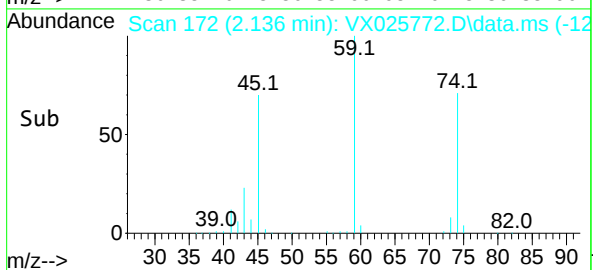
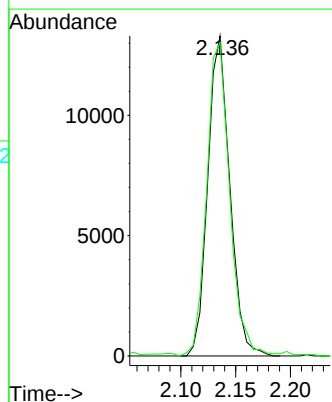
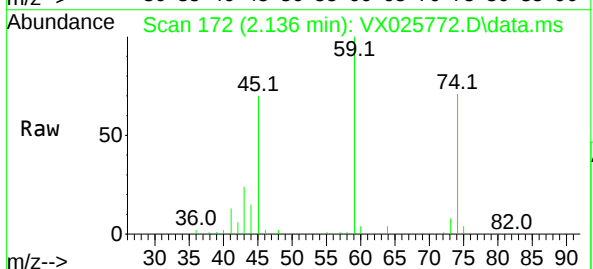
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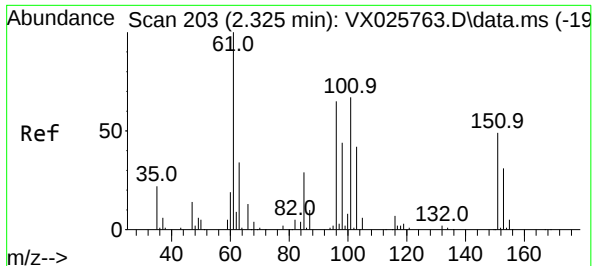
Reviewed By :John Carlone 12/15/2021
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#8
Diethyl Ether
Concen: 16.907 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15

Tgt Ion: 74 Resp: 18552
Ion Ratio Lower Upper
74 100
45 102.3 50.4 151.2





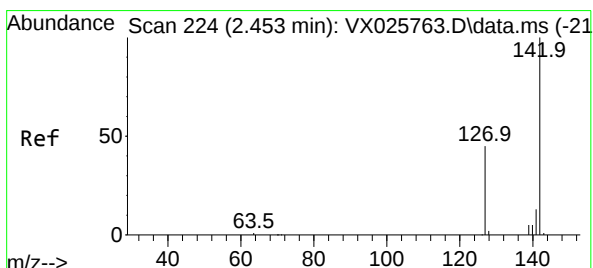
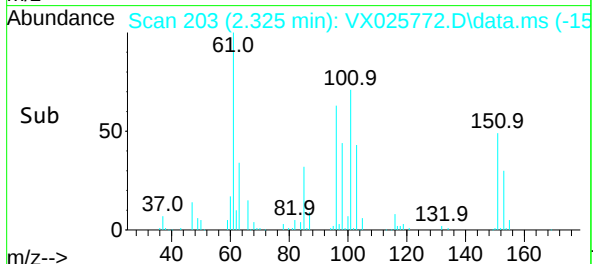
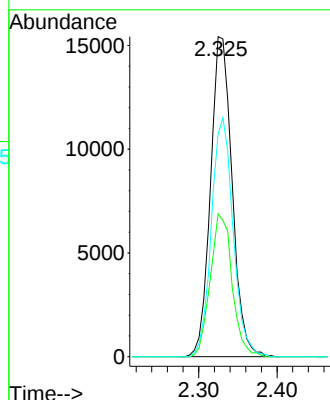
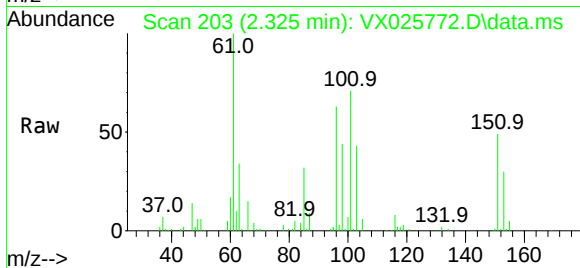
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.412 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion:101 Resp: 29540
Ion Ratio Lower Upper
101 100
85 45.0 36.5 54.7
151 75.2 60.6 90.8

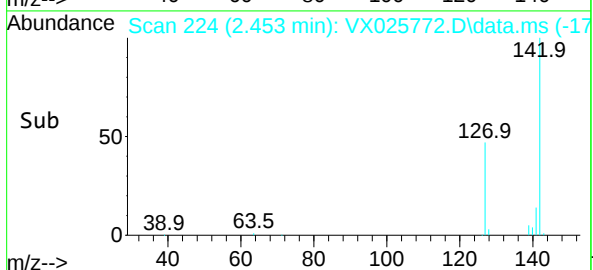
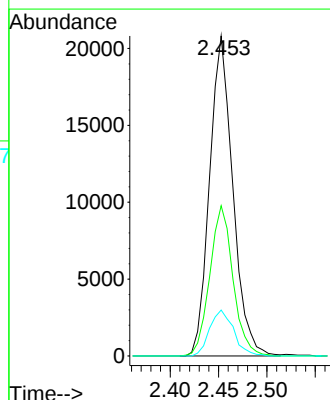
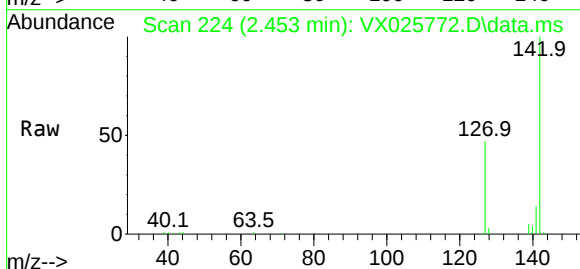
Manual Integrations
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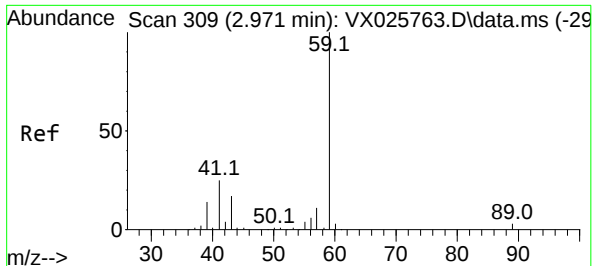
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#10
Methyl Iodide
Concen: 18.885 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15

Tgt Ion:142 Resp: 34831
Ion Ratio Lower Upper
142 100
127 46.8 37.5 56.3
141 14.8 11.4 17.0





#11

Tert butyl alcohol

Concen: 80.431 ug/l

RT: 2.965 min Scan# 309

Delta R.T. -0.006 min

Lab File: VX025772.D

Acq: 14 Dec 2021 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion: 59 Resp: 3155

Ion Ratio Lower Upper

59 100

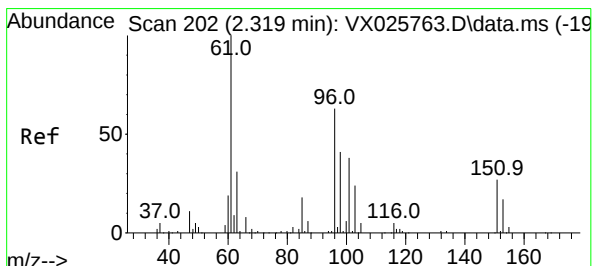
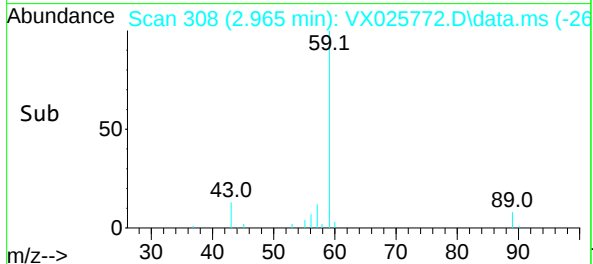
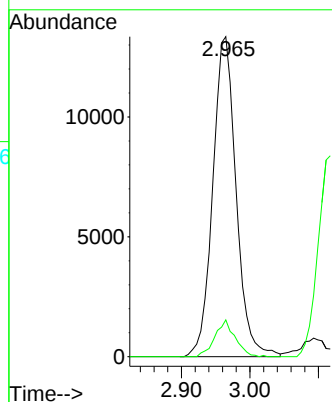
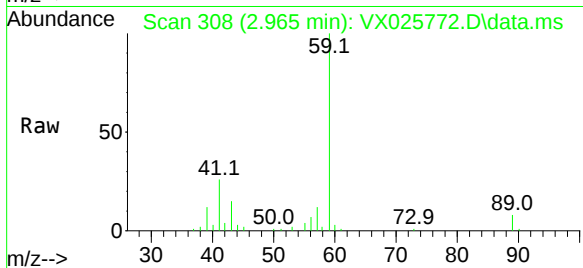
57 9.9 8.2 12.2

Manual Integrations

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Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#12

1,1-Dichloroethene

Concen: 18.316 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX025772.D

Acq: 14 Dec 2021 13:15

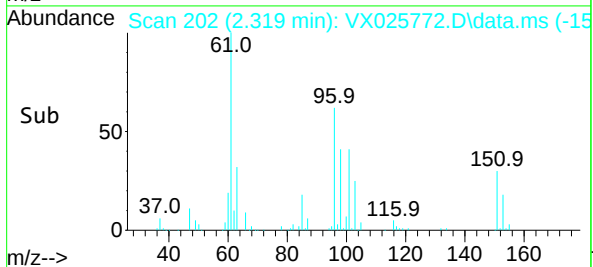
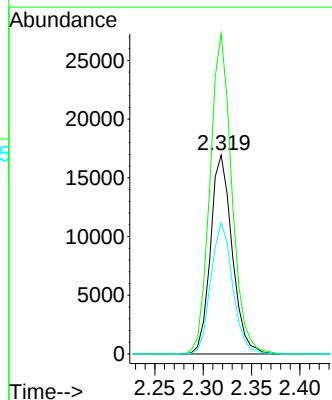
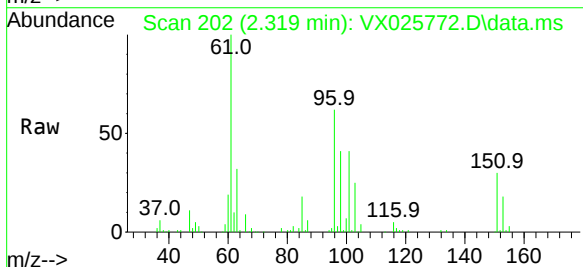
Tgt Ion: 96 Resp: 26361

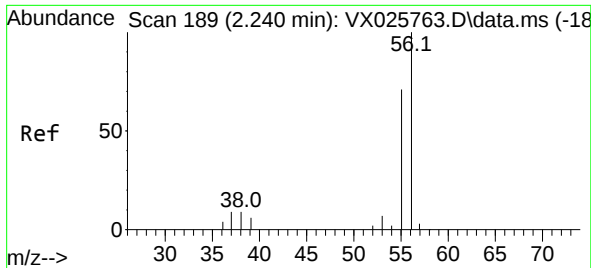
Ion Ratio Lower Upper

96 100

61 160.9 127.5 191.3

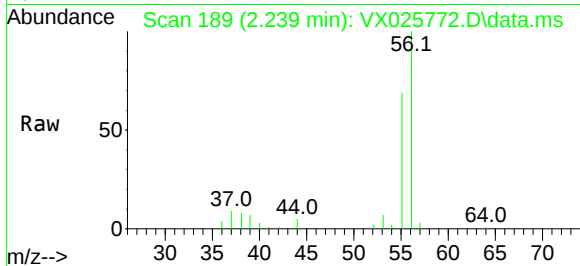
98 66.0 52.0 78.0





#13
Acrolein
Concen: 87.961 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15

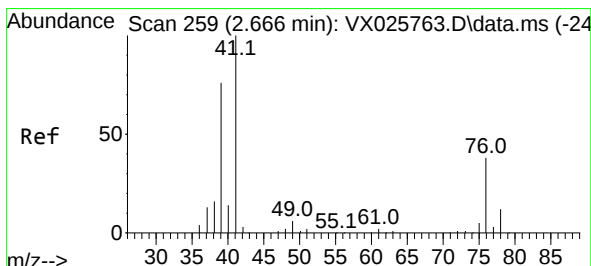
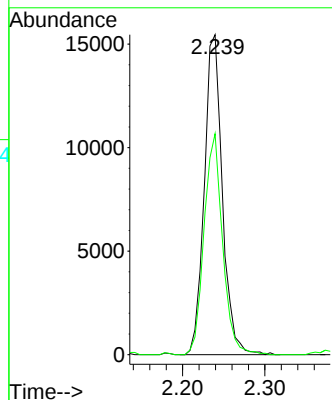
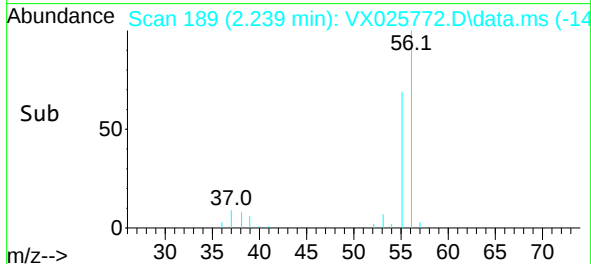
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



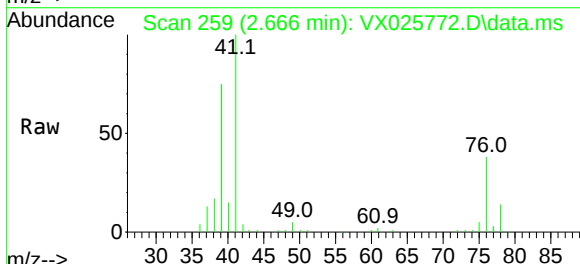
Tgt Ion: 56 Resp: 2359
Ion Ratio Lower Upper
56 100
55 70.9 57.4 86.2

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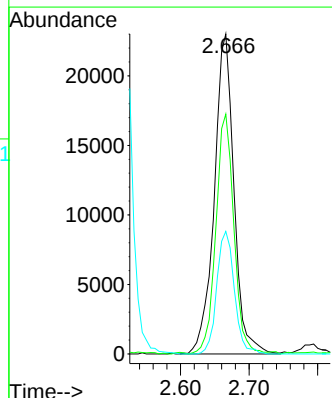
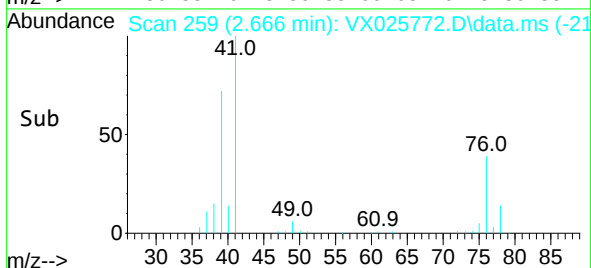
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

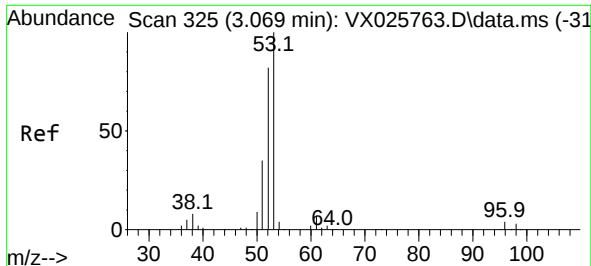


#14
Allyl chloride
Concen: 17.472 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15



Tgt Ion: 41 Resp: 45892
Ion Ratio Lower Upper
41 100
39 68.7 55.4 83.0
76 34.2 27.6 41.4





#15

Acrylonitrile

Concen: 87.232 ug/l

RT: 3.062 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX025772.D

Acq: 14 Dec 2021 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

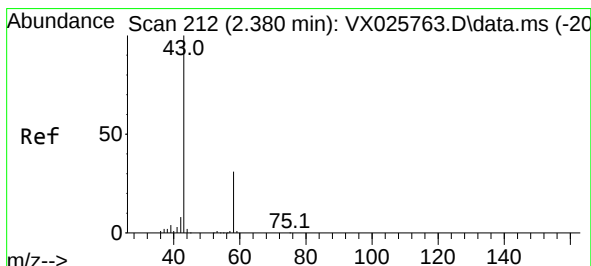
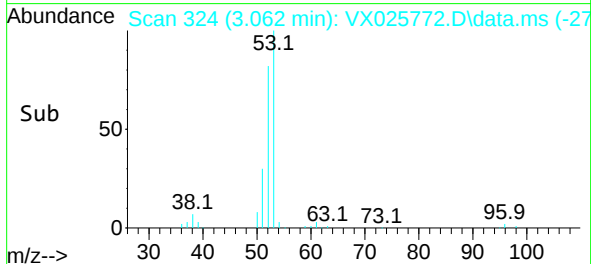
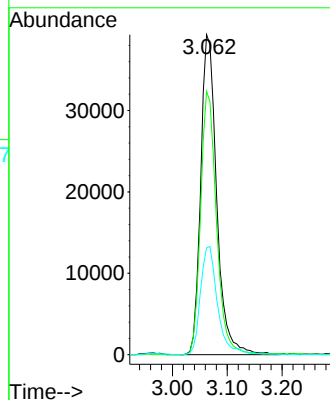
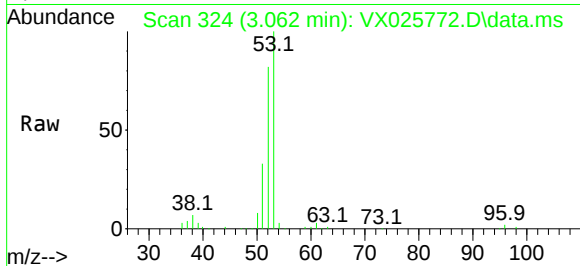
Tgt Ion: 53	Resp: 79904
Ion Ratio	Lower Upper
53 100	
52 81.5	66.2 99.2
51 36.1	29.4 44.0

Manual Integrations

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Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#16

Acetone

Concen: 95.289 ug/l

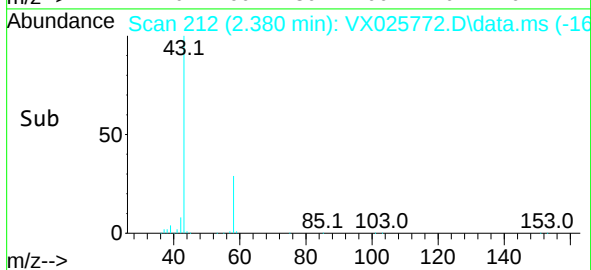
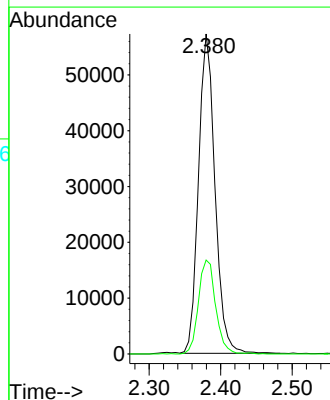
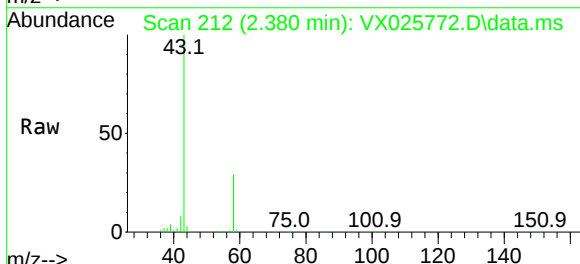
RT: 2.380 min Scan# 212

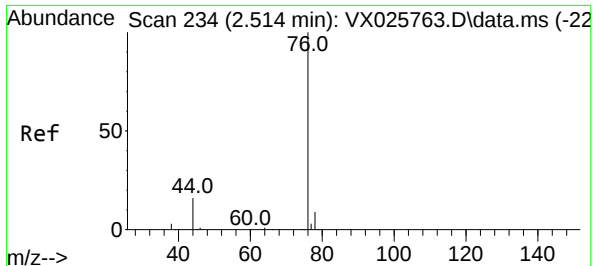
Delta R.T. -0.000 min

Lab File: VX025772.D

Acq: 14 Dec 2021 13:15

Tgt Ion: 43	Resp: 91628
Ion Ratio	Lower Upper
43 100	
58 29.4	24.8 37.2





#17

Carbon Disulfide

Concen: 18.513 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX025772.D

Acq: 14 Dec 2021 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion: 76 Resp: 7632

Ion Ratio Lower Upper

76 100

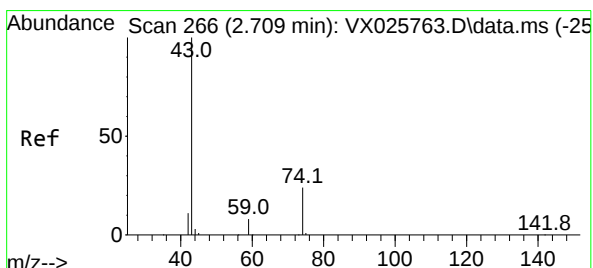
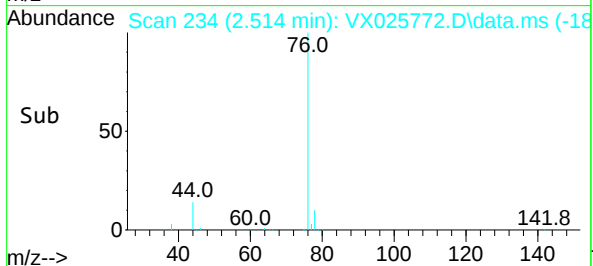
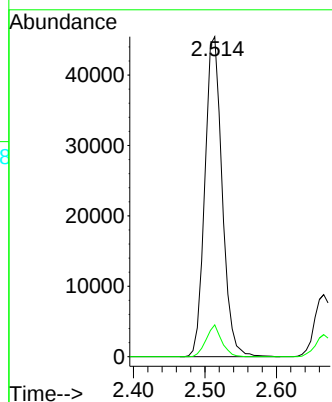
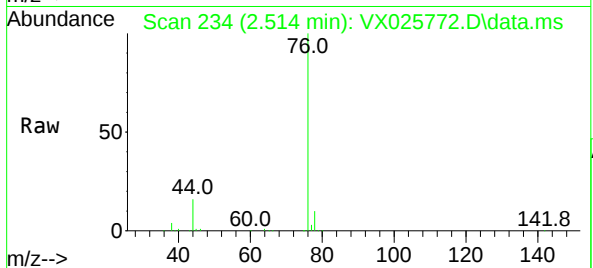
78 10.0 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#18

Methyl Acetate

Concen: 17.266 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.006 min

Lab File: VX025772.D

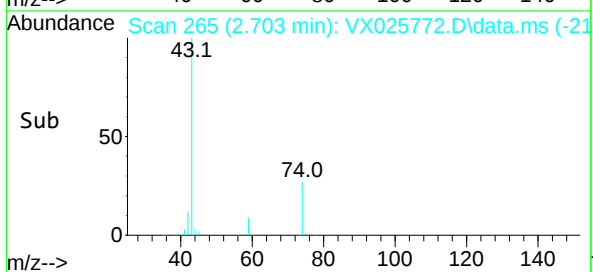
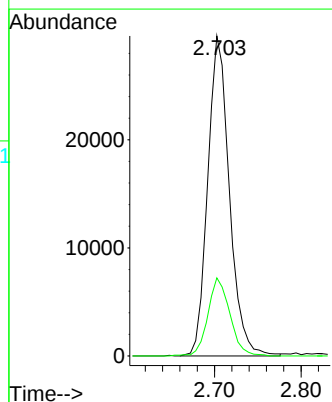
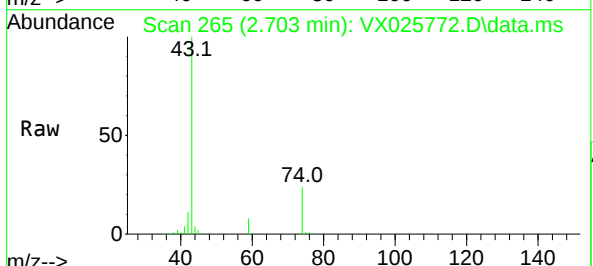
Acq: 14 Dec 2021 13:15

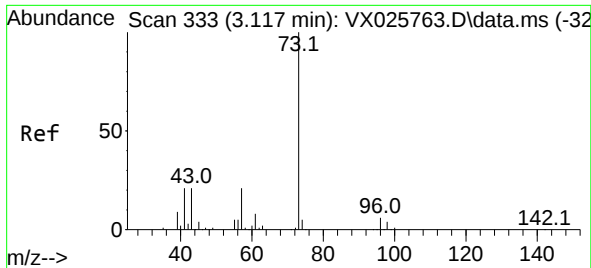
Tgt Ion: 43 Resp: 51475

Ion Ratio Lower Upper

43 100

74 24.8 19.1 28.7





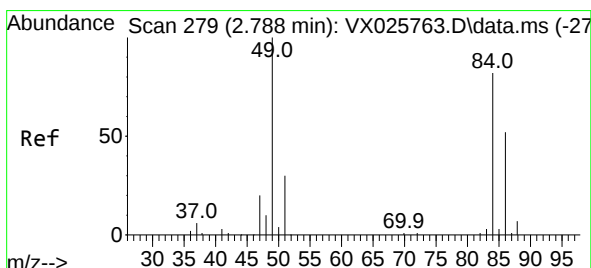
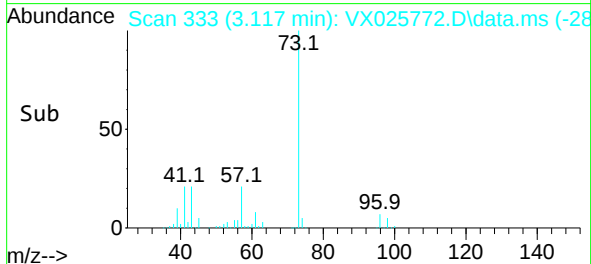
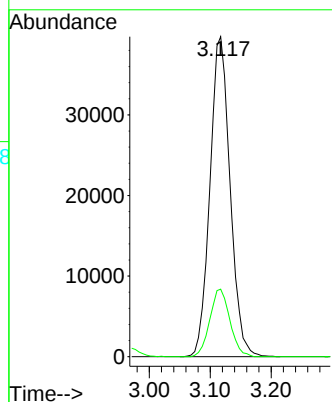
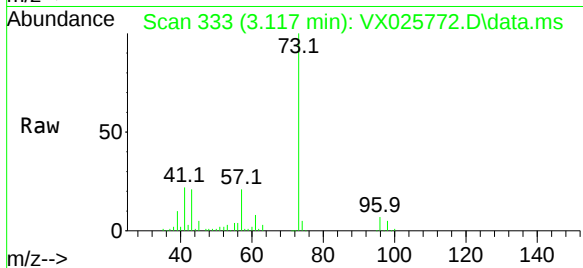
#19
Methyl tert-butyl Ether
Concen: 17.927 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion: 73 Resp: 91130
Ion Ratio Lower Upper
73 100
57 21.1 17.0 25.6

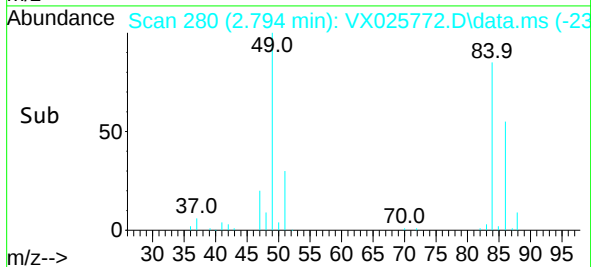
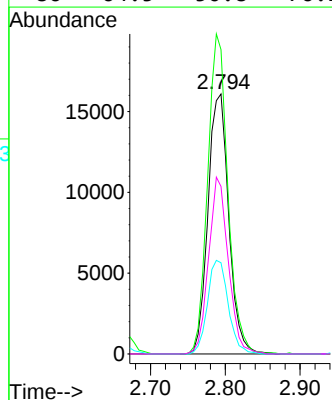
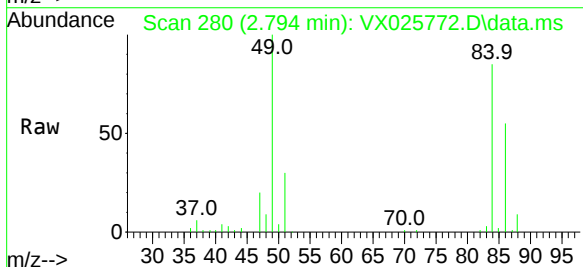
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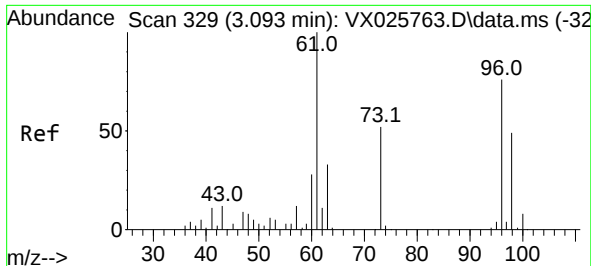
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#20
Methylene Chloride
Concen: 17.019 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15

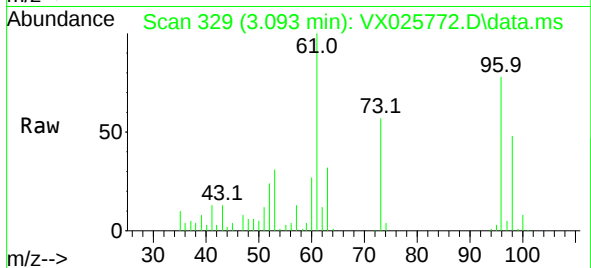
Tgt Ion: 84 Resp: 31143
Ion Ratio Lower Upper
84 100
49 117.1 97.1 145.7
51 35.1 29.3 43.9
86 64.5 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 18.715 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15

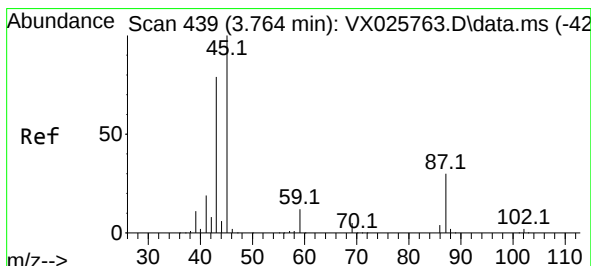
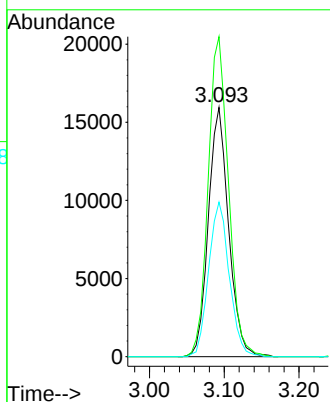
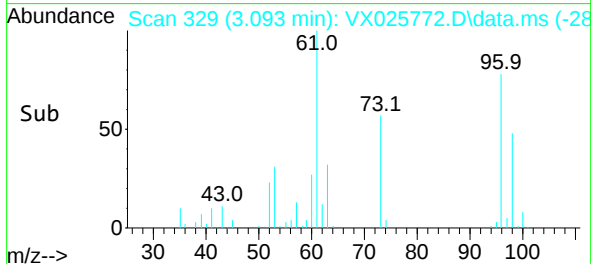
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



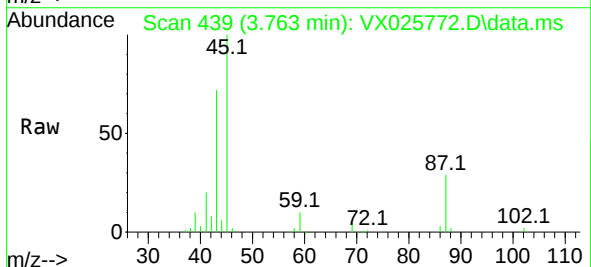
Tgt Ion: 96 Resp: 3005
Ion Ratio Lower Upper
96 100
61 128.3 105.7 158.5
98 62.0 52.1 78.1

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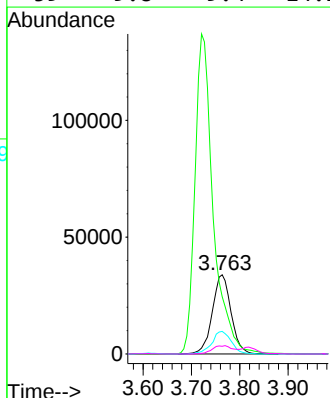
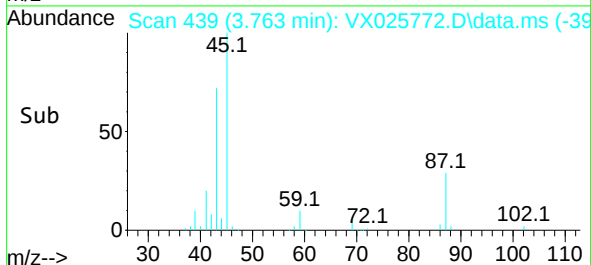
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#22
Diisopropyl ether
Concen: 17.849 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15



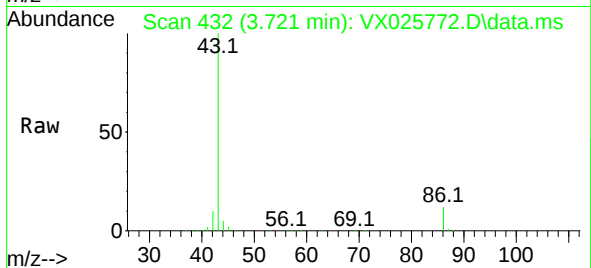
Tgt Ion: 45 Resp: 90942
Ion Ratio Lower Upper
45 100
43 72.1 63.8 95.6
87 28.5 24.2 36.4
59 9.8 9.4 14.2





#23
 Vinyl Acetate
 Concen: 90.938 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX025772.D
 Acq: 14 Dec 2021 13:15

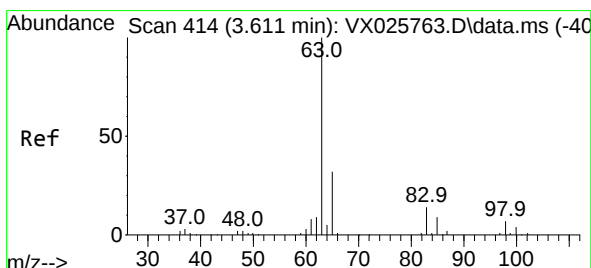
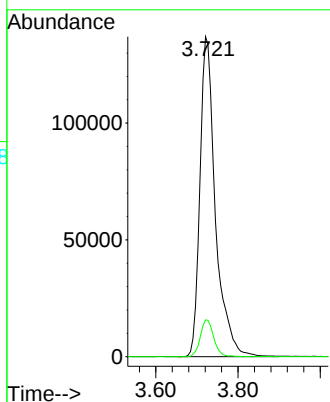
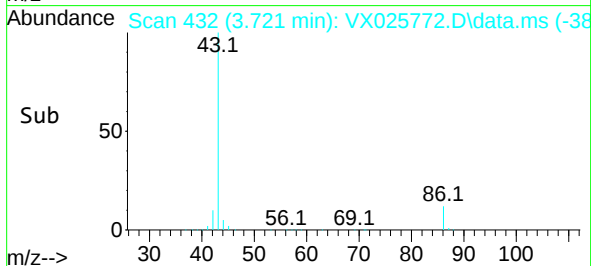
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBS01



Tgt Ion: 43 Resp: 35854
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.0 13.6

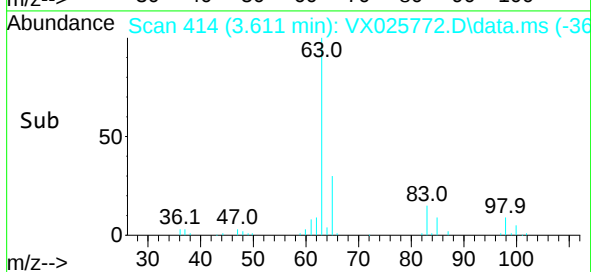
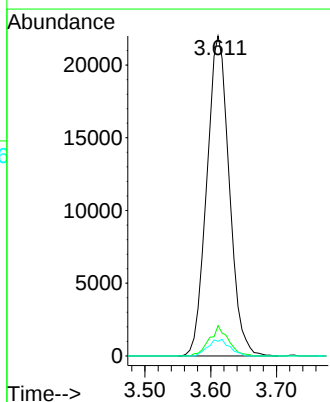
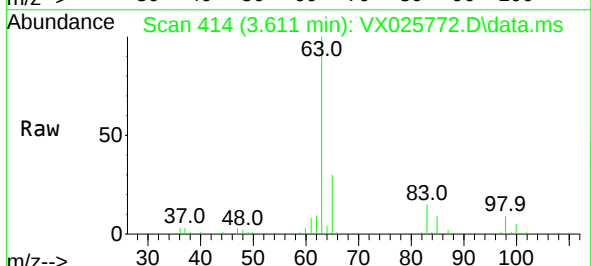
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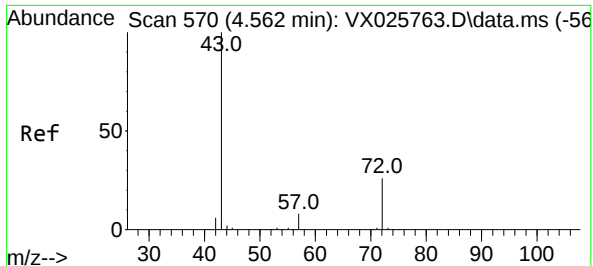
Reviewed By :John Carlone 12/15/2021
 Supervised By :Mahesh Dadoda 12/21/2021



#24
 1,1-Dichloroethane
 Concen: 17.983 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX025772.D
 Acq: 14 Dec 2021 13:15

Tgt Ion: 63 Resp: 52317
 Ion Ratio Lower Upper
 63 100
 98 9.5 3.3 9.9
 100 4.6 2.2 6.6





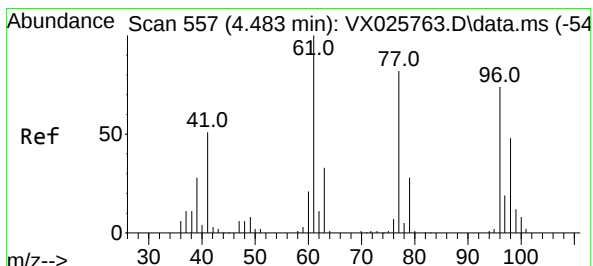
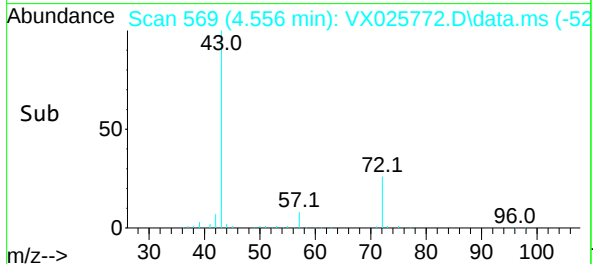
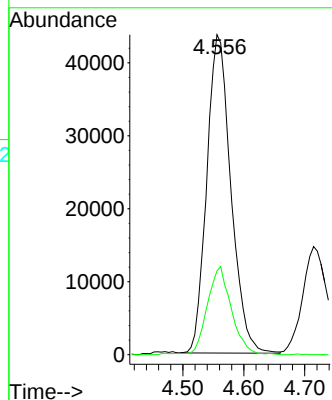
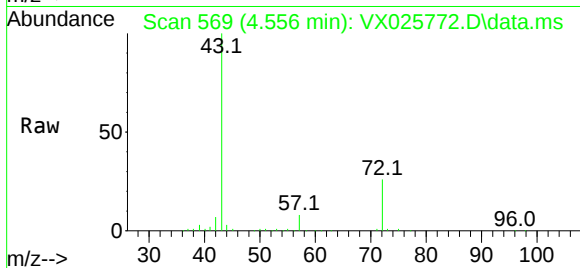
#25
2-Butanone
Concen: 91.165 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion: 43 Resp: 11993
Ion Ratio Lower Upper
43 100
72 26.4 21.0 31.4

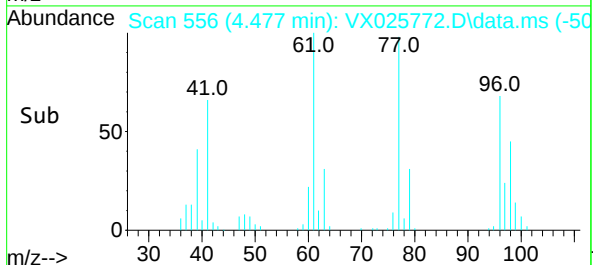
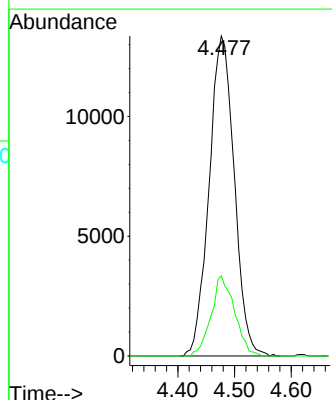
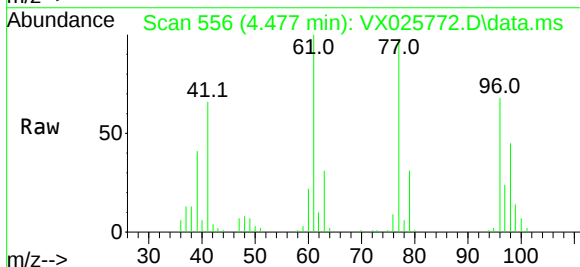
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#26
2,2-Dichloropropane
Concen: 18.644 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15

Tgt Ion: 77 Resp: 41140
Ion Ratio Lower Upper
77 100
97 23.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 18.316 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX025772.D

Acq: 14 Dec 2021 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion: 96 Resp: 3488

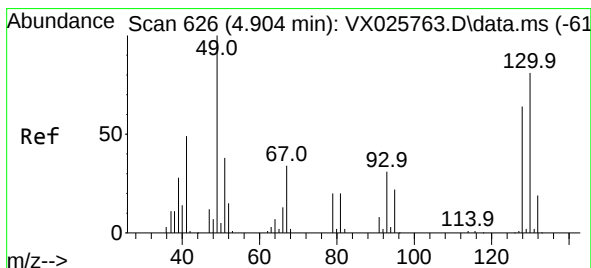
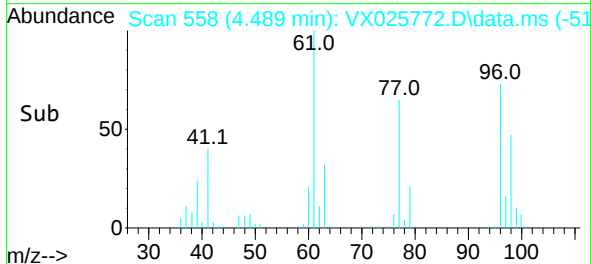
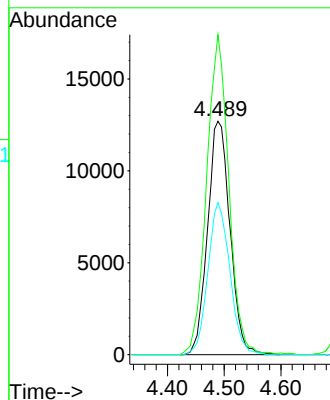
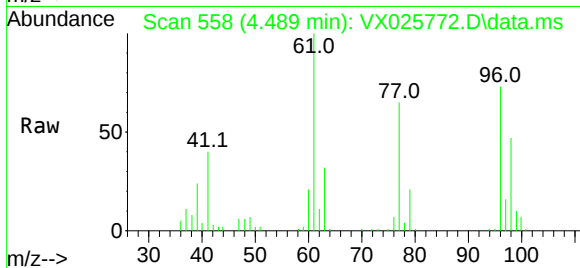
Ion	Ratio	Lower	Upper
96	100		
61	135.3	0.0	276.8
98	64.0	0.0	130.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#28

Bromochloromethane

Concen: 16.452 ug/l

RT: 4.903 min Scan# 626

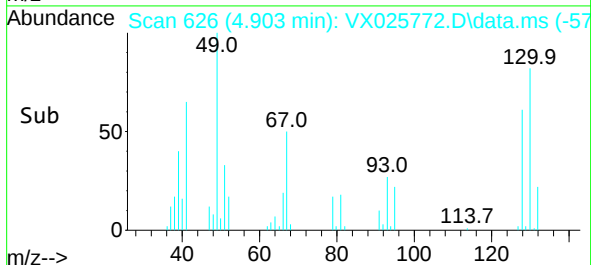
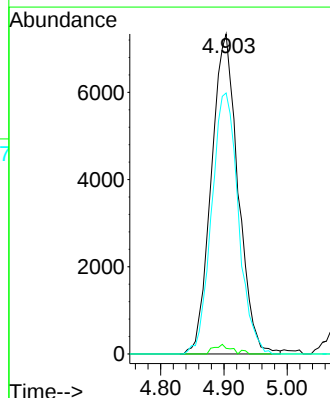
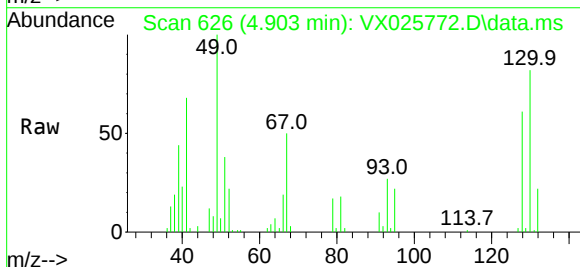
Delta R.T. -0.000 min

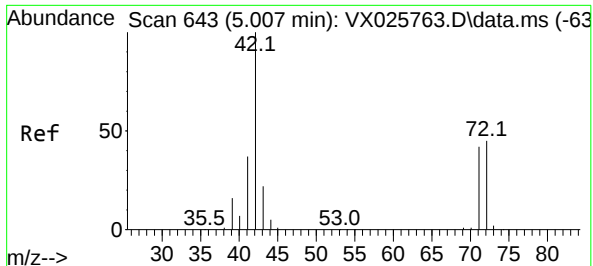
Lab File: VX025772.D

Acq: 14 Dec 2021 13:15

Tgt Ion: 49 Resp: 21569

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.4
130	81.4	67.1	100.7





#29

Tetrahydrofuran

Concen: 85.625 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.000 min

Lab File: VX025772.D

Acq: 14 Dec 2021 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

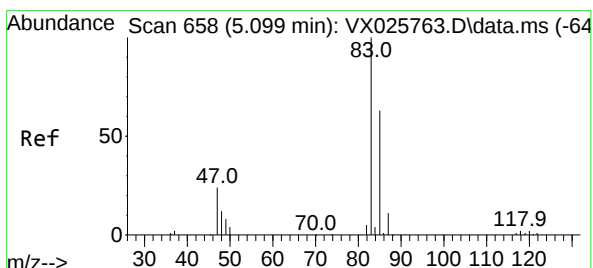
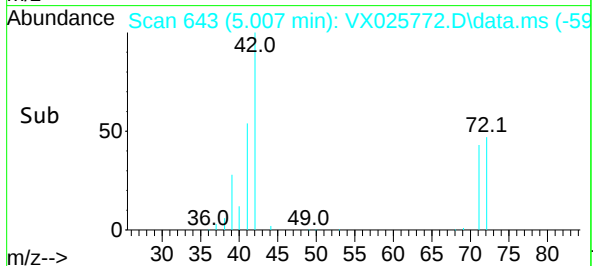
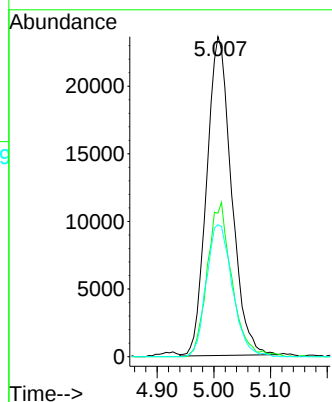
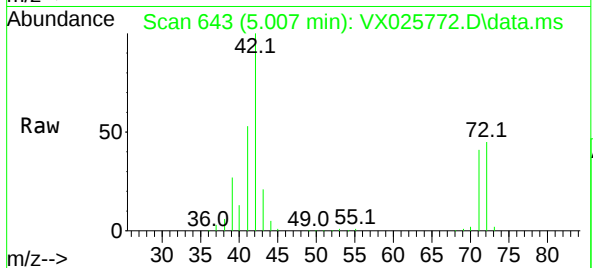
Tgt Ion:	42	Resp:	7162
Ion	Ratio	Lower	Upper
42	100		
72	47.7	37.0	55.6
71	43.5	34.1	51.1

Manual Integrations

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Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#30

Chloroform

Concen: 17.718 ug/l

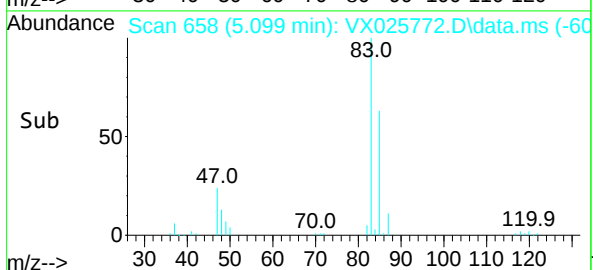
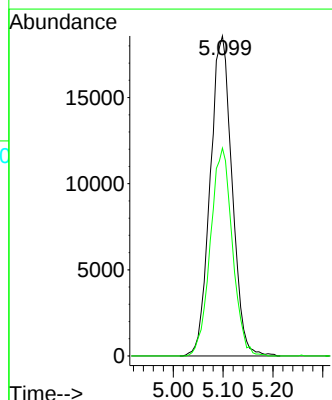
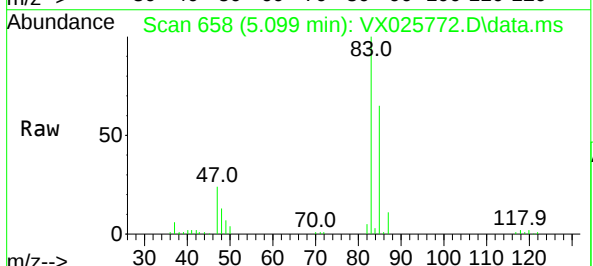
RT: 5.099 min Scan# 658

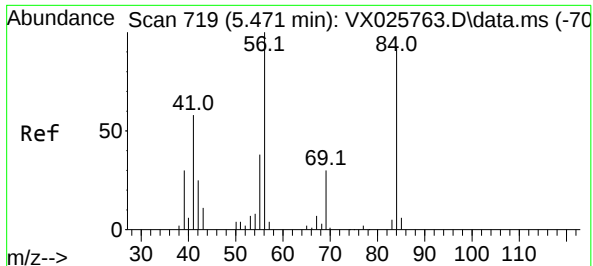
Delta R.T. -0.000 min

Lab File: VX025772.D

Acq: 14 Dec 2021 13:15

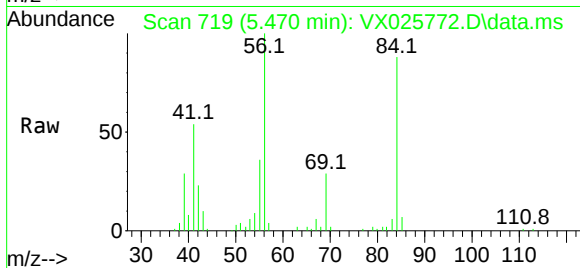
Tgt Ion:	83	Resp:	56531
Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.6	75.8





#31
Cyclohexane
Concen: 20.492 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15

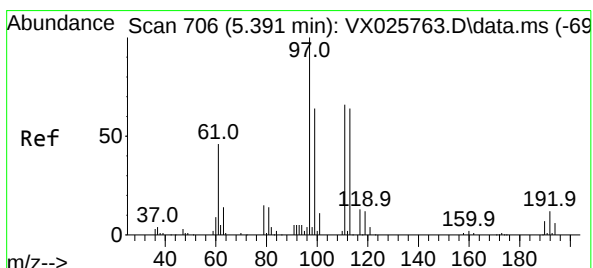
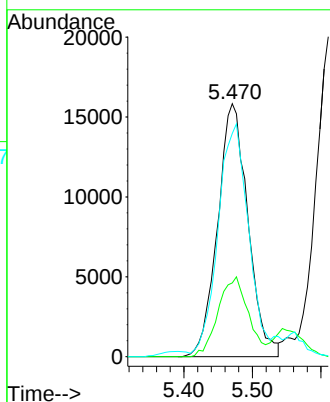
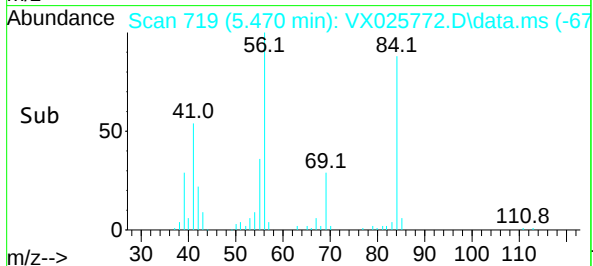
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



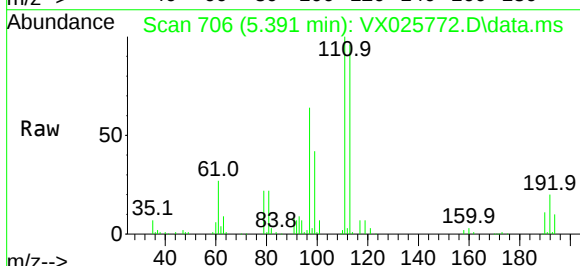
Tgt Ion: 56 Resp: 48740
Ion Ratio Lower Upper
56 100
69 29.2 23.9 35.9
84 86.1 73.2 109.8

Manual Integrations
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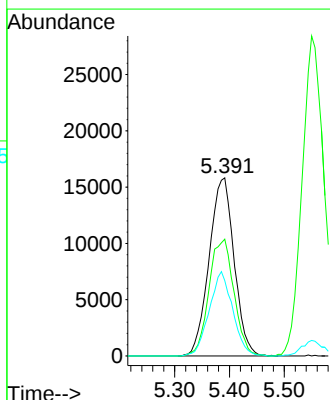
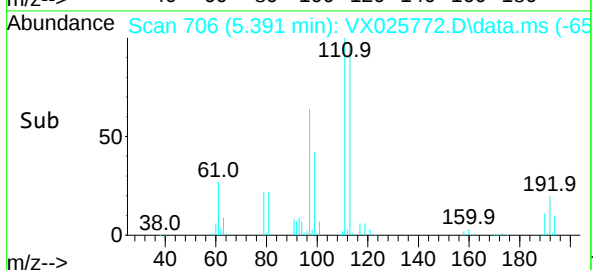
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

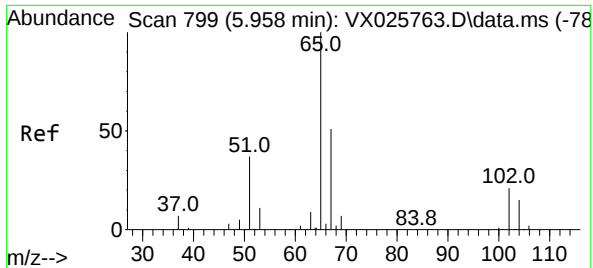


#32
1,1,1-Trichloroethane
Concen: 18.051 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15



Tgt Ion: 97 Resp: 50126
Ion Ratio Lower Upper
97 100
99 65.6 51.5 77.3
61 44.5 35.5 53.3





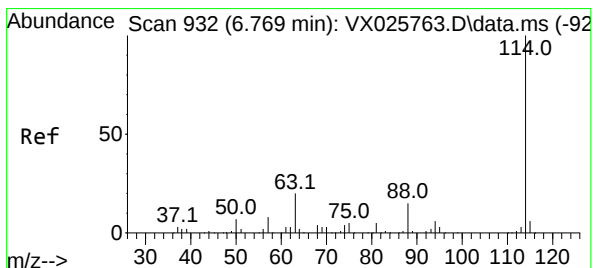
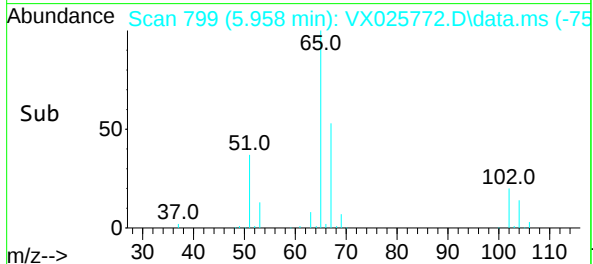
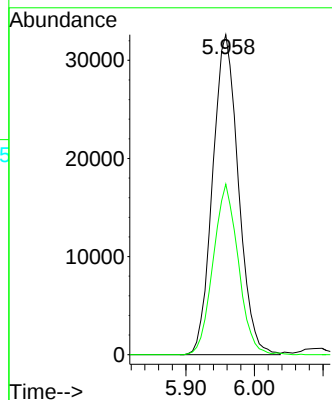
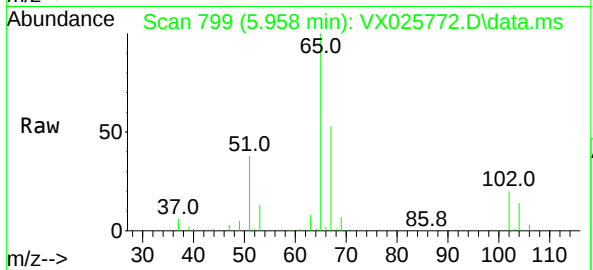
#33
1,2-Dichloroethane-d4
Concen: 43.507 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion: 65 Resp: 8510
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.4

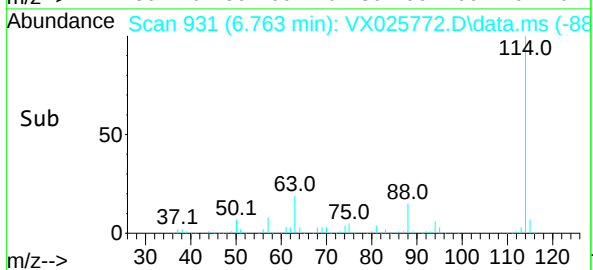
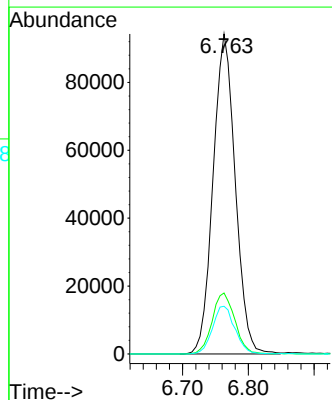
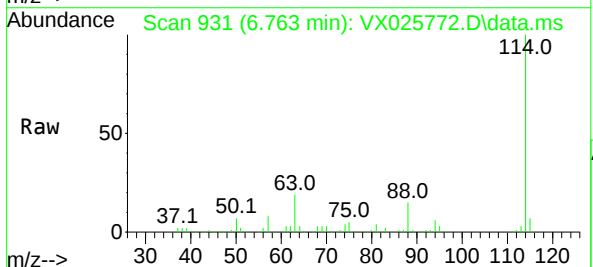
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15

Tgt Ion:114 Resp: 221115
Ion Ratio Lower Upper
114 100
63 19.0 0.0 40.0
88 14.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 46.213 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX025772.D

Acq: 14 Dec 2021 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

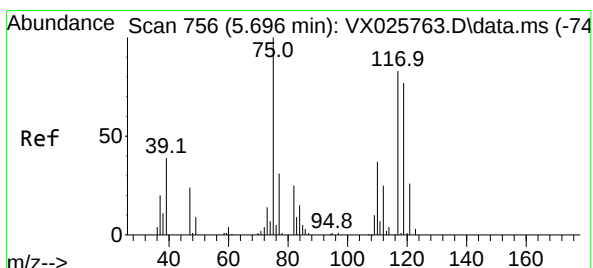
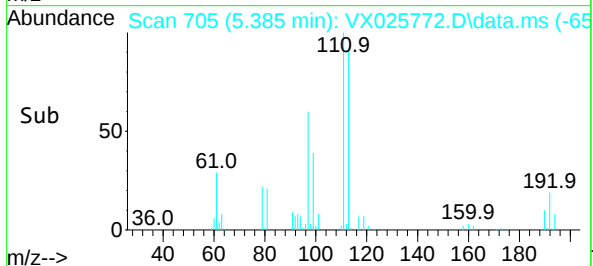
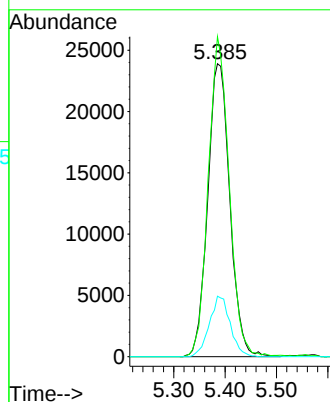
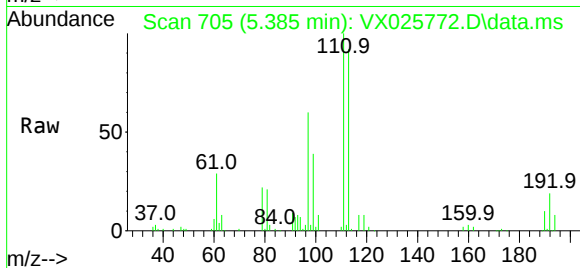
Tgt Ion:	113	Resp:	71264
Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.8	122.8
192	19.5	15.0	22.4

Manual Integrations

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Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#36

1,1-Dichloropropene

Concen: 19.521 ug/l

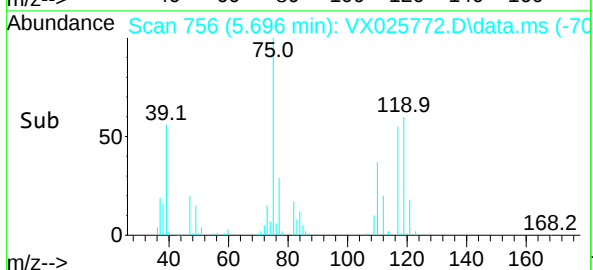
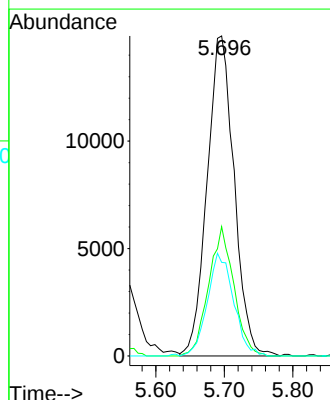
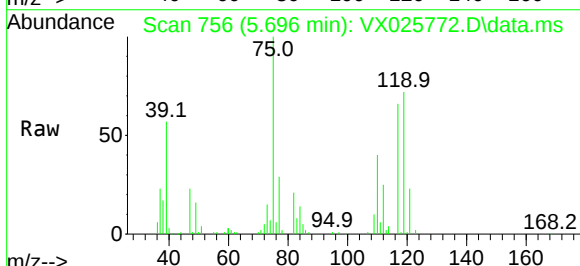
RT: 5.696 min Scan# 756

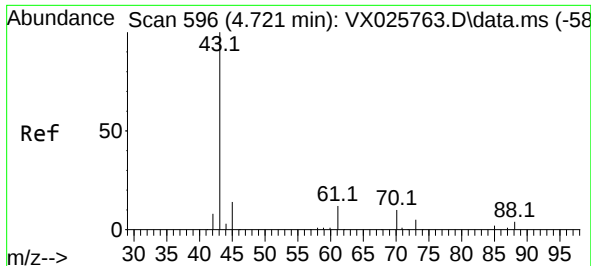
Delta R.T. -0.000 min

Lab File: VX025772.D

Acq: 14 Dec 2021 13:15

Tgt Ion:	75	Resp:	40822
Ion	Ratio	Lower	Upper
75	100		
110	37.6	18.2	54.6
77	31.0	24.7	37.1





#37

Ethyl Acetate

Concen: 18.343 ug/l

RT: 4.715 min Scan# 596

Delta R.T. -0.006 min

Lab File: VX025772.D

Acq: 14 Dec 2021 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion: 43 Resp: 42619

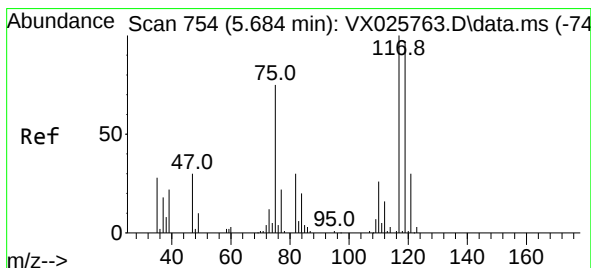
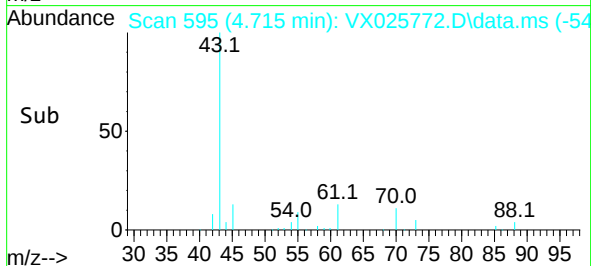
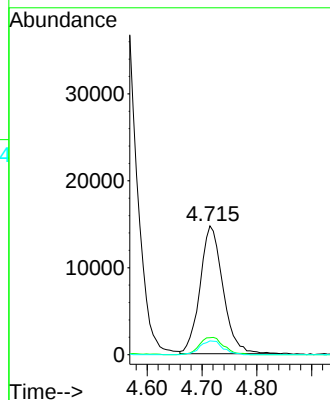
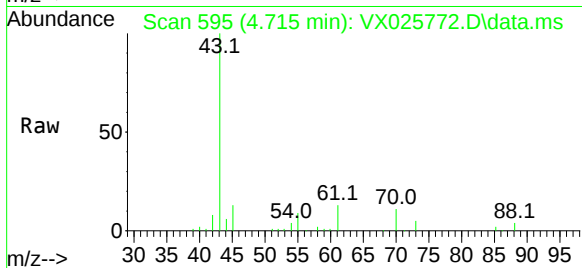
Ion	Ratio	Lower	Upper
43	100		
61	14.4	10.7	16.1
70	10.8	8.5	12.7

Manual Integrations

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Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#38

Carbon Tetrachloride

Concen: 18.706 ug/l

RT: 5.684 min Scan# 754

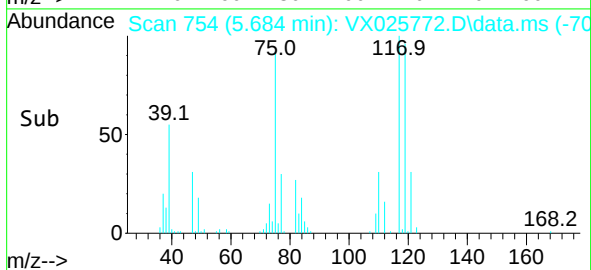
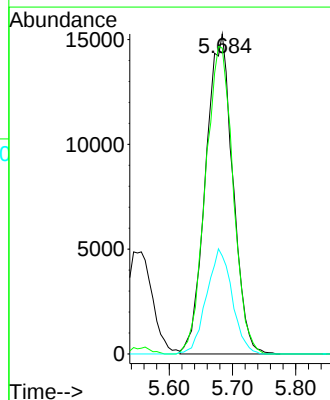
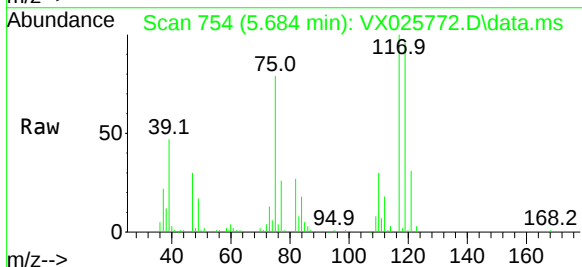
Delta R.T. -0.000 min

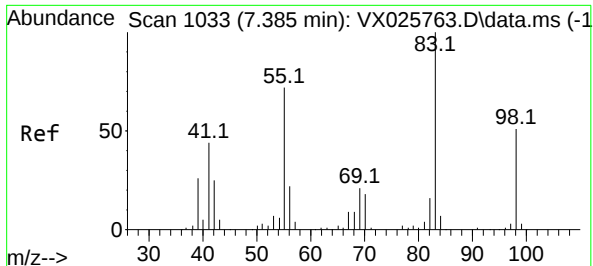
Lab File: VX025772.D

Acq: 14 Dec 2021 13:15

Tgt Ion:117 Resp: 45516

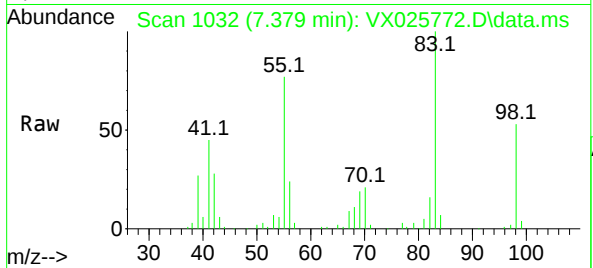
Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.2	115.8
121	30.6	23.8	35.8





#39
Methylcyclohexane
Concen: 21.866 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15

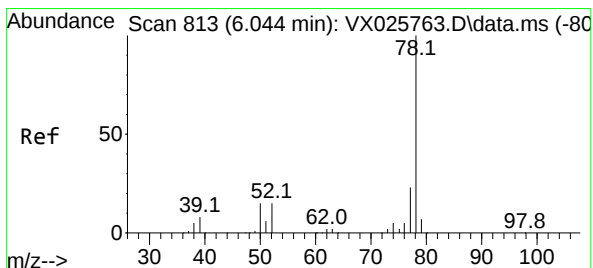
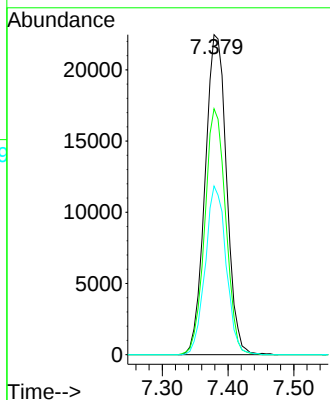
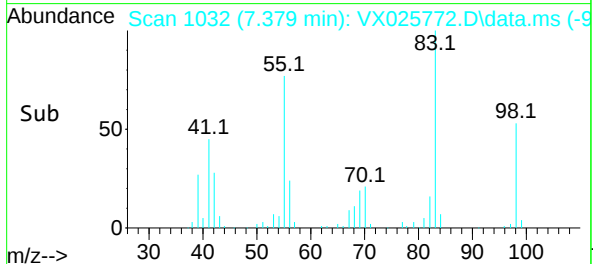
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



Tgt Ion: 83 Resp: 51164
Ion Ratio Lower Upper
83 100
55 76.9 57.8 86.8
98 52.7 40.5 60.7

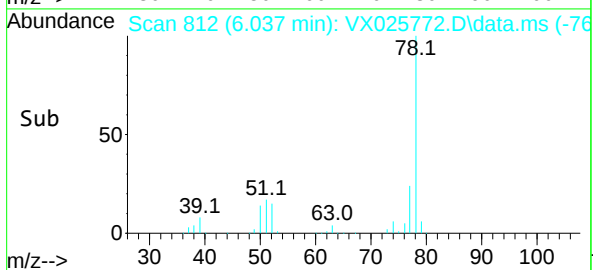
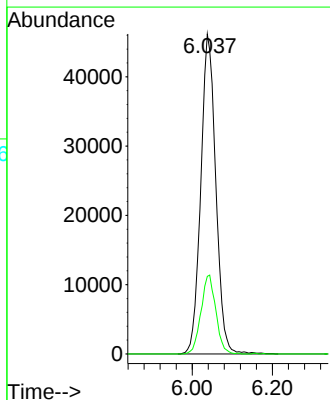
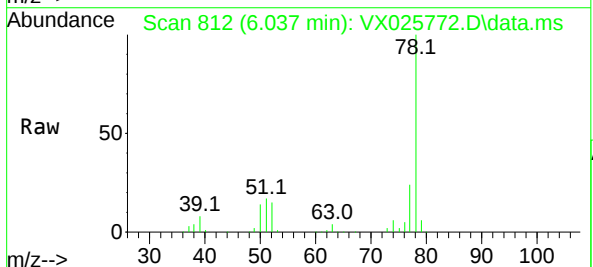
Manual Integrations
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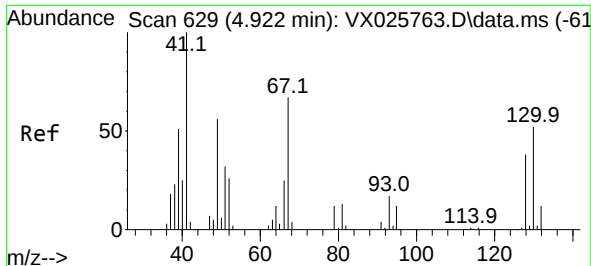
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#40
Benzene
Concen: 19.261 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15

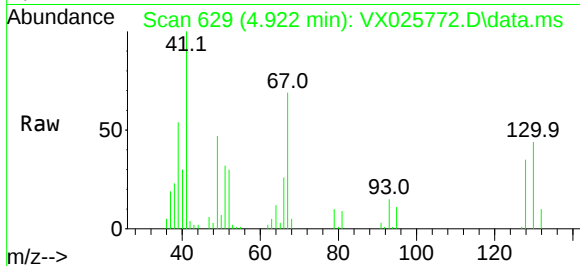
Tgt Ion: 78 Resp: 120154
Ion Ratio Lower Upper
78 100
77 24.2 18.6 27.8





#41
Methacrylonitrile
Concen: 17.815 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15

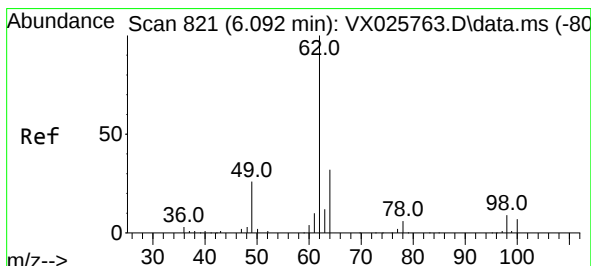
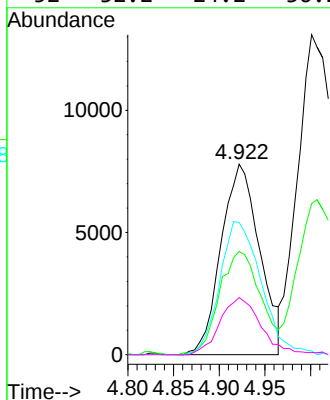
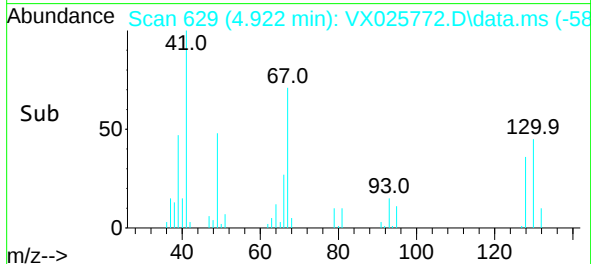
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



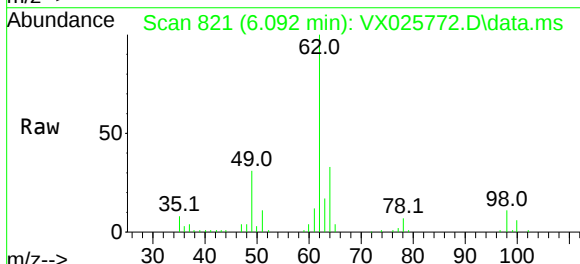
Tgt Ion: 41 Resp: 2290
Ion Ratio Lower Upper
41 100
39 57.9 44.2 66.2
67 74.8 59.7 89.5
52 32.2 24.2 36.2

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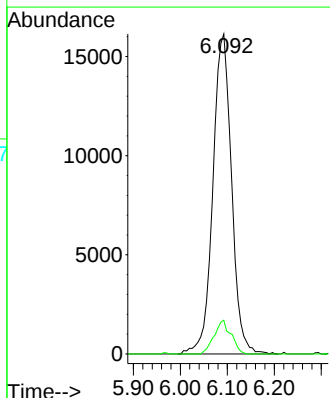
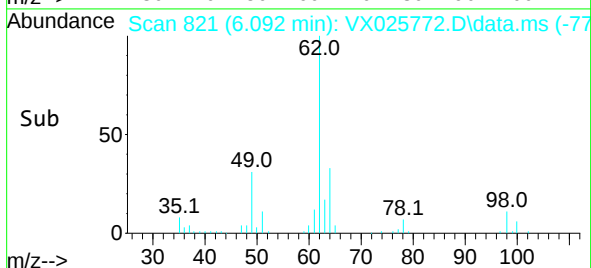
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

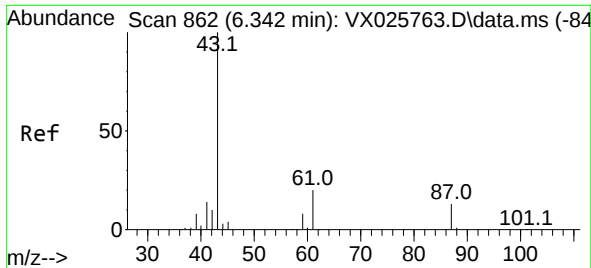


#42
1,2-Dichloroethane
Concen: 18.822 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15



Tgt Ion: 62 Resp: 44625
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.8





#43

Isopropyl Acetate

Concen: 18.229 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX025772.D

Acq: 14 Dec 2021 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

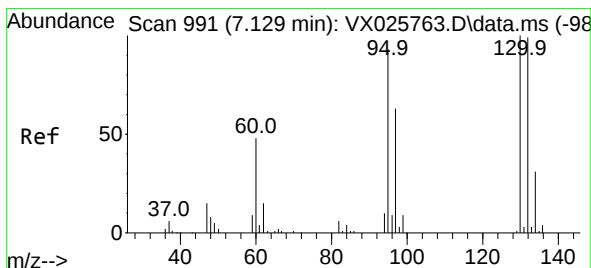
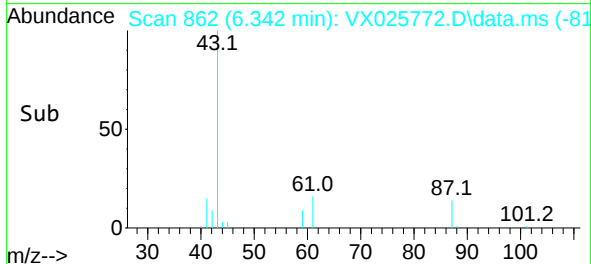
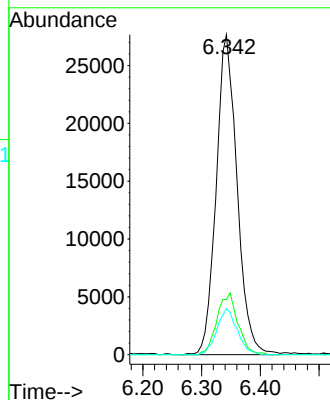
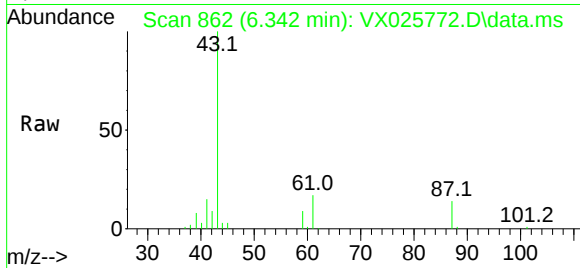
Tgt Ion: 43	Resp: 68230
Ion Ratio	Lower Upper
43 100	
61 19.4	15.7 23.5
87 13.9	11.2 16.8

Manual Integrations

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Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#44

Trichloroethene

Concen: 20.128 ug/l

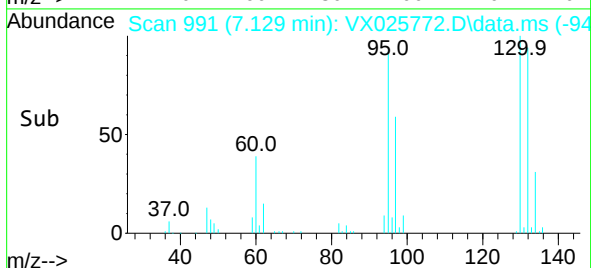
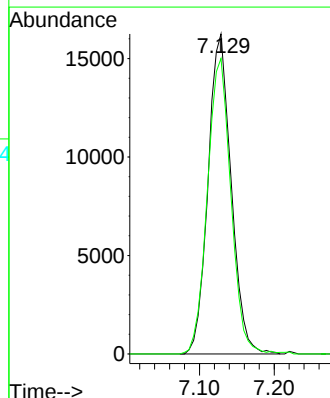
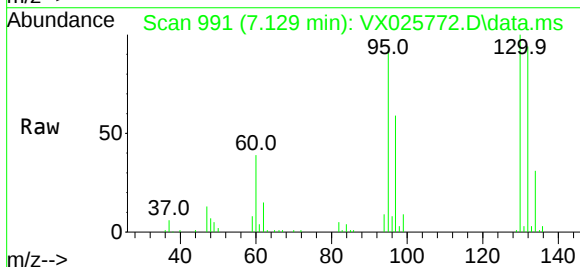
RT: 7.129 min Scan# 991

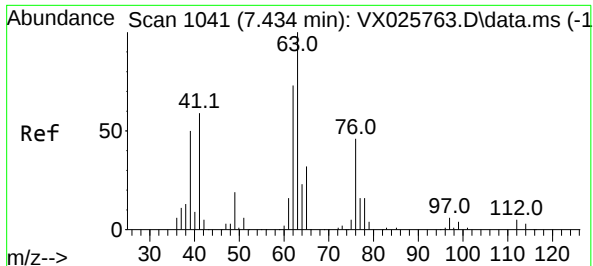
Delta R.T. -0.000 min

Lab File: VX025772.D

Acq: 14 Dec 2021 13:15

Tgt Ion:130	Resp: 34956
Ion Ratio	Lower Upper
130 100	
95 92.3	0.0 186.4





#45

1,2-Dichloropropane

Concen: 18.788 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX025772.D

Acq: 14 Dec 2021 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion: 63 Resp: 2954

Ion Ratio Lower Upper

63 100

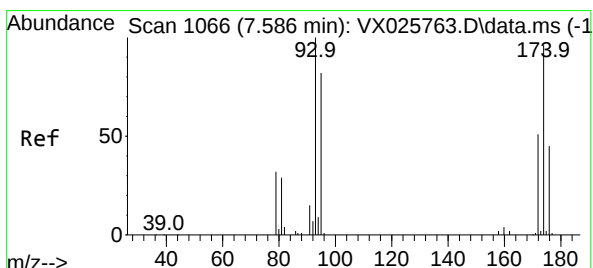
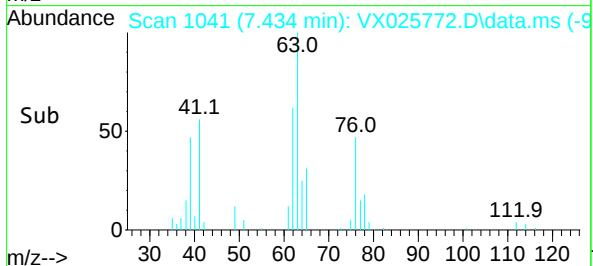
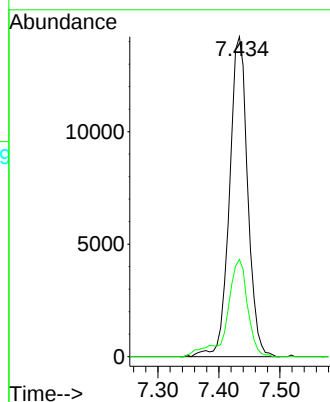
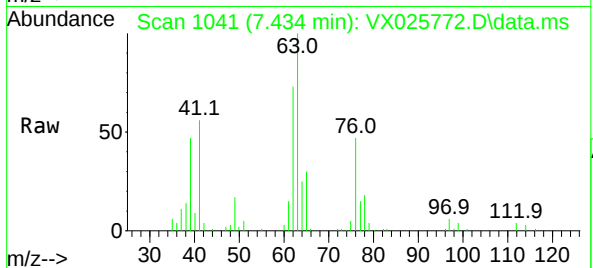
65 30.4 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#46

Dibromomethane

Concen: 18.775 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX025772.D

Acq: 14 Dec 2021 13:15

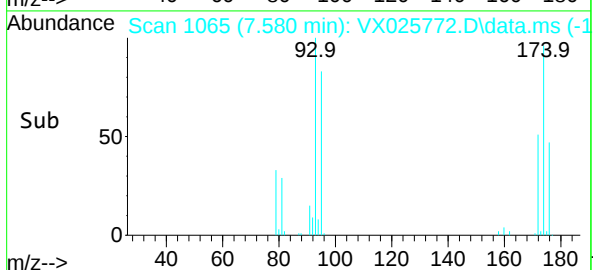
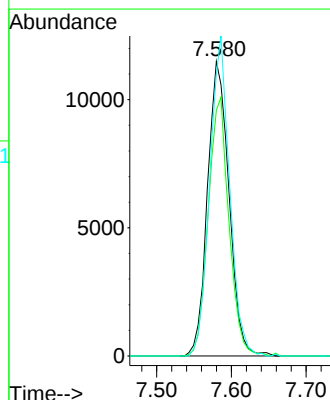
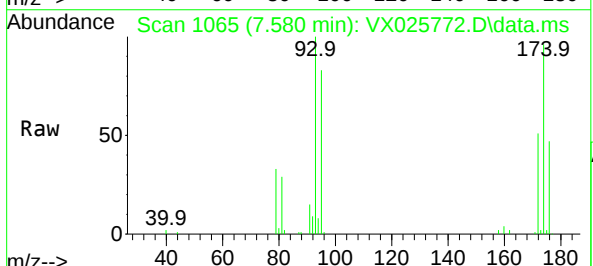
Tgt Ion: 93 Resp: 22982

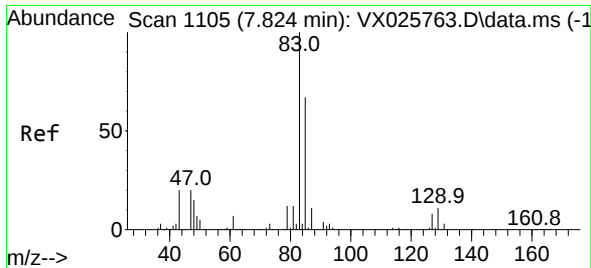
Ion Ratio Lower Upper

93 100

95 84.4 66.6 100.0

174 100.4 77.3 115.9





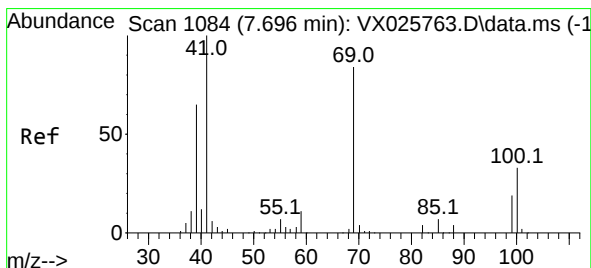
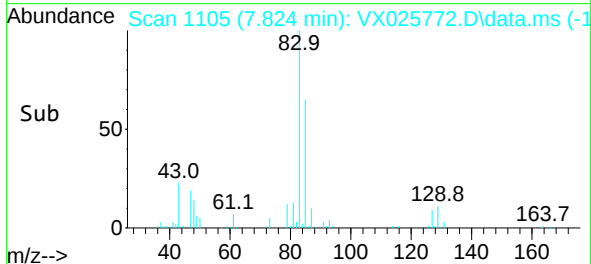
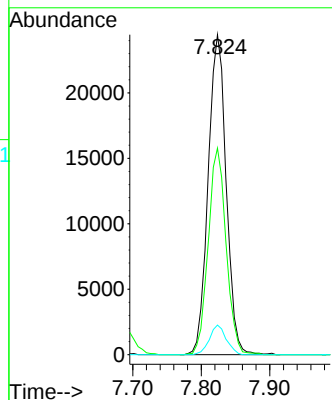
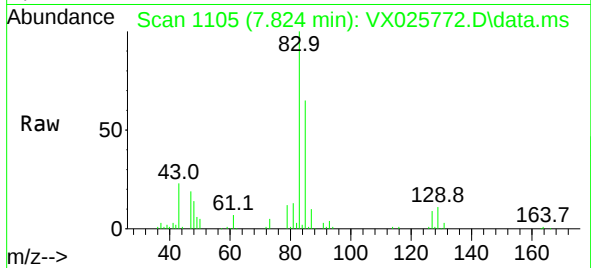
#47
Bromodichloromethane
Concen: 18.583 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion: 83 Resp: 4483
Ion Ratio Lower Upper
83 100
85 64.5 53.5 80.3
127 9.3 6.6 10.0

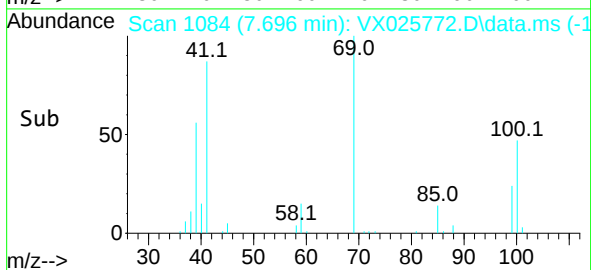
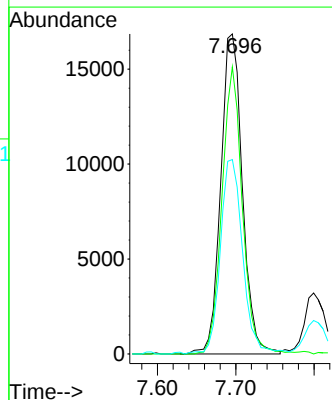
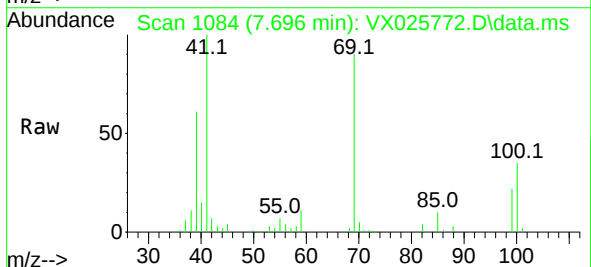
Manual Integrations
APPROVED

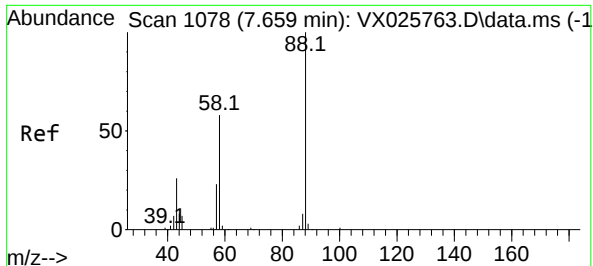
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#48
Methyl methacrylate
Concen: 18.396 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15

Tgt Ion: 41 Resp: 32427
Ion Ratio Lower Upper
41 100
69 84.4 67.3 100.9
39 62.6 50.2 75.2





#49

1,4-Dioxane

Concen: 353.898 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.000 min

Lab File: VX025772.D

Acq: 14 Dec 2021 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

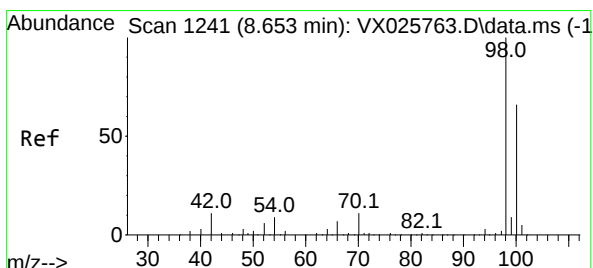
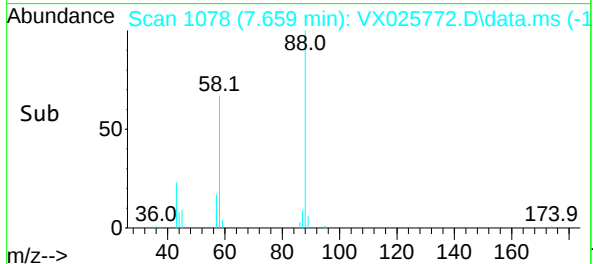
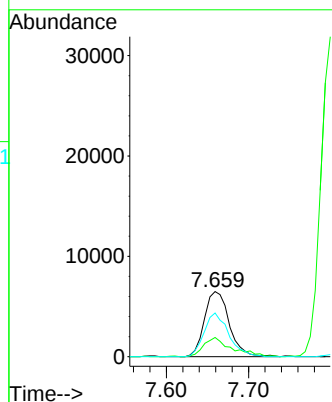
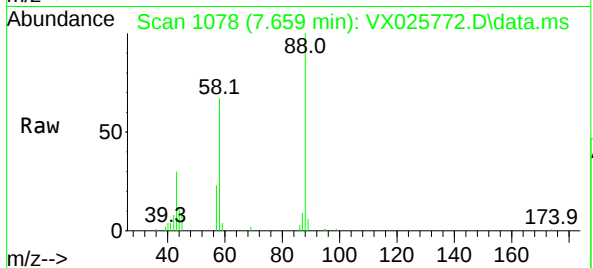
Tgt Ion: 88	Resp: 13619
Ion Ratio	Lower Upper
88 100	
43 33.4	25.3 37.9
58 66.6	51.8 77.6

Manual Integrations

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Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#50

Toluene-d8

Concen: 48.001 ug/l

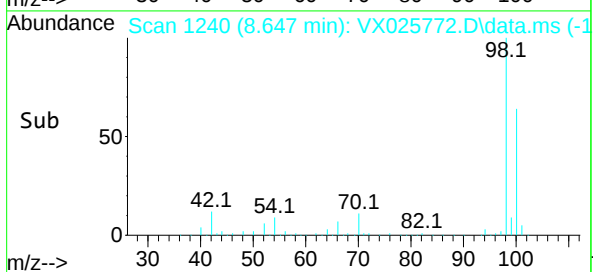
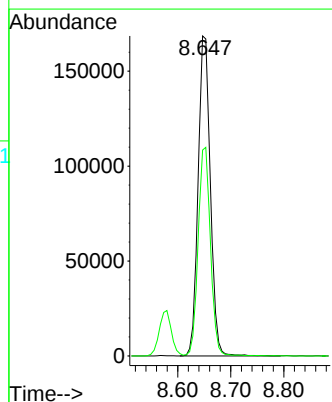
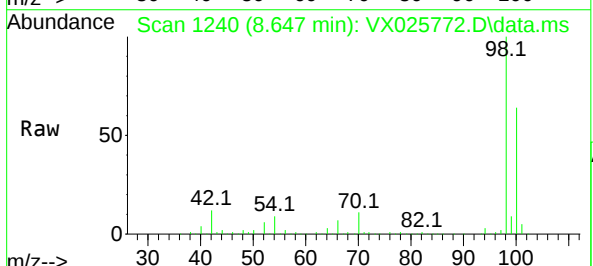
RT: 8.647 min Scan# 1240

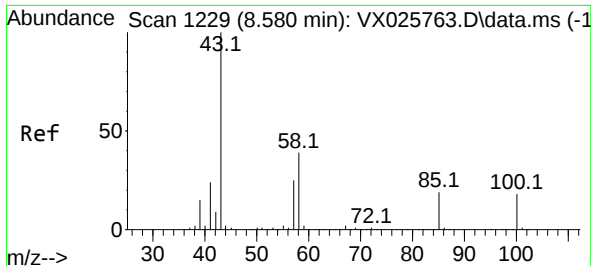
Delta R.T. -0.006 min

Lab File: VX025772.D

Acq: 14 Dec 2021 13:15

Tgt Ion: 98	Resp: 269698
Ion Ratio	Lower Upper
98 100	
100 65.5	52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 91.636 ug/l

RT: 8.574 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX025772.D

Acq: 14 Dec 2021 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion: 43 Resp: 22454

Ion Ratio Lower Upper

43 100

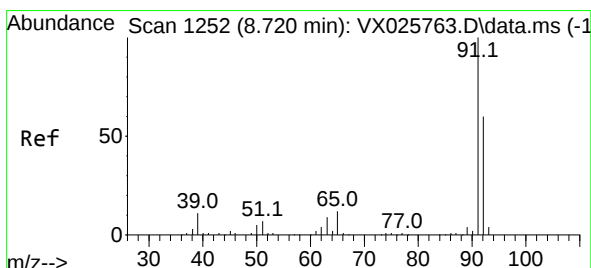
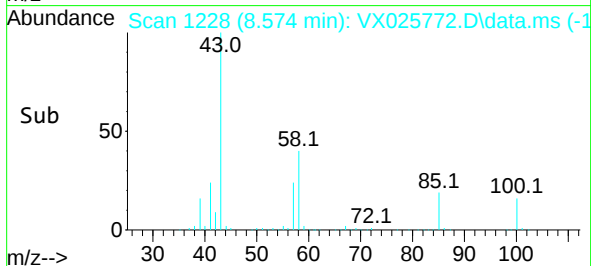
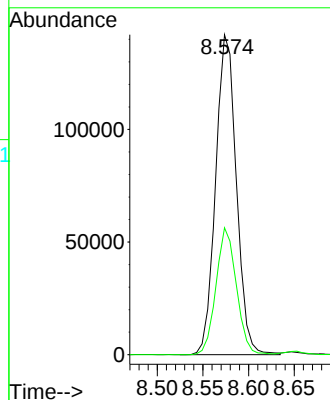
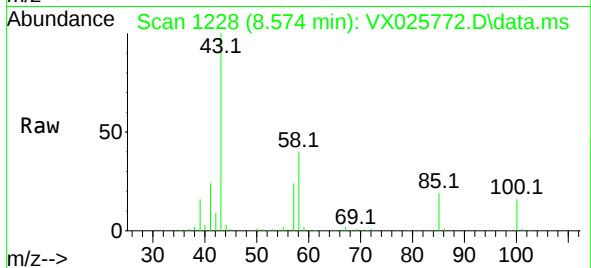
58 39.0 30.8 46.2

Manual Integrations

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Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#52

Toluene

Concen: 20.079 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX025772.D

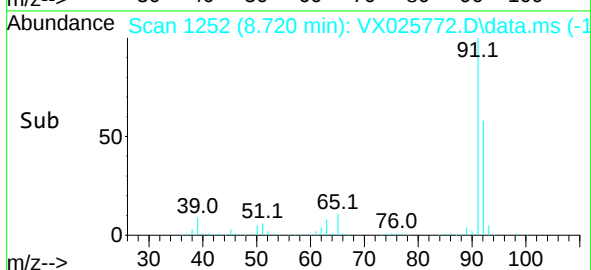
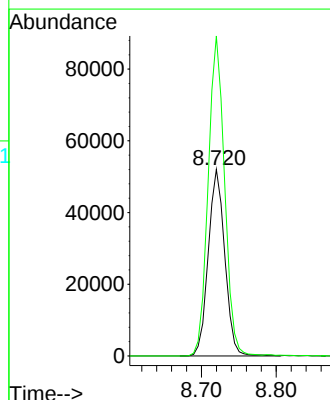
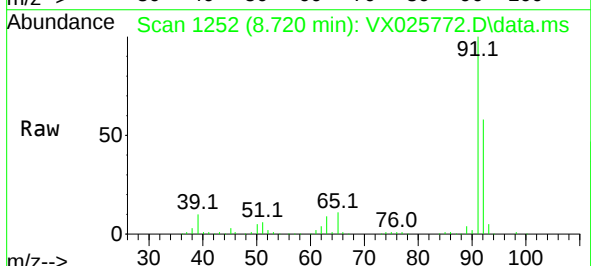
Acq: 14 Dec 2021 13:15

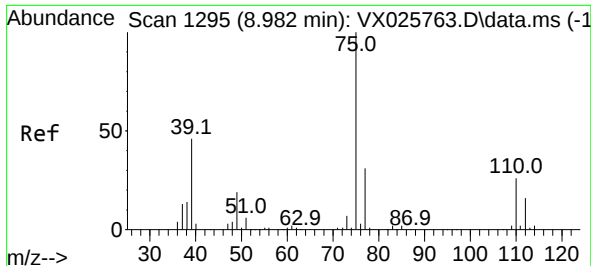
Tgt Ion: 92 Resp: 79811

Ion Ratio Lower Upper

92 100

91 170.8 136.0 204.0





#53

t-1,3-Dichloropropene

Concen: 18.380 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VX025772.D

Acq: 14 Dec 2021 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion: 75 Resp: 4226

Ion Ratio Lower Upper

75 100

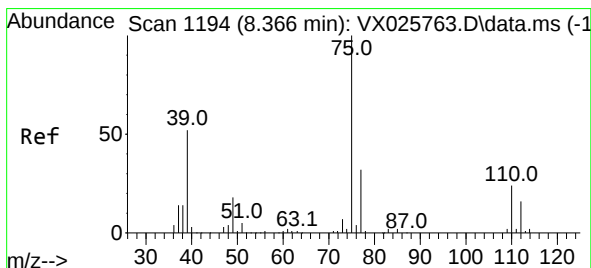
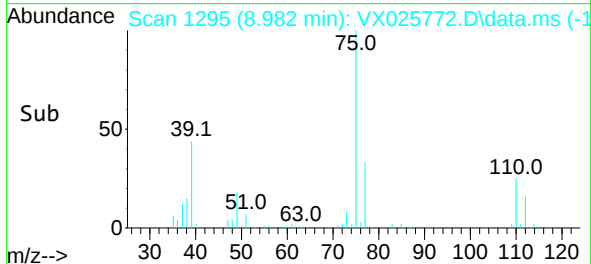
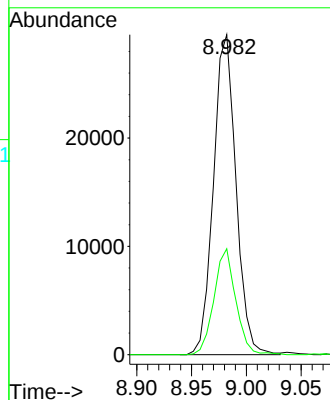
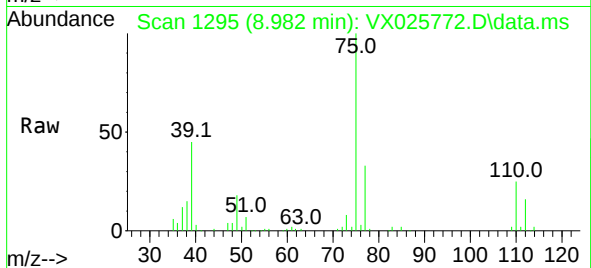
77 33.1 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#54

cis-1,3-Dichloropropene

Concen: 19.077 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX025772.D

Acq: 14 Dec 2021 13:15

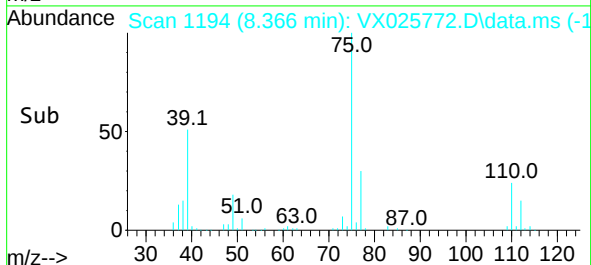
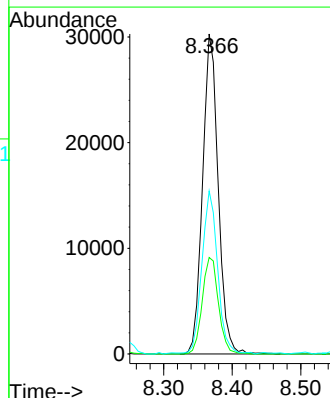
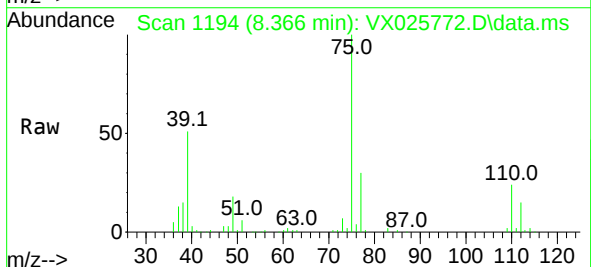
Tgt Ion: 75 Resp: 48001

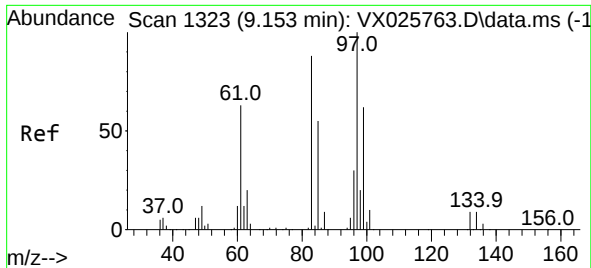
Ion Ratio Lower Upper

75 100

77 30.1 25.3 37.9

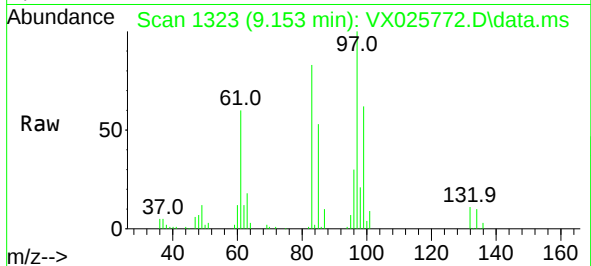
39 50.7 41.4 62.0





#55
1,1,2-Trichloroethane
Concen: 19.033 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15

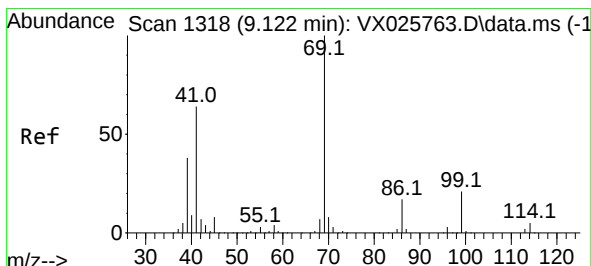
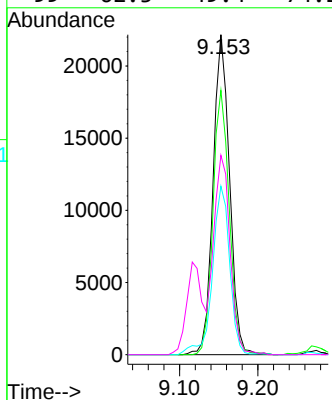
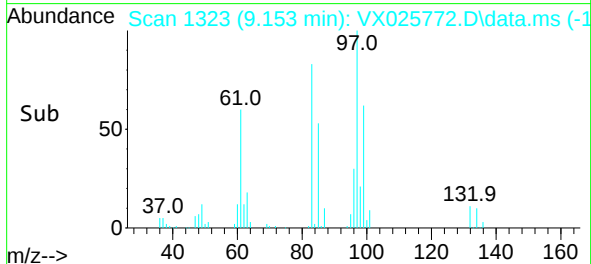
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



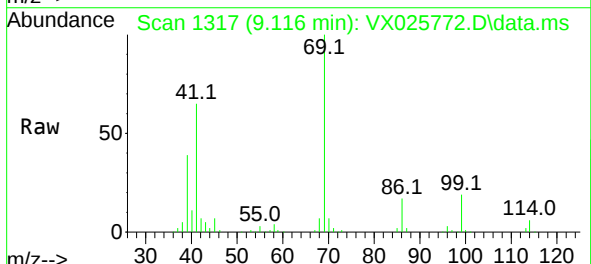
Tgt Ion: 97 Resp: 3244
Ion Ratio Lower Upper
97 100
83 82.6 70.5 105.7
85 52.7 43.8 65.6
99 62.3 49.4 74.2

Manual Integrations
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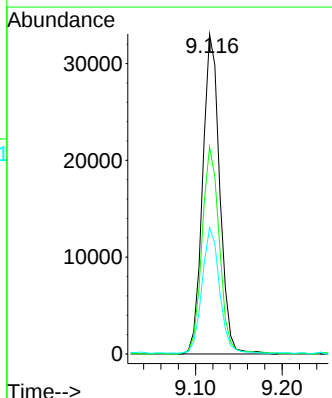
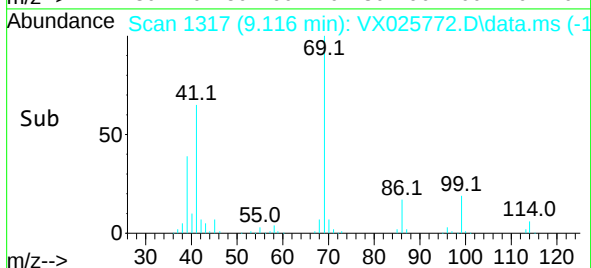
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

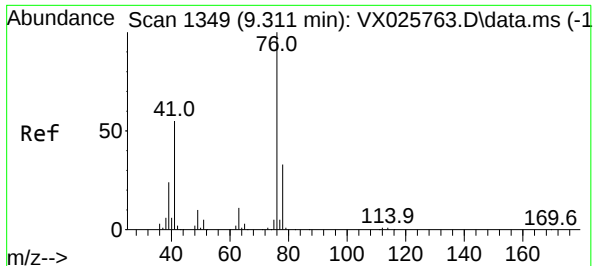


#56
Ethyl methacrylate
Concen: 18.487 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15



Tgt Ion: 69 Resp: 45256
Ion Ratio Lower Upper
69 100
41 66.3 52.8 79.2
39 40.3 32.5 48.7





#57

1,3-Dichloropropane

Concen: 18.841 ug/l

RT: 9.311 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025772.D

Acq: 14 Dec 2021 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion: 76 Resp: 5267

Ion Ratio Lower Upper

76 100

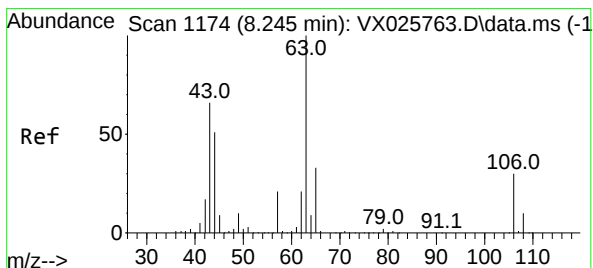
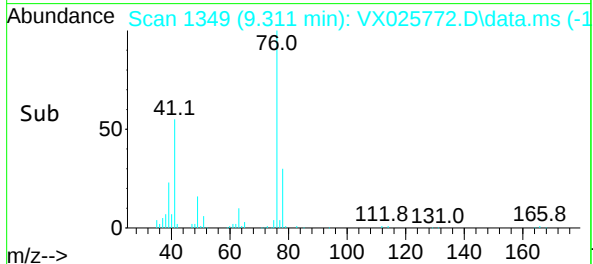
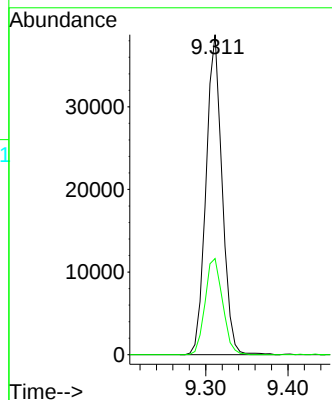
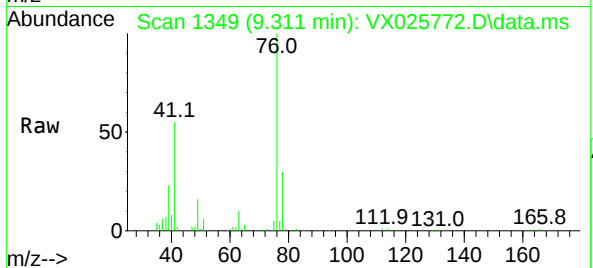
78 32.7 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#58

2-Chloroethyl Vinyl ether

Concen: 87.012 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.001 min

Lab File: VX025772.D

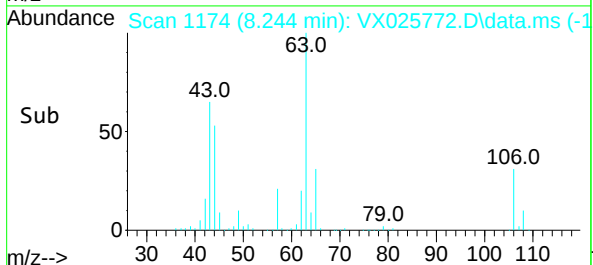
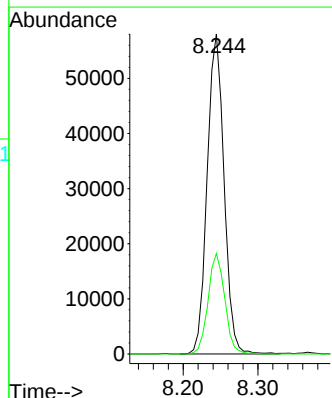
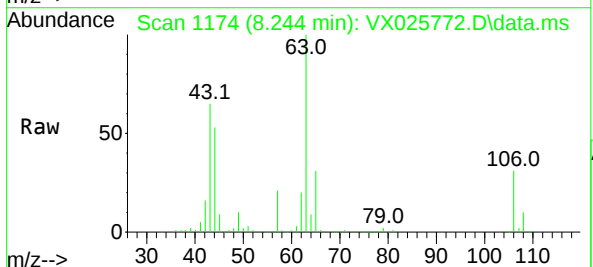
Acq: 14 Dec 2021 13:15

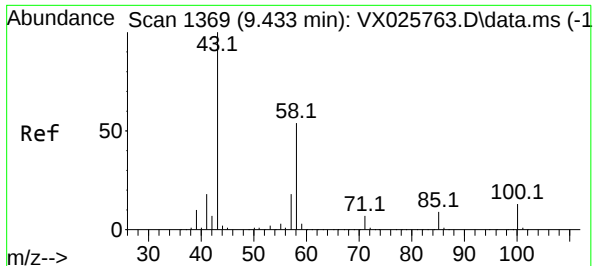
Tgt Ion: 63 Resp: 91038

Ion Ratio Lower Upper

63 100

106 31.0 24.4 36.6





#59

2-Hexanone

Concen: 95.112 ug/l

RT: 9.433 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025772.D

Acq: 14 Dec 2021 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion: 43 Resp: 17658

Ion Ratio Lower Upper

43 100

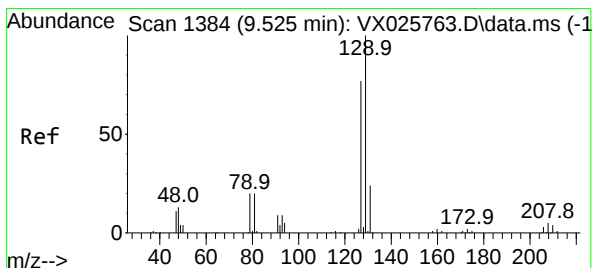
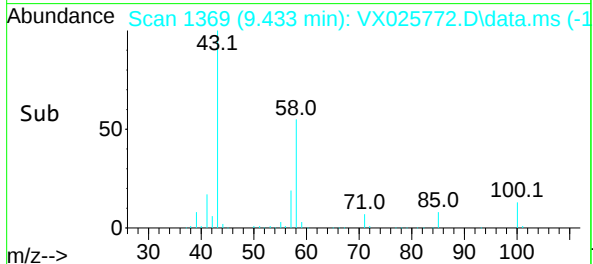
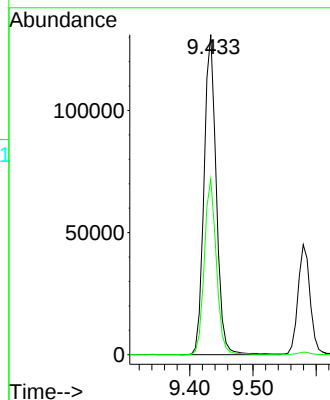
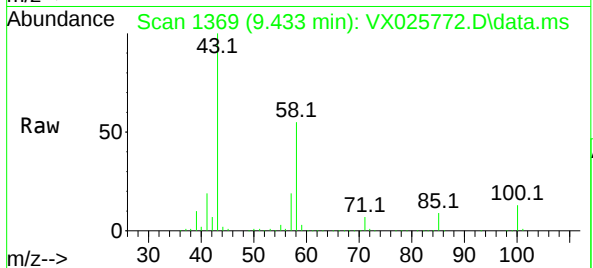
58 54.1 26.9 80.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#60

Dibromochloromethane

Concen: 18.149 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX025772.D

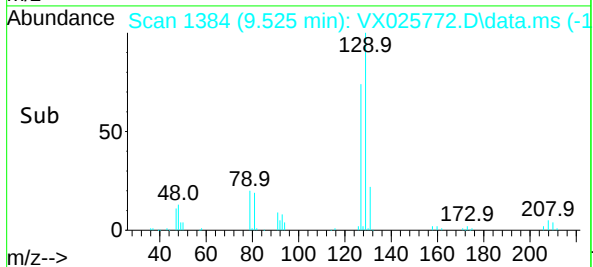
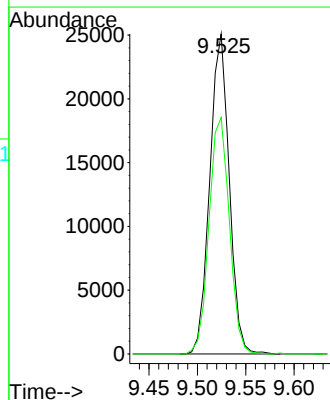
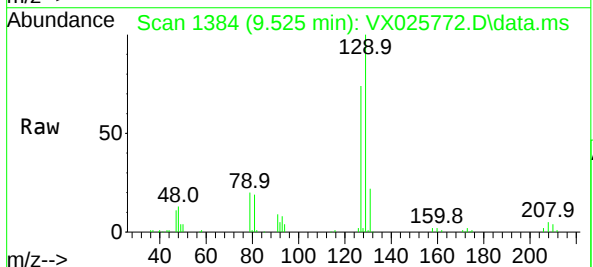
Acq: 14 Dec 2021 13:15

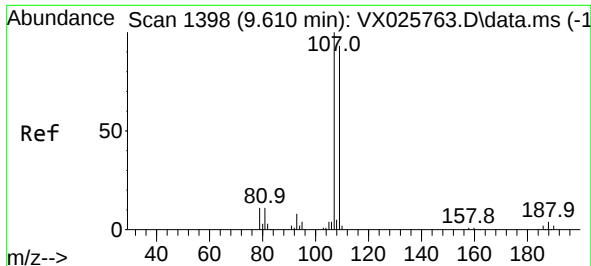
Tgt Ion:129 Resp: 35111

Ion Ratio Lower Upper

129 100

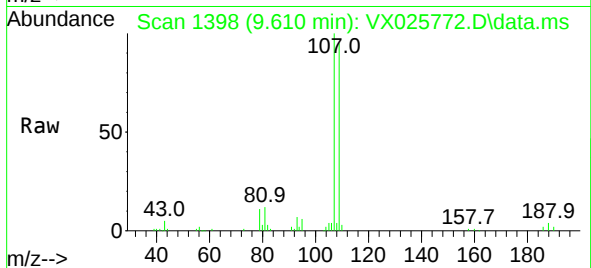
127 77.4 38.6 115.7





#61
1,2-Dibromoethane
Concen: 18.615 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15

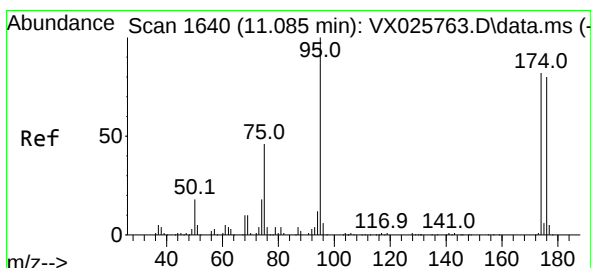
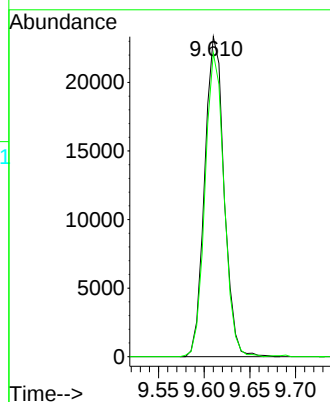
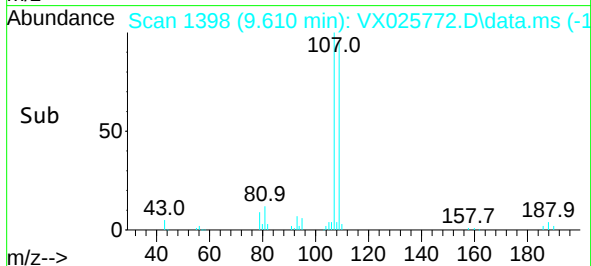
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



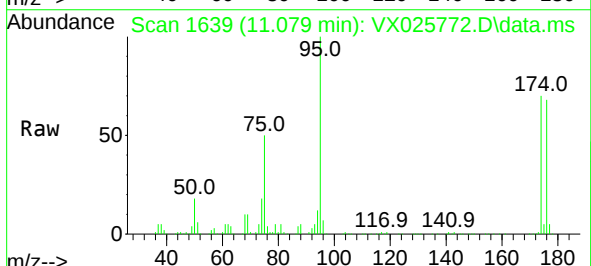
Tgt Ion:107 Resp: 3440
Ion Ratio Lower Upper
107 100
109 93.1 75.1 112.7

Manual Integrations
APPROVED

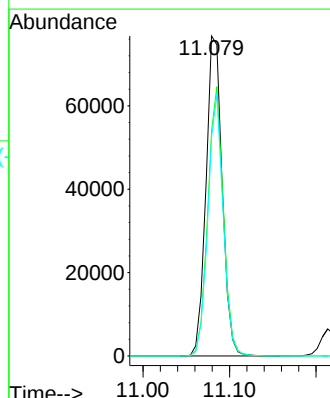
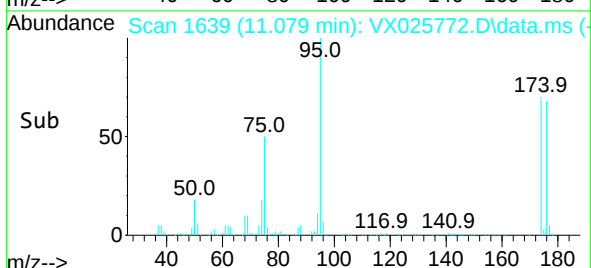
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

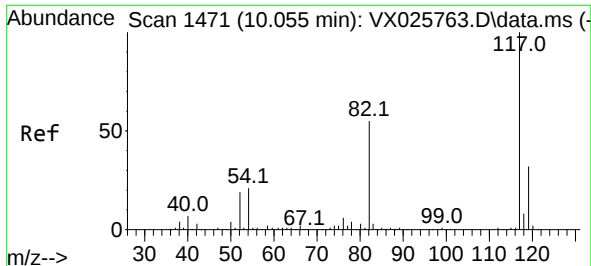


#62
4-Bromofluorobenzene
Concen: 46.694 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15



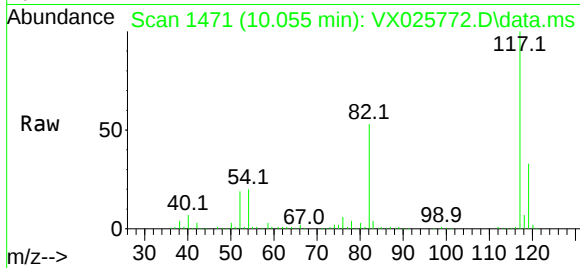
Tgt Ion: 95 Resp: 99658
Ion Ratio Lower Upper
95 100
174 80.9 0.0 157.4
176 77.0 0.0 154.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15

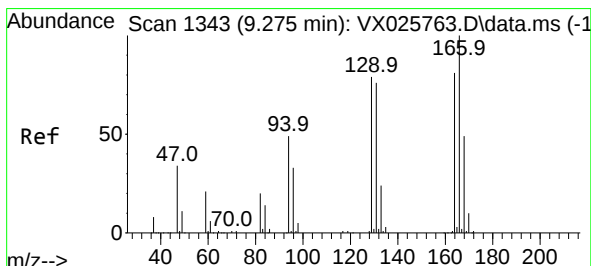
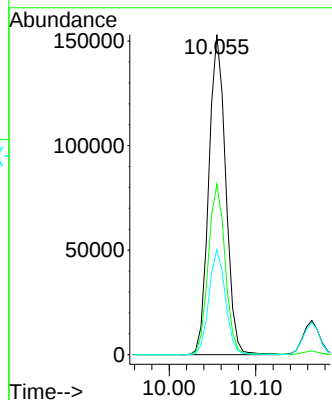
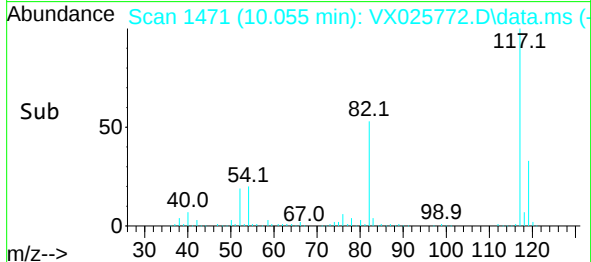
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



Tgt Ion:117 Resp: 20713
Ion Ratio Lower Upper
117 100
82 53.3 43.8 65.6
119 32.8 25.2 37.8

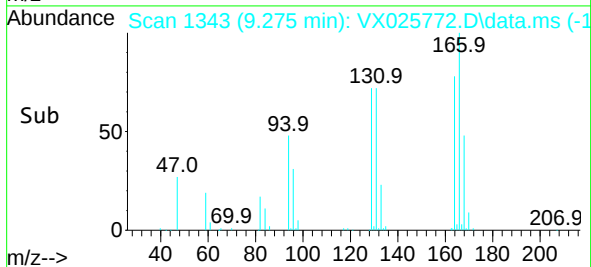
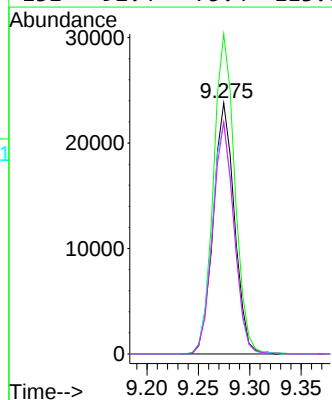
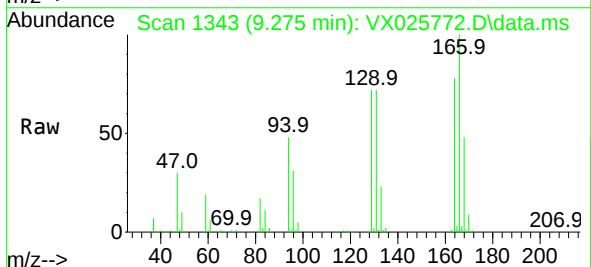
Manual Integrations
APPROVED

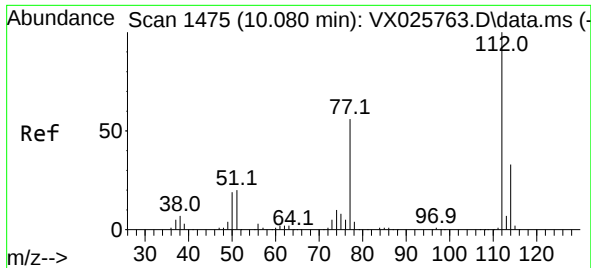
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#64
Tetrachloroethene
Concen: 20.564 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15

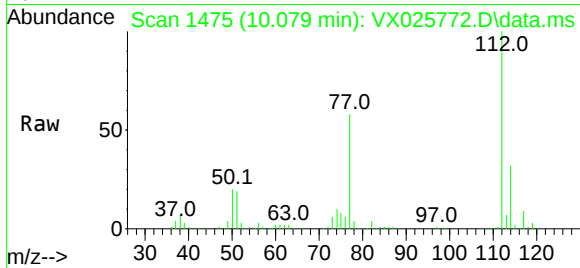
Tgt Ion:164 Resp: 33977
Ion Ratio Lower Upper
164 100
166 127.5 99.4 149.0
129 92.0 78.6 118.0
131 92.4 75.4 113.0





#65
Chlorobenzene
Concen: 20.160 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15

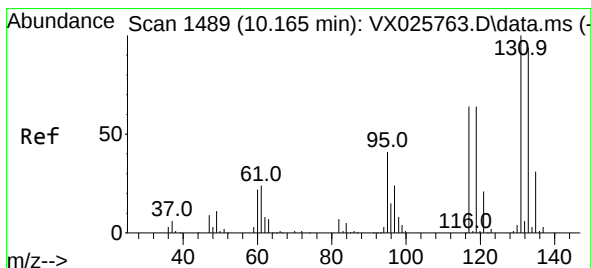
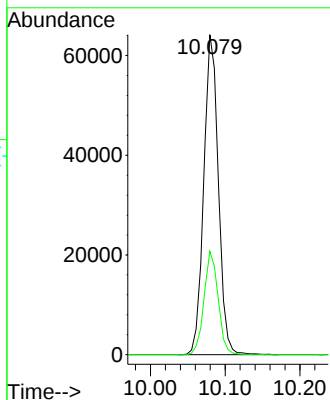
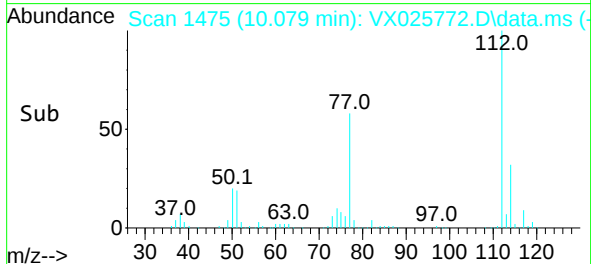
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



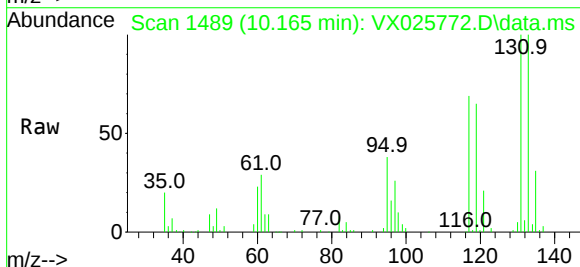
Tgt Ion:112 Resp: 8704
Ion Ratio Lower Upper
112 100
114 32.3 26.6 39.8

Manual Integrations
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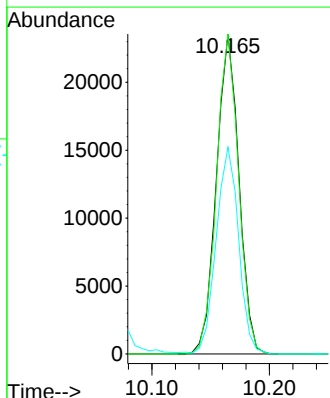
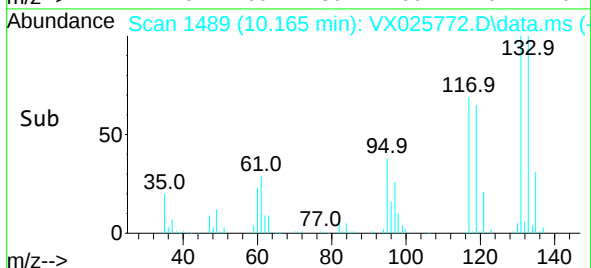
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

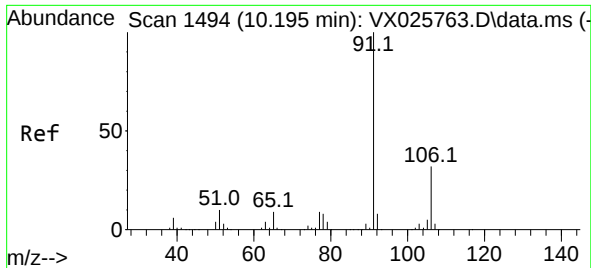


#66
1,1,1,2-Tetrachloroethane
Concen: 18.596 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15



Tgt Ion:131 Resp: 31353
Ion Ratio Lower Upper
131 100
133 98.1 47.1 141.3
119 64.7 31.9 95.9





#67

Ethyl Benzene

Concen: 20.642 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX025772.D

Acq: 14 Dec 2021 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion: 91 Resp: 150712

Ion Ratio Lower Upper

91 100

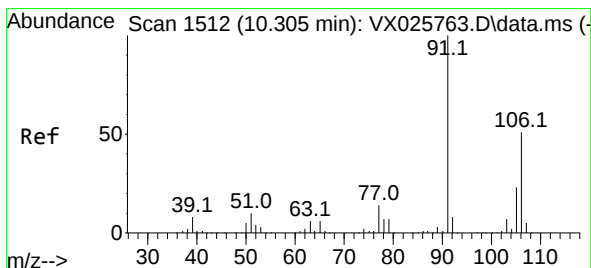
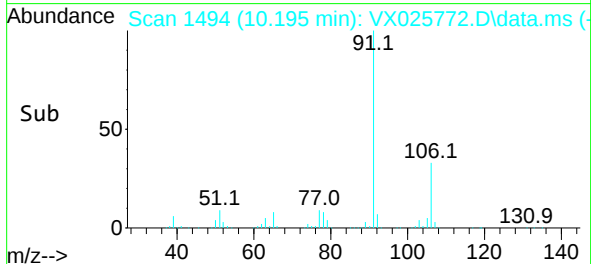
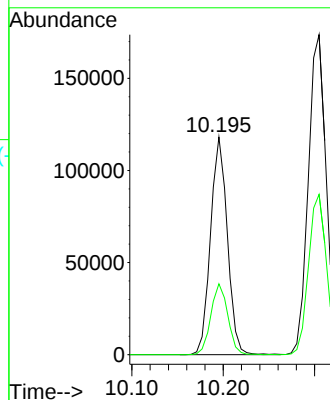
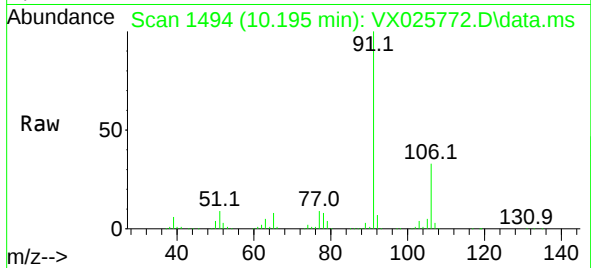
106 32.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#68

m/p-Xylenes

Concen: 42.282 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX025772.D

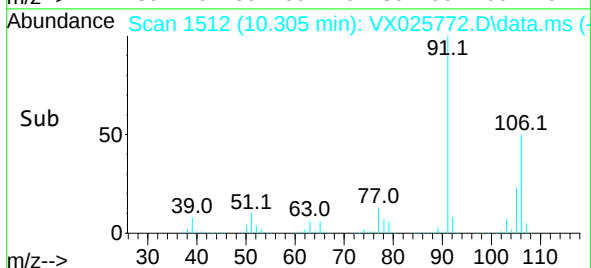
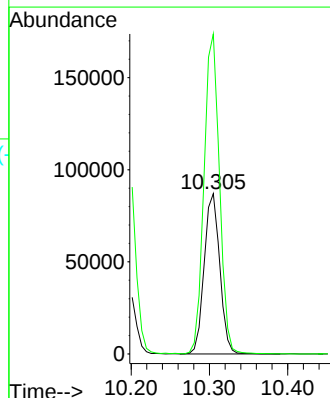
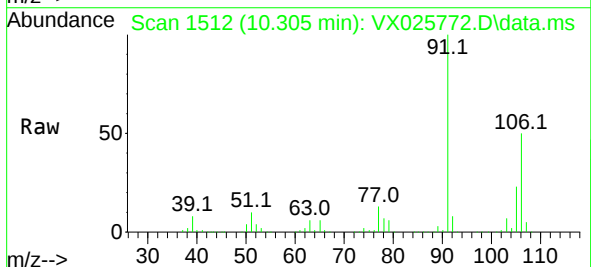
Acq: 14 Dec 2021 13:15

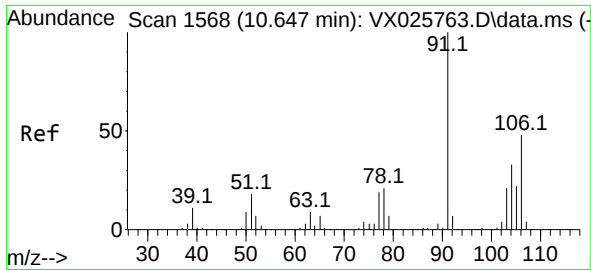
Tgt Ion:106 Resp: 120127

Ion Ratio Lower Upper

106 100

91 198.4 158.6 238.0





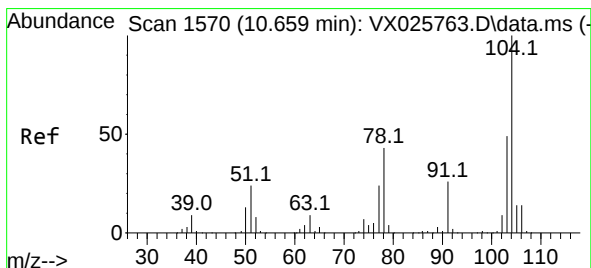
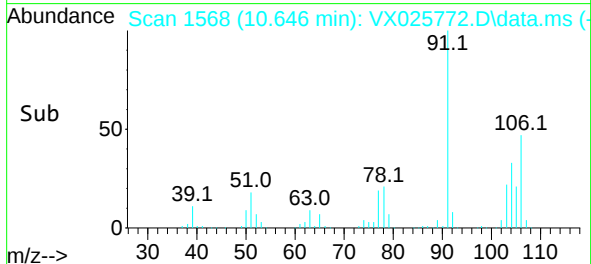
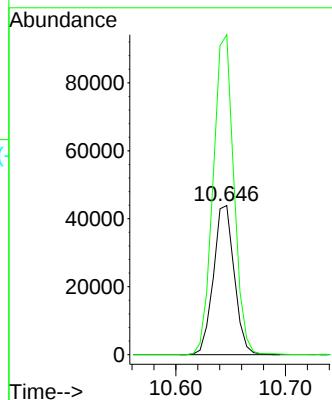
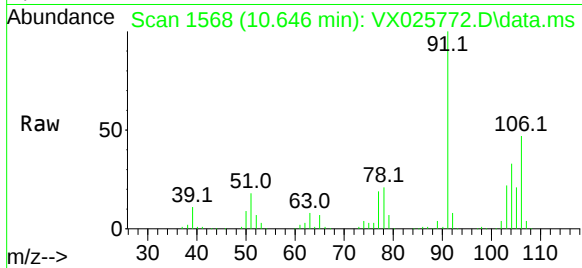
#69
o-Xylene
Concen: 20.747 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion:106 Resp: 5798
Ion Ratio Lower Upper
106 100
91 213.8 105.5 316.4

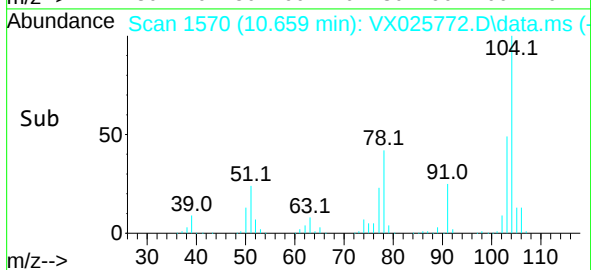
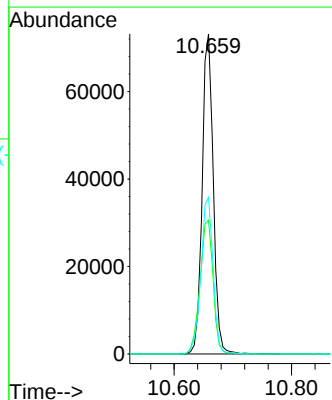
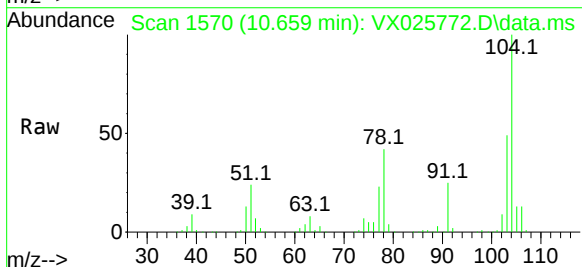
Manual Integrations
APPROVED

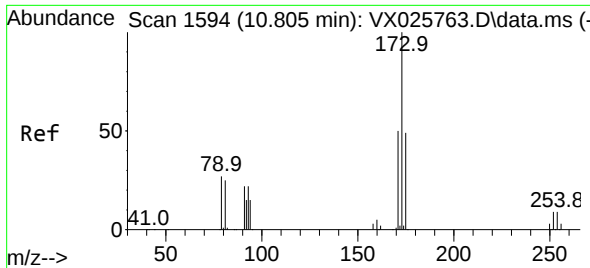
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#70
Styrene
Concen: 20.676 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15

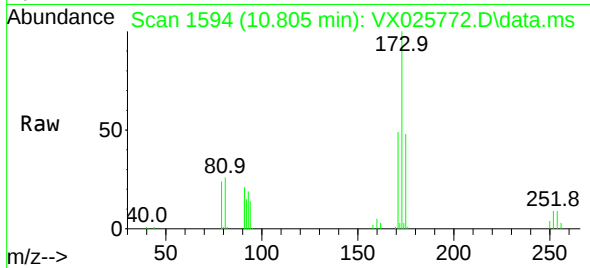
Tgt Ion:104 Resp: 96159
Ion Ratio Lower Upper
104 100
78 49.3 39.8 59.6
103 54.1 43.0 64.6





#71
Bromoform
Concen: 18.410 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15

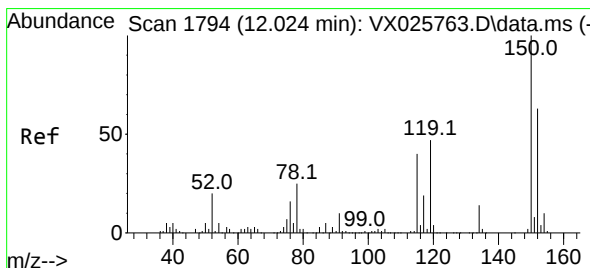
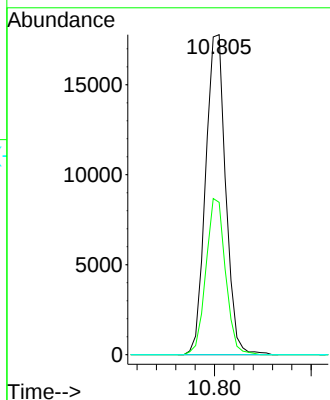
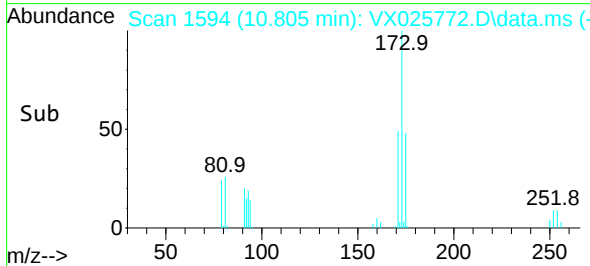
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



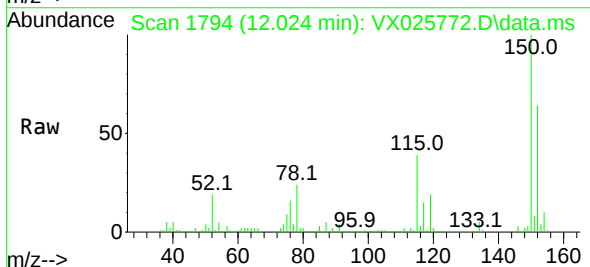
Tgt Ion:173 Resp: 25570
Ion Ratio Lower Upper
173 100
175 47.6 24.4 73.4
254 0.0 0.1 0.1

Manual Integrations
APPROVED

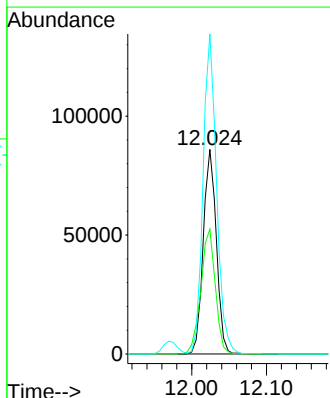
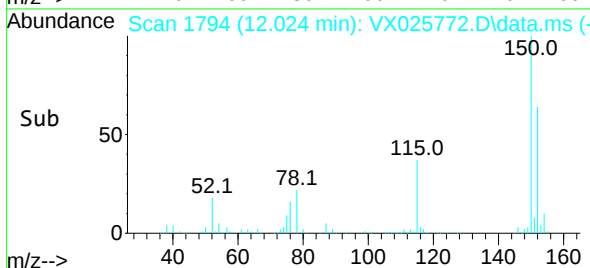
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

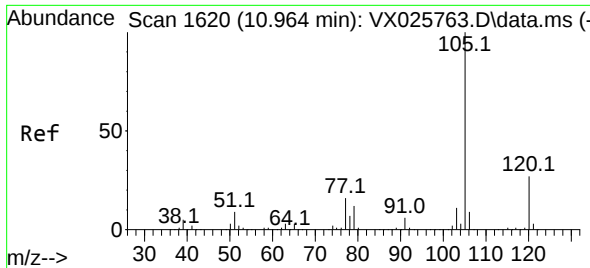


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15



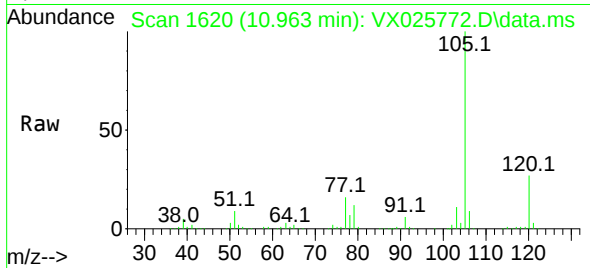
Tgt Ion:152 Resp: 104569
Ion Ratio Lower Upper
152 100
115 67.4 41.3 123.9
150 160.6 0.0 351.8





#73
Isopropylbenzene
Concen: 20.215 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15

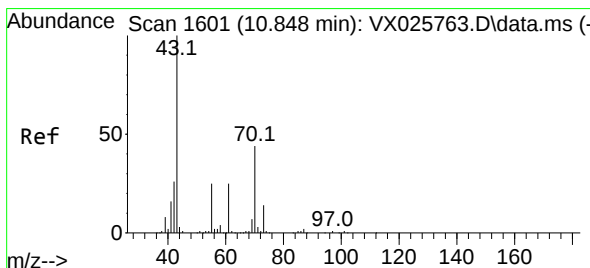
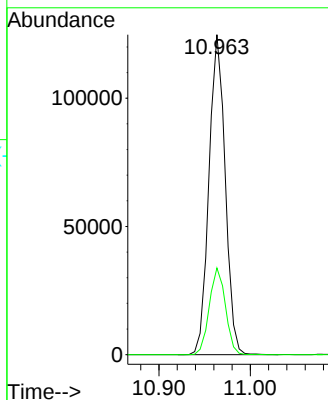
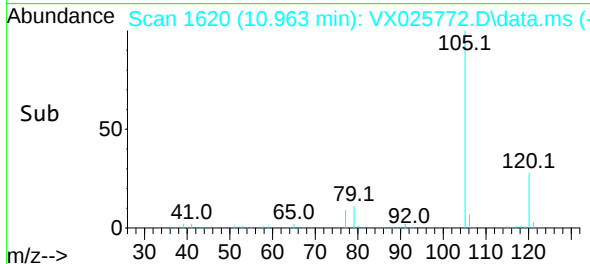
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



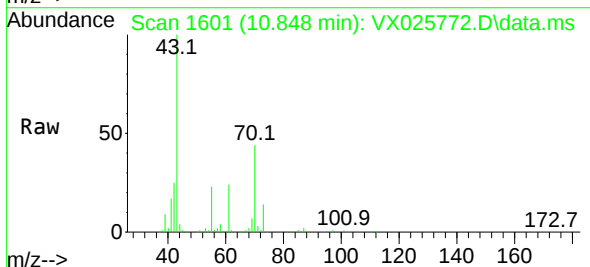
Tgt Ion:105 Resp: 15341
Ion Ratio Lower Upper
105 100
120 26.9 13.6 40.7

Manual Integrations
APPROVED

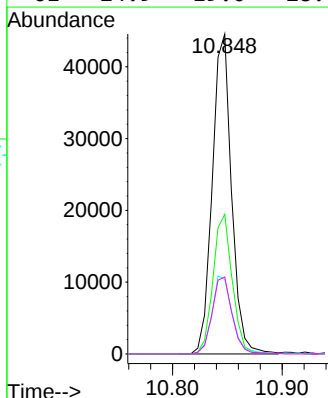
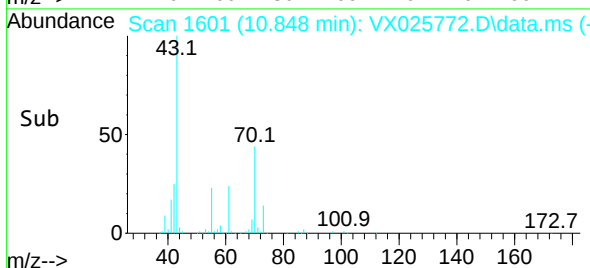
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

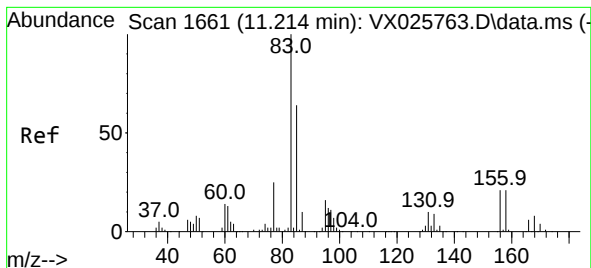


#74
N-ethyl acetate
Concen: 17.811 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15



Tgt Ion: 43 Resp: 54369
Ion Ratio Lower Upper
43 100
70 43.8 34.1 51.1
55 25.8 19.2 28.8
61 24.9 19.0 28.4





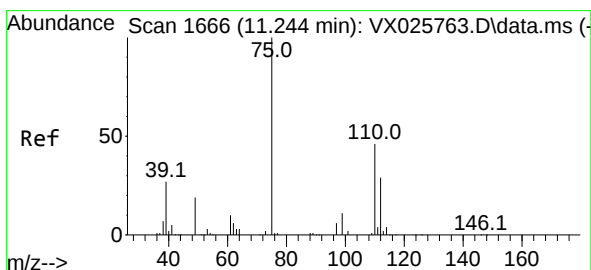
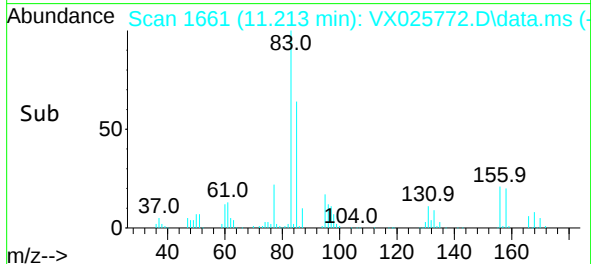
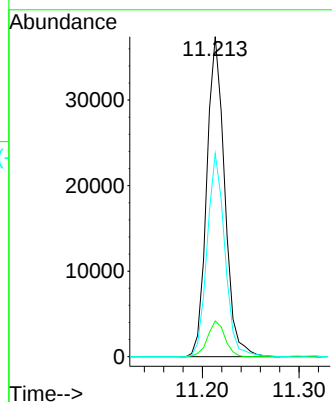
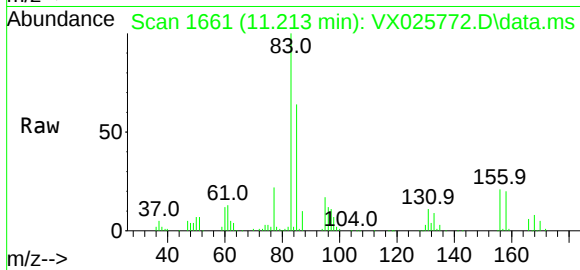
#75
1,1,2,2-Tetrachloroethane
Concen: 18.226 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion: 83 Resp: 48209
Ion Ratio Lower Upper
83 100
131 10.9 5.1 15.3
85 62.8 31.6 95.0

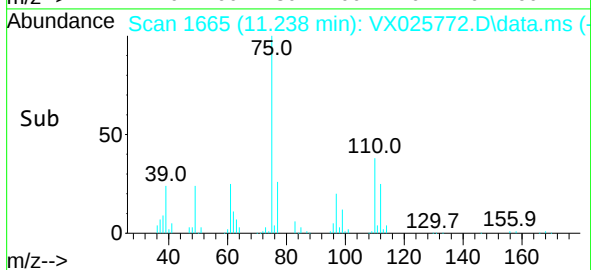
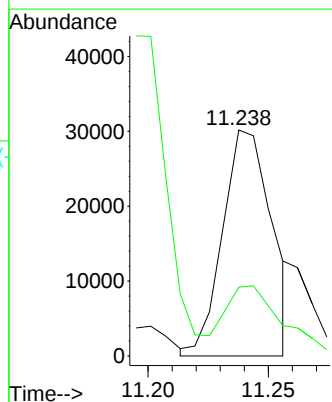
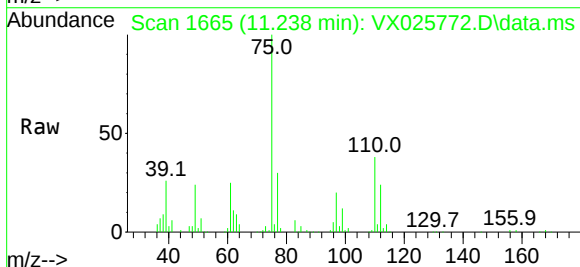
Manual Integrations
APPROVED

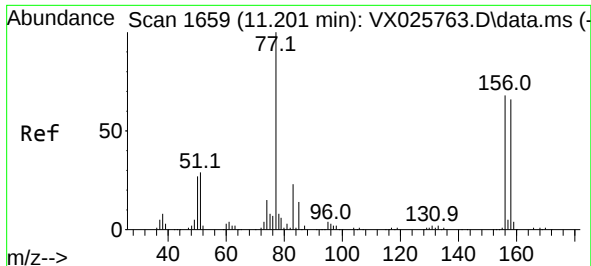
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#76
1,2,3-Trichloropropane
Concen: 17.907 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15

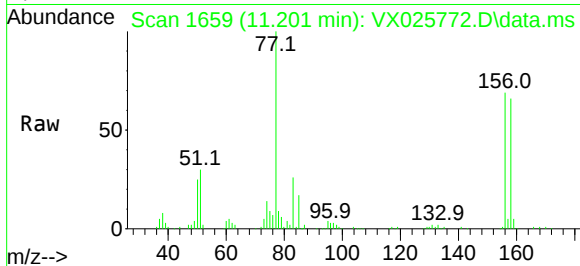
Tgt Ion: 75 Resp: 42903
Ion Ratio Lower Upper
75 100
77 36.3 19.0 57.0





#77
Bromobenzene
Concen: 19.507 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15

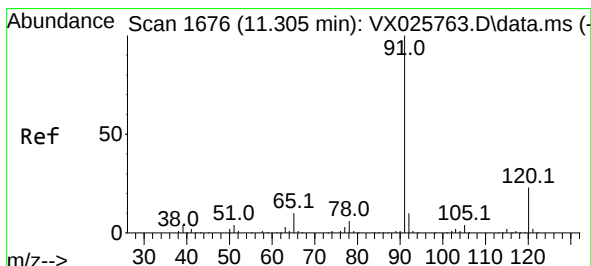
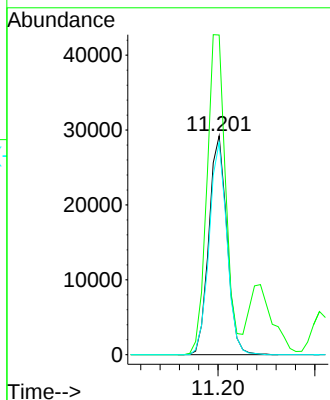
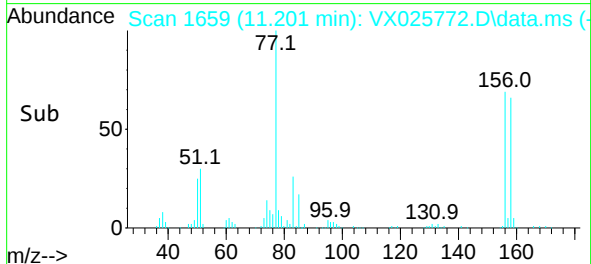
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



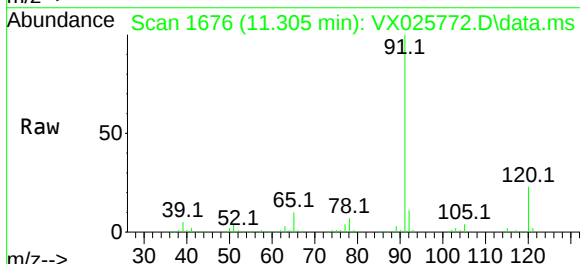
Tgt Ion:156 Resp: 3797
Ion Ratio Lower Upper
156 100
77 152.5 78.2 234.6
158 95.1 48.6 145.9

Manual Integrations
APPROVED

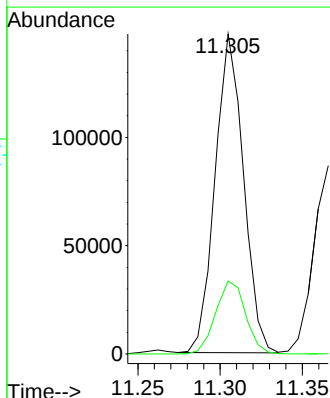
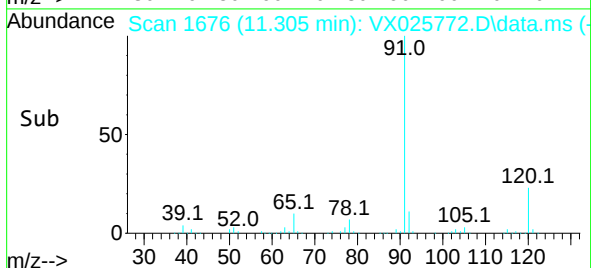
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

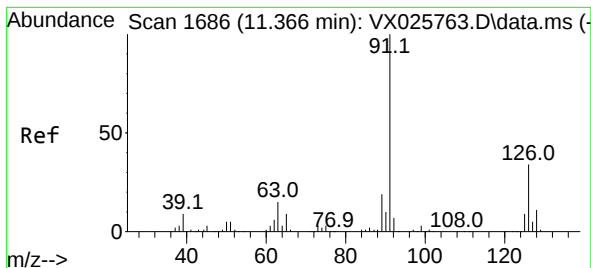


#78
n-propylbenzene
Concen: 20.540 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15



Tgt Ion: 91 Resp: 176319
Ion Ratio Lower Upper
91 100
120 24.2 12.0 36.1





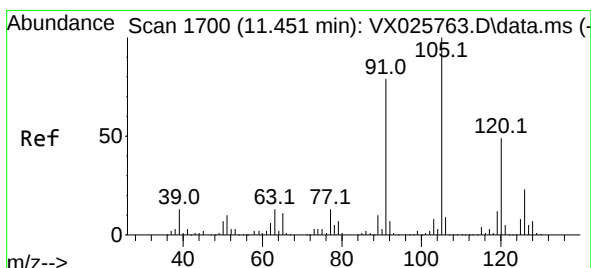
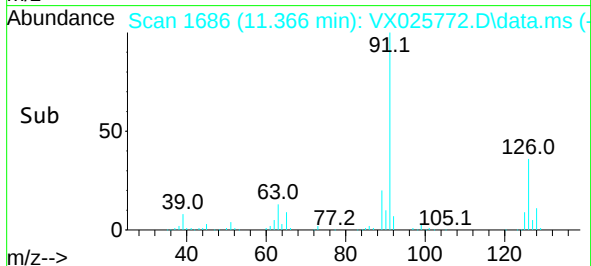
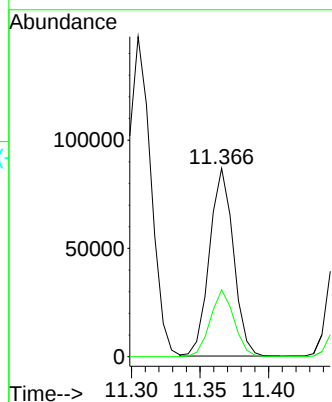
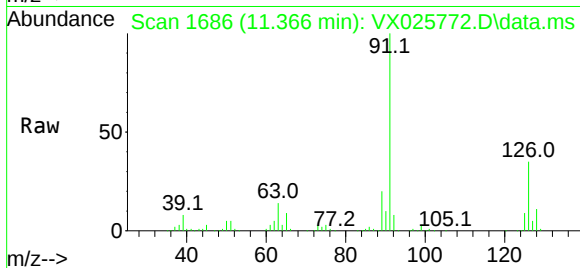
#79
2-Chlorotoluene
Concen: 19.319 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion: 91 Resp: 10545
Ion Ratio Lower Upper
91 100
126 35.5 17.8 53.3

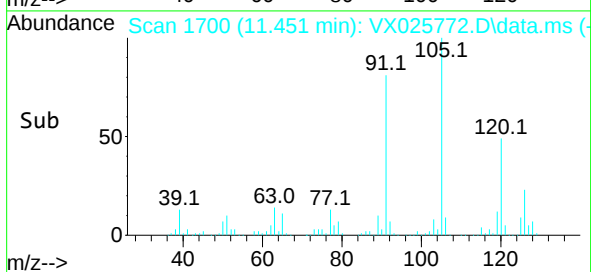
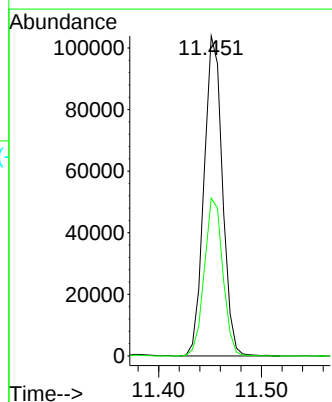
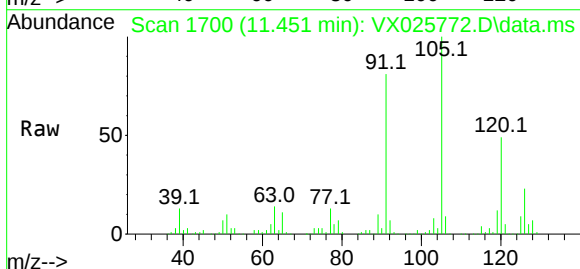
Manual Integrations
APPROVED

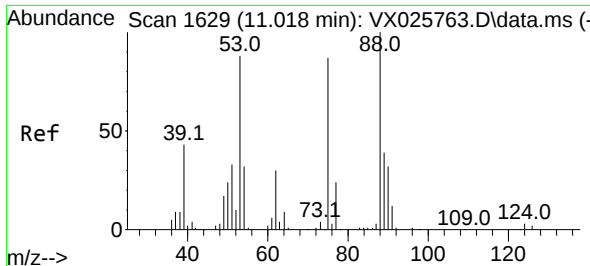
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#80
1,3,5-Trimethylbenzene
Concen: 20.546 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15

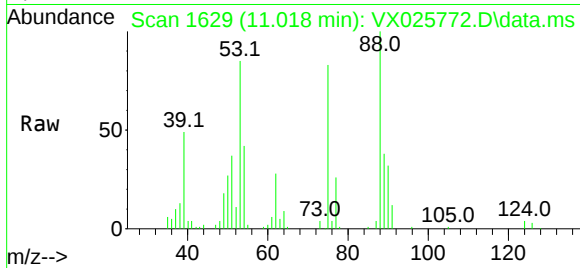
Tgt Ion:105 Resp: 129325
Ion Ratio Lower Upper
105 100
120 49.6 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 15.914 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15

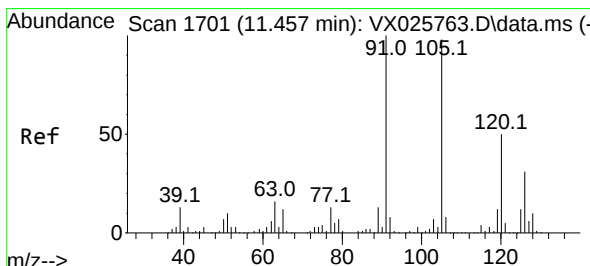
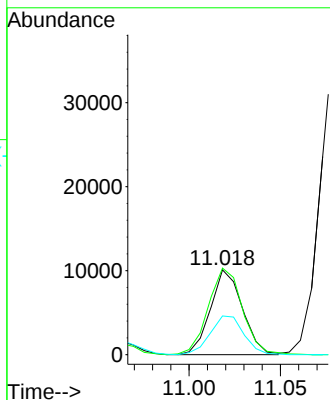
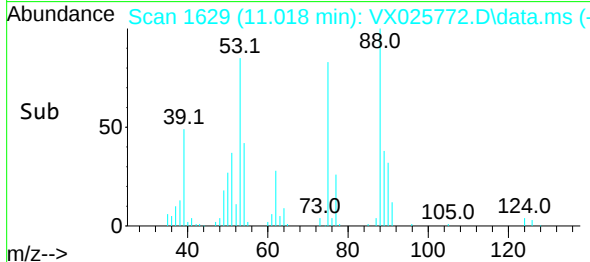
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



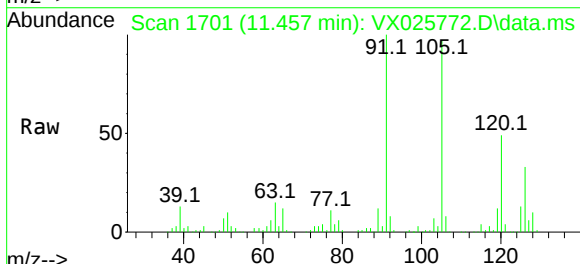
Tgt Ion: 75 Resp: 12298
Ion Ratio Lower Upper
75 100
53 108.8 79.5 119.3
89 48.2 38.3 57.5

Manual Integrations
APPROVED

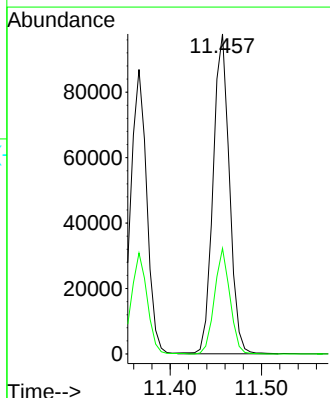
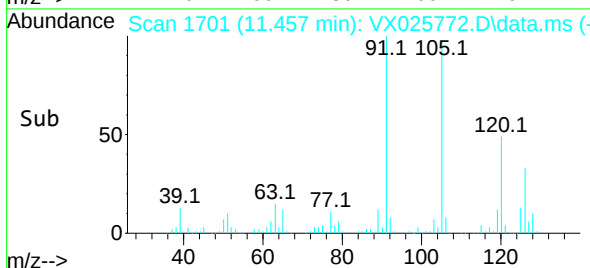
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

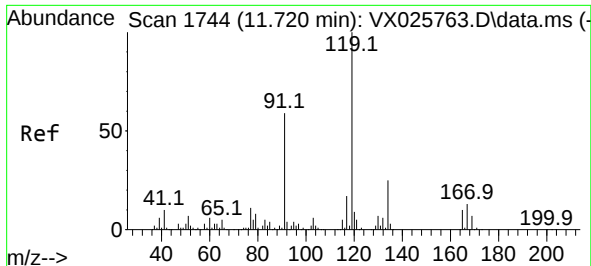


#82
4-Chlorotoluene
Concen: 19.804 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15



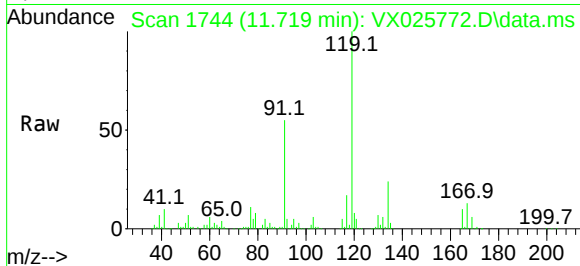
Tgt Ion: 91 Resp: 121057
Ion Ratio Lower Upper
91 100
126 31.2 15.6 46.7





#83
tert-Butylbenzene
Concen: 20.739 ug/l
RT: 11.719 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15

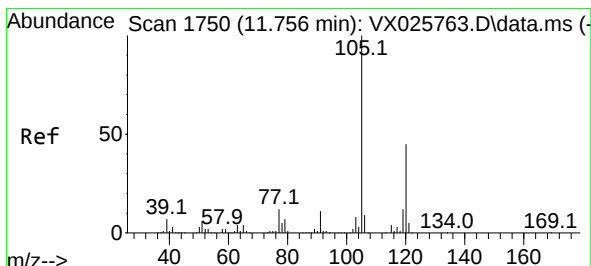
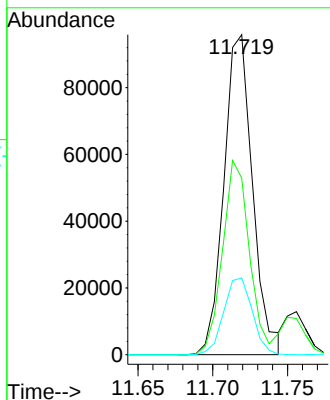
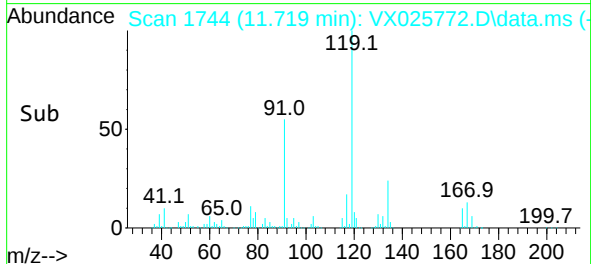
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



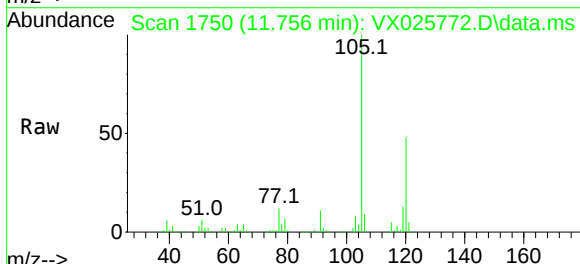
Tgt Ion:119 Resp: 127952
Ion Ratio Lower Upper
119 100
91 56.7 28.7 86.1
134 23.9 11.9 35.9

Manual Integrations
APPROVED

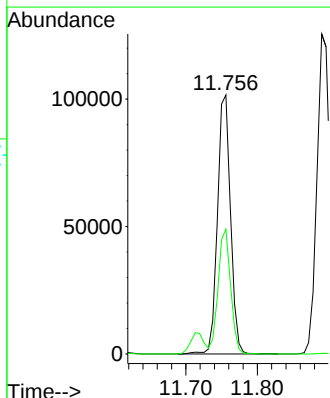
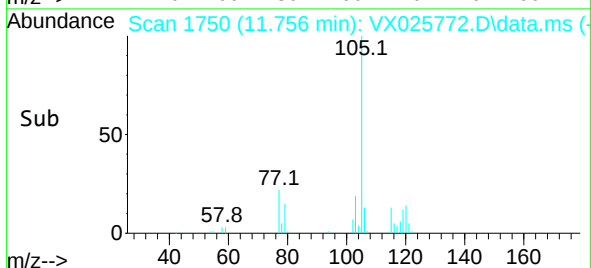
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

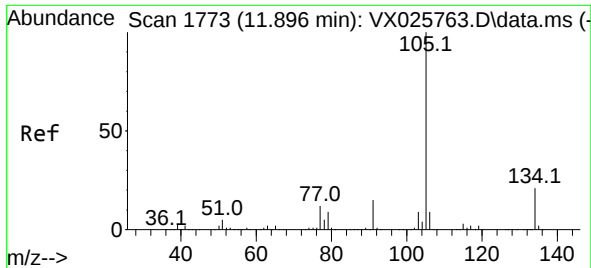


#84
1,2,4-Trimethylbenzene
Concen: 20.473 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15



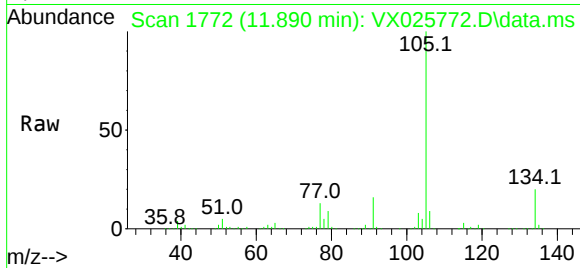
Tgt Ion:105 Resp: 128732
Ion Ratio Lower Upper
105 100
120 46.2 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 21.528 ug/l
 RT: 11.890 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX025772.D
 Acq: 14 Dec 2021 13:15

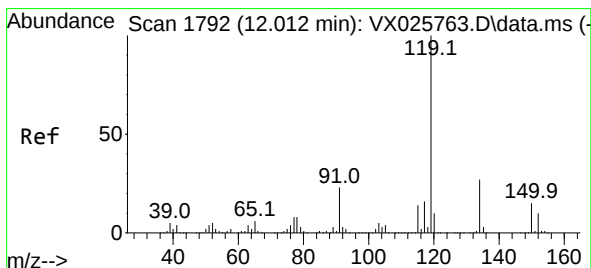
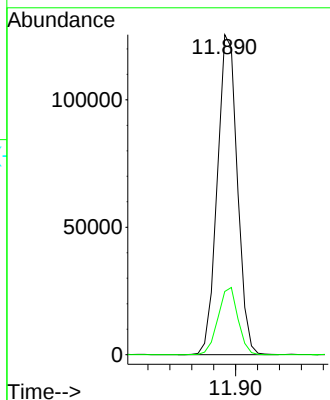
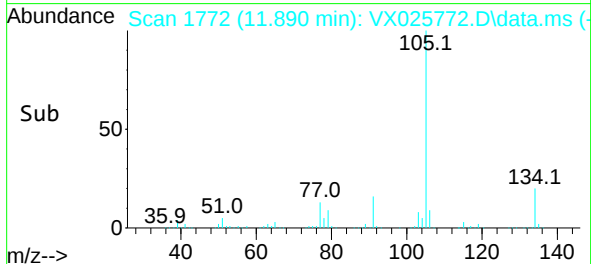
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBS01



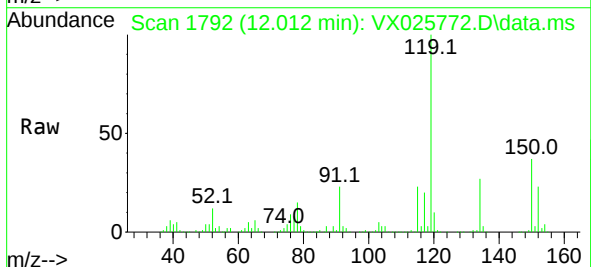
Tgt Ion:105 Resp: 15964
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.1

Manual Integrations
 APPROVED

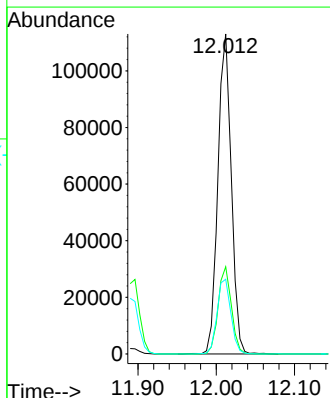
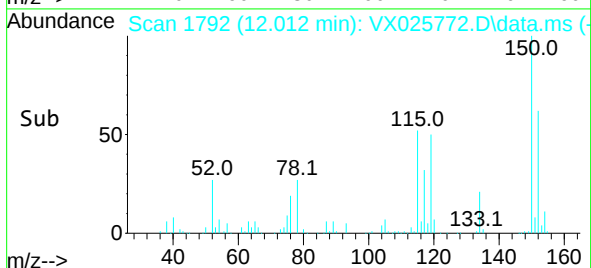
Reviewed By :John Carlone 12/15/2021
 Supervised By :Mahesh Dadoda 12/21/2021

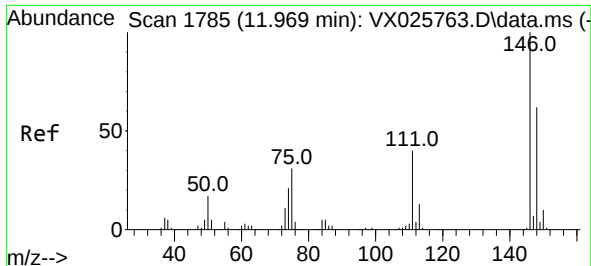


#86
 p-Isopropyltoluene
 Concen: 21.632 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX025772.D
 Acq: 14 Dec 2021 13:15



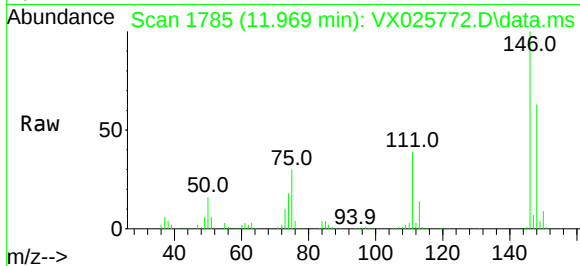
Tgt Ion:119 Resp: 134717
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.2 39.6
 91 24.1 11.9 35.9





#87
1,3-Dichlorobenzene
Concen: 19.757 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15

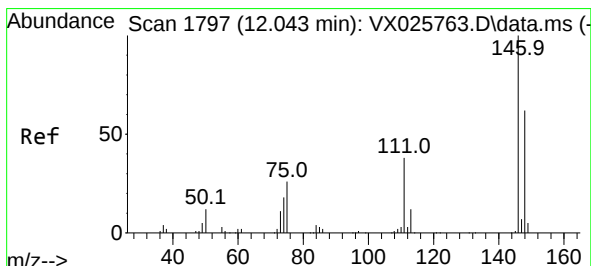
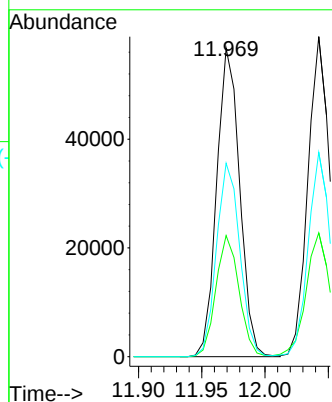
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



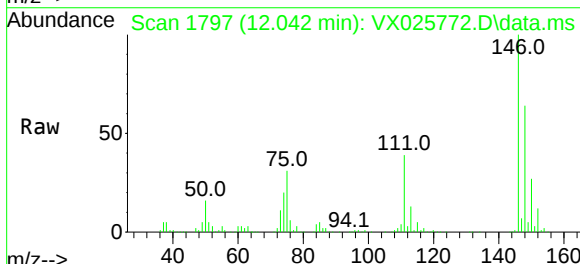
Tgt Ion:146 Resp: 71660
Ion Ratio Lower Upper
146 100
111 39.6 19.9 59.6
148 63.6 31.9 95.5

Manual Integrations
APPROVED

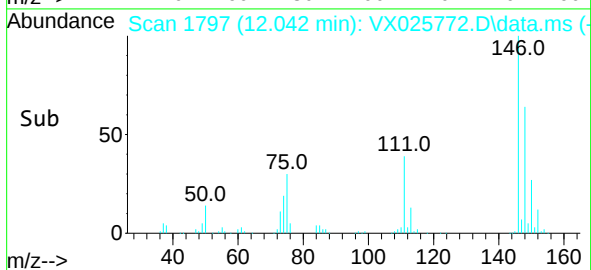
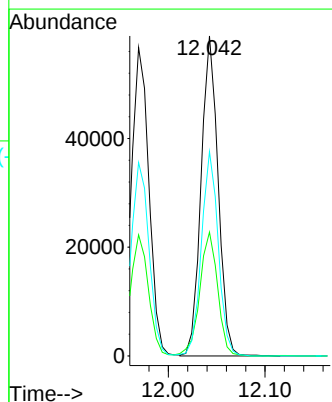
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

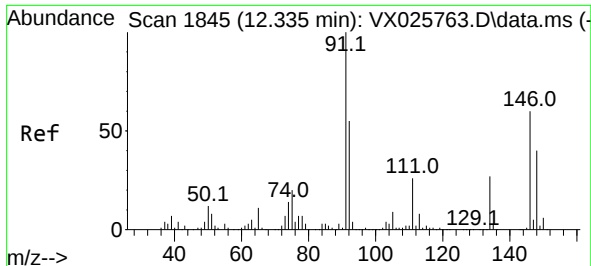


#88
1,4-Dichlorobenzene
Concen: 19.473 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15



Tgt Ion:146 Resp: 72111
Ion Ratio Lower Upper
146 100
111 40.8 19.9 59.7
148 63.5 31.9 95.7





#89

n-Butylbenzene

Concen: 21.081 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX025772.D

Acq: 14 Dec 2021 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion: 91 Resp: 10951

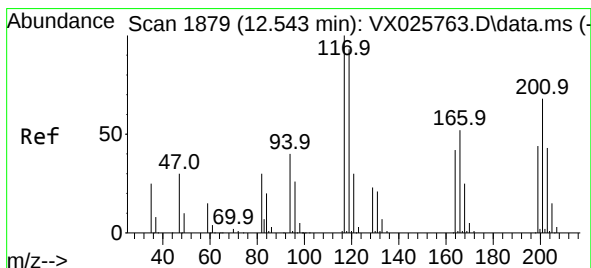
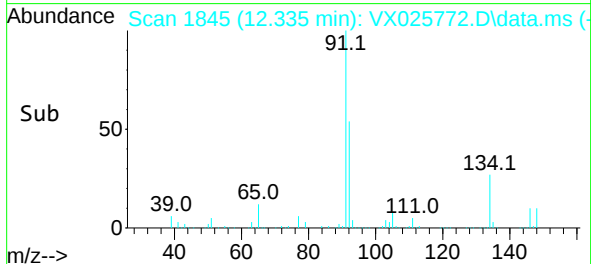
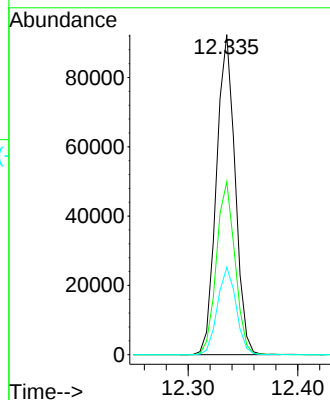
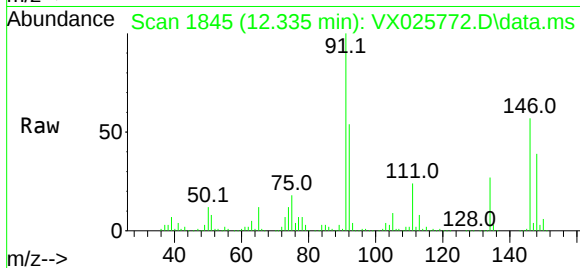
Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.3	81.8
134	27.2	13.5	40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#90

Hexachloroethane

Concen: 17.926 ug/l

RT: 12.542 min Scan# 1879

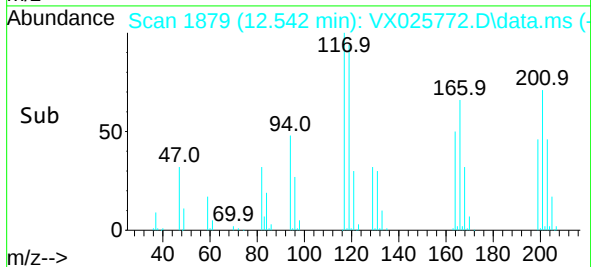
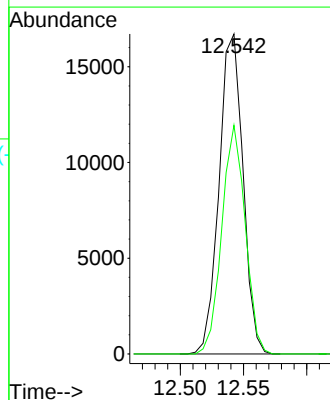
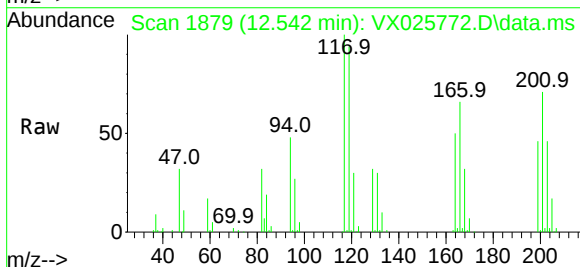
Delta R.T. -0.000 min

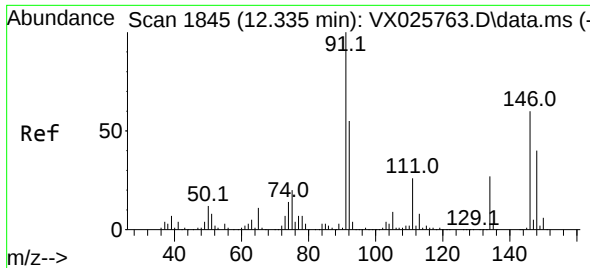
Lab File: VX025772.D

Acq: 14 Dec 2021 13:15

Tgt Ion:117 Resp: 21941

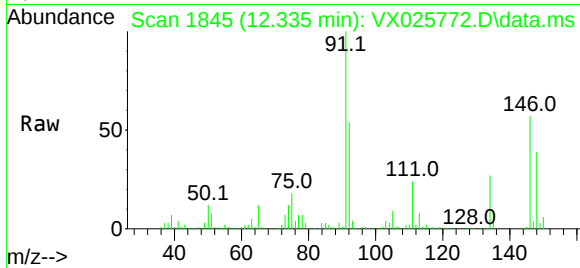
Ion	Ratio	Lower	Upper
117	100		
201	69.9	35.4	106.3





#91
1,2-Dichlorobenzene
Concen: 19.619 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15

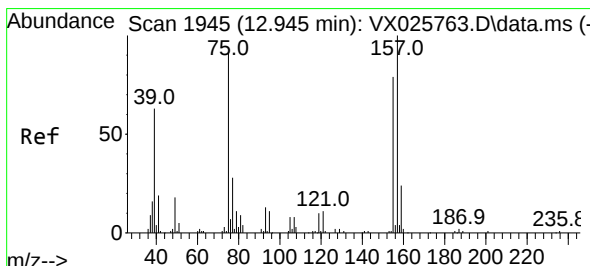
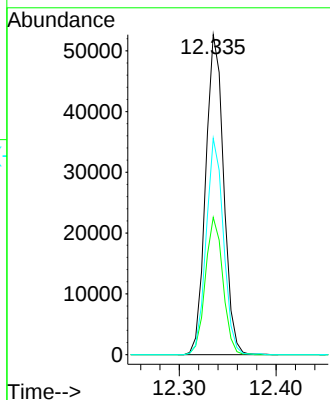
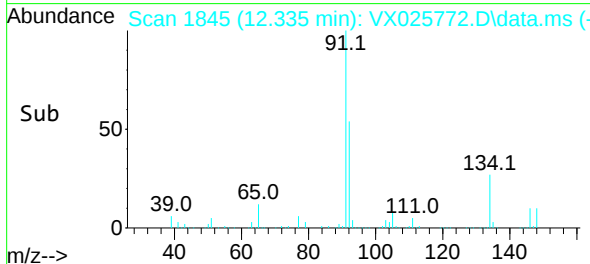
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



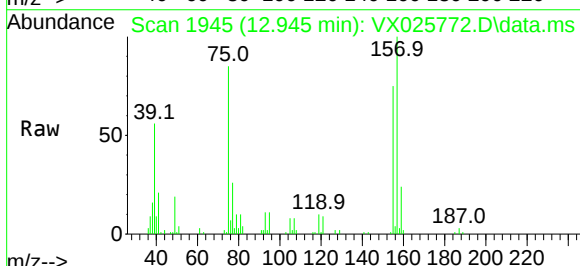
Tgt Ion:146 Resp: 6795
Ion Ratio Lower Upper
146 100
111 41.9 20.6 61.9
148 65.1 31.9 95.7

Manual Integrations
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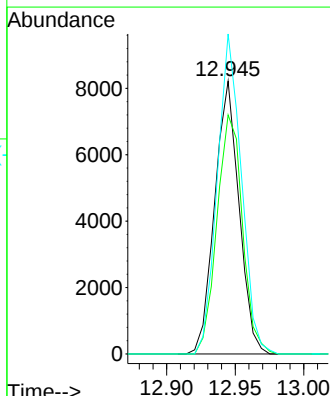
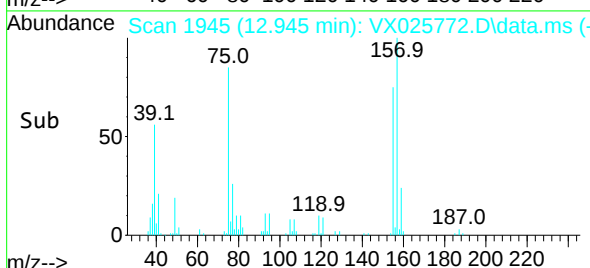
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

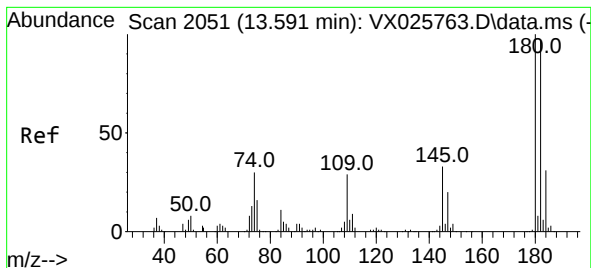


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.055 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX025772.D
Acq: 14 Dec 2021 13:15



Tgt Ion: 75 Resp: 10137
Ion Ratio Lower Upper
75 100
155 91.7 44.0 131.8
157 116.1 55.5 166.5





#93

1,2,4-Trichlorobenzene

Concen: 20.685 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX025772.D

Acq: 14 Dec 2021 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

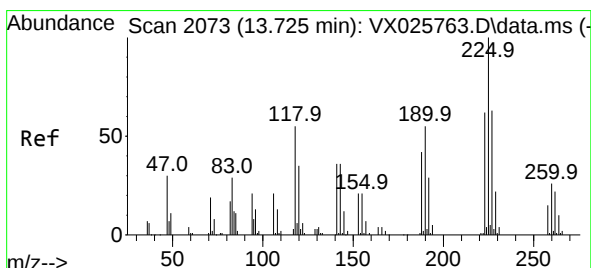
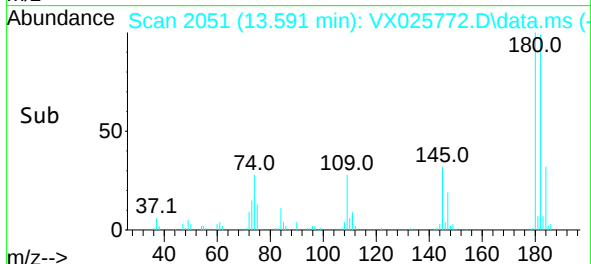
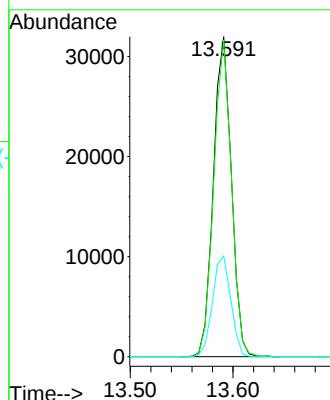
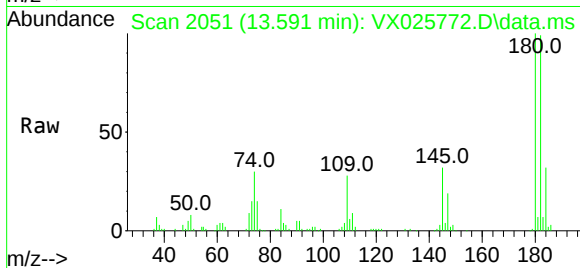
Tgt Ion:180	Resp:	3875	
Ion Ratio	Lower	Upper	
180	100		
182	97.4	47.2	141.6
145	32.1	16.3	48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#94

Hexachlorobutadiene

Concen: 24.138 ug/l

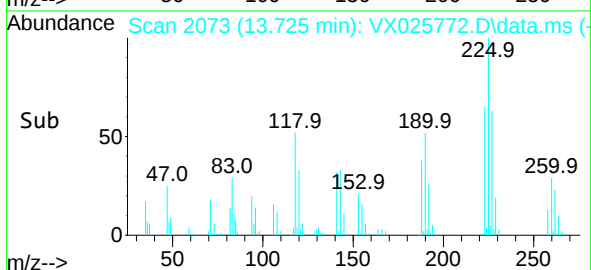
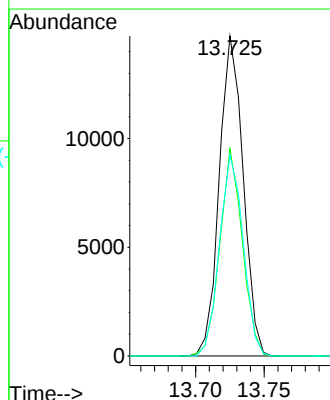
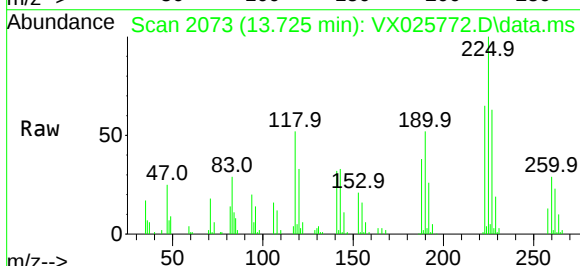
RT: 13.725 min Scan# 2073

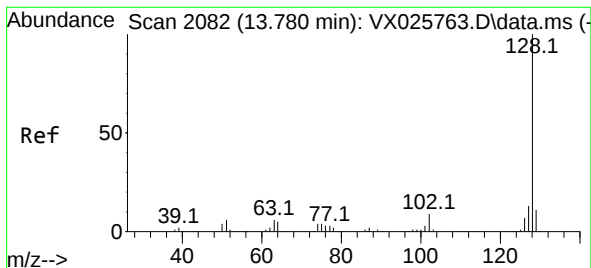
Delta R.T. 0.000 min

Lab File: VX025772.D

Acq: 14 Dec 2021 13:15

Tgt Ion:225	Resp:	17785	
Ion Ratio	Lower	Upper	
225	100		
223	61.3	31.6	95.0
227	62.5	32.5	97.5





#95

Naphthalene

Concen: 19.167 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VX025772.D

Acq: 14 Dec 2021 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

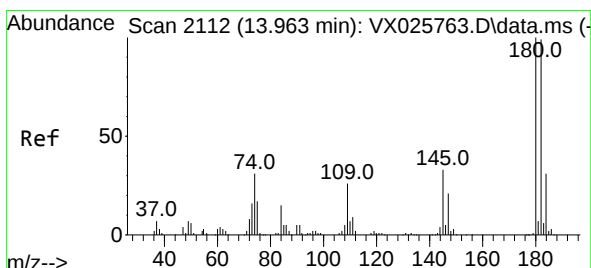
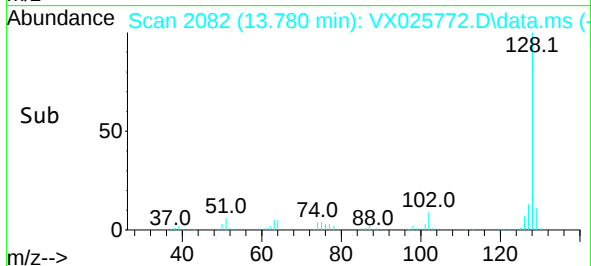
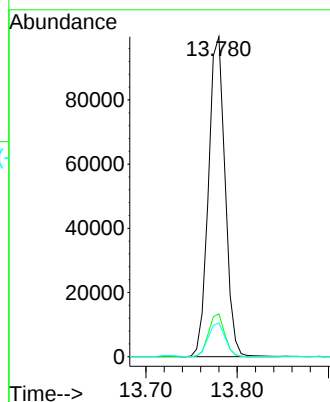
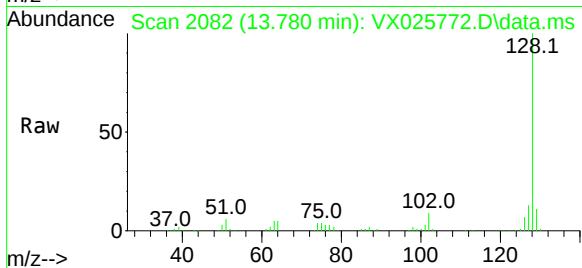
Tgt Ion:	128	Resp:	125750
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.8	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#96

1,2,3-Trichlorobenzene

Concen: 20.855 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX025772.D

Acq: 14 Dec 2021 13:15

Tgt Ion:	180	Resp:	39257
Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.5	142.6
145	34.2	16.7	50.1

