

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051222\
 Data File : VN072446.D
 Acq On : 12 May 2022 12:19
 Operator : JC\MD
 Sample : N2791-02MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BEM-MW-04MS

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/13/2022
 Supervised By : Mahesh Dadoda 05/13/2022

Quant Time: May 13 02:41:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	199828	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	314670	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	290769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	141511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	156061	50.989	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.980%			
35) Dibromofluoromethane	8.016	113	109122	52.125	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.240%			
50) Toluene-d8	10.439	98	404558	50.740	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.480%			
62) 4-Bromofluorobenzene	12.727	95	150565	56.862	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 113.720%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	120653	48.413	ug/l	98
3) Chloromethane	2.299	50	104905	44.839	ug/l	98
4) Vinyl Chloride	2.446	62	92413	43.549	ug/l	98
5) Bromomethane	2.828	94	48871	38.682	ug/l	98
6) Chloroethane	3.010	64	51772	46.467	ug/l	91
7) Trichlorofluoromethane	3.369	101	202342	51.447	ug/l	98
8) Diethyl Ether	3.822	74	63632	44.847	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.210	101	102819	47.910	ug/l	97
10) Methyl Iodide	4.422	142	42749	15.027	ug/l	# 87
11) Tert butyl alcohol	5.369	59	126740	253.245	ug/l	98
12) 1,1-Dichloroethene	4.181	96	91256	45.382	ug/l	93
13) Acrolein	4.040	56	100019	204.266	ug/l	95
14) Allyl chloride	4.840	41	173148	46.247	ug/l	94
15) Acrylonitrile	5.551	53	306501	225.378	ug/l	98
16) Acetone	4.281	43	537522	443.449	ug/l	90
17) Carbon Disulfide	4.528	76	223644	42.884	ug/l	97
18) Methyl Acetate	4.851	43	161843	45.349	ug/l	93
19) Methyl tert-butyl Ether	5.610	73	370517	50.987	ug/l	97
20) Methylene Chloride	5.093	84	106922	43.021	ug/l	# 86
21) trans-1,2-Dichloroethene	5.598	96	97550	46.368	ug/l	98
22) Diisopropyl ether	6.493	45	340497	44.756	ug/l	95
23) Vinyl Acetate	6.428	43	1494464	234.767	ug/l	96
24) 1,1-Dichloroethane	6.387	63	198541	46.246	ug/l	99
25) 2-Butanone	7.334	43	482196	252.056	ug/l	93
26) 2,2-Dichloropropane	7.322	77	193850	53.732	ug/l	95
27) cis-1,2-Dichloroethene	7.322	96	118001	46.655	ug/l	93
28) Bromochloromethane	7.651	49	82053	45.013	ug/l	94
29) Tetrahydrofuran	7.681	42	281170	226.146	ug/l	93
30) Chloroform	7.816	83	215771	49.402	ug/l	99
31) Cyclohexane	8.092	56	170757	42.104	ug/l	97
32) 1,1,1-Trichloroethane	8.010	97	204364	51.014	ug/l	97
36) 1,1-Dichloropropene	8.222	75	151753	50.469	ug/l	98
37) Ethyl Acetate	7.404	43	171358	47.499	ug/l	96
38) Carbon Tetrachloride	8.204	117	188739	56.085	ug/l	97
39) Methylcyclohexane	9.457	83	182715	54.069	ug/l	97
40) Benzene	8.457	78	437084	48.660	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	93849	52.538	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	189658	52.532	ug/l	95
43) Isopropyl Acetate	8.557	43	280320	50.588	ug/l	95
44) Trichloroethene	9.216	130	112250	49.227	ug/l	98
45) 1,2-Dichloropropane	9.486	63	108652	47.365	ug/l	97
46) Dibromomethane	9.575	93	79701	49.899	ug/l	95
47) Bromodichloromethane	9.757	83	173976	53.428	ug/l	98
48) Methyl methacrylate	9.557	41	139767	54.062	ug/l	87
49) 1,4-Dioxane	9.563	88	45677	1035.725	ug/l #	94
51) 4-Methyl-2-Pentanone	10.328	43	906786	263.537	ug/l	94
52) Toluene	10.504	92	283763	51.233	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	185201	55.875	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	181845	51.422	ug/l #	88
55) 1,1,2-Trichloroethane	10.892	97	114217	49.501	ug/l	98
56) Ethyl methacrylate	10.757	69	182940	55.320	ug/l	89
57) 1,3-Dichloropropane	11.039	76	197000	50.139	ug/l	99
59) 2-Hexanone	11.080	43	674031	279.373	ug/l	90
60) Dibromochloromethane	11.233	129	137457	56.081	ug/l	99
61) 1,2-Dibromoethane	11.339	107	119529	51.981	ug/l	98
64) Tetrachloroethene	10.975	164	97246	46.464	ug/l	92
65) Chlorobenzene	11.769	112	299311	50.383	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.833	131	125163	52.639	ug/l	96
67) Ethyl Benzene	11.839	91	564965	55.119	ug/l	98
68) m/p-Xylenes	11.951	106	432314	111.207	ug/l	92
69) o-Xylene	12.275	106	217124	56.846	ug/l	94
70) Styrene	12.292	104	312651	53.506	ug/l	95
71) Bromoform	12.451	173	101146	57.666	ug/l #	98
73) Isopropylbenzene	12.575	105	567018	48.368	ug/l	98
74) N-amyl acetate	12.380	43	223897	54.033	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.822	83	171092	40.200	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	159997m	43.349	ug/l	
77) Bromobenzene	12.857	156	131817	46.998	ug/l	98
78) n-propylbenzene	12.916	91	634893	50.611	ug/l	99
79) 2-Chlorotoluene	13.004	91	393376	47.734	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	491799	51.222	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.622	75	54502	49.262	ug/l	89
82) 4-Chlorotoluene	13.098	91	383750	49.136	ug/l	96
83) tert-Butylbenzene	13.316	119	428616	50.993	ug/l	95
84) 1,2,4-Trimethylbenzene	13.363	105	485115	51.940	ug/l	96
85) sec-Butylbenzene	13.498	105	584203	52.116	ug/l	98
86) p-Isopropyltoluene	13.610	119	478613	54.812	ug/l	96
87) 1,3-Dichlorobenzene	13.610	146	238337	49.273	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	229839	47.763	ug/l	98
89) n-Butylbenzene	13.939	91	385704	57.787	ug/l	99
90) Hexachloroethane	14.204	117	94991	54.439	ug/l	93
91) 1,2-Dichlorobenzene	13.986	146	232542	48.136	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	41465	56.028	ug/l	84
93) 1,2,4-Trichlorobenzene	15.257	180	116018	63.397	ug/l	98
94) Hexachlorobutadiene	15.363	225	66555	54.928	ug/l	99
95) Naphthalene	15.498	128	404153	59.136	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	116077	63.294	ug/l	98

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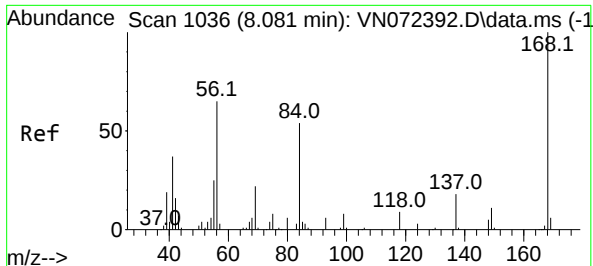
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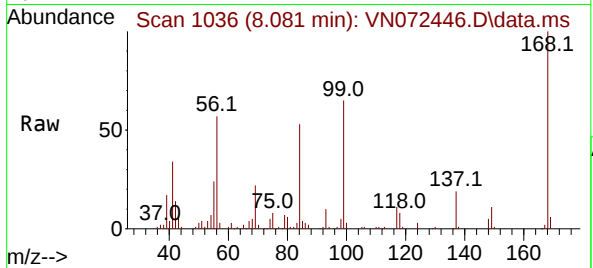
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

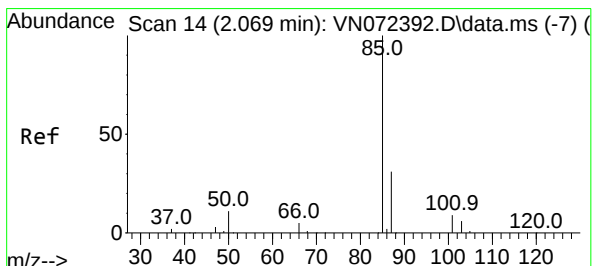
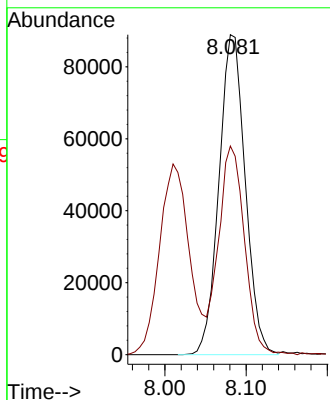
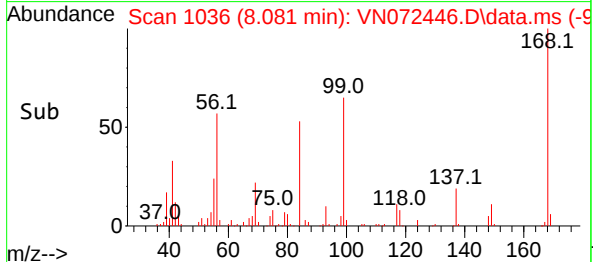
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MS



Tgt Ion:168 Resp: 199828
Ion Ratio Lower Upper
168 100
99 64.4 42.3 63.5

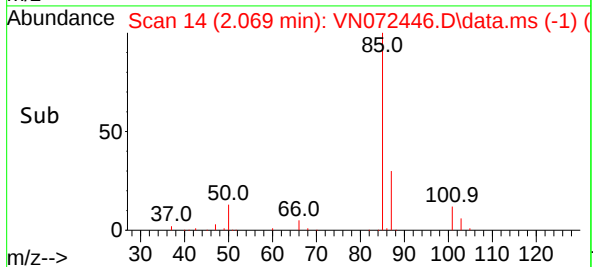
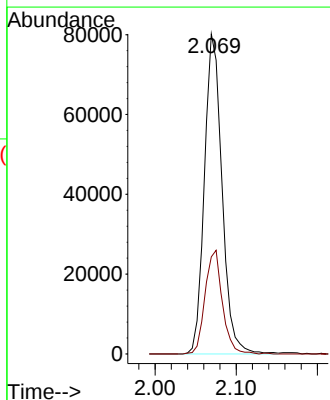
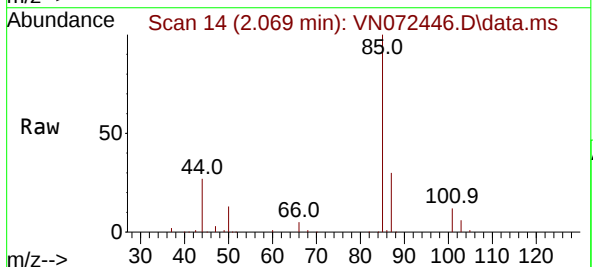
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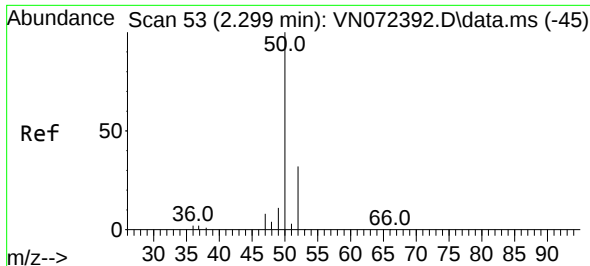
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#2
Dichlorodifluoromethane
Concen: 48.413 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

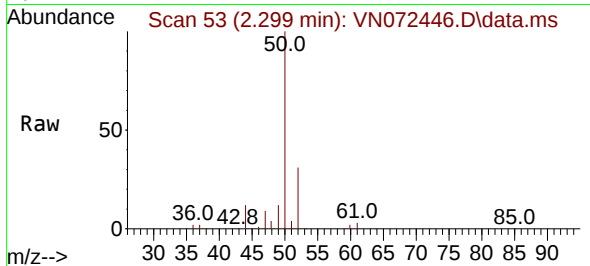
Tgt Ion: 85 Resp: 120653
Ion Ratio Lower Upper
85 100
87 30.4 15.7 47.1





#3
Chloromethane
Concen: 44.839 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

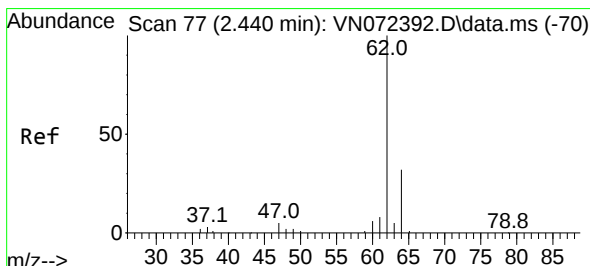
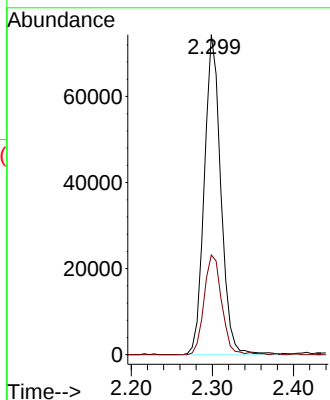
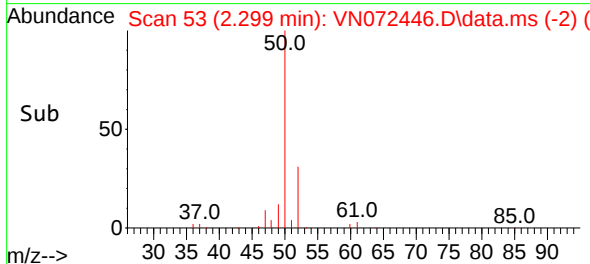
Instrument :
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Tgt Ion: 50 Resp: 10490
Ion Ratio Lower Upper
50 100
52 31.2 25.7 38.5

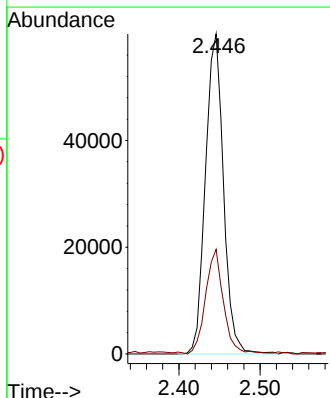
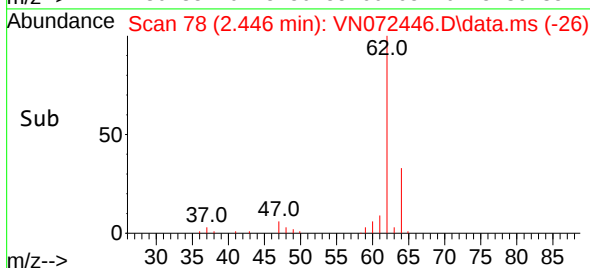
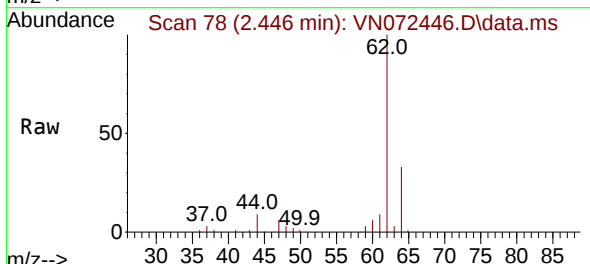
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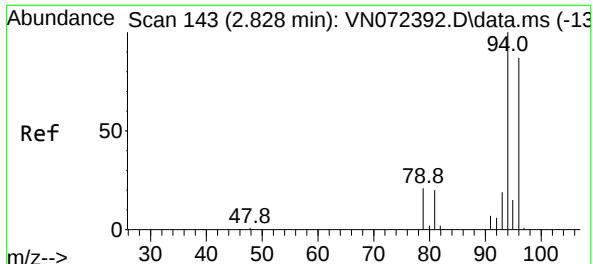
Reviewed By :John Carlone 05/13/2022
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#4
Vinyl Chloride
Concen: 43.549 ug/l
RT: 2.446 min Scan# 78
Delta R.T. 0.006 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

Tgt Ion: 62 Resp: 92413
Ion Ratio Lower Upper
62 100
64 32.1 25.0 37.4





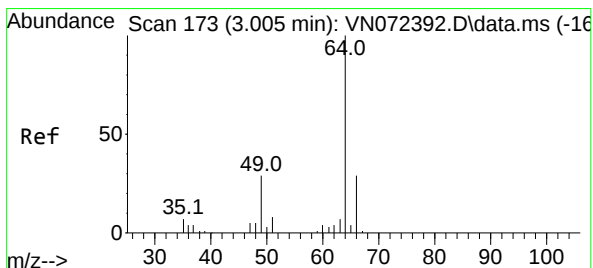
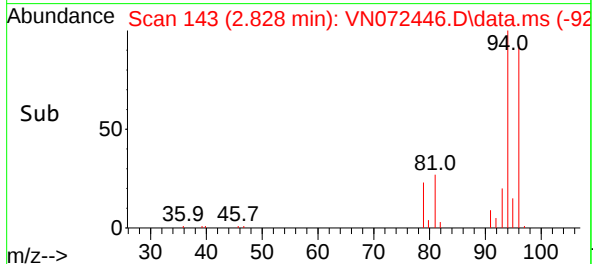
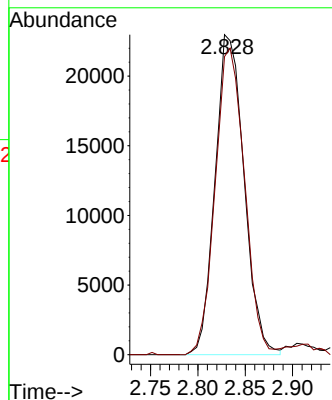
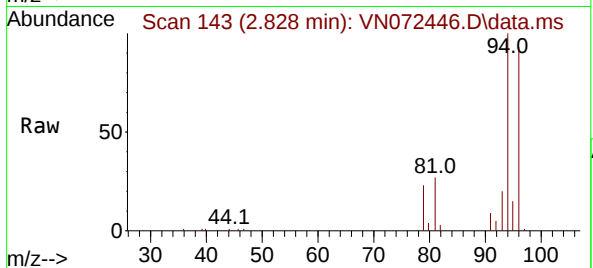
#5
Bromomethane
Concen: 38.682 ug/l
RT: 2.828 min Scan# 143
Delta R.T. 0.000 min
Lab File: VN072446.D
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Instrument :
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Tgt Ion: 94 Resp: 4887
Ion Ratio Lower Upper
94 100
96 93.2 76.0 114.0

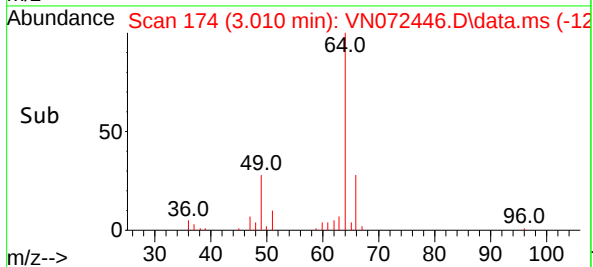
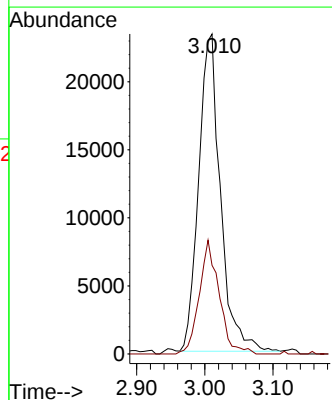
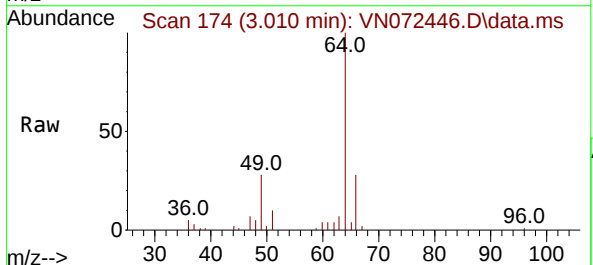
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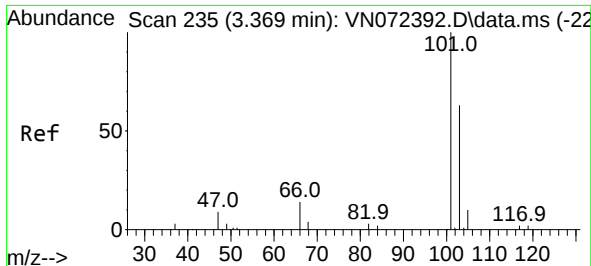
Reviewed By :John Carlone 05/13/2022
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#6
Chloroethane
Concen: 46.467 ug/l
RT: 3.010 min Scan# 174
Delta R.T. 0.005 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

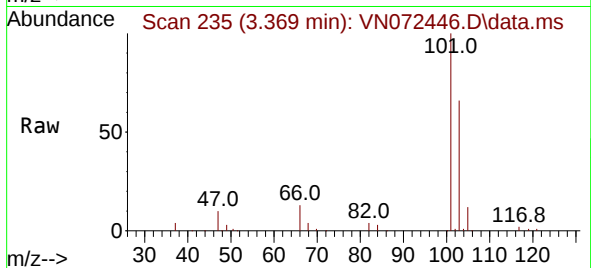
Tgt Ion: 64 Resp: 51772
Ion Ratio Lower Upper
64 100
66 27.9 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 51.447 ug/l
 RT: 3.369 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN072446.D
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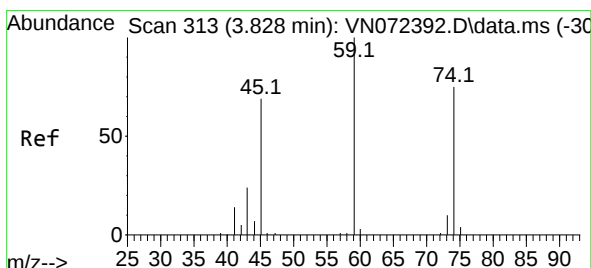
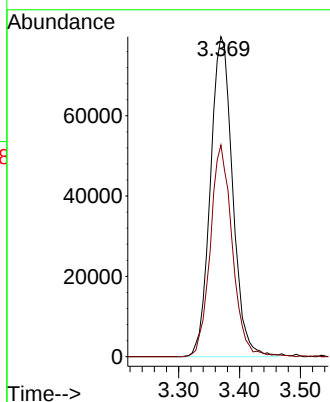
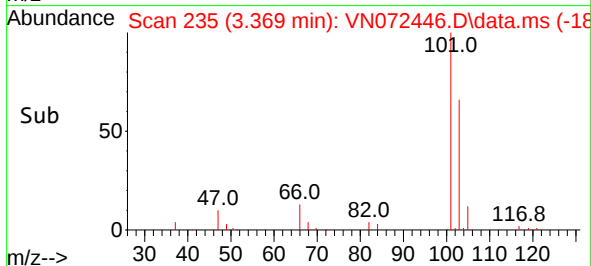
Instrument :
 MSVOA_N
 ClientSampleId :
 BEM-MW-04MS



Tgt Ion:101 Resp: 20234
 Ion Ratio Lower Upper
 101 100
 103 66.2 51.5 77.3

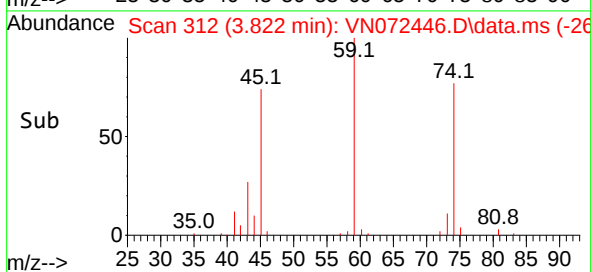
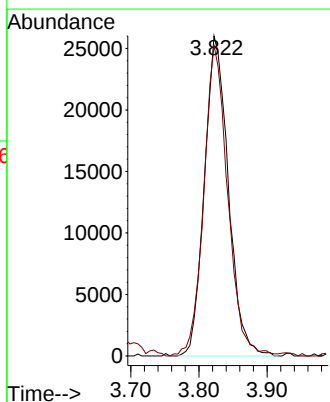
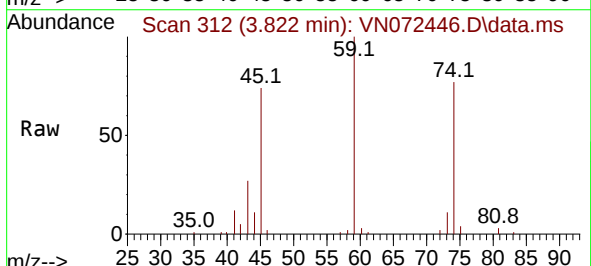
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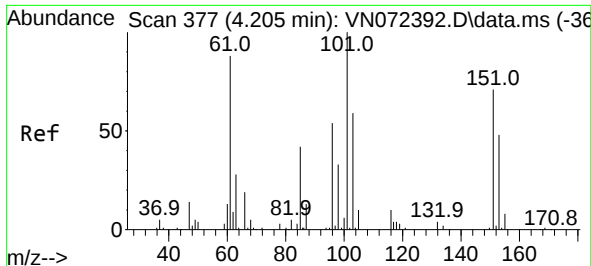
Reviewed By :John Carlone 05/13/2022
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#8
 Diethyl Ether
 Concen: 44.847 ug/l
 RT: 3.822 min Scan# 312
 Delta R.T. -0.006 min
 Lab File: VN072446.D
 Acq: 12 May 2022 12:19

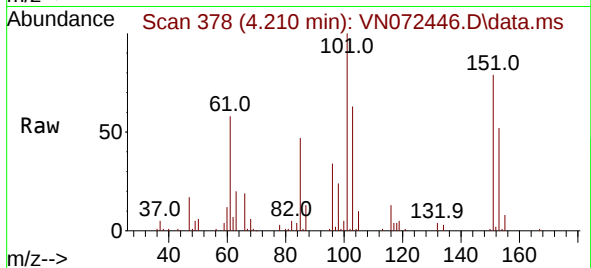
Tgt Ion: 74 Resp: 63632
 Ion Ratio Lower Upper
 74 100
 45 97.0 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.910 ug/l
RT: 4.210 min Scan# 377
Delta R.T. 0.005 min
Lab File: VN072446.D
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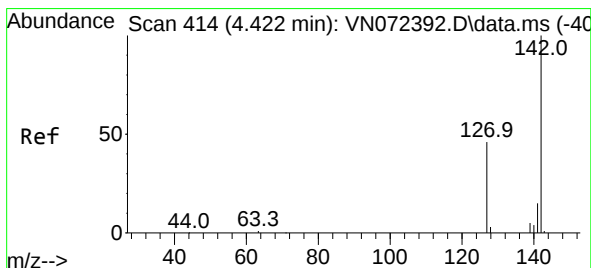
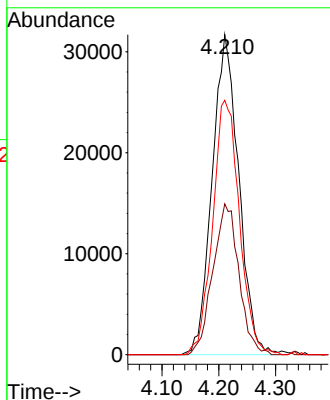
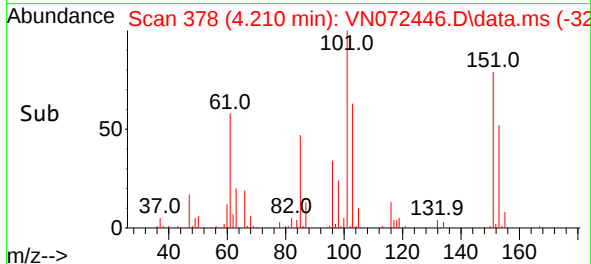
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MS



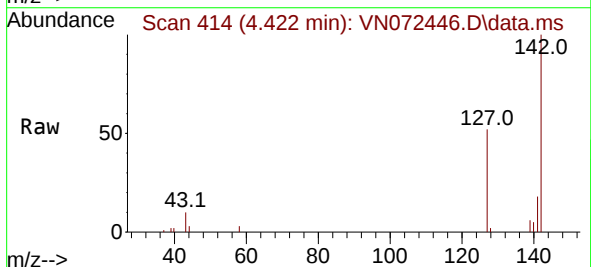
Tgt Ion:101 Resp: 102819
Ion Ratio Lower Upper
101 100
85 46.4 34.7 52.1
151 80.2 63.0 94.4

Manual Integrations
APPROVED

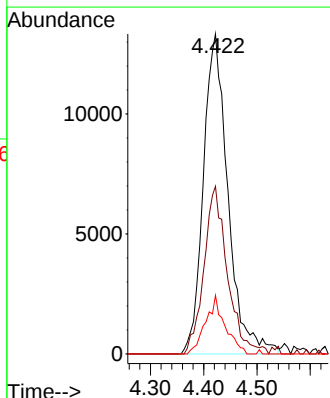
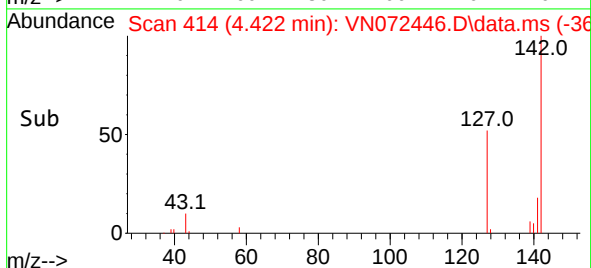
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

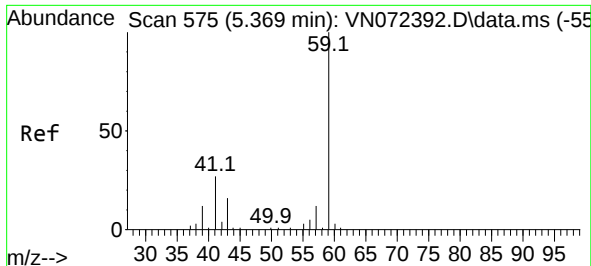


#10
Methyl Iodide
Concen: 15.027 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19



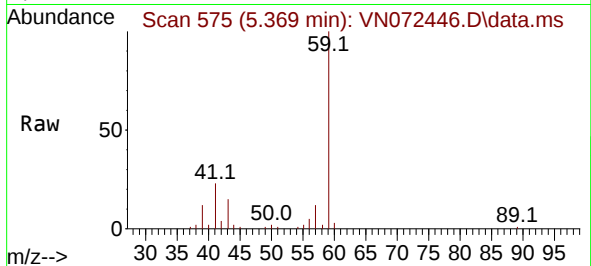
Tgt Ion:142 Resp: 42749
Ion Ratio Lower Upper
142 100
127 49.9 31.3 46.9#
141 14.4 11.2 16.8





#11
Tert butyl alcohol
Concen: 253.245 ug/l
RT: 5.369 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

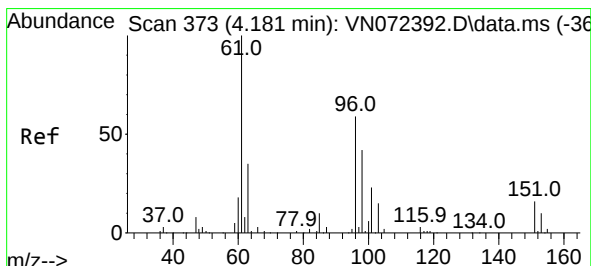
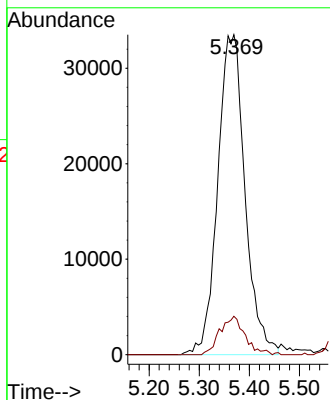
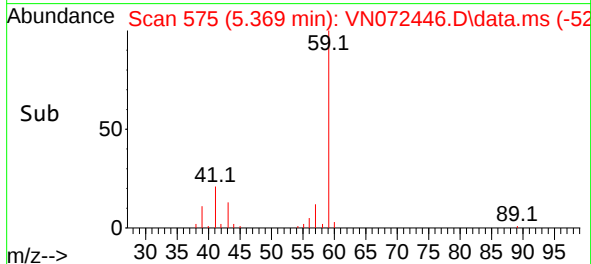
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MS



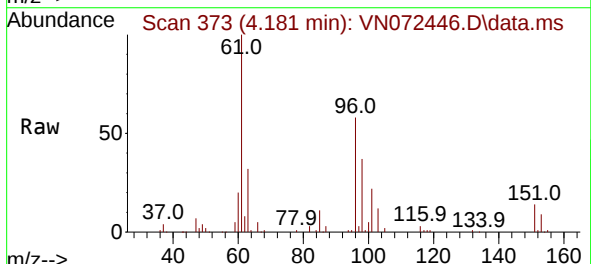
Tgt Ion: 59 Resp: 126740
Ion Ratio Lower Upper
59 100
57 11.0 8.3 12.5

Manual Integrations
APPROVED

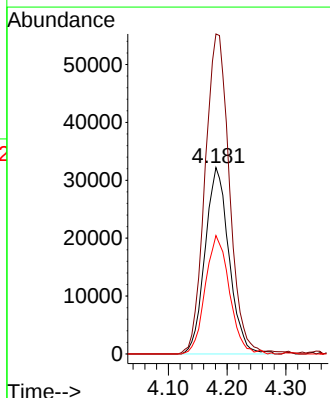
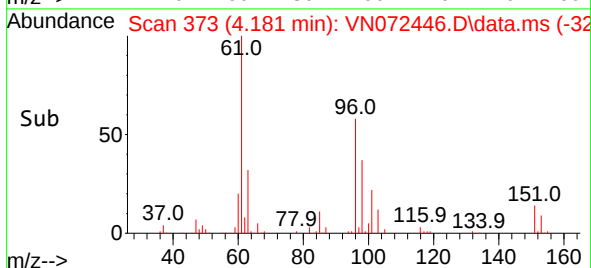
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

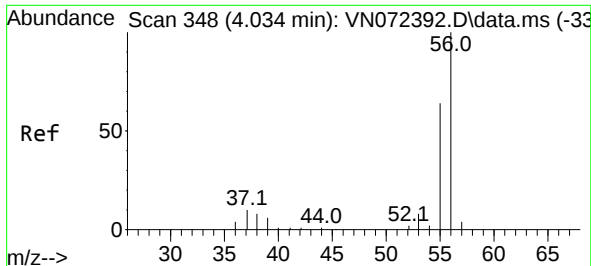


#12
1,1-Dichloroethene
Concen: 45.382 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19



Tgt Ion: 96 Resp: 91256
Ion Ratio Lower Upper
96 100
61 171.7 127.6 191.4
98 63.6 51.2 76.8





#13

Acrolein

Concen: 204.266 ug/l

RT: 4.040 min Scan# 348

Delta R.T. 0.006 min

Lab File: VN072446.D

Acq: 12 May 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

BEM-MW-04MS

Tgt Ion: 56 Resp: 100019

Ion Ratio Lower Upper

56 100

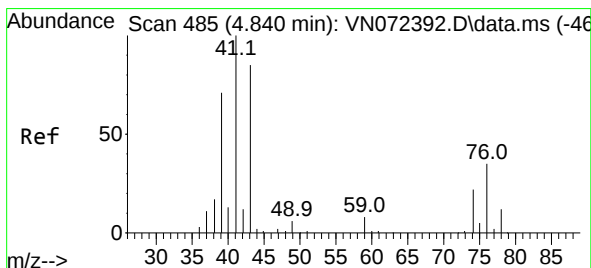
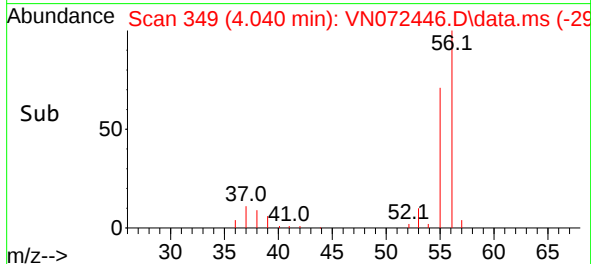
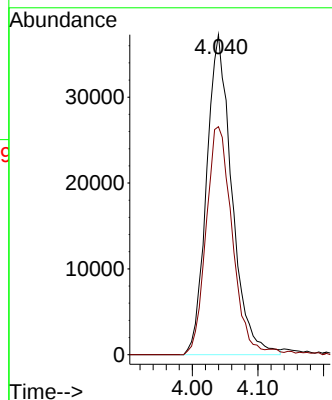
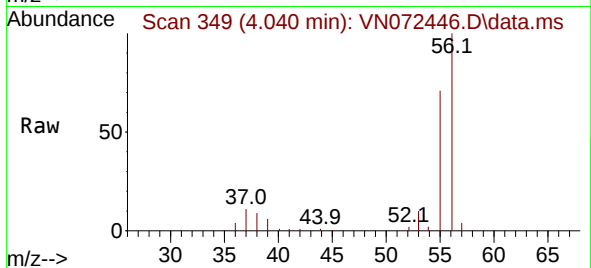
55 72.9 54.8 82.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#14

Allyl chloride

Concen: 46.247 ug/l

RT: 4.840 min Scan# 485

Delta R.T. -0.000 min

Lab File: VN072446.D

Acq: 12 May 2022 12:19

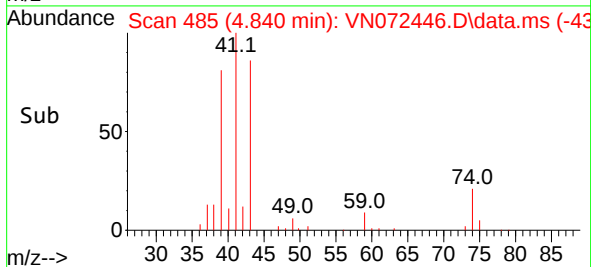
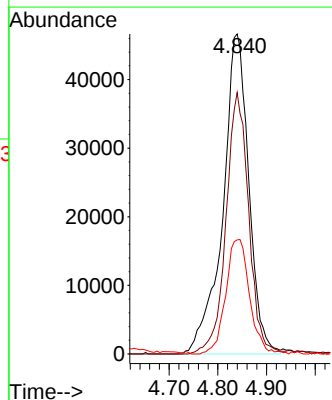
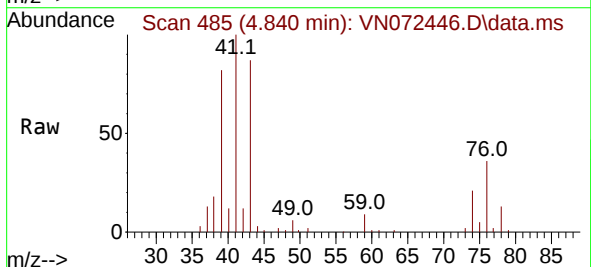
Tgt Ion: 41 Resp: 173148

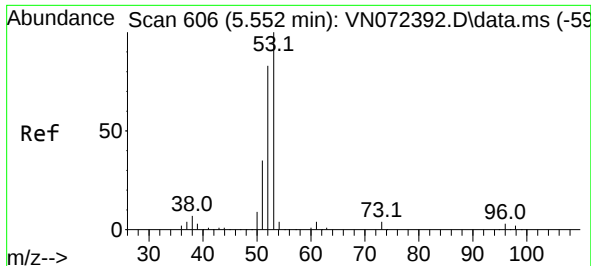
Ion Ratio Lower Upper

41 100

39 71.0 53.2 79.8

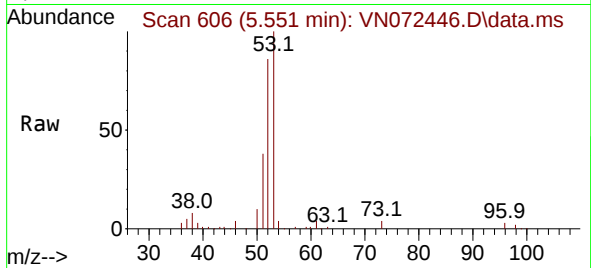
76 32.8 29.9 44.9





#15
Acrylonitrile
Concen: 225.378 ug/l
RT: 5.551 min Scan# 606
Delta R.T. -0.001 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

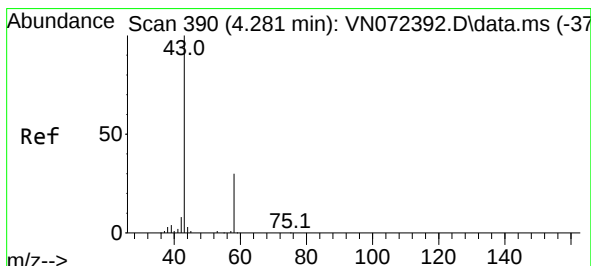
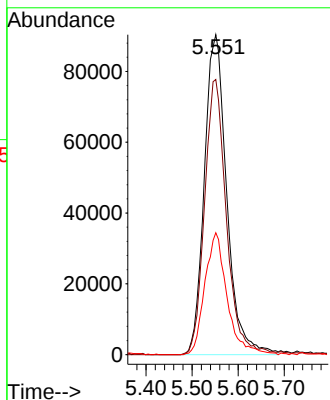
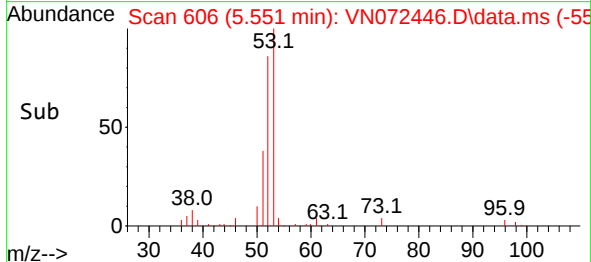
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MS



Tgt Ion: 53 Resp: 30650
Ion Ratio Lower Upper
53 100
52 83.8 66.4 99.6
51 37.8 28.5 42.7

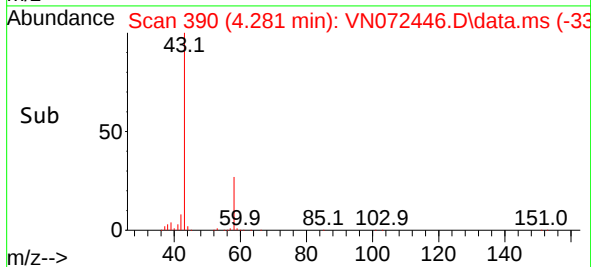
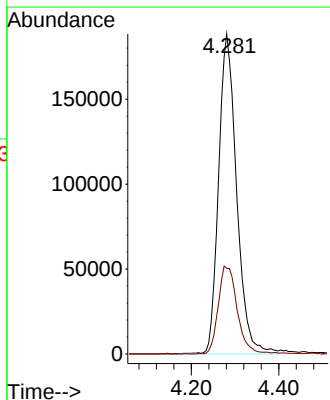
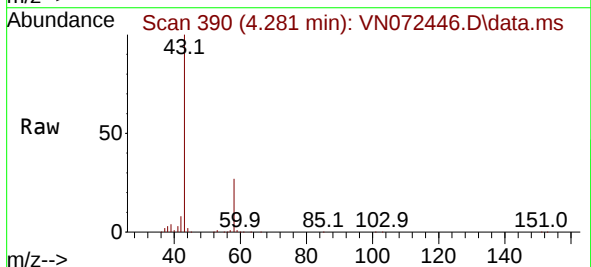
Manual Integrations
APPROVED

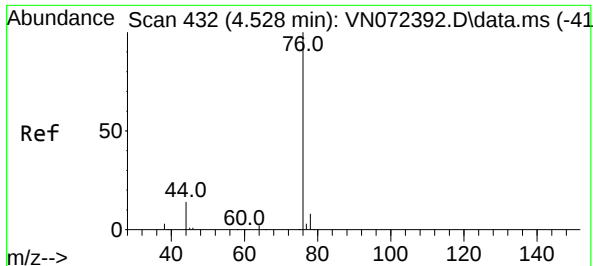
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#16
Acetone
Concen: 443.449 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

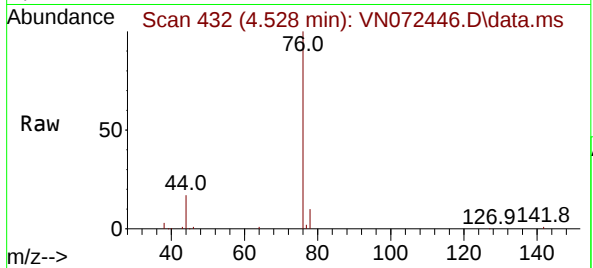
Tgt Ion: 43 Resp: 537522
Ion Ratio Lower Upper
43 100
58 26.7 26.0 39.0





#17
Carbon Disulfide
Concen: 42.884 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

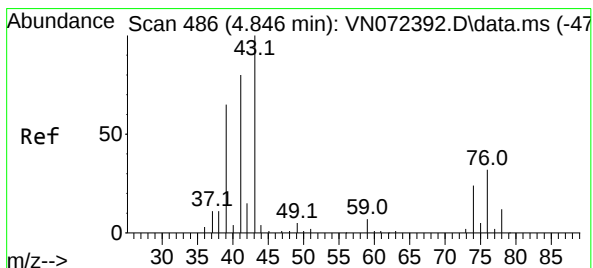
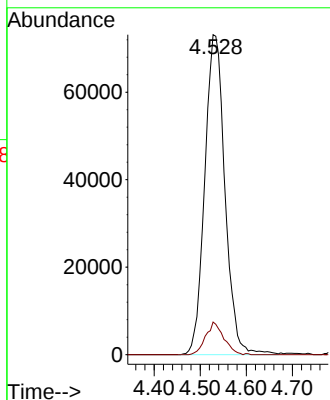
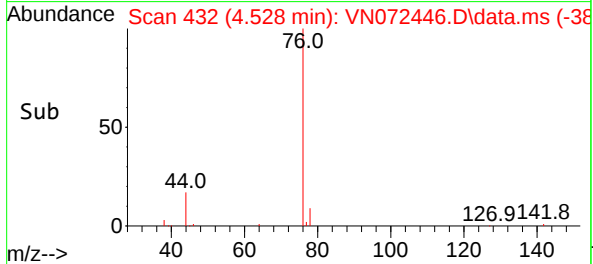
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MS



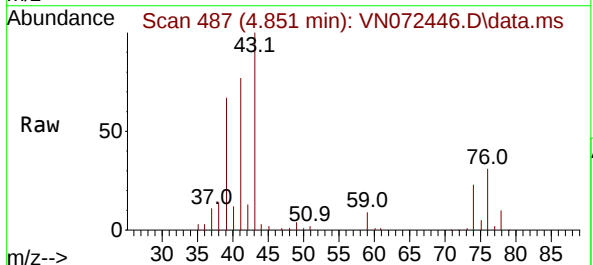
Tgt Ion: 76 Resp: 223644
Ion Ratio Lower Upper
76 100
78 10.2 7.2 10.8

Manual Integrations
APPROVED

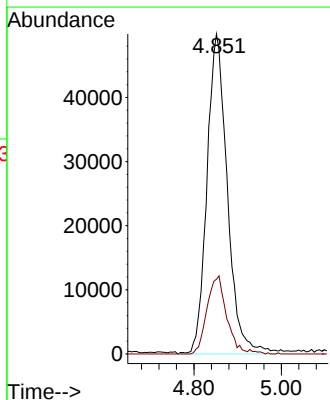
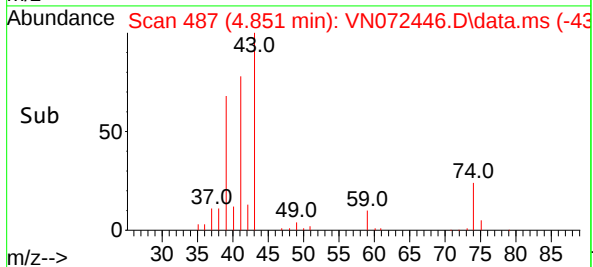
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

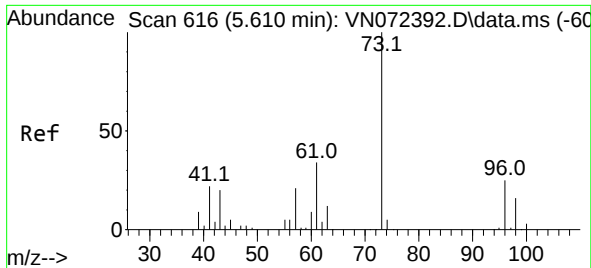


#18
Methyl Acetate
Concen: 45.349 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.005 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19



Tgt Ion: 43 Resp: 161843
Ion Ratio Lower Upper
43 100
74 23.2 21.6 32.4





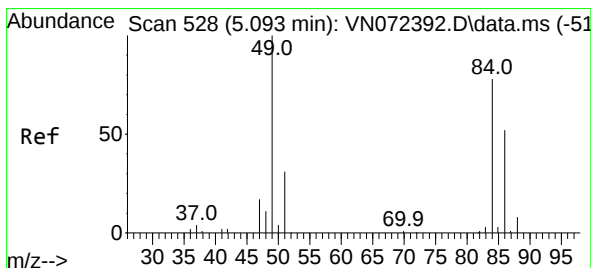
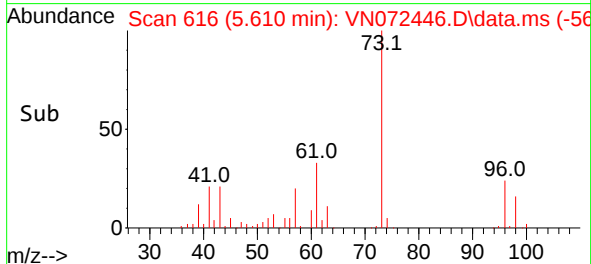
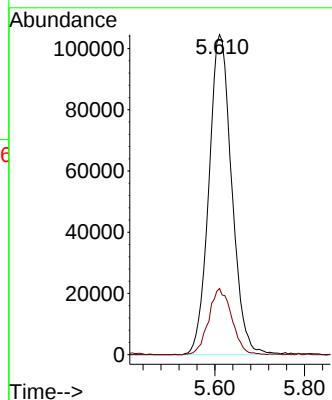
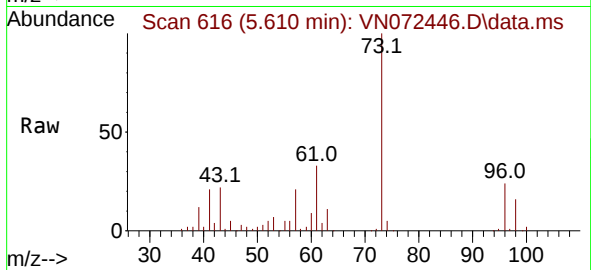
#19
Methyl tert-butyl Ether
Concen: 50.987 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MS

Tgt Ion: 73 Resp: 37051
Ion Ratio Lower Upper
73 100
57 20.7 17.6 26.4

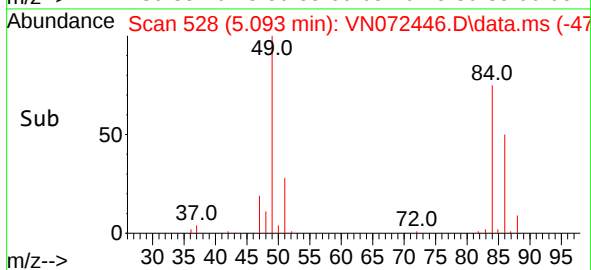
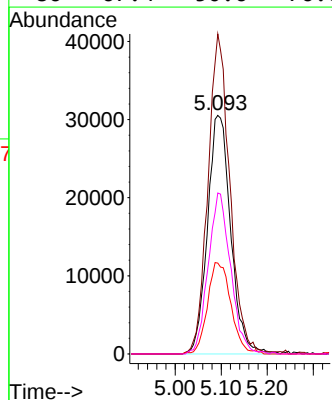
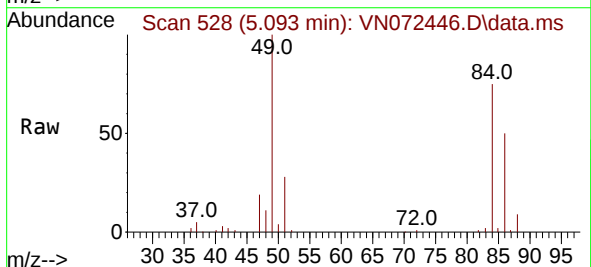
Manual Integrations
APPROVED

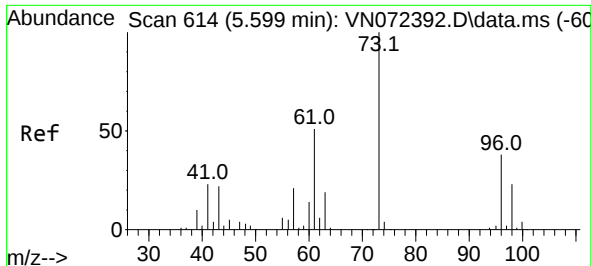
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#20
Methylene Chloride
Concen: 43.021 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

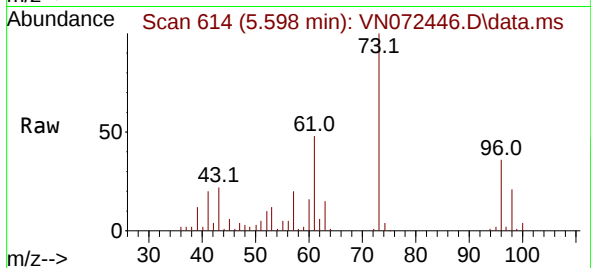
Tgt Ion: 84 Resp: 106922
Ion Ratio Lower Upper
84 100
49 134.1 88.3 132.5#
51 38.1 28.2 42.2
86 67.4 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 46.368 ug/l
RT: 5.598 min Scan# 614
Delta R.T. -0.001 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

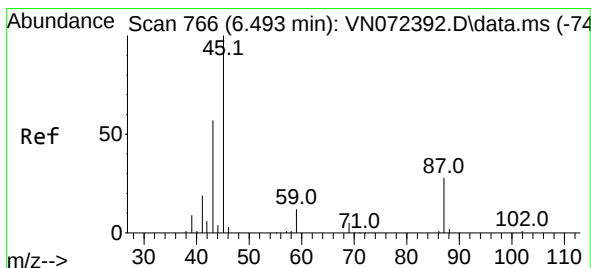
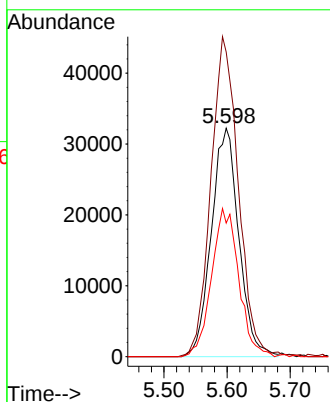
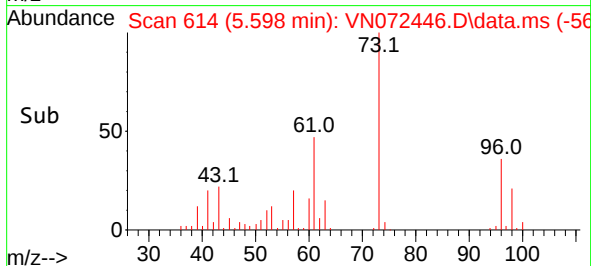
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MS



Tgt Ion: 96 Resp: 97550
Ion Ratio Lower Upper
96 100
61 133.3 105.8 158.8
98 58.5 50.3 75.5

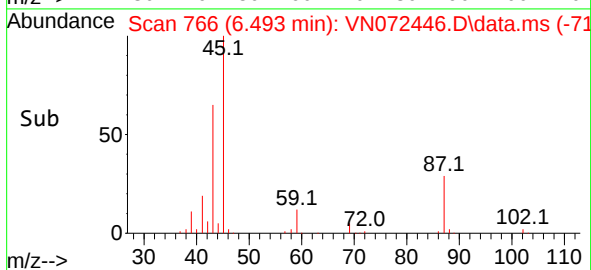
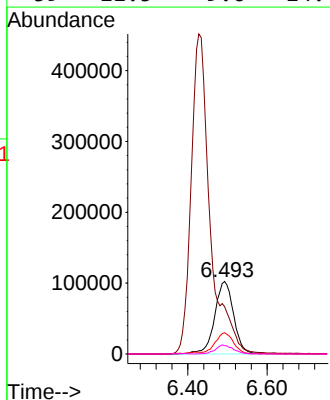
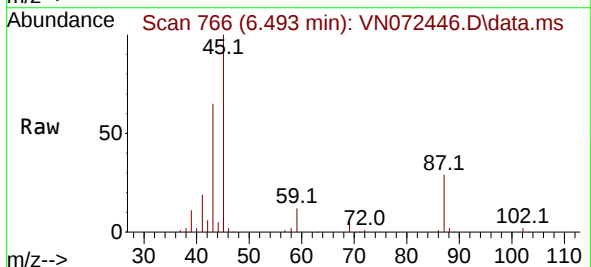
Manual Integrations
APPROVED

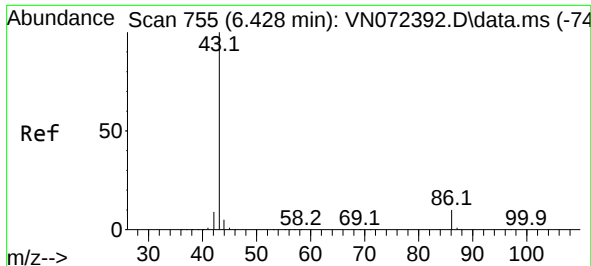
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#22
Diisopropyl ether
Concen: 44.756 ug/l
RT: 6.493 min Scan# 766
Delta R.T. -0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

Tgt Ion: 45 Resp: 340497
Ion Ratio Lower Upper
45 100
43 64.2 46.6 70.0
87 29.4 24.3 36.5
59 11.5 9.6 14.4





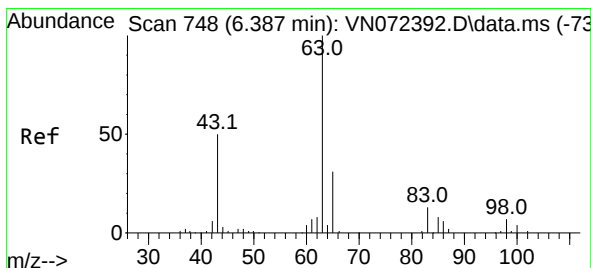
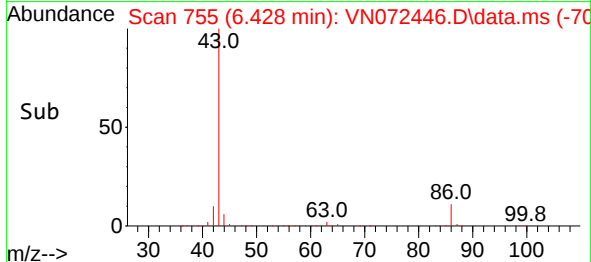
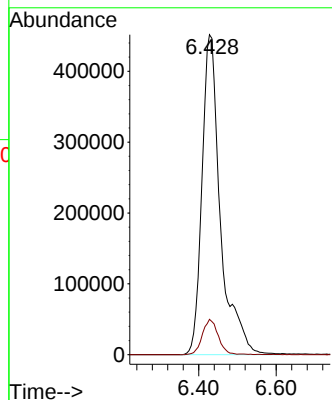
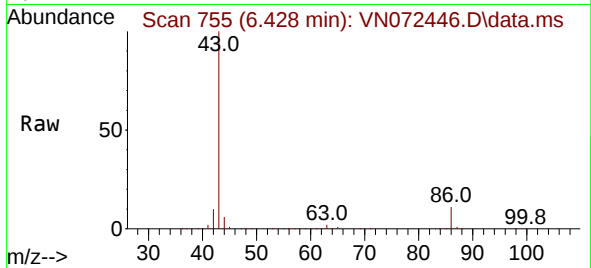
#23
 Vinyl Acetate
 Concen: 234.767 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN072446.D
 Acq: 12 May 2022 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 BEM-MW-04MS

Tgt Ion: 43 Resp: 149446
 Ion Ratio Lower Upper
 43 100
 86 11.1 10.0 15.0

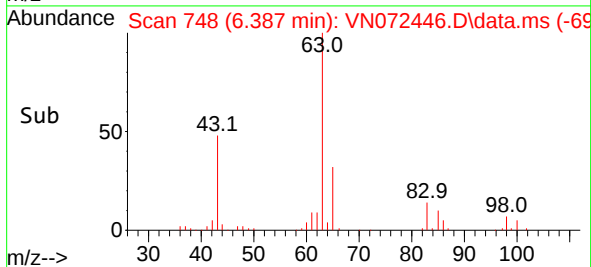
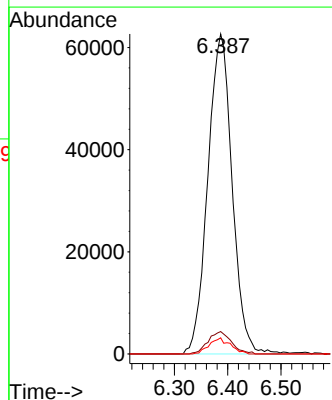
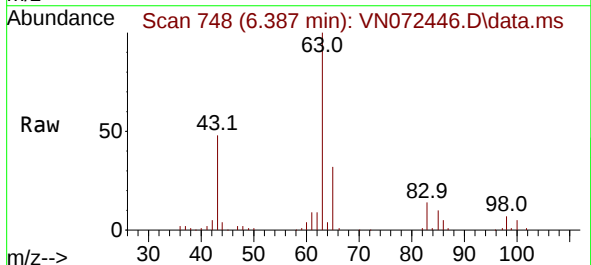
Manual Integrations
 APPROVED

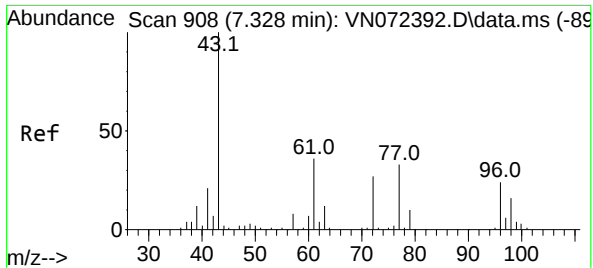
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022



#24
 1,1-Dichloroethane
 Concen: 46.246 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. -0.000 min
 Lab File: VN072446.D
 Acq: 12 May 2022 12:19

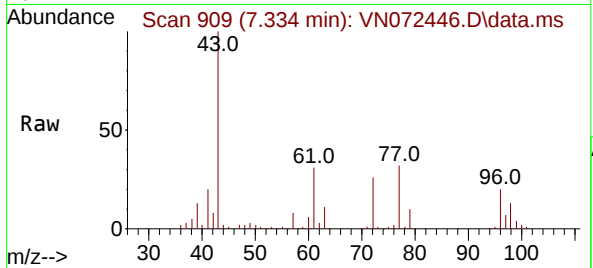
Tgt Ion: 63 Resp: 198541
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.4
 100 5.1 2.3 6.8





#25
2-Butanone
Concen: 252.056 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

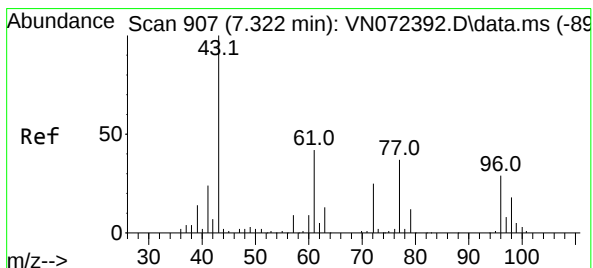
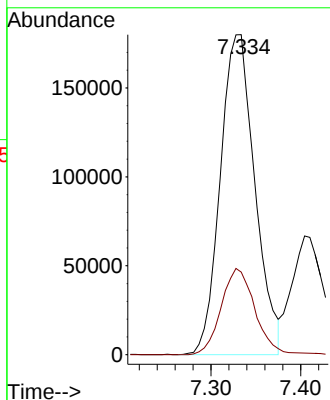
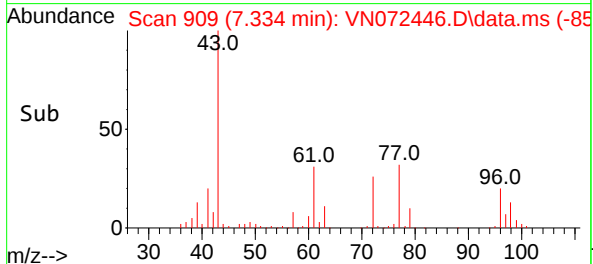
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MS



Tgt Ion: 43 Resp: 482190
Ion Ratio Lower Upper
43 100
72 25.8 23.7 35.5

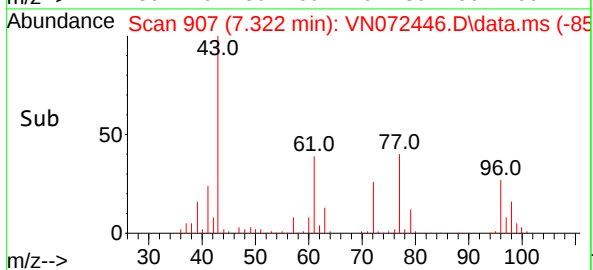
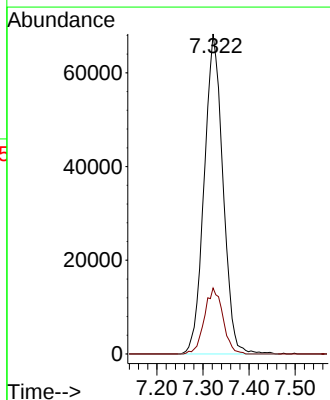
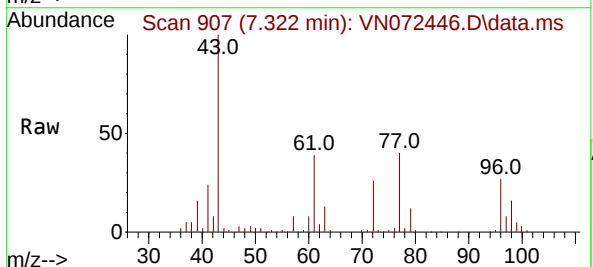
Manual Integrations
APPROVED

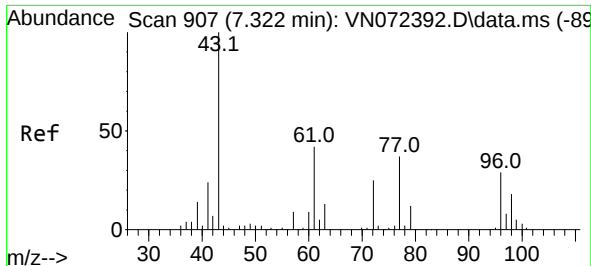
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#26
2,2-Dichloropropane
Concen: 53.732 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

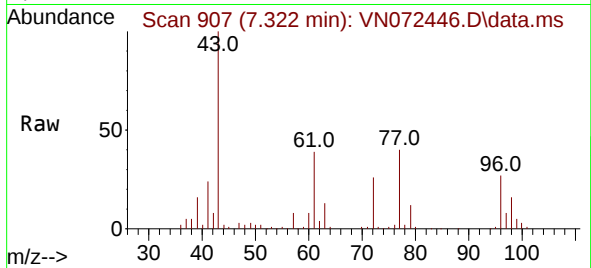
Tgt Ion: 77 Resp: 193850
Ion Ratio Lower Upper
77 100
97 20.3 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 46.655 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VN072446.D
 Acq: 12 May 2022 12:19

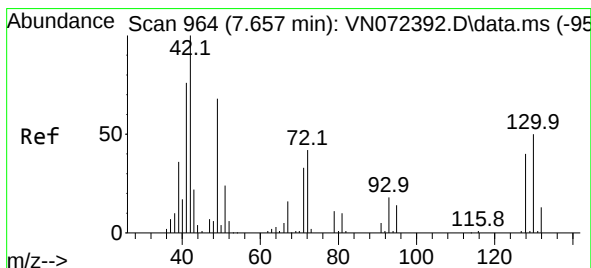
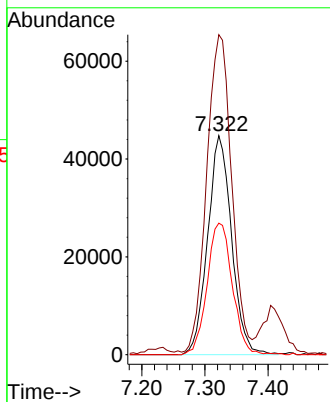
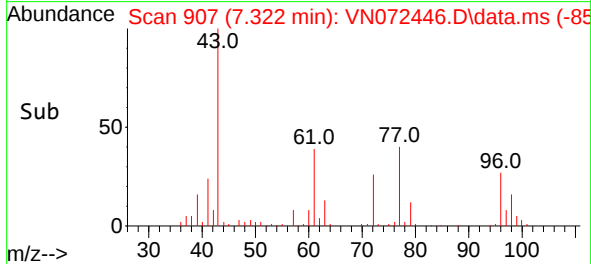
Instrument :
 MSVOA_N
 ClientSampleId :
 BEM-MW-04MS



Tgt Ion: 96 Resp: 11800
 Ion Ratio Lower Upper
 96 100
 61 152.0 0.0 280.6
 98 63.2 0.0 128.4

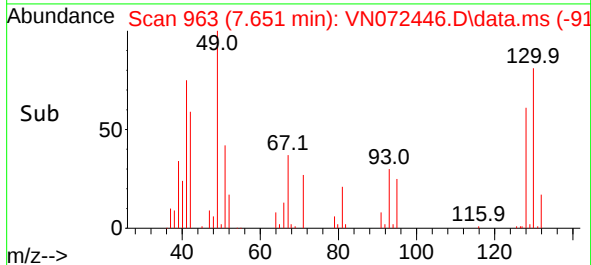
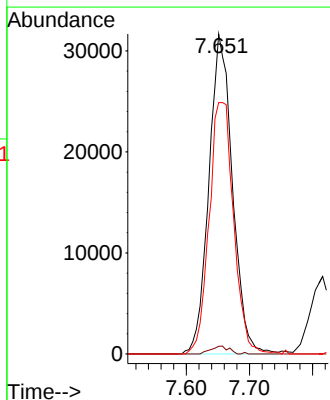
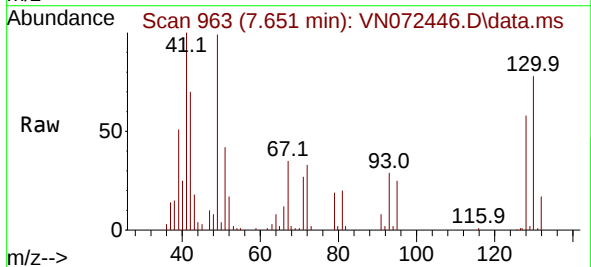
Manual Integrations
 APPROVED

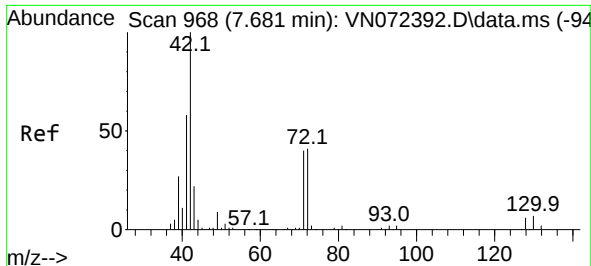
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022



#28
 Bromochloromethane
 Concen: 45.013 ug/l
 RT: 7.651 min Scan# 963
 Delta R.T. -0.006 min
 Lab File: VN072446.D
 Acq: 12 May 2022 12:19

Tgt Ion: 49 Resp: 82053
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.6
 130 81.6 69.7 104.5





#29

Tetrahydrofuran

Concen: 226.146 ug/l

RT: 7.681 min Scan# 90

Delta R.T. -0.000 min

Lab File: VN072446.D

Acq: 12 May 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

BEM-MW-04MS

Tgt Ion: 42 Resp: 281170

Ion Ratio Lower Upper

42 100

72 45.2 39.7 59.5

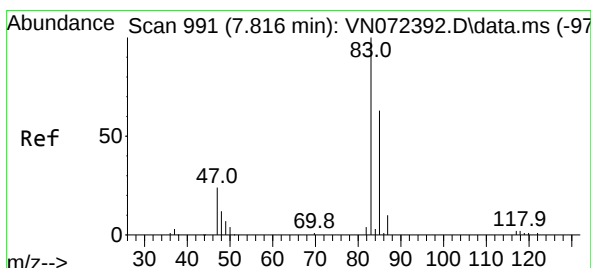
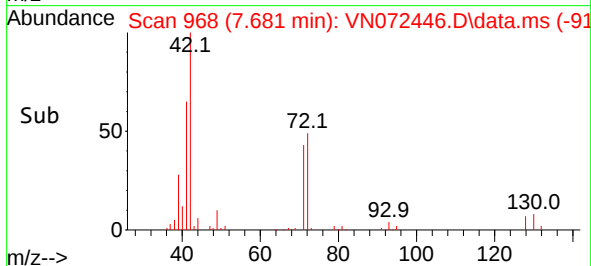
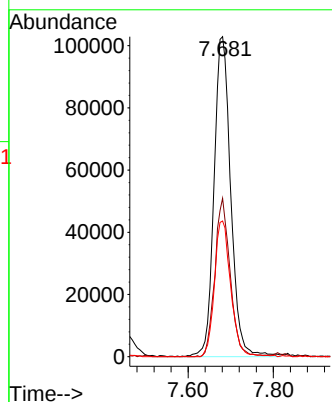
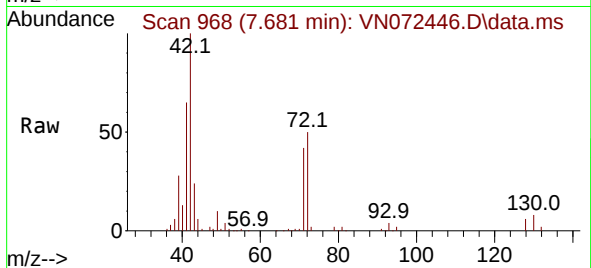
71 41.4 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#30

Chloroform

Concen: 49.402 ug/l

RT: 7.816 min Scan# 991

Delta R.T. -0.000 min

Lab File: VN072446.D

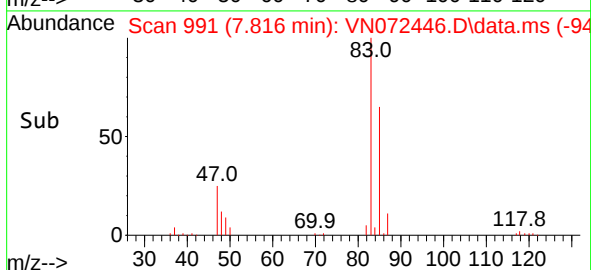
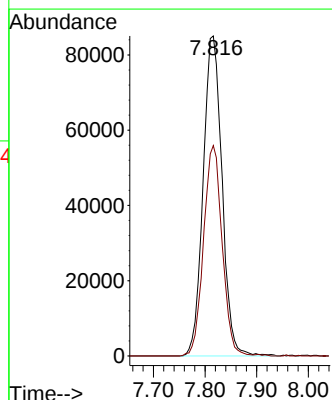
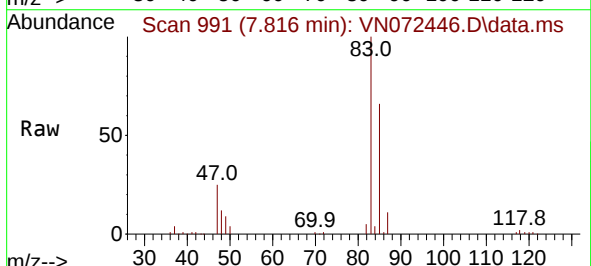
Acq: 12 May 2022 12:19

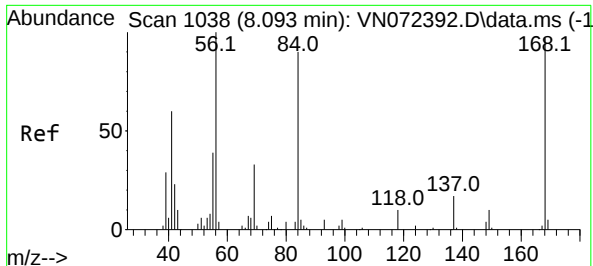
Tgt Ion: 83 Resp: 215771

Ion Ratio Lower Upper

83 100

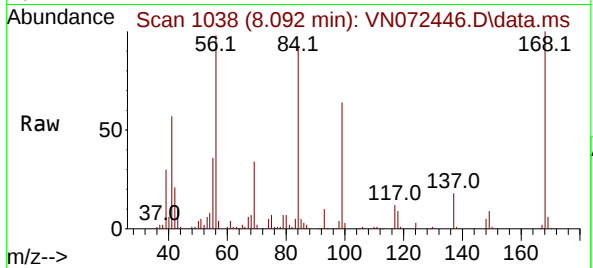
85 65.8 51.8 77.8





#31
Cyclohexane
Concen: 42.104 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.001 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

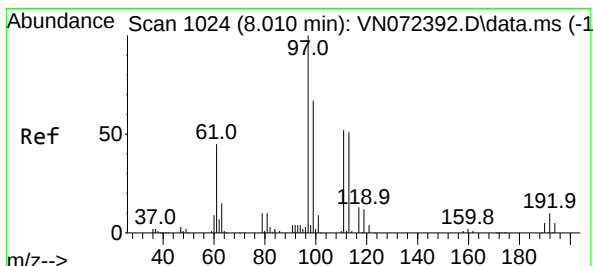
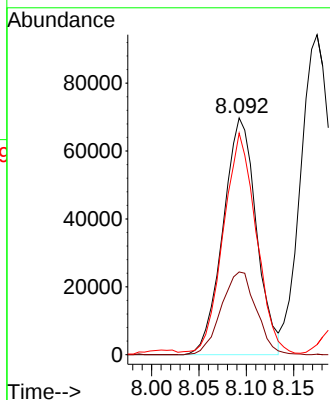
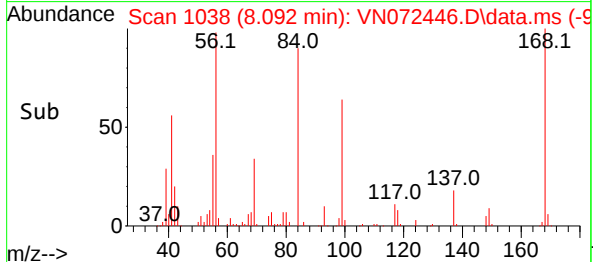
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MS



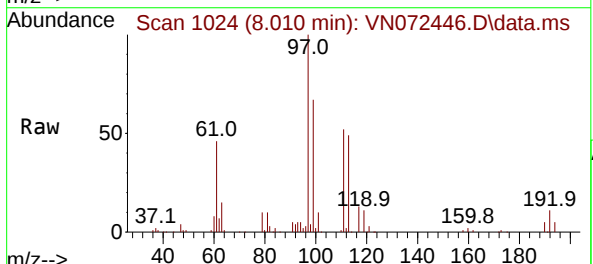
Tgt Ion: 56 Resp: 17075
Ion Ratio Lower Upper
56 100
69 34.9 27.8 41.8
84 92.5 76.9 115.3

Manual Integrations
APPROVED

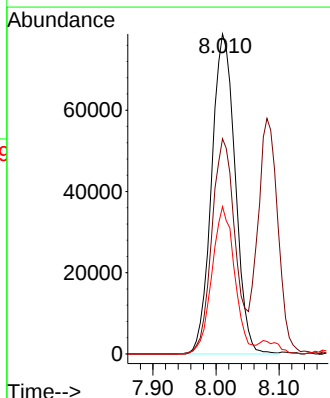
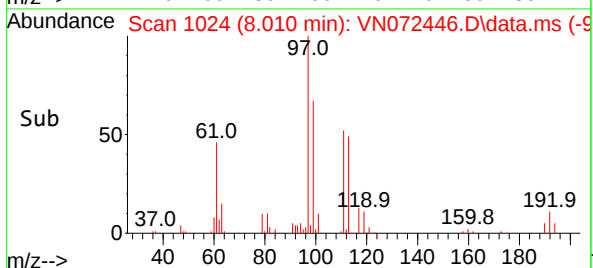
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

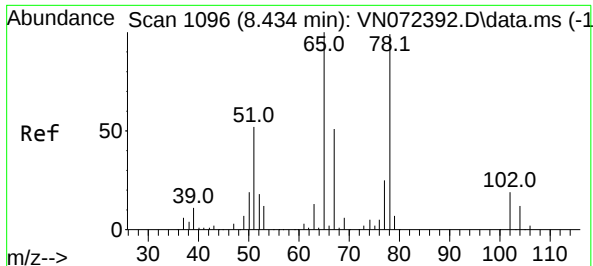


#32
1,1,1-Trichloroethane
Concen: 51.014 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19



Tgt Ion: 97 Resp: 204364
Ion Ratio Lower Upper
97 100
99 67.1 50.6 76.0
61 44.8 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 50.989 ug/l

RT: 8.428 min Scan# 1095

Delta R.T. -0.006 min

Lab File: VN072446.D

Acq: 12 May 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

BEM-MW-04MS

Tgt Ion: 65 Resp: 15606

Ion Ratio Lower Upper

65 100

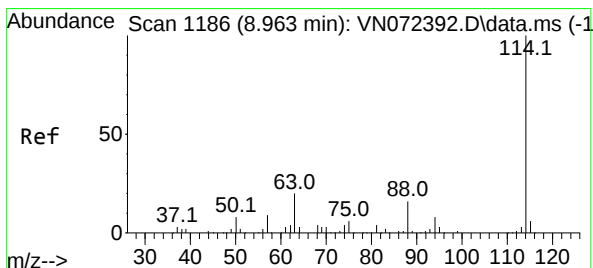
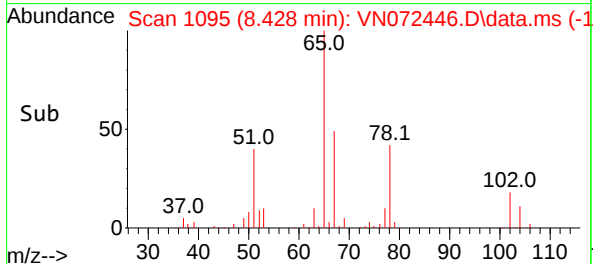
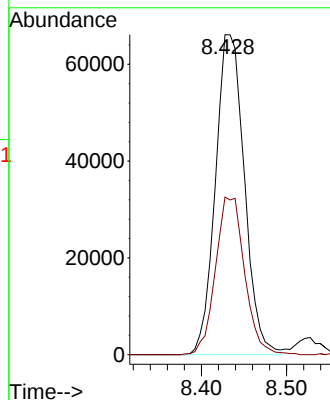
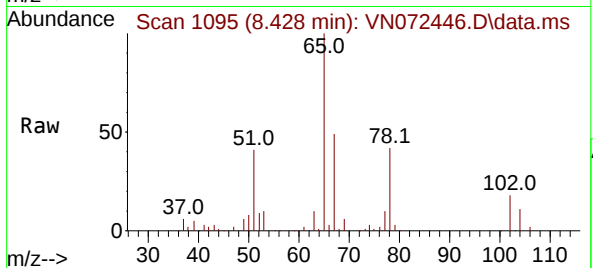
67 49.6 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072446.D

Acq: 12 May 2022 12:19

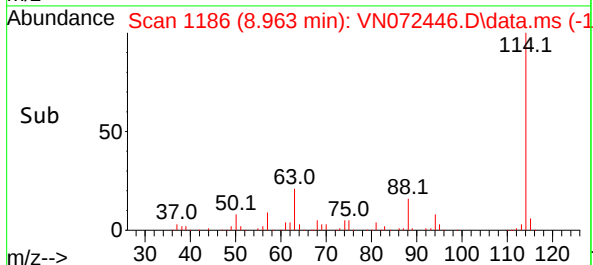
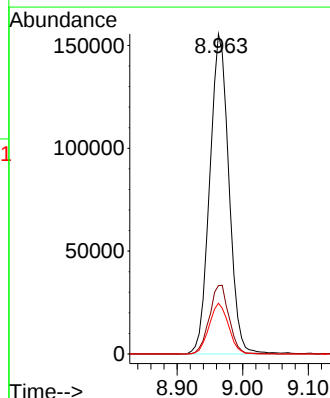
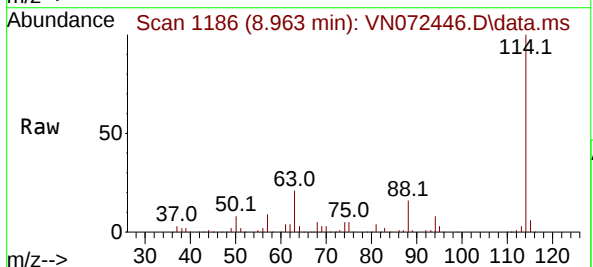
Tgt Ion:114 Resp: 314670

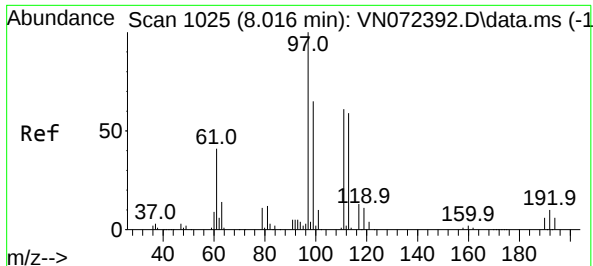
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.0

88 15.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.125 ug/l

RT: 8.016 min Scan# 10912

Delta R.T. -0.000 min

Lab File: VN072446.D

Acq: 12 May 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

BEM-MW-04MS

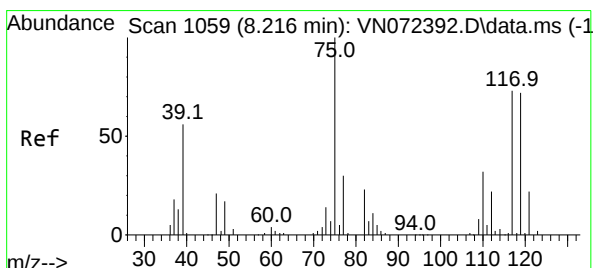
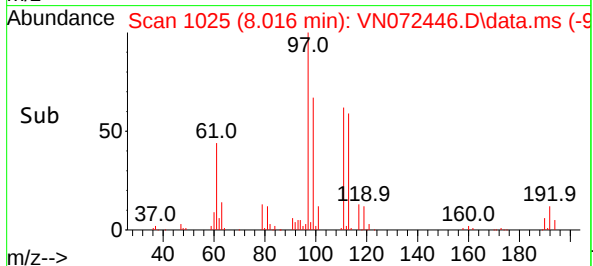
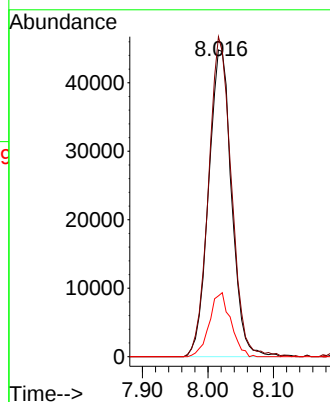
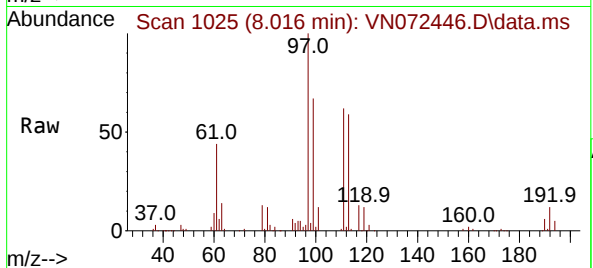
Tgt Ion:	113	Resp:	10912
Ion Ratio	Lower	Upper	
113	100		
111	104.1	81.4	122.0
192	19.4	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#36

1,1-Dichloropropene

Concen: 50.469 ug/l

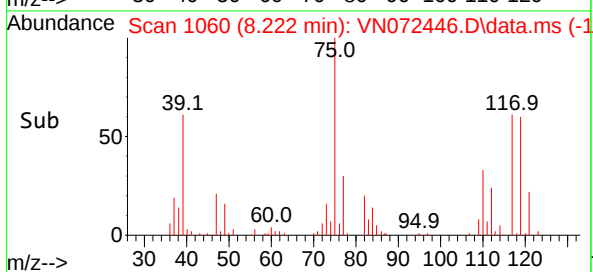
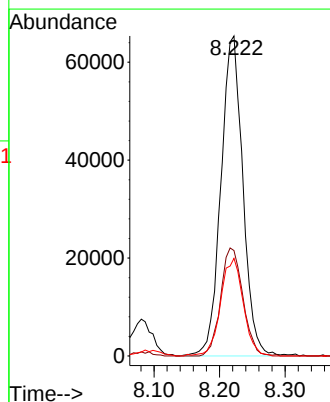
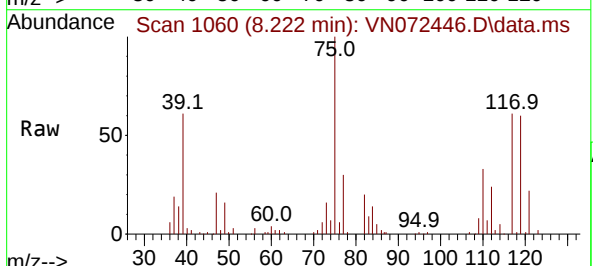
RT: 8.222 min Scan# 1060

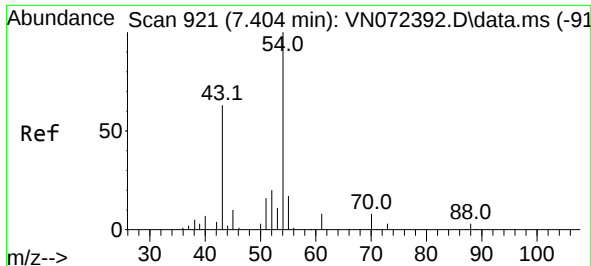
Delta R.T. 0.006 min

Lab File: VN072446.D

Acq: 12 May 2022 12:19

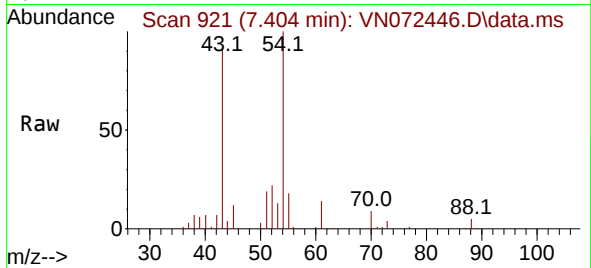
Tgt Ion:	75	Resp:	151753
Ion Ratio	Lower	Upper	
75	100		
110	34.2	18.3	54.8
77	31.5	25.1	37.7





#37
Ethyl Acetate
Concen: 47.499 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

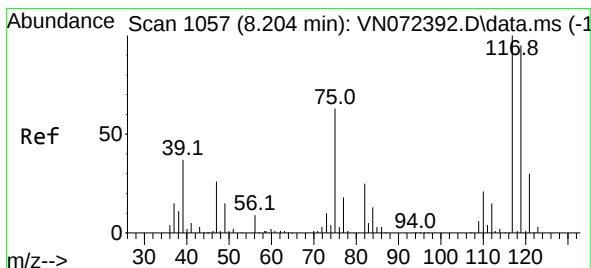
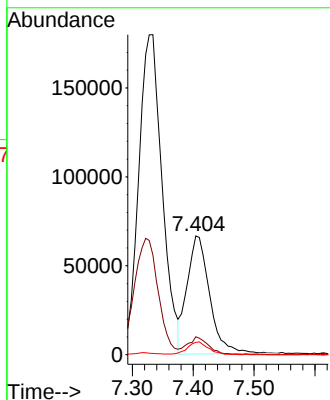
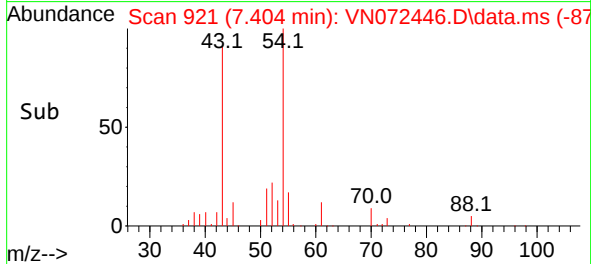
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MS



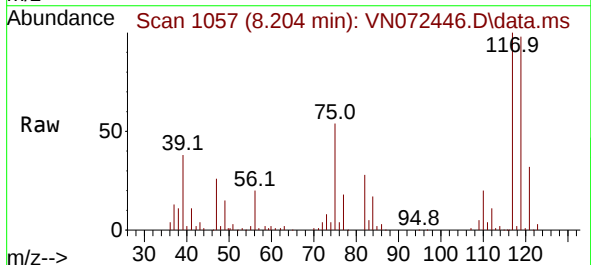
Tgt Ion: 43 Resp: 171358
Ion Ratio Lower Upper
43 100
61 13.0 11.8 17.6
70 10.0 9.3 13.9

Manual Integrations
APPROVED

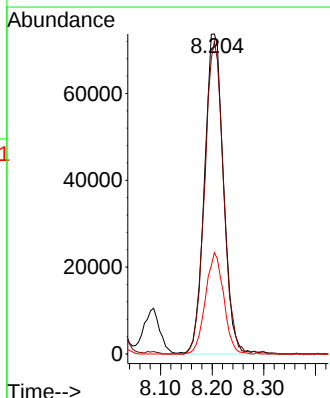
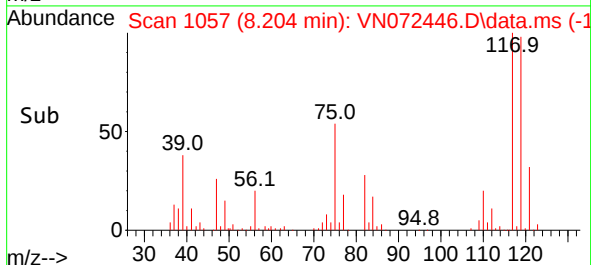
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

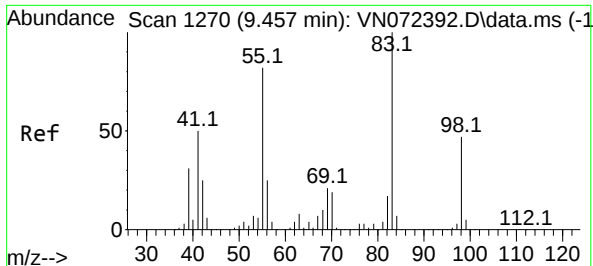


#38
Carbon Tetrachloride
Concen: 56.085 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19



Tgt Ion:117 Resp: 188739
Ion Ratio Lower Upper
117 100
119 97.6 75.8 113.8
121 31.6 24.6 37.0





#39

Methylcyclohexane

Concen: 54.069 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN072446.D

Acq: 12 May 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

BEM-MW-04MS

Tgt Ion: 83 Resp: 182715

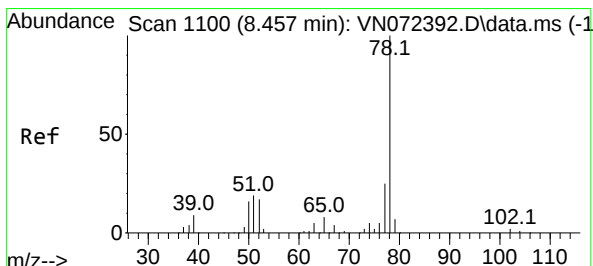
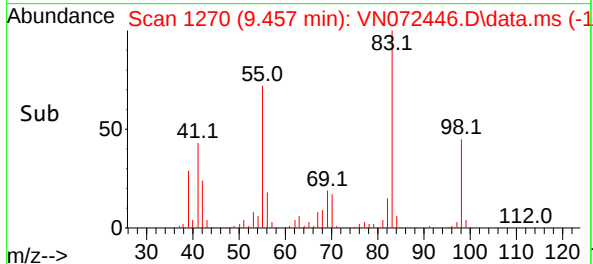
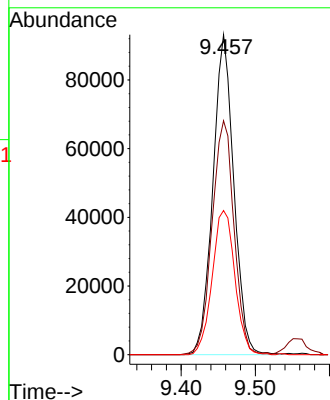
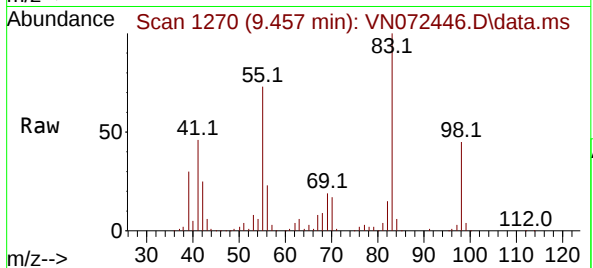
Ion	Ratio	Lower	Upper
83	100		
55	73.1	57.8	86.8
98	45.0	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#40

Benzene

Concen: 48.660 ug/l

RT: 8.457 min Scan# 1100

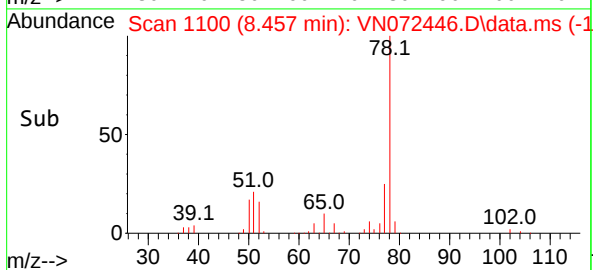
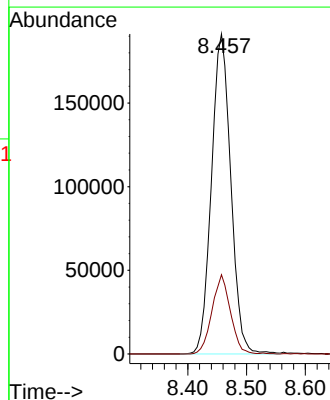
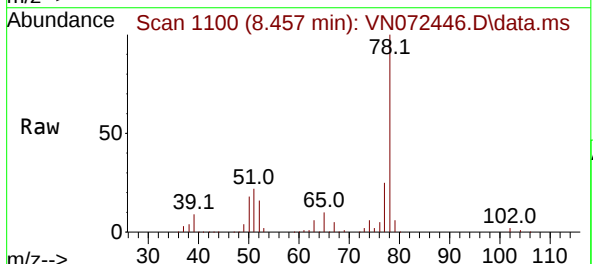
Delta R.T. 0.000 min

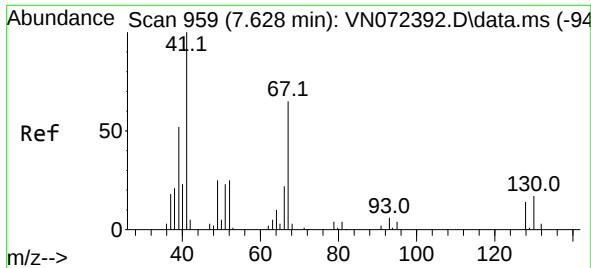
Lab File: VN072446.D

Acq: 12 May 2022 12:19

Tgt Ion: 78 Resp: 437084

Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.4	29.0





#41
Methacrylonitrile
Concen: 52.538 ug/l
RT: 7.628 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

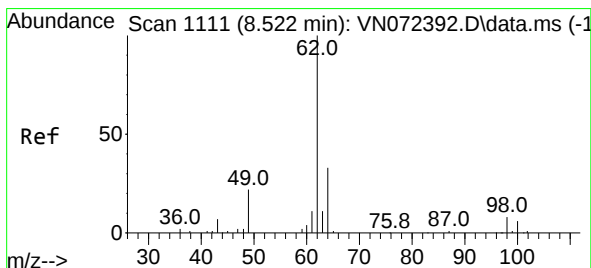
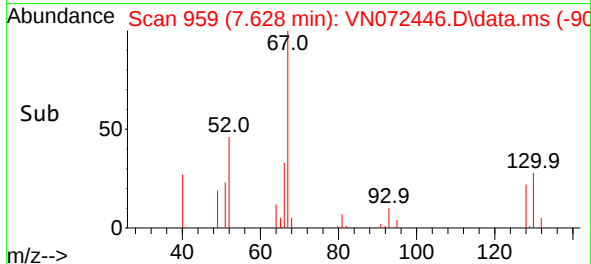
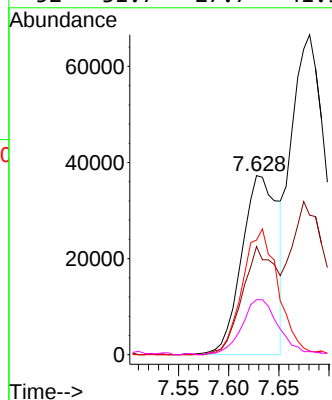
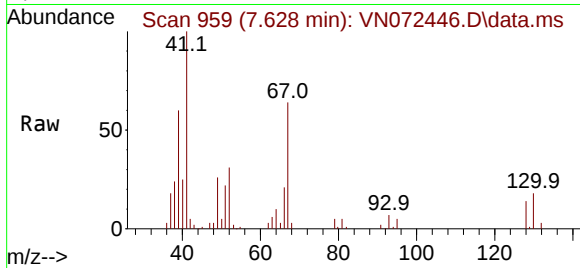
BEM-MW-04MS

Tgt Ion: 41 Resp: 93849
Ion Ratio Lower Upper
41 100
39 57.0 48.6 73.0
67 69.7 73.4 110.2
52 31.7 27.7 41.5

Manual Integrations

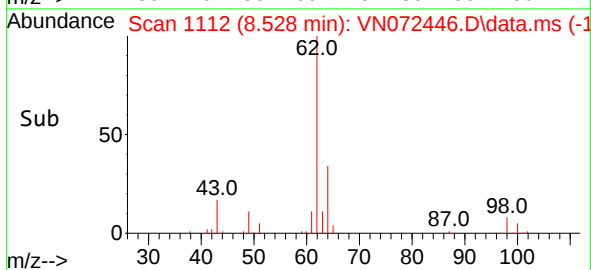
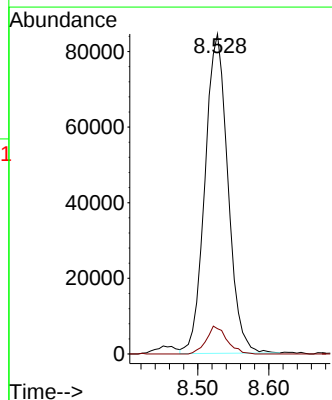
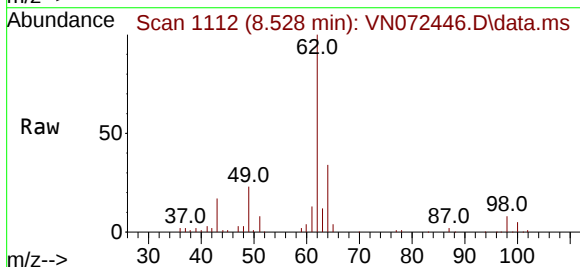
APPROVED

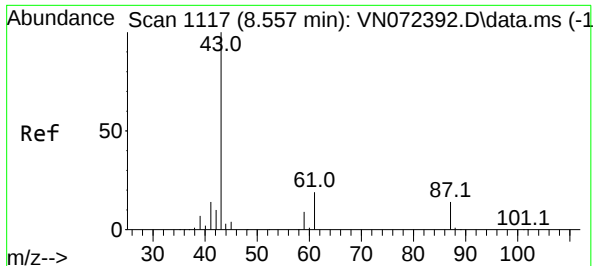
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#42
1,2-Dichloroethane
Concen: 52.532 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

Tgt Ion: 62 Resp: 189658
Ion Ratio Lower Upper
62 100
98 7.8 0.0 19.4





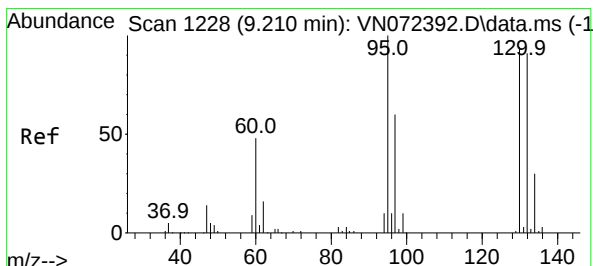
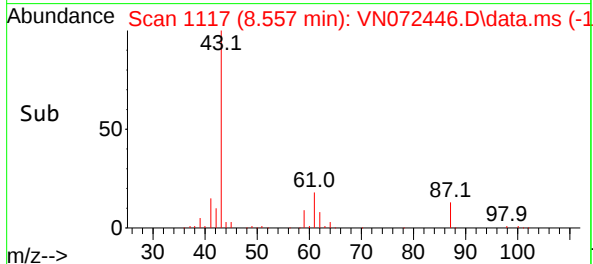
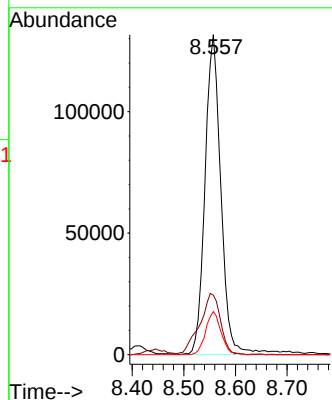
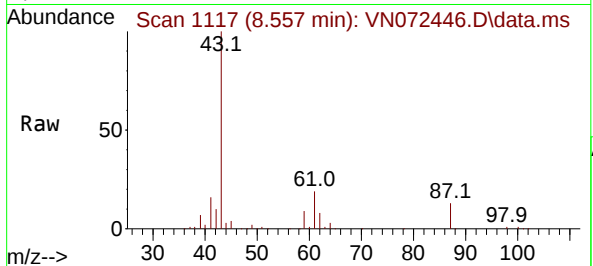
#43
Isopropyl Acetate
Concen: 50.588 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MS

Tgt Ion: 43 Resp: 280320
Ion Ratio Lower Upper
43 100
61 25.0 21.9 32.9
87 13.1 12.0 18.0

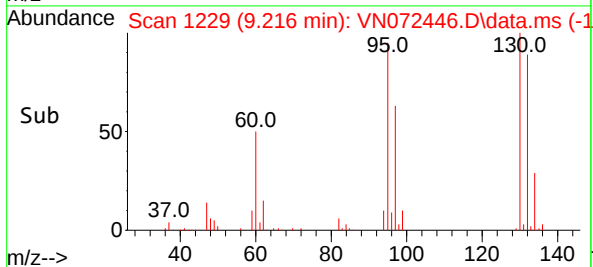
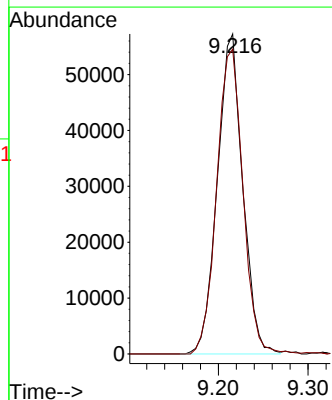
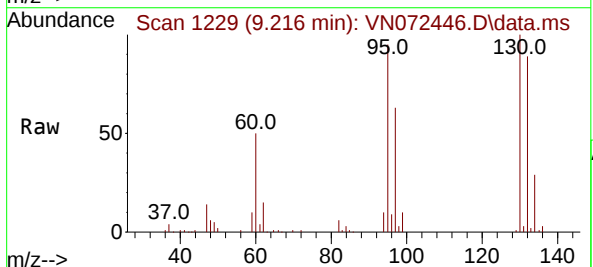
Manual Integrations
APPROVED

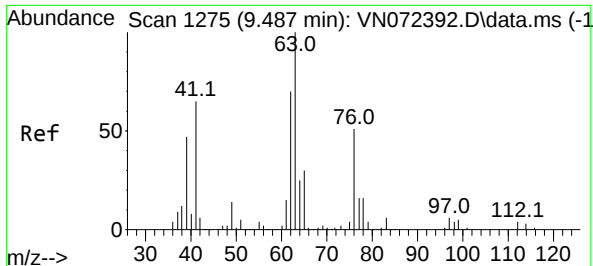
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#44
Trichloroethene
Concen: 49.227 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

Tgt Ion:130 Resp: 112250
Ion Ratio Lower Upper
130 100
95 95.3 0.0 186.8





#45

1,2-Dichloropropane

Concen: 47.365 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. -0.001 min

Lab File: VN072446.D

Acq: 12 May 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

BEM-MW-04MS

Tgt Ion: 63 Resp: 10865

Ion Ratio Lower Upper

63 100

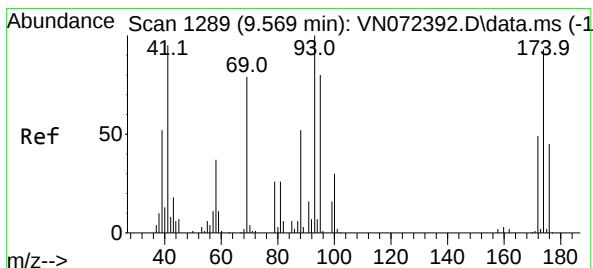
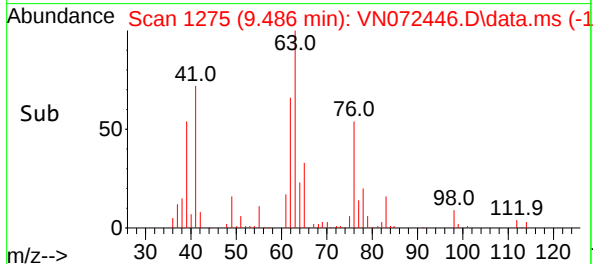
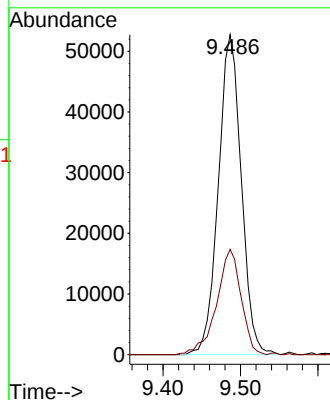
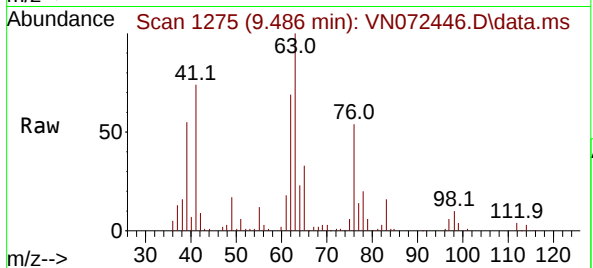
65 32.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#46

Dibromomethane

Concen: 49.899 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.006 min

Lab File: VN072446.D

Acq: 12 May 2022 12:19

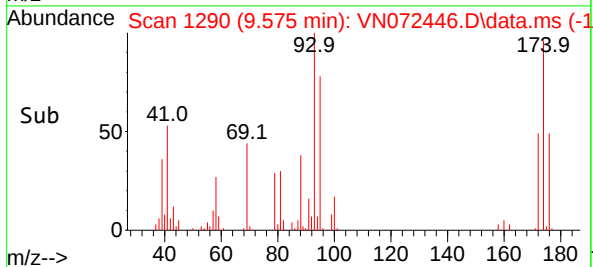
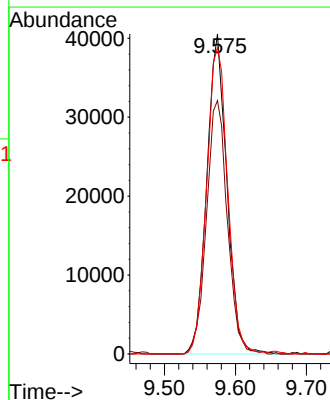
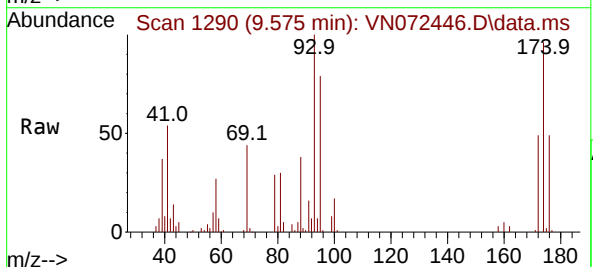
Tgt Ion: 93 Resp: 79701

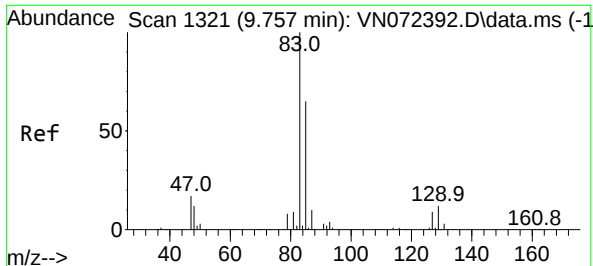
Ion Ratio Lower Upper

93 100

95 82.5 66.9 100.3

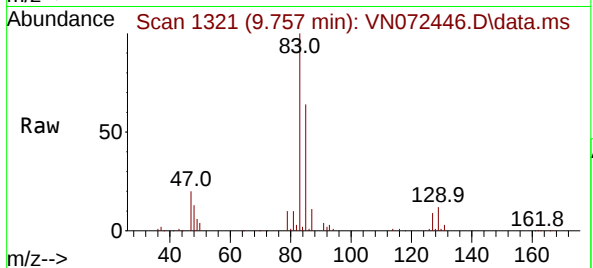
174 100.7 86.6 130.0





#47
Bromodichloromethane
Concen: 53.428 ug/l
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

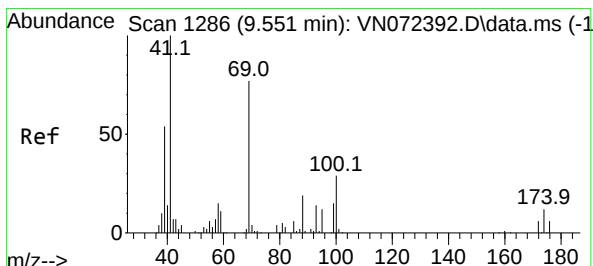
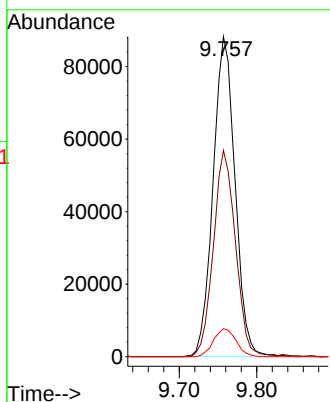
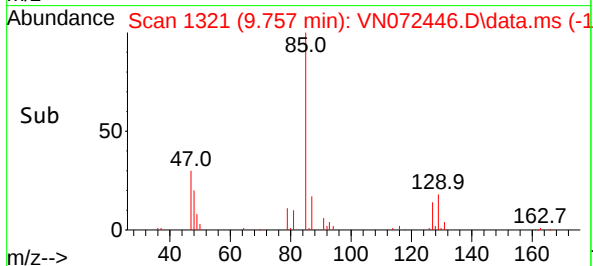
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MS



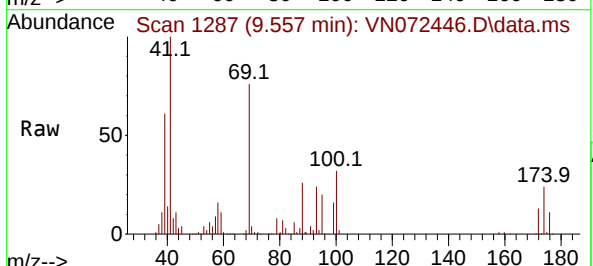
Tgt Ion: 83 Resp: 173970
Ion Ratio Lower Upper
83 100
85 64.4 50.5 75.7
127 8.8 6.8 10.2

Manual Integrations
APPROVED

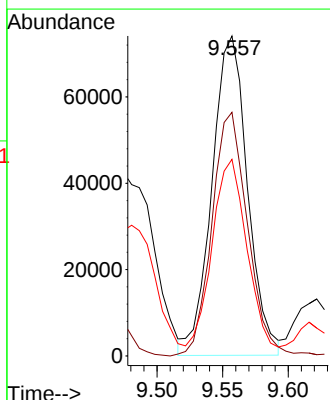
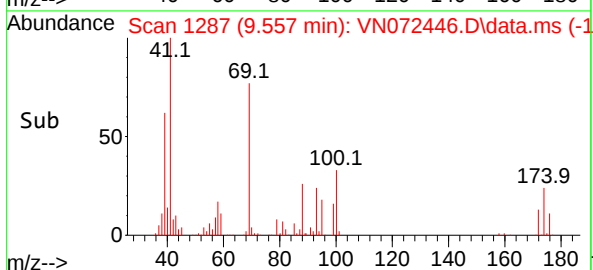
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

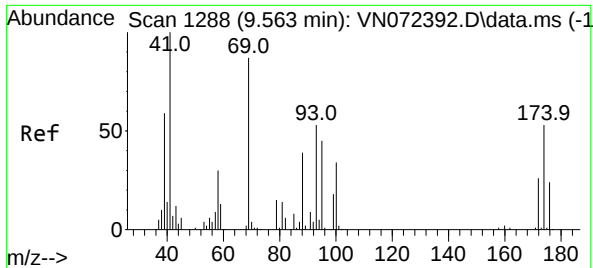


#48
Methyl methacrylate
Concen: 54.062 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19



Tgt Ion: 41 Resp: 139767
Ion Ratio Lower Upper
41 100
69 76.6 74.7 112.1
39 61.4 45.6 68.4





#49

1,4-Dioxane

Concen: 1035.725 ug/l

RT: 9.563 min Scan# 1288

Delta R.T. -0.000 min

Lab File: VN072446.D

Acq: 12 May 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

BEM-MW-04MS

Tgt Ion: 88 Resp: 4567

Ion Ratio Lower Upper

88 100

43 34.0 20.2 30.4

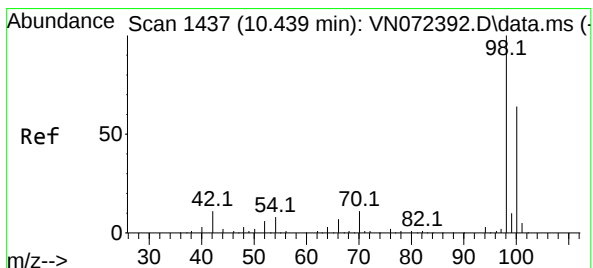
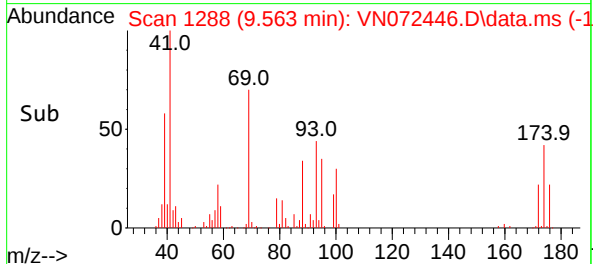
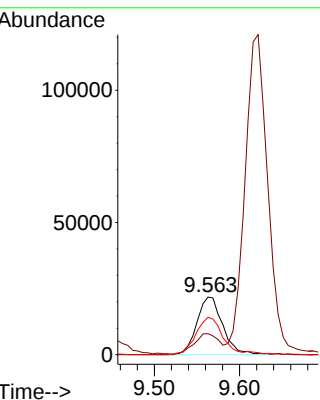
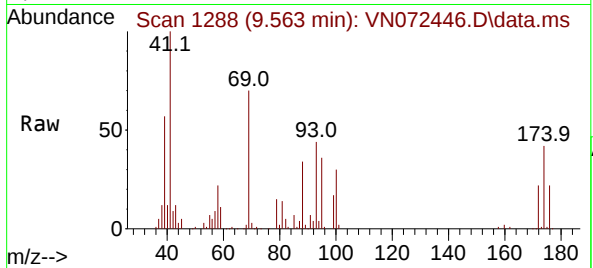
58 66.1 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#50

Toluene-d8

Concen: 50.740 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072446.D

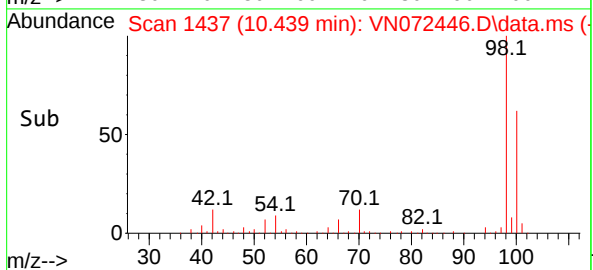
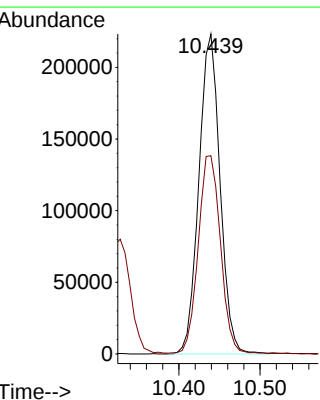
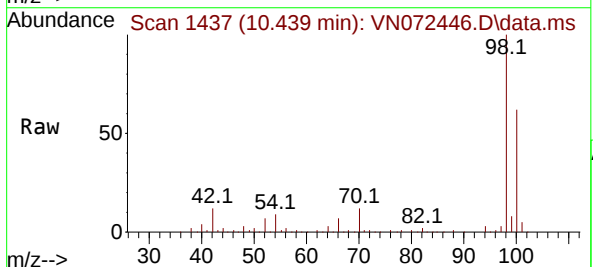
Acq: 12 May 2022 12:19

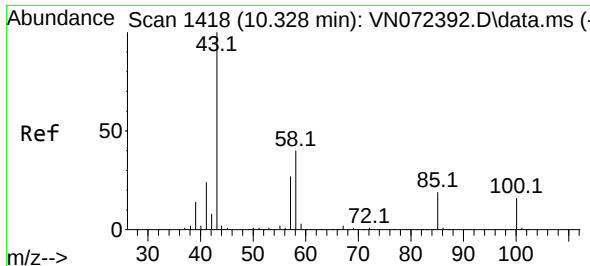
Tgt Ion: 98 Resp: 404558

Ion Ratio Lower Upper

98 100

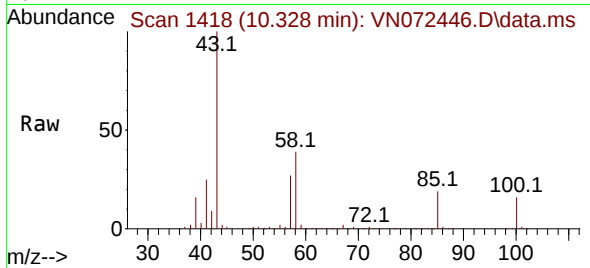
100 64.9 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 263.537 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

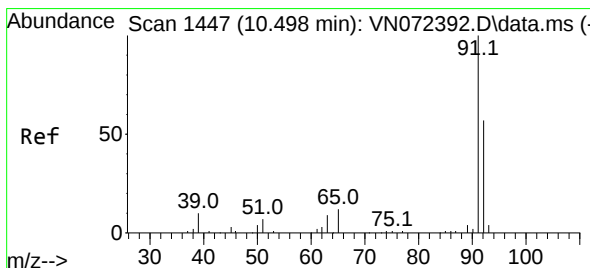
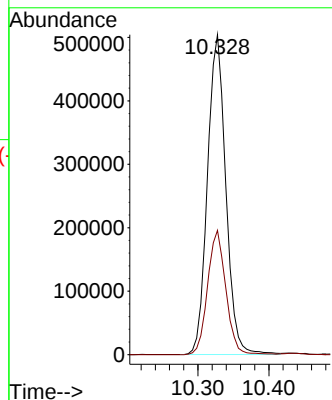
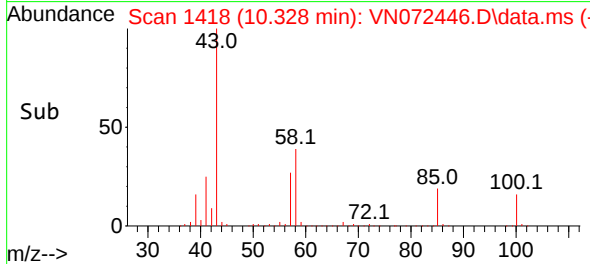
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MS



Tgt Ion: 43 Resp: 906780
Ion Ratio Lower Upper
43 100
58 38.6 34.1 51.1

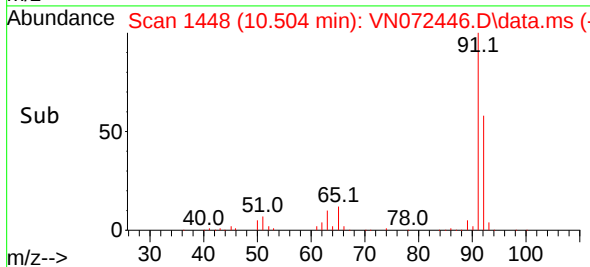
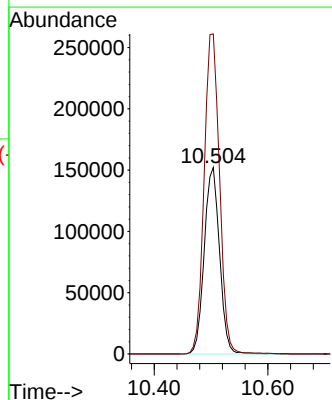
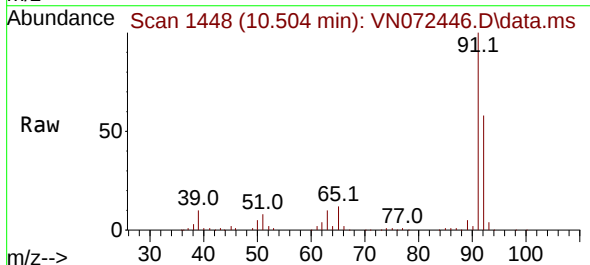
Manual Integrations
APPROVED

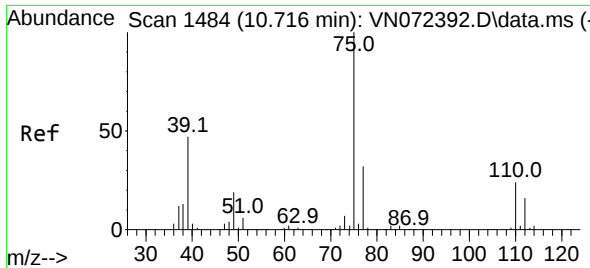
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#52
Toluene
Concen: 51.233 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

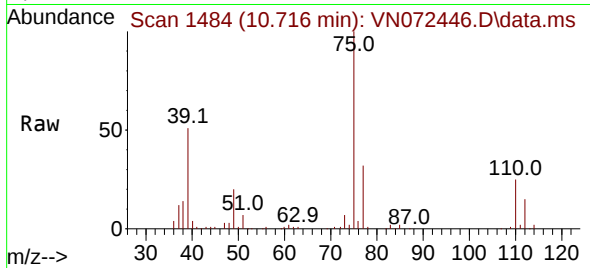
Tgt Ion: 92 Resp: 283763
Ion Ratio Lower Upper
92 100
91 172.9 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 55.875 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

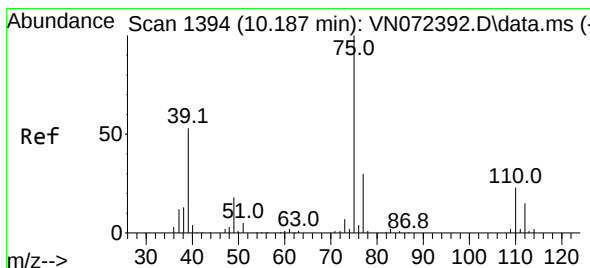
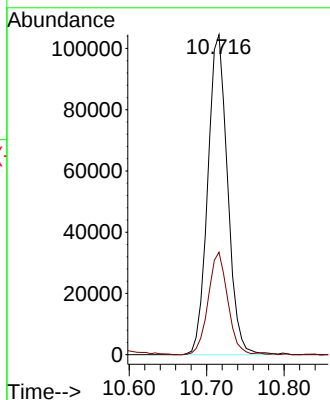
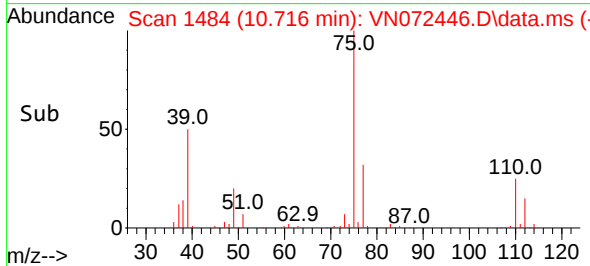
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MS



Tgt Ion: 75 Resp: 18520
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4

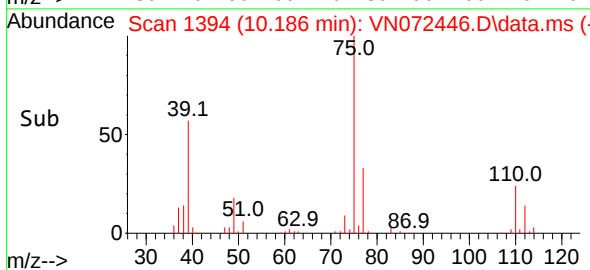
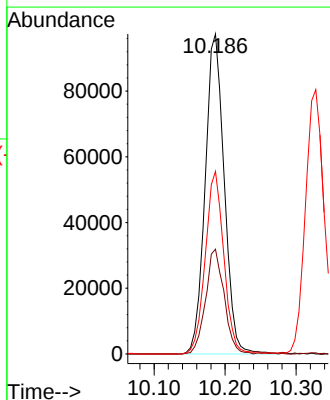
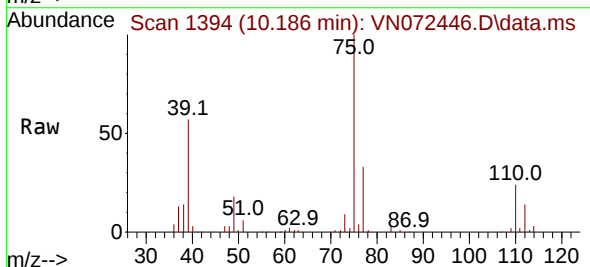
Manual Integrations
APPROVED

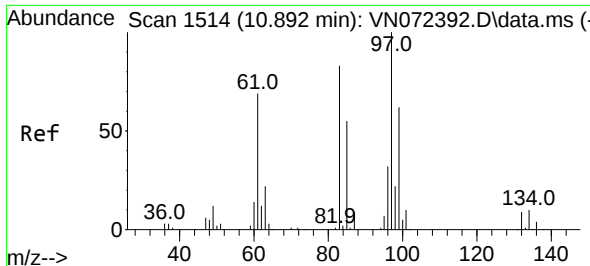
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#54
cis-1,3-Dichloropropene
Concen: 51.422 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. -0.001 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

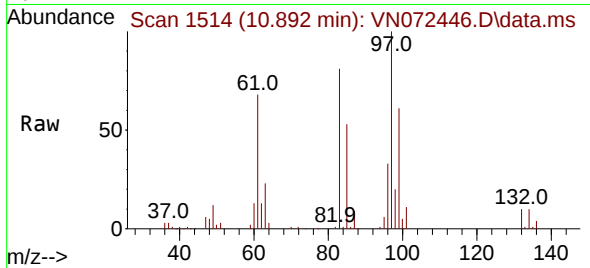
Tgt Ion: 75 Resp: 181845
Ion Ratio Lower Upper
75 100
77 32.8 25.2 37.8
39 57.1 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 49.501 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

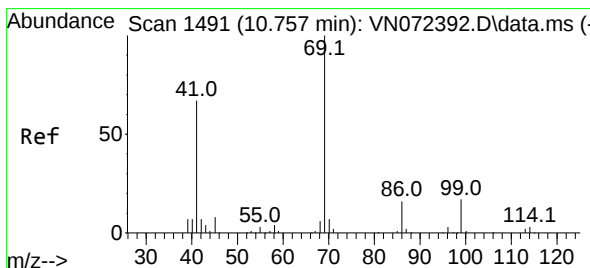
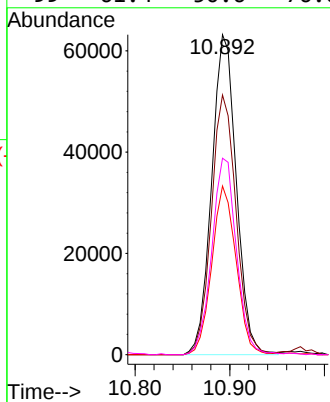
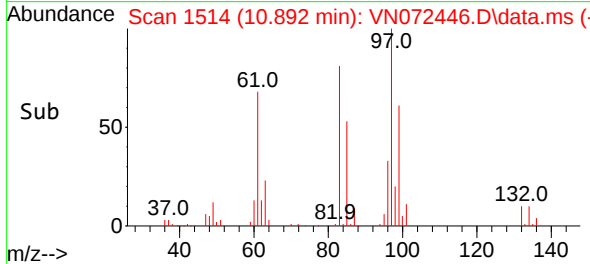
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MS



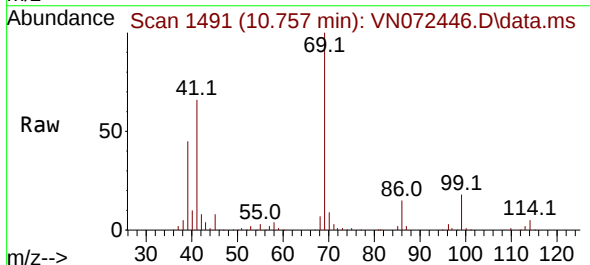
Tgt Ion: 97 Resp: 11421
Ion Ratio Lower Upper
97 100
83 81.1 66.2 99.4
85 52.7 43.9 65.9
99 61.4 50.6 76.0

Manual Integrations
APPROVED

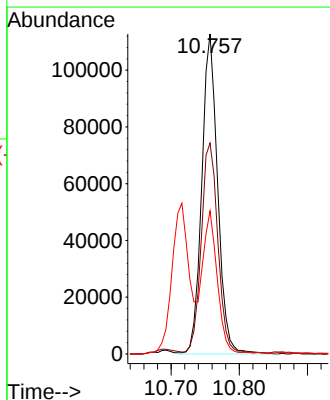
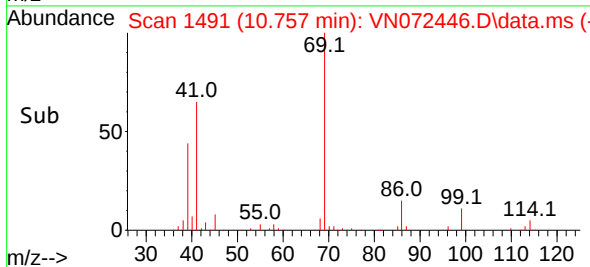
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

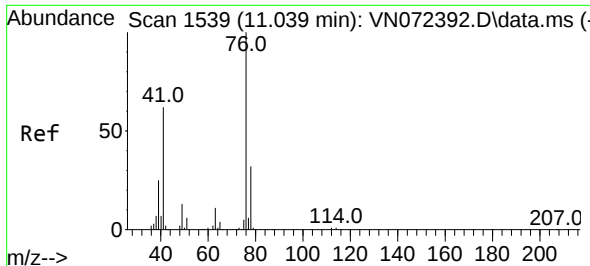


#56
Ethyl methacrylate
Concen: 55.320 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19



Tgt Ion: 69 Resp: 182940
Ion Ratio Lower Upper
69 100
41 68.6 47.8 71.6
39 39.9 27.3 40.9





#57

1,3-Dichloropropane

Concen: 50.139 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN072446.D

Acq: 12 May 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

BEM-MW-04MS

Tgt Ion: 76 Resp: 197000

Ion Ratio Lower Upper

76 100

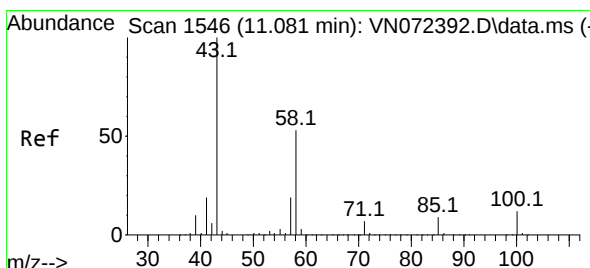
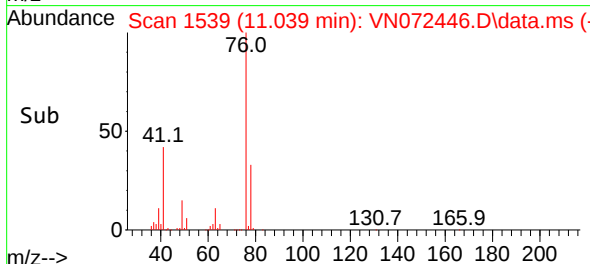
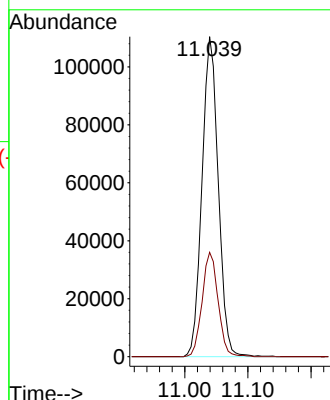
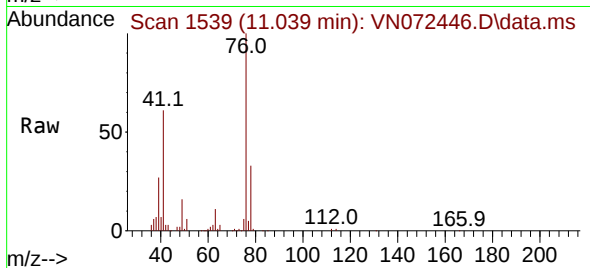
78 32.0 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#59

2-Hexanone

Concen: 279.373 ug/l

RT: 11.080 min Scan# 1546

Delta R.T. -0.001 min

Lab File: VN072446.D

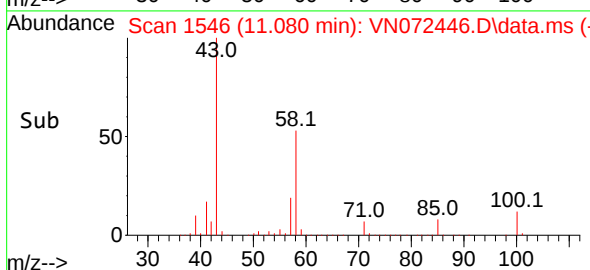
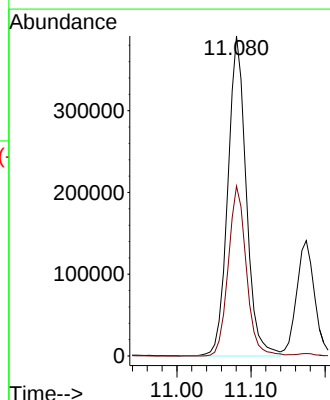
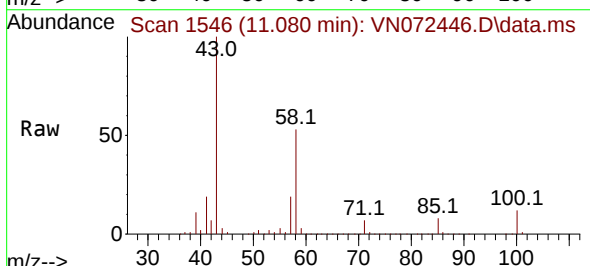
Acq: 12 May 2022 12:19

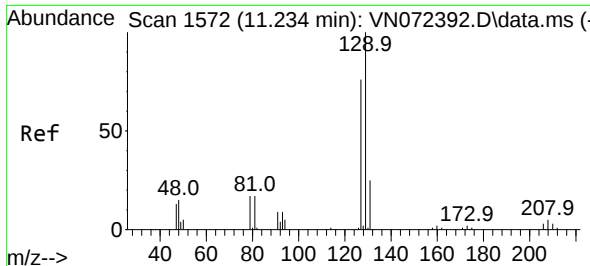
Tgt Ion: 43 Resp: 674031

Ion Ratio Lower Upper

43 100

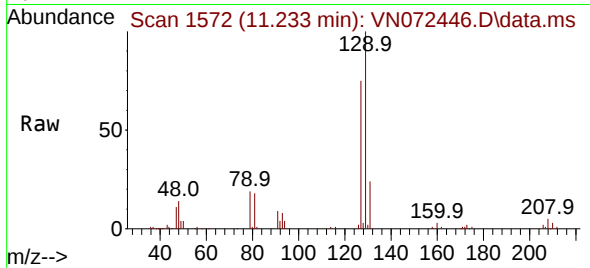
58 52.2 29.7 89.1





#60
Dibromochloromethane
Concen: 56.081 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.001 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

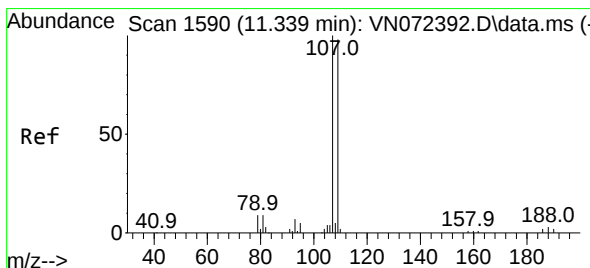
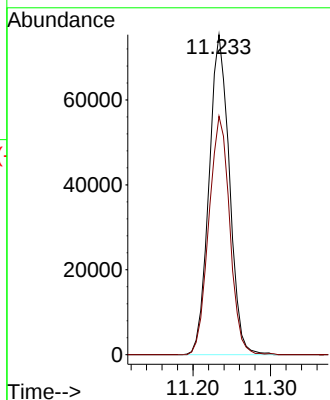
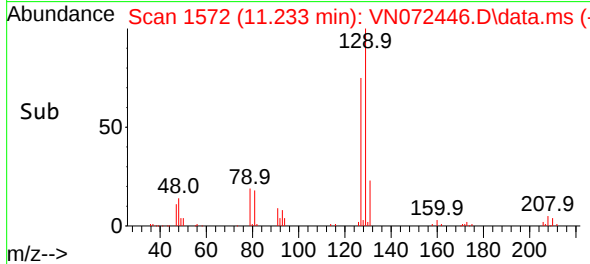
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MS



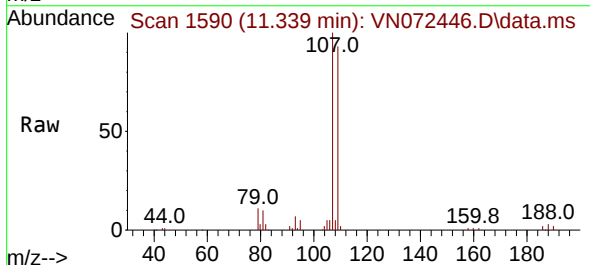
Tgt Ion:129 Resp: 13745
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.4

Manual Integrations
APPROVED

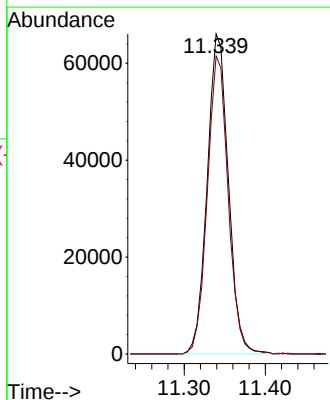
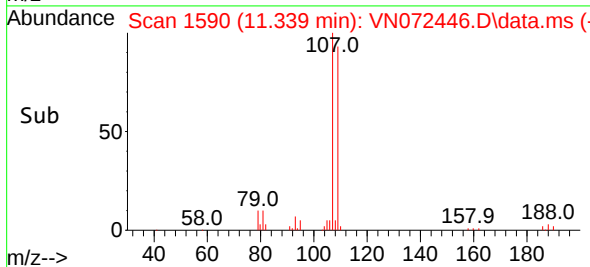
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

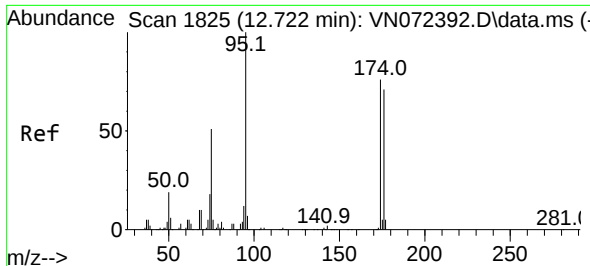


#61
1,2-Dibromoethane
Concen: 51.981 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19



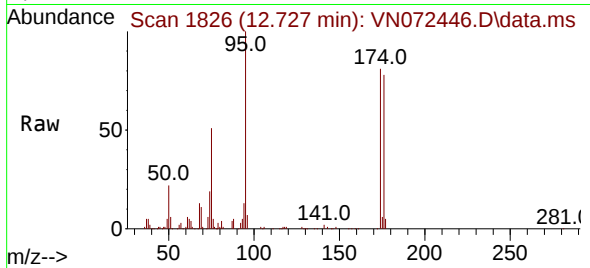
Tgt Ion:107 Resp: 119529
Ion Ratio Lower Upper
107 100
109 91.8 75.0 112.6





#62
4-Bromofluorobenzene
Concen: 56.862 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.005 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

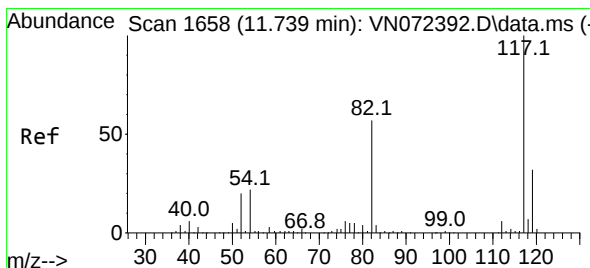
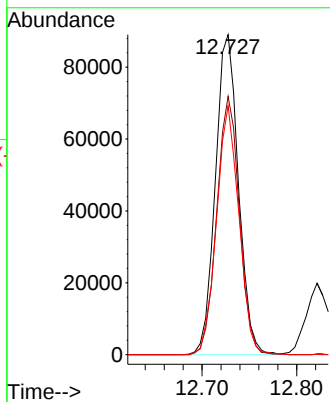
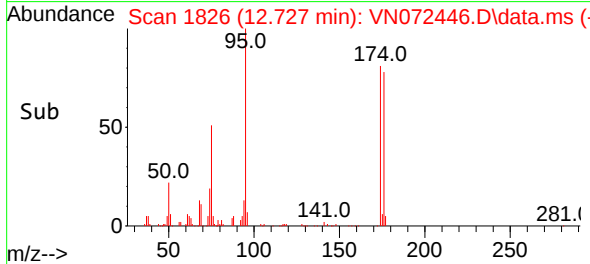
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MS



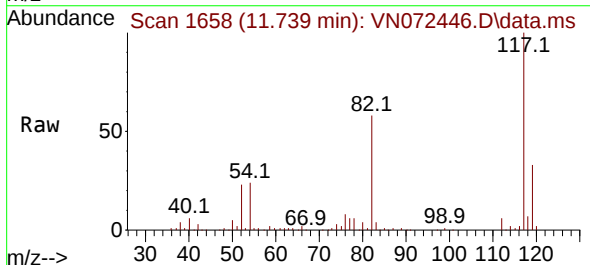
Tgt Ion: 95 Resp: 15056
Ion Ratio Lower Upper
95 100
174 79.2 0.0 167.6
176 75.6 0.0 163.4

Manual Integrations
APPROVED

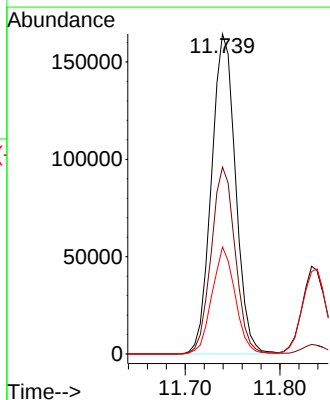
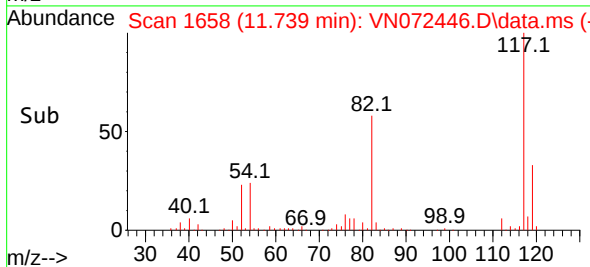
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

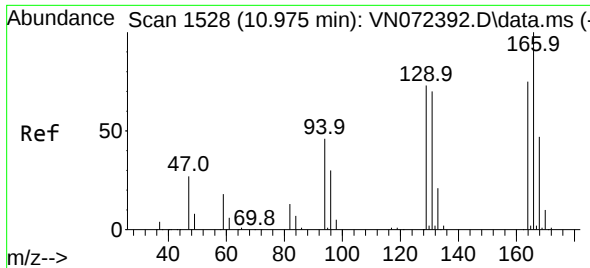


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19



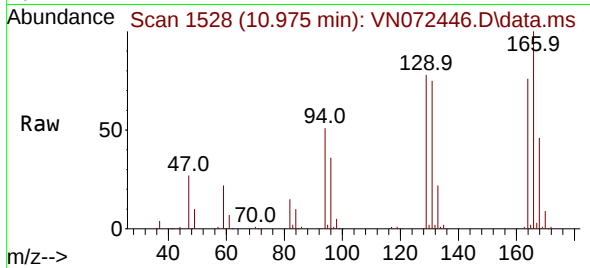
Tgt Ion:117 Resp: 290769
Ion Ratio Lower Upper
117 100
82 58.4 44.2 66.2
119 33.4 25.4 38.0





#64
Tetrachloroethene
Concen: 46.464 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

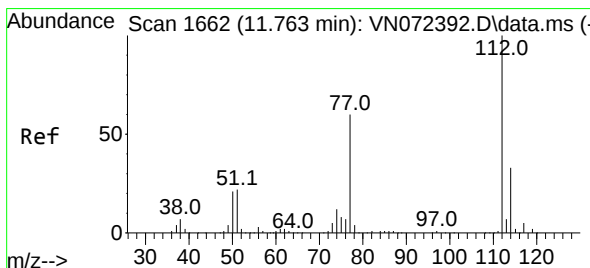
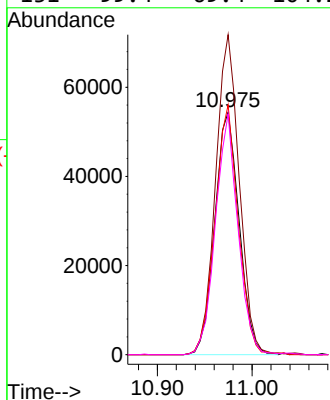
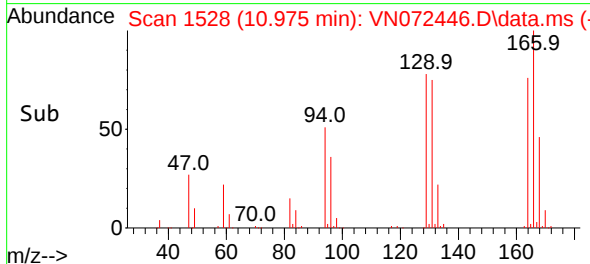
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MS



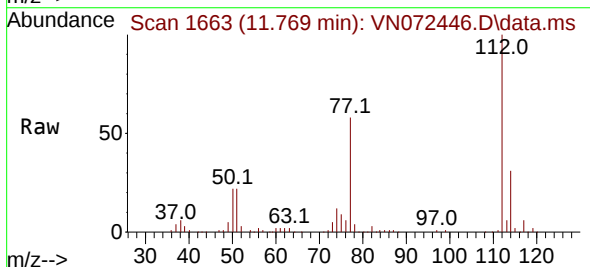
Tgt Ion:164 Resp: 97240
Ion Ratio Lower Upper
164 100
166 132.0 104.2 156.2
129 103.0 73.9 110.9
131 99.4 69.4 104.2

Manual Integrations
APPROVED

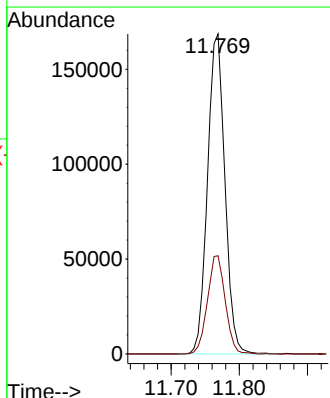
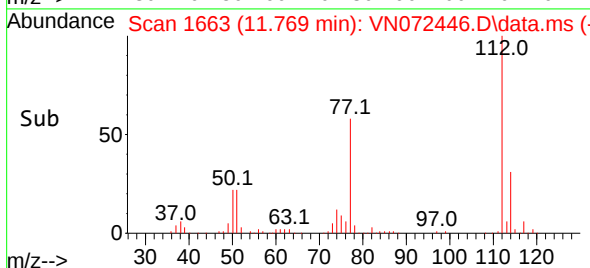
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

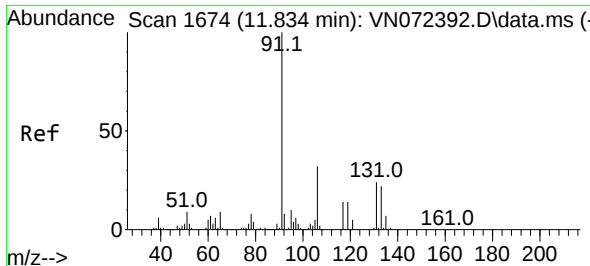


#65
Chlorobenzene
Concen: 50.383 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19



Tgt Ion:112 Resp: 299311
Ion Ratio Lower Upper
112 100
114 30.7 25.4 38.2





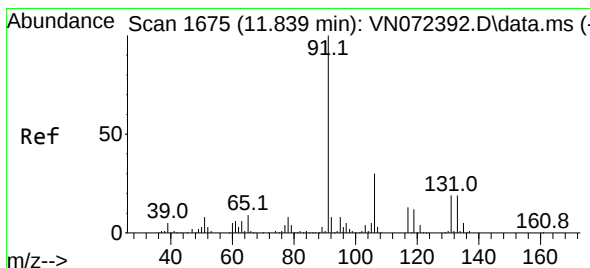
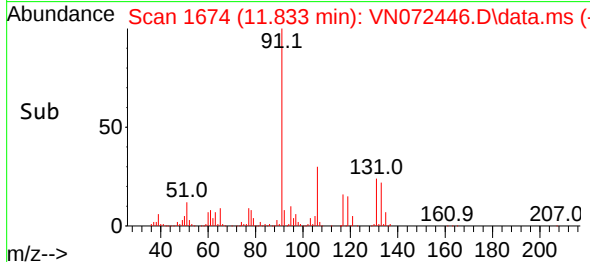
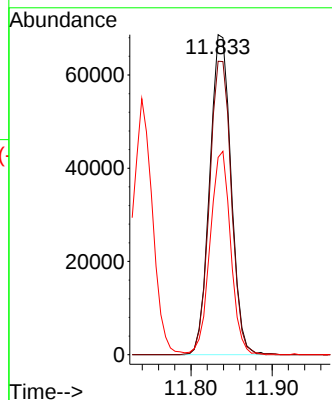
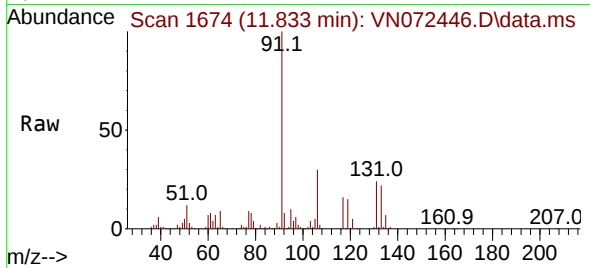
#66
1,1,1,2-Tetrachloroethane
Concen: 52.639 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.001 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MS

Tgt Ion:131 Resp: 12516
Ion Ratio Lower Upper
131 100
133 93.8 47.8 143.4
119 61.3 33.4 100.2

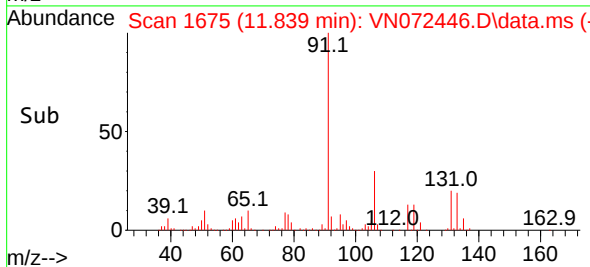
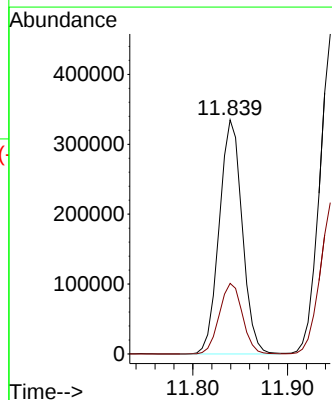
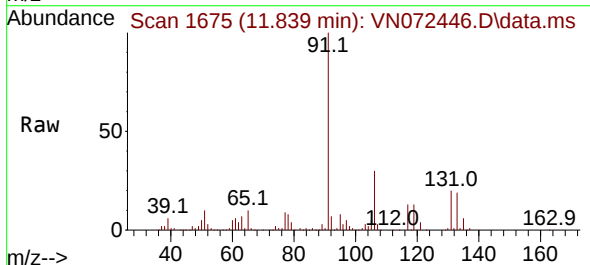
Manual Integrations
APPROVED

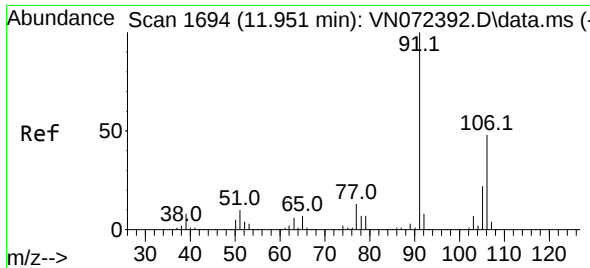
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#67
Ethyl Benzene
Concen: 55.119 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

Tgt Ion: 91 Resp: 564965
Ion Ratio Lower Upper
91 100
106 30.1 24.9 37.3





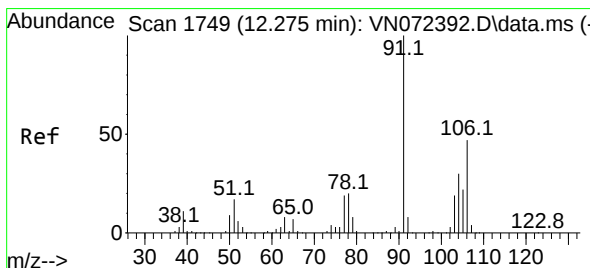
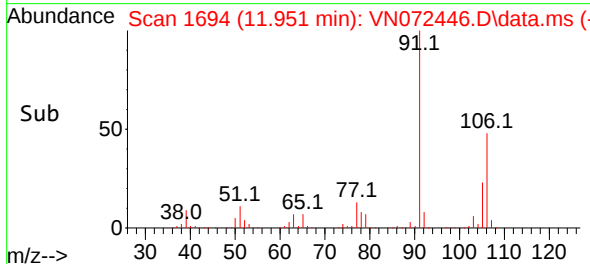
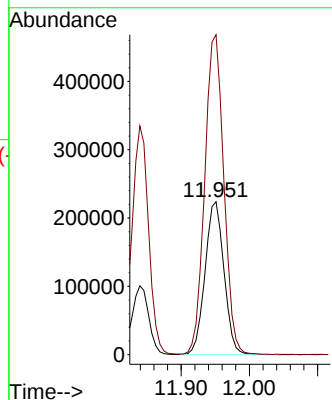
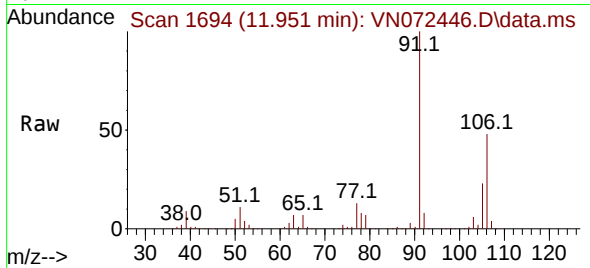
#68
m/p-Xylenes
Concen: 111.207 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MS

Tgt Ion:106 Resp: 432314
Ion Ratio Lower Upper
106 100
91 211.1 158.9 238.3

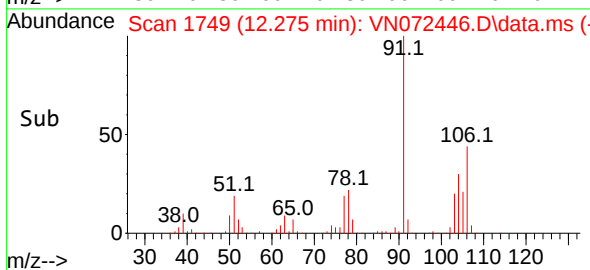
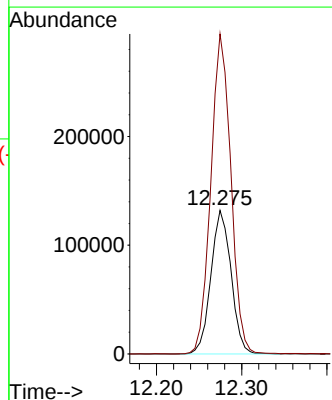
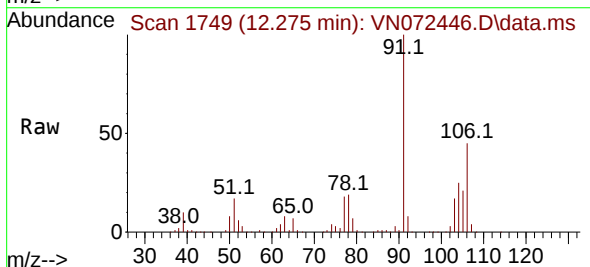
Manual Integrations
APPROVED

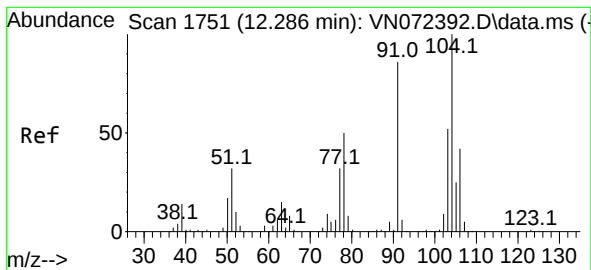
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#69
o-Xylene
Concen: 56.846 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

Tgt Ion:106 Resp: 217124
Ion Ratio Lower Upper
106 100
91 221.8 106.0 318.0





#70

Styrene

Concen: 53.506 ug/l

RT: 12.292 min Scan# 1752

Delta R.T. 0.006 min

Lab File: VN072446.D

Acq: 12 May 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

BEM-MW-04MS

Tgt Ion:104 Resp: 31265

Ion Ratio Lower Upper

104 100

78 55.8 39.5 59.3

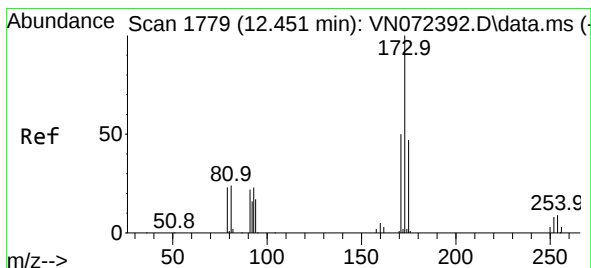
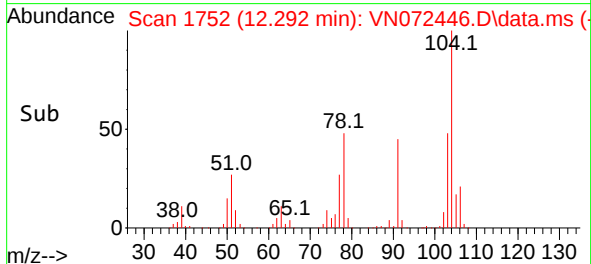
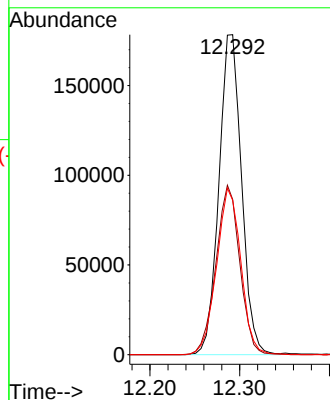
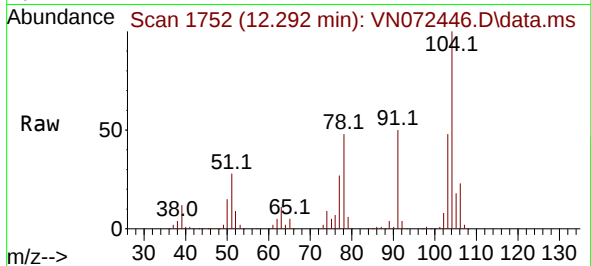
103 55.6 44.0 66.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#71

Bromoform

Concen: 57.666 ug/l

RT: 12.451 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VN072446.D

Acq: 12 May 2022 12:19

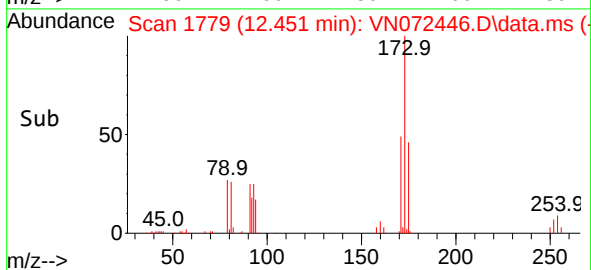
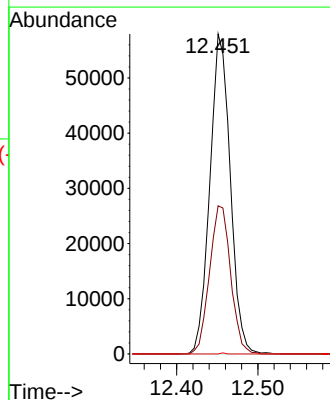
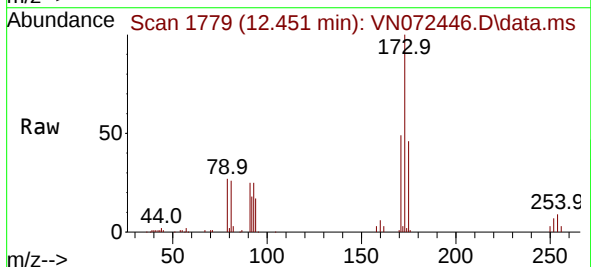
Tgt Ion:173 Resp: 101146

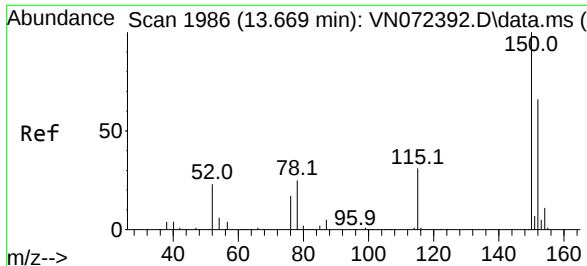
Ion Ratio Lower Upper

173 100

175 47.8 24.6 73.6

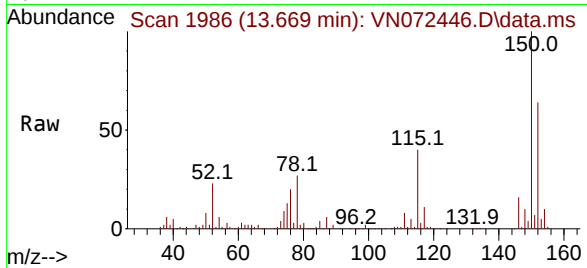
254 0.1 0.1 0.1#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

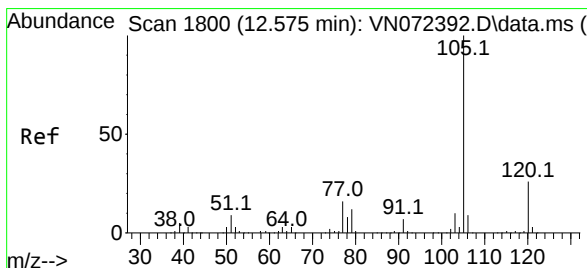
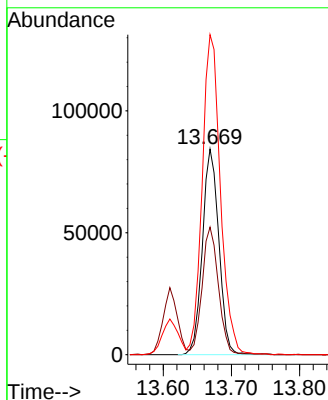
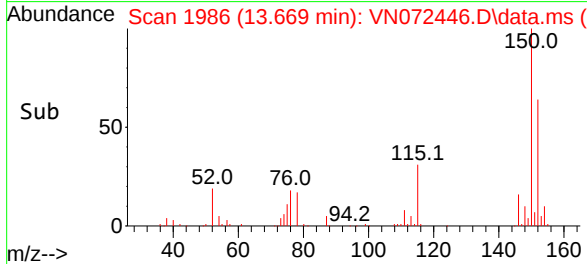
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MS



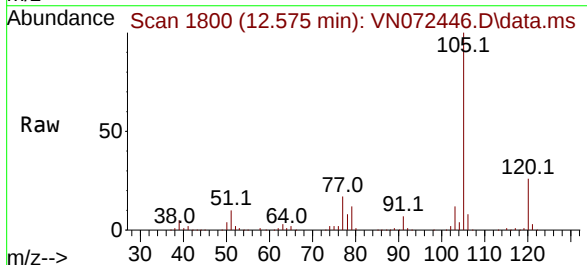
Tgt Ion:152 Resp: 14151
Ion Ratio Lower Upper
152 100
115 60.5 28.9 86.7
150 172.7 0.0 356.2

Manual Integrations
APPROVED

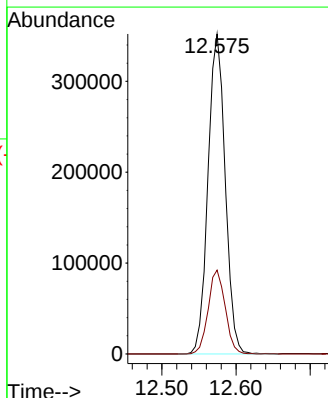
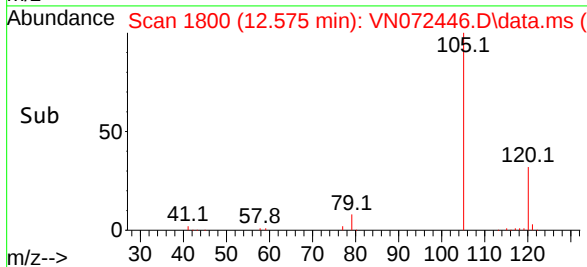
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

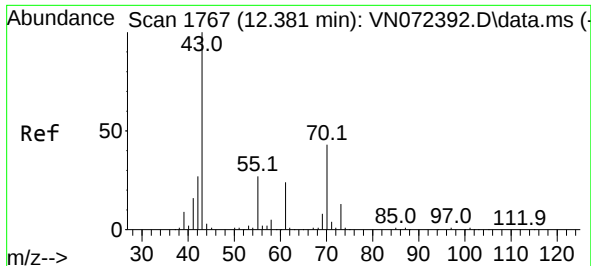


#73
Isopropylbenzene
Concen: 48.368 ug/l
RT: 12.575 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19



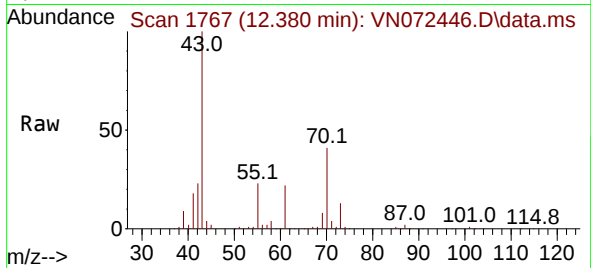
Tgt Ion:105 Resp: 567018
Ion Ratio Lower Upper
105 100
120 25.9 13.5 40.4





#74
N-amy1 acetate
Concen: 54.033 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.001 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

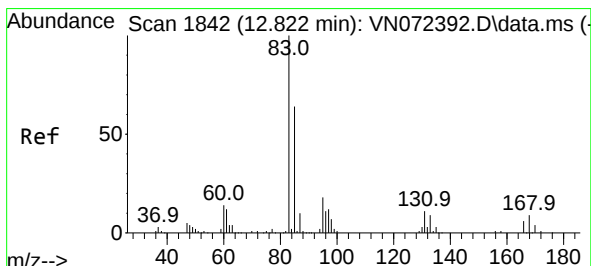
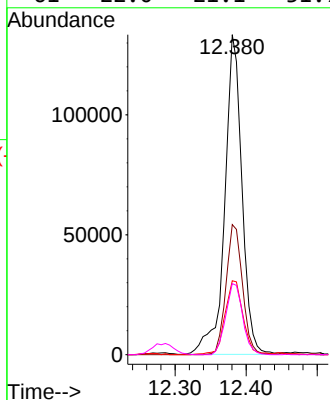
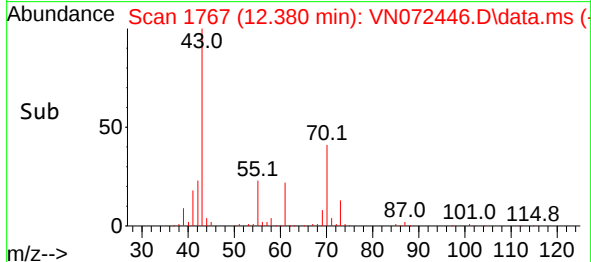
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MS



Tgt Ion: 43 Resp: 22389
Ion Ratio Lower Upper
43 100
70 39.0 39.0 58.4
55 24.3 21.1 31.7
61 22.0 21.1 31.7

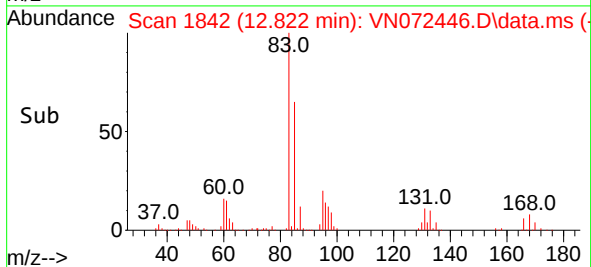
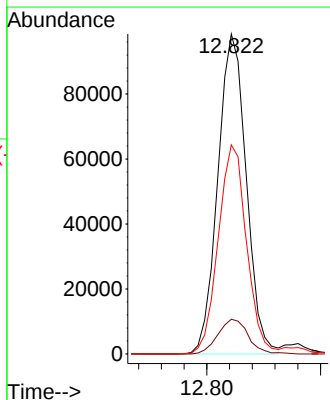
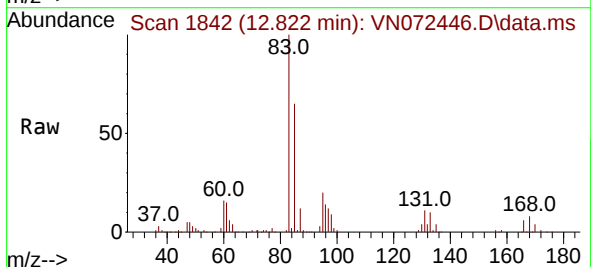
Manual Integrations
APPROVED

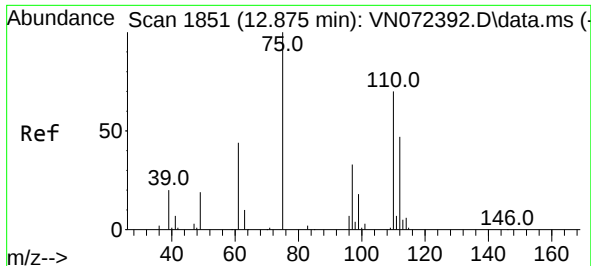
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#75
1,1,2,2-Tetrachloroethane
Concen: 40.200 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

Tgt Ion: 83 Resp: 171092
Ion Ratio Lower Upper
83 100
131 11.6 5.3 15.9
85 65.1 32.3 96.9





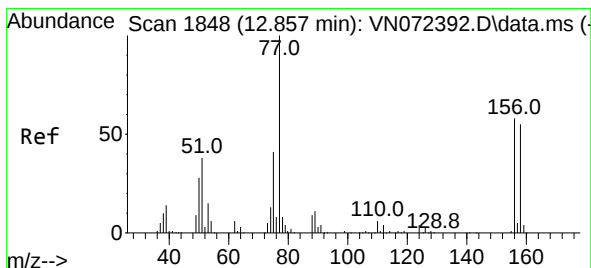
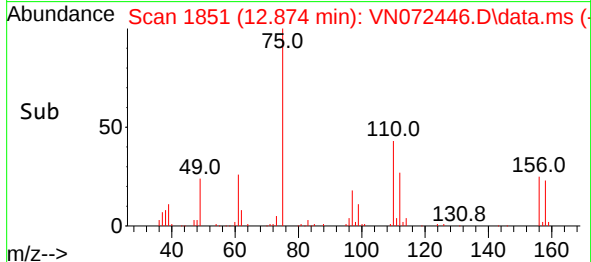
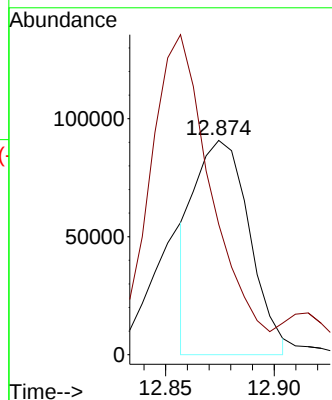
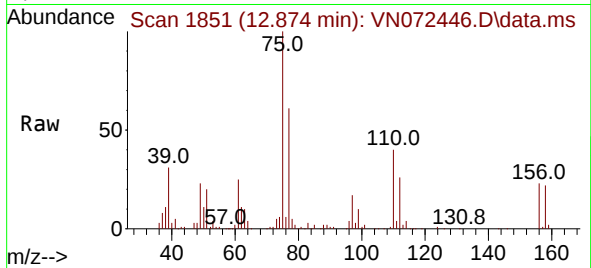
#76
1,2,3-Trichloropropane
Concen: 43.349 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.001 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MS

Tgt Ion: 75 Resp: 159997
Ion Ratio Lower Upper
75 100
77 169.9 98.5 295.5

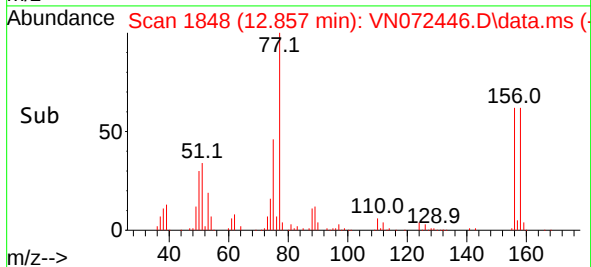
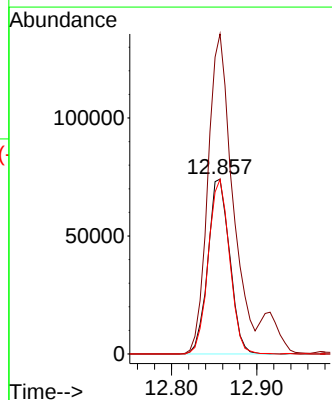
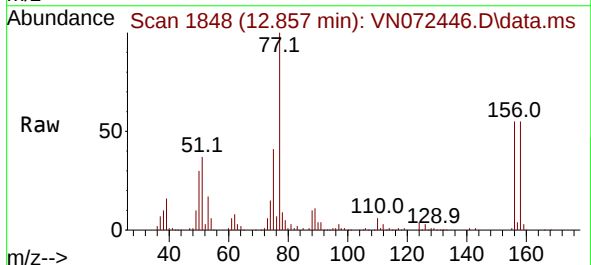
Manual Integrations
APPROVED

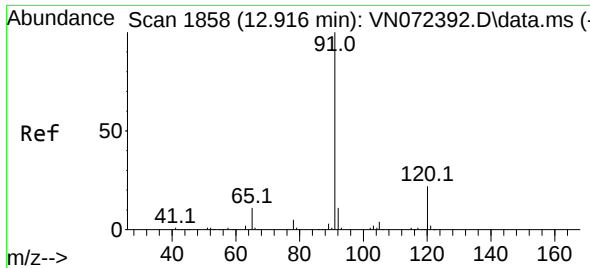
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#77
Bromobenzene
Concen: 46.998 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

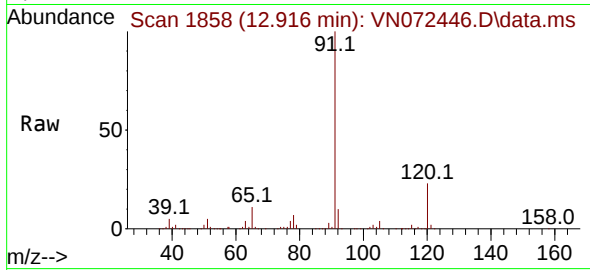
Tgt Ion:156 Resp: 131817
Ion Ratio Lower Upper
156 100
77 206.2 100.5 301.5
158 97.3 48.9 146.6





#78
n-propylbenzene
Concen: 50.611 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

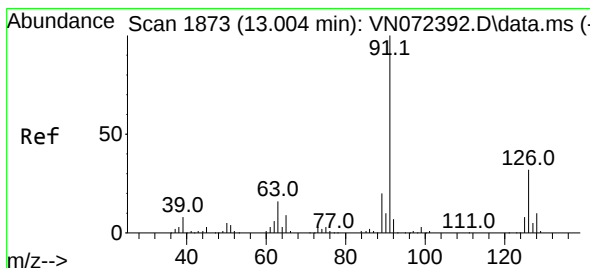
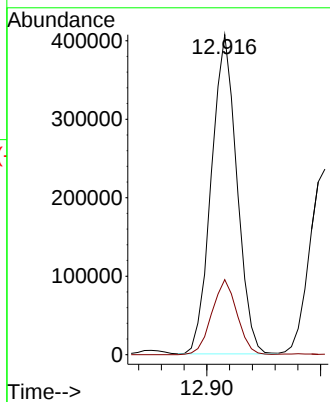
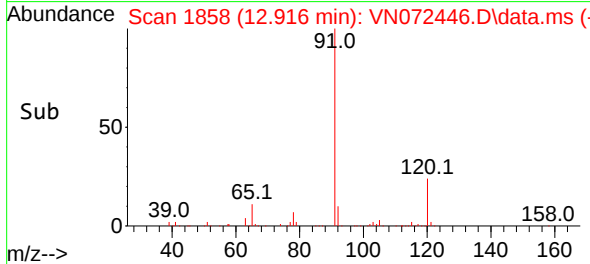
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MS



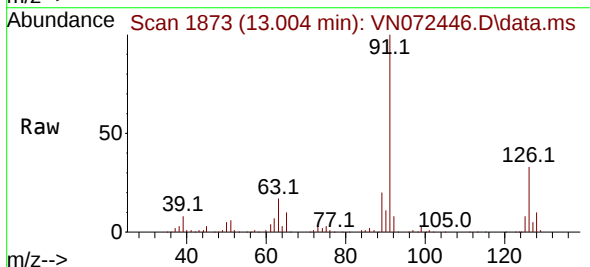
Tgt Ion: 91 Resp: 63489
Ion Ratio Lower Upper
91 100
120 23.2 11.9 35.5

Manual Integrations
APPROVED

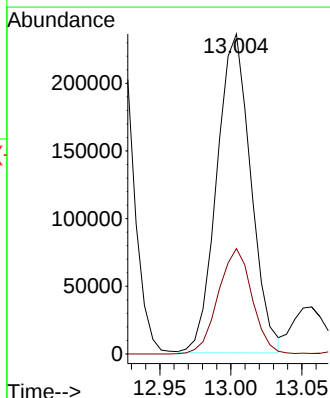
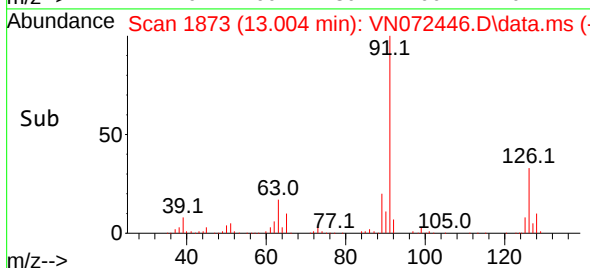
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

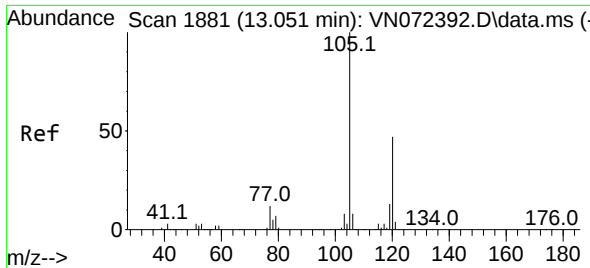


#79
2-Chlorotoluene
Concen: 47.734 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19



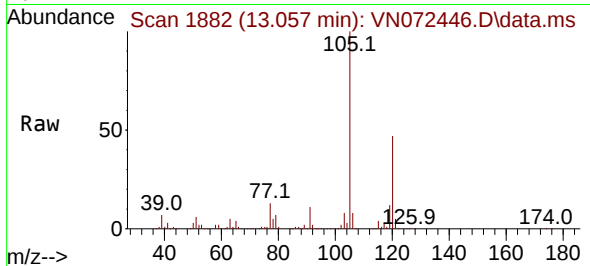
Tgt Ion: 91 Resp: 393376
Ion Ratio Lower Upper
91 100
126 32.8 17.3 51.9





#80
1,3,5-Trimethylbenzene
Concen: 51.222 ug/l
RT: 13.057 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

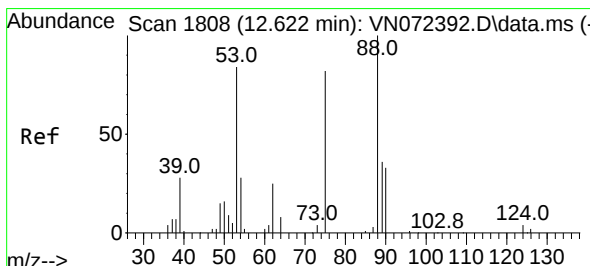
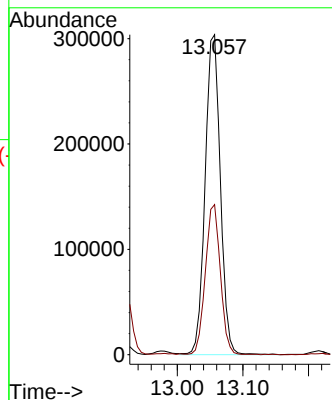
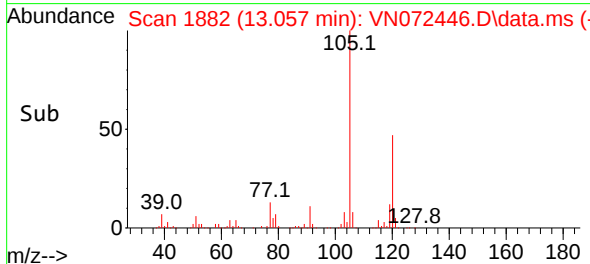
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MS



Tgt Ion:105 Resp: 491799
Ion Ratio Lower Upper
105 100
120 45.9 24.9 74.7

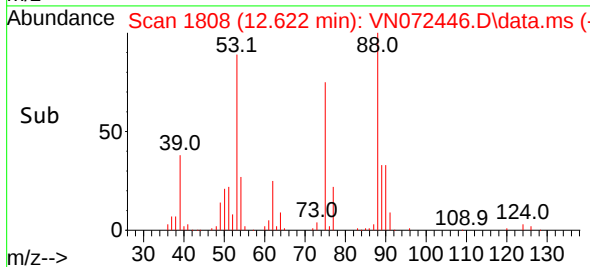
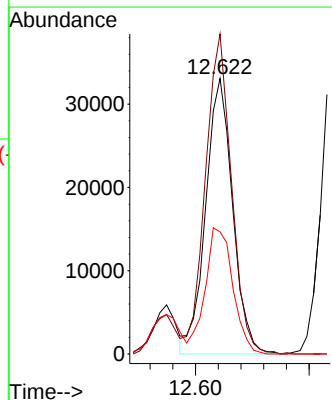
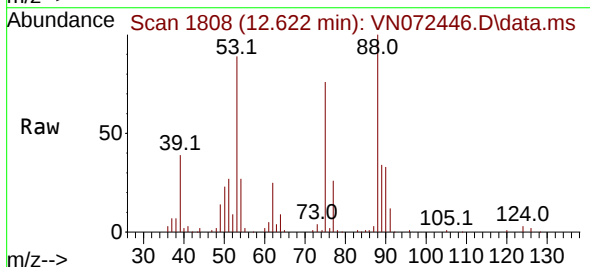
Manual Integrations
APPROVED

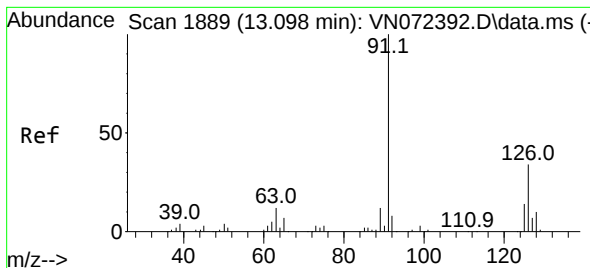
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#81
trans-1,4-Dichloro-2-butene
Concen: 49.262 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

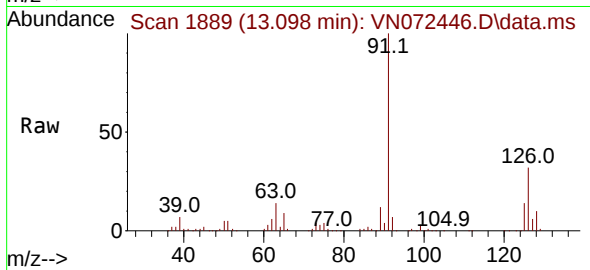
Tgt Ion: 75 Resp: 54502
Ion Ratio Lower Upper
75 100
53 112.6 78.0 117.0
89 47.1 37.2 55.8





#82
4-Chlorotoluene
Concen: 49.136 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

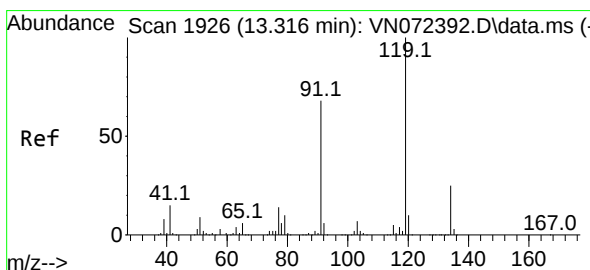
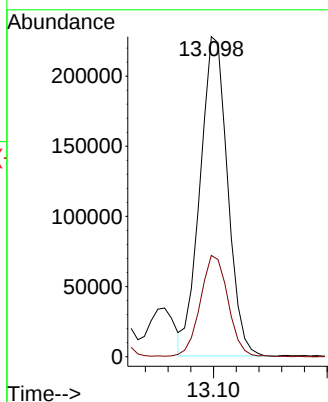
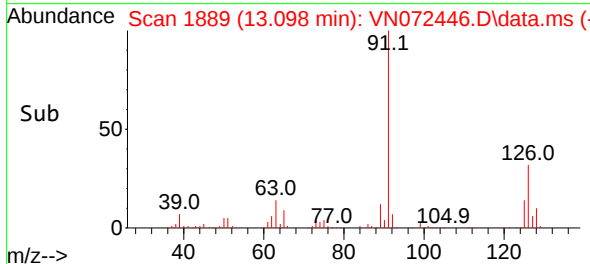
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MS



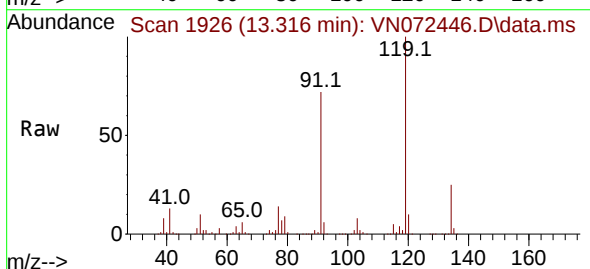
Tgt Ion: 91 Resp: 383750
Ion Ratio Lower Upper
91 100
126 32.1 17.2 51.6

Manual Integrations
APPROVED

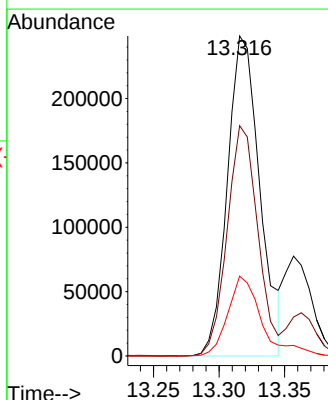
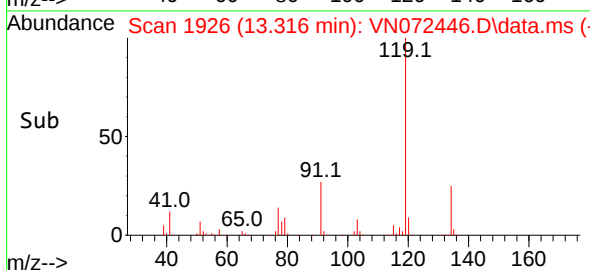
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

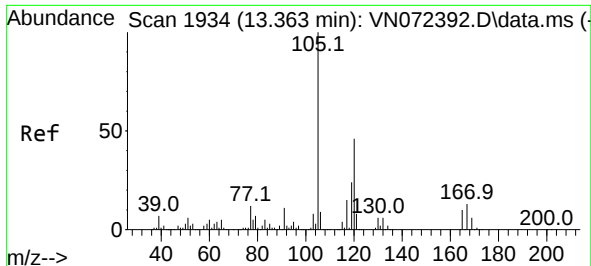


#83
tert-Butylbenzene
Concen: 50.993 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. -0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19



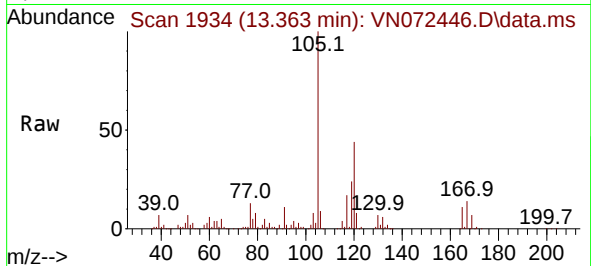
Tgt Ion:119 Resp: 428616
Ion Ratio Lower Upper
119 100
91 68.1 31.6 94.8
134 26.0 13.7 41.1





#84
1,2,4-Trimethylbenzene
Concen: 51.940 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

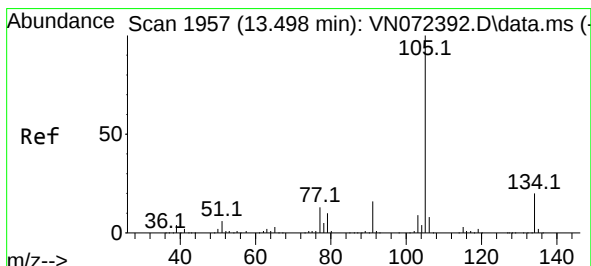
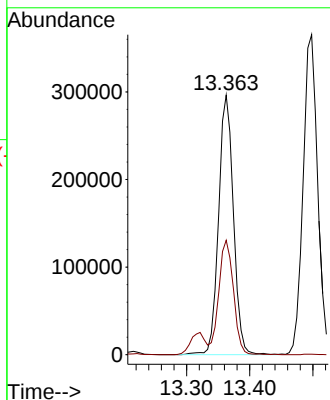
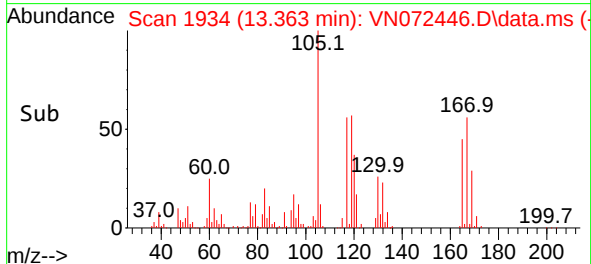
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MS



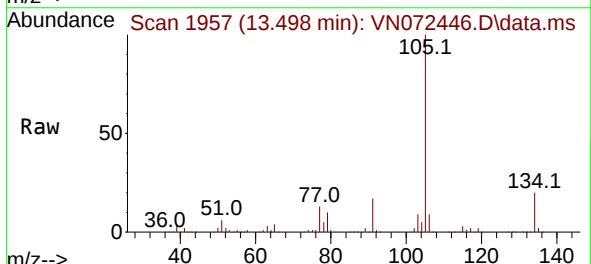
Tgt Ion:105 Resp: 485115
Ion Ratio Lower Upper
105 100
120 43.8 23.3 69.8

Manual Integrations
APPROVED

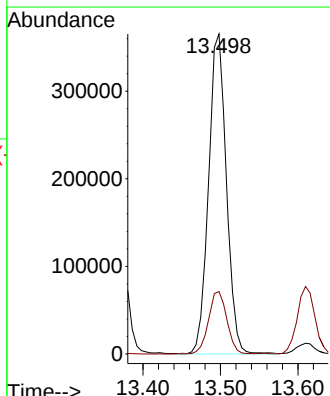
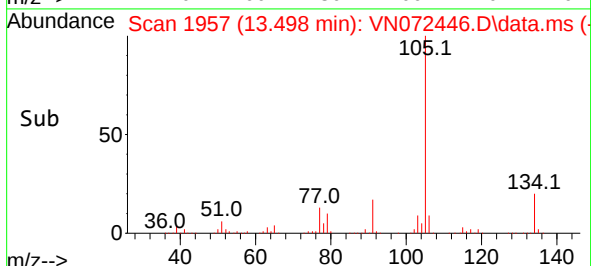
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

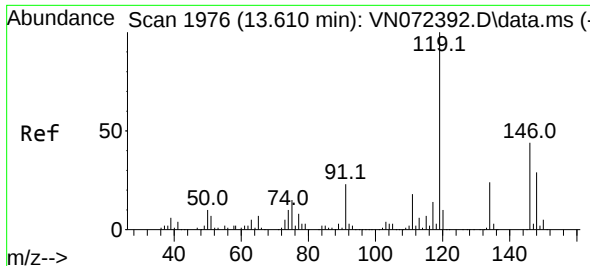


#85
sec-Butylbenzene
Concen: 52.116 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19



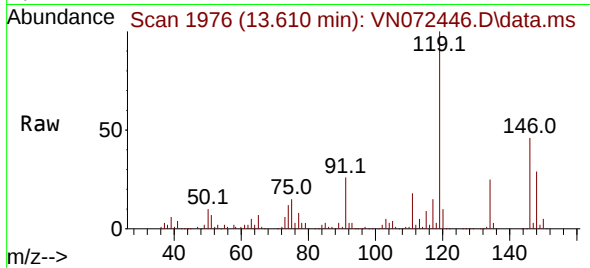
Tgt Ion:105 Resp: 584203
Ion Ratio Lower Upper
105 100
134 20.0 10.4 31.1





#86
p-Isopropyltoluene
Concen: 54.812 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

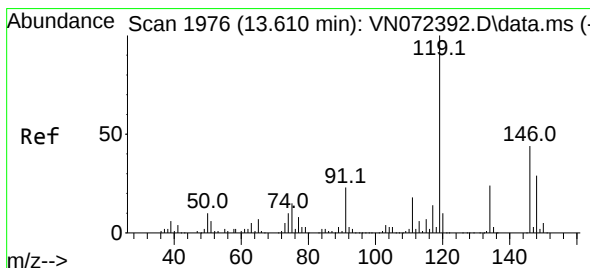
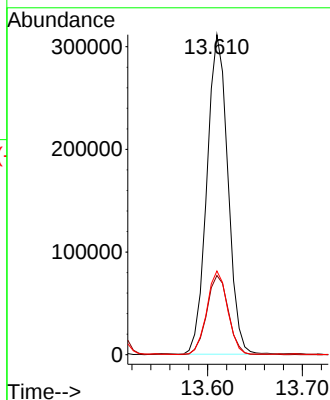
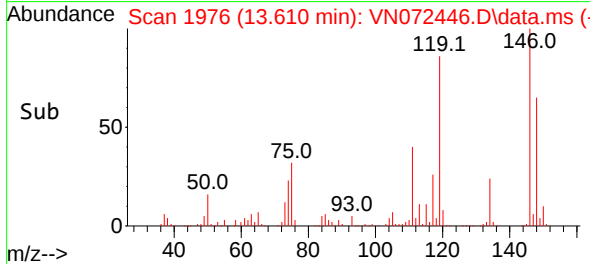
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MS



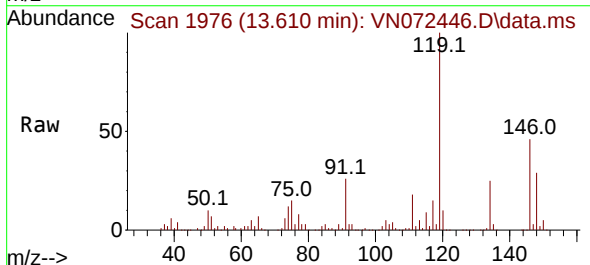
Tgt Ion:119 Resp: 478611
Ion Ratio Lower Upper
119 100
134 25.5 13.3 39.8
91 25.8 11.3 33.9

Manual Integrations
APPROVED

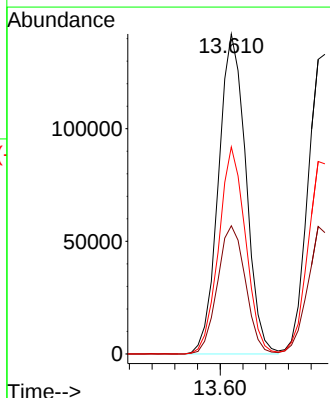
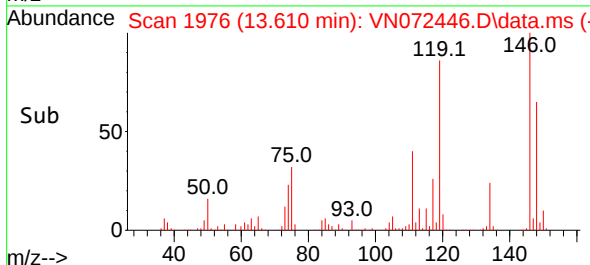
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

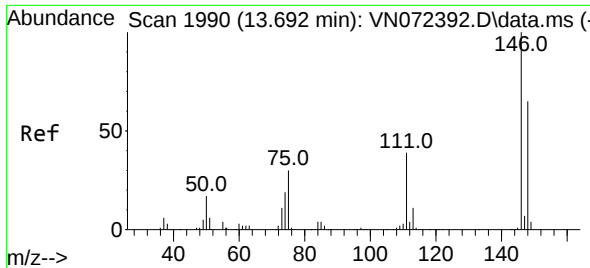


#87
1,3-Dichlorobenzene
Concen: 49.273 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19



Tgt Ion:146 Resp: 238337
Ion Ratio Lower Upper
146 100
111 40.9 20.0 60.0
148 63.3 32.0 96.0





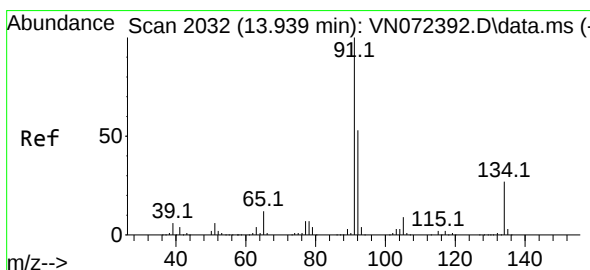
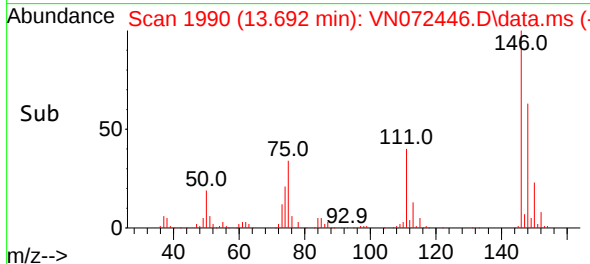
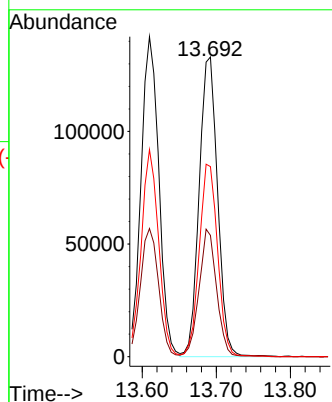
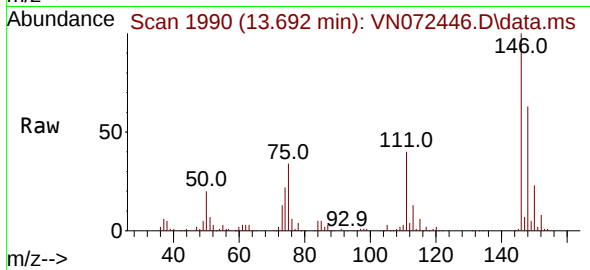
#88
1,4-Dichlorobenzene
Concen: 47.763 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MS

Tgt Ion:146 Resp: 229839
Ion Ratio Lower Upper
146 100
111 39.8 19.1 57.1
148 64.3 31.4 94.3

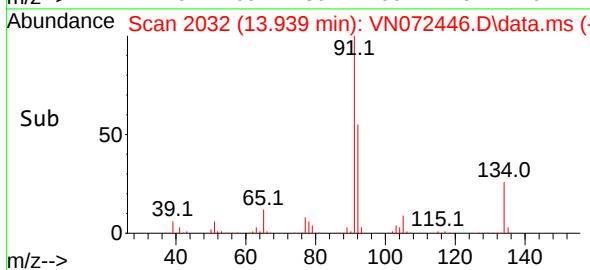
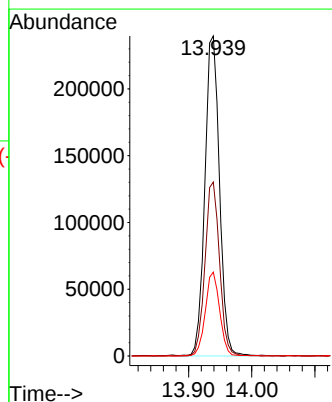
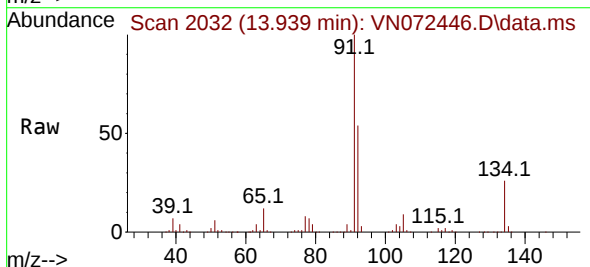
Manual Integrations
APPROVED

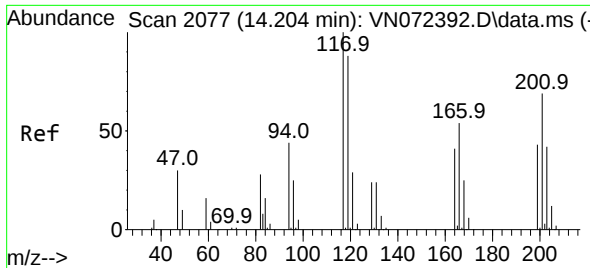
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#89
n-Butylbenzene
Concen: 57.787 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

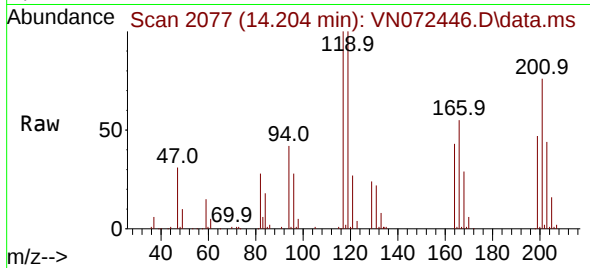
Tgt Ion: 91 Resp: 385704
Ion Ratio Lower Upper
91 100
92 54.1 26.9 80.7
134 25.8 13.6 40.8





#90
Hexachloroethane
Concen: 54.439 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

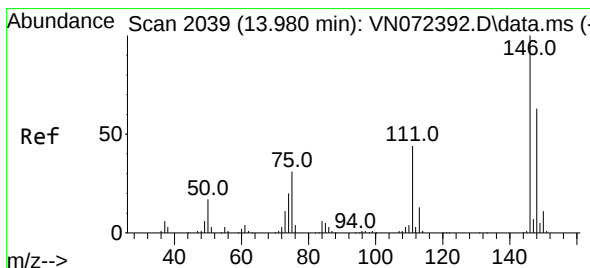
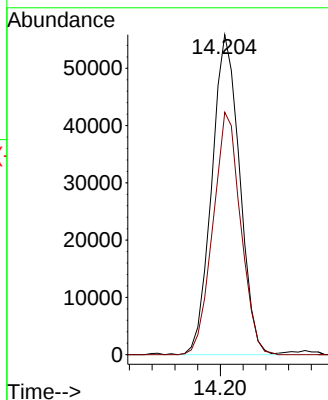
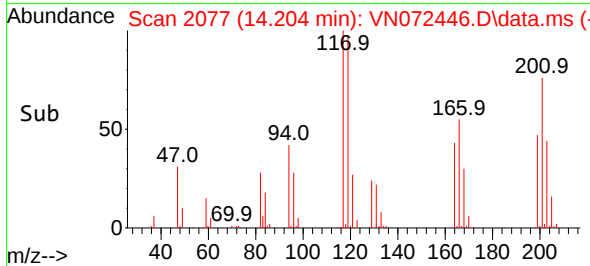
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MS



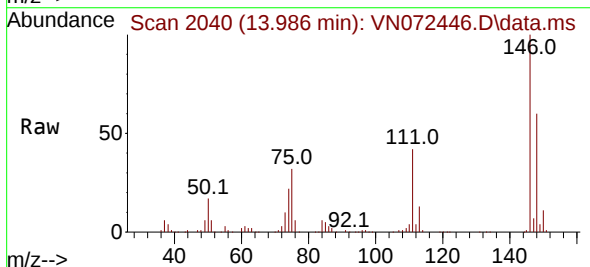
Tgt Ion:117 Resp: 9499
Ion Ratio Lower Upper
117 100
201 75.3 40.6 122.0

Manual Integrations
APPROVED

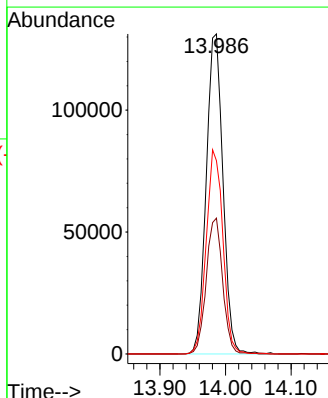
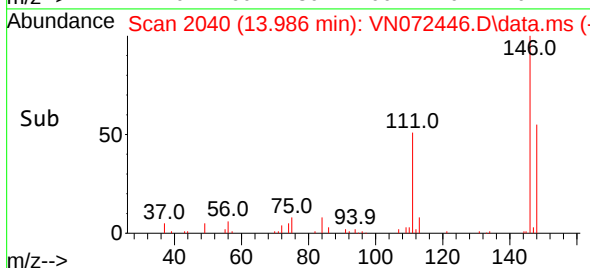
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

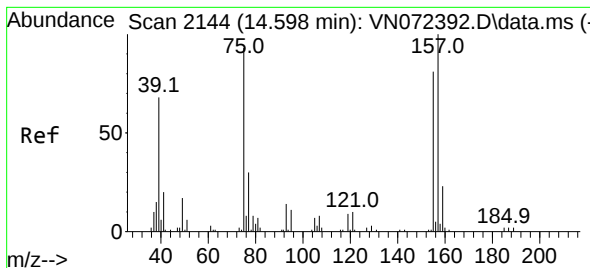


#91
1,2-Dichlorobenzene
Concen: 48.136 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.006 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19



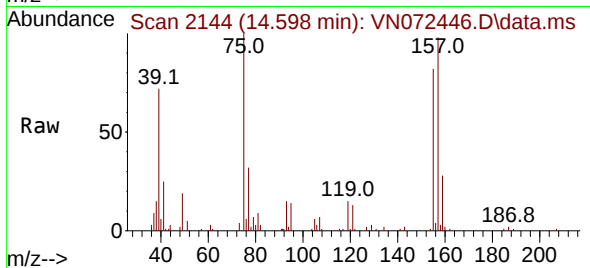
Tgt Ion:146 Resp: 232542
Ion Ratio Lower Upper
146 100
111 41.8 20.9 62.8
148 63.6 32.1 96.3





#92
1,2-Dibromo-3-Chloropropane
Concen: 56.028 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

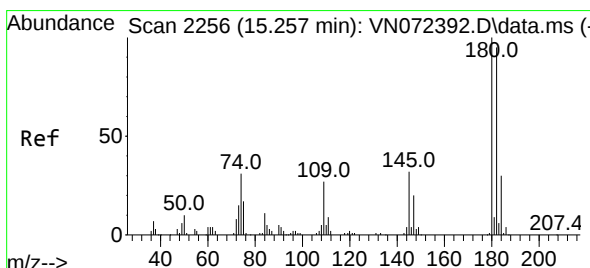
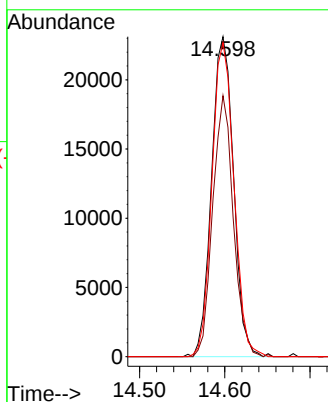
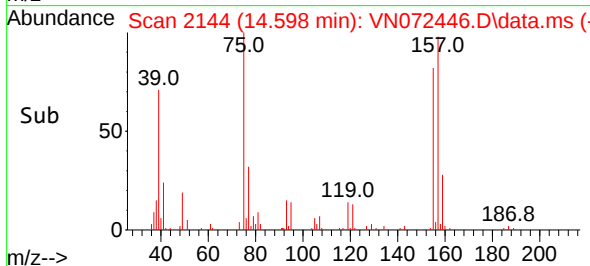
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MS



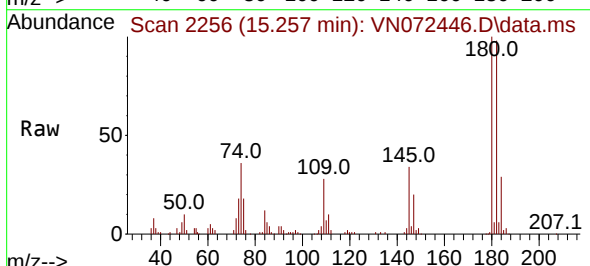
Tgt Ion: 75 Resp: 4146
Ion Ratio Lower Upper
75 100
155 76.8 44.9 134.5
157 97.9 59.0 176.8

Manual Integrations
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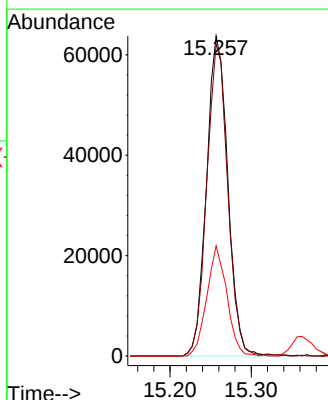
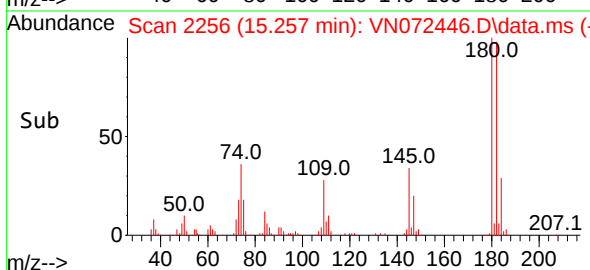
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

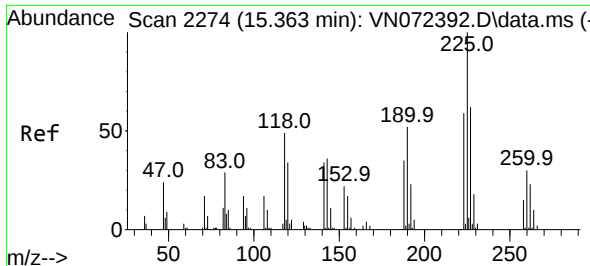


#93
1,2,4-Trichlorobenzene
Concen: 63.397 ug/l
RT: 15.257 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19



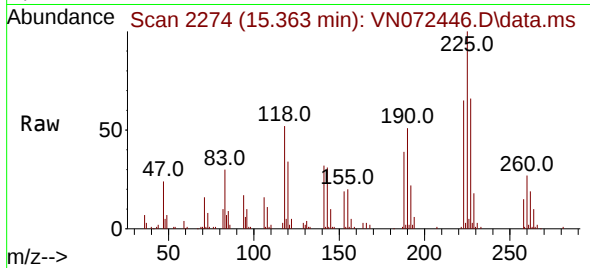
Tgt Ion:180 Resp: 116018
Ion Ratio Lower Upper
180 100
182 95.9 47.5 142.5
145 32.5 14.5 43.5





#94
Hexachlorobutadiene
Concen: 54.928 ug/l
RT: 15.363 min Scan# 2274
Delta R.T. -0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19

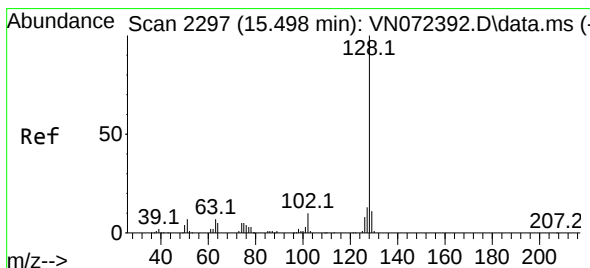
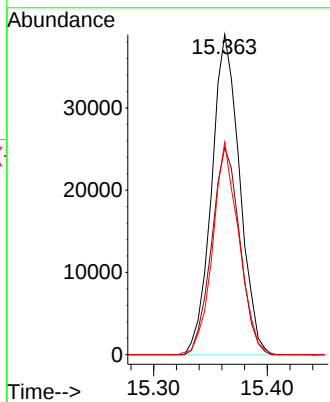
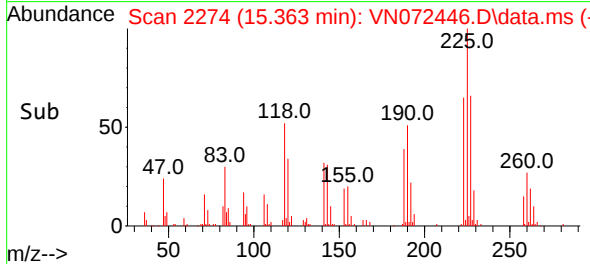
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MS



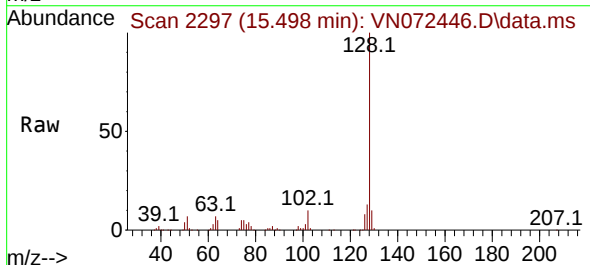
Tgt Ion:225 Resp: 66558
Ion Ratio Lower Upper
225 100
223 65.2 32.4 97.2
227 62.2 31.8 95.4

Manual Integrations
APPROVED

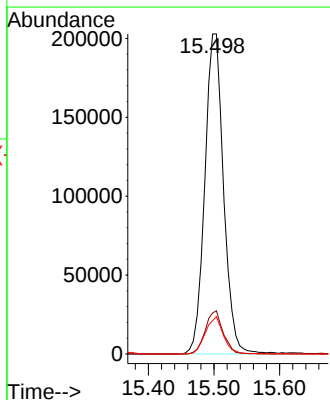
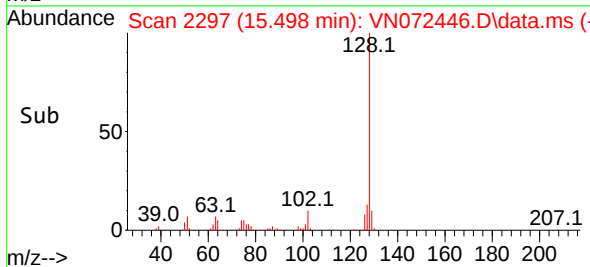
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

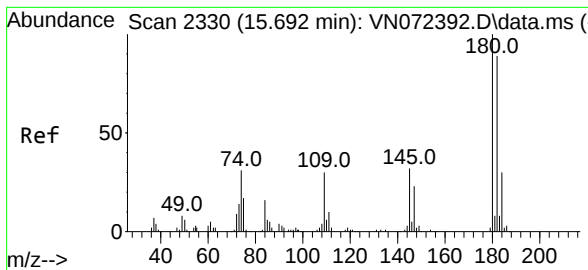


#95
Naphthalene
Concen: 59.136 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072446.D
Acq: 12 May 2022 12:19



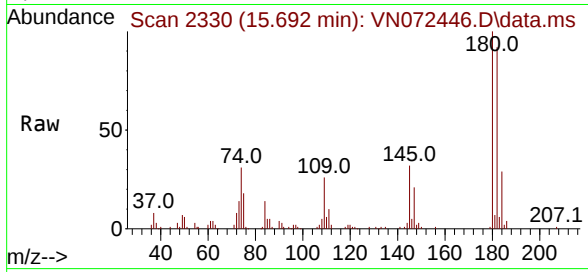
Tgt Ion:128 Resp: 404153
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.1 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 63.294 ug/l
 RT: 15.692 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN072446.D
 Acq: 12 May 2022 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 BEM-MW-04MS



Tgt Ion:	180	Resp:	11607
Ion Ratio	Lower	Upper	
180	100		
182	94.2	47.8	143.3
145	33.4	15.5	46.5

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022

