

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051222\
 Data File : VN072447.D
 Acq On : 12 May 2022 12:55
 Operator : JC\MD
 Sample : N2791-03MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BEM-MW-04MSD

Manual Integrations
 APPROVED

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

Quant Time: May 13 02:42:35 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	193306	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	298046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	284615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	138536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	153607	51.880	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.760%			
35) Dibromofluoromethane	8.016	113	105669	53.290	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.580%			
50) Toluene-d8	10.439	98	387570	51.321	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.640%			
62) 4-Bromofluorobenzene	12.727	95	147512	58.816	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 117.640%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	116212	48.204	ug/l	98
3) Chloromethane	2.299	50	100474	44.381	ug/l	98
4) Vinyl Chloride	2.446	62	86897	42.331	ug/l	96
5) Bromomethane	2.846	94	44515	36.423	ug/l	97
6) Chloroethane	3.010	64	49862	46.256	ug/l	98
7) Trichlorofluoromethane	3.375	101	192576	50.616	ug/l	100
8) Diethyl Ether	3.828	74	63408	46.197	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.216	101	98356	47.377	ug/l	98
10) Methyl Iodide	4.416	142	17364	6.310	ug/l	# 82
11) Tert butyl alcohol	5.357	59	119580	247.000	ug/l	100
12) 1,1-Dichloroethene	4.187	96	85606	44.008	ug/l	86
13) Acrolein	4.040	56	97654	206.165	ug/l	97
14) Allyl chloride	4.840	41	164534	45.429	ug/l	93
15) Acrylonitrile	5.545	53	297175	225.893	ug/l	99
16) Acetone	4.281	43	533149	454.682	ug/l	95
17) Carbon Disulfide	4.534	76	213979	42.415	ug/l	99
18) Methyl Acetate	4.851	43	155952	45.172	ug/l	94
19) Methyl tert-butyl Ether	5.610	73	366958	52.201	ug/l	97
20) Methylene Chloride	5.092	84	103527	43.060	ug/l	88
21) trans-1,2-Dichloroethene	5.598	96	92083	45.246	ug/l	91
22) Diisopropyl ether	6.492	45	334325	45.428	ug/l	98
23) Vinyl Acetate	6.428	43	1462377	237.477	ug/l	97
24) 1,1-Dichloroethane	6.381	63	184437	44.410	ug/l	99
25) 2-Butanone	7.328	43	458234	247.612	ug/l	94
26) 2,2-Dichloropropane	7.328	77	176788	50.656	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	113289	46.303	ug/l	93
28) Bromochloromethane	7.657	49	79791	45.249	ug/l	97
29) Tetrahydrofuran	7.681	42	270551	224.947	ug/l	93
30) Chloroform	7.816	83	203187	48.091	ug/l	100
31) Cyclohexane	8.092	56	163845	41.762	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	194407	50.166	ug/l	99
36) 1,1-Dichloropropene	8.222	75	145065	50.936	ug/l	97
37) Ethyl Acetate	7.404	43	167472	49.011	ug/l	95
38) Carbon Tetrachloride	8.204	117	176168	55.269	ug/l	98
39) Methylcyclohexane	9.457	83	174655	54.566	ug/l	94
40) Benzene	8.457	78	418066	49.139	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	91544	54.106	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	183053	53.531	ug/l	94
43) Isopropyl Acetate	8.551	43	268712	51.198	ug/l	95
44) Trichloroethene	9.216	130	107901	49.959	ug/l	99
45) 1,2-Dichloropropane	9.486	63	109449	50.374	ug/l	97
46) Dibromomethane	9.575	93	79711	52.689	ug/l	95
47) Bromodichloromethane	9.757	83	169435	54.936	ug/l	98
48) Methyl methacrylate	9.557	41	121903	49.782	ug/l	95
49) 1,4-Dioxane	9.563	88	43744	1047.219	ug/l #	95
51) 4-Methyl-2-Pentanone	10.327	43	879349	269.817	ug/l	94
52) Toluene	10.504	92	270002	51.467	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	182486	58.127	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	181651	54.232	ug/l #	91
55) 1,1,2-Trichloroethane	10.892	97	109834	50.257	ug/l	98
56) Ethyl methacrylate	10.757	69	180575	57.651	ug/l	88
57) 1,3-Dichloropropane	11.039	76	192167	51.637	ug/l	100
59) 2-Hexanone	11.080	43	649396	284.175	ug/l	92
60) Dibromochloromethane	11.233	129	132246	56.964	ug/l	100
61) 1,2-Dibromoethane	11.339	107	116775	53.615	ug/l	100
64) Tetrachloroethene	10.974	164	92801	45.299	ug/l	97
65) Chlorobenzene	11.769	112	290812	50.011	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	117524	50.495	ug/l	97
67) Ethyl Benzene	11.839	91	536520	53.476	ug/l	97
68) m/p-Xylenes	11.945	106	413103	108.563	ug/l	92
69) o-Xylene	12.274	106	204203	54.619	ug/l	92
70) Styrene	12.292	104	254783	44.546	ug/l	94
71) Bromoform	12.457	173	98576	57.416	ug/l #	99
73) Isopropylbenzene	12.574	105	531471	46.309	ug/l	98
74) N-amyl acetate	12.380	43	225351	55.551	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.821	83	166844	40.044	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	152920m	42.321	ug/l	
77) Bromobenzene	12.857	156	127183	46.320	ug/l	97
78) n-propylbenzene	12.916	91	605352	49.293	ug/l	99
79) 2-Chlorotoluene	13.004	91	371335	46.027	ug/l	95
80) 1,3,5-Trimethylbenzene	13.051	105	434910	46.270	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.621	75	53433	49.333	ug/l	92
82) 4-Chlorotoluene	13.098	91	371351	48.569	ug/l	96
83) tert-Butylbenzene	13.315	119	406030	49.344	ug/l	95
84) 1,2,4-Trimethylbenzene	13.363	105	421678	46.118	ug/l	95
85) sec-Butylbenzene	13.498	105	554475	50.526	ug/l	99
86) p-Isopropyltoluene	13.610	119	421727	49.335	ug/l	96
87) 1,3-Dichlorobenzene	13.610	146	234755	49.575	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	233225	49.508	ug/l	97
89) n-Butylbenzene	13.939	91	368948	56.463	ug/l	98
90) Hexachloroethane	14.204	117	90349	52.891	ug/l	90
91) 1,2-Dichlorobenzene	13.980	146	232982	49.262	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	40318	55.648	ug/l	86
93) 1,2,4-Trichlorobenzene	15.257	180	124912	69.723	ug/l	98
94) Hexachlorobutadiene	15.362	225	68249	57.536	ug/l	98
95) Naphthalene	15.498	128	407872	60.863	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	121577	67.717	ug/l	99

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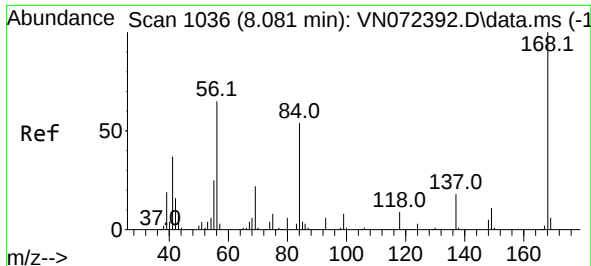
Manual Integrations
APPROVED

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 Supervised By : Mahesh Dadoda 05/13/2022

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

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



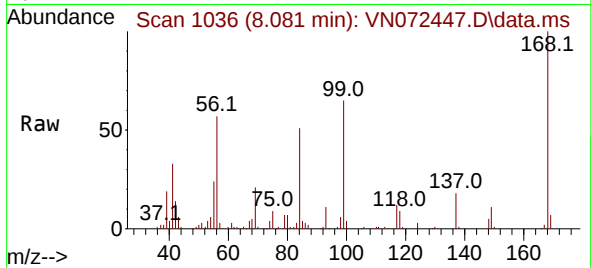
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072447.D
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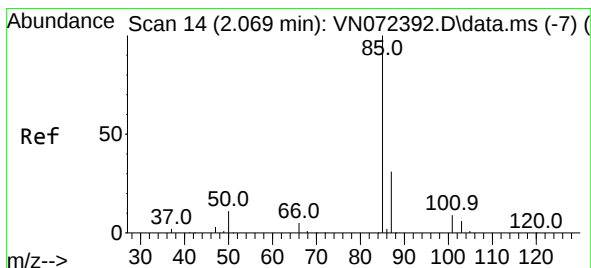
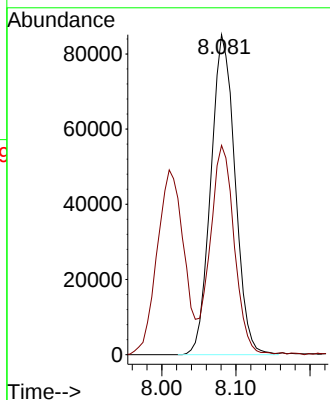
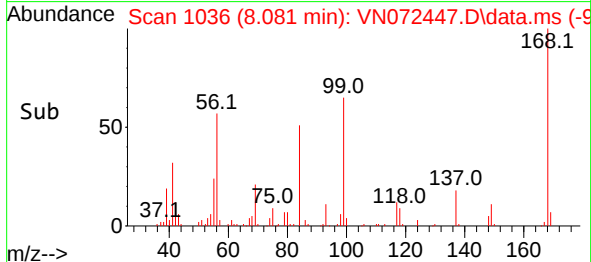
Tgt Ion:168 Resp: 193300
Ion Ratio Lower Upper
168 100
99 64.9 42.3 63.5

Manual Integrations

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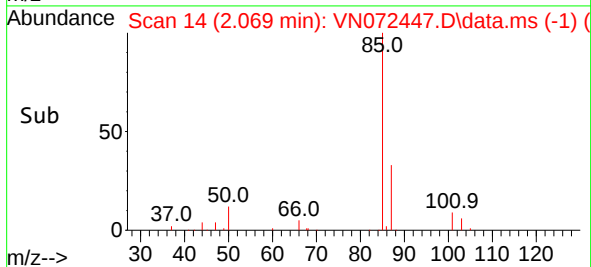
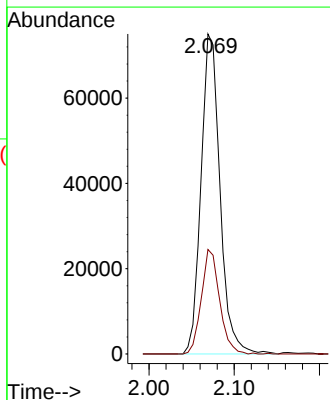
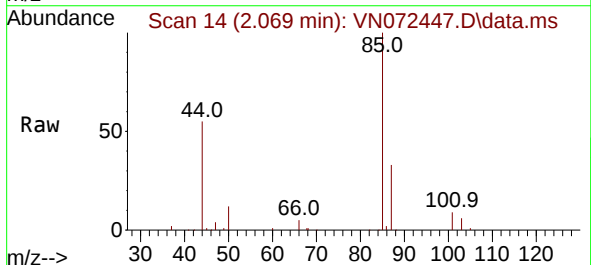
Reviewed By :John Carlone 05/13/2022

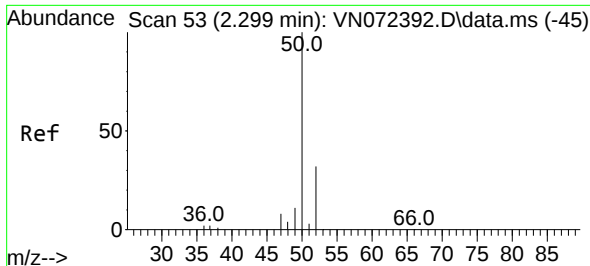
Supervised By :Mahesh Dadoda 05/13/2022



#2
Dichlorodifluoromethane
Concen: 48.204 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

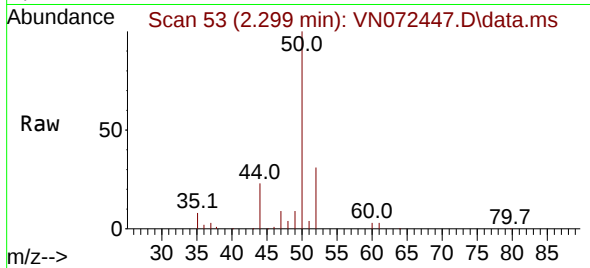
Tgt Ion: 85 Resp: 116212
Ion Ratio Lower Upper
85 100
87 32.7 15.7 47.1





#3
Chloromethane
Concen: 44.381 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

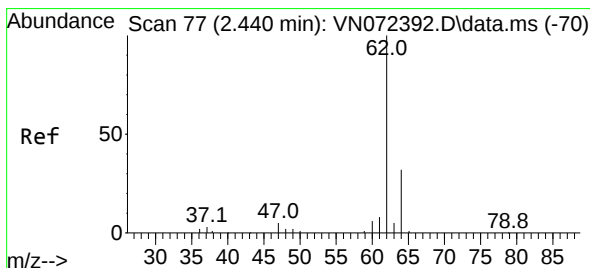
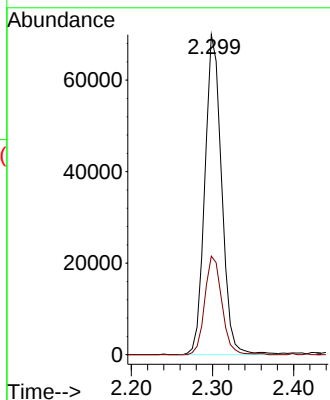
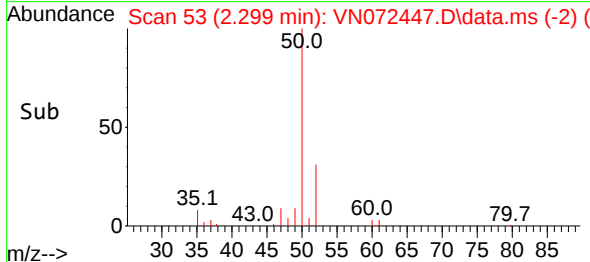
Instrument :
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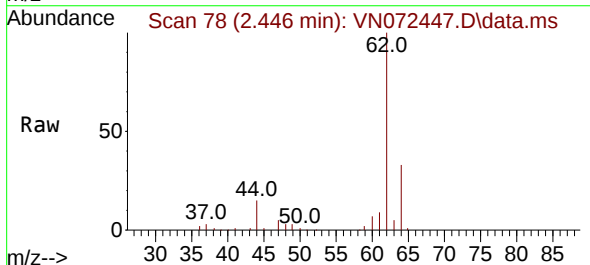
Tgt Ion: 50 Resp: 100474
Ion Ratio Lower Upper
50 100
52 30.8 25.7 38.5

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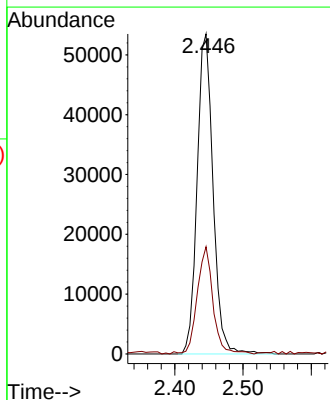
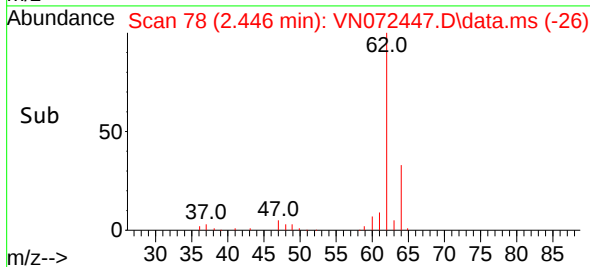
Reviewed By :John Carlone 05/13/2022
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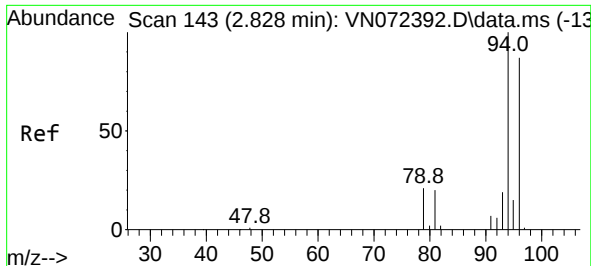


#4
Vinyl Chloride
Concen: 42.331 ug/l
RT: 2.446 min Scan# 78
Delta R.T. 0.006 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55



Tgt Ion: 62 Resp: 86897
Ion Ratio Lower Upper
62 100
64 33.5 25.0 37.4





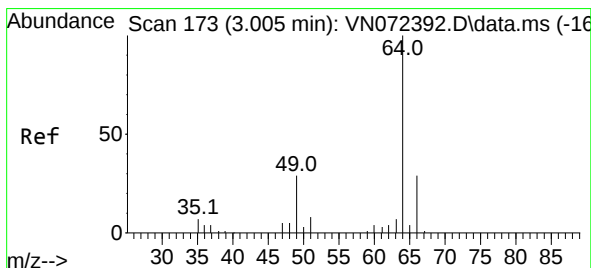
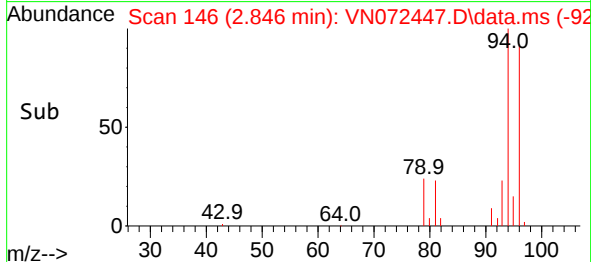
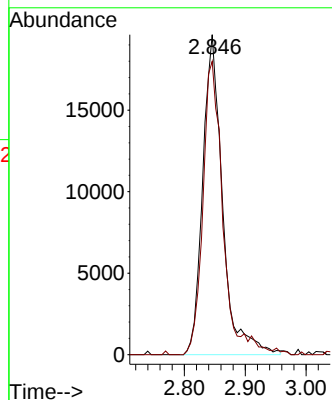
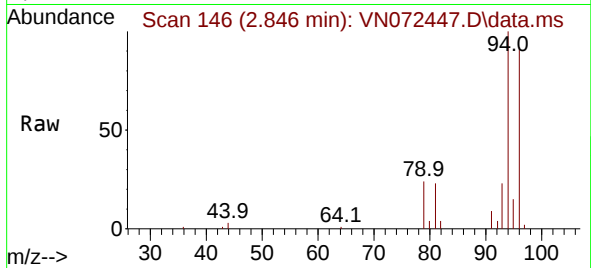
#5
Bromomethane
Concen: 36.423 ug/l
RT: 2.846 min Scan# 143
Delta R.T. 0.018 min
Lab File: VN072447.D
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Tgt Ion: 94 Resp: 4451
Ion Ratio Lower Upper
94 100
96 91.6 76.0 114.0

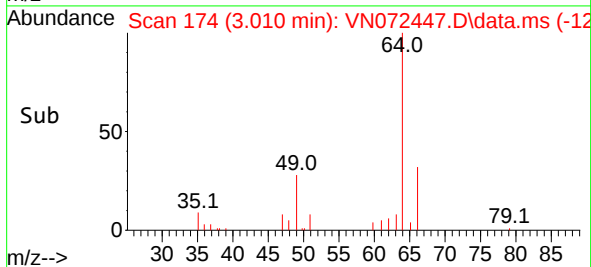
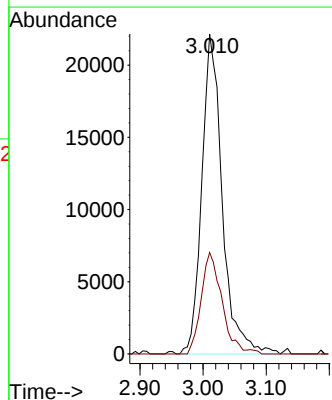
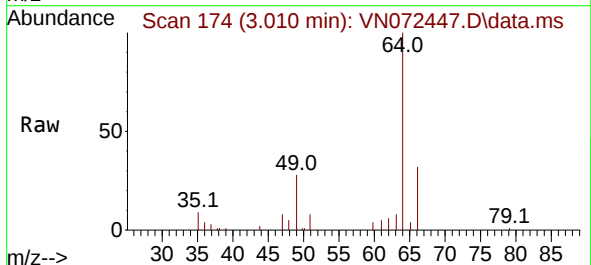
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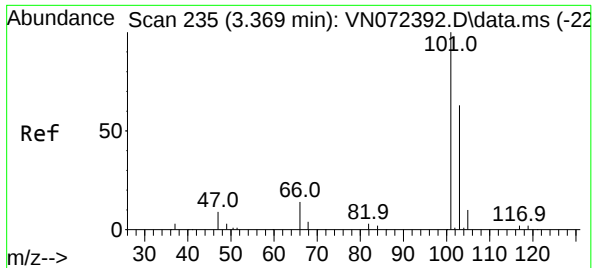
Reviewed By :John Carlone 05/13/2022
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#6
Chloroethane
Concen: 46.256 ug/l
RT: 3.010 min Scan# 174
Delta R.T. 0.005 min
Lab File: VN072447.D
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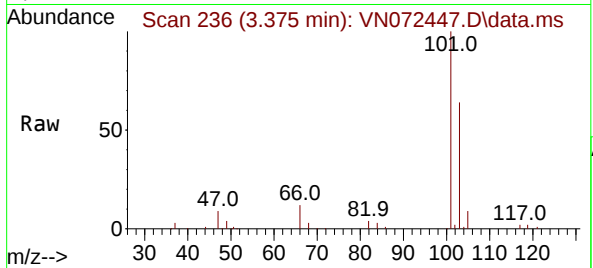
Tgt Ion: 64 Resp: 49862
Ion Ratio Lower Upper
64 100
66 31.7 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 50.616 ug/l
 RT: 3.375 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN072447.D
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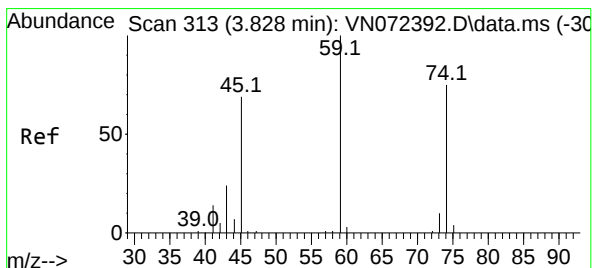
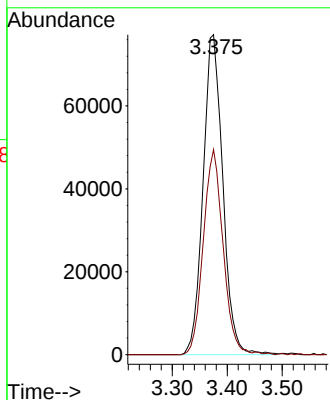
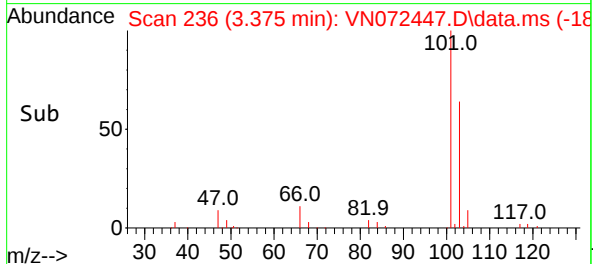
Instrument :
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 BEM-MW-04MSD



Tgt Ion:101 Resp: 192570
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.5 77.3

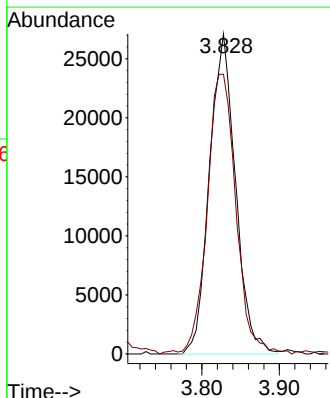
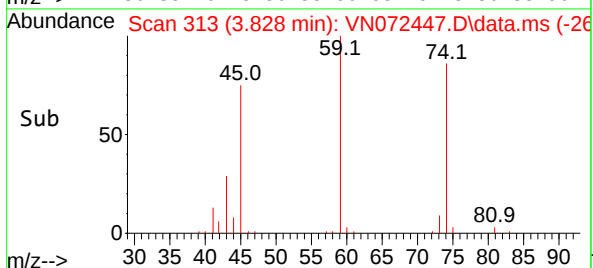
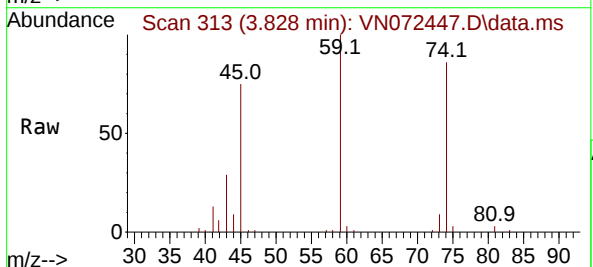
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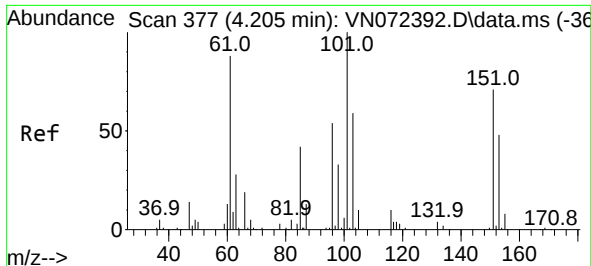
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022



#8
 Diethyl Ether
 Concen: 46.197 ug/l
 RT: 3.828 min Scan# 313
 Delta R.T. -0.000 min
 Lab File: VN072447.D
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Tgt Ion: 74 Resp: 63408
 Ion Ratio Lower Upper
 74 100
 45 96.5 42.9 128.5





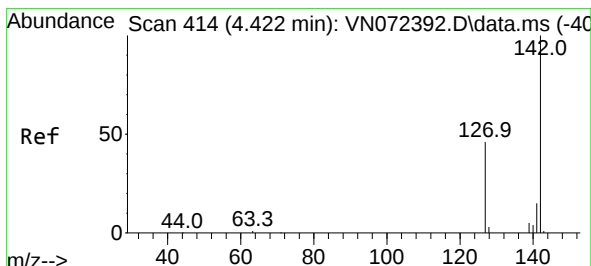
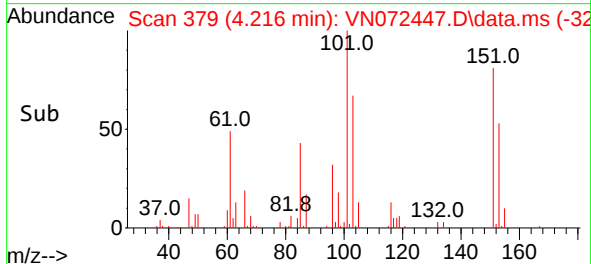
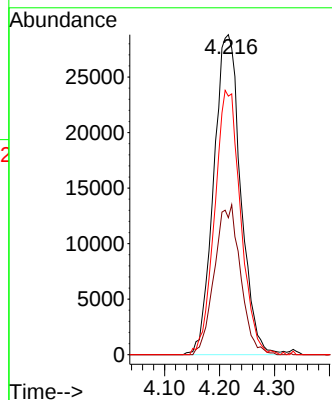
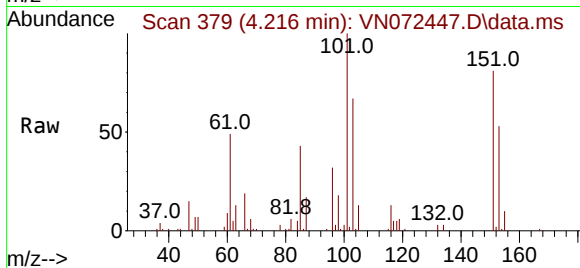
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.377 ug/l
RT: 4.216 min Scan# 31
Delta R.T. 0.011 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MSD

Tgt Ion:101 Resp: 98350
Ion Ratio Lower Upper
101 100
85 45.2 34.7 52.1
151 79.6 63.0 94.4

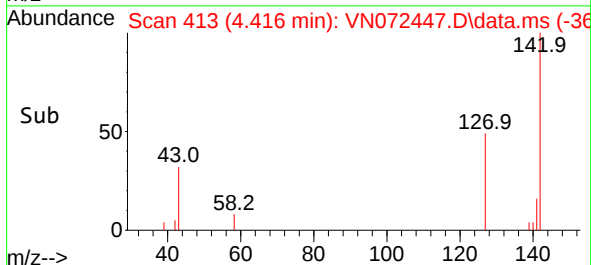
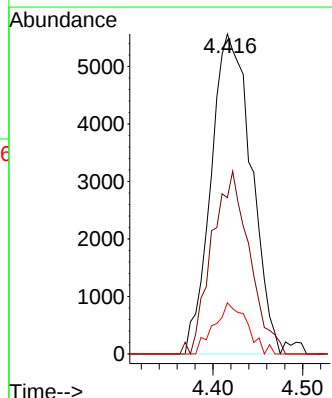
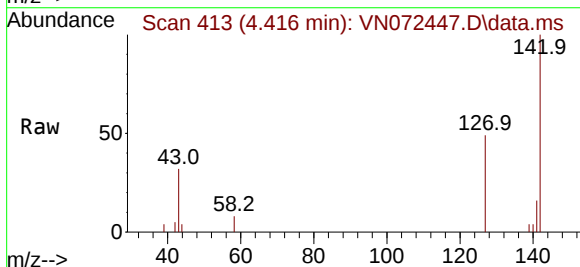
Manual Integrations
APPROVED

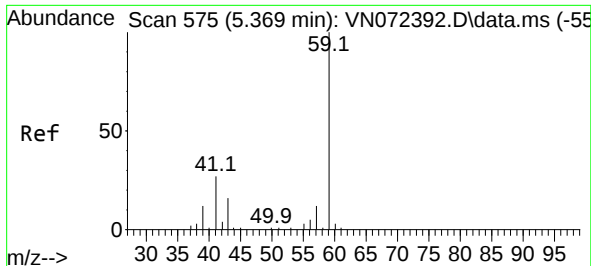
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#10
Methyl Iodide
Concen: 6.310 ug/l
RT: 4.416 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

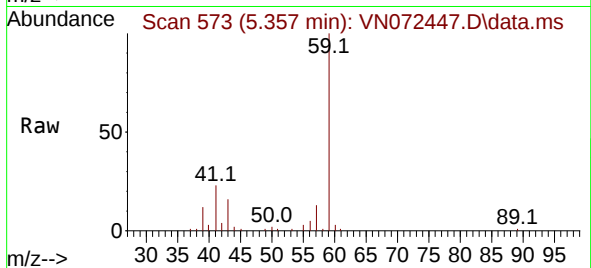
Tgt Ion:142 Resp: 17364
Ion Ratio Lower Upper
142 100
127 53.2 31.3 46.9#
141 13.1 11.2 16.8





#11
Tert butyl alcohol
Concen: 247.000 ug/l
RT: 5.357 min Scan# 511
Delta R.T. -0.012 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

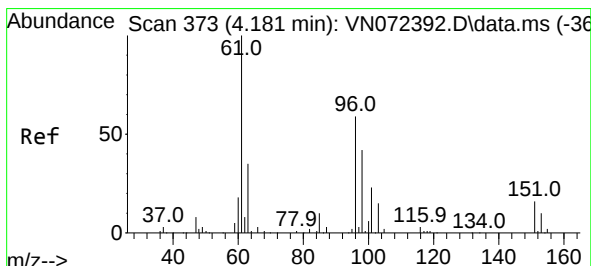
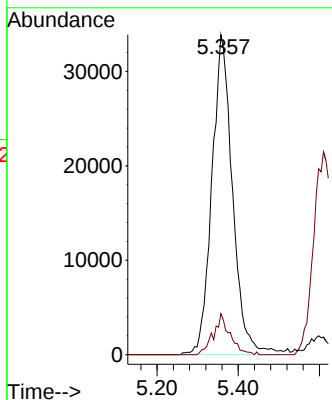
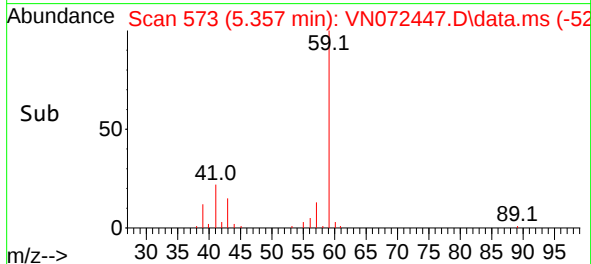
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MSD



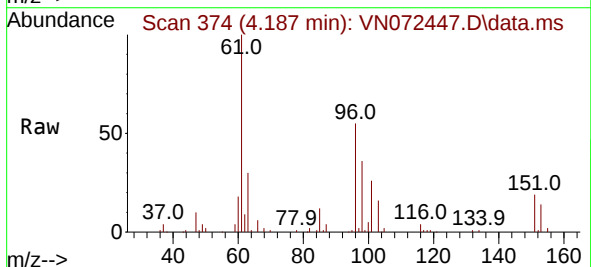
Tgt Ion: 59 Resp: 119580
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

Manual Integrations
APPROVED

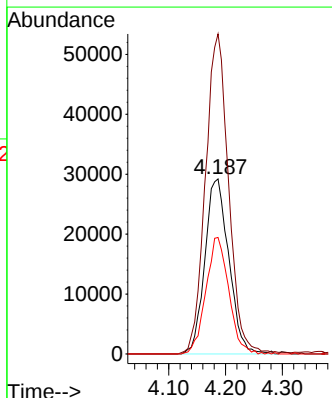
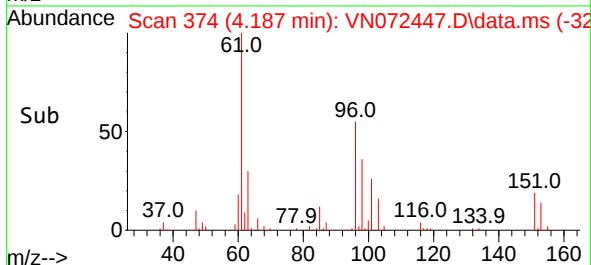
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

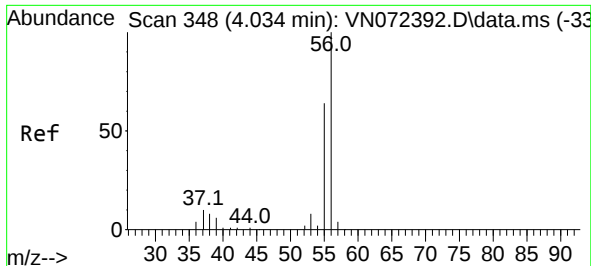


#12
1,1-Dichloroethene
Concen: 44.008 ug/l
RT: 4.187 min Scan# 374
Delta R.T. 0.006 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55



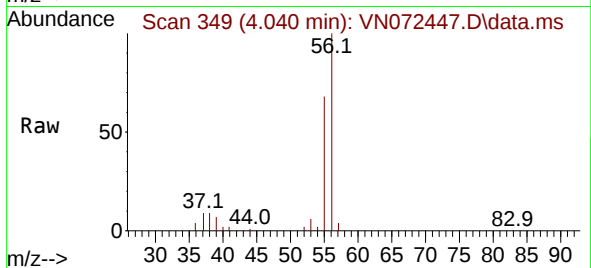
Tgt Ion: 96 Resp: 85606
Ion Ratio Lower Upper
96 100
61 182.8 127.6 191.4
98 66.5 51.2 76.8





#13
Acrolein
Concen: 206.165 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

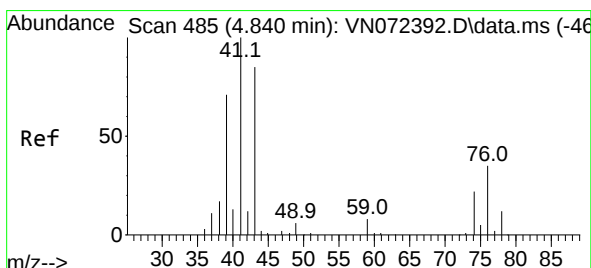
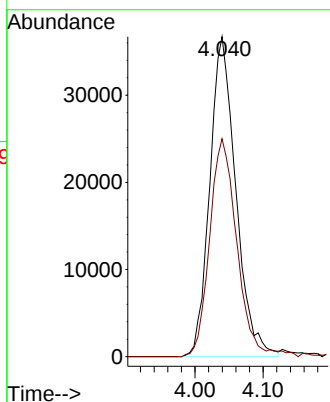
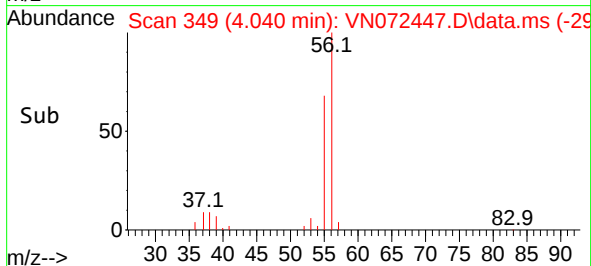
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MSD



Tgt Ion: 56 Resp: 97654
Ion Ratio Lower Upper
56 100
55 71.2 54.8 82.2

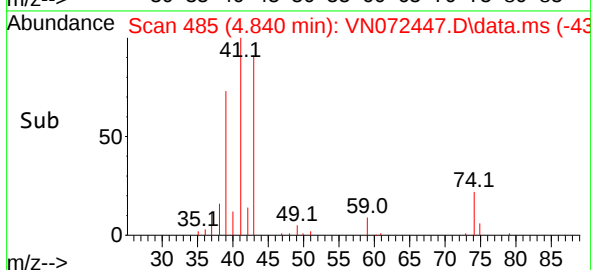
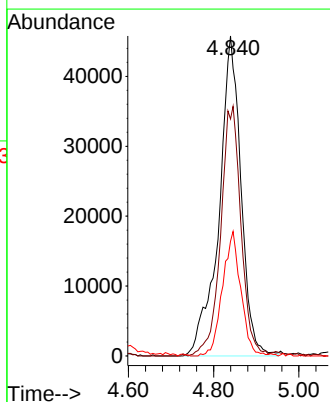
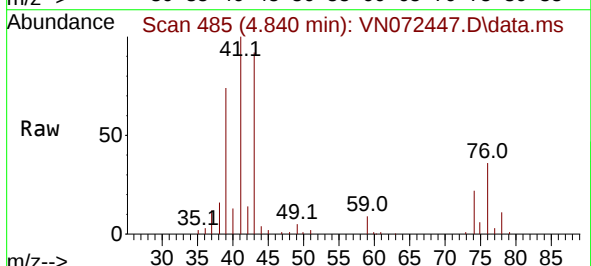
Manual Integrations
APPROVED

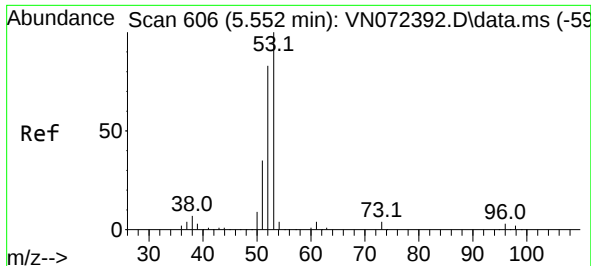
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#14
Allyl chloride
Concen: 45.429 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

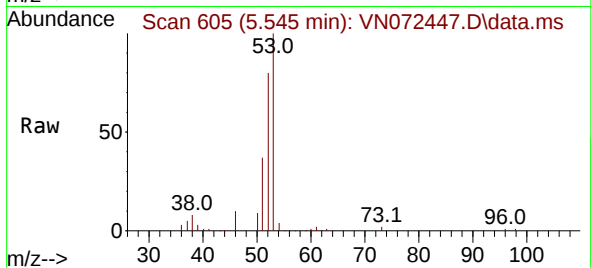
Tgt Ion: 41 Resp: 164534
Ion Ratio Lower Upper
41 100
39 71.9 53.2 79.8
76 32.4 29.9 44.9





#15
Acrylonitrile
Concen: 225.893 ug/l
RT: 5.545 min Scan# 606
Delta R.T. -0.007 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

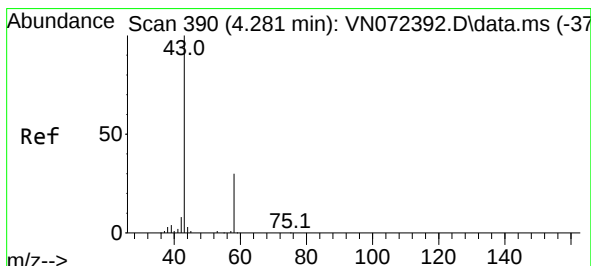
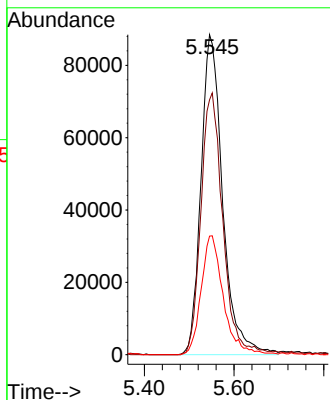
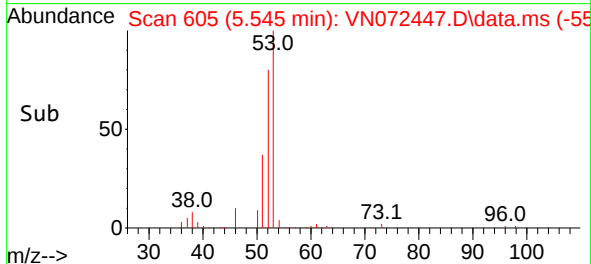
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MSD



Tgt Ion: 53 Resp: 297179
Ion Ratio Lower Upper
53 100
52 82.9 66.4 99.6
51 38.0 28.5 42.7

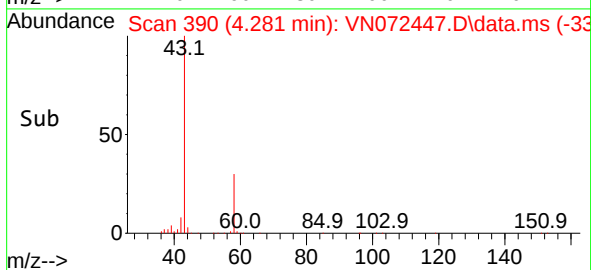
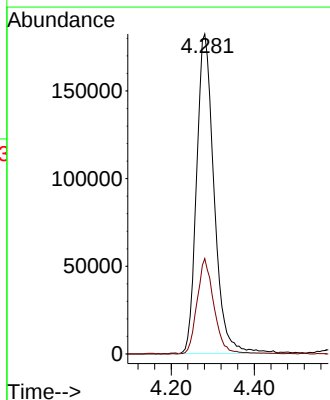
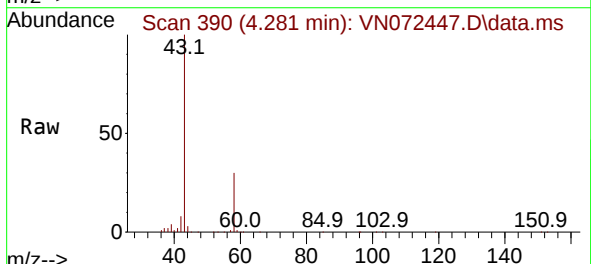
Manual Integrations
APPROVED

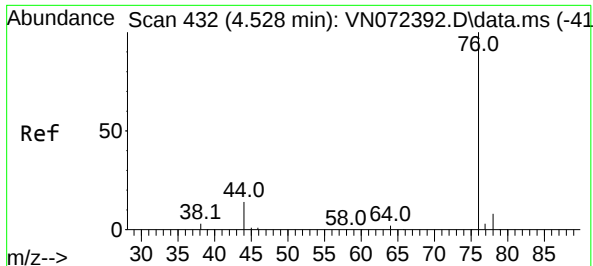
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#16
Acetone
Concen: 454.682 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

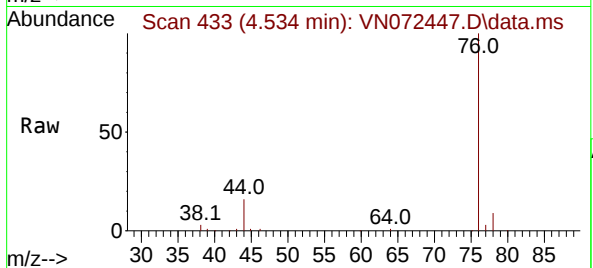
Tgt Ion: 43 Resp: 533149
Ion Ratio Lower Upper
43 100
58 29.8 26.0 39.0





#17
Carbon Disulfide
Concen: 42.415 ug/l
RT: 4.534 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

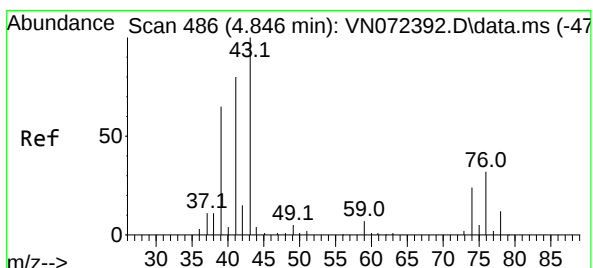
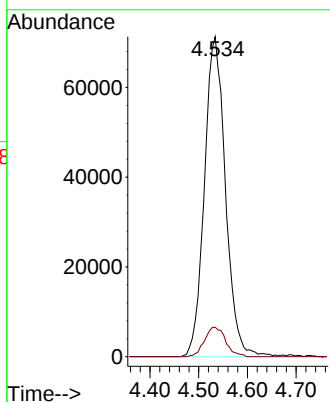
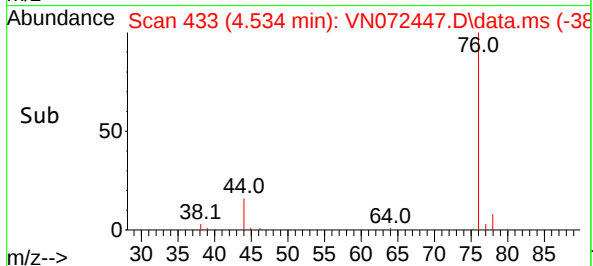
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MSD



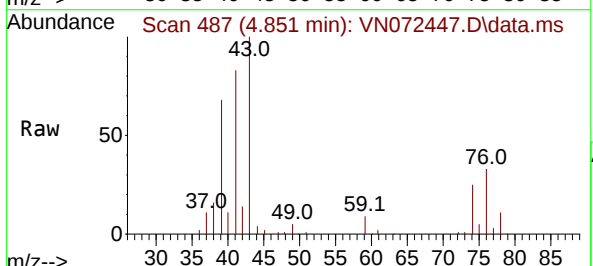
Tgt Ion: 76 Resp: 213979
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

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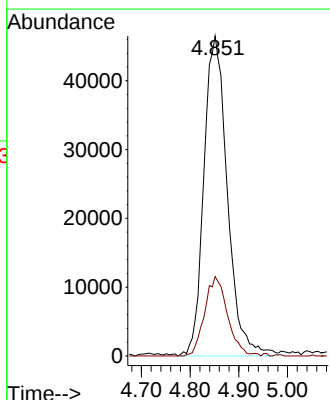
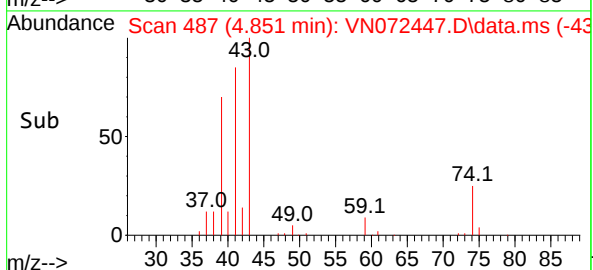
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

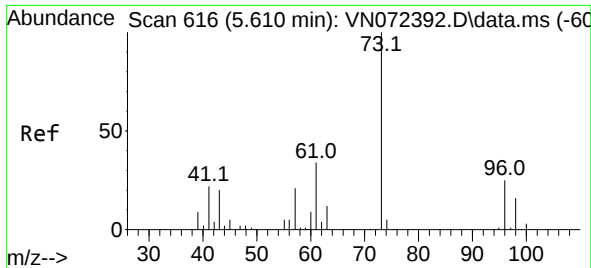


#18
Methyl Acetate
Concen: 45.172 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.005 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55



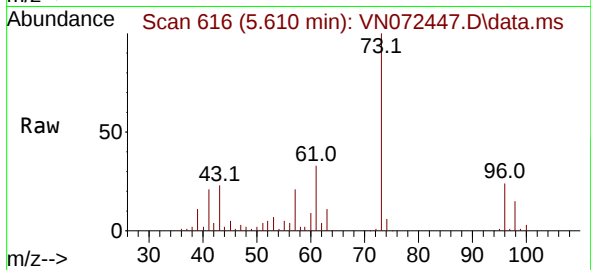
Tgt Ion: 43 Resp: 155952
Ion Ratio Lower Upper
43 100
74 24.1 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 52.201 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

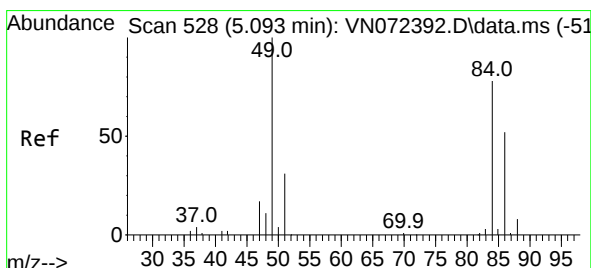
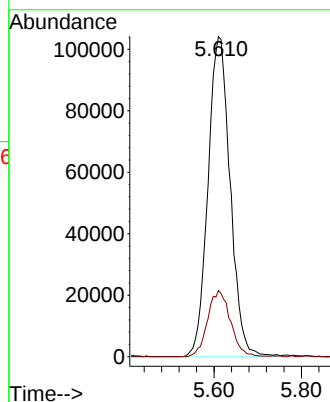
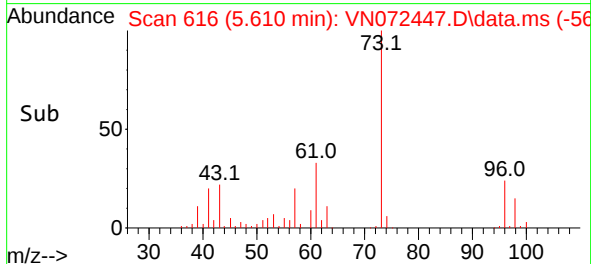
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MSD



Tgt Ion: 73 Resp: 366958
Ion Ratio Lower Upper
73 100
57 20.7 17.6 26.4

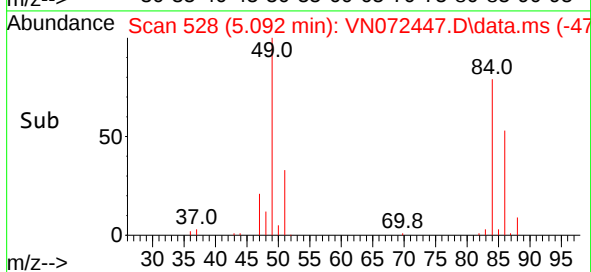
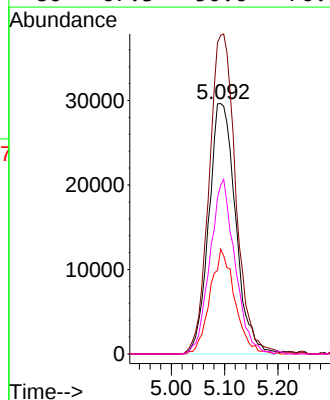
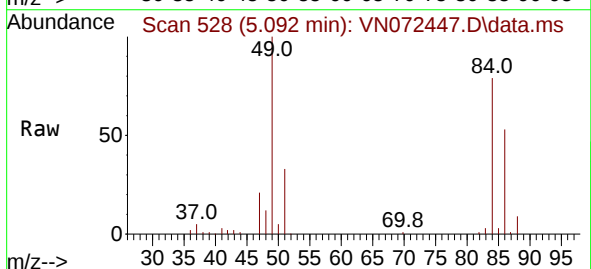
Manual Integrations
APPROVED

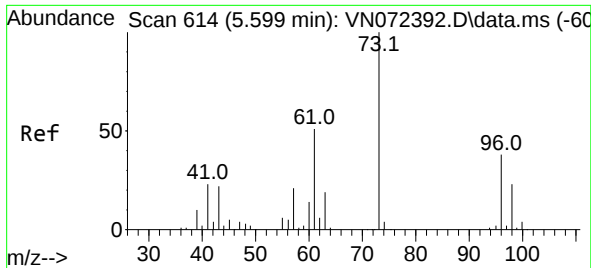
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#20
Methylene Chloride
Concen: 43.060 ug/l
RT: 5.092 min Scan# 528
Delta R.T. -0.001 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

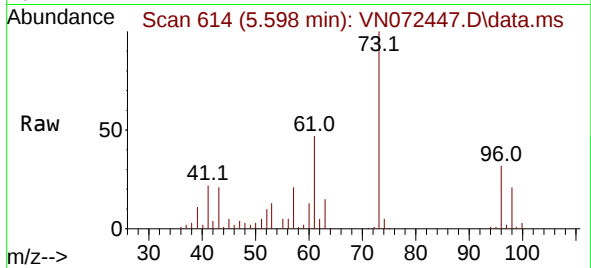
Tgt Ion: 84 Resp: 103527
Ion Ratio Lower Upper
84 100
49 127.3 88.3 132.5
51 41.8 28.2 42.2
86 67.3 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 45.246 ug/l
RT: 5.598 min Scan# 614
Delta R.T. -0.001 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

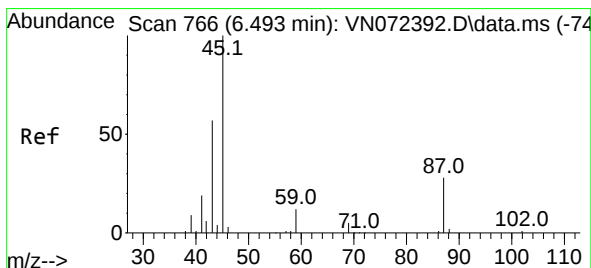
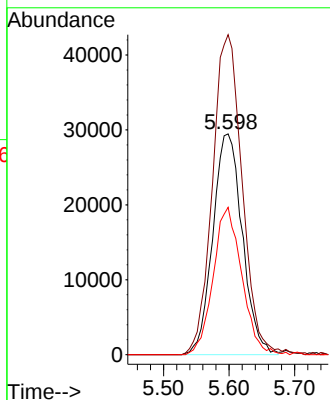
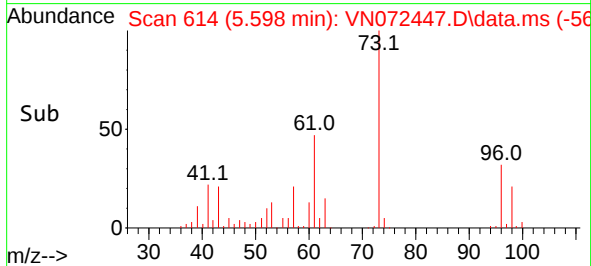
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MSD



Tgt Ion: 96 Resp: 92083
Ion Ratio Lower Upper
96 100
61 144.9 105.8 158.8
98 66.7 50.3 75.5

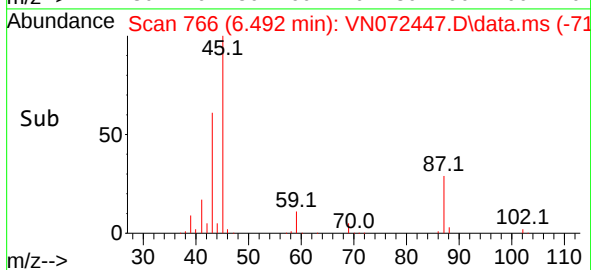
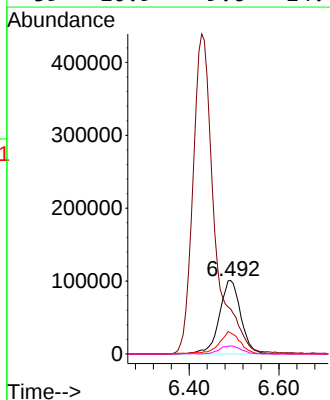
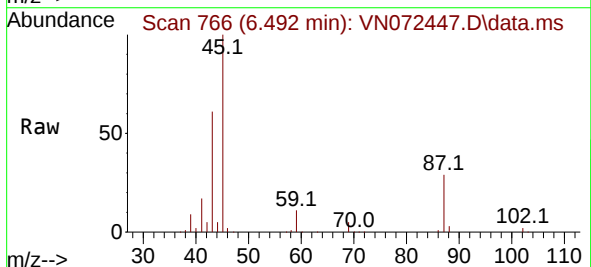
Manual Integrations
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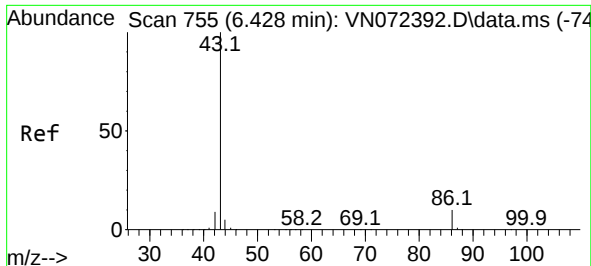
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#22
Diisopropyl ether
Concen: 45.428 ug/l
RT: 6.492 min Scan# 766
Delta R.T. -0.001 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

Tgt Ion: 45 Resp: 334325
Ion Ratio Lower Upper
45 100
43 59.6 46.6 70.0
87 28.4 24.3 36.5
59 10.9 9.6 14.4





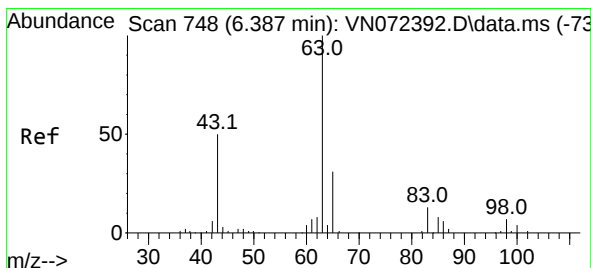
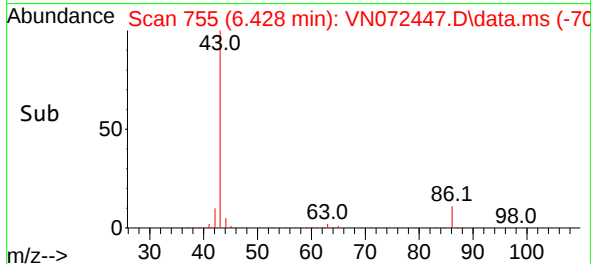
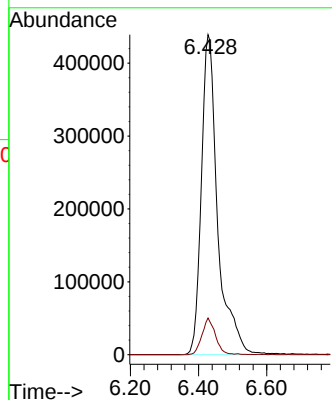
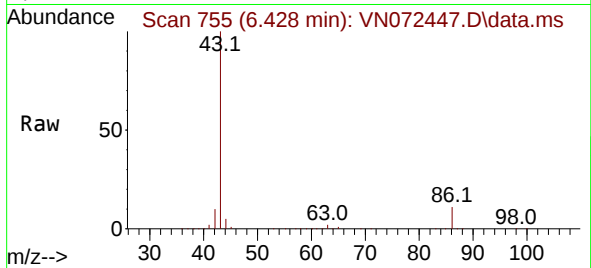
#23
 Vinyl Acetate
 Concen: 237.477 ug/l
 RT: 6.428 min Scan# 747
 Delta R.T. -0.000 min
 Lab File: VN072447.D
 Acq: 12 May 2022 12:55

Instrument :
 MSVOA_N
 ClientSampleId :
 BEM-MW-04MSD

Tgt Ion: 43 Resp: 146237
 Ion Ratio Lower Upper
 43 100
 86 11.4 10.0 15.0

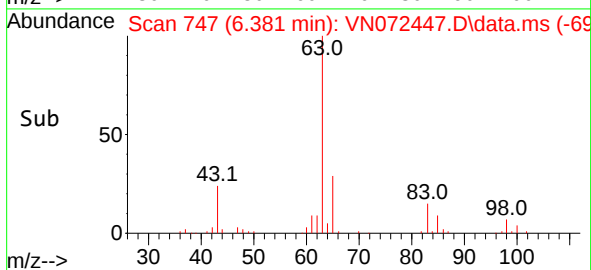
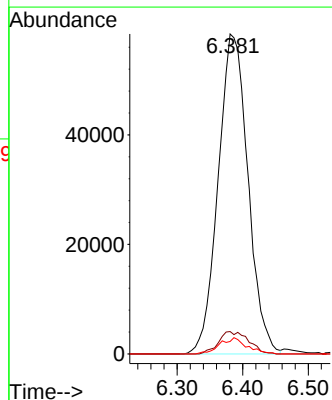
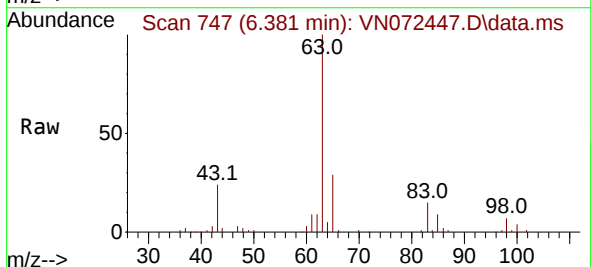
Manual Integrations
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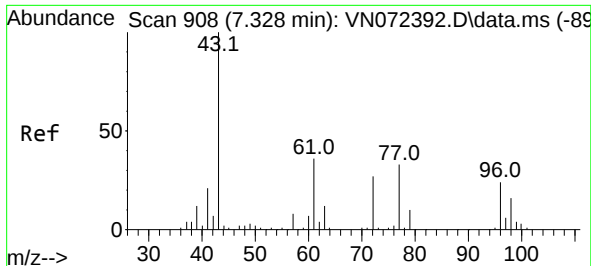
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022



#24
 1,1-Dichloroethane
 Concen: 44.410 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN072447.D
 Acq: 12 May 2022 12:55

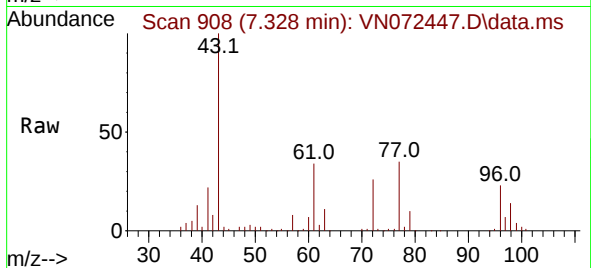
Tgt Ion: 63 Resp: 184437
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.4
 100 3.9 2.3 6.8





#25
2-Butanone
Concen: 247.612 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

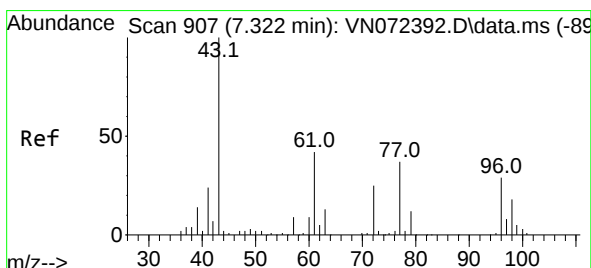
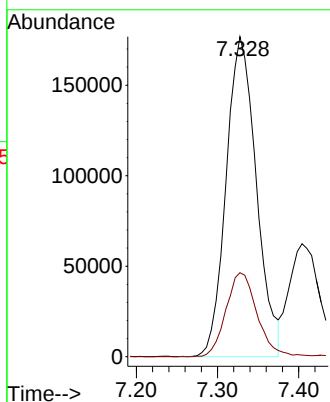
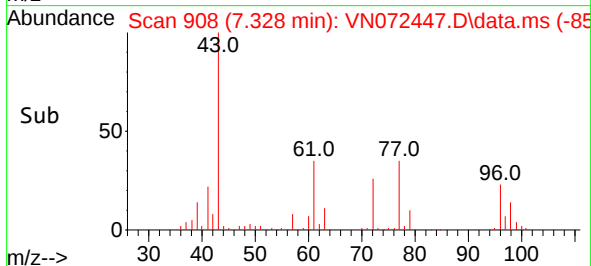
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MSD



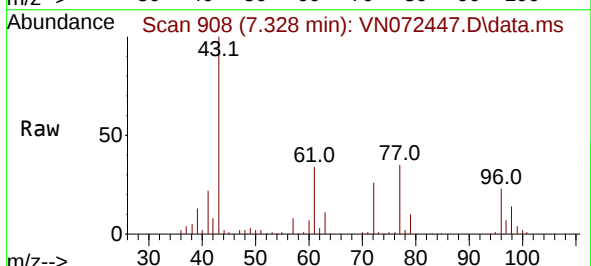
Tgt Ion: 43 Resp: 458234
Ion Ratio Lower Upper
43 100
72 26.3 23.7 35.5

Manual Integrations
APPROVED

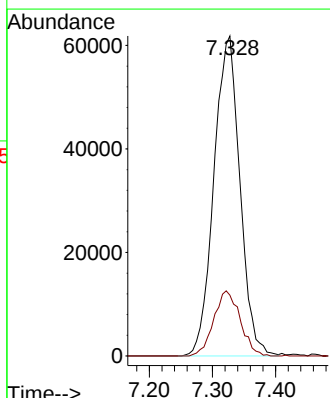
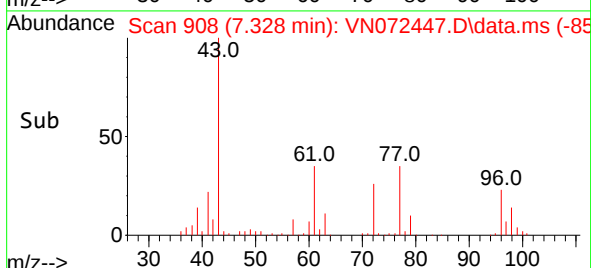
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

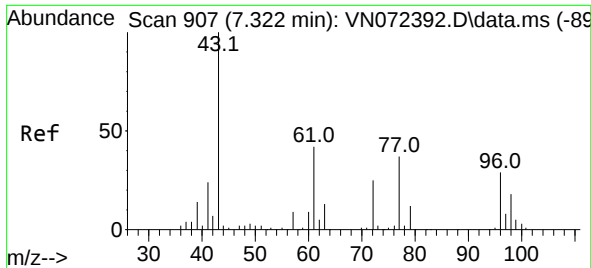


#26
2,2-Dichloropropane
Concen: 50.656 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.006 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55



Tgt Ion: 77 Resp: 176788
Ion Ratio Lower Upper
77 100
97 20.7 11.4 34.2





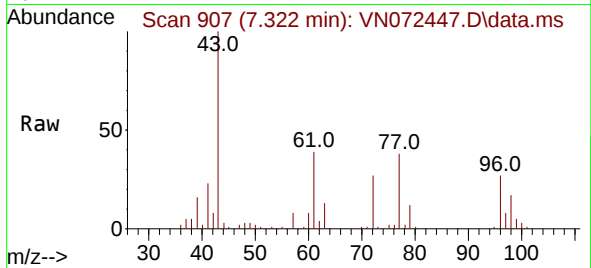
#27
 cis-1,2-Dichloroethene
 Concen: 46.303 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VN072447.D
 Acq: 12 May 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

BEM-MW-04MSD



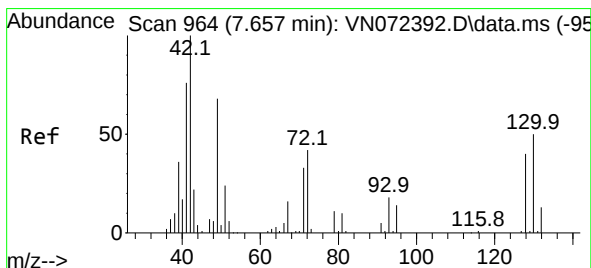
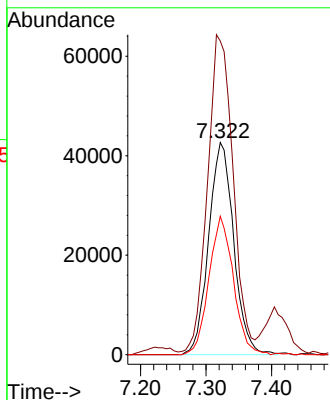
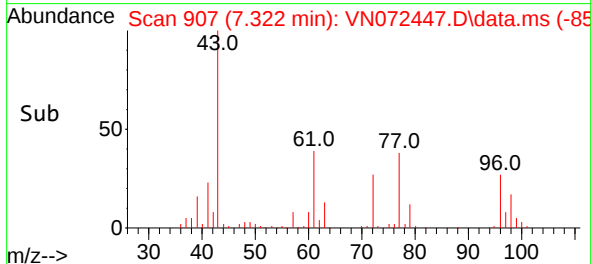
Tgt Ion: 96 Resp: 113289
 Ion Ratio Lower Upper
 96 100
 61 153.2 0.0 280.6
 98 63.6 0.0 128.4

Manual Integrations

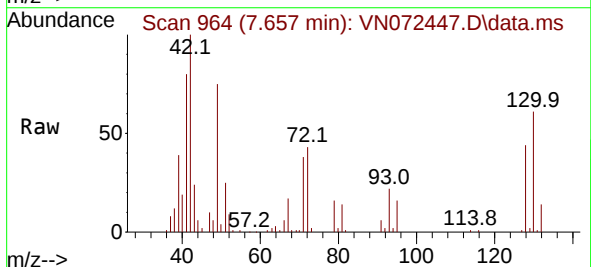
APPROVED

Reviewed By :John Carlone 05/13/2022

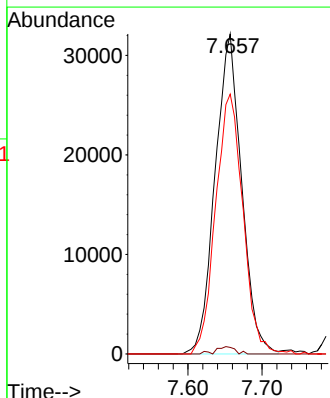
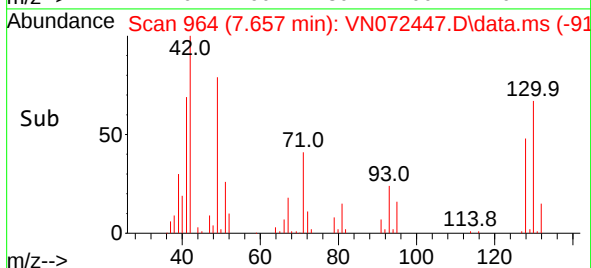
Supervised By :Mahesh Dadoda 05/13/2022

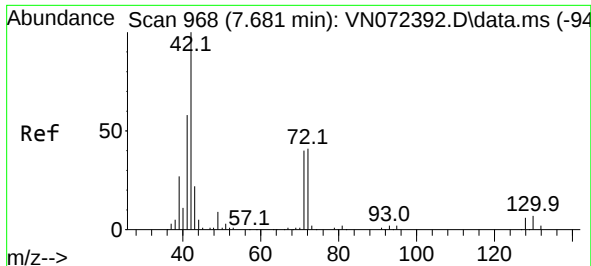


#28
 Bromochloromethane
 Concen: 45.249 ug/l
 RT: 7.657 min Scan# 964
 Delta R.T. 0.000 min
 Lab File: VN072447.D
 Acq: 12 May 2022 12:55



Tgt Ion: 49 Resp: 79791
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.6
 130 83.9 69.7 104.5





#29

Tetrahydrofuran

Concen: 224.947 ug/l

RT: 7.681 min Scan# 90

Delta R.T. -0.000 min

Lab File: VN072447.D

Acq: 12 May 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

BEM-MW-04MSD

Tgt Ion: 42 Resp: 27055

Ion Ratio Lower Upper

42 100

72 43.6 39.7 59.5

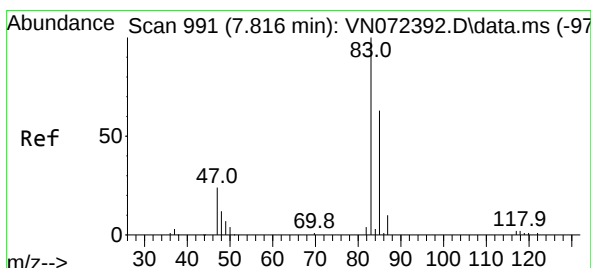
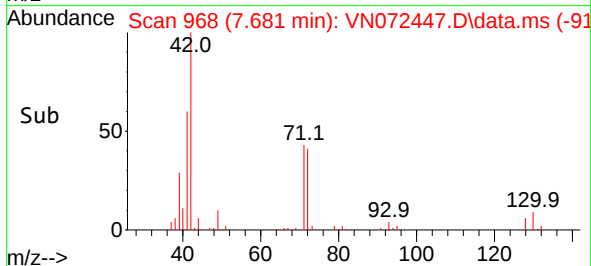
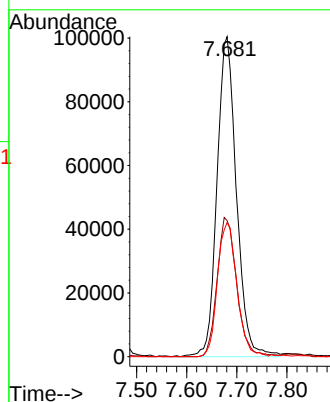
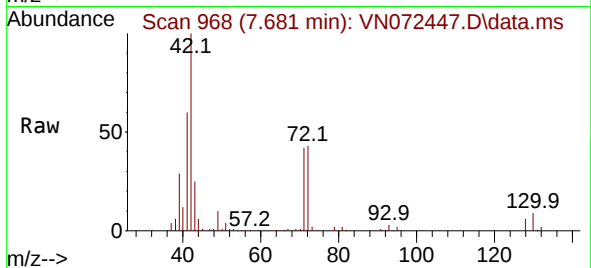
71 42.2 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#30

Chloroform

Concen: 48.091 ug/l

RT: 7.816 min Scan# 991

Delta R.T. -0.000 min

Lab File: VN072447.D

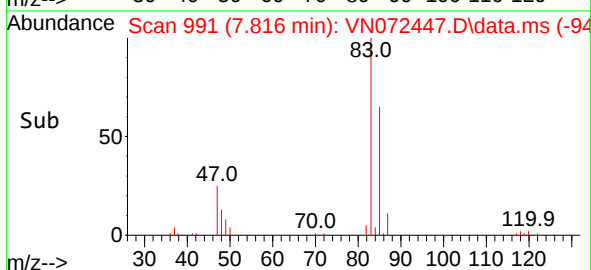
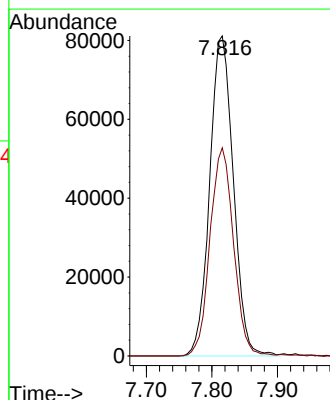
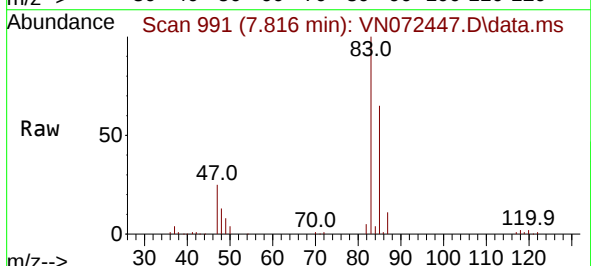
Acq: 12 May 2022 12:55

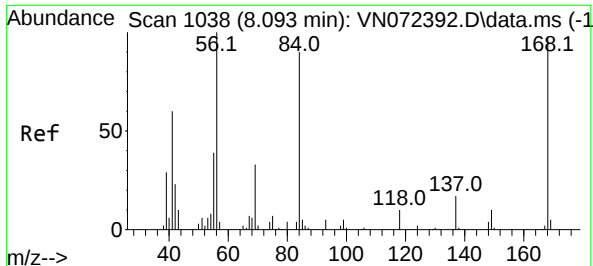
Tgt Ion: 83 Resp: 203187

Ion Ratio Lower Upper

83 100

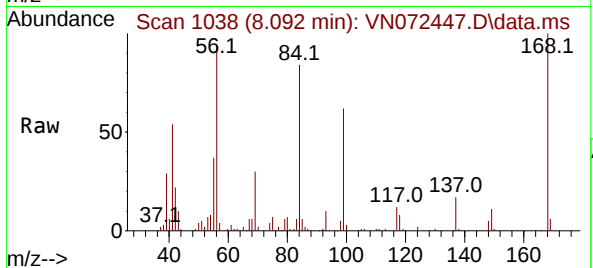
85 65.0 51.8 77.8





#31
Cyclohexane
Concen: 41.762 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.001 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

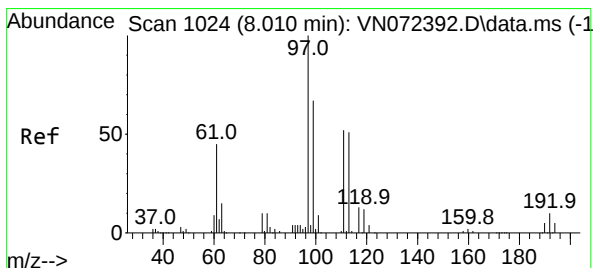
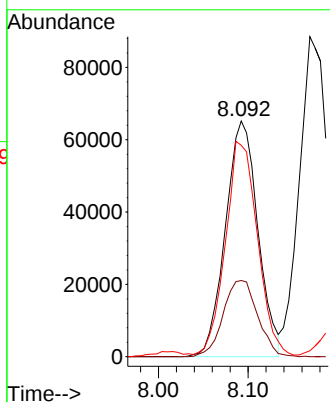
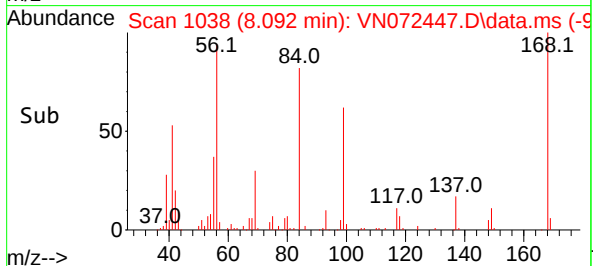
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MSD



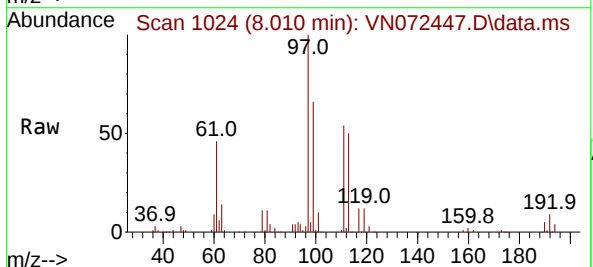
Tgt Ion: 56 Resp: 16384
Ion Ratio Lower Upper
56 100
69 32.3 27.8 41.8
84 87.9 76.9 115.3

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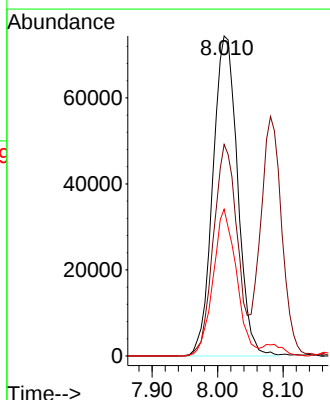
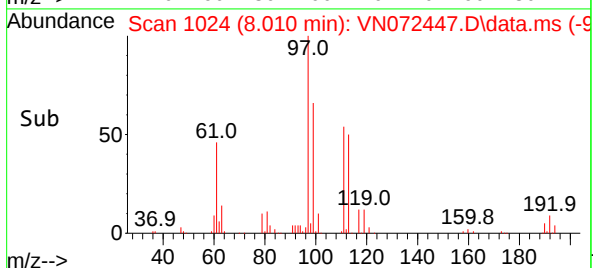
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

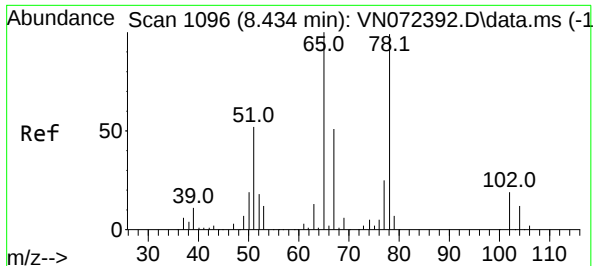


#32
1,1,1-Trichloroethane
Concen: 50.166 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55



Tgt Ion: 97 Resp: 194407
Ion Ratio Lower Upper
97 100
99 63.3 50.6 76.0
61 43.6 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 51.880 ug/l

RT: 8.433 min Scan# 1106

Delta R.T. -0.001 min

Lab File: VN072447.D

Acq: 12 May 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

BEM-MW-04MSD

Tgt Ion: 65 Resp: 15360

Ion Ratio Lower Upper

65 100

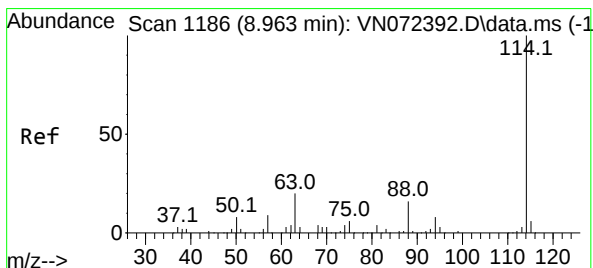
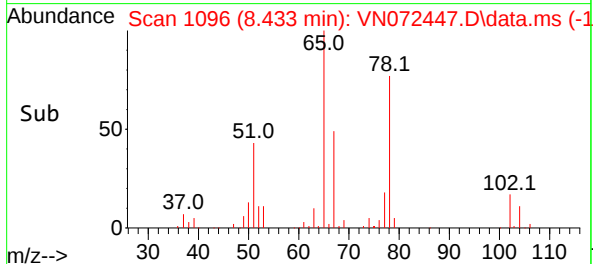
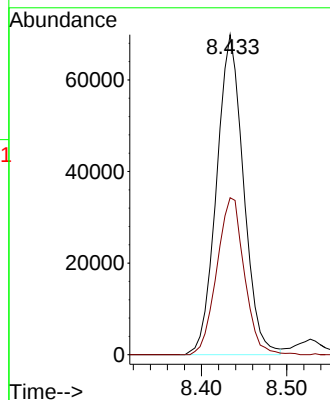
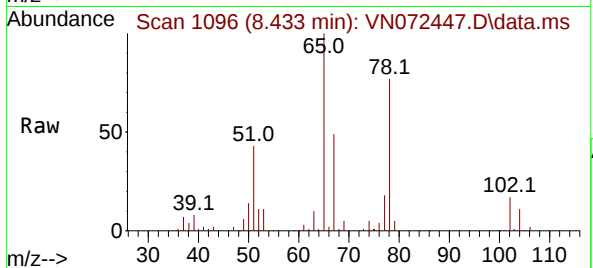
67 50.0 0.0 104.8

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: VN072447.D

Acq: 12 May 2022 12:55

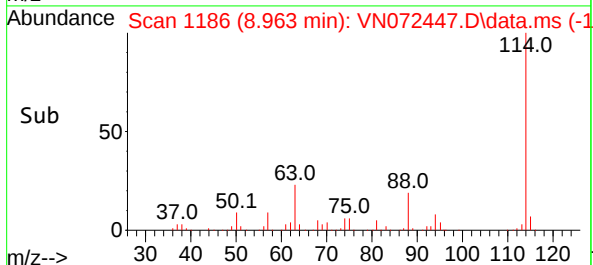
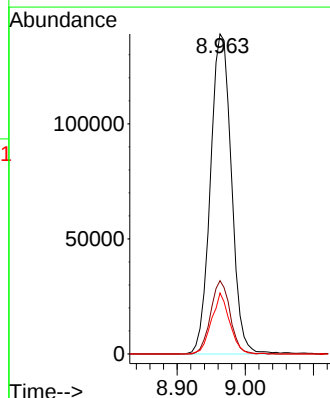
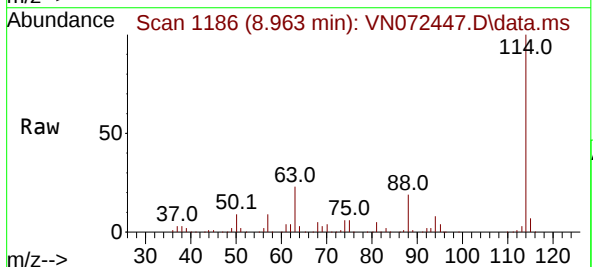
Tgt Ion:114 Resp: 298046

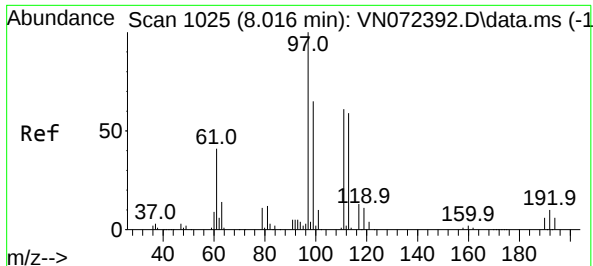
Ion Ratio Lower Upper

114 100

63 22.9 0.0 40.0

88 19.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.290 ug/l

RT: 8.016 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN072447.D

Acq: 12 May 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

BEM-MW-04MSD

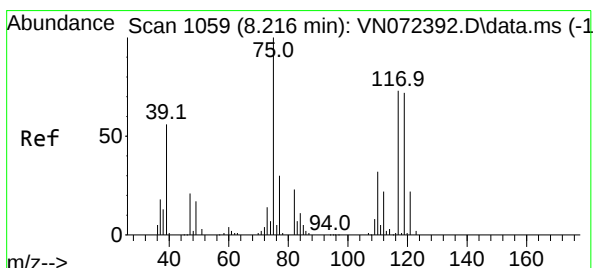
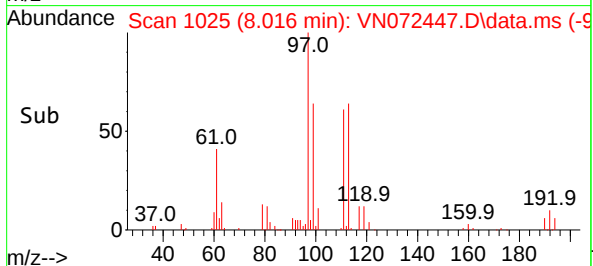
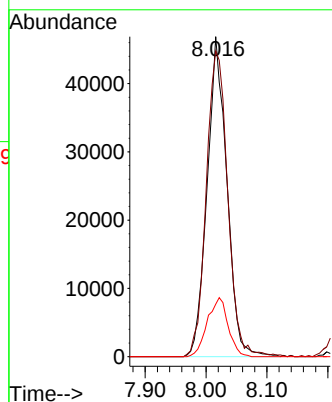
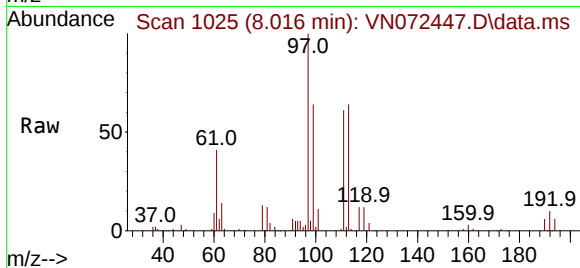
Tgt Ion:	113	Resp:	10566
Ion Ratio	Lower	Upper	
113	100		
111	103.8	81.4	122.0
192	19.4	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#36

1,1-Dichloropropene

Concen: 50.936 ug/l

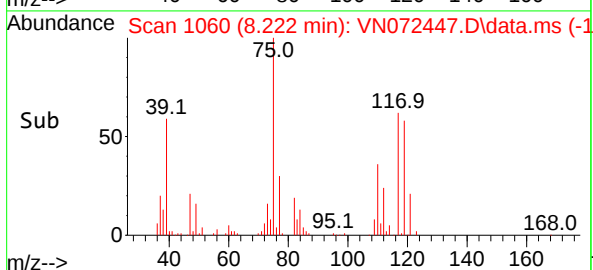
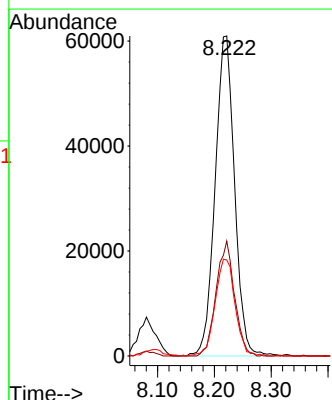
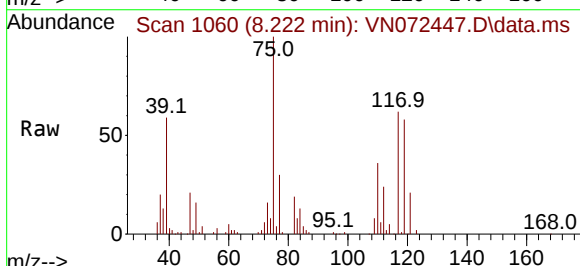
RT: 8.222 min Scan# 1060

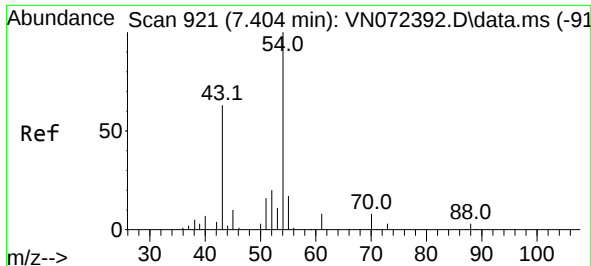
Delta R.T. 0.006 min

Lab File: VN072447.D

Acq: 12 May 2022 12:55

Tgt Ion:	75	Resp:	145065
Ion Ratio	Lower	Upper	
75	100		
110	33.9	18.3	54.8
77	31.1	25.1	37.7





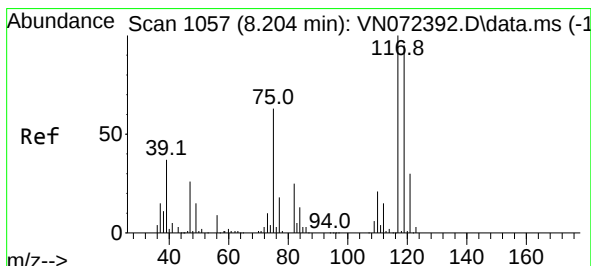
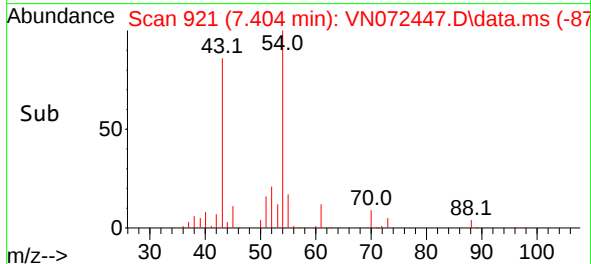
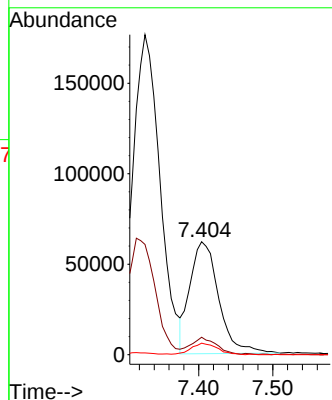
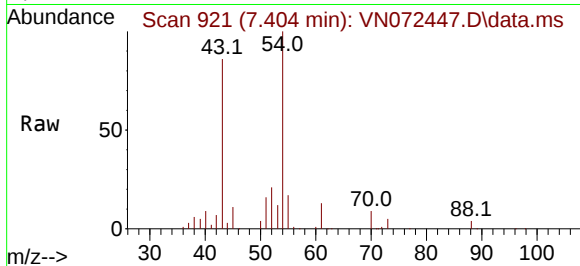
#37
Ethyl Acetate
Concen: 49.011 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MSD

Tgt Ion: 43 Resp: 167472
Ion Ratio Lower Upper
43 100
61 12.9 11.8 17.6
70 9.3 9.3 13.9

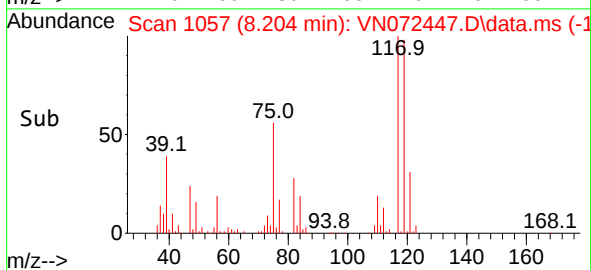
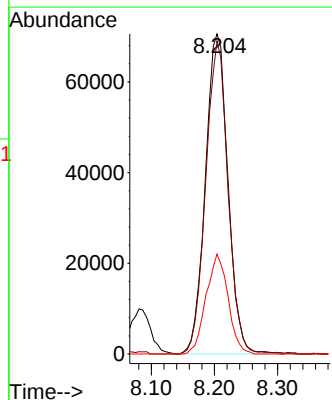
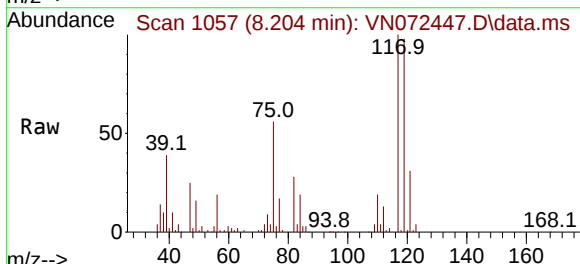
Manual Integrations
APPROVED

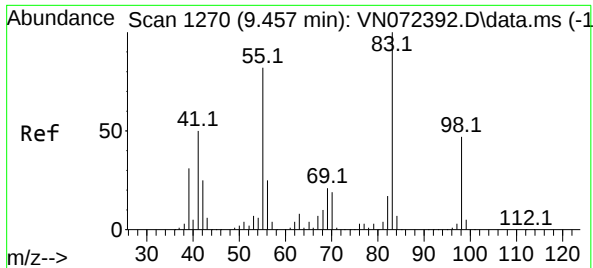
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#38
Carbon Tetrachloride
Concen: 55.269 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

Tgt Ion:117 Resp: 176168
Ion Ratio Lower Upper
117 100
119 97.8 75.8 113.8
121 31.2 24.6 37.0





#39

Methylcyclohexane

Concen: 54.566 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN072447.D

Acq: 12 May 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

BEM-MW-04MSD

Tgt Ion: 83 Resp: 17465

Ion Ratio Lower Upper

83 100

55 78.6 57.8 86.8

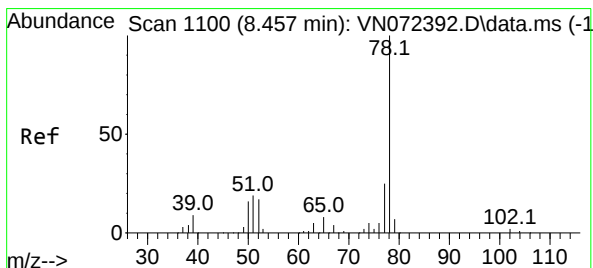
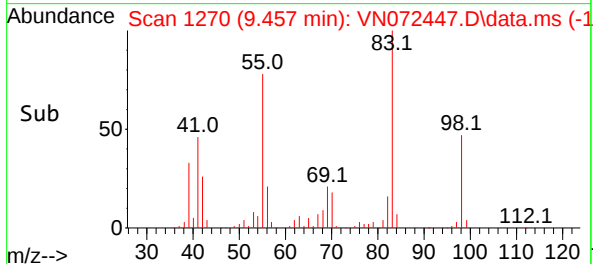
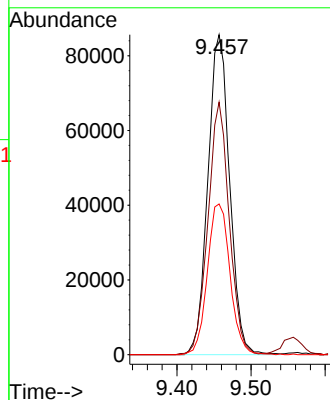
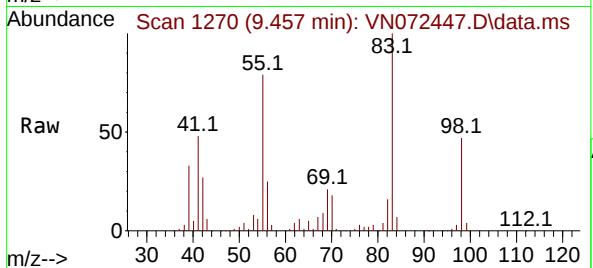
98 47.1 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#40

Benzene

Concen: 49.139 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN072447.D

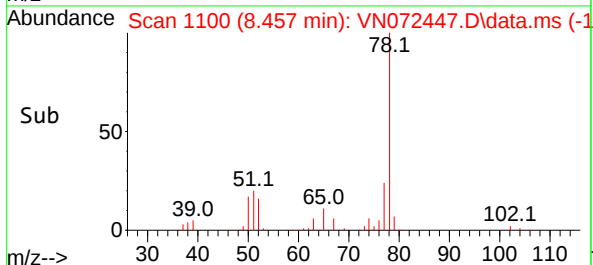
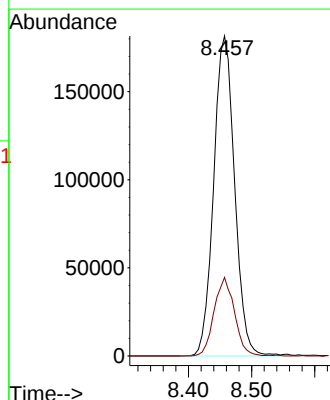
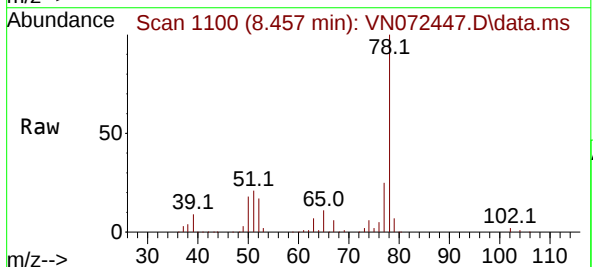
Acq: 12 May 2022 12:55

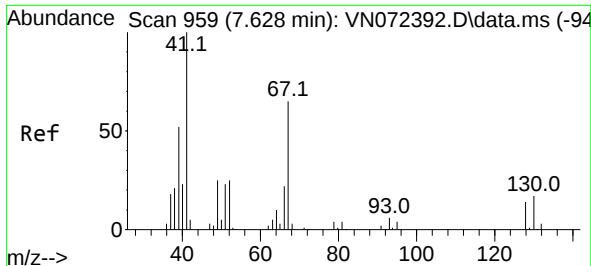
Tgt Ion: 78 Resp: 418066

Ion Ratio Lower Upper

78 100

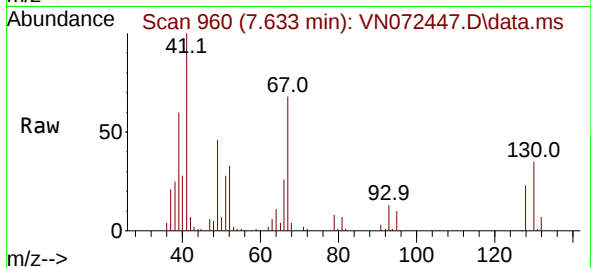
77 24.5 19.4 29.0





#41
Methacrylonitrile
Concen: 54.106 ug/l
RT: 7.633 min Scan# 9154
Delta R.T. 0.005 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

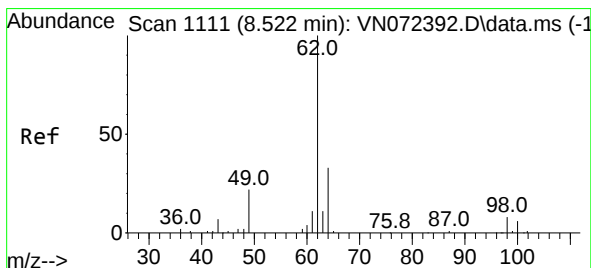
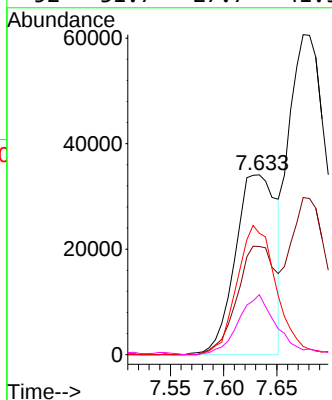
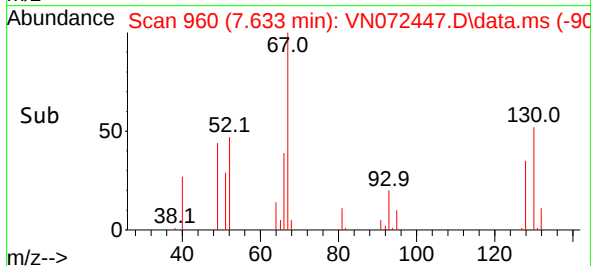
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MSD



Tgt Ion: 41 Resp: 9154
Ion Ratio Lower Upper
41 100
39 56.3 48.6 73.0
67 69.7 73.4 110.2
52 31.7 27.7 41.5

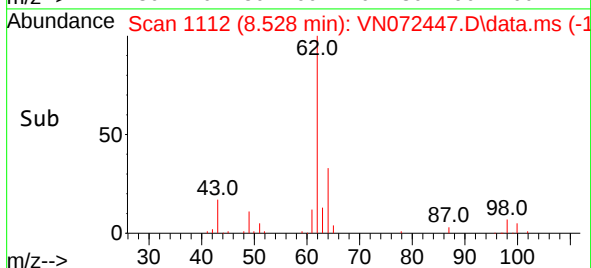
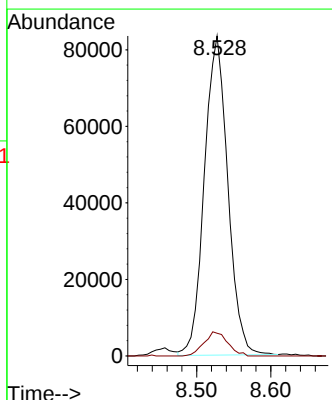
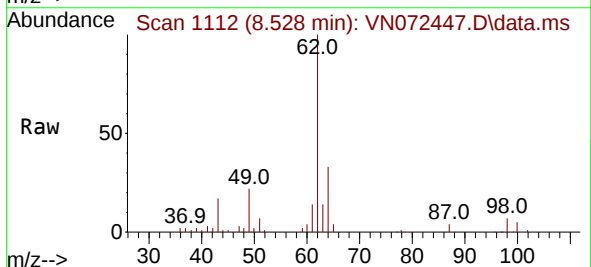
Manual Integrations
APPROVED

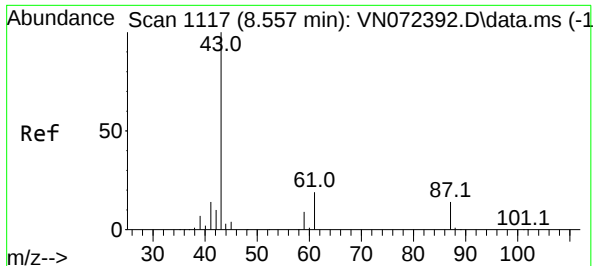
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#42
1,2-Dichloroethane
Concen: 53.531 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

Tgt Ion: 62 Resp: 183053
Ion Ratio Lower Upper
62 100
98 7.6 0.0 19.4





#43
Isopropyl Acetate
Concen: 51.198 ug/l
RT: 8.551 min Scan# 1116
Delta R.T. -0.006 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

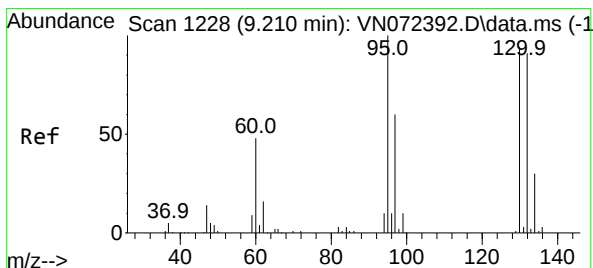
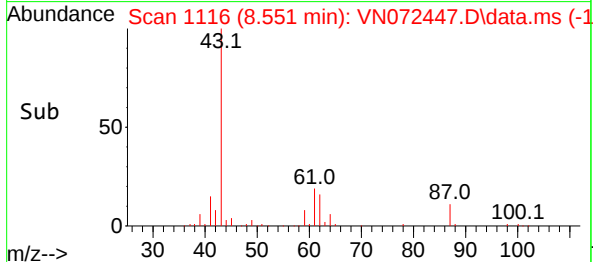
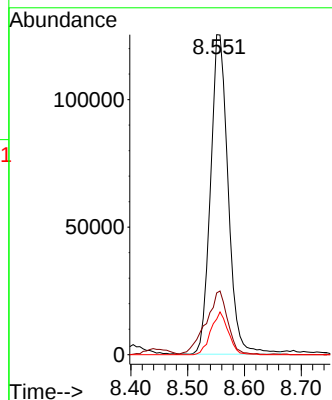
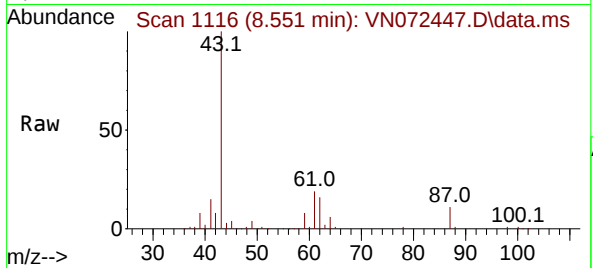
BEM-MW-04MSD

Tgt Ion: 43 Resp: 26871
Ion Ratio Lower Upper
43 100
61 24.4 21.9 32.9
87 13.2 12.0 18.0

Manual Integrations

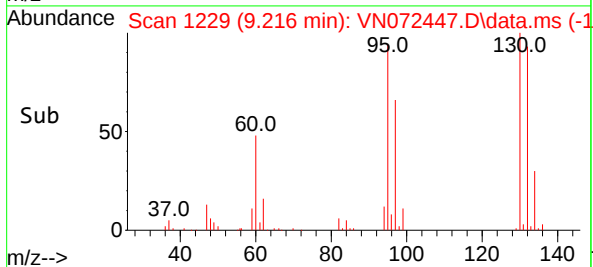
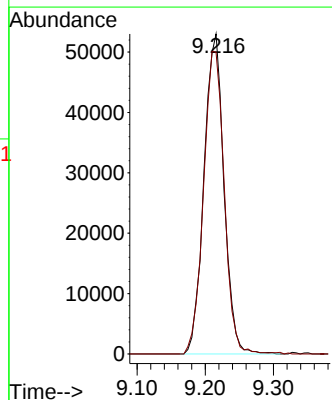
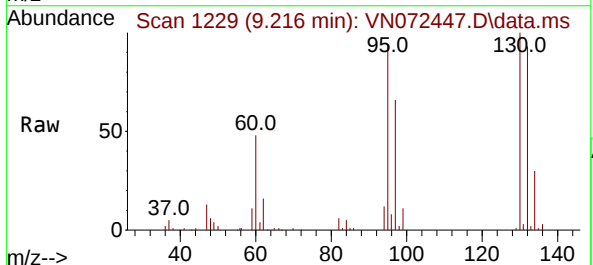
APPROVED

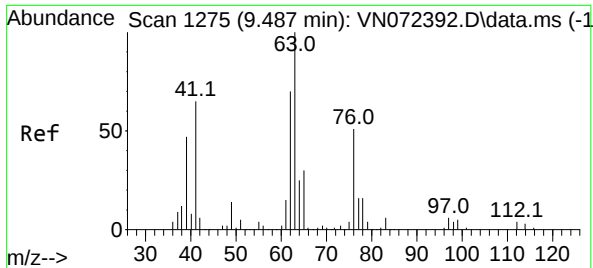
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#44
Trichloroethene
Concen: 49.959 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

Tgt Ion:130 Resp: 107901
Ion Ratio Lower Upper
130 100
95 94.3 0.0 186.8





#45

1,2-Dichloropropane

Concen: 50.374 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. -0.001 min

Lab File: VN072447.D

Acq: 12 May 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

BEM-MW-04MSD

Tgt Ion: 63 Resp: 109449

Ion Ratio Lower Upper

63 100

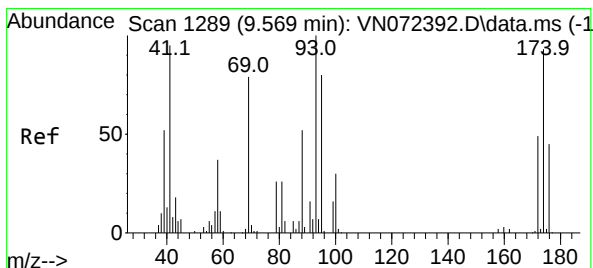
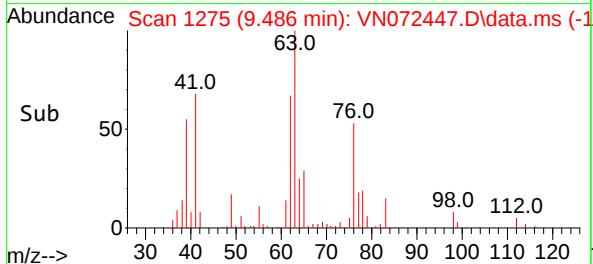
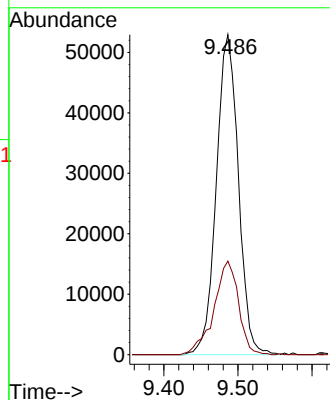
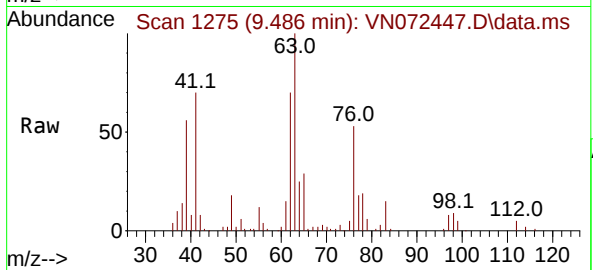
65 29.3 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#46

Dibromomethane

Concen: 52.689 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.006 min

Lab File: VN072447.D

Acq: 12 May 2022 12:55

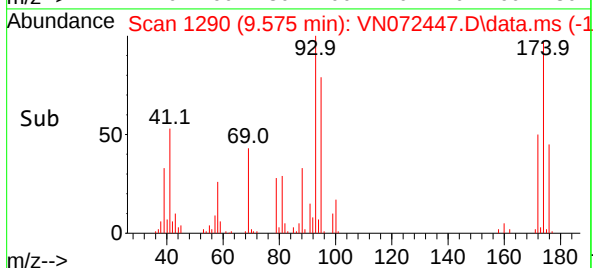
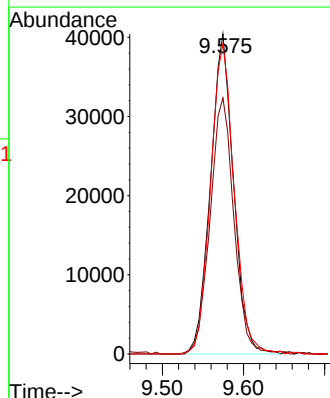
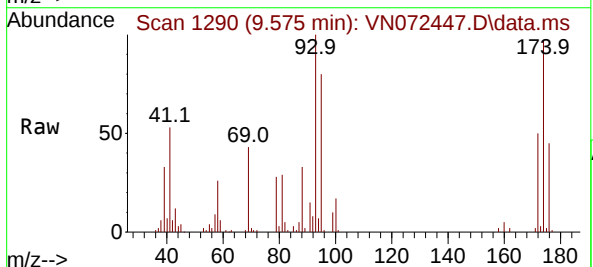
Tgt Ion: 93 Resp: 79711

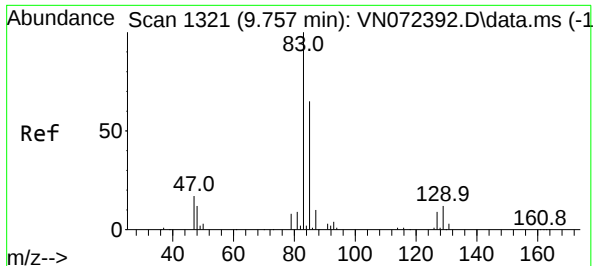
Ion Ratio Lower Upper

93 100

95 82.7 66.9 100.3

174 99.6 86.6 130.0





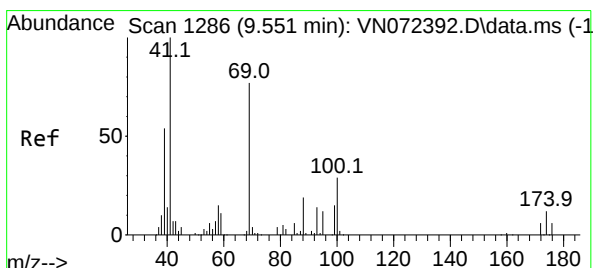
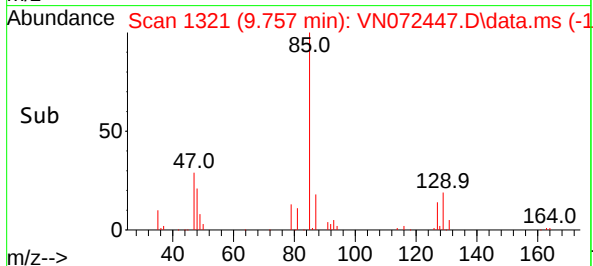
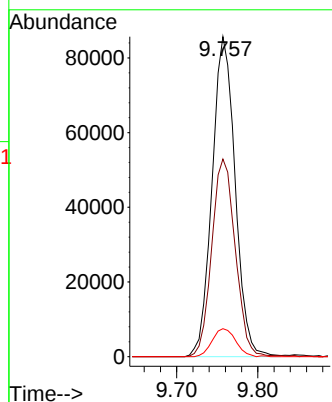
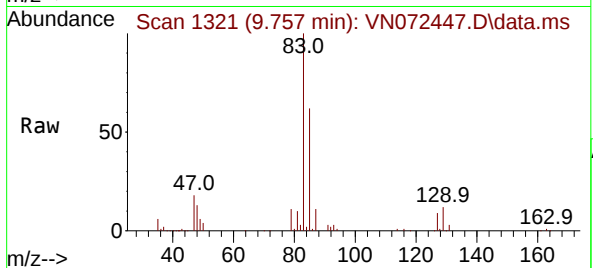
#47
Bromodichloromethane
Concen: 54.936 ug/l
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MSD

Tgt Ion: 83 Resp: 16943
Ion Ratio Lower Upper
83 100
85 61.8 50.5 75.7
127 8.7 6.8 10.2

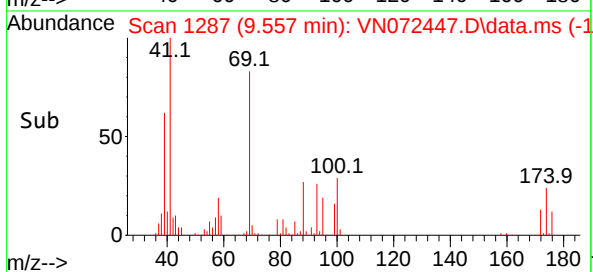
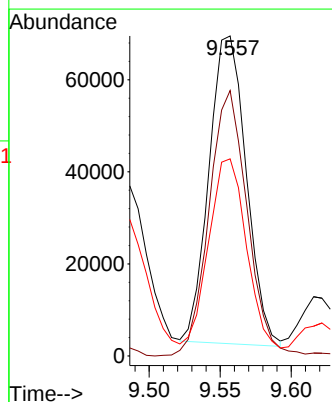
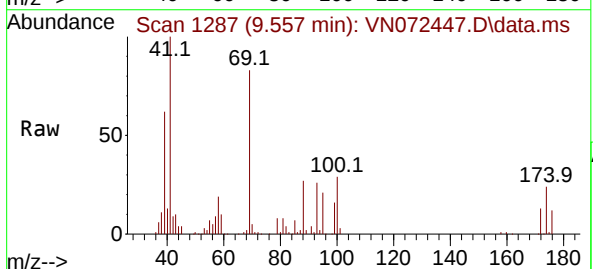
Manual Integrations
APPROVED

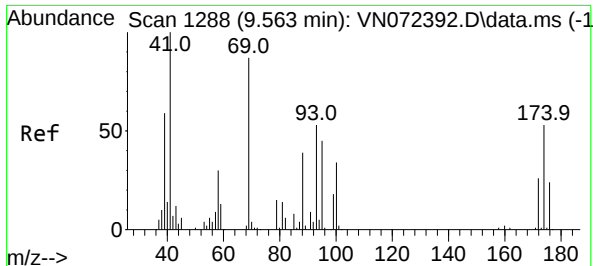
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#48
Methyl methacrylate
Concen: 49.782 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

Tgt Ion: 41 Resp: 121903
Ion Ratio Lower Upper
41 100
69 89.7 74.7 112.1
39 62.1 45.6 68.4





#49

1,4-Dioxane

Concen: 1047.219 ug/l

RT: 9.563 min Scan# 1288

Delta R.T. -0.000 min

Lab File: VN072447.D

Acq: 12 May 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

BEM-MW-04MSD

Tgt Ion: 88 Resp: 43744

Ion Ratio Lower Upper

88 100

43 31.5 20.2 30.4

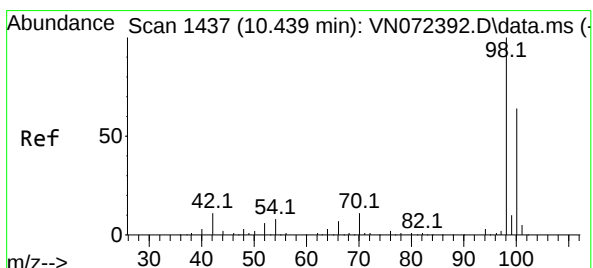
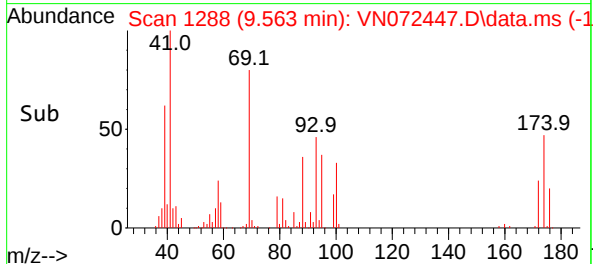
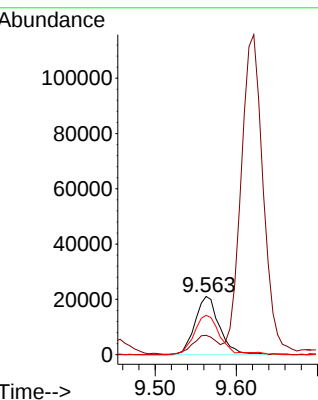
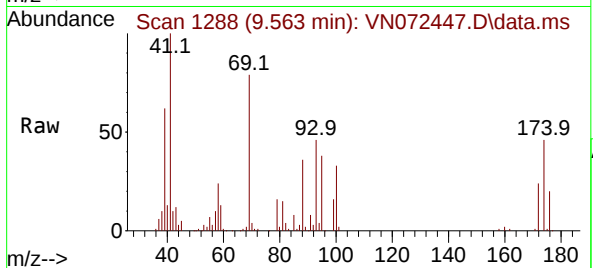
58 69.9 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#50

Toluene-d8

Concen: 51.321 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072447.D

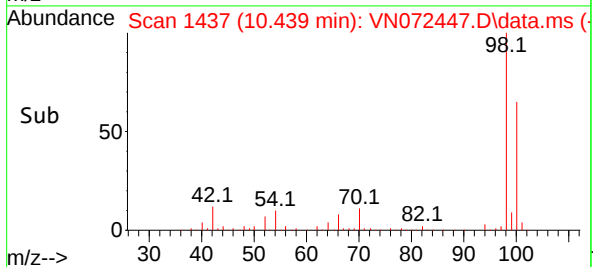
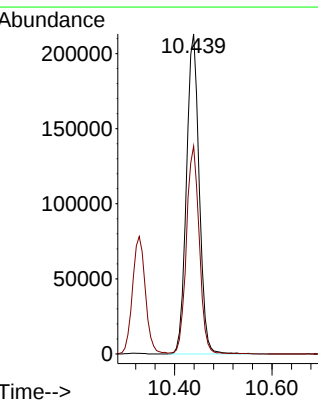
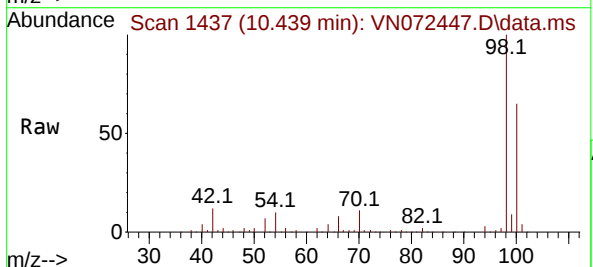
Acq: 12 May 2022 12:55

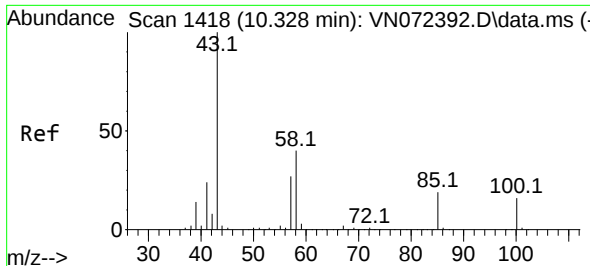
Tgt Ion: 98 Resp: 387570

Ion Ratio Lower Upper

98 100

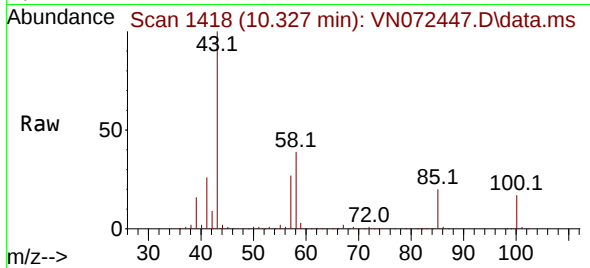
100 65.3 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 269.817 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.001 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

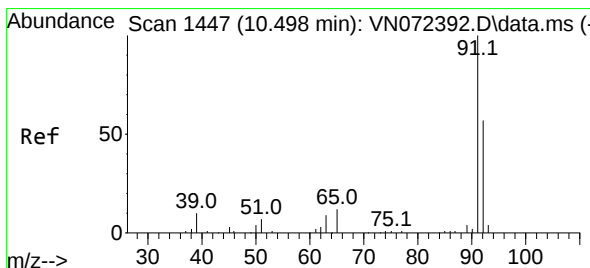
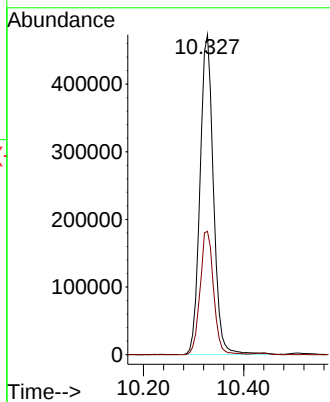
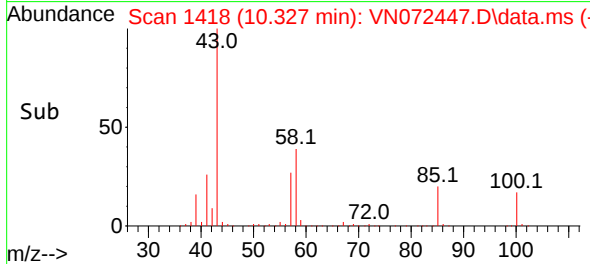
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MSD



Tgt Ion: 43 Resp: 879349
Ion Ratio Lower Upper
43 100
58 38.9 34.1 51.1

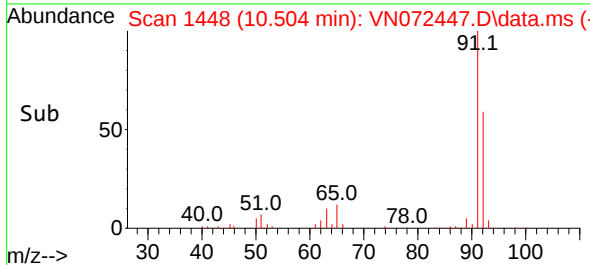
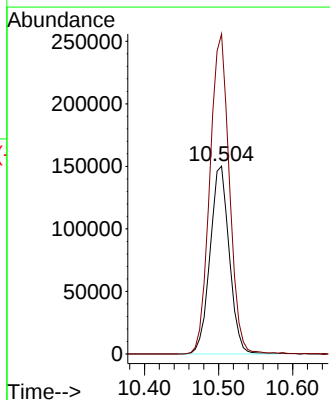
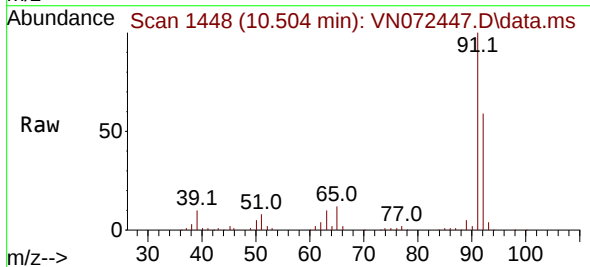
Manual Integrations
APPROVED

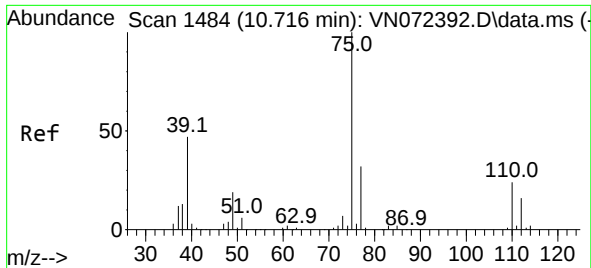
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#52
Toluene
Concen: 51.467 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

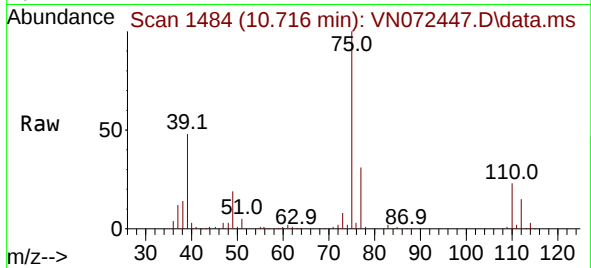
Tgt Ion: 92 Resp: 270002
Ion Ratio Lower Upper
92 100
91 173.5 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 58.127 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

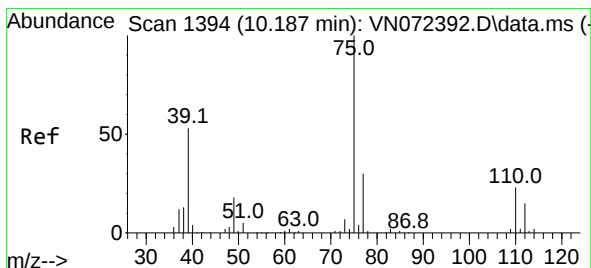
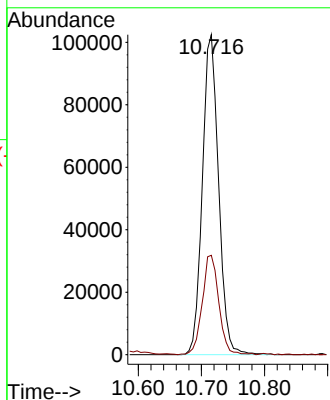
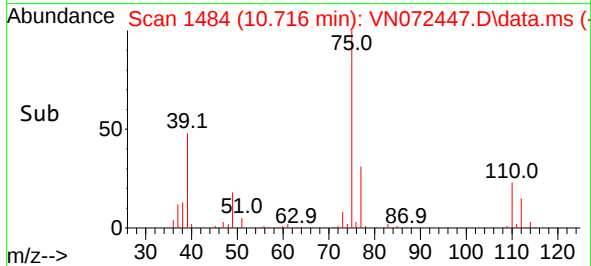
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MSD



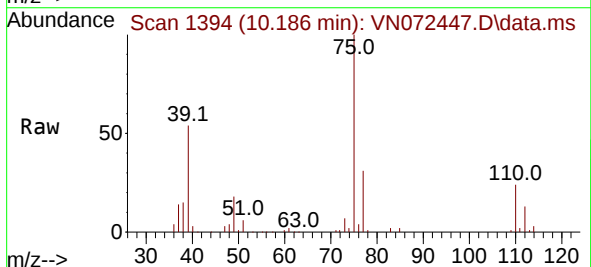
Tgt Ion: 75 Resp: 182480
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4

Manual Integrations
APPROVED

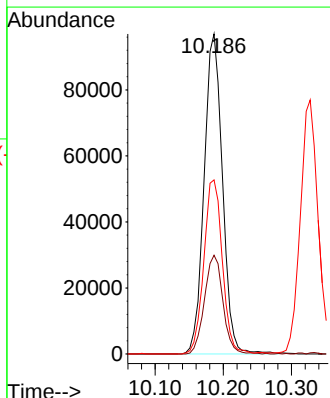
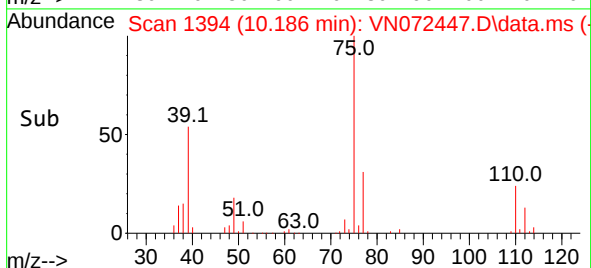
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

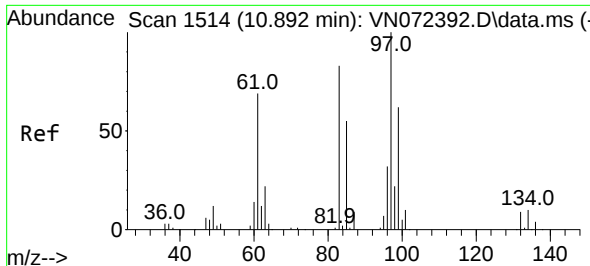


#54
cis-1,3-Dichloropropene
Concen: 54.232 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. -0.001 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55



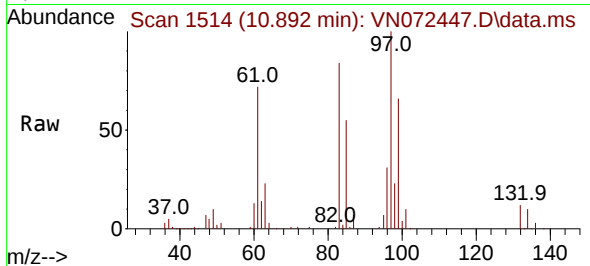
Tgt Ion: 75 Resp: 181651
Ion Ratio Lower Upper
75 100
77 30.8 25.2 37.8
39 54.4 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 50.257 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MSD

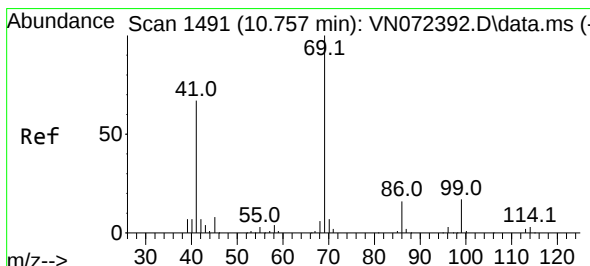
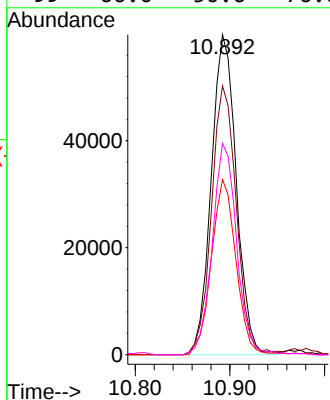
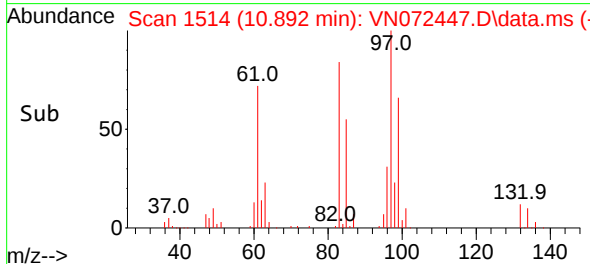


Tgt Ion: 97 Resp: 109834

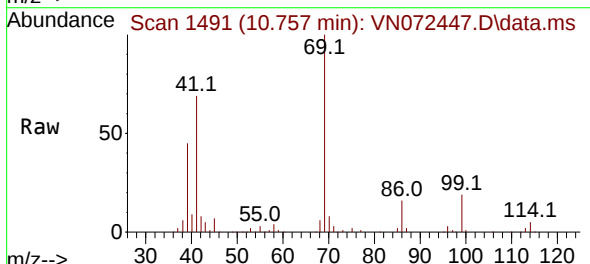
Ion	Ratio	Lower	Upper
97	100		
83	84.0	66.2	99.4
85	54.8	43.9	65.9
99	66.0	50.6	76.0

Manual Integrations
APPROVED

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

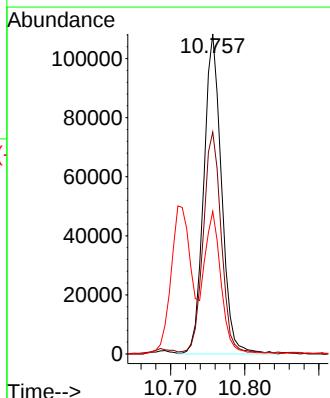
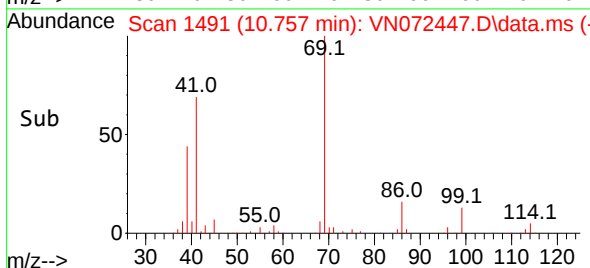


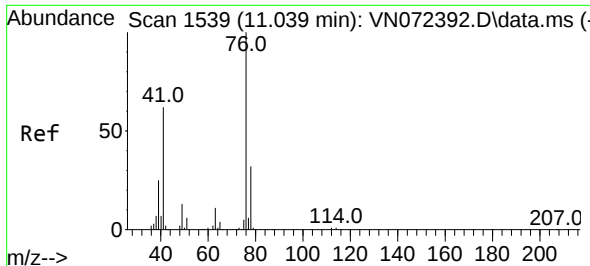
#56
Ethyl methacrylate
Concen: 57.651 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55



Tgt Ion: 69 Resp: 180575

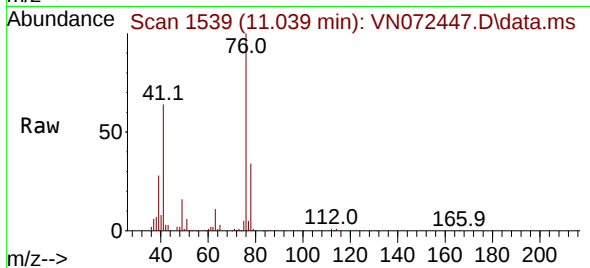
Ion	Ratio	Lower	Upper
69	100		
41	69.7	47.8	71.6
39	40.0	27.3	40.9





#57
1,3-Dichloropropane
Concen: 51.637 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

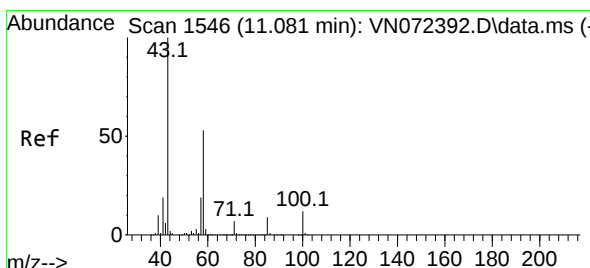
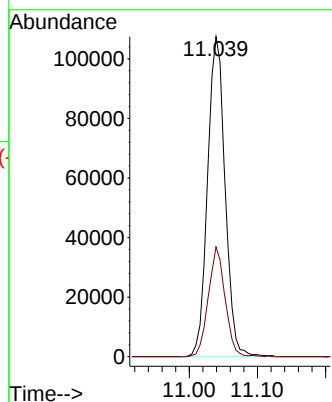
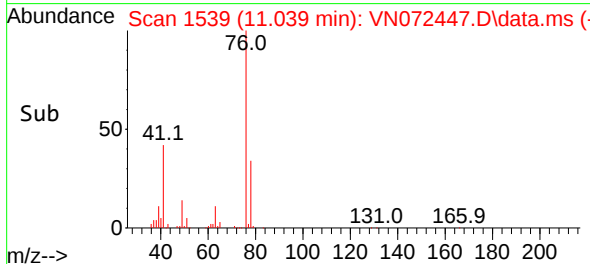
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MSD



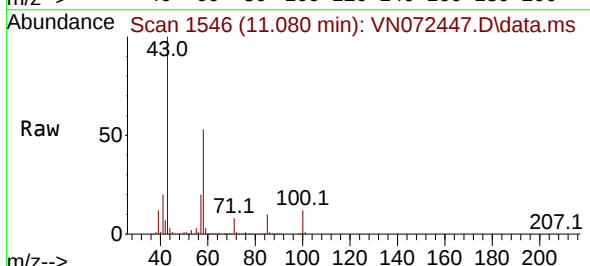
Tgt Ion: 76 Resp: 19216
Ion Ratio Lower Upper
76 100
78 32.9 26.2 39.2

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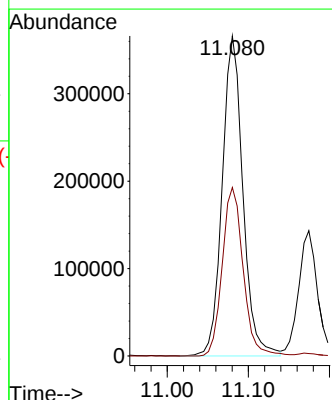
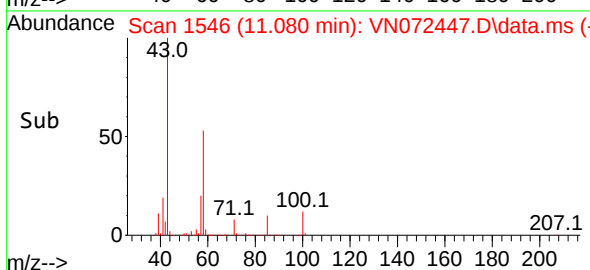
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

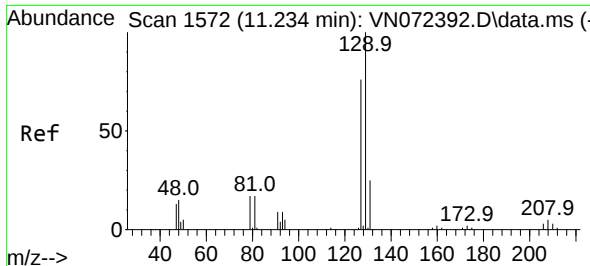


#59
2-Hexanone
Concen: 284.175 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55



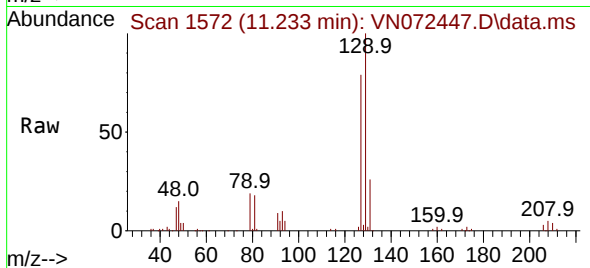
Tgt Ion: 43 Resp: 649396
Ion Ratio Lower Upper
43 100
58 53.1 29.7 89.1





#60
Dibromochloromethane
Concen: 56.964 ug/l
RT: 11.233 min Scan# 1129
Delta R.T. -0.001 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

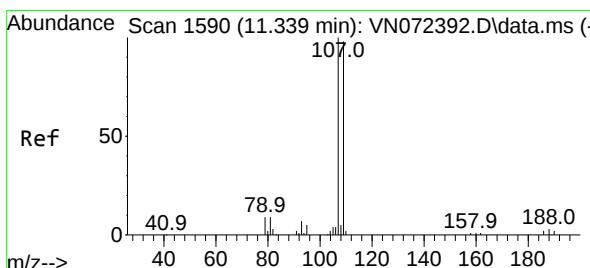
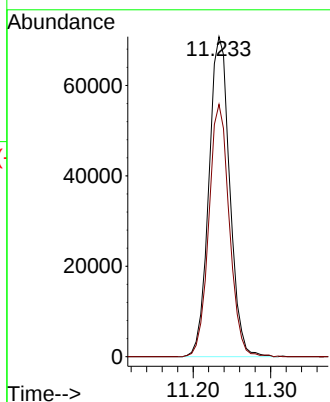
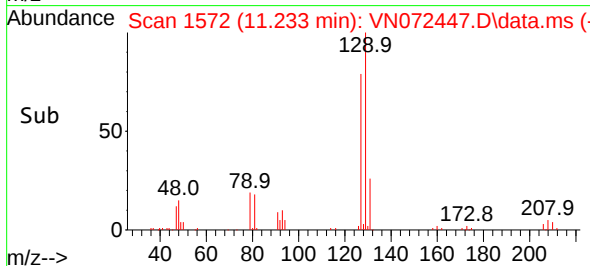
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MSD



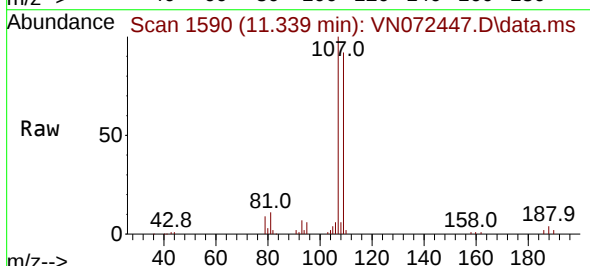
Tgt Ion:129 Resp: 132240
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.4

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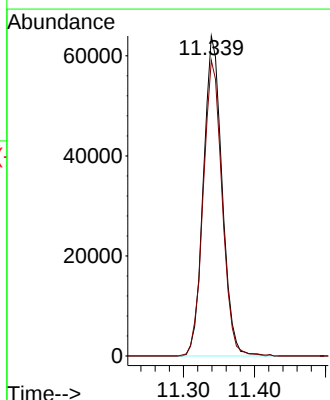
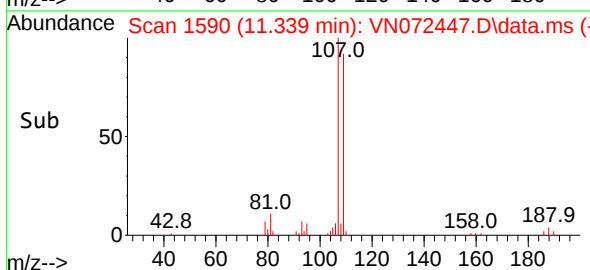
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

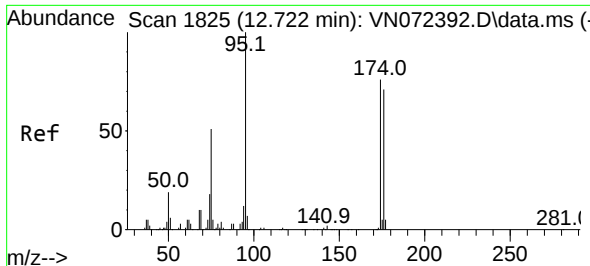


#61
1,2-Dibromoethane
Concen: 53.615 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55



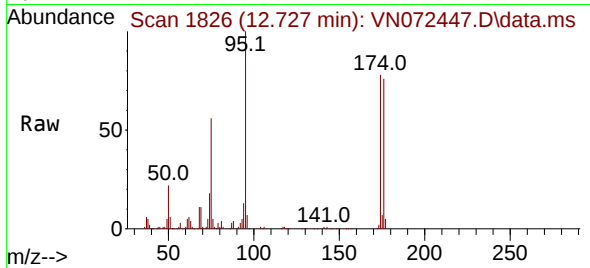
Tgt Ion:107 Resp: 116775
Ion Ratio Lower Upper
107 100
109 93.6 75.0 112.6





#62
4-Bromofluorobenzene
Concen: 58.816 ug/l
RT: 12.727 min Scan# 1825
Delta R.T. 0.005 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

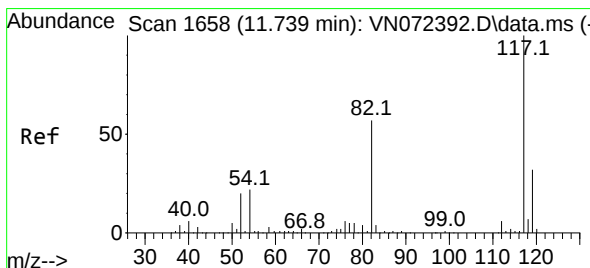
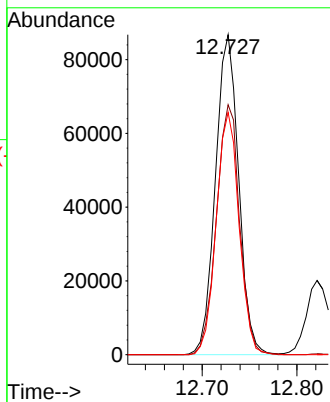
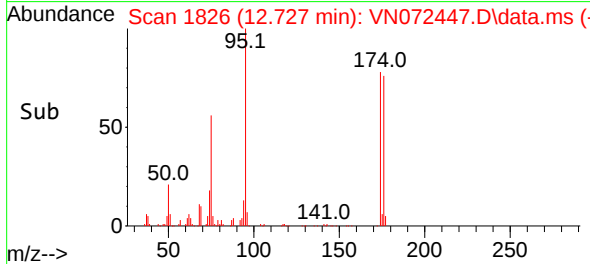
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MSD



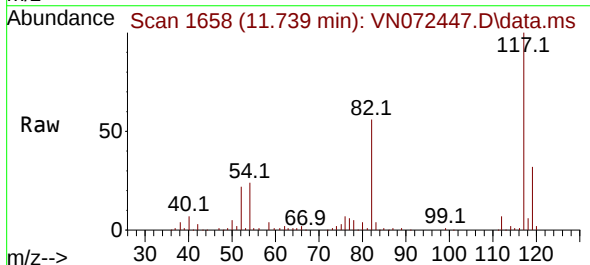
Tgt Ion: 95 Resp: 147512
Ion Ratio Lower Upper
95 100
174 78.5 0.0 167.6
176 74.5 0.0 163.4

Manual Integrations
APPROVED

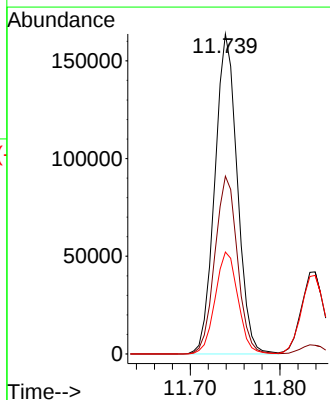
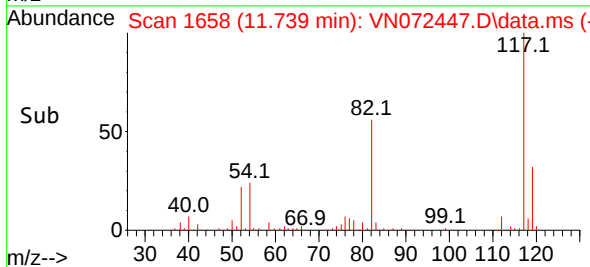
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

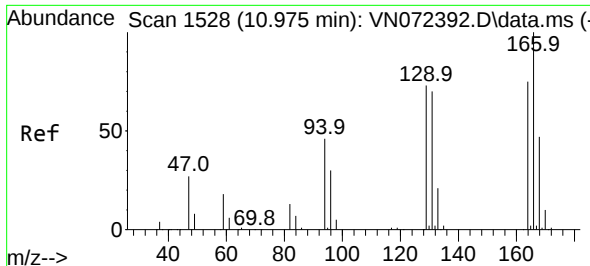


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55



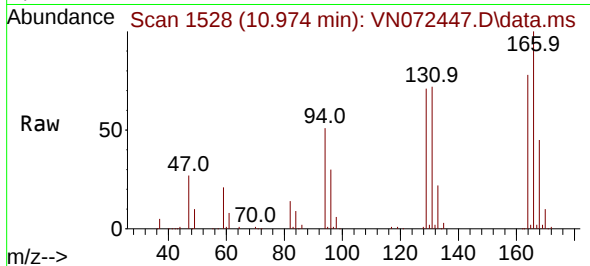
Tgt Ion:117 Resp: 284615
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 31.9 25.4 38.0





#64
Tetrachloroethene
Concen: 45.299 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.001 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

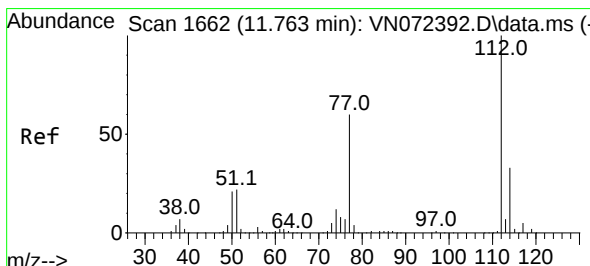
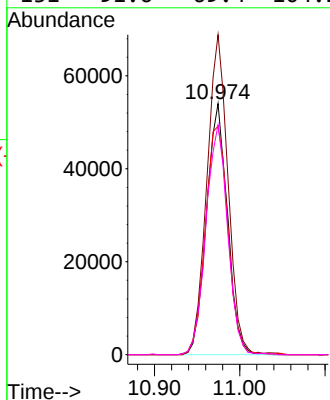
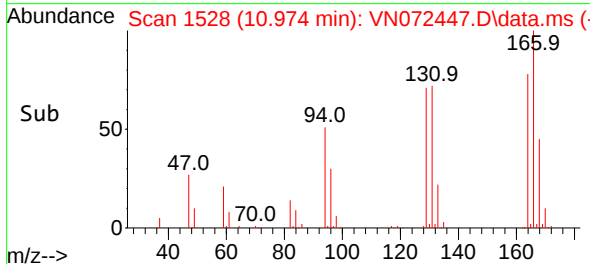
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MSD



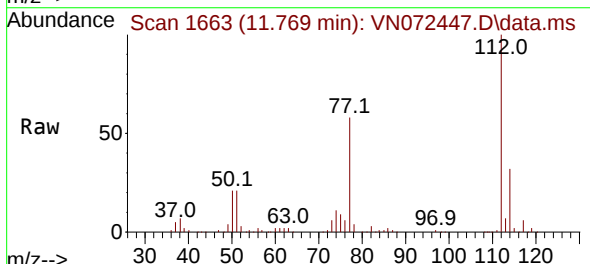
Tgt Ion:164 Resp: 9280
Ion Ratio Lower Upper
164 100
166 127.5 104.2 156.2
129 91.0 73.9 110.9
131 91.6 69.4 104.2

Manual Integrations
APPROVED

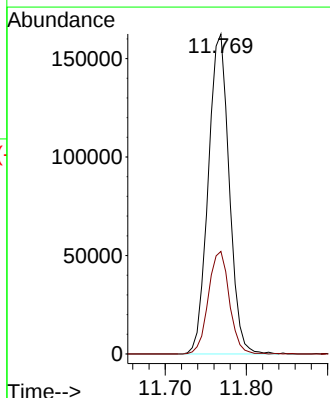
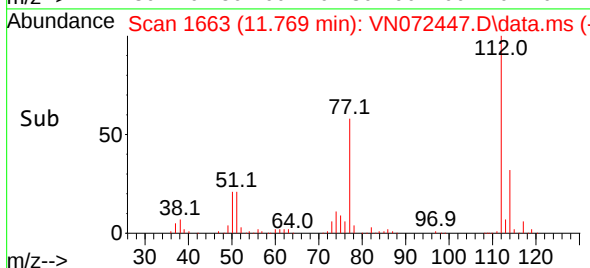
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

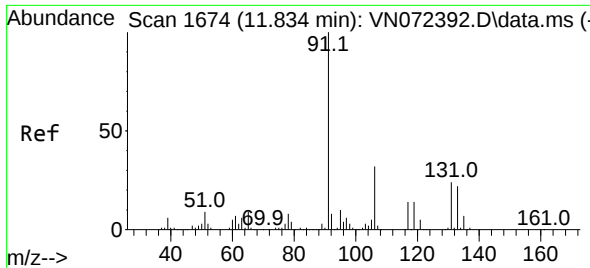


#65
Chlorobenzene
Concen: 50.011 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55



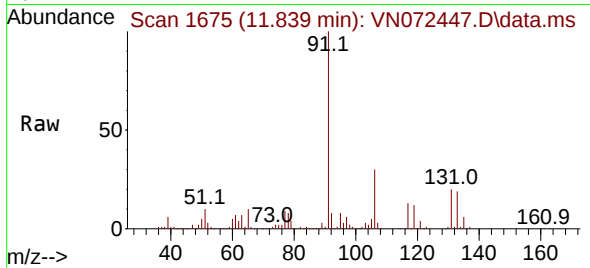
Tgt Ion:112 Resp: 290812
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2





#66
1,1,1,2-Tetrachloroethane
Concen: 50.495 ug/l
RT: 11.839 min Scan# 1674
Delta R.T. 0.005 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

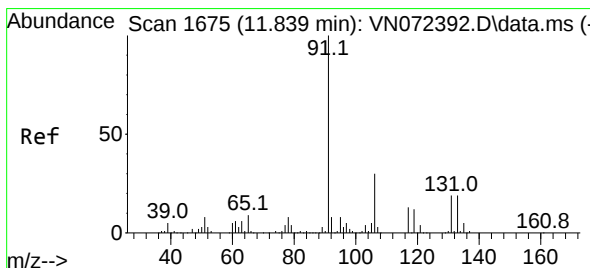
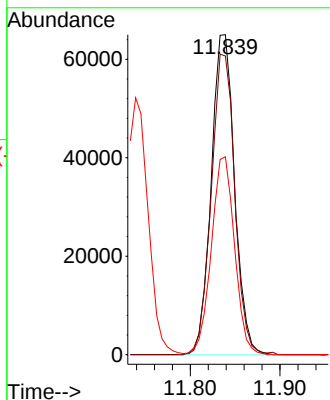
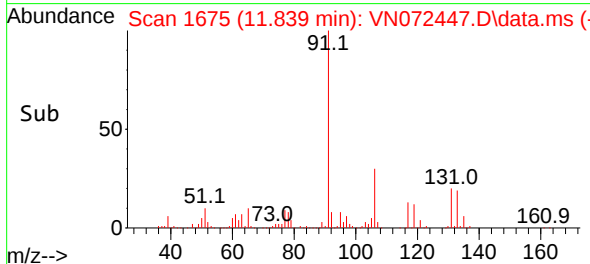
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MSD



Tgt Ion:131 Resp: 117524
Ion Ratio Lower Upper
131 100
133 94.4 47.8 143.4
119 61.4 33.4 100.2

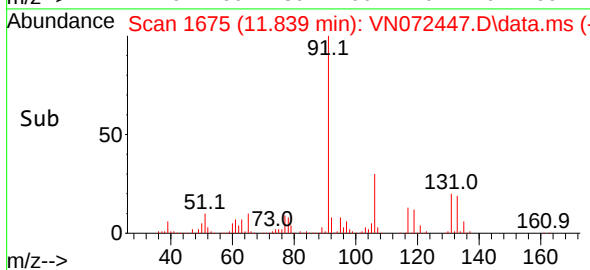
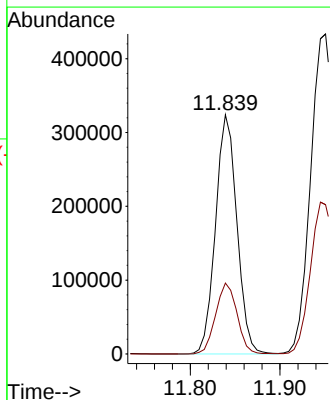
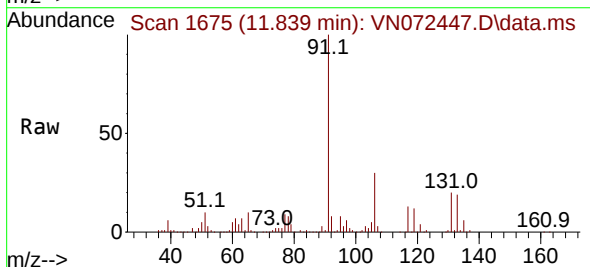
Manual Integrations
APPROVED

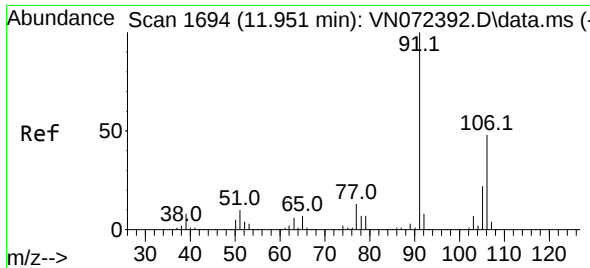
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#67
Ethyl Benzene
Concen: 53.476 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

Tgt Ion: 91 Resp: 536520
Ion Ratio Lower Upper
91 100
106 29.6 24.9 37.3





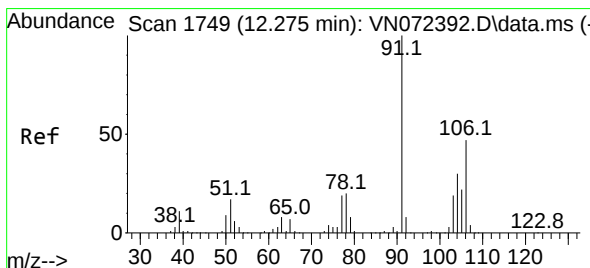
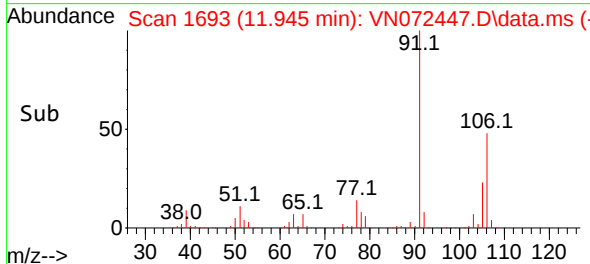
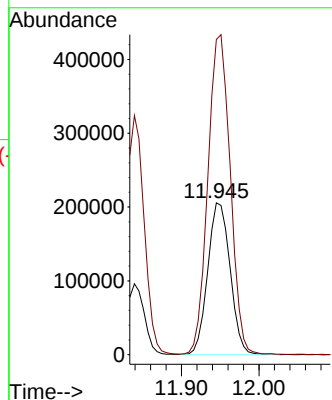
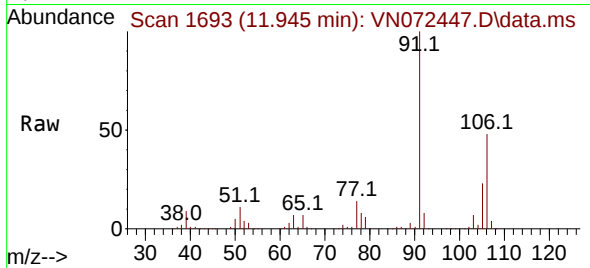
#68
m/p-Xylenes
Concen: 108.563 ug/l
RT: 11.945 min Scan# 1694
Delta R.T. -0.006 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MSD

Tgt Ion:106 Resp: 41310
Ion Ratio Lower Upper
106 100
91 210.4 158.9 238.3

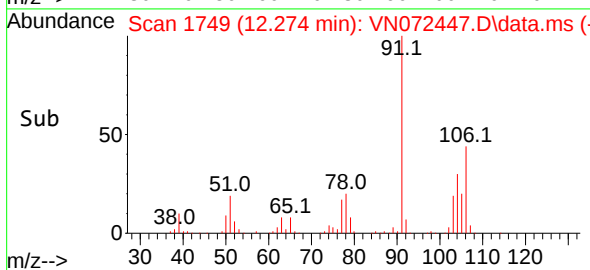
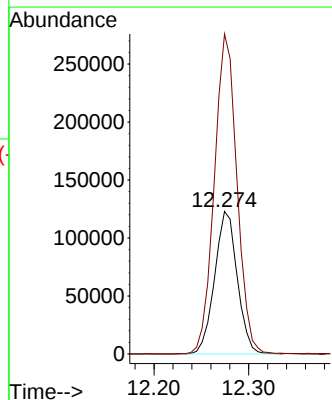
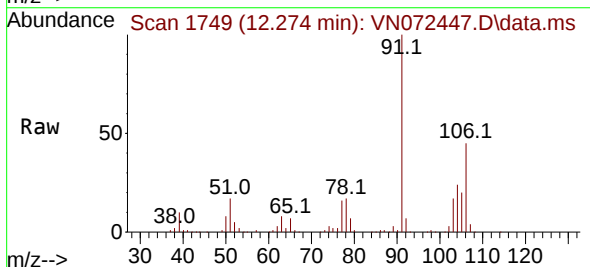
Manual Integrations
APPROVED

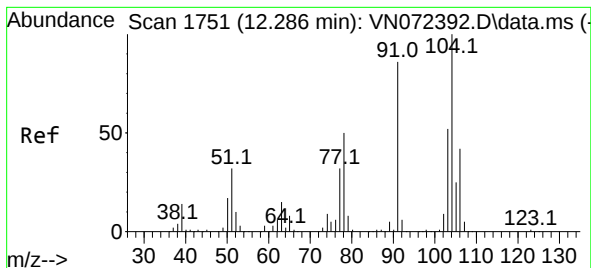
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#69
o-Xylene
Concen: 54.619 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

Tgt Ion:106 Resp: 204203
Ion Ratio Lower Upper
106 100
91 224.7 106.0 318.0





#70

Styrene

Concen: 44.546 ug/l

RT: 12.292 min Scan# 1752

Delta R.T. 0.006 min

Lab File: VN072447.D

Acq: 12 May 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

BEM-MW-04MSD

Tgt Ion:104 Resp: 25478

Ion Ratio Lower Upper

104 100

78 56.0 39.5 59.3

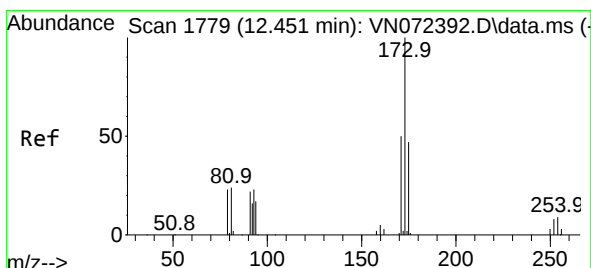
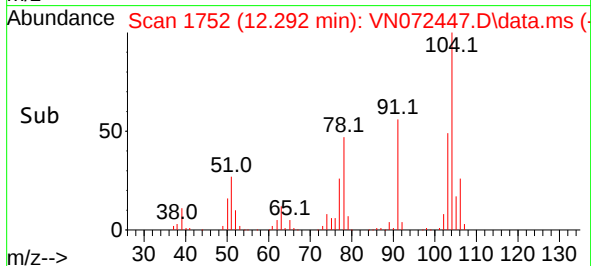
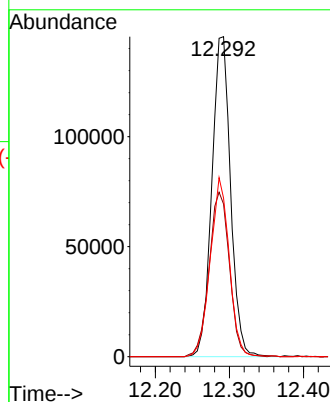
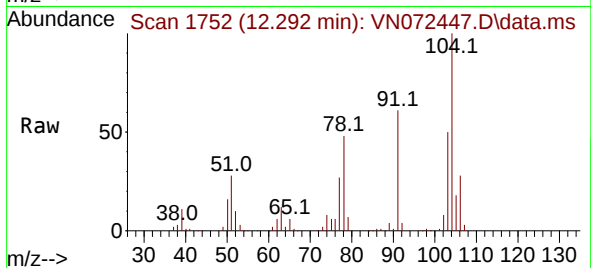
103 56.8 44.0 66.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#71

Bromoform

Concen: 57.416 ug/l

RT: 12.457 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VN072447.D

Acq: 12 May 2022 12:55

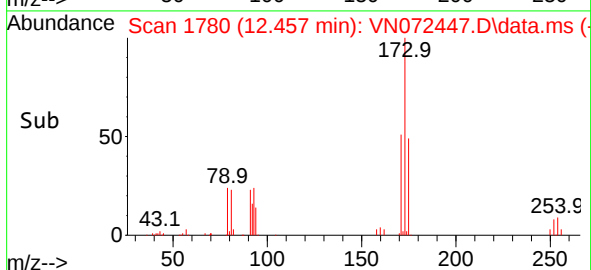
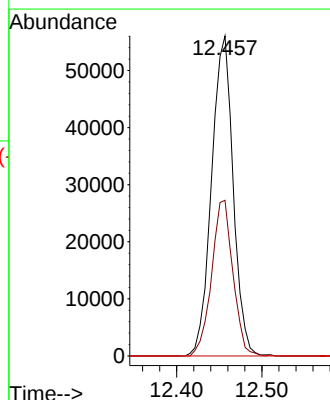
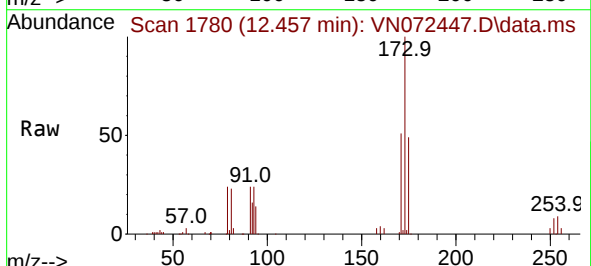
Tgt Ion:173 Resp: 98576

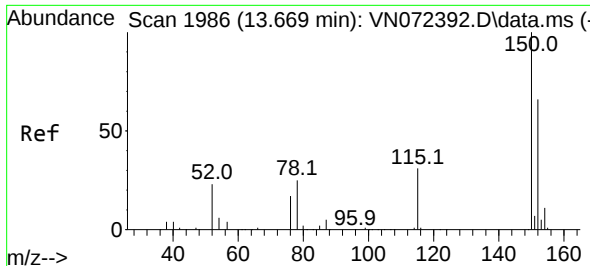
Ion Ratio Lower Upper

173 100

175 48.1 24.6 73.6

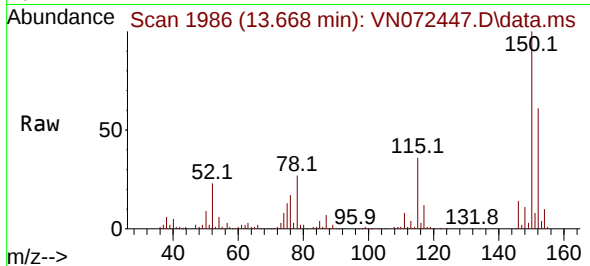
254 0.0 0.1 0.1#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

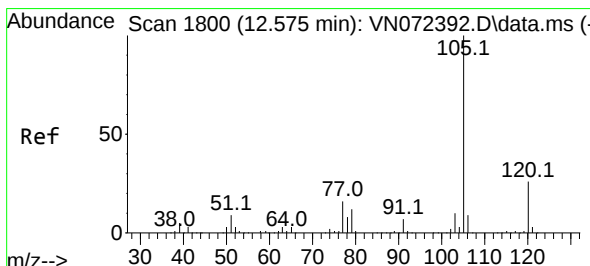
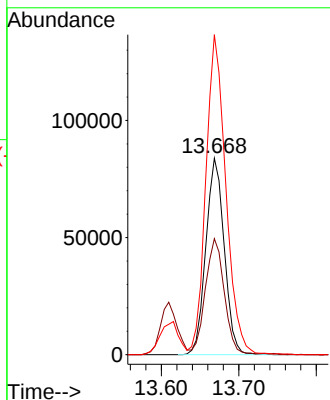
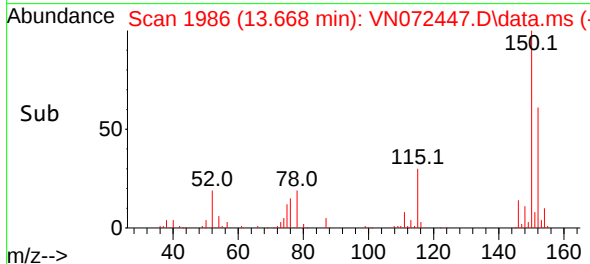
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MSD



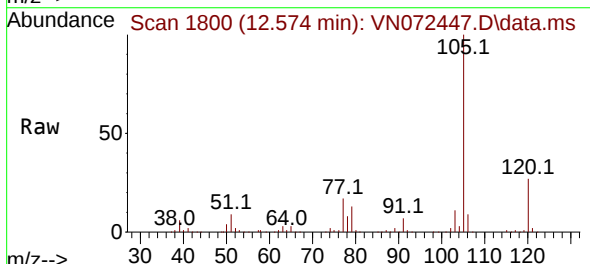
Tgt Ion:152 Resp: 138530
Ion Ratio Lower Upper
152 100
115 59.1 28.9 86.7
150 176.8 0.0 356.2

Manual Integrations
APPROVED

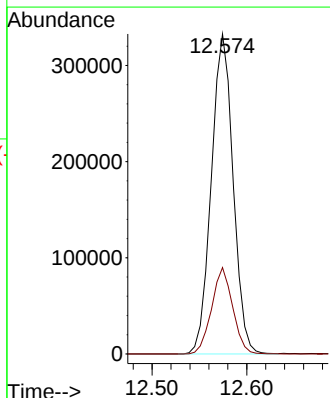
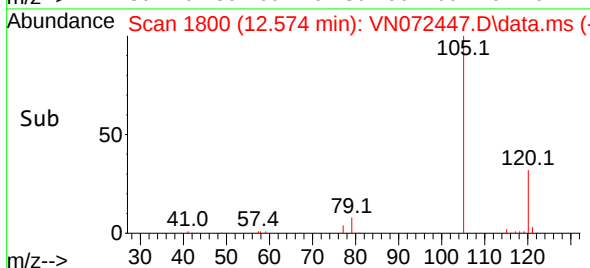
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

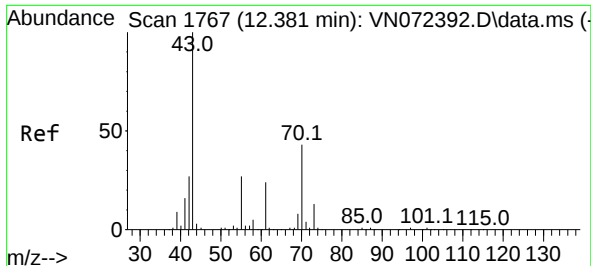


#73
Isopropylbenzene
Concen: 46.309 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55



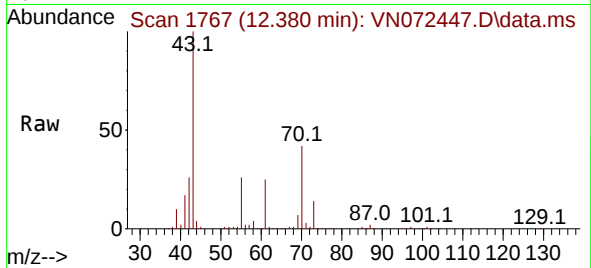
Tgt Ion:105 Resp: 531471
Ion Ratio Lower Upper
105 100
120 26.1 13.5 40.4





#74
N-amy1 acetate
Concen: 55.551 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.001 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

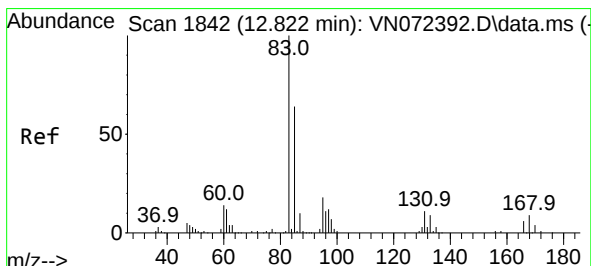
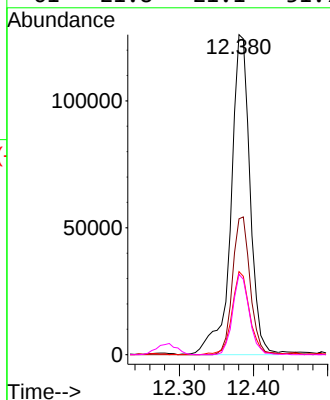
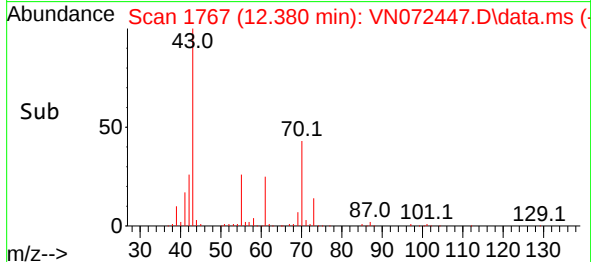
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MSD



Tgt Ion: 43 Resp: 22535
Ion Ratio Lower Upper
43 100
70 39.8 39.0 58.4
55 24.0 21.1 31.7
61 21.8 21.1 31.7

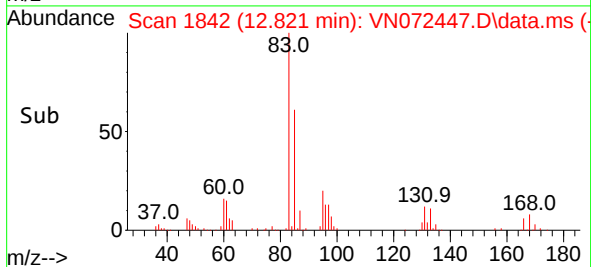
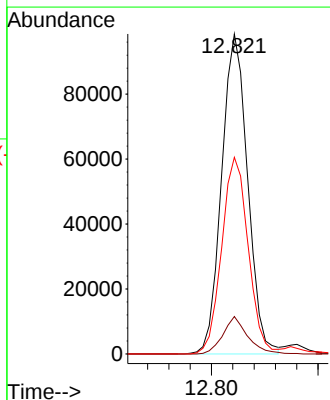
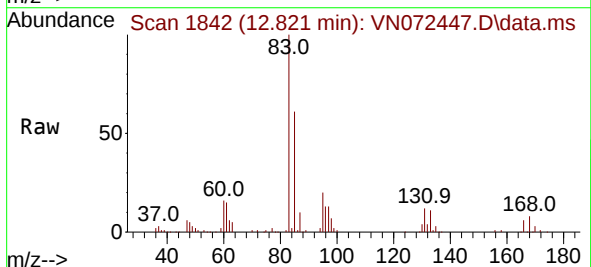
Manual Integrations
APPROVED

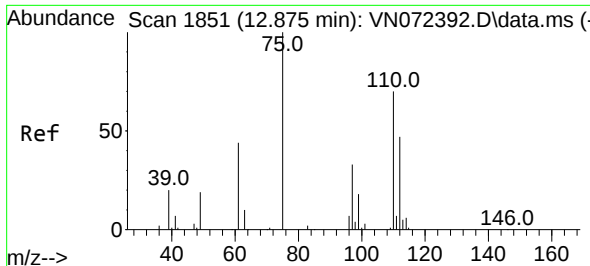
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#75
1,1,2,2-Tetrachloroethane
Concen: 40.044 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

Tgt Ion: 83 Resp: 166844
Ion Ratio Lower Upper
83 100
131 11.1 5.3 15.9
85 62.6 32.3 96.9





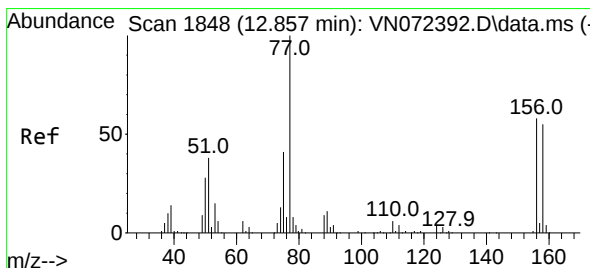
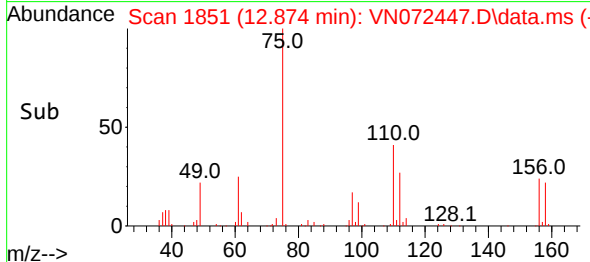
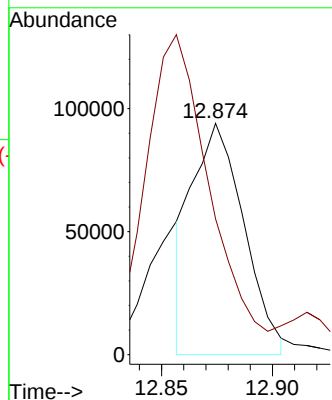
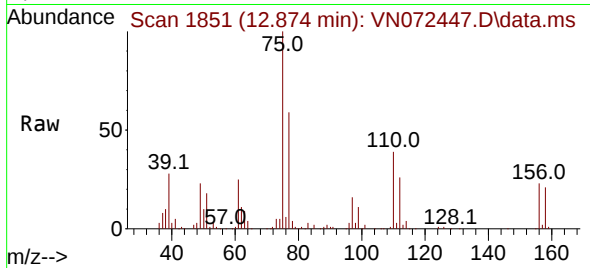
#76
1,2,3-Trichloropropane
Concen: 42.321 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.001 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MSD

Tgt Ion: 75 Resp: 152920
Ion Ratio Lower Upper
75 100
77 173.5 98.5 295.5

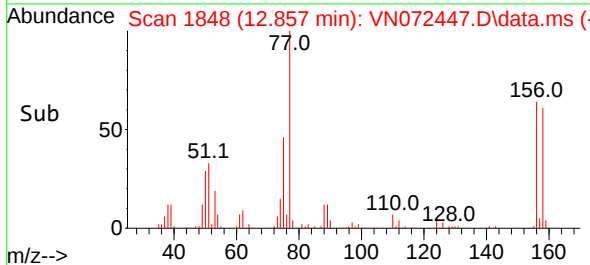
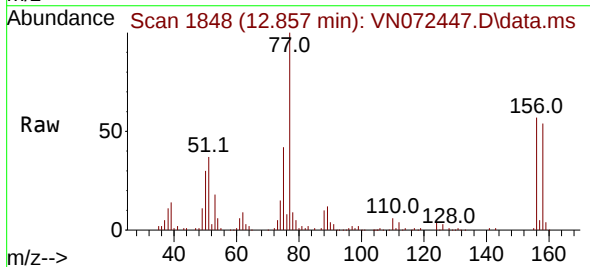
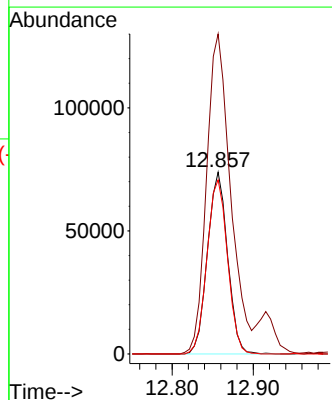
Manual Integrations
APPROVED

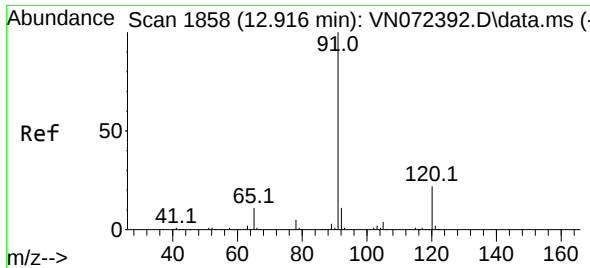
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#77
Bromobenzene
Concen: 46.320 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

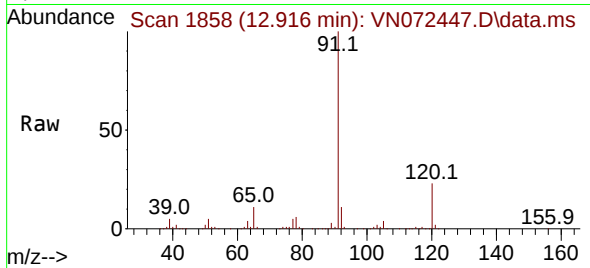
Tgt Ion:156 Resp: 127183
Ion Ratio Lower Upper
156 100
77 208.6 100.5 301.5
158 97.7 48.9 146.6





#78
n-propylbenzene
Concen: 49.293 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

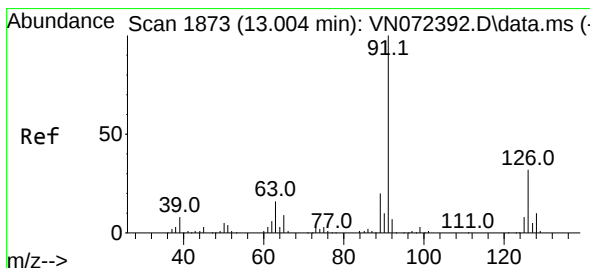
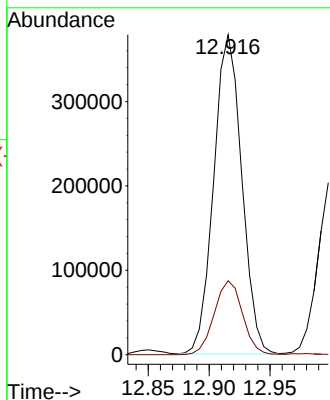
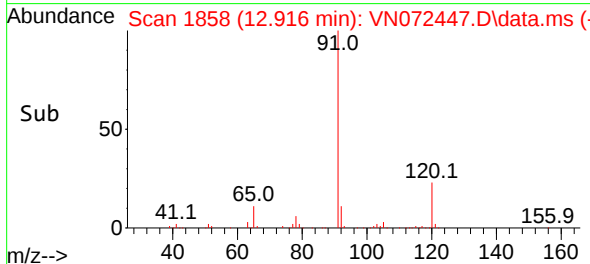
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MSD



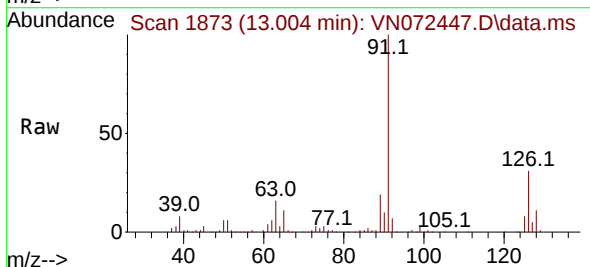
Tgt Ion: 91 Resp: 605352
Ion Ratio Lower Upper
91 100
120 23.3 11.9 35.5

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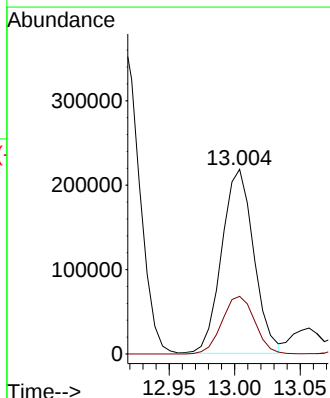
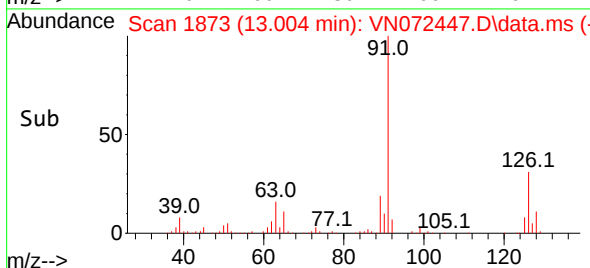
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

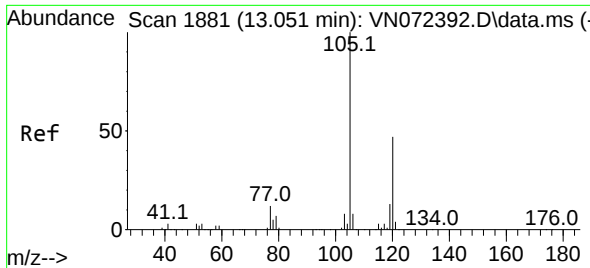


#79
2-Chlorotoluene
Concen: 46.027 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55



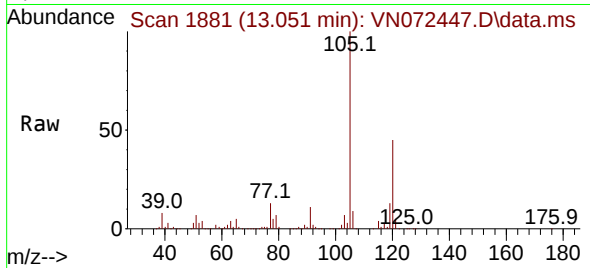
Tgt Ion: 91 Resp: 371335
Ion Ratio Lower Upper
91 100
126 32.0 17.3 51.9





#80
1,3,5-Trimethylbenzene
Concen: 46.270 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

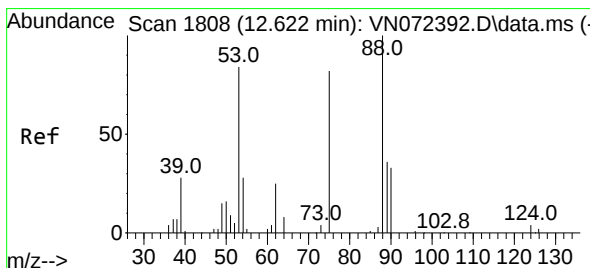
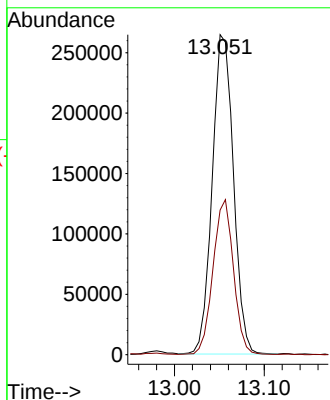
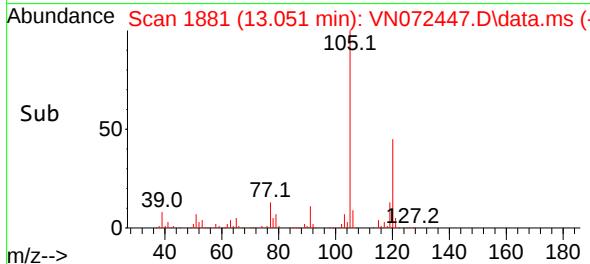
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MSD



Tgt Ion:105 Resp: 434910
Ion Ratio Lower Upper
105 100
120 46.7 24.9 74.7

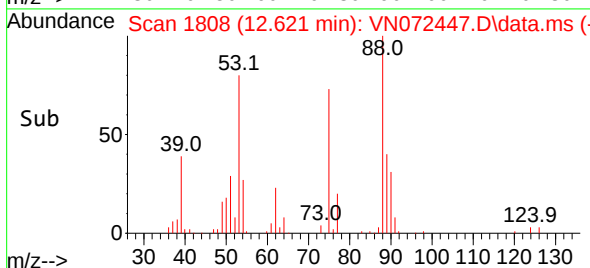
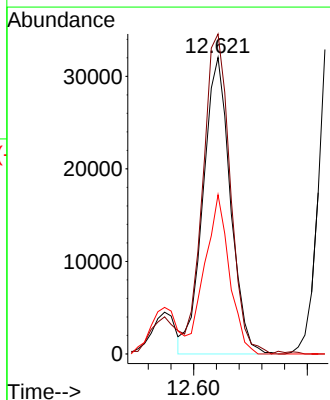
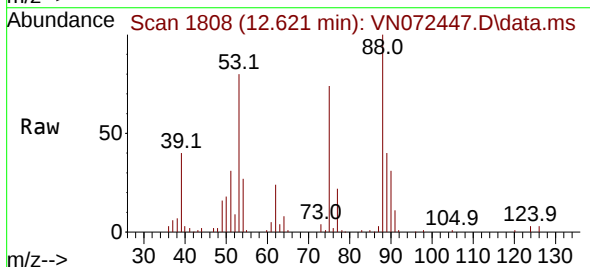
Manual Integrations
APPROVED

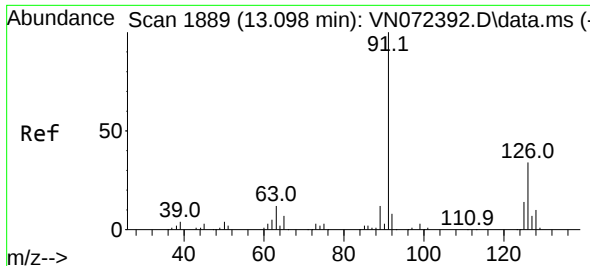
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#81
trans-1,4-Dichloro-2-butene
Concen: 49.333 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

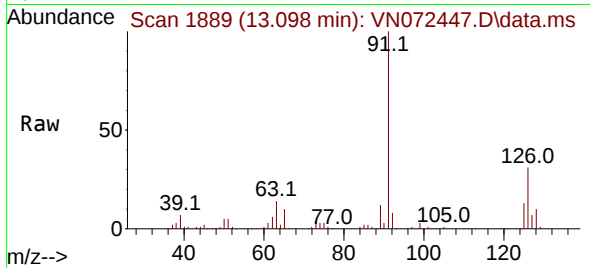
Tgt Ion: 75 Resp: 53433
Ion Ratio Lower Upper
75 100
53 107.3 78.0 117.0
89 48.8 37.2 55.8





#82
4-Chlorotoluene
Concen: 48.569 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

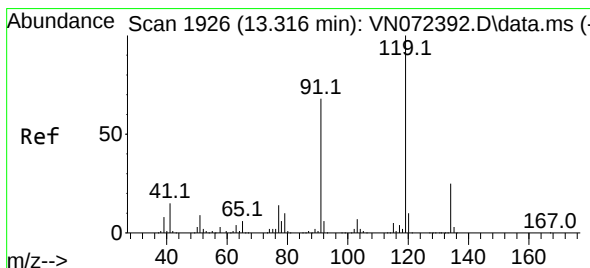
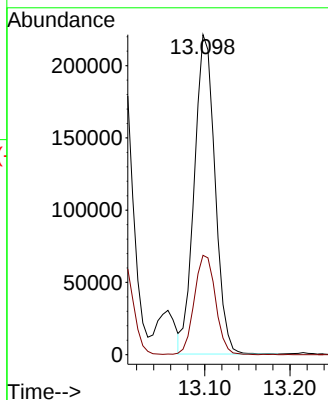
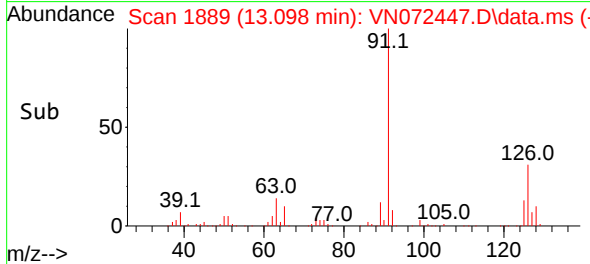
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MSD



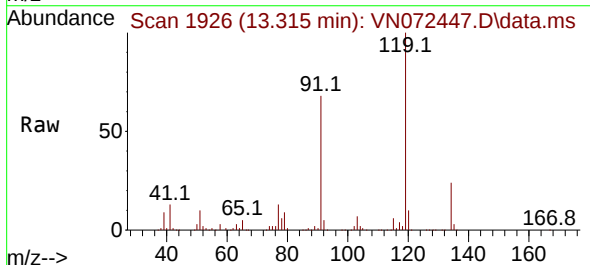
Tgt Ion: 91 Resp: 37135
Ion Ratio Lower Upper
91 100
126 32.1 17.2 51.6

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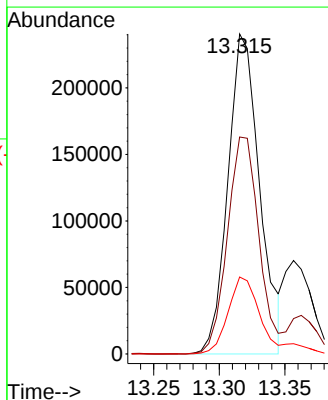
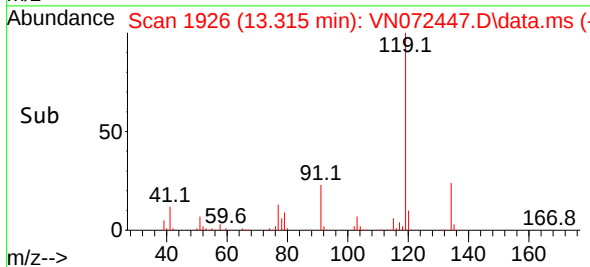
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

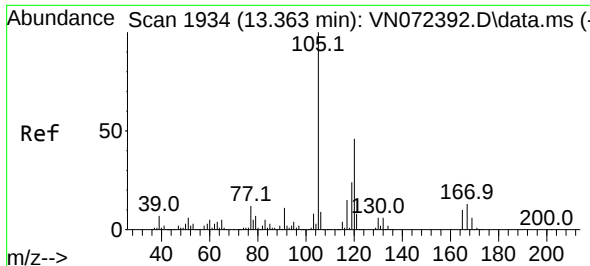


#83
tert-Butylbenzene
Concen: 49.344 ug/l
RT: 13.315 min Scan# 1926
Delta R.T. -0.001 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55



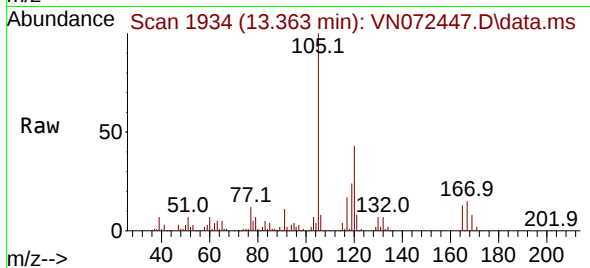
Tgt Ion:119 Resp: 406030
Ion Ratio Lower Upper
119 100
91 67.3 31.6 94.8
134 25.9 13.7 41.1





#84
1,2,4-Trimethylbenzene
Concen: 46.118 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

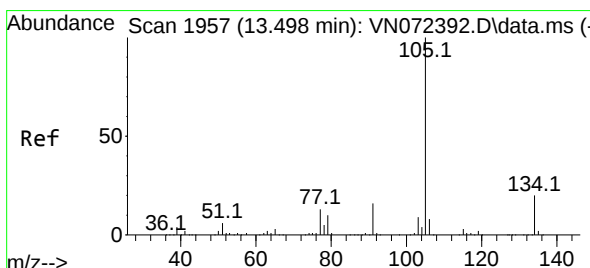
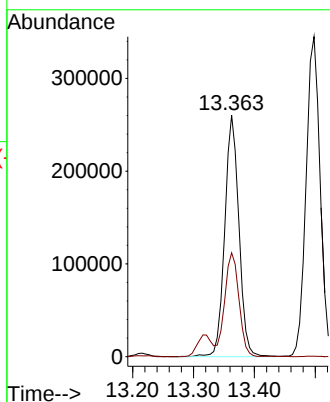
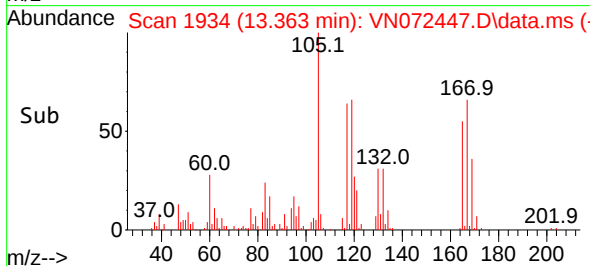
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MSD



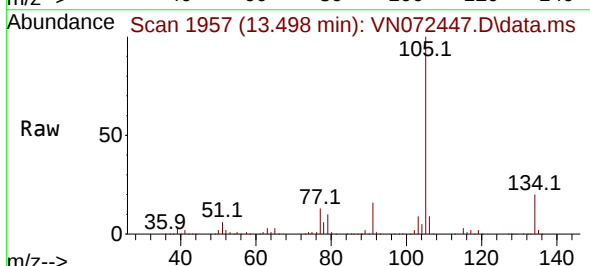
Tgt Ion:105 Resp: 421678
Ion Ratio Lower Upper
105 100
120 43.1 23.3 69.8

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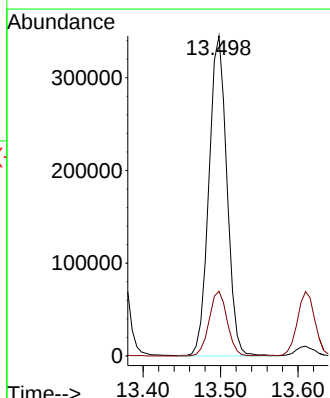
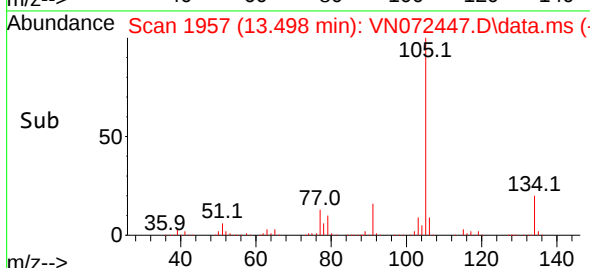
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

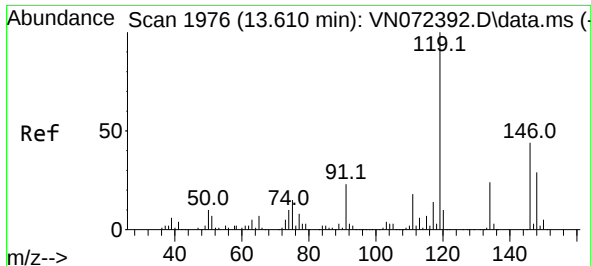


#85
sec-Butylbenzene
Concen: 50.526 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55



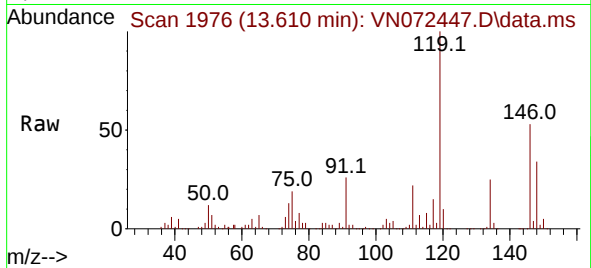
Tgt Ion:105 Resp: 554475
Ion Ratio Lower Upper
105 100
134 20.4 10.4 31.1





#86
p-Isopropyltoluene
Concen: 49.335 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

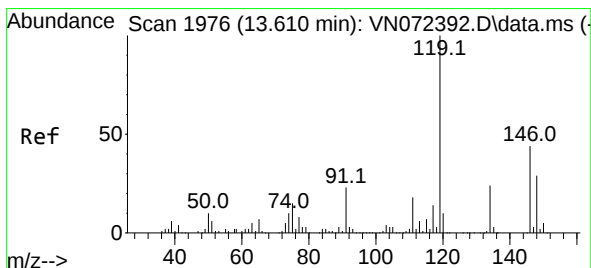
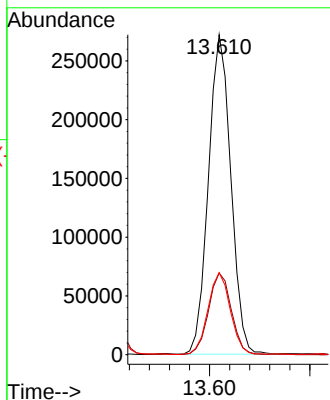
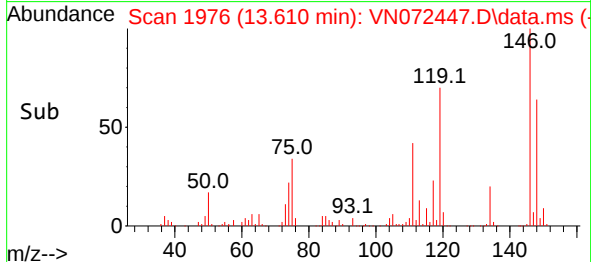
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MSD



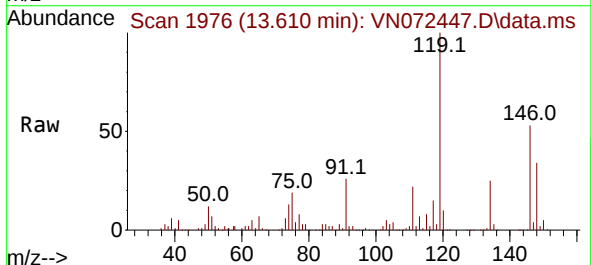
Tgt Ion:119 Resp: 42172
Ion Ratio Lower Upper
119 100
134 25.7 13.3 39.8
91 25.6 11.3 33.9

Manual Integrations
APPROVED

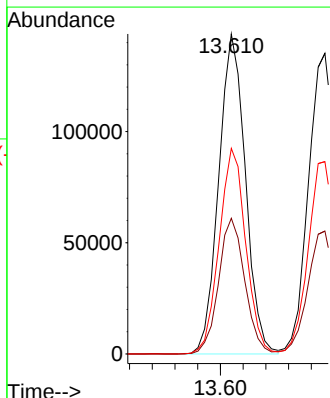
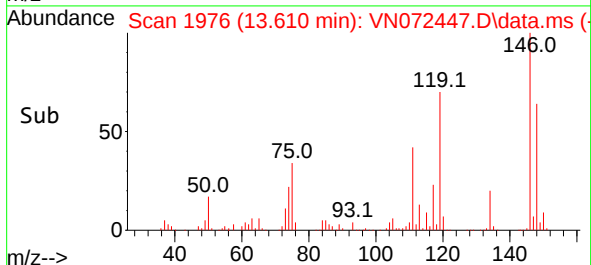
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

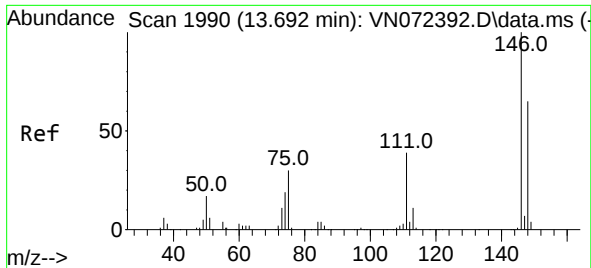


#87
1,3-Dichlorobenzene
Concen: 49.575 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55



Tgt Ion:146 Resp: 234755
Ion Ratio Lower Upper
146 100
111 41.6 20.0 60.0
148 64.1 32.0 96.0





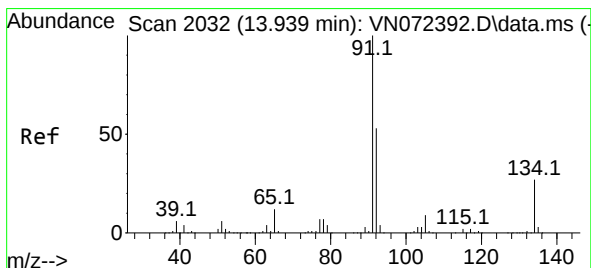
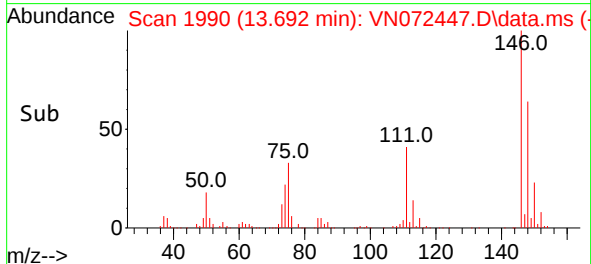
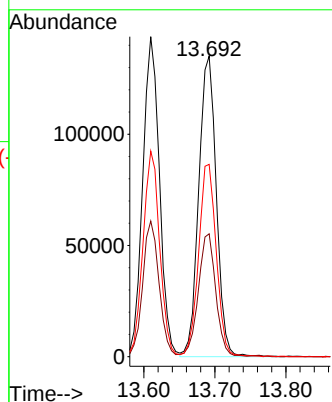
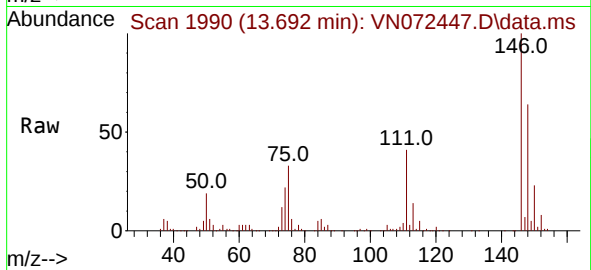
#88
1,4-Dichlorobenzene
Concen: 49.508 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MSD

Tgt Ion:146 Resp: 233225
Ion Ratio Lower Upper
146 100
111 40.4 19.1 57.1
148 64.4 31.4 94.3

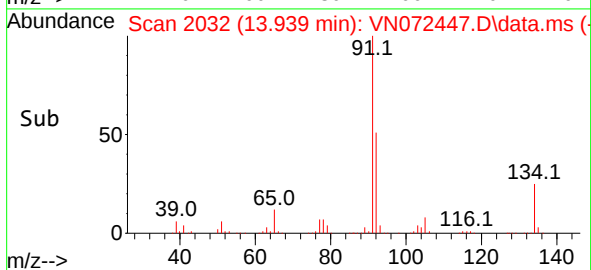
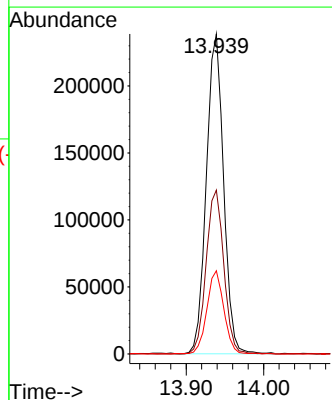
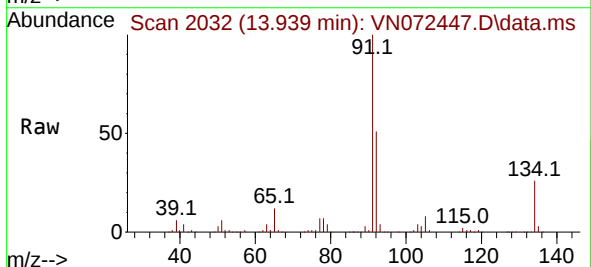
Manual Integrations
APPROVED

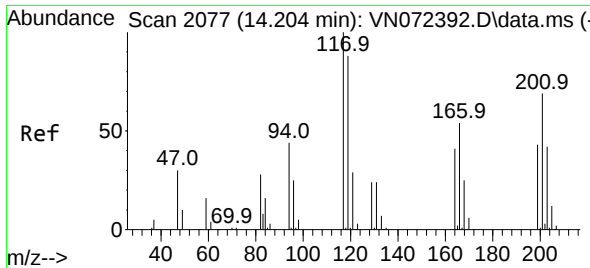
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#89
n-Butylbenzene
Concen: 56.463 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

Tgt Ion: 91 Resp: 368948
Ion Ratio Lower Upper
91 100
92 52.6 26.9 80.7
134 25.9 13.6 40.8





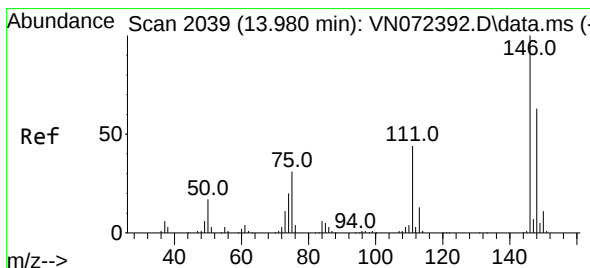
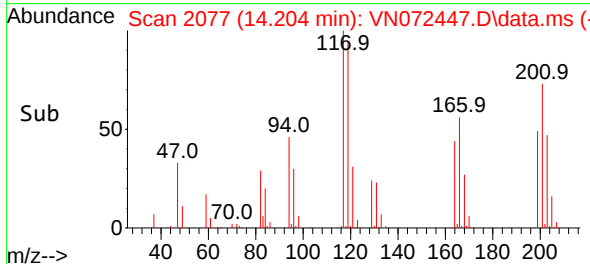
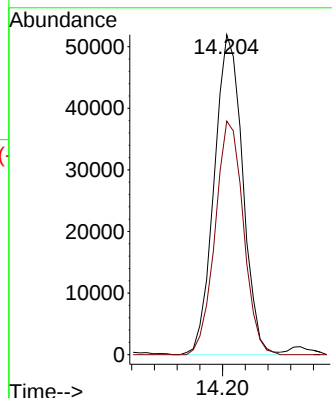
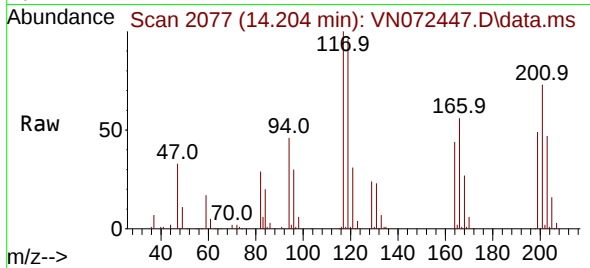
#90
Hexachloroethane
Concen: 52.891 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MSD

Tgt Ion:117 Resp: 90349
Ion Ratio Lower Upper
117 100
201 72.5 40.6 122.0

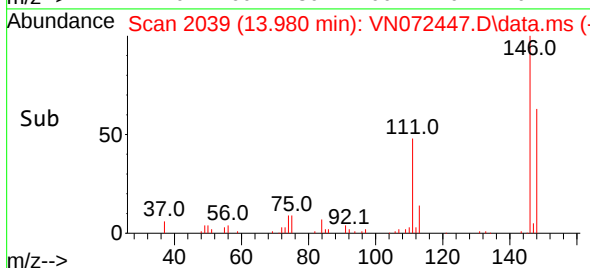
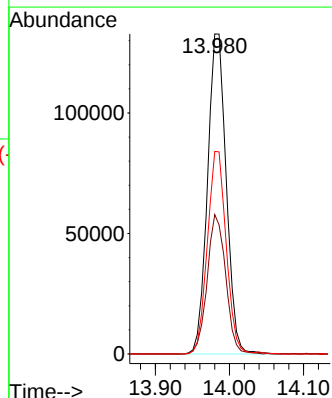
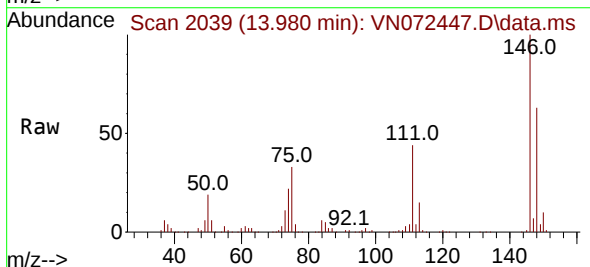
Manual Integrations
APPROVED

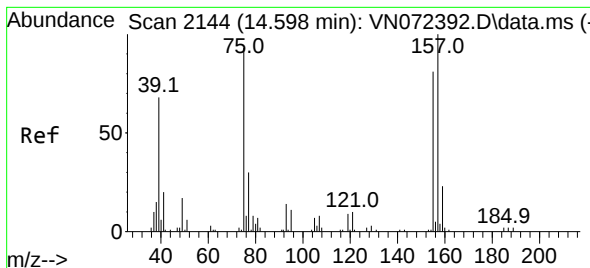
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#91
1,2-Dichlorobenzene
Concen: 49.262 ug/l
RT: 13.980 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

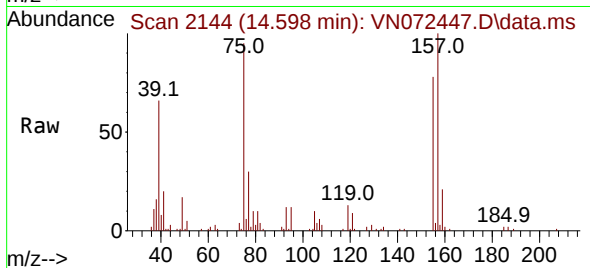
Tgt Ion:146 Resp: 232982
Ion Ratio Lower Upper
146 100
111 43.2 20.9 62.8
148 63.5 32.1 96.3





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.648 ug/l
 RT: 14.598 min Scan# 2144
 Delta R.T. -0.000 min
 Lab File: VN072447.D
 Acq: 12 May 2022 12:55

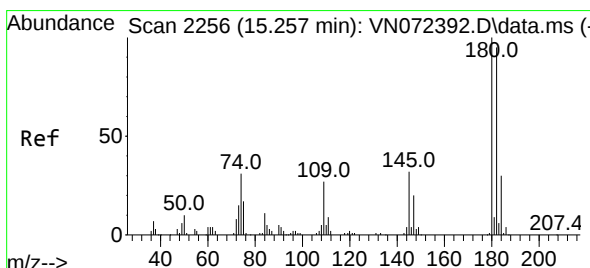
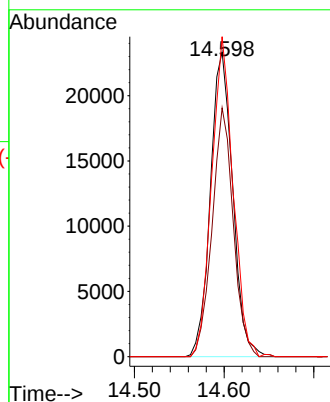
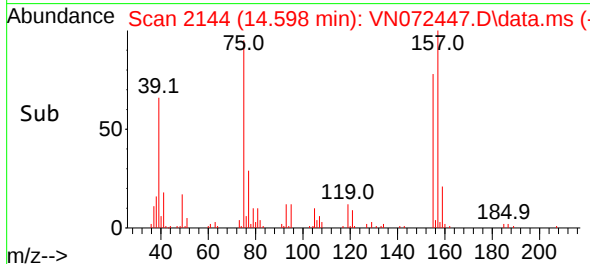
Instrument :
 MSVOA_N
 ClientSampleId :
 BEM-MW-04MSD



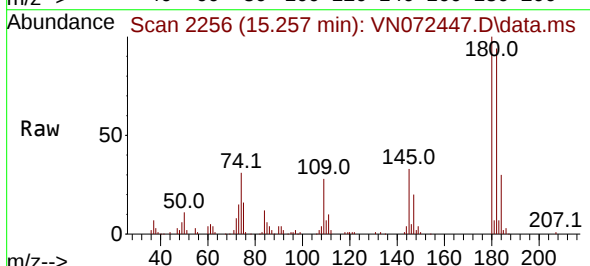
Tgt Ion: 75 Resp: 40318
 Ion Ratio Lower Upper
 75 100
 155 77.3 44.9 134.5
 157 100.9 59.0 176.8

Manual Integrations
 APPROVED

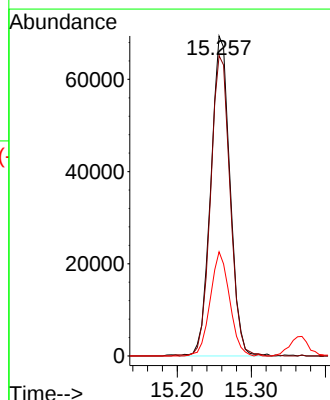
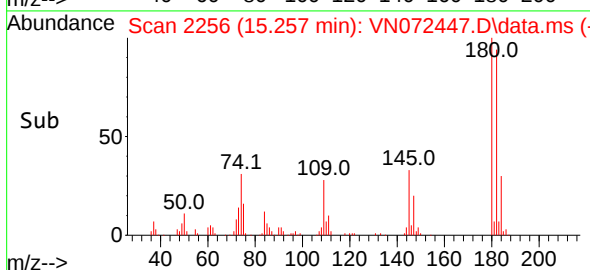
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022

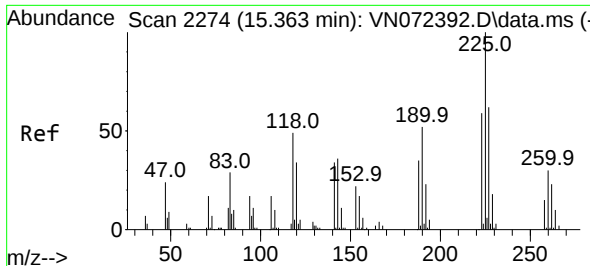


#93
 1,2,4-Trichlorobenzene
 Concen: 69.723 ug/l
 RT: 15.257 min Scan# 2256
 Delta R.T. -0.000 min
 Lab File: VN072447.D
 Acq: 12 May 2022 12:55



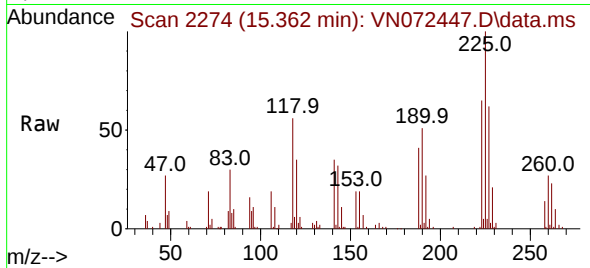
Tgt Ion:180 Resp: 124912
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.5 142.5
 145 32.8 14.5 43.5





#94
Hexachlorobutadiene
Concen: 57.536 ug/l
RT: 15.362 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

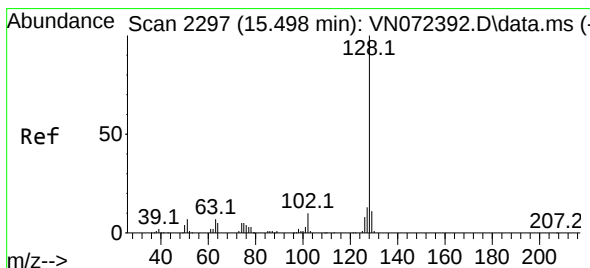
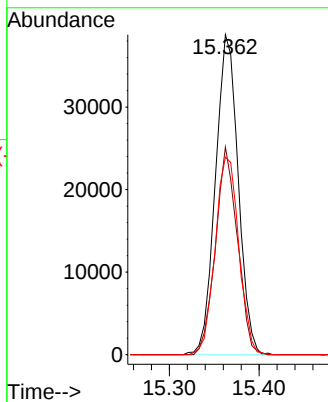
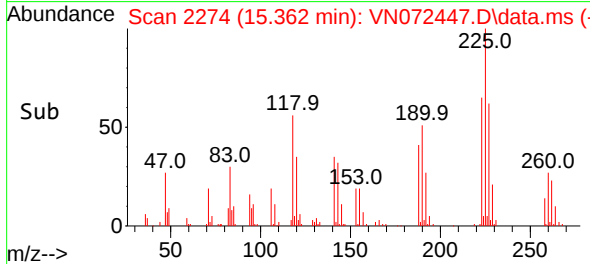
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-04MSD



Tgt Ion:225 Resp: 68249
Ion Ratio Lower Upper
225 100
223 62.3 32.4 97.2
227 64.2 31.8 95.4

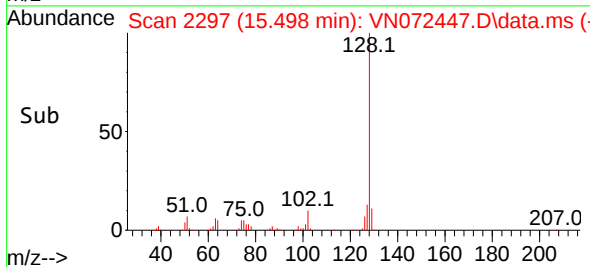
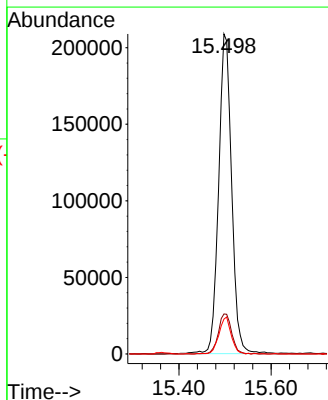
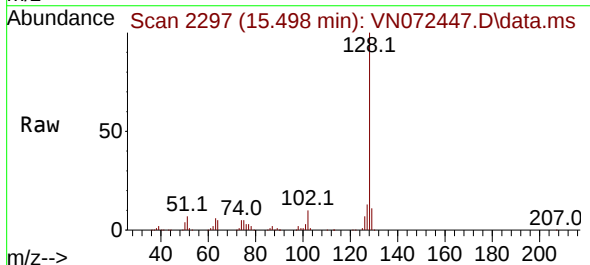
Manual Integrations
APPROVED

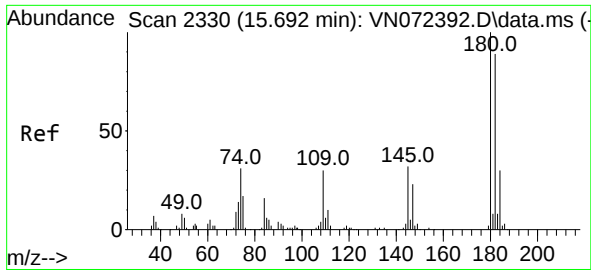
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#95
Naphthalene
Concen: 60.863 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072447.D
Acq: 12 May 2022 12:55

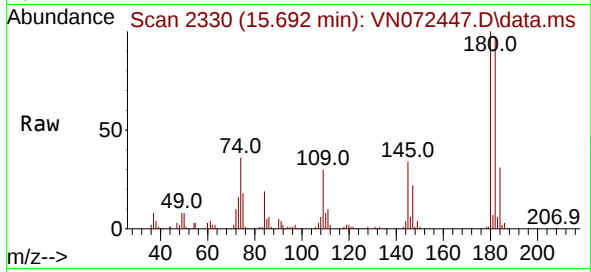
Tgt Ion:128 Resp: 407872
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 67.717 ug/l
 RT: 15.692 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN072447.D
 Acq: 12 May 2022 12:55

Instrument :
 MSVOA_N
 ClientSampleId :
 BEM-MW-04MSD



Tgt Ion:180 Resp: 12157
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.8 143.3
 145 33.3 15.5 46.5

Manual Integrations
 APPROVED

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

