

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060923\
 Data File : VN078148.D
 Acq On : 09 Jun 2023 16:10
 Operator : JC\MD
 Sample : 03123-04MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-698-700MS

Quant Time: Jun 09 23:09:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/12/2023
 Supervised By :Mahesh Dadoda 06/12/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	423211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	761519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	658460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	276098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	288651	51.155	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.300%			
35) Dibromofluoromethane	8.177	113	241327	50.120	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.240%			
50) Toluene-d8	10.571	98	937677	50.515	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.040%			
62) 4-Bromofluorobenzene	12.853	95	304768	52.814	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.620%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	212866	44.496	ug/l	97
3) Chloromethane	2.371	50	236352	52.611	ug/l	97
4) Vinyl Chloride	2.524	62	297692	47.521	ug/l	97
5) Bromomethane	2.953	94	218134	46.076	ug/l	99
6) Chloroethane	3.124	64	212670	49.801	ug/l	99
7) Trichlorofluoromethane	3.506	101	401953	47.317	ug/l	95
8) Diethyl Ether	3.977	74	143002	47.909	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.383	101	218982	48.845	ug/l	96
10) Methyl Iodide	4.600	142	306199	48.295	ug/l	99
11) Tert butyl alcohol	5.536	59	167750	215.302	ug/l	100
12) 1,1-Dichloroethene	4.353	96	210637	45.578	ug/l	89
13) Acrolein	4.189	56	195007	227.092	ug/l	96
14) Allyl chloride	5.036	41	275114	48.767	ug/l	91
15) Acrylonitrile	5.730	53	518668	258.205	ug/l	98
16) Acetone	4.442	43	389533	239.834	ug/l	97
17) Carbon Disulfide	4.718	76	537256	45.165	ug/l	96
18) Methyl Acetate	5.036	43	363928	48.669	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	726201	49.250	ug/l	96
20) Methylene Chloride	5.283	84	250390	46.652	ug/l	93
21) trans-1,2-Dichloroethene	5.794	96	237961	47.740	ug/l	87
22) Diisopropyl ether	6.683	45	696932	52.519	ug/l	94
23) Vinyl Acetate	6.612	43	2032751	257.694	ug/l #	91
24) 1,1-Dichloroethane	6.583	63	443824	50.700	ug/l	97
25) 2-Butanone	7.494	43	637259	255.145	ug/l	90
26) 2,2-Dichloropropane	7.500	77	358995	55.541	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	288140	48.462	ug/l	94
28) Bromochloromethane	7.818	49	180505	44.910	ug/l	91
29) Tetrahydrofuran	7.847	42	430436	257.795	ug/l	86
30) Chloroform	7.971	83	484567	51.406	ug/l	93
31) Cyclohexane	8.265	56	357923	49.448	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	426038	51.481	ug/l	96
36) 1,1-Dichloropropene	8.377	75	357369	51.744	ug/l	96
37) Ethyl Acetate	7.571	43	275916	51.139	ug/l #	94
38) Carbon Tetrachloride	8.371	117	380507	52.177	ug/l	99
39) Methylcyclohexane	9.606	83	370527	51.768	ug/l	93
40) Benzene	8.612	78	1059508	51.385	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	157235	53.765	ug/l	91
42) 1,2-Dichloroethane	8.677	62	364641	51.579	ug/l	98
43) Isopropyl Acetate	8.694	43	476390	46.169	ug/l	96
44) Trichloroethene	9.359	130	269642	49.519	ug/l	98
45) 1,2-Dichloropropane	9.629	63	268794	52.396	ug/l	100
46) Dibromomethane	9.718	93	189543	50.162	ug/l	95
47) Bromodichloromethane	9.894	83	380993	54.281	ug/l	99
48) Methyl methacrylate	9.688	41	231269	53.409	ug/l	89
49) 1,4-Dioxane	9.700	88	83885	921.702	ug/l #	92
51) 4-Methyl-2-Pentanone	10.453	43	1452469	267.314	ug/l	93
52) Toluene	10.635	92	668512	51.352	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	394852	54.017	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	417440	51.661	ug/l	94
55) 1,1,2-Trichloroethane	11.024	97	262345	53.272	ug/l	91
56) Ethyl methacrylate	10.882	69	383302	53.454	ug/l #	90
57) 1,3-Dichloropropane	11.171	76	441671	53.133	ug/l	100
59) 2-Hexanone	11.200	43	1005025	265.645	ug/l	93
60) Dibromochloromethane	11.365	129	291495	54.092	ug/l	99
61) 1,2-Dibromoethane	11.476	107	265816	51.434	ug/l	100
64) Tetrachloroethene	11.106	164	225191	51.264	ug/l	96
65) Chlorobenzene	11.900	112	713935	50.629	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	270956	52.243	ug/l	98
67) Ethyl Benzene	11.970	91	1288577	52.959	ug/l	99
68) m/p-Xylenes	12.076	106	972626	104.890	ug/l	98
69) o-Xylene	12.400	106	480797	52.800	ug/l	96
70) Styrene	12.418	104	767018	53.504	ug/l	98
71) Bromoform	12.582	173	181680	54.281	ug/l #	100
73) Isopropylbenzene	12.700	105	1193642	45.718	ug/l	99
74) N-amyl acetate	12.500	43	394601	45.896	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	370112	51.620	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	300437m	46.029	ug/l	
77) Bromobenzene	12.988	156	271359	44.773	ug/l	99
78) n-propylbenzene	13.041	91	1376505	48.526	ug/l	98
79) 2-Chlorotoluene	13.129	91	837597	45.744	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	979735	46.349	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	102454	48.226	ug/l	91
82) 4-Chlorotoluene	13.229	91	804824	47.096	ug/l	99
83) tert-Butylbenzene	13.441	119	848300	46.167	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	983598	47.995	ug/l	99
85) sec-Butylbenzene	13.623	105	1124189	46.744	ug/l	100
86) p-Isopropyltoluene	13.735	119	937525	48.038	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	473717	46.208	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	452072	45.698	ug/l	99
89) n-Butylbenzene	14.059	91	739938	48.068	ug/l	98
90) Hexachloroethane	14.335	117	169725	49.005	ug/l	94
91) 1,2-Dichlorobenzene	14.112	146	464110	46.321	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	61437	47.507	ug/l	99
93) 1,2,4-Trichlorobenzene	15.400	180	174414	48.857	ug/l	99
94) Hexachlorobutadiene	15.506	225	91290	52.292	ug/l	98
95) Naphthalene	15.647	128	527382	43.918	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	174976	43.825	ug/l	97

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

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

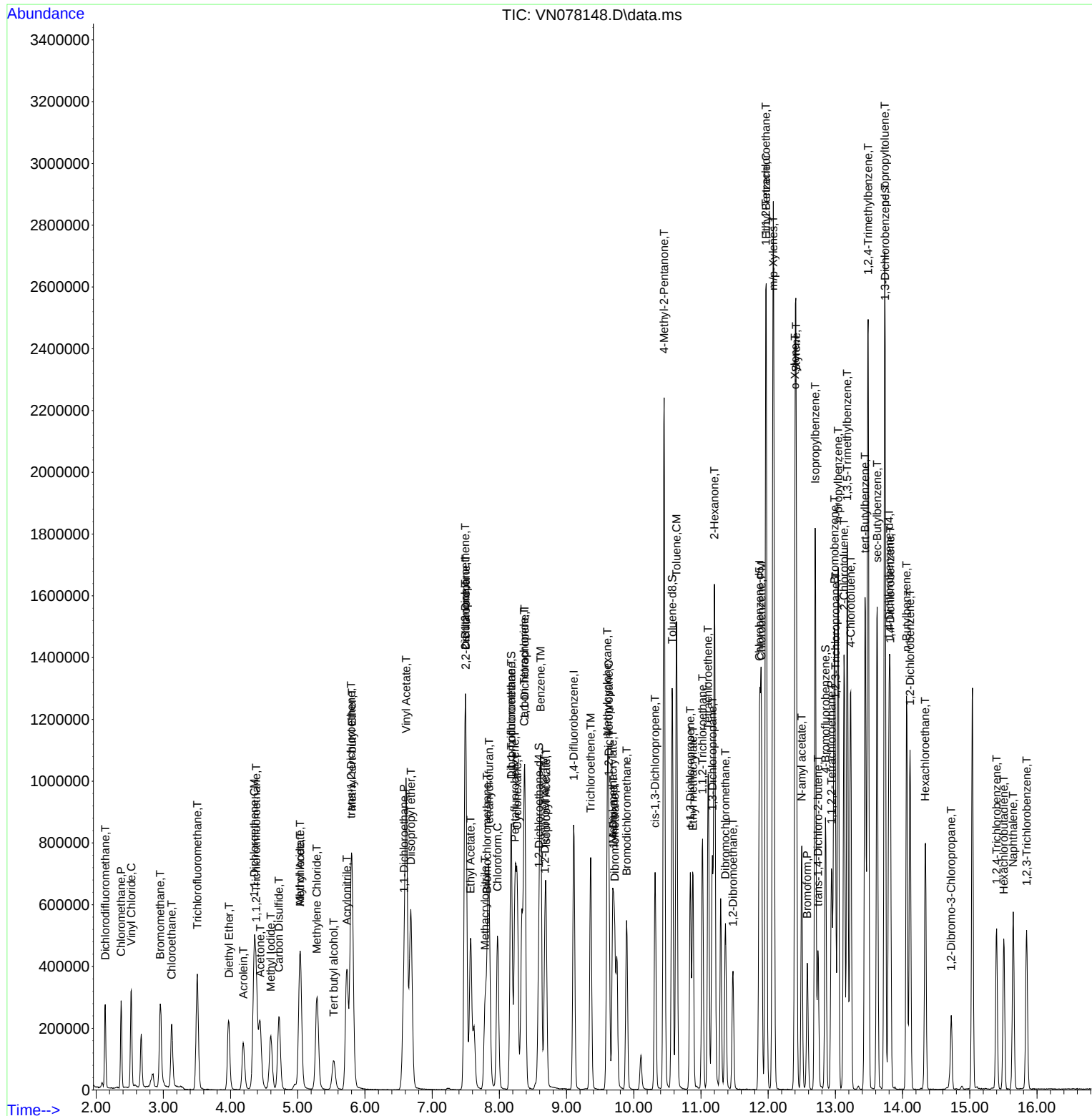
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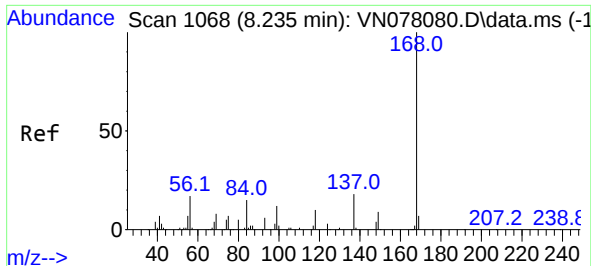
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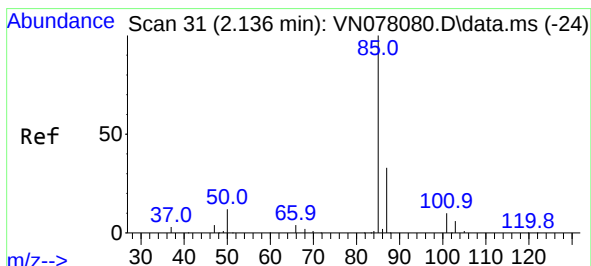
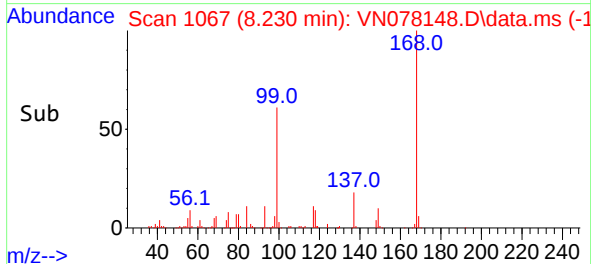
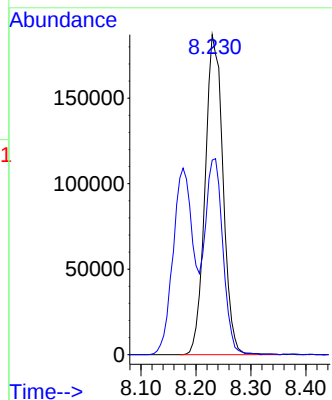
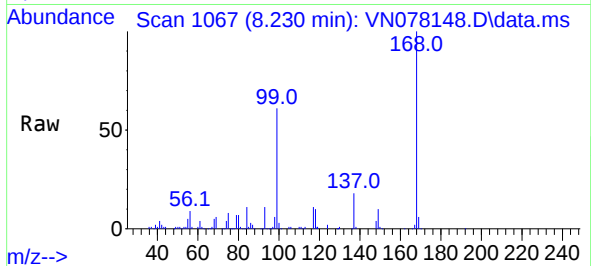
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078148.D
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ClientSampleId :
BP-VPB-RW11-GW-698-700MS

Tgt Ion:168 Resp: 42321
Ion Ratio Lower Upper
168 100
99 60.8 53.0 79.6

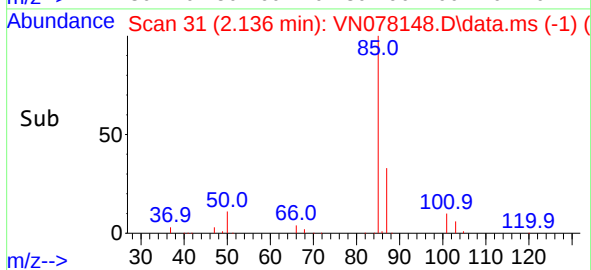
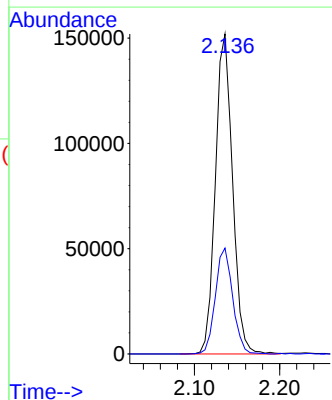
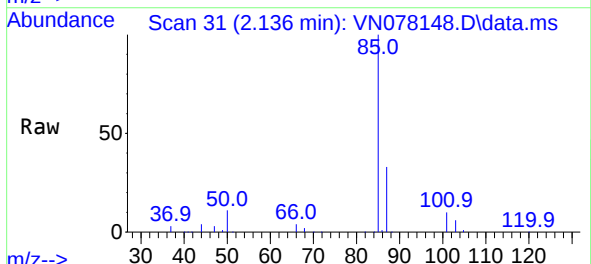
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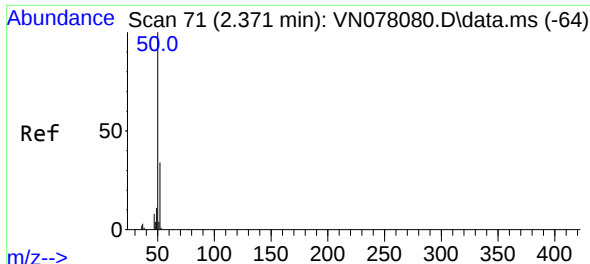
Reviewed By :John Carlone 06/12/2023
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#2
Dichlorodifluoromethane
Concen: 44.496 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

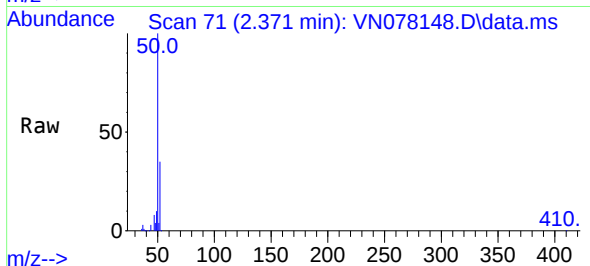
Tgt Ion: 85 Resp: 212866
Ion Ratio Lower Upper
85 100
87 33.1 15.8 47.4





#3
Chloromethane
Concen: 52.611 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

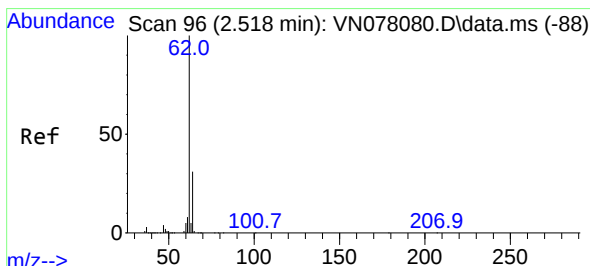
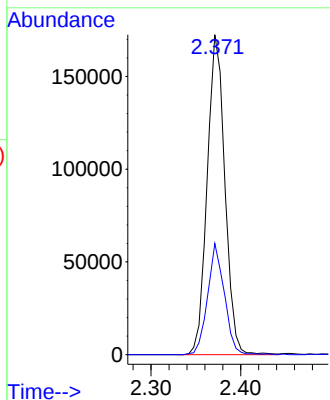
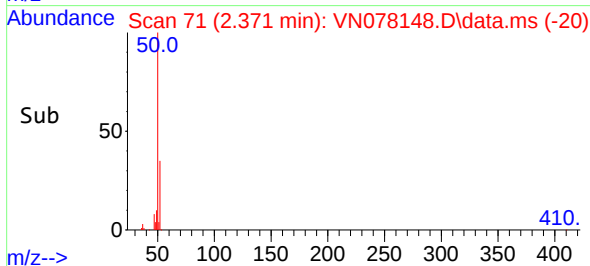
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 50 Resp: 236352
Ion Ratio Lower Upper
50 100
52 34.8 26.5 39.7

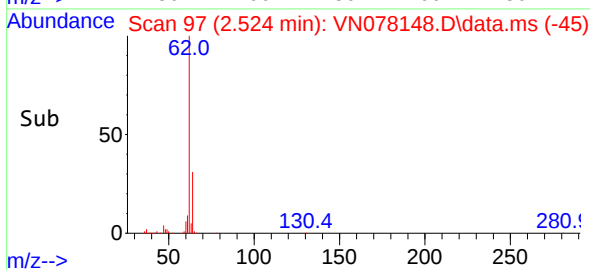
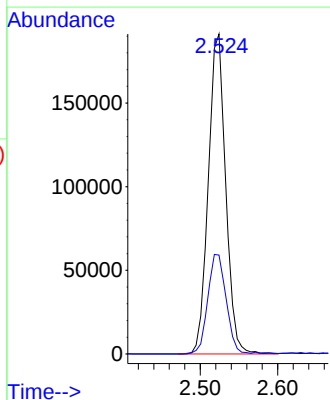
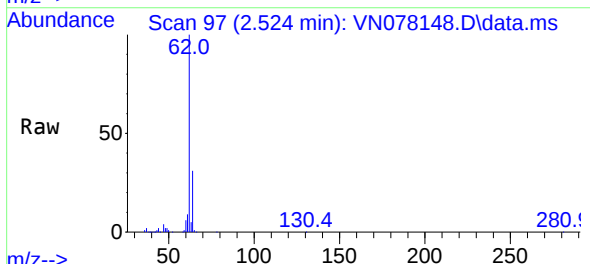
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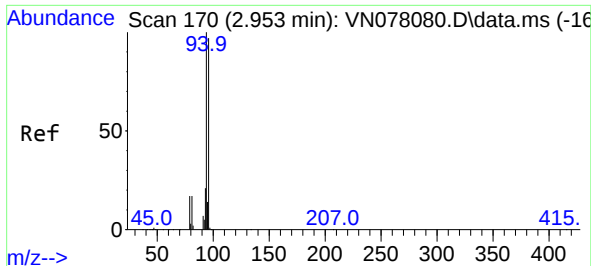
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023



#4
Vinyl Chloride
Concen: 47.521 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

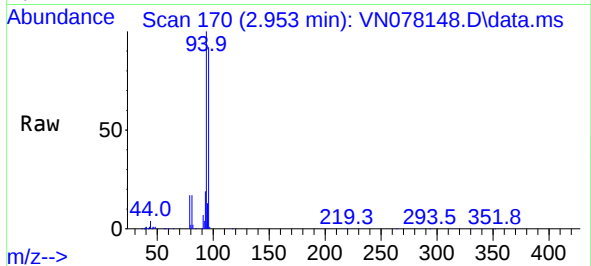
Tgt Ion: 62 Resp: 297692
Ion Ratio Lower Upper
62 100
64 30.9 26.2 39.2





#5
Bromomethane
Concen: 46.076 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

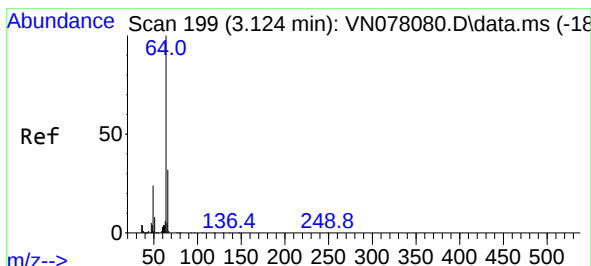
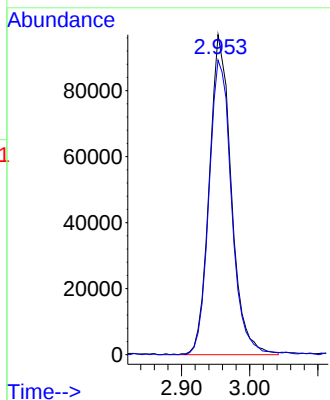
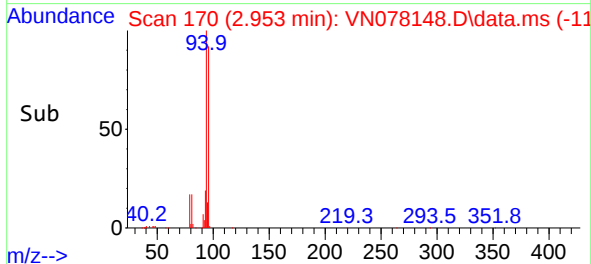
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Tgt Ion: 94 Resp: 218134
Ion Ratio Lower Upper
94 100
96 92.1 73.1 109.7

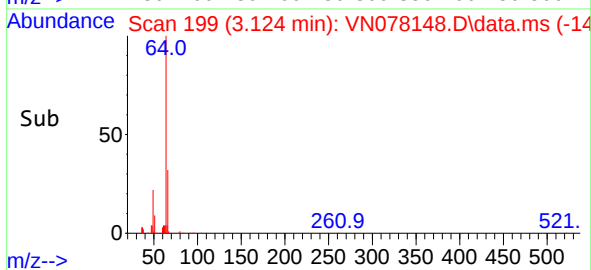
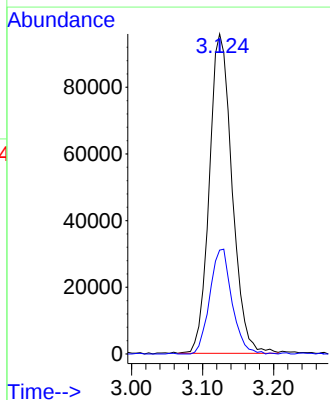
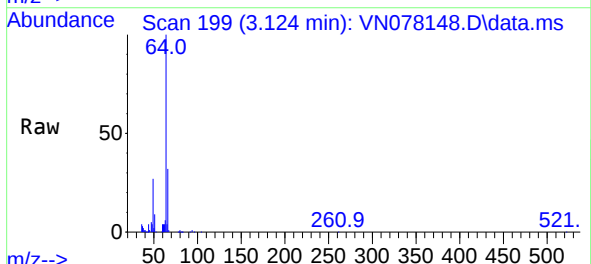
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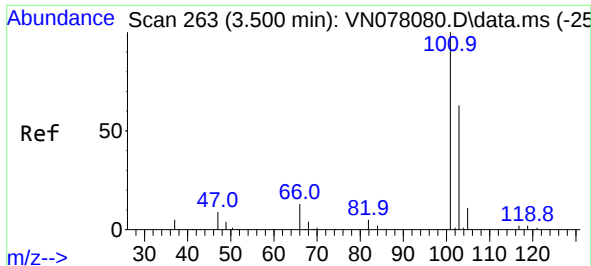
Reviewed By :John Carlone 06/12/2023
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#6
Chloroethane
Concen: 49.801 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

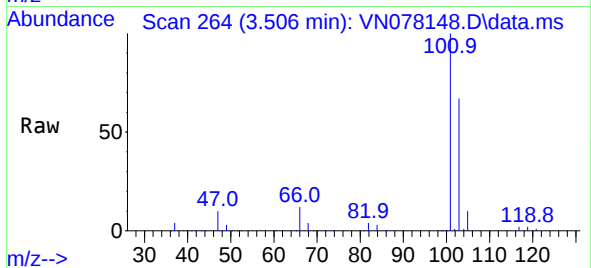
Tgt Ion: 64 Resp: 212670
Ion Ratio Lower Upper
64 100
66 32.5 25.4 38.2





#7
Trichlorofluoromethane
Concen: 47.317 ug/l
RT: 3.506 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

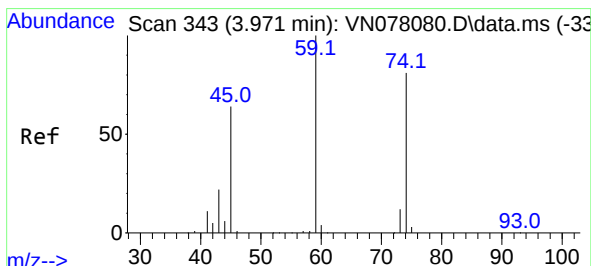
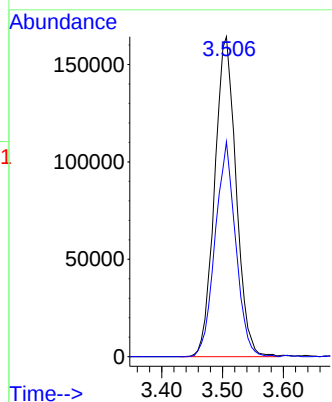
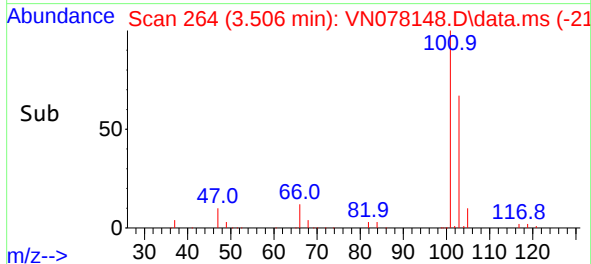
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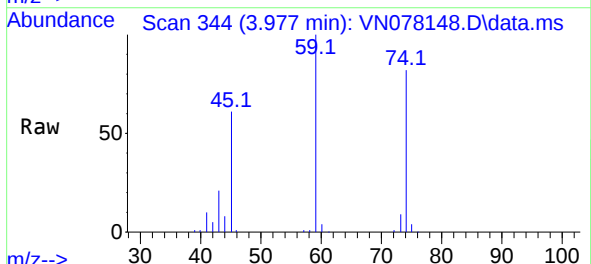
Tgt Ion:101 Resp: 40195
Ion Ratio Lower Upper
101 100
103 67.2 50.7 76.1

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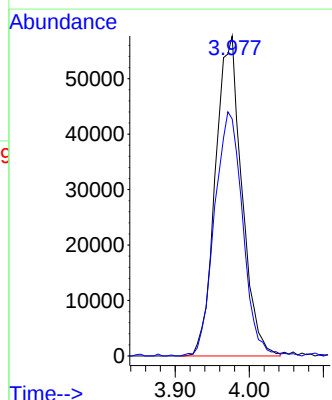
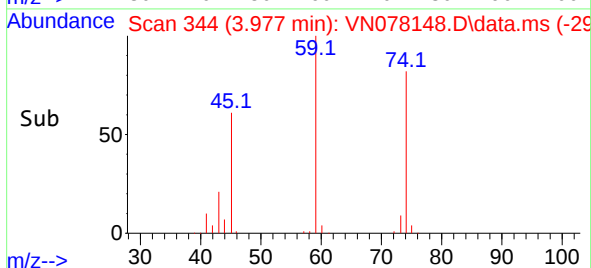
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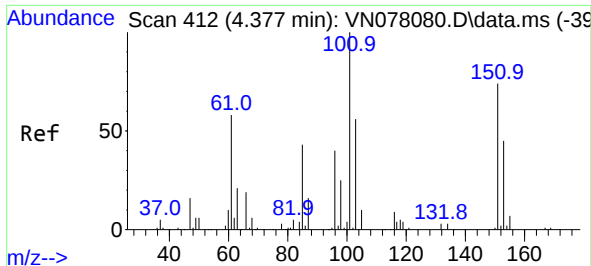


#8
Diethyl Ether
Concen: 47.909 ug/l
RT: 3.977 min Scan# 344
Delta R.T. 0.006 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10



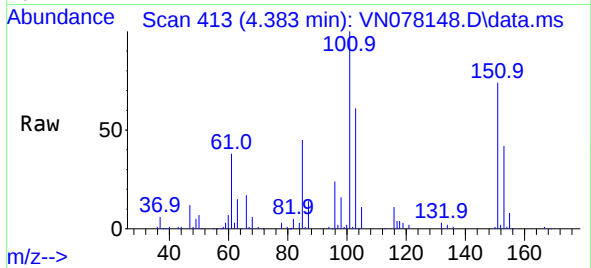
Tgt Ion: 74 Resp: 143002
Ion Ratio Lower Upper
74 100
45 81.5 34.4 103.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.845 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

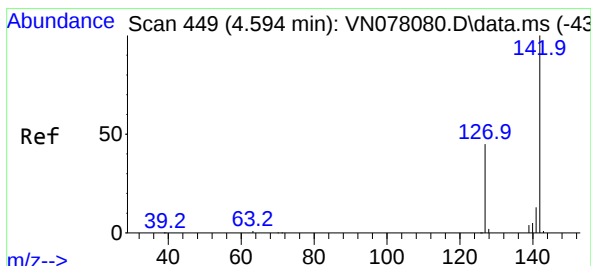
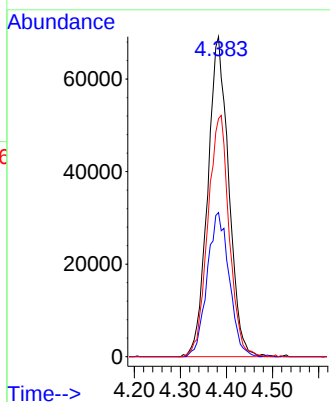
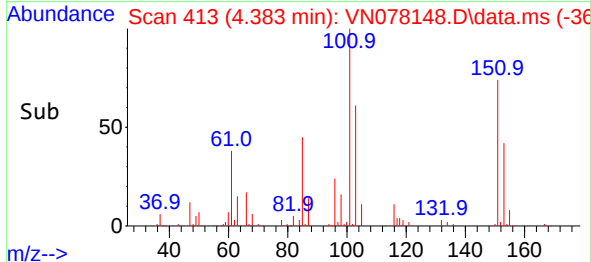
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-698-700MS



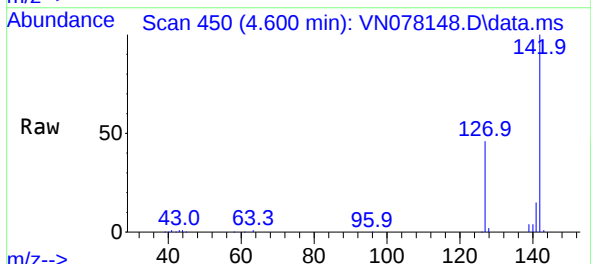
Tgt Ion:101 Resp: 21898
Ion Ratio Lower Upper
101 100
85 47.3 36.6 55.0
151 76.6 57.6 86.4

Manual Integrations
APPROVED

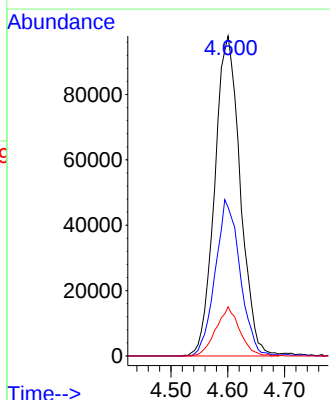
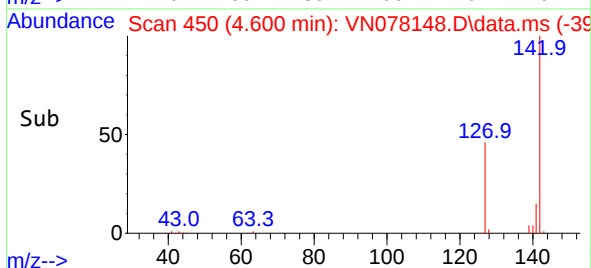
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

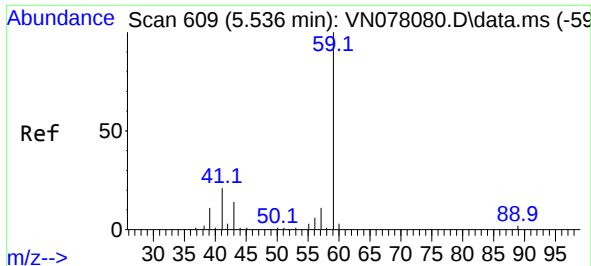


#10
Methyl Iodide
Concen: 48.295 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10



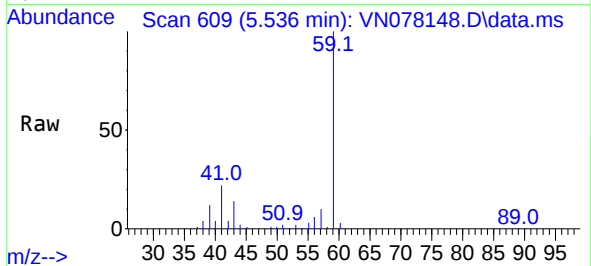
Tgt Ion:142 Resp: 306199
Ion Ratio Lower Upper
142 100
127 46.5 37.6 56.4
141 15.4 11.4 17.0





#11
Tert butyl alcohol
Concen: 215.302 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

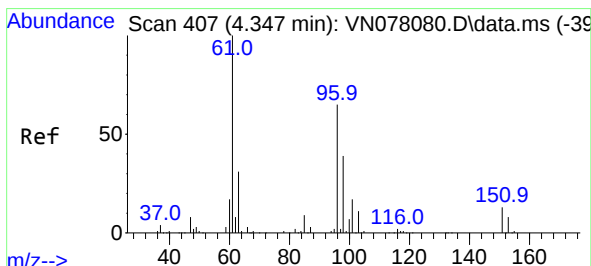
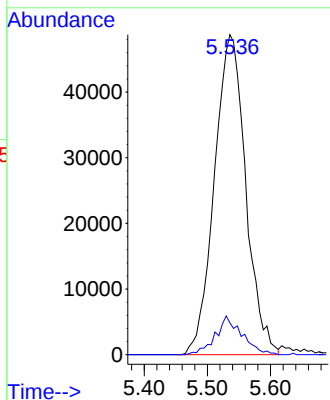
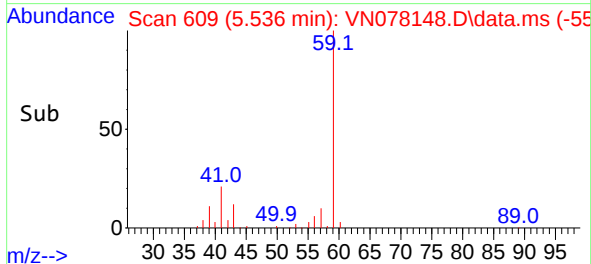
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-698-700MS



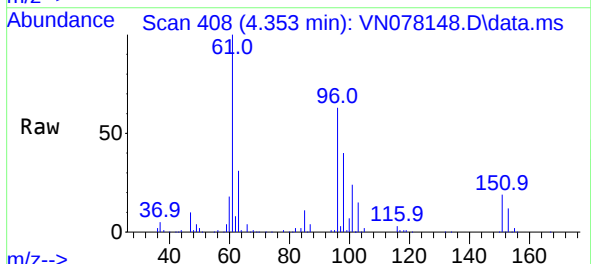
Tgt Ion: 59 Resp: 167750
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

Manual Integrations
APPROVED

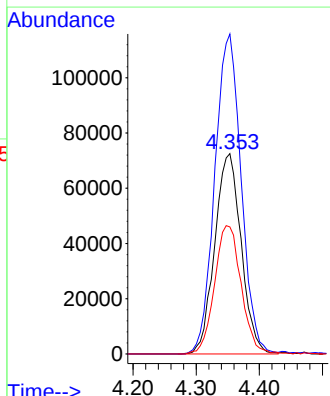
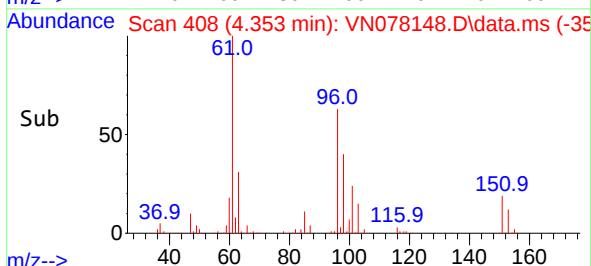
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

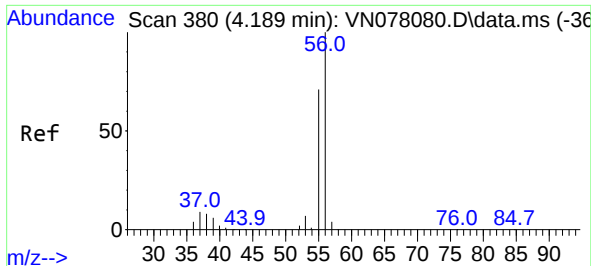


#12
1,1-Dichloroethene
Concen: 45.578 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10



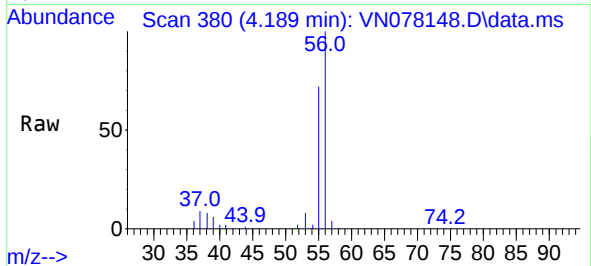
Tgt Ion: 96 Resp: 210637
Ion Ratio Lower Upper
96 100
61 159.8 112.7 169.1
98 63.5 51.2 76.8





#13
Acrolein
Concen: 227.092 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

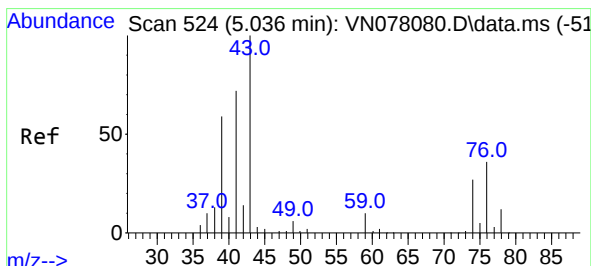
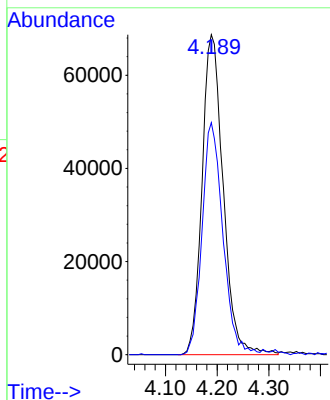
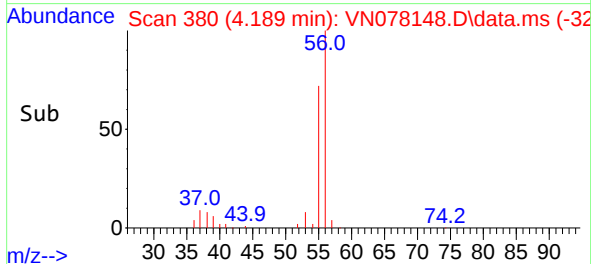
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-698-700MS



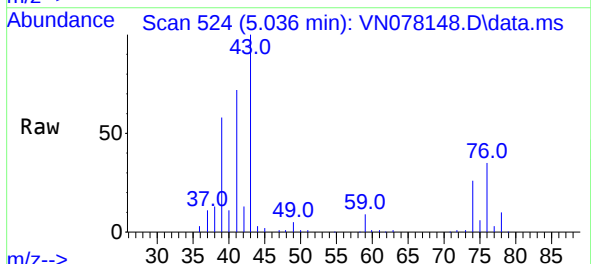
Tgt Ion: 56 Resp: 19500
Ion Ratio Lower Upper
56 100
55 71.4 54.5 81.7

Manual Integrations
APPROVED

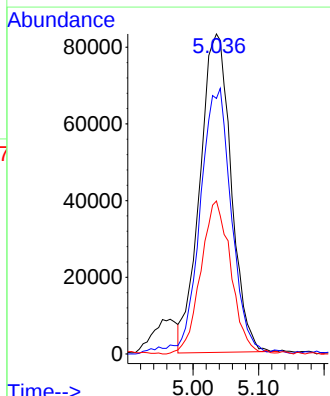
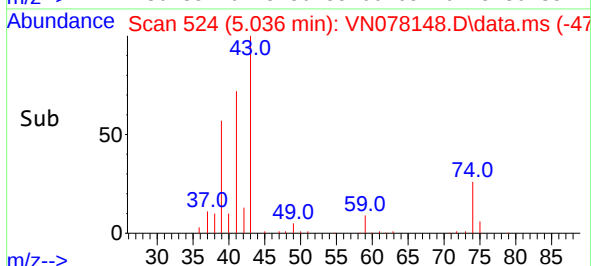
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

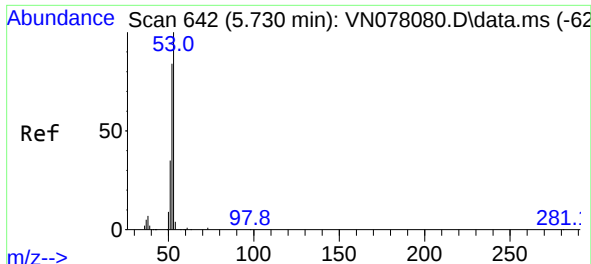


#14
Allyl chloride
Concen: 48.767 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10



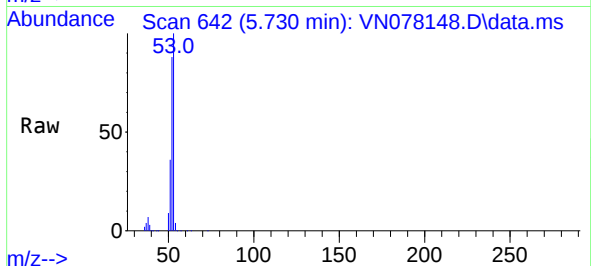
Tgt Ion: 41 Resp: 275114
Ion Ratio Lower Upper
41 100
39 84.2 58.8 88.2
76 46.4 39.1 58.7





#15
Acrylonitrile
Concen: 258.205 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

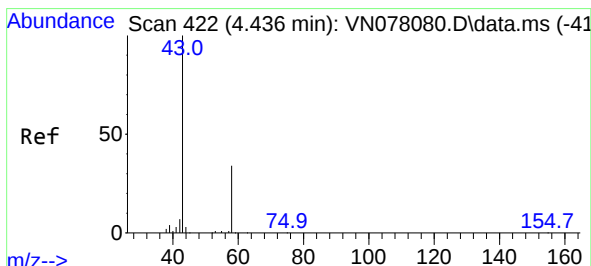
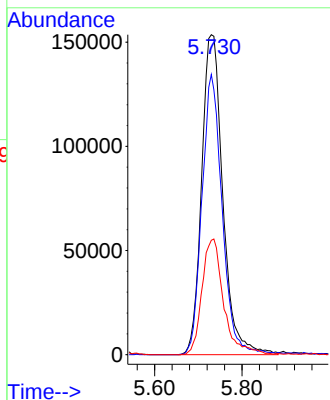
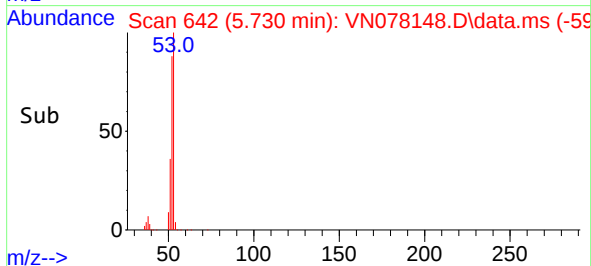
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-698-700MS



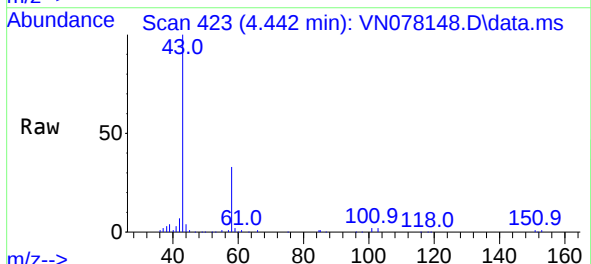
Tgt Ion: 53 Resp: 51866
Ion Ratio Lower Upper
53 100
52 83.7 65.3 97.9
51 36.9 28.9 43.3

Manual Integrations
APPROVED

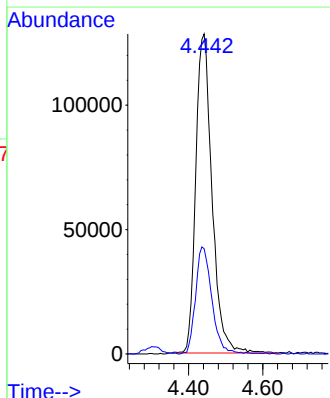
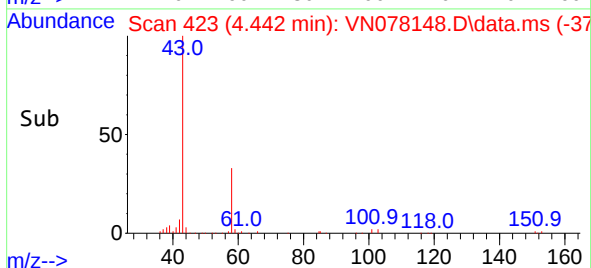
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

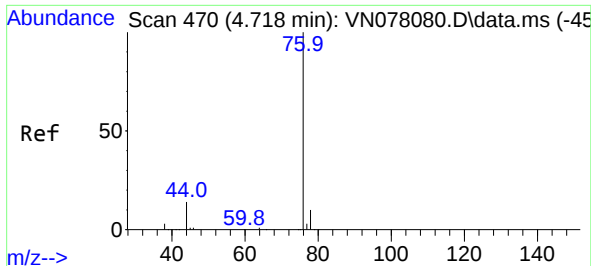


#16
Acetone
Concen: 239.834 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10



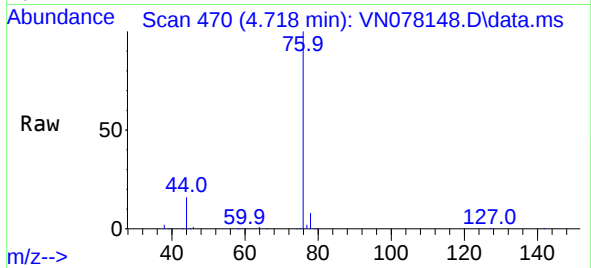
Tgt Ion: 43 Resp: 389533
Ion Ratio Lower Upper
43 100
58 33.0 28.0 42.0





#17
Carbon Disulfide
Concen: 45.165 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

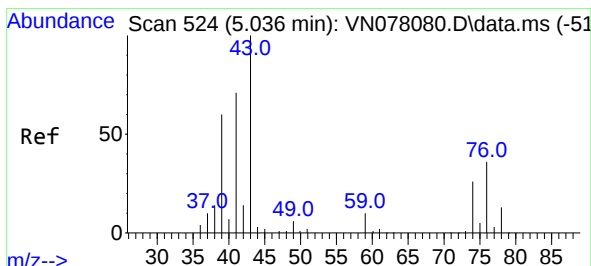
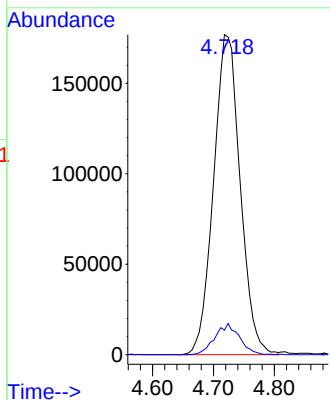
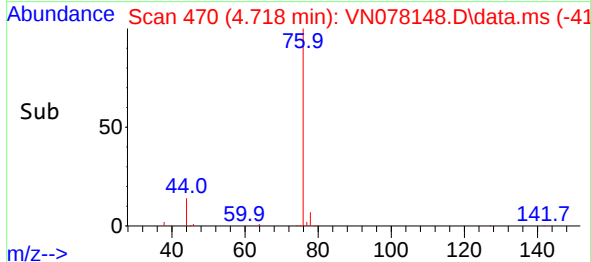
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-698-700MS



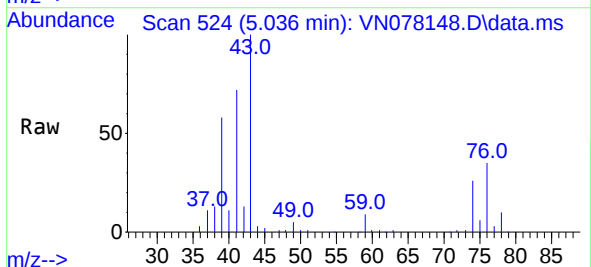
Tgt Ion: 76 Resp: 537250
Ion Ratio Lower Upper
76 100
78 7.7 7.4 11.0

Manual Integrations
APPROVED

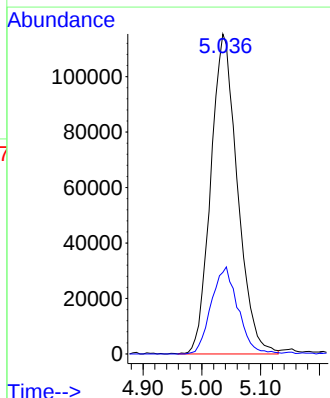
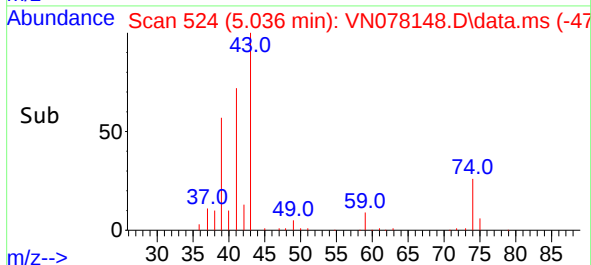
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

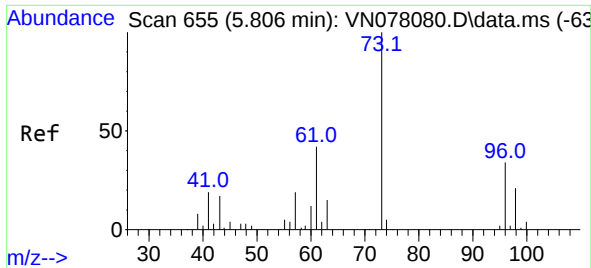


#18
Methyl Acetate
Concen: 48.669 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10



Tgt Ion: 43 Resp: 363928
Ion Ratio Lower Upper
43 100
74 27.2 26.2 39.4





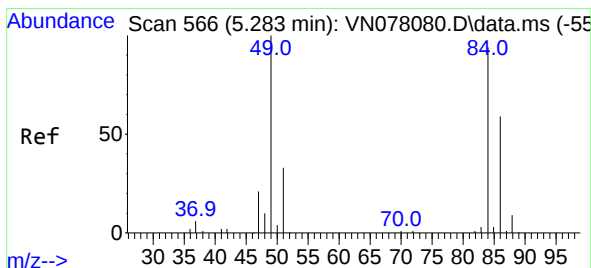
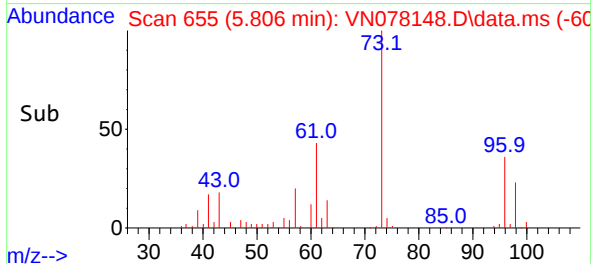
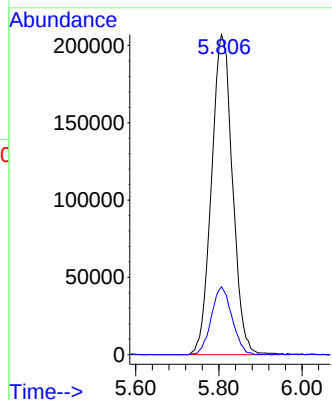
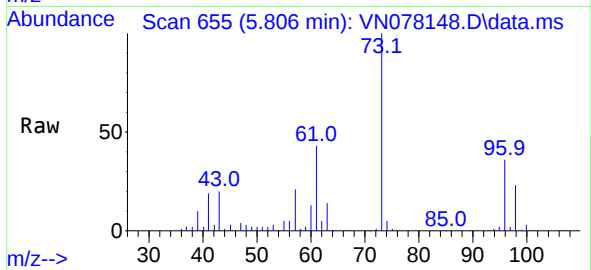
#19
Methyl tert-butyl Ether
Concen: 49.250 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-698-700MS

Tgt Ion: 73 Resp: 72620
Ion Ratio Lower Upper
73 100
57 21.2 15.6 23.4

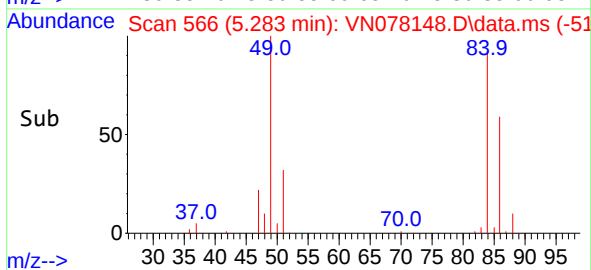
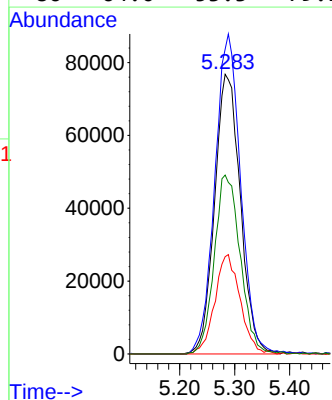
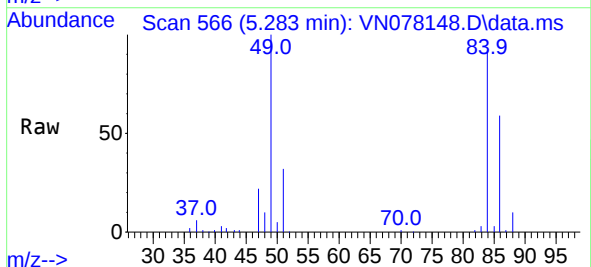
Manual Integrations
APPROVED

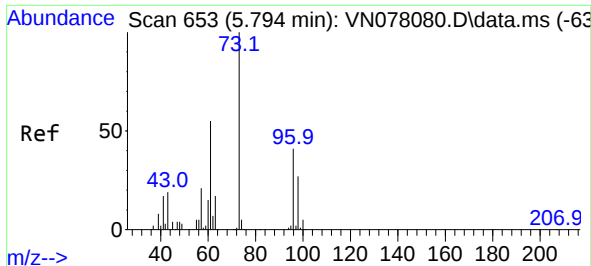
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023



#20
Methylene Chloride
Concen: 46.652 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

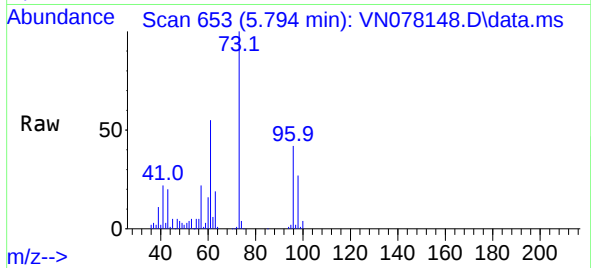
Tgt Ion: 84 Resp: 250390
Ion Ratio Lower Upper
84 100
49 109.0 79.7 119.5
51 34.8 25.2 37.8
86 64.0 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 47.740 ug/l
RT: 5.794 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

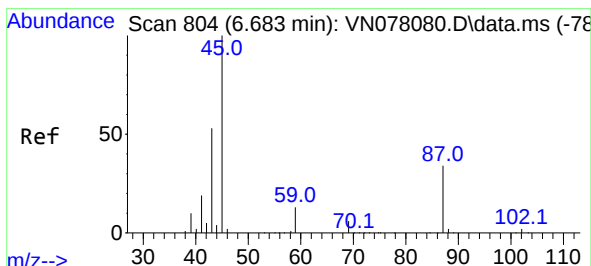
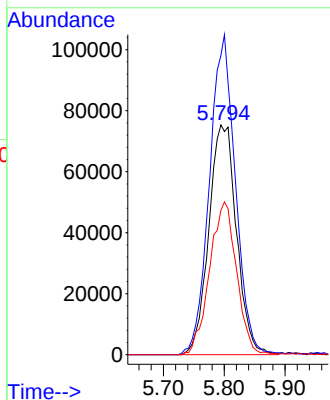
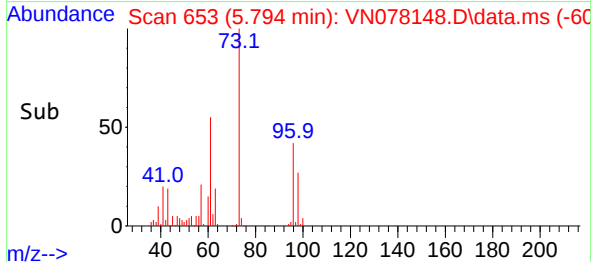
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-698-700MS



Tgt Ion: 96 Resp: 23796
Ion Ratio Lower Upper
96 100
61 130.3 90.1 135.1
98 62.8 46.4 69.6

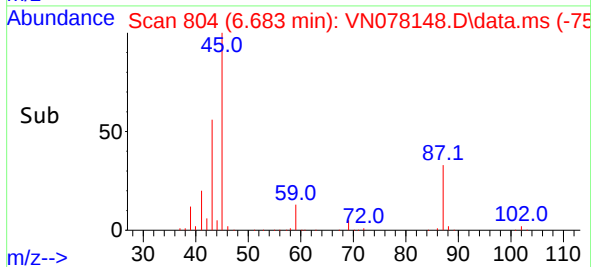
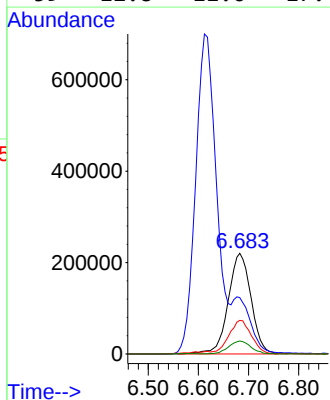
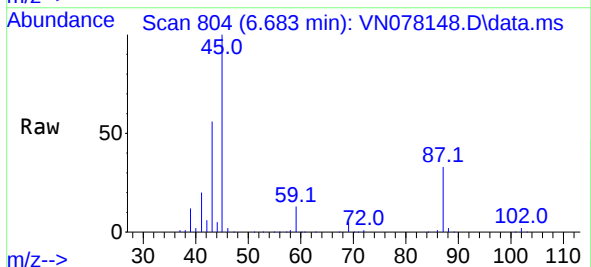
Manual Integrations
APPROVED

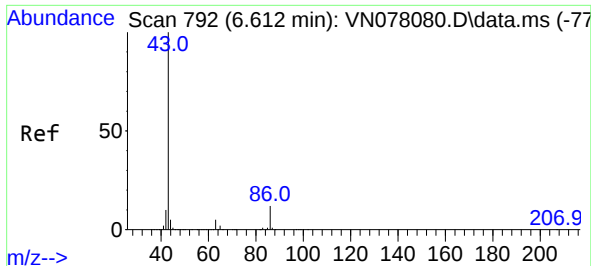
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023



#22
Diisopropyl ether
Concen: 52.519 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

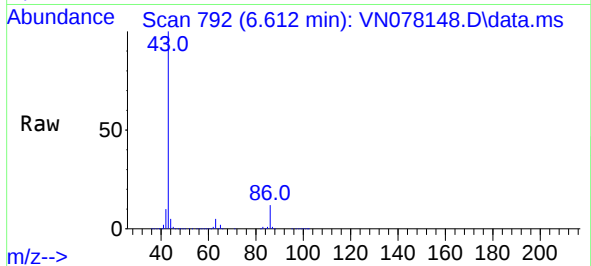
Tgt Ion: 45 Resp: 696932
Ion Ratio Lower Upper
45 100
43 54.6 45.5 68.3
87 33.0 31.8 47.8
59 12.8 11.6 17.4





#23
 Vinyl Acetate
 Concen: 257.694 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078148.D
 Acq: 09 Jun 2023 16:10

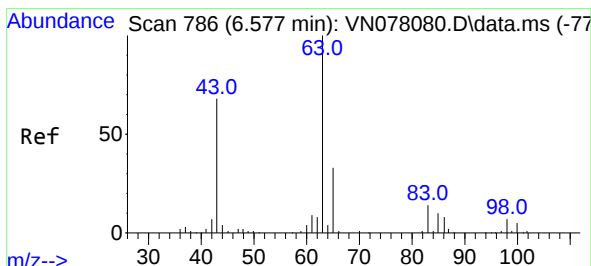
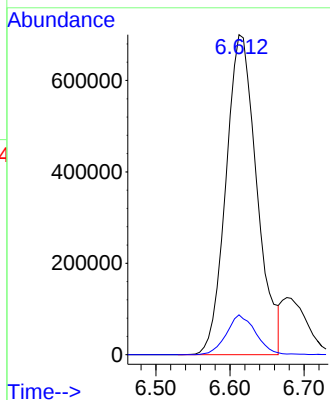
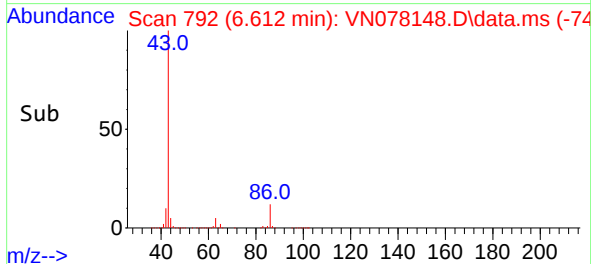
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-698-700MS



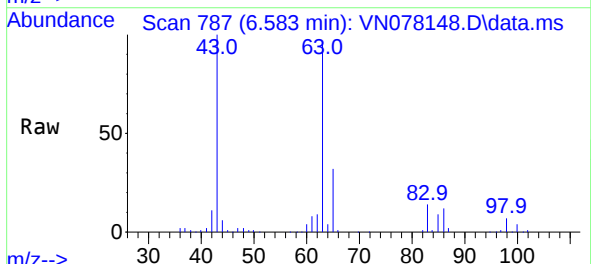
Tgt Ion: 43 Resp: 203275
 Ion Ratio Lower Upper
 43 100
 86 12.4 13.0 19.6

Manual Integrations
 APPROVED

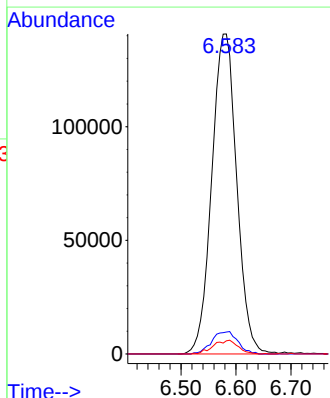
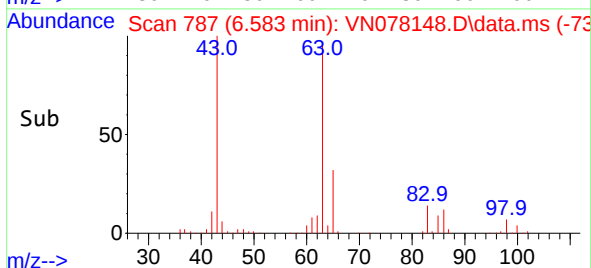
Reviewed By :John Carlone 06/12/2023
 Supervised By :Mahesh Dadoda 06/12/2023

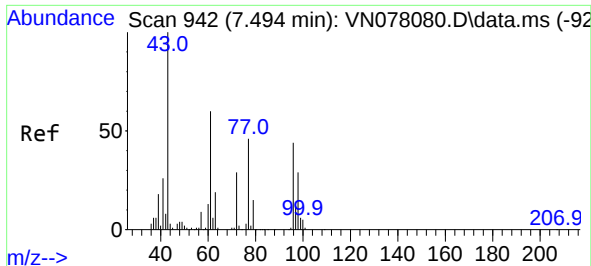


#24
 1,1-Dichloroethane
 Concen: 50.700 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078148.D
 Acq: 09 Jun 2023 16:10



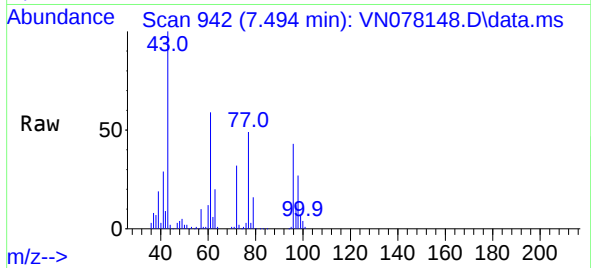
Tgt Ion: 63 Resp: 443824
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.9 11.7
 100 4.1 2.5 7.4





#25
2-Butanone
Concen: 255.145 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

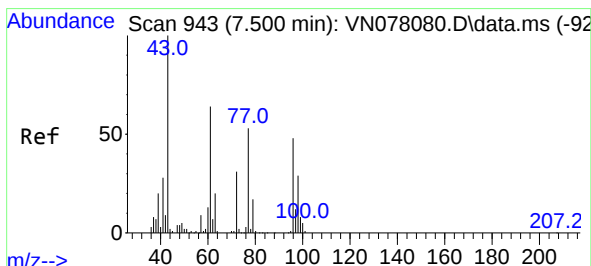
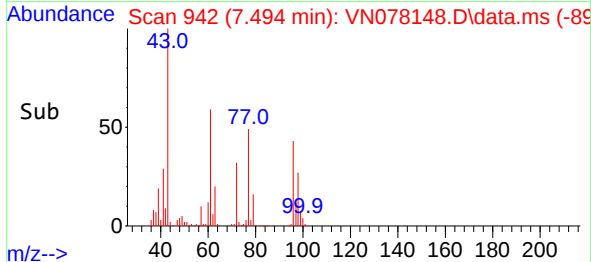
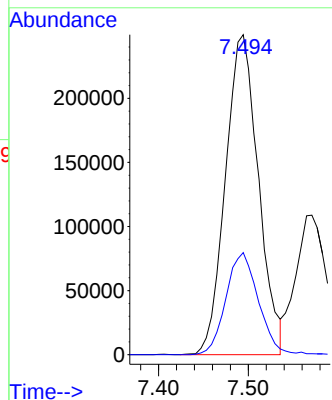
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-698-700MS



Tgt Ion: 43 Resp: 637259
Ion Ratio Lower Upper
43 100
72 31.9 30.2 45.2

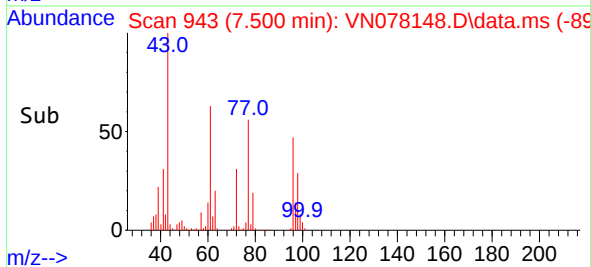
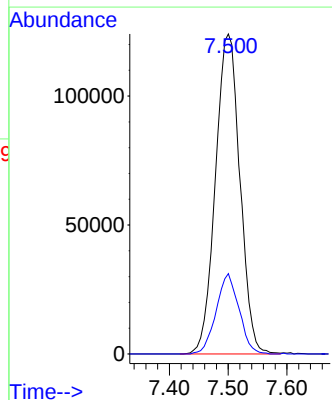
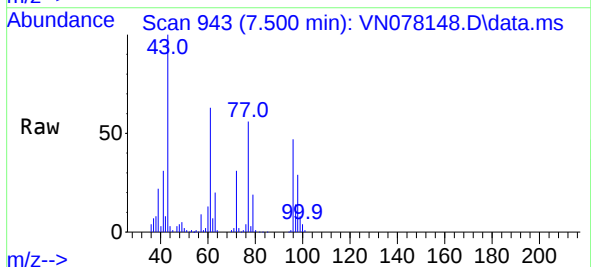
Manual Integrations
APPROVED

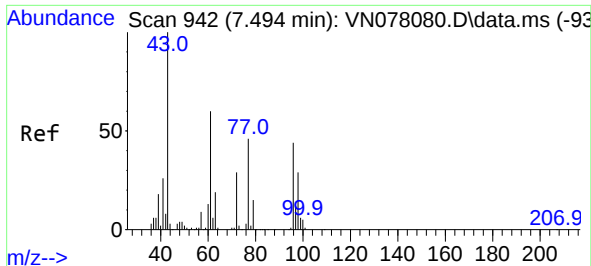
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023



#26
2,2-Dichloropropane
Concen: 55.541 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

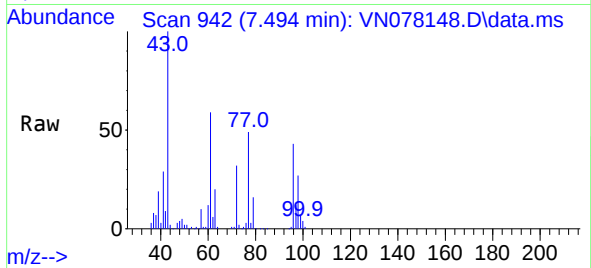
Tgt Ion: 77 Resp: 358995
Ion Ratio Lower Upper
77 100
97 23.4 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 48.462 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078148.D
 Acq: 09 Jun 2023 16:10

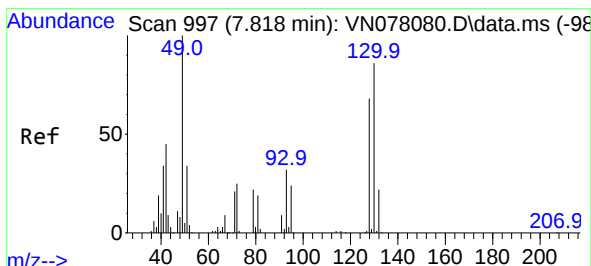
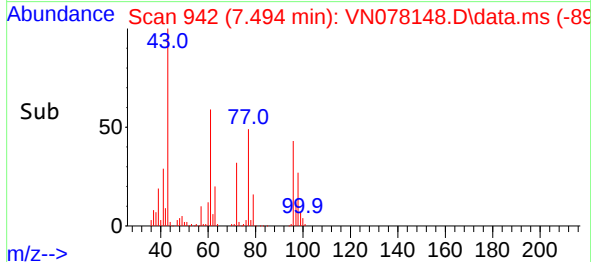
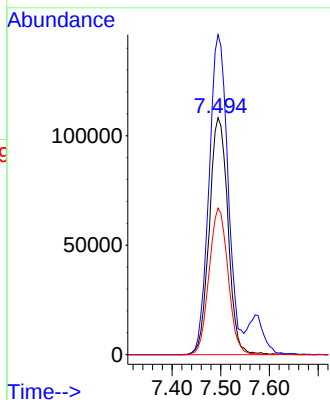
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-698-700MS



Tgt Ion: 96 Resp: 288140
 Ion Ratio Lower Upper
 96 100
 61 137.5 0.0 255.2
 98 63.0 0.0 128.8

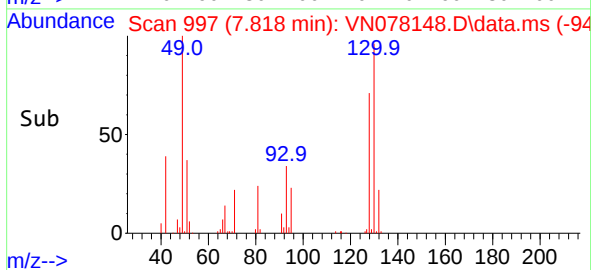
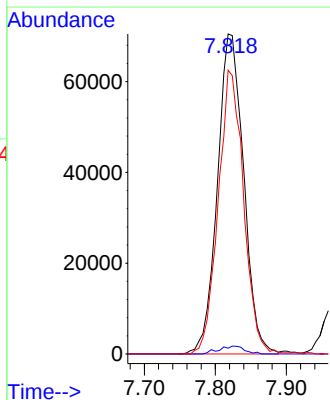
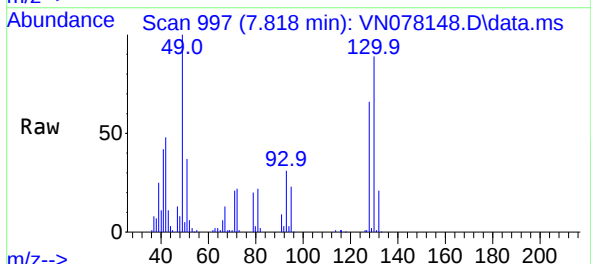
Manual Integrations APPROVED

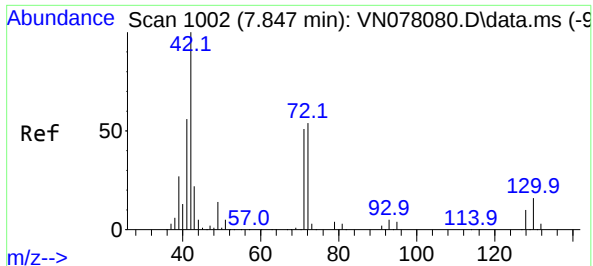
Reviewed By :John Carlone 06/12/2023
 Supervised By :Mahesh Dadoda 06/12/2023



#28
 Bromochloromethane
 Concen: 44.910 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN078148.D
 Acq: 09 Jun 2023 16:10

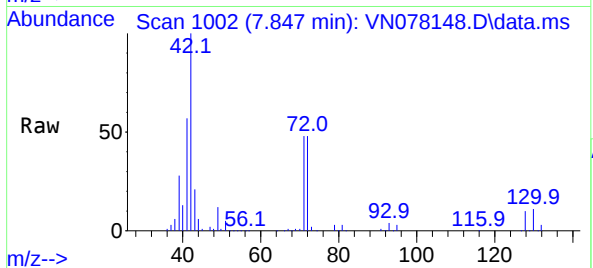
Tgt Ion: 49 Resp: 180505
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 85.6 75.3 112.9





#29
Tetrahydrofuran
Concen: 257.795 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

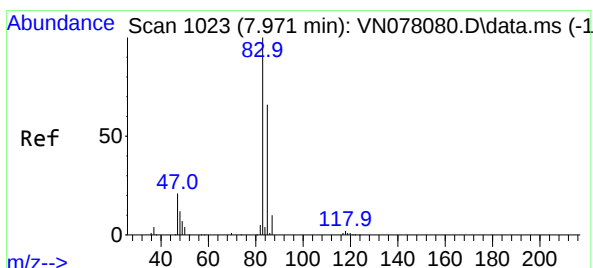
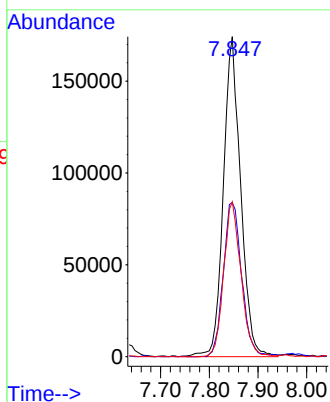
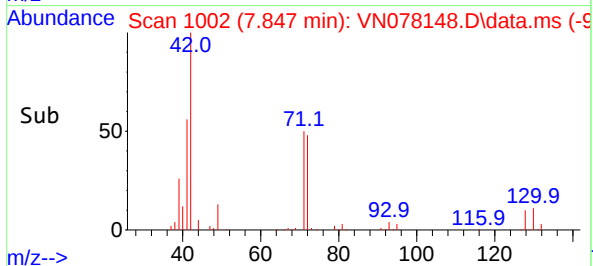
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-698-700MS



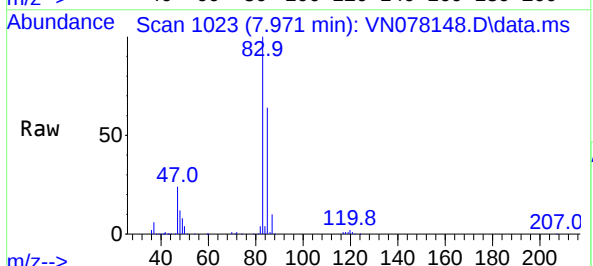
Tgt Ion: 42 Resp: 430430
Ion Ratio Lower Upper
42 100
72 51.0 49.8 74.6
71 48.5 47.4 71.2

Manual Integrations
APPROVED

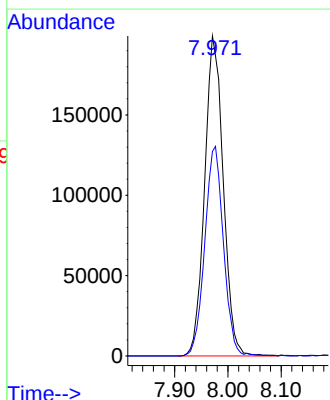
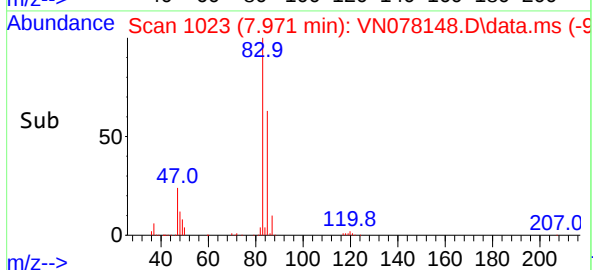
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

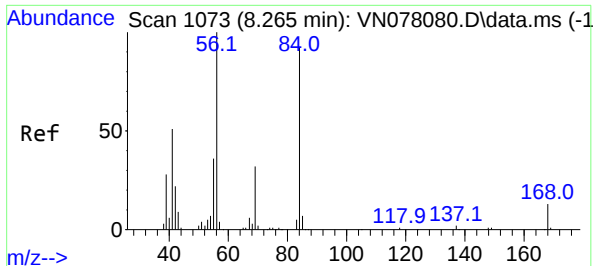


#30
Chloroform
Concen: 51.406 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10



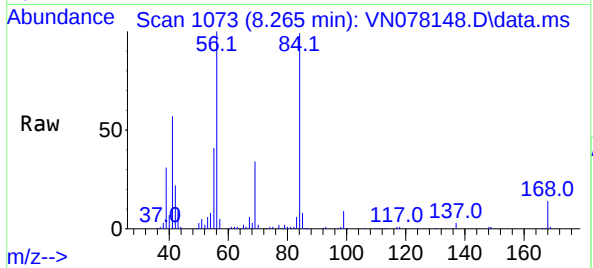
Tgt Ion: 83 Resp: 484567
Ion Ratio Lower Upper
83 100
85 63.9 55.4 83.0





#31
Cyclohexane
Concen: 49.448 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

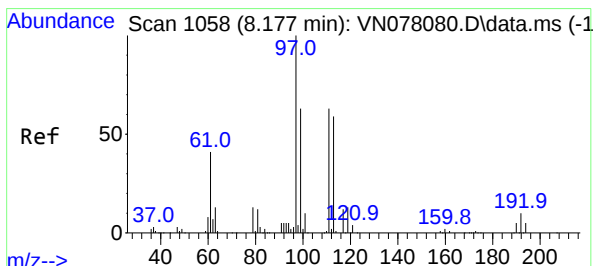
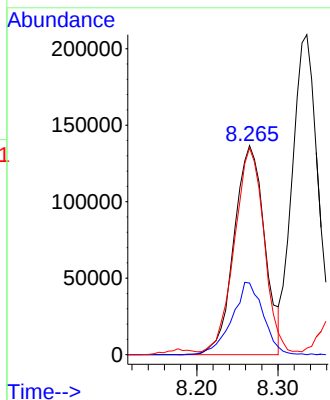
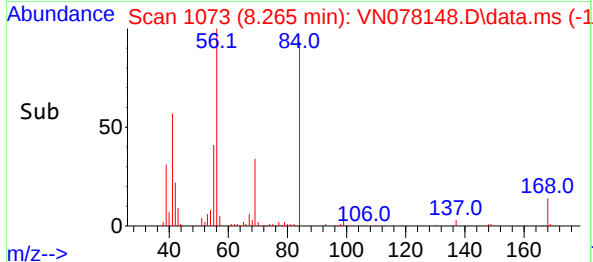
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-698-700MS



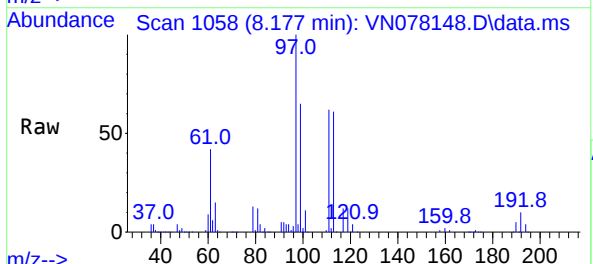
Tgt Ion: 56 Resp: 357923
Ion Ratio Lower Upper
56 100
69 34.3 26.8 40.2
84 96.1 81.8 122.6

Manual Integrations
APPROVED

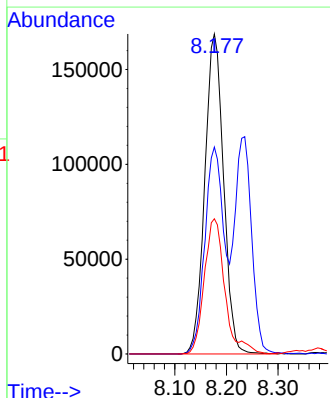
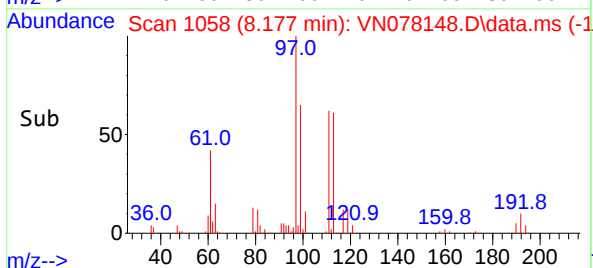
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

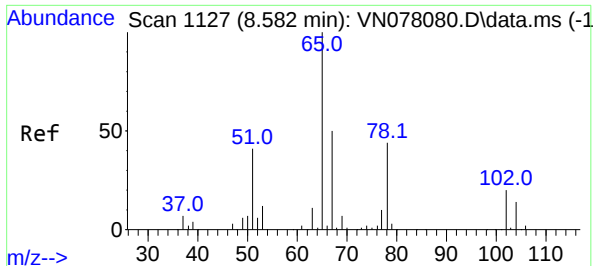


#32
1,1,1-Trichloroethane
Concen: 51.481 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10



Tgt Ion: 97 Resp: 426038
Ion Ratio Lower Upper
97 100
99 66.4 50.3 75.5
61 46.2 34.7 52.1





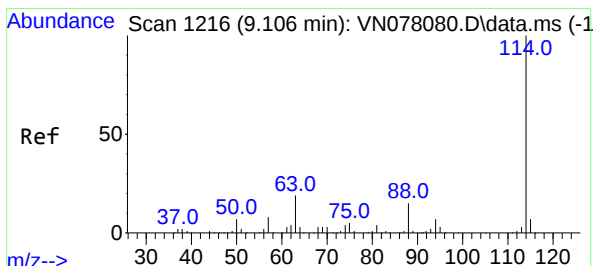
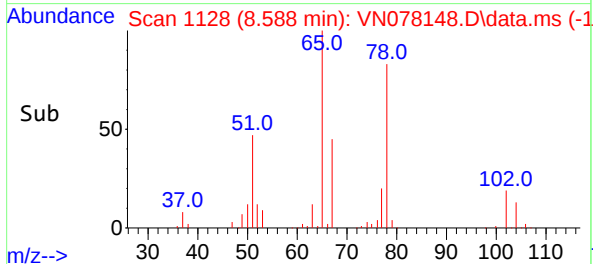
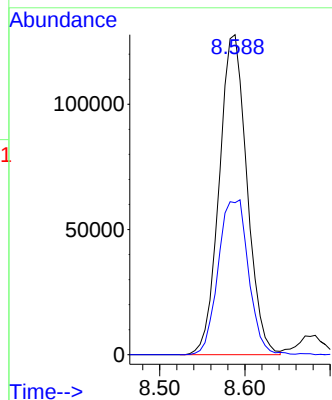
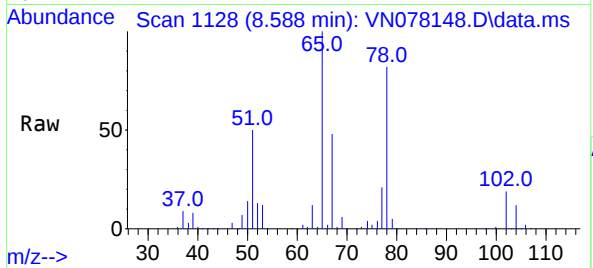
#33
1,2-Dichloroethane-d4
Concen: 51.155 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-698-700MS

Tgt Ion: 65 Resp: 28865
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.6

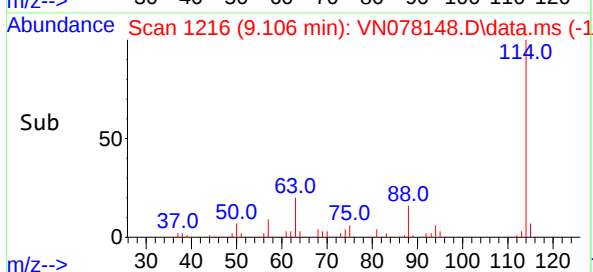
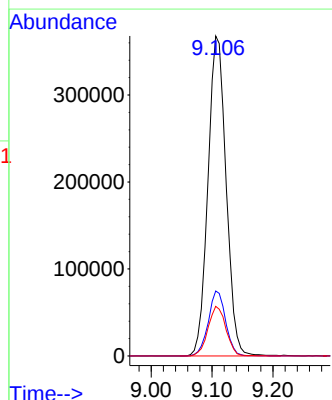
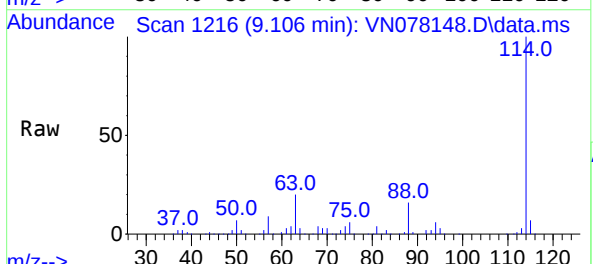
Manual Integrations
APPROVED

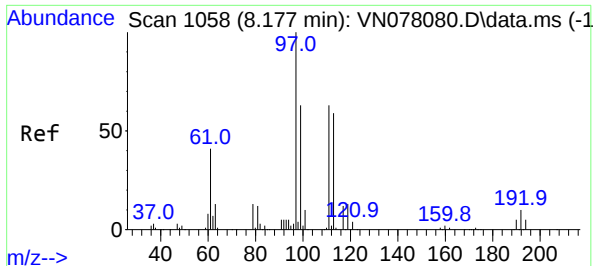
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

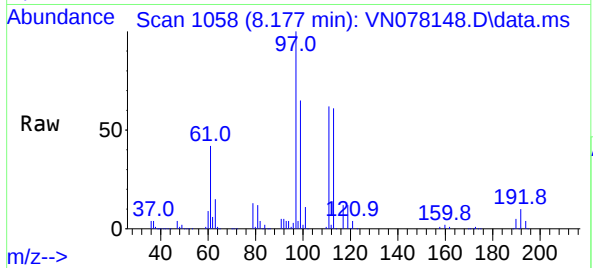
Tgt Ion:114 Resp: 761519
Ion Ratio Lower Upper
114 100
63 20.3 0.0 36.4
88 15.5 0.0 30.6





#35
Dibromofluoromethane
Concen: 50.120 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

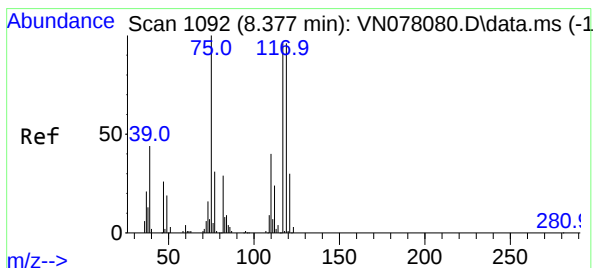
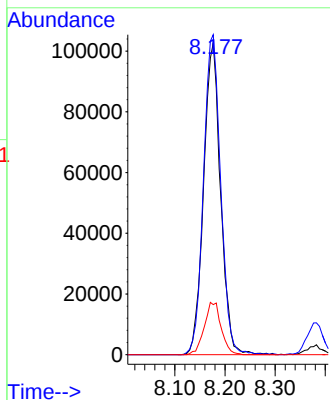
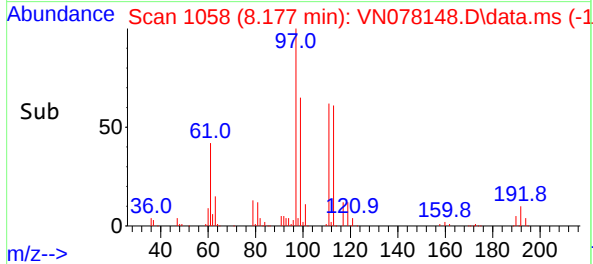
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-698-700MS



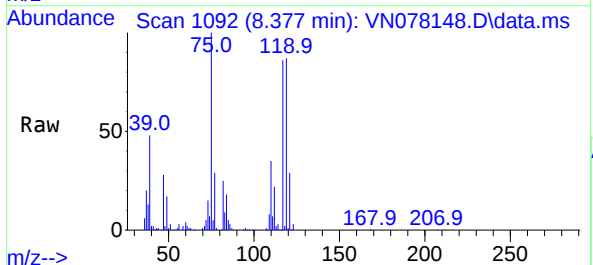
Tgt Ion:113 Resp: 24132
Ion Ratio Lower Upper
113 100
111 103.9 82.6 123.8
192 16.7 12.7 19.1

Manual Integrations
APPROVED

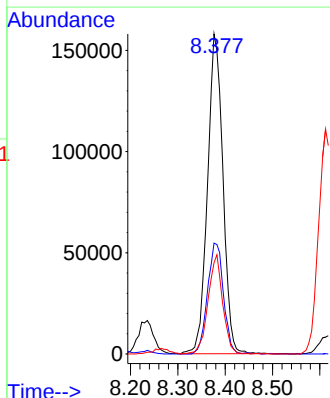
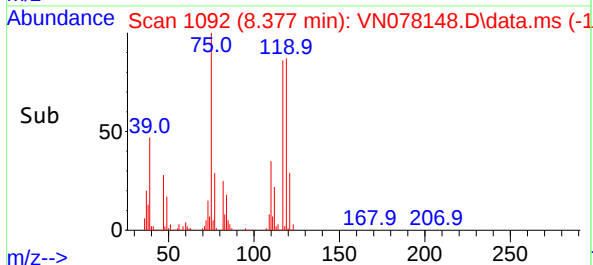
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

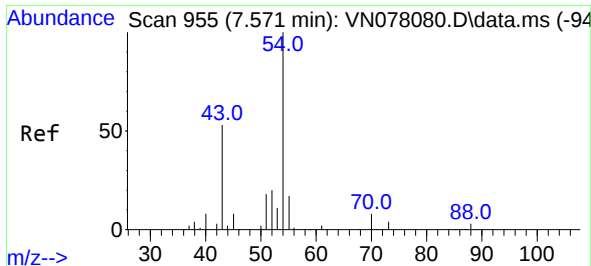


#36
1,1-Dichloropropene
Concen: 51.744 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10



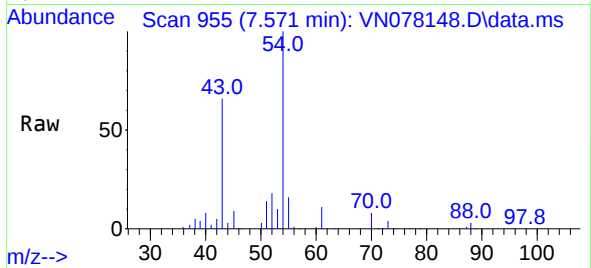
Tgt Ion: 75 Resp: 357369
Ion Ratio Lower Upper
75 100
110 35.7 19.1 57.3
77 29.4 25.0 37.4





#37
Ethyl Acetate
Concen: 51.139 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

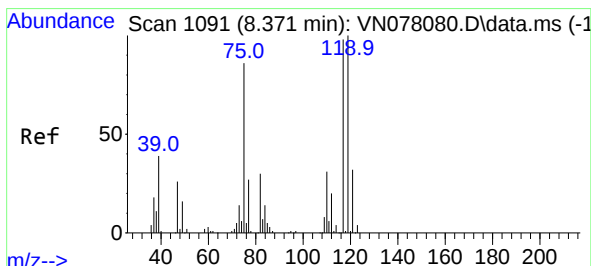
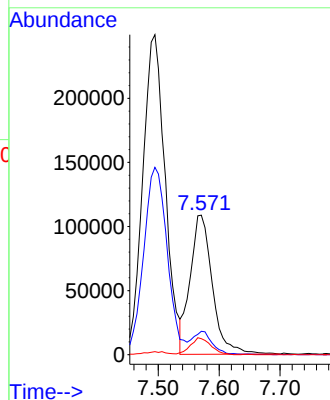
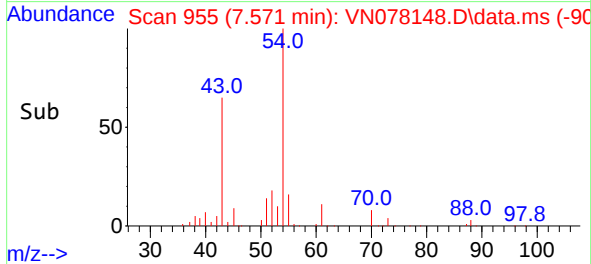
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-698-700MS



Tgt Ion: 43 Resp: 275910
Ion Ratio Lower Upper
43 100
61 14.3 13.2 19.8
70 11.1 11.3 16.9

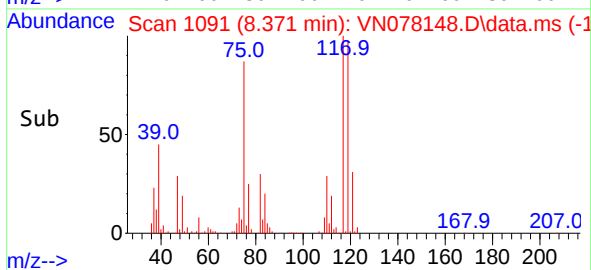
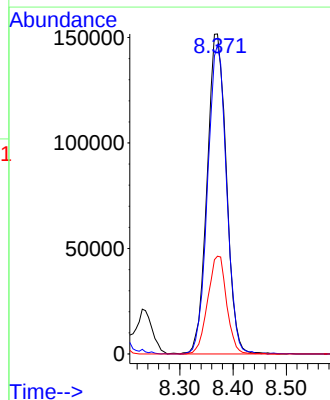
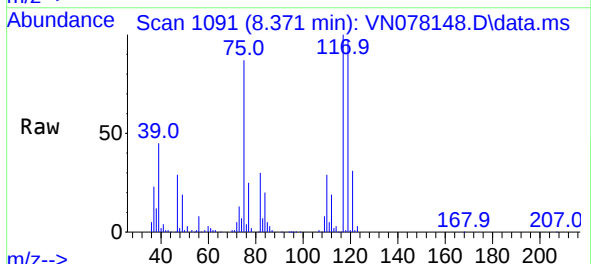
Manual Integrations
APPROVED

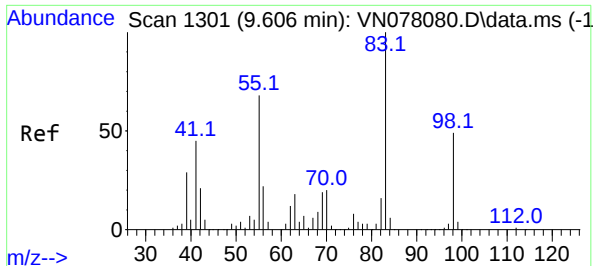
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023



#38
Carbon Tetrachloride
Concen: 52.177 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

Tgt Ion:117 Resp: 380507
Ion Ratio Lower Upper
117 100
119 96.5 77.3 115.9
121 30.5 23.3 34.9





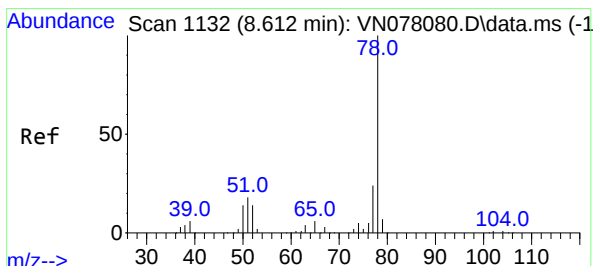
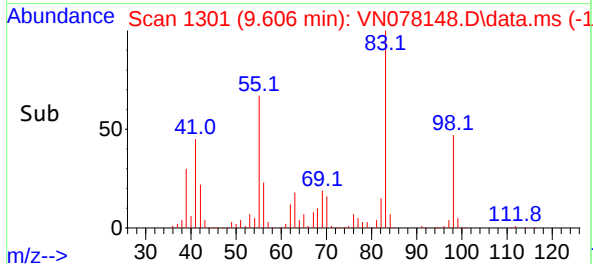
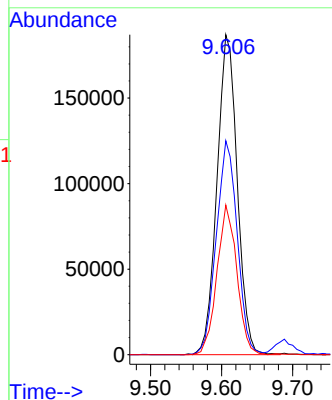
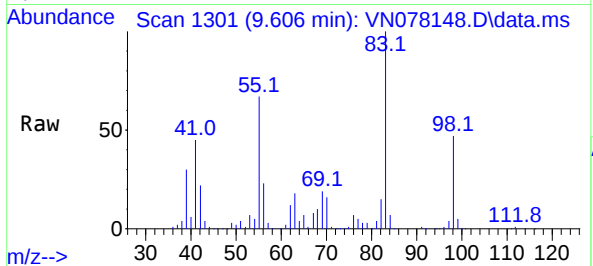
#39
Methylcyclohexane
Concen: 51.768 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-698-700MS

Tgt Ion: 83 Resp: 37052
Ion Ratio Lower Upper
83 100
55 66.8 49.1 73.7
98 46.8 40.6 61.0

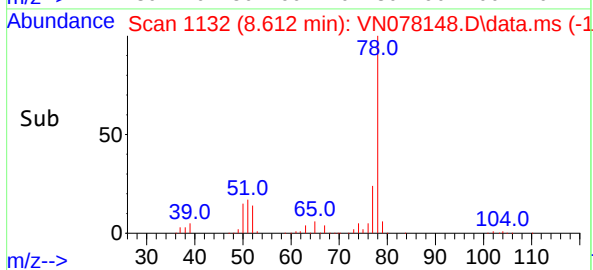
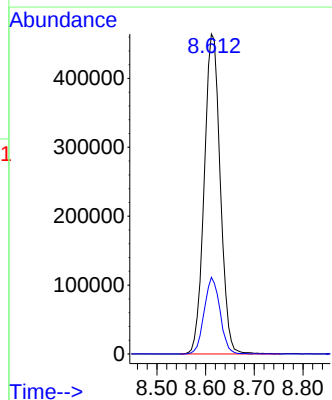
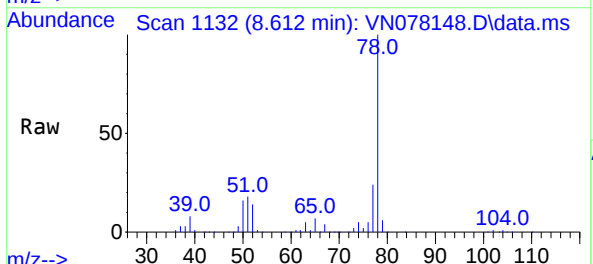
Manual Integrations
APPROVED

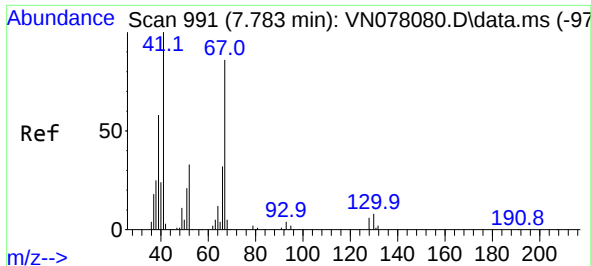
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023



#40
Benzene
Concen: 51.385 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

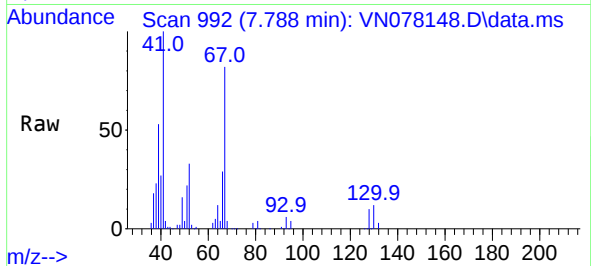
Tgt Ion: 78 Resp: 1059508
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6





#41
Methacrylonitrile
Concen: 53.765 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

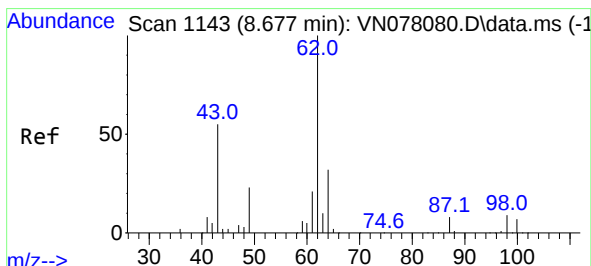
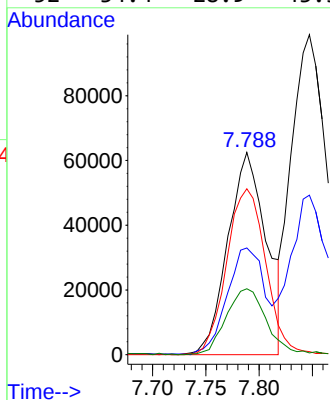
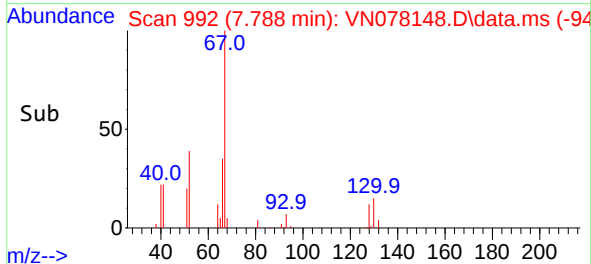
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-698-700MS



Tgt Ion: 41 Resp: 157235
Ion Ratio Lower Upper
41 100
39 50.7 42.6 64.0
67 83.5 77.5 116.3
52 34.4 28.9 43.3

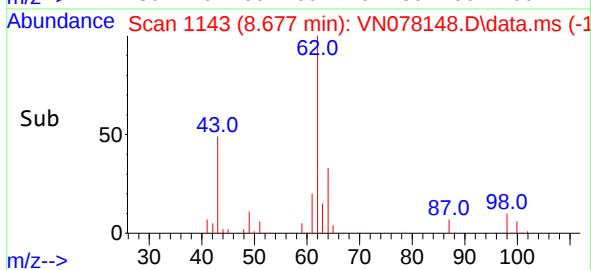
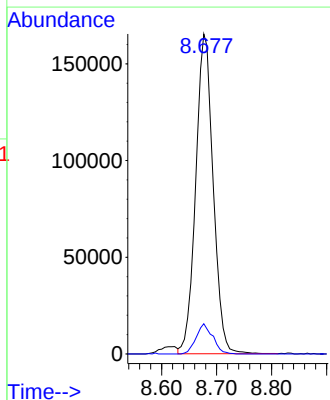
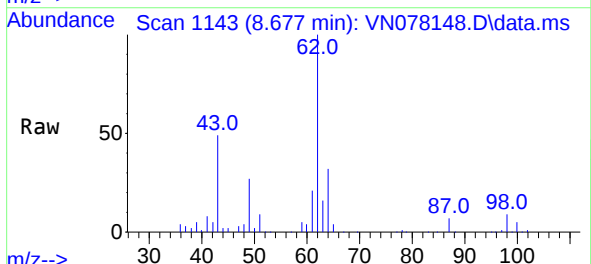
Manual Integrations
APPROVED

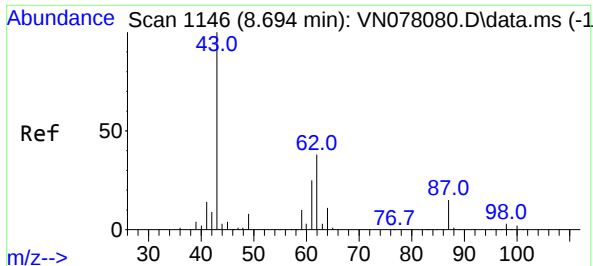
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023



#42
1,2-Dichloroethane
Concen: 51.579 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

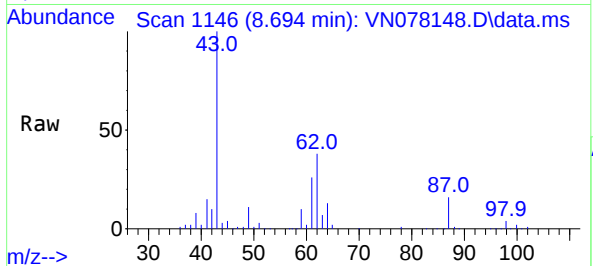
Tgt Ion: 62 Resp: 364641
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.8





#43
Isopropyl Acetate
Concen: 46.169 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

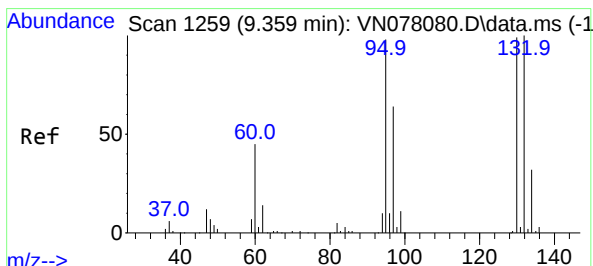
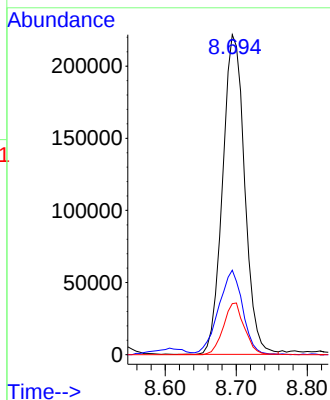
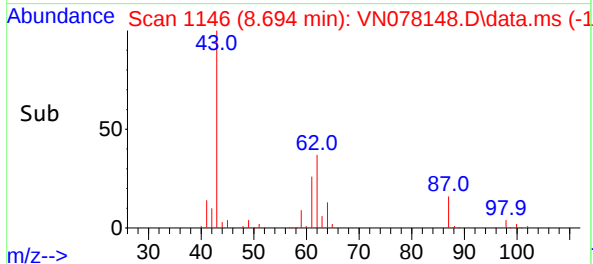
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-698-700MS



Tgt Ion: 43 Resp: 476390
Ion Ratio Lower Upper
43 100
61 29.1 24.7 37.1
87 15.5 14.6 21.8

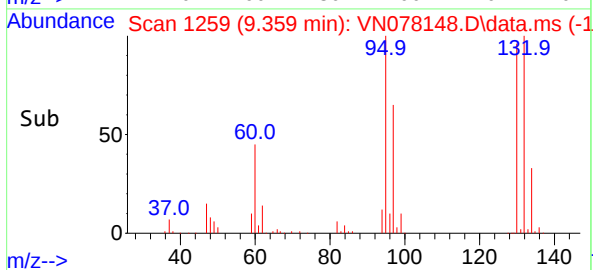
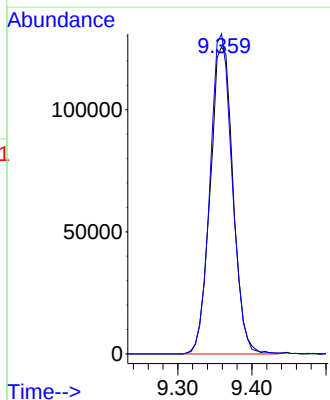
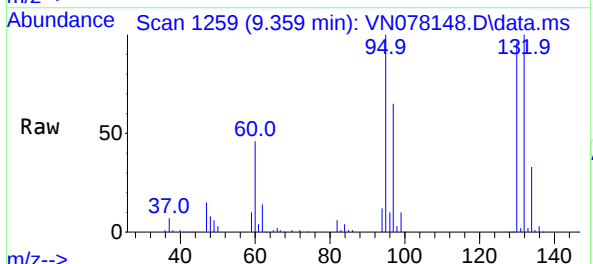
Manual Integrations
APPROVED

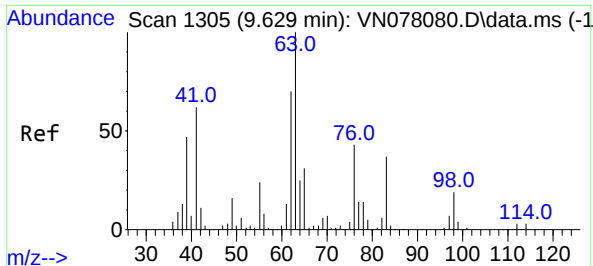
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023



#44
Trichloroethene
Concen: 49.519 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

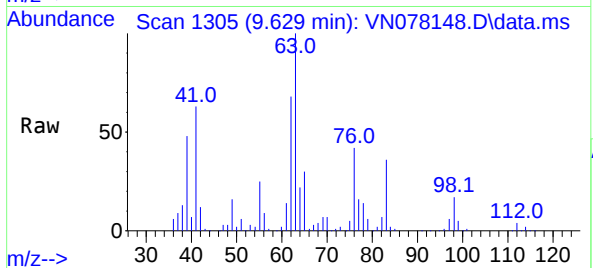
Tgt Ion:130 Resp: 269642
Ion Ratio Lower Upper
130 100
95 104.2 0.0 204.6





#45
1,2-Dichloropropane
Concen: 52.396 ug/l
RT: 9.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

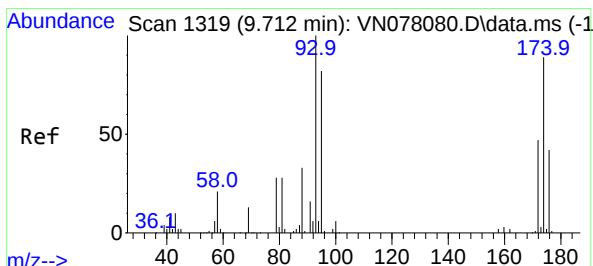
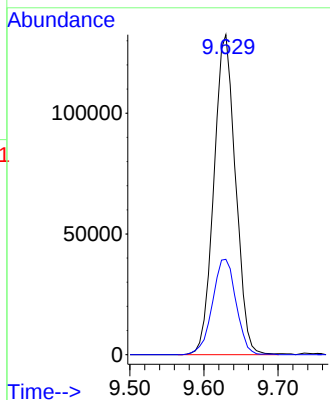
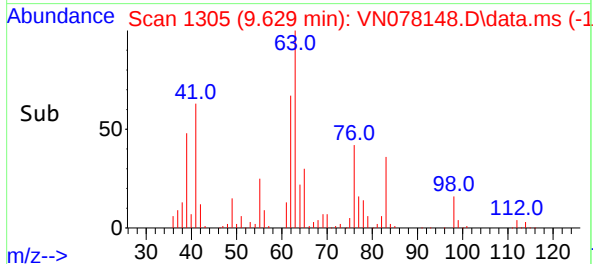
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-698-700MS



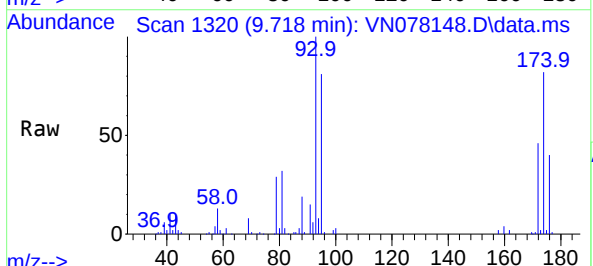
Tgt Ion: 63 Resp: 268794
Ion Ratio Lower Upper
63 100
65 29.8 23.9 35.9

Manual Integrations
APPROVED

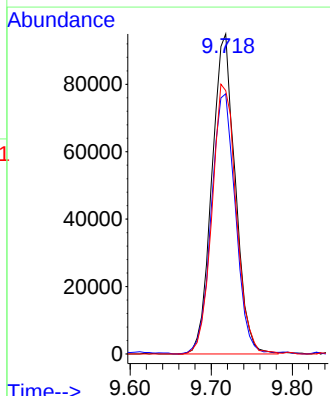
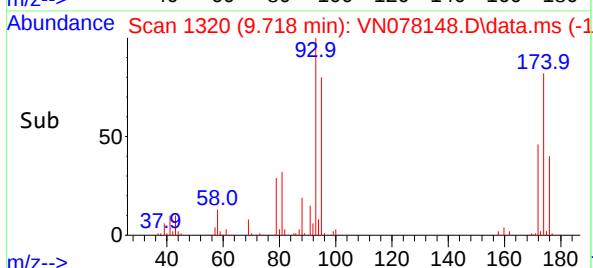
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

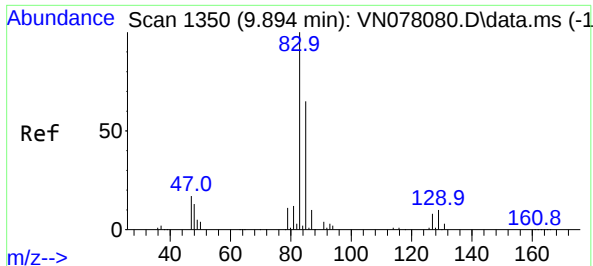


#46
Dibromomethane
Concen: 50.162 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10



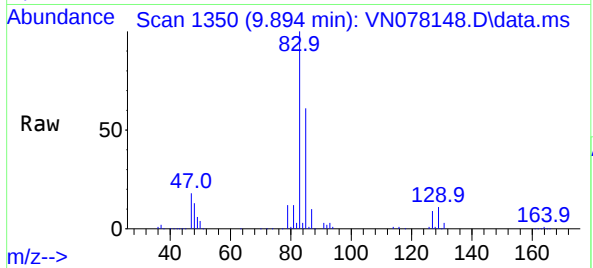
Tgt Ion: 93 Resp: 189543
Ion Ratio Lower Upper
93 100
95 84.1 63.8 95.8
174 87.4 65.6 98.4





#47
Bromodichloromethane
Concen: 54.281 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

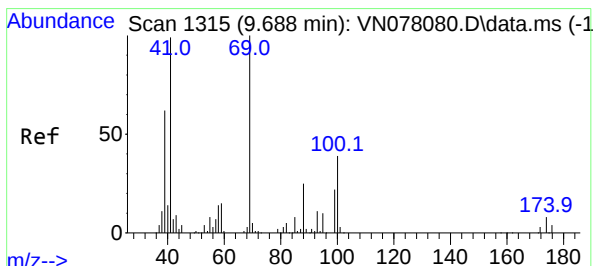
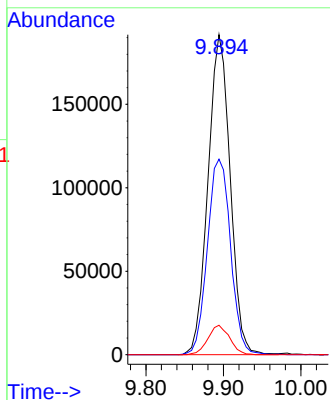
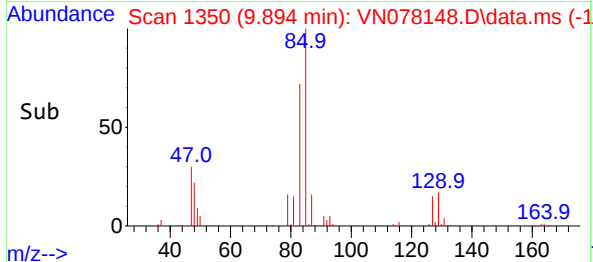
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-698-700MS



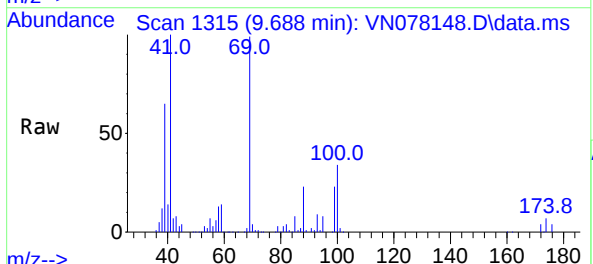
Tgt Ion: 83 Resp: 38099
Ion Ratio Lower Upper
83 100
85 61.1 49.6 74.4
127 9.2 7.0 10.6

Manual Integrations
APPROVED

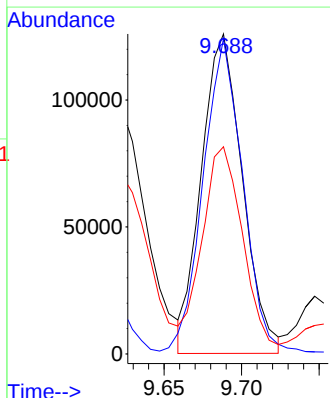
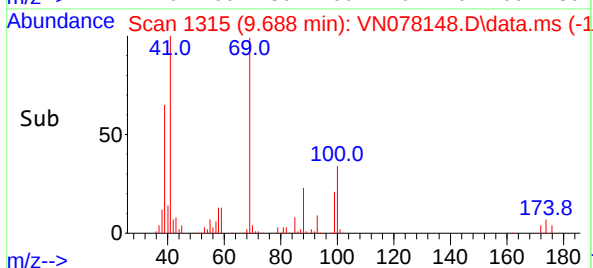
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

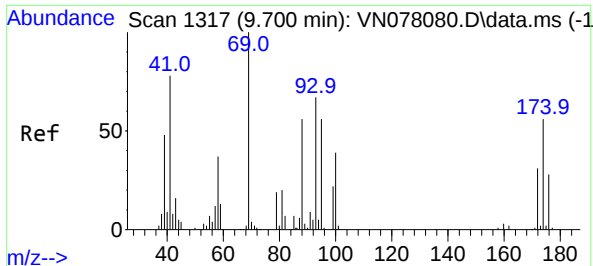


#48
Methyl methacrylate
Concen: 53.409 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10



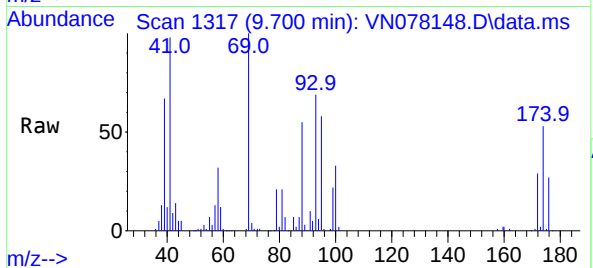
Tgt Ion: 41 Resp: 231269
Ion Ratio Lower Upper
41 100
69 96.5 90.4 135.6
39 64.7 54.6 81.8





#49
1,4-Dioxane
Concen: 921.702 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

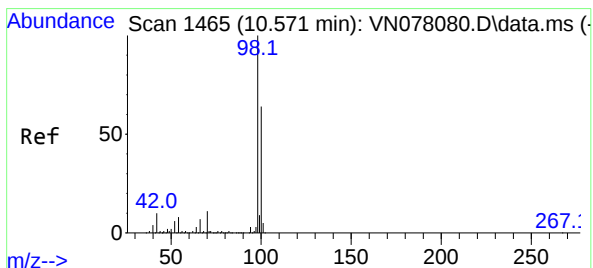
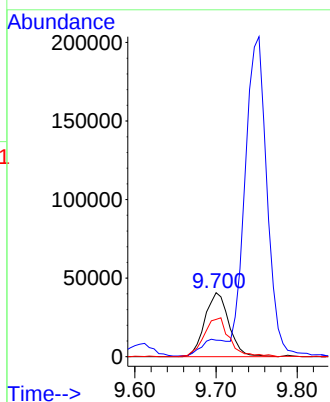
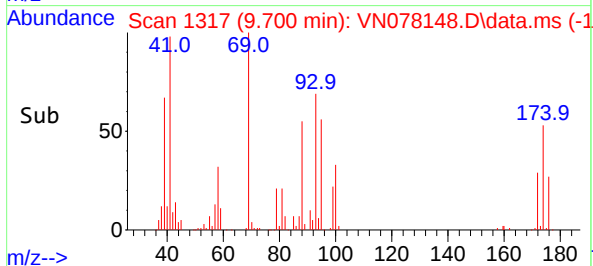
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-698-700MS



Tgt Ion: 88 Resp: 8388
Ion Ratio Lower Upper
88 100
43 25.9 17.0 25.6
58 64.5 47.0 70.4

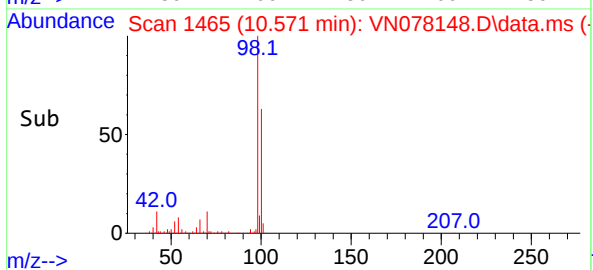
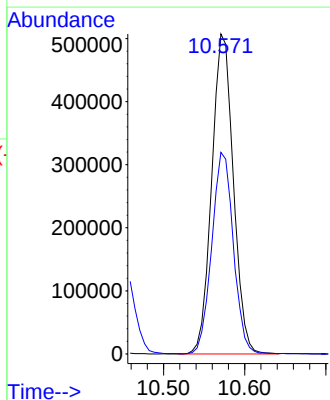
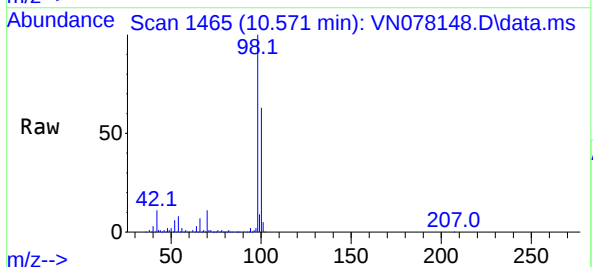
Manual Integrations
APPROVED

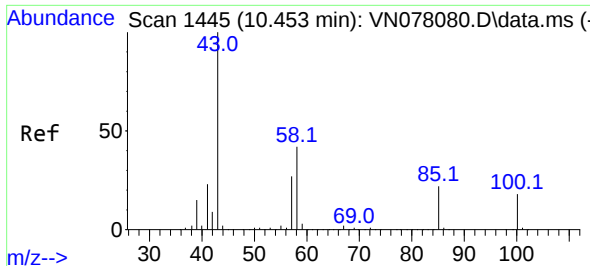
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023



#50
Toluene-d8
Concen: 50.515 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

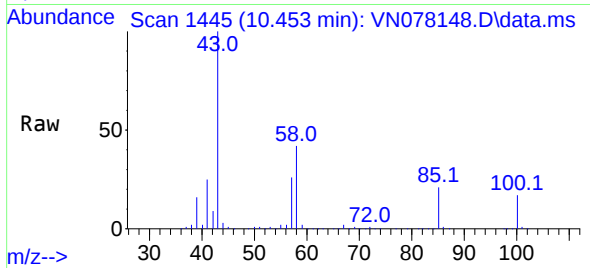
Tgt Ion: 98 Resp: 937677
Ion Ratio Lower Upper
98 100
100 62.9 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 267.314 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

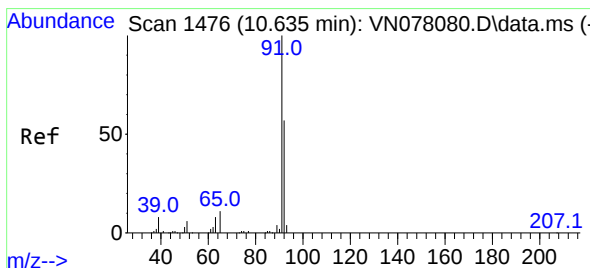
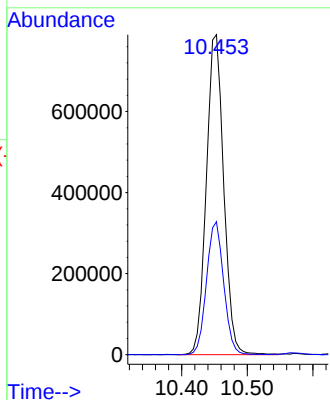
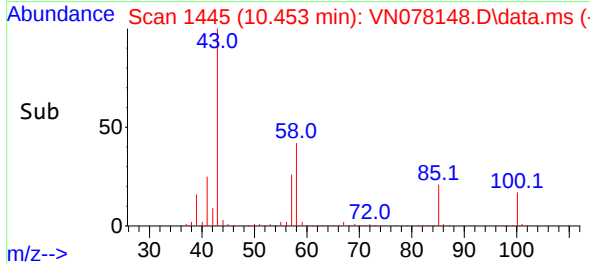
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-698-700MS



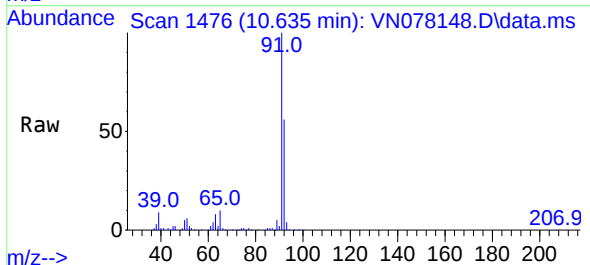
Tgt Ion: 43 Resp: 1452469
Ion Ratio Lower Upper
43 100
58 41.2 36.6 54.8

Manual Integrations
APPROVED

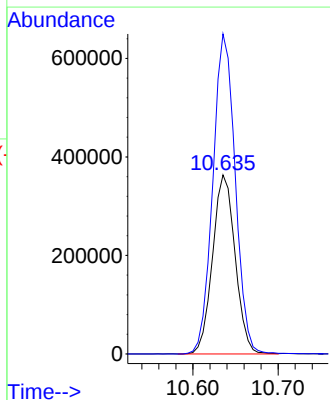
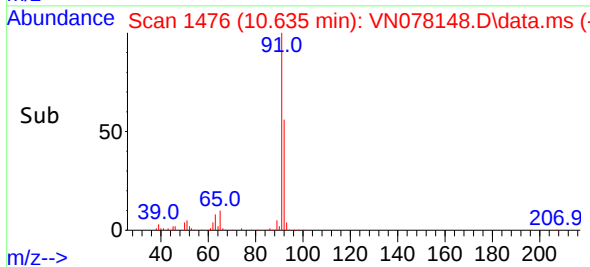
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

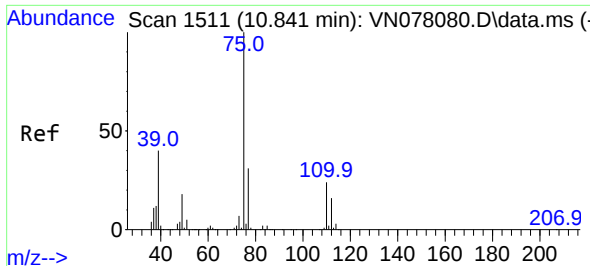


#52
Toluene
Concen: 51.352 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10



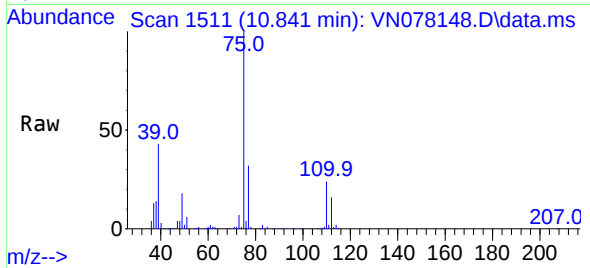
Tgt Ion: 92 Resp: 668512
Ion Ratio Lower Upper
92 100
91 177.9 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 54.017 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

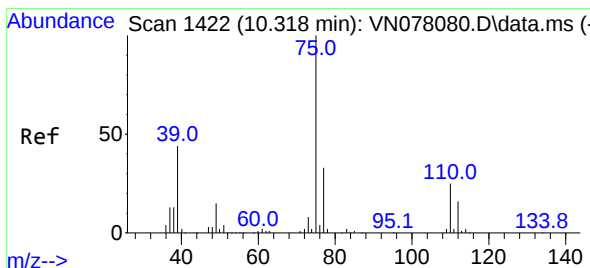
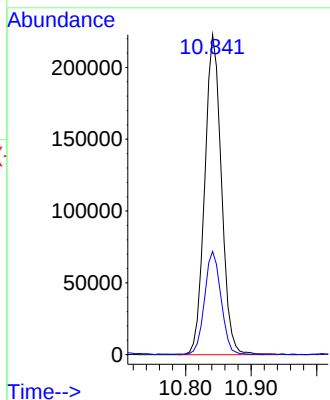
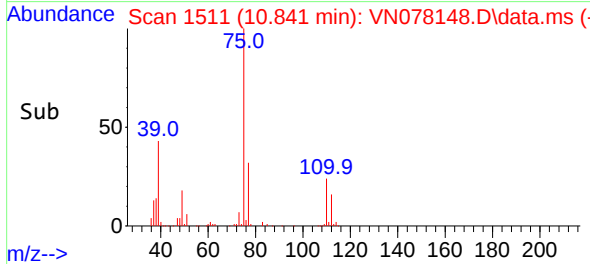
Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW11-GW-698-700MS



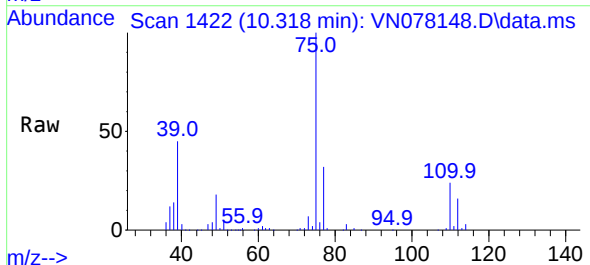
Tgt Ion: 75 Resp: 394852
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0

Manual Integrations
APPROVED

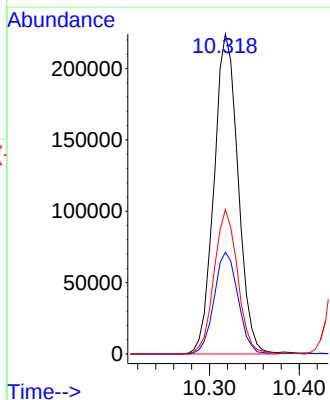
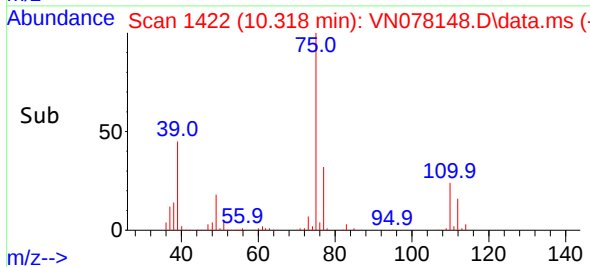
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

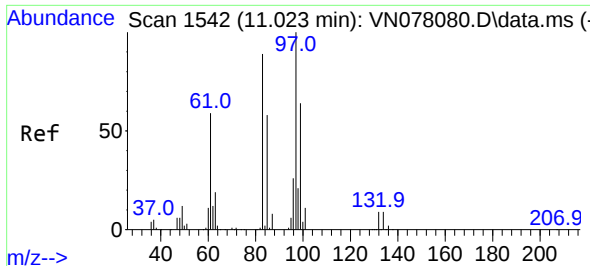


#54
cis-1,3-Dichloropropene
Concen: 51.661 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10



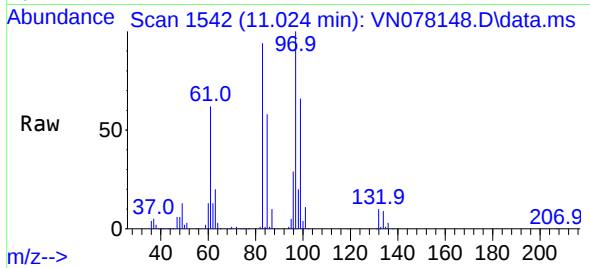
Tgt Ion: 75 Resp: 417440
Ion Ratio Lower Upper
75 100
77 31.8 26.1 39.1
39 45.1 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 53.272 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

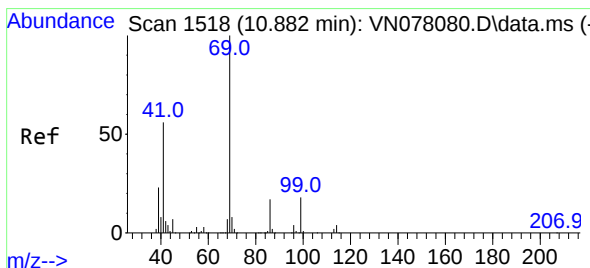
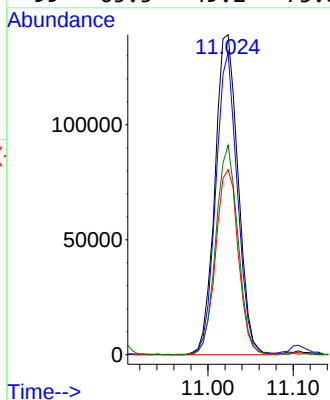
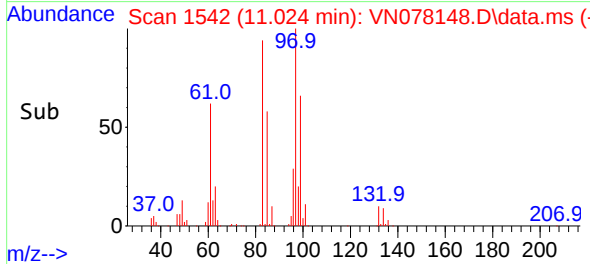
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-698-700MS



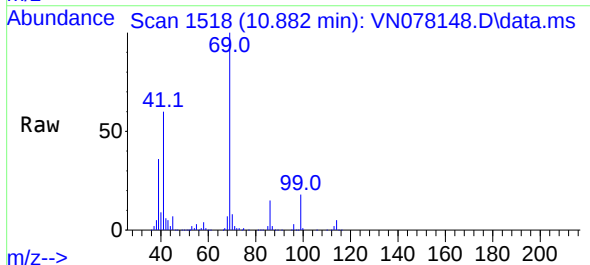
Tgt Ion: 97 Resp: 262345
Ion Ratio Lower Upper
97 100
83 94.4 65.1 97.7
85 57.7 43.4 65.2
99 65.5 49.2 73.8

Manual Integrations
APPROVED

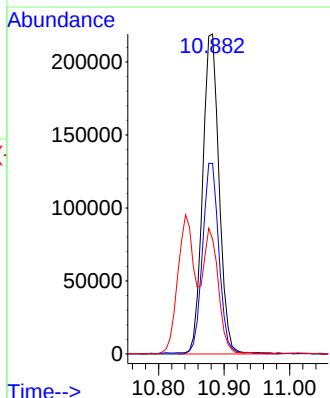
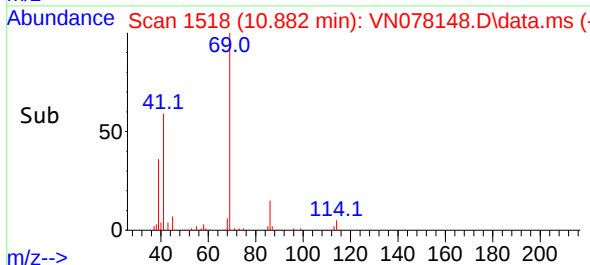
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

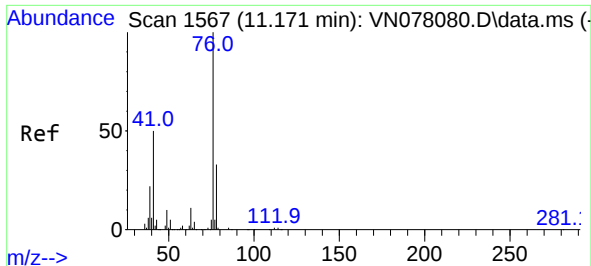


#56
Ethyl methacrylate
Concen: 53.454 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10



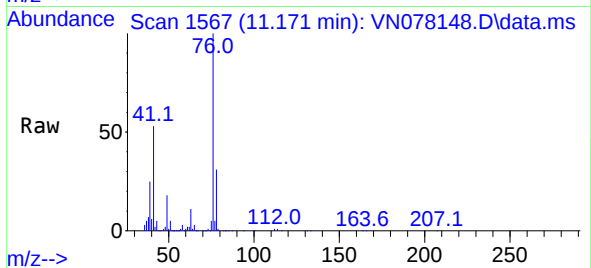
Tgt Ion: 69 Resp: 383302
Ion Ratio Lower Upper
69 100
41 60.1 39.6 59.4#
39 37.0 28.6 43.0





#57
1,3-Dichloropropane
Concen: 53.133 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

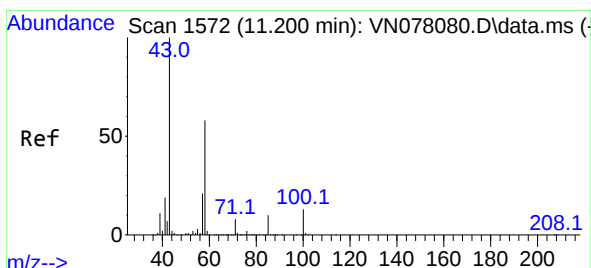
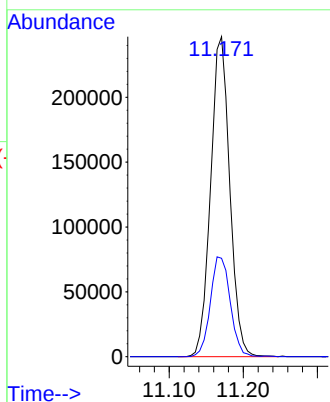
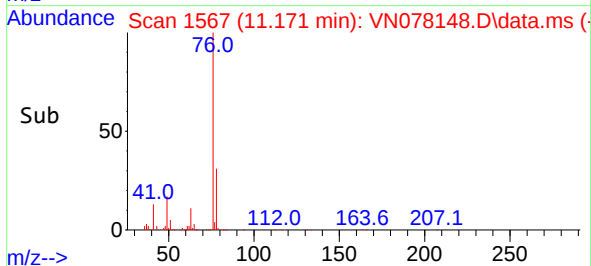
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-698-700MS



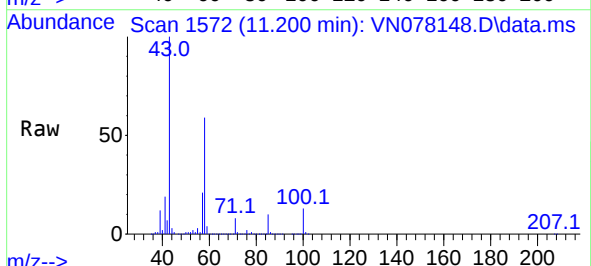
Tgt Ion: 76 Resp: 44167
Ion Ratio Lower Upper
76 100
78 32.5 26.1 39.1

Manual Integrations
APPROVED

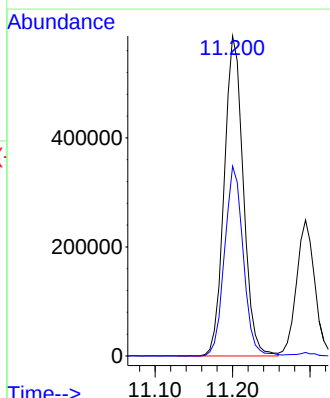
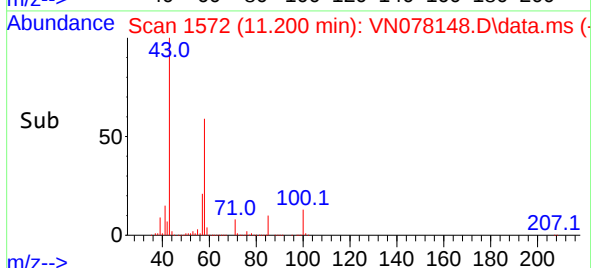
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

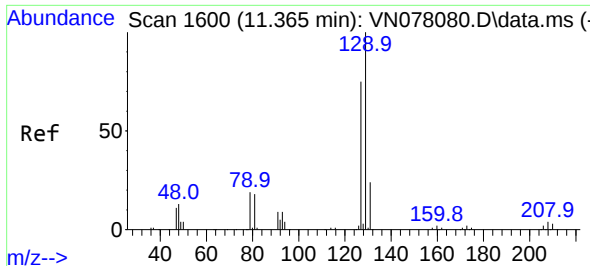


#59
2-Hexanone
Concen: 265.645 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10



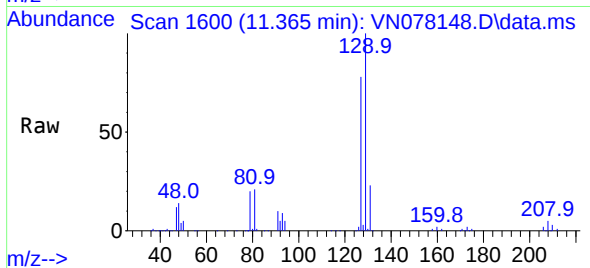
Tgt Ion: 43 Resp: 1005025
Ion Ratio Lower Upper
43 100
58 58.1 31.7 95.1





#60
Dibromochloromethane
Concen: 54.092 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

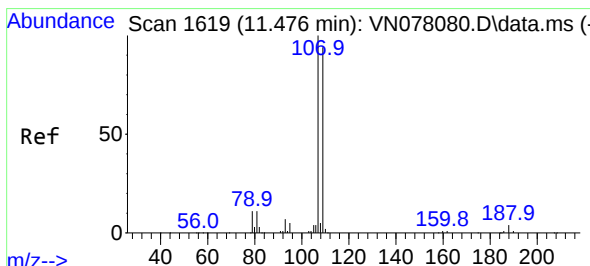
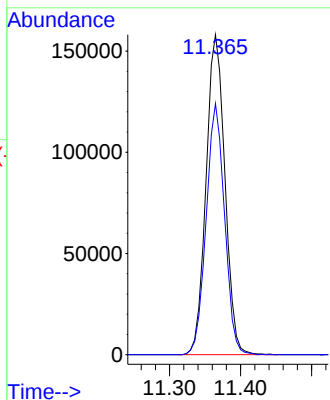
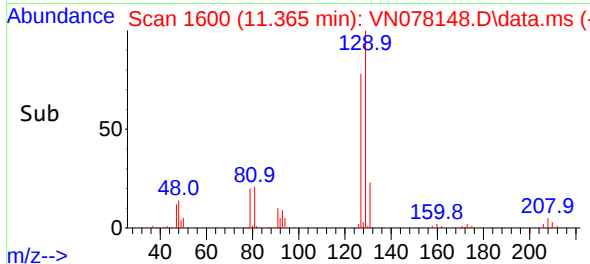
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-698-700MS



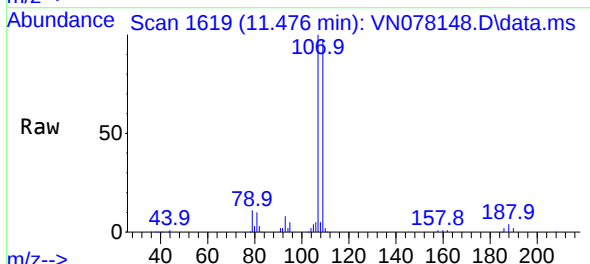
Tgt Ion:129 Resp: 291495
Ion Ratio Lower Upper
129 100
127 76.6 38.6 116.0

Manual Integrations
APPROVED

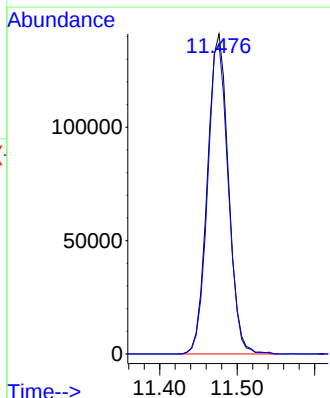
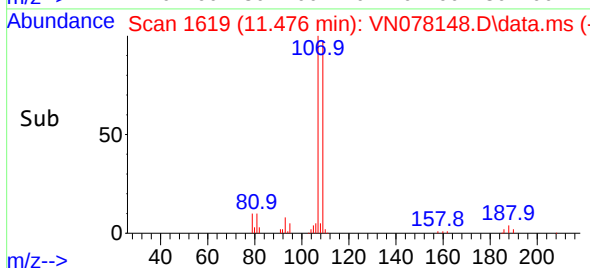
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

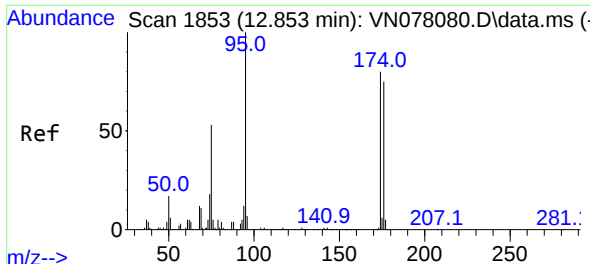


#61
1,2-Dibromoethane
Concen: 51.434 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10



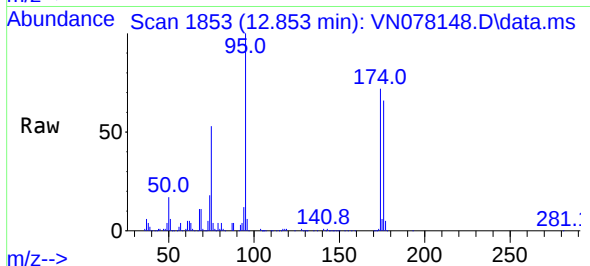
Tgt Ion:107 Resp: 265816
Ion Ratio Lower Upper
107 100
109 95.6 76.6 114.8





#62
4-Bromofluorobenzene
Concen: 52.814 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

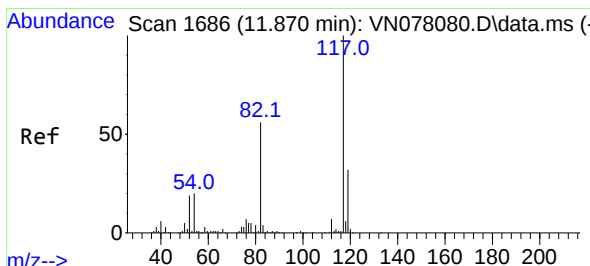
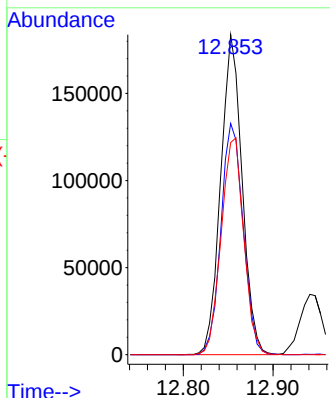
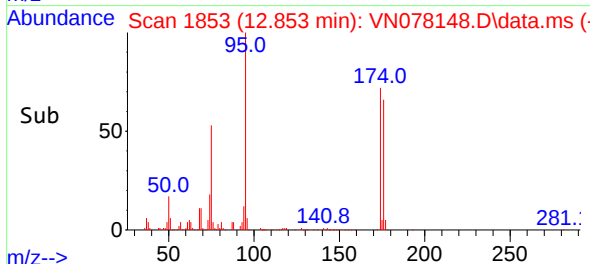
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-698-700MS



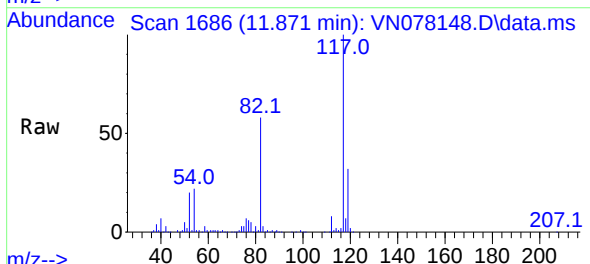
Tgt Ion: 95 Resp: 304768
Ion Ratio Lower Upper
95 100
174 74.8 0.0 143.8
176 71.2 0.0 135.8

Manual Integrations
APPROVED

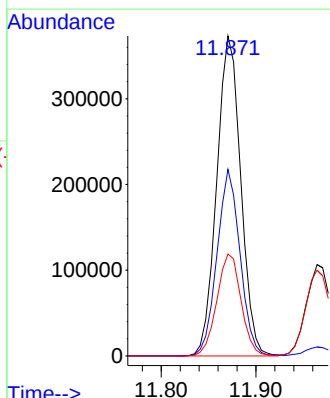
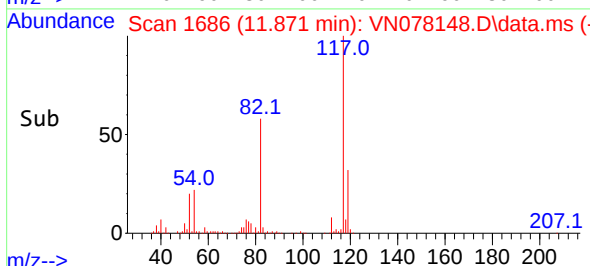
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

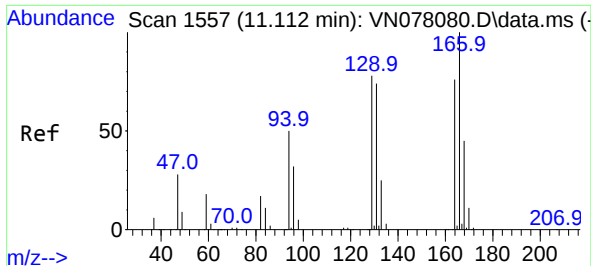


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10



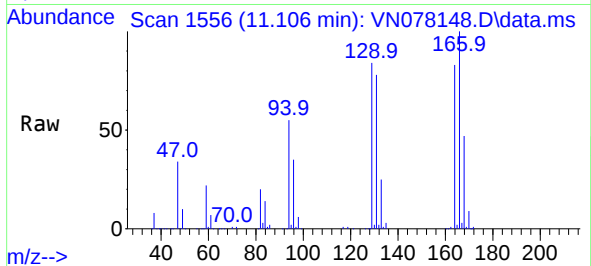
Tgt Ion:117 Resp: 658460
Ion Ratio Lower Upper
117 100
82 58.3 44.0 66.0
119 31.8 25.6 38.4





#64
Tetrachloroethene
Concen: 51.264 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

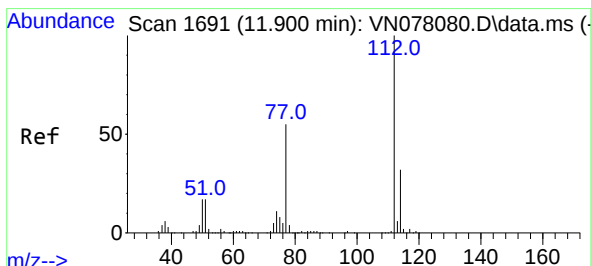
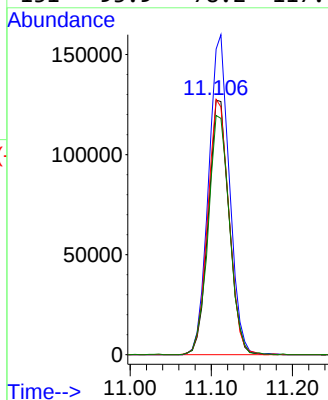
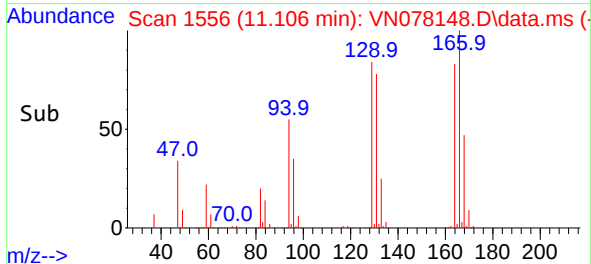
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-698-700MS



Tgt Ion:164 Resp: 22519
Ion Ratio Lower Upper
164 100
166 120.0 101.4 152.0
129 100.3 82.4 123.6
131 93.9 78.2 117.4

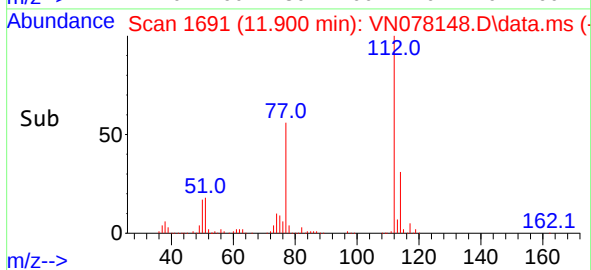
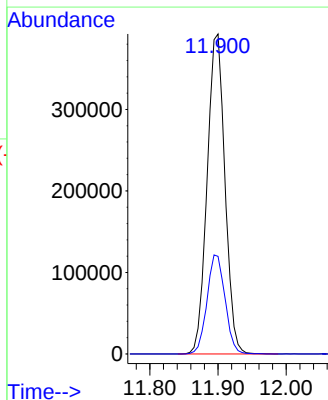
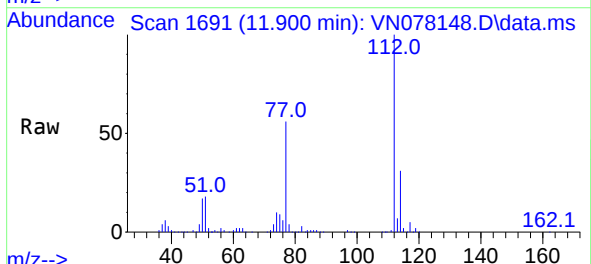
Manual Integrations
APPROVED

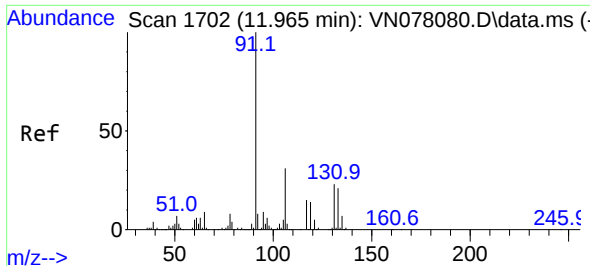
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023



#65
Chlorobenzene
Concen: 50.629 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

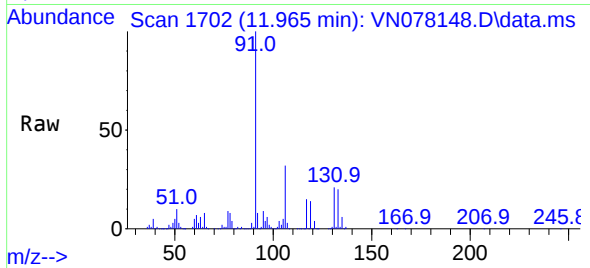
Tgt Ion:112 Resp: 713935
Ion Ratio Lower Upper
112 100
114 30.5 25.0 37.4





#66
1,1,1,2-Tetrachloroethane
Concen: 52.243 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

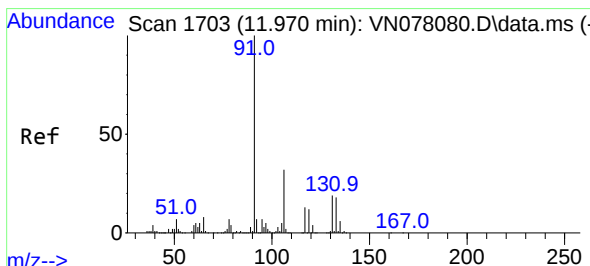
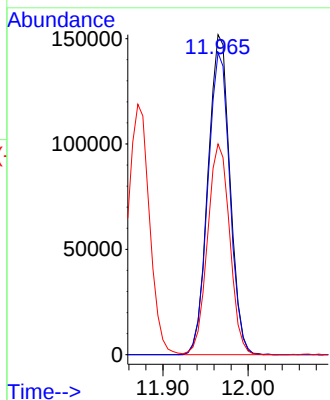
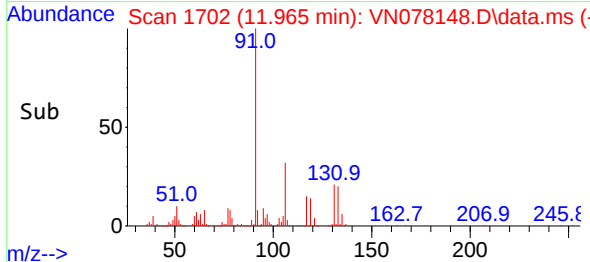
Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW11-GW-698-700MS



Tgt Ion:131 Resp: 270950
Ion Ratio Lower Upper
131 100
133 94.8 46.4 139.1
119 66.6 34.1 102.2

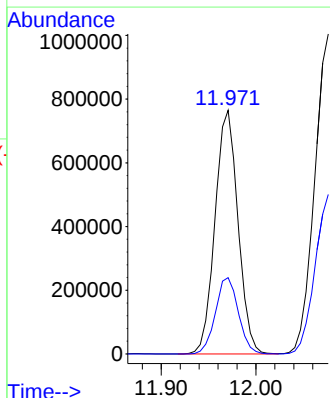
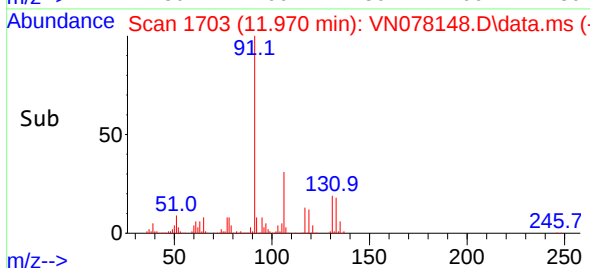
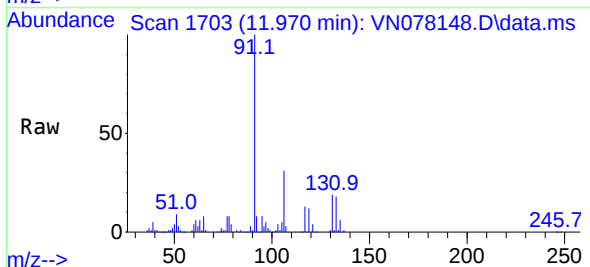
Manual Integrations
APPROVED

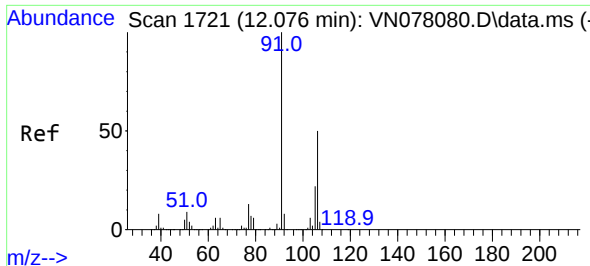
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023



#67
Ethyl Benzene
Concen: 52.959 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

Tgt Ion: 91 Resp: 1288577
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4





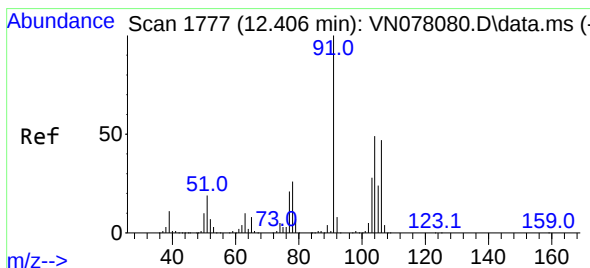
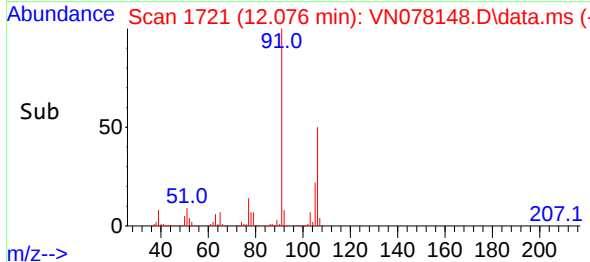
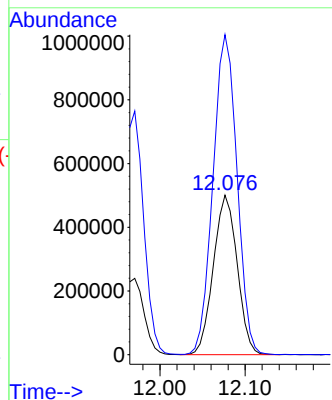
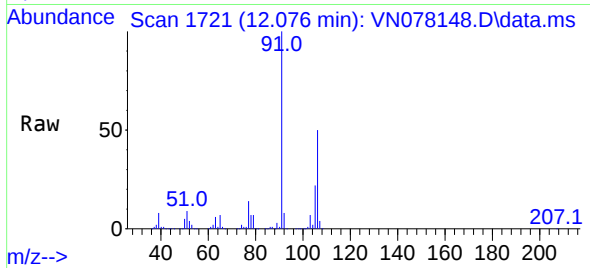
#68
m/p-Xylenes
Concen: 104.890 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-698-700MS

Tgt Ion:106 Resp: 972620
Ion Ratio Lower Upper
106 100
91 202.7 159.6 239.4

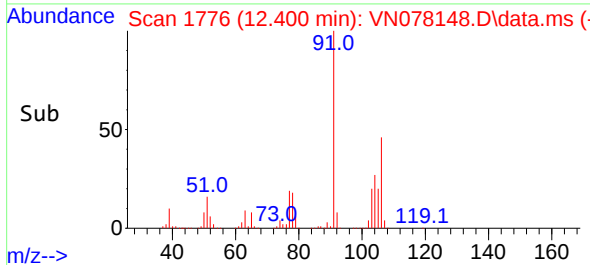
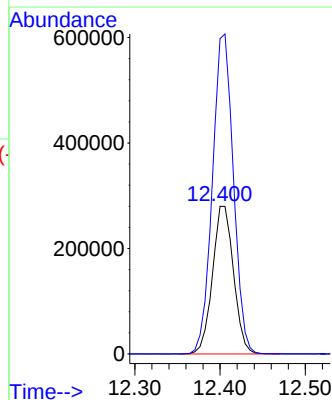
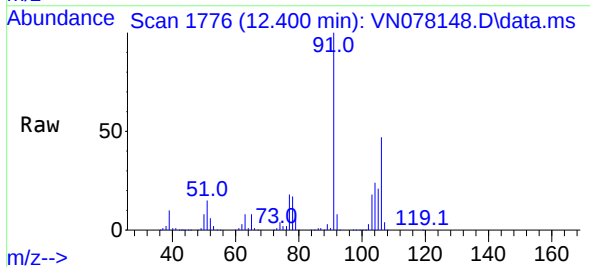
Manual Integrations
APPROVED

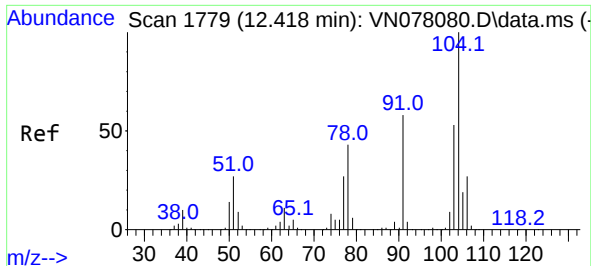
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023



#69
o-Xylene
Concen: 52.800 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

Tgt Ion:106 Resp: 480797
Ion Ratio Lower Upper
106 100
91 216.0 105.2 315.5





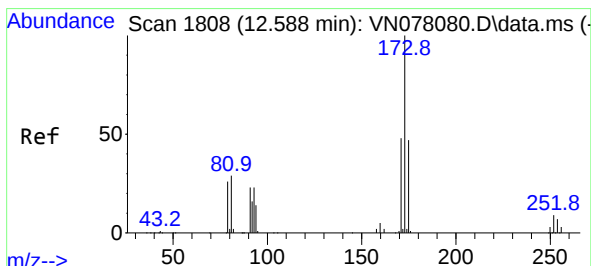
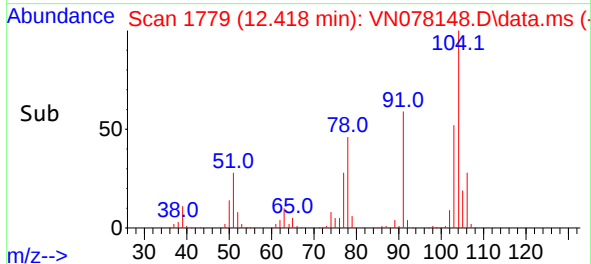
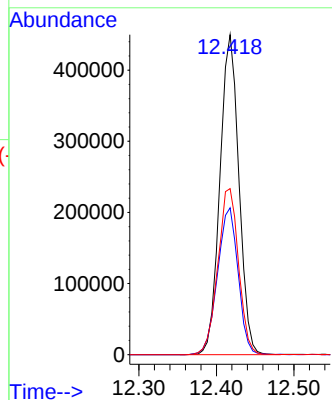
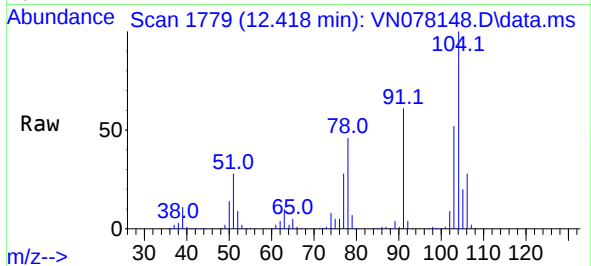
#70
Styrene
Concen: 53.504 ug/l
RT: 12.418 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-698-700MS

Tgt Ion:104 Resp: 767018
Ion Ratio Lower Upper
104 100
78 49.7 39.5 59.3
103 56.7 43.2 64.8

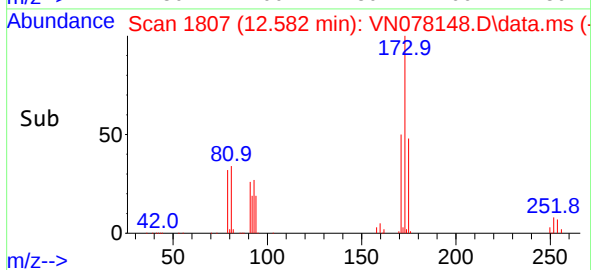
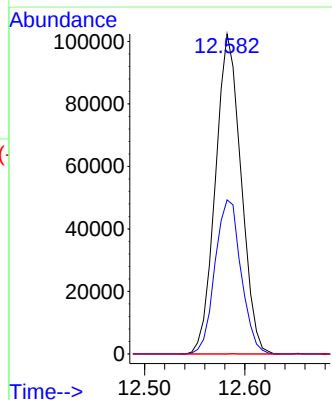
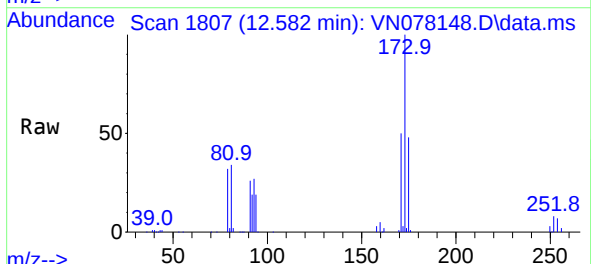
Manual Integrations
APPROVED

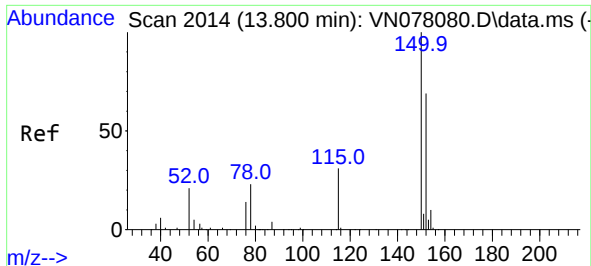
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023



#71
Bromoform
Concen: 54.281 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

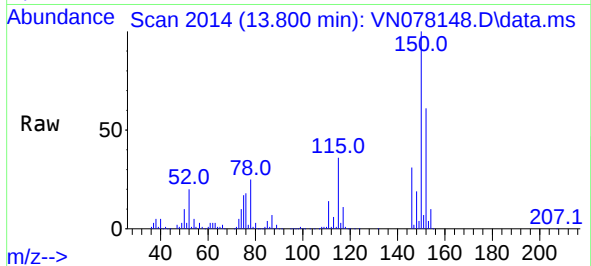
Tgt Ion:173 Resp: 181680
Ion Ratio Lower Upper
173 100
175 48.9 24.3 73.0
254 0.0 0.0 0.0#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

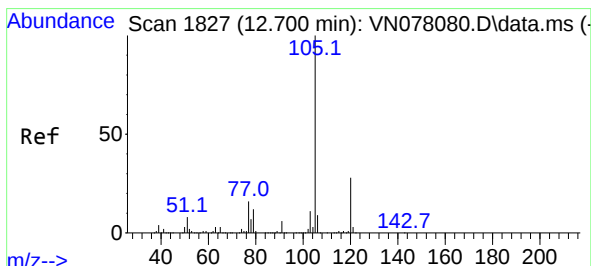
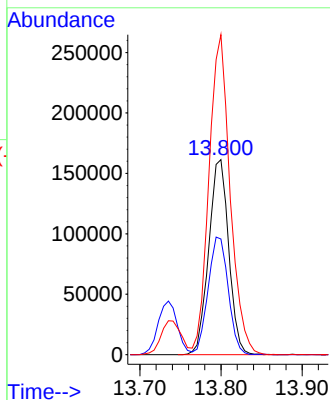
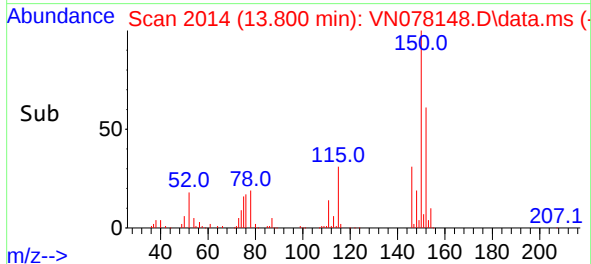
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-698-700MS



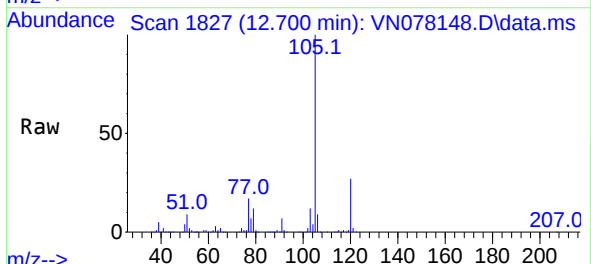
Tgt Ion:152 Resp: 276098
Ion Ratio Lower Upper
152 100
115 60.2 32.3 96.8
150 173.1 0.0 355.8

Manual Integrations
APPROVED

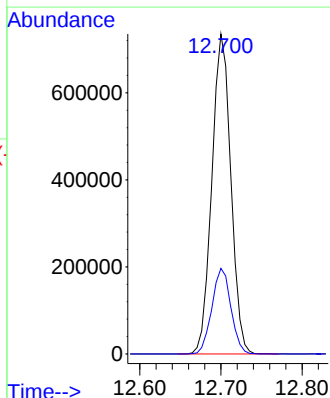
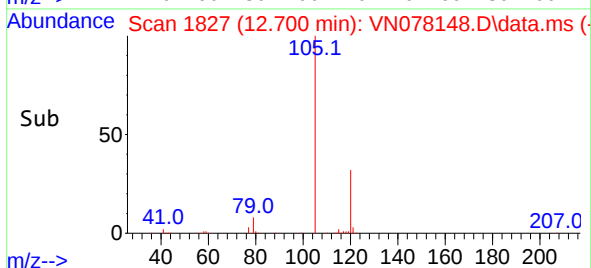
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

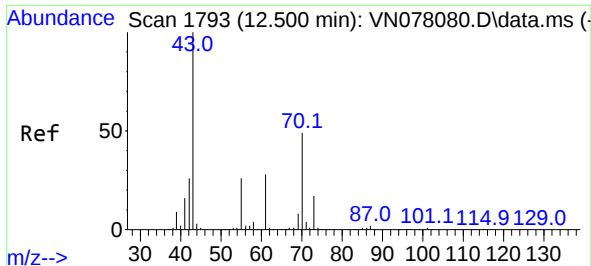


#73
Isopropylbenzene
Concen: 45.718 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10



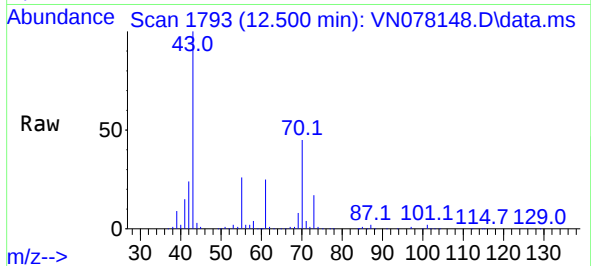
Tgt Ion:105 Resp: 1193642
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1





#74
N-amy1 acetate
Concen: 45.896 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

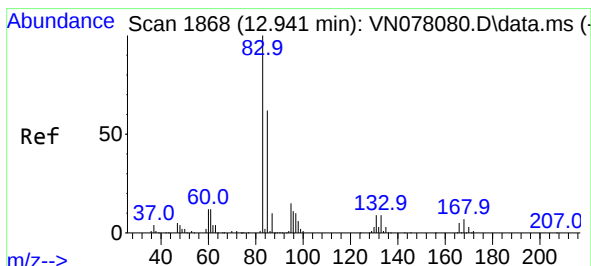
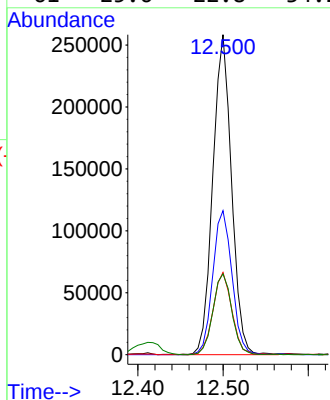
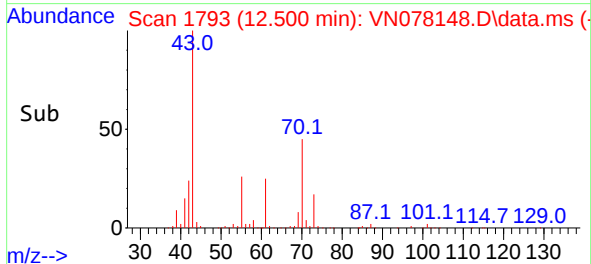
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-698-700MS



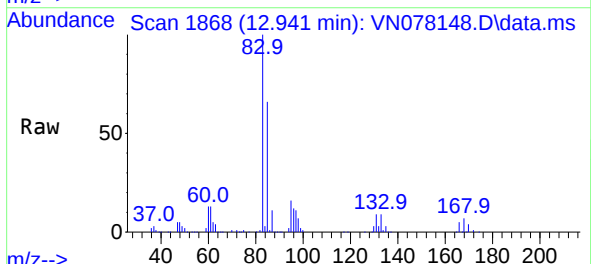
Tgt Ion: 43 Resp: 39460
Ion Ratio Lower Upper
43 100
70 46.3 43.4 65.2
55 25.8 21.4 32.0
61 25.6 22.8 34.2

Manual Integrations
APPROVED

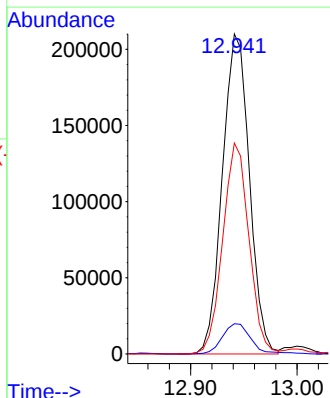
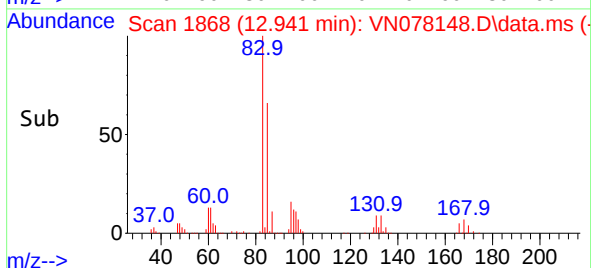
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

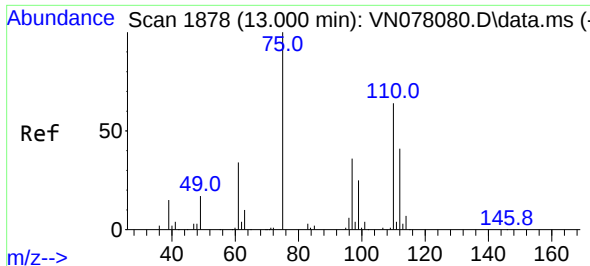


#75
1,1,2,2-Tetrachloroethane
Concen: 51.620 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10



Tgt Ion: 83 Resp: 370112
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 63.9 31.9 95.7





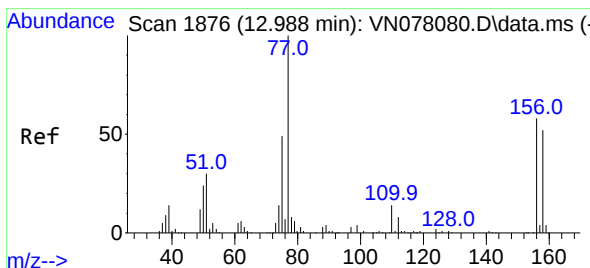
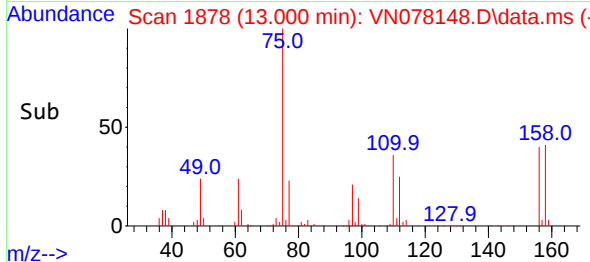
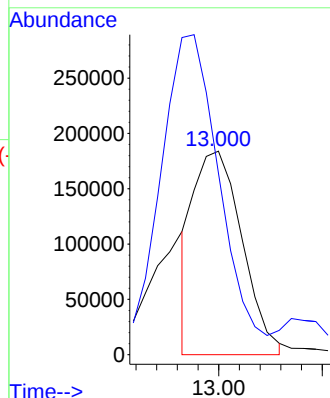
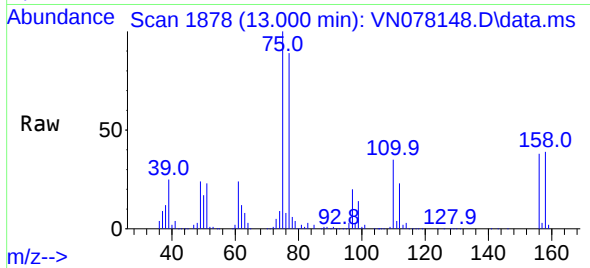
#76
1,2,3-Trichloropropane
Concen: 46.029 ug/l m
RT: 13.000 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-698-700MS

Tgt Ion: 75 Resp: 30043
Ion Ratio Lower Upper
75 100
77 192.8 84.5 253.5

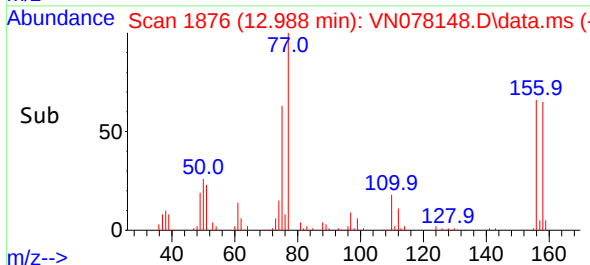
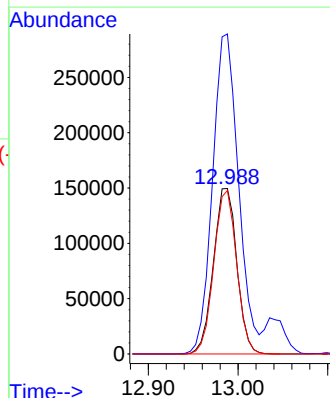
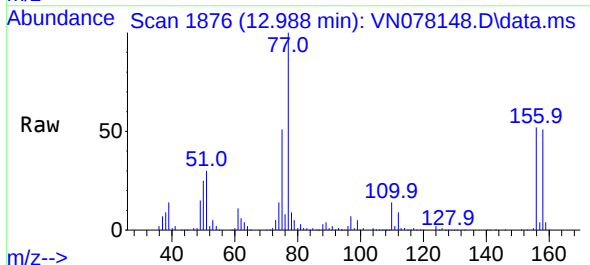
Manual Integrations
APPROVED

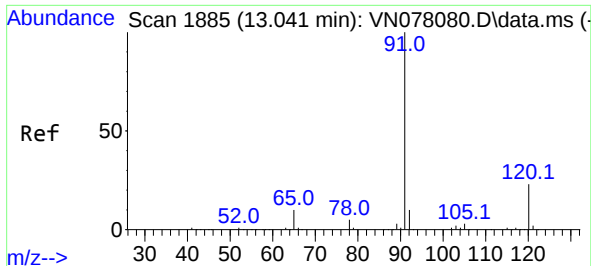
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023



#77
Bromobenzene
Concen: 44.773 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

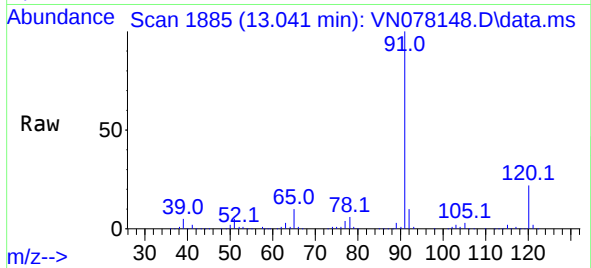
Tgt Ion:156 Resp: 271359
Ion Ratio Lower Upper
156 100
77 213.5 107.7 323.3
158 95.9 48.4 145.3





#78
n-propylbenzene
Concen: 48.526 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

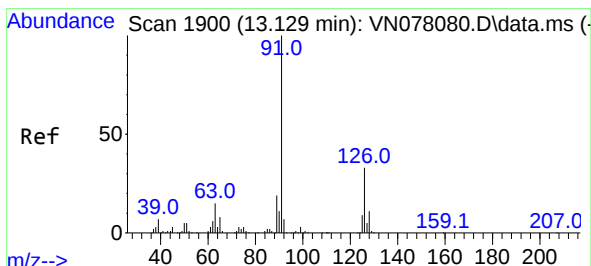
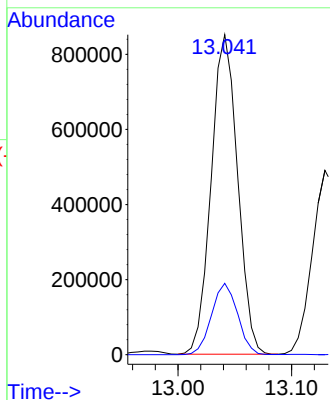
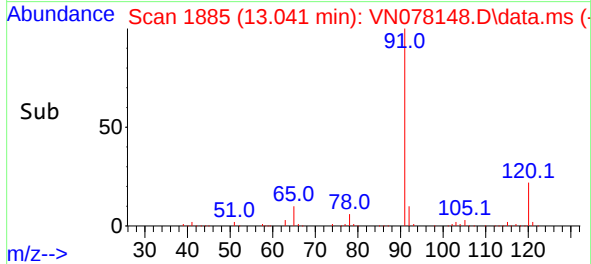
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-698-700MS



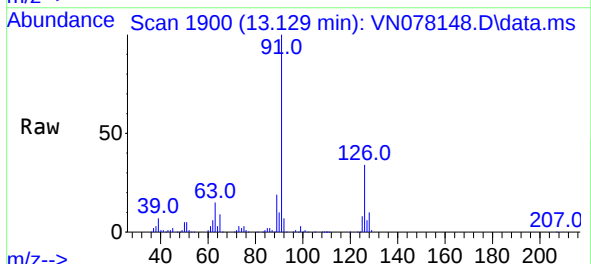
Tgt Ion: 91 Resp: 137650
Ion Ratio Lower Upper
91 100
120 22.0 11.5 34.4

Manual Integrations
APPROVED

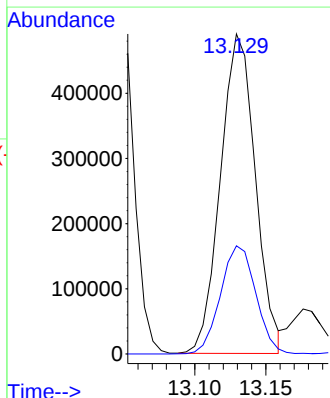
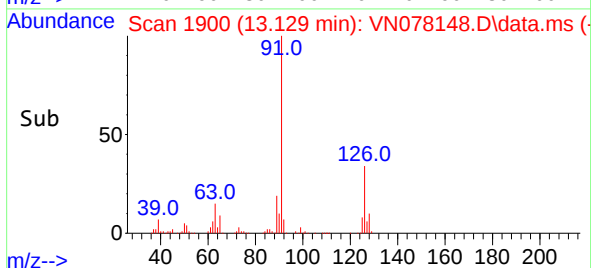
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

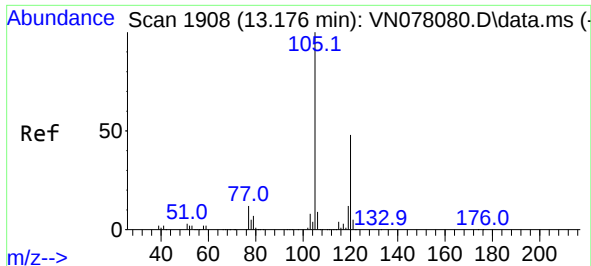


#79
2-Chlorotoluene
Concen: 45.744 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10



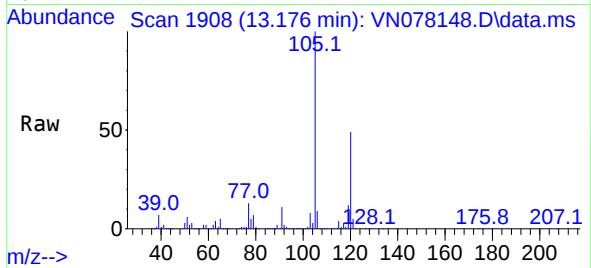
Tgt Ion: 91 Resp: 837597
Ion Ratio Lower Upper
91 100
126 34.3 16.3 48.8





#80
1,3,5-Trimethylbenzene
Concen: 46.349 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

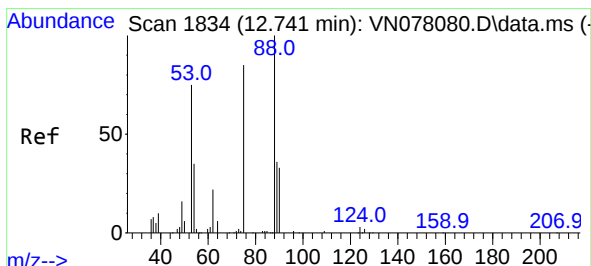
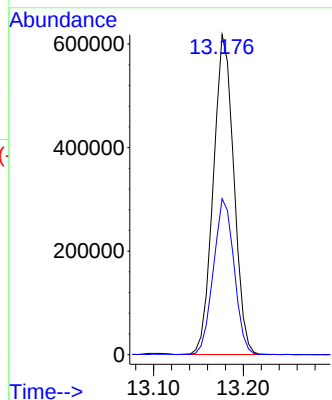
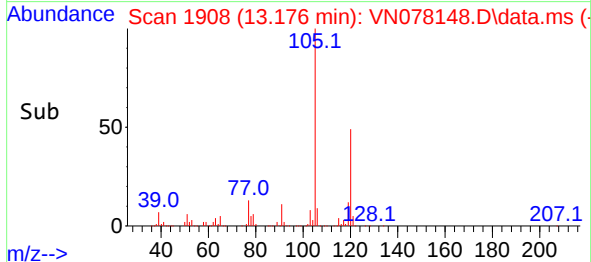
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-698-700MS



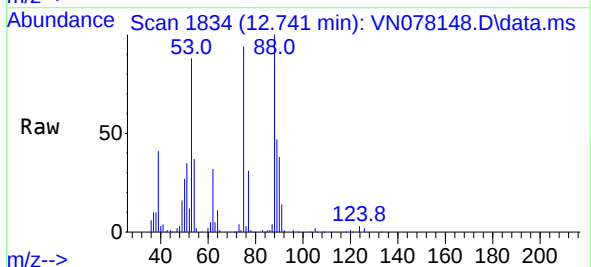
Tgt Ion:105 Resp: 979735
Ion Ratio Lower Upper
105 100
120 49.2 24.1 72.3

Manual Integrations
APPROVED

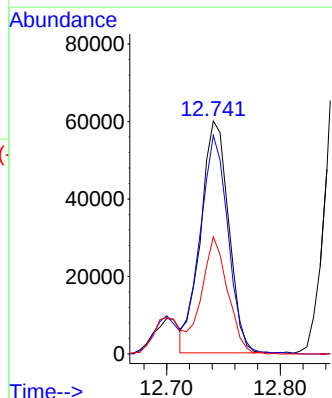
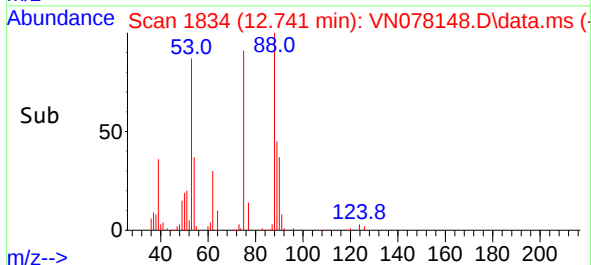
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

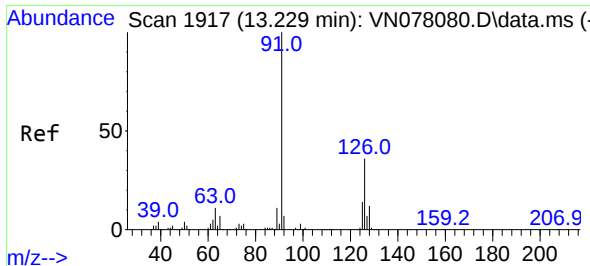


#81
trans-1,4-Dichloro-2-butene
Concen: 48.226 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10



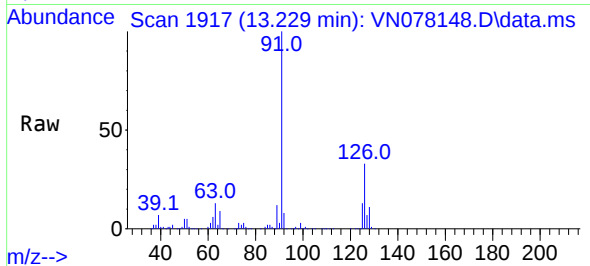
Tgt Ion: 75 Resp: 102454
Ion Ratio Lower Upper
75 100
53 95.0 67.4 101.2
89 46.3 38.8 58.2





#82
4-Chlorotoluene
Concen: 47.096 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

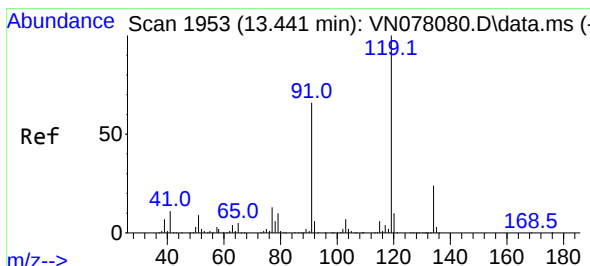
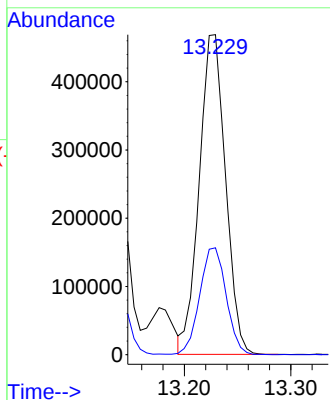
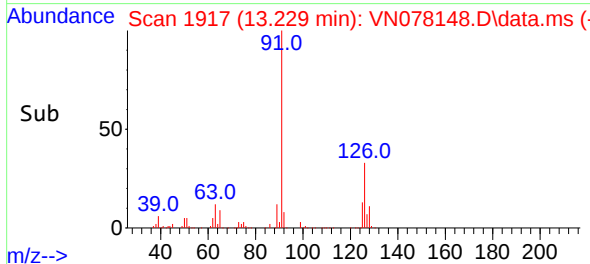
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-698-700MS



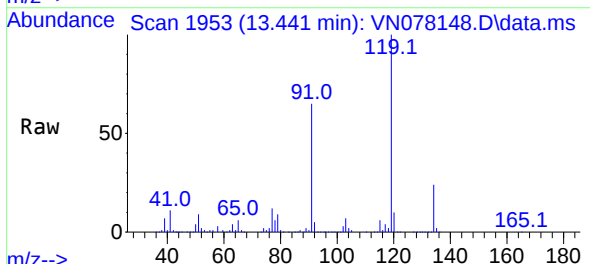
Tgt Ion: 91 Resp: 804824
Ion Ratio Lower Upper
91 100
126 33.8 16.7 50.0

Manual Integrations
APPROVED

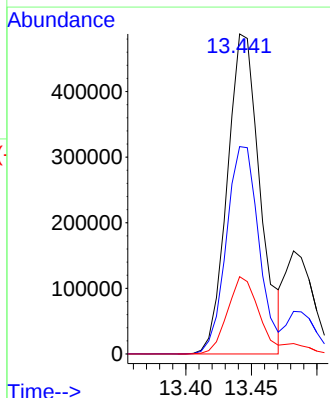
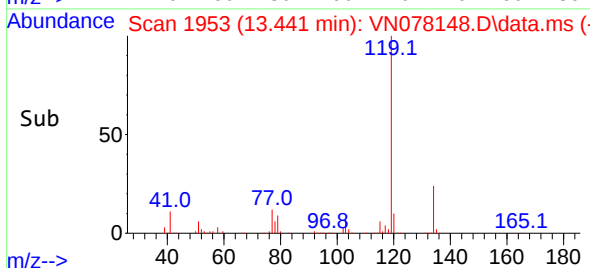
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

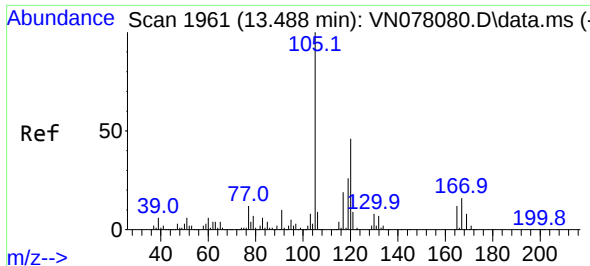


#83
tert-Butylbenzene
Concen: 46.167 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10



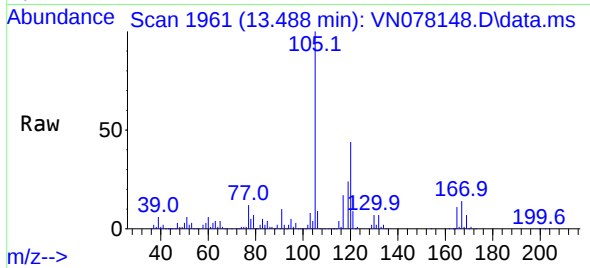
Tgt Ion:119 Resp: 848300
Ion Ratio Lower Upper
119 100
91 64.5 33.9 101.7
134 25.5 13.2 39.6





#84
1,2,4-Trimethylbenzene
Concen: 47.995 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

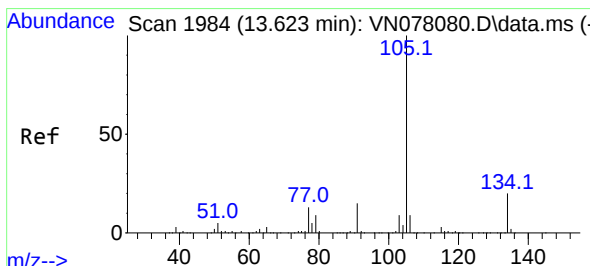
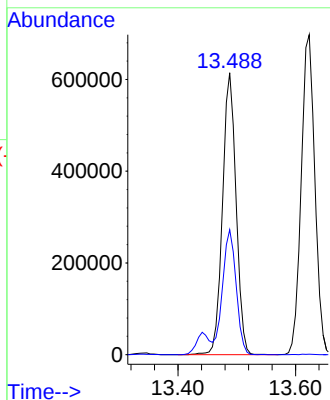
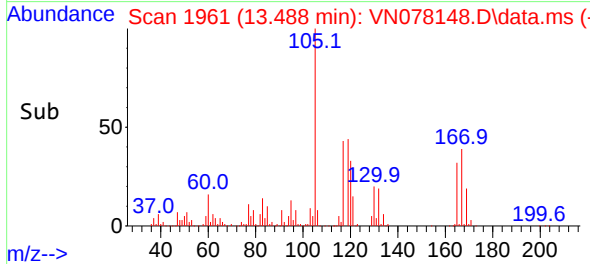
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-698-700MS



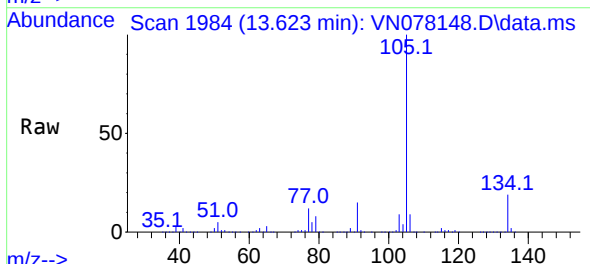
Tgt Ion:105 Resp: 983598
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0

Manual Integrations
APPROVED

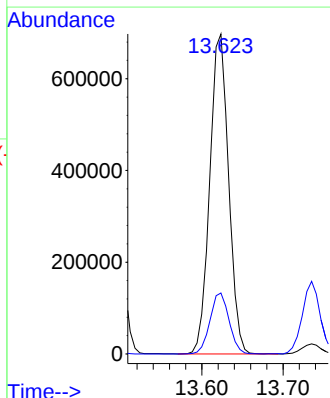
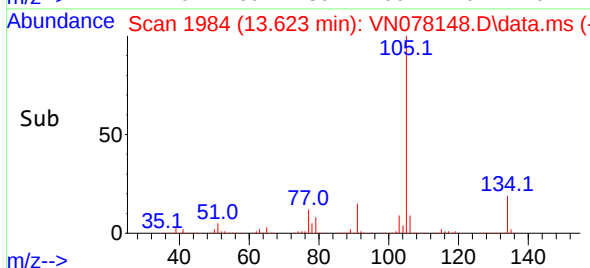
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

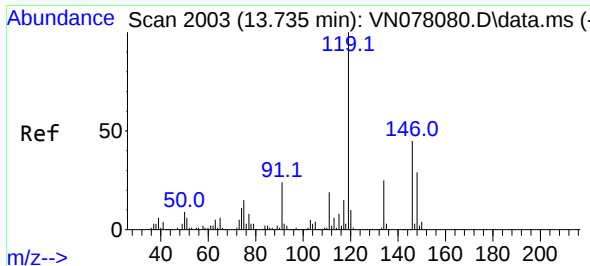


#85
sec-Butylbenzene
Concen: 46.744 ug/l
RT: 13.623 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10



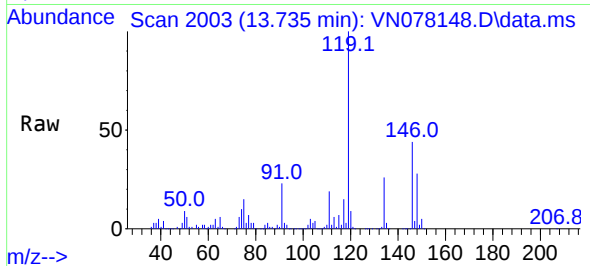
Tgt Ion:105 Resp: 1124189
Ion Ratio Lower Upper
105 100
134 19.3 9.8 29.3





#86
p-Isopropyltoluene
Concen: 48.038 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

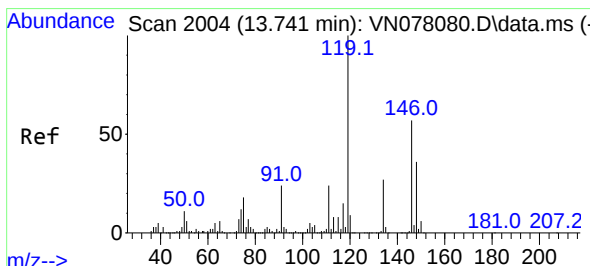
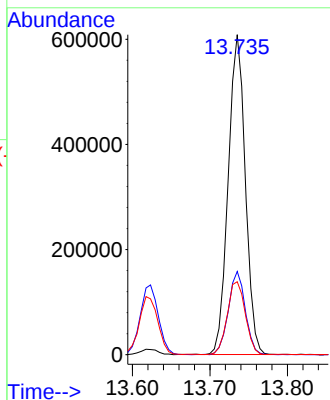
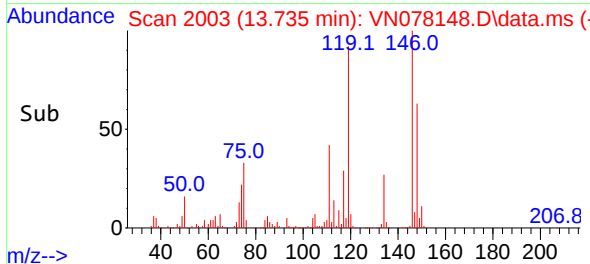
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-698-700MS



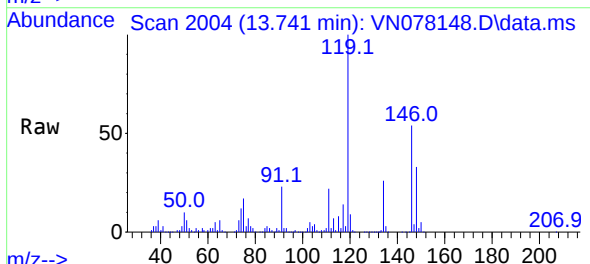
Tgt Ion:119 Resp: 93752
Ion Ratio Lower Upper
119 100
134 25.8 12.6 37.8
91 23.9 12.4 37.2

Manual Integrations
APPROVED

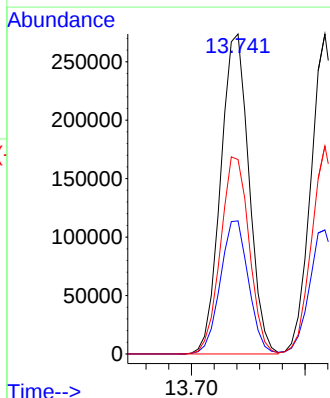
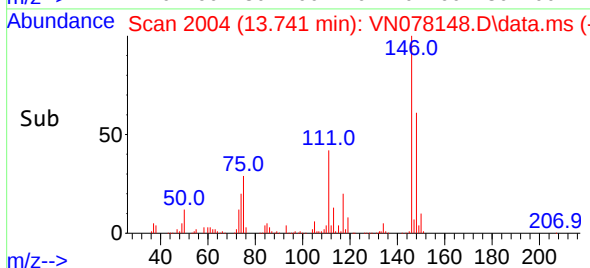
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

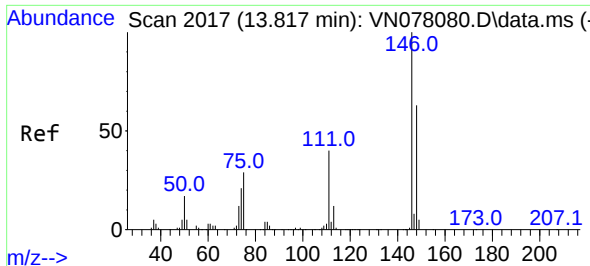


#87
1,3-Dichlorobenzene
Concen: 46.208 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10



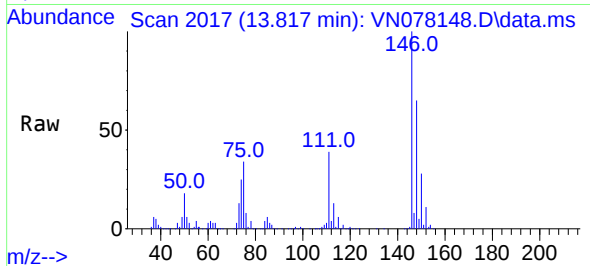
Tgt Ion:146 Resp: 473717
Ion Ratio Lower Upper
146 100
111 41.5 22.1 66.3
148 62.4 32.0 96.0





#88
1,4-Dichlorobenzene
Concen: 45.698 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

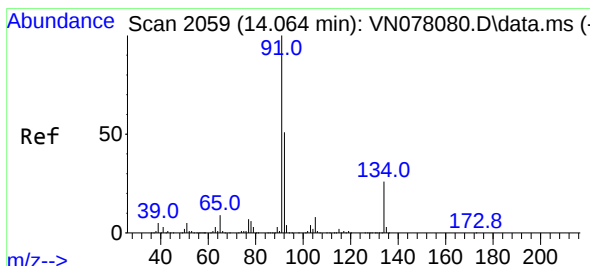
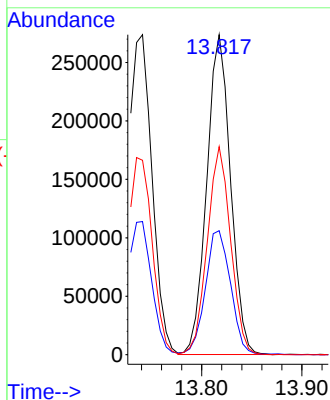
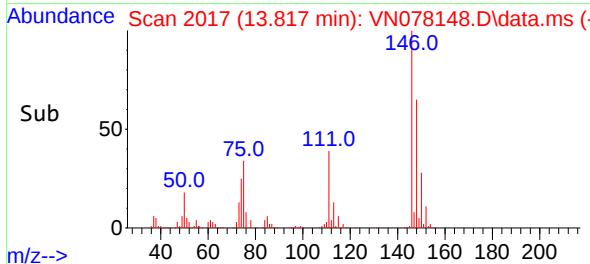
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-698-700MS



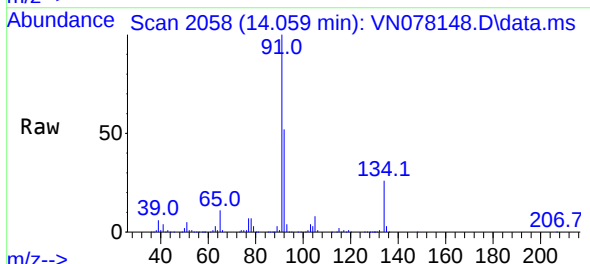
Tgt Ion:146 Resp: 452072
Ion Ratio Lower Upper
146 100
111 41.2 20.6 61.8
148 63.9 31.6 94.8

Manual Integrations
APPROVED

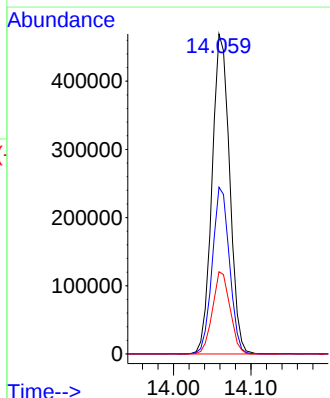
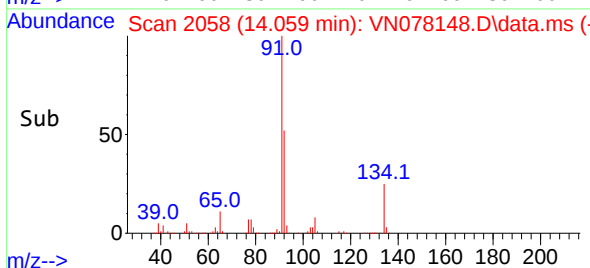
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

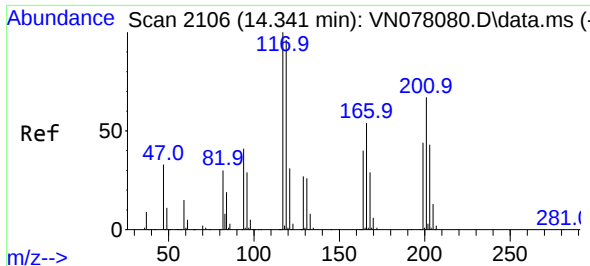


#89
n-Butylbenzene
Concen: 48.068 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10



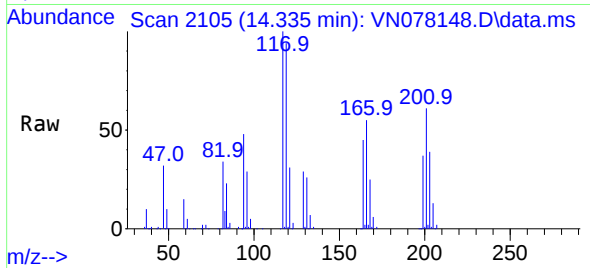
Tgt Ion: 91 Resp: 739938
Ion Ratio Lower Upper
91 100
92 51.0 26.4 79.0
134 25.6 12.6 37.6





#90
Hexachloroethane
Concen: 49.005 ug/l
RT: 14.335 min Scan# 2106
Delta R.T. -0.006 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

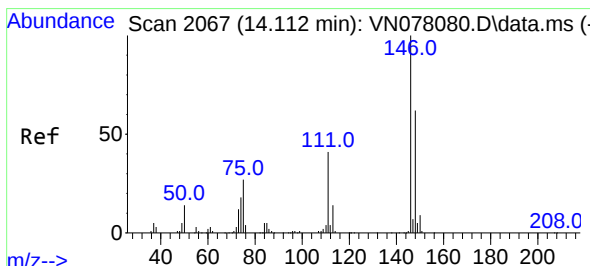
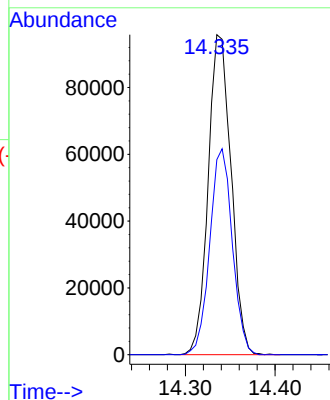
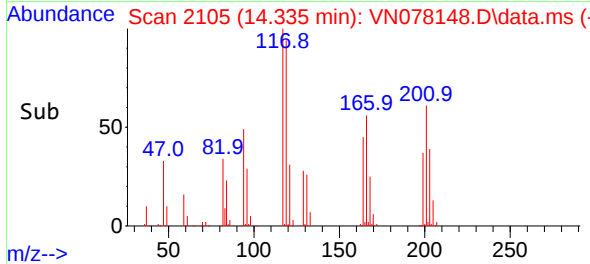
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-698-700MS



Tgt Ion:117 Resp: 169725
Ion Ratio Lower Upper
117 100
201 63.3 29.3 88.0

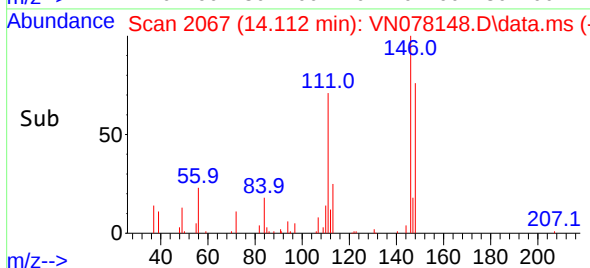
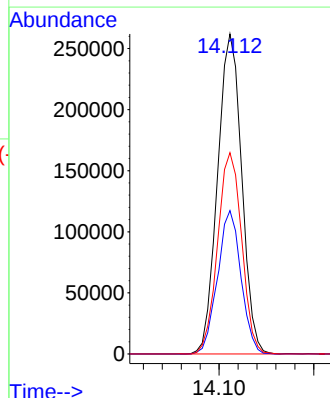
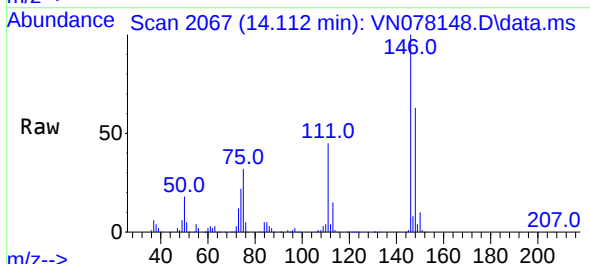
Manual Integrations
APPROVED

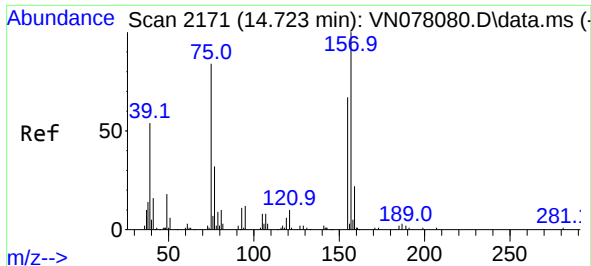
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023



#91
1,2-Dichlorobenzene
Concen: 46.321 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

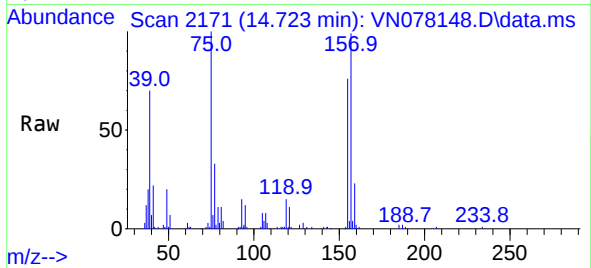
Tgt Ion:146 Resp: 464110
Ion Ratio Lower Upper
146 100
111 43.5 22.0 66.0
148 62.7 31.8 95.3





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.507 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN078148.D
 Acq: 09 Jun 2023 16:10

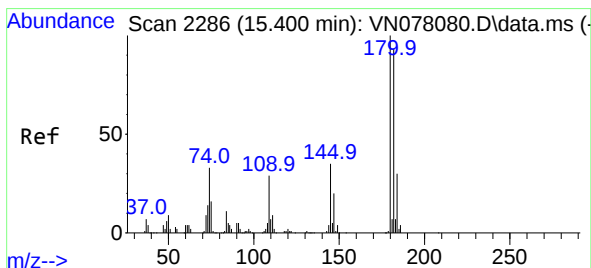
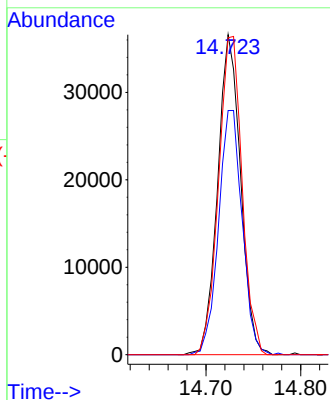
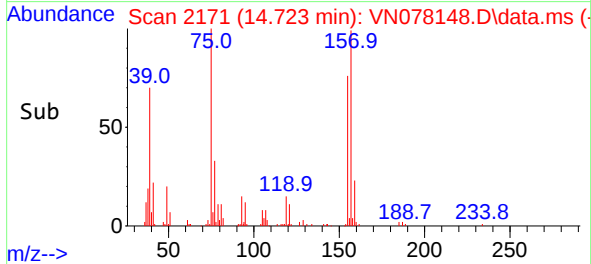
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-698-700MS



Tgt Ion: 75 Resp: 6143
 Ion Ratio Lower Upper
 75 100
 155 78.9 39.1 117.2
 157 102.2 50.3 150.9

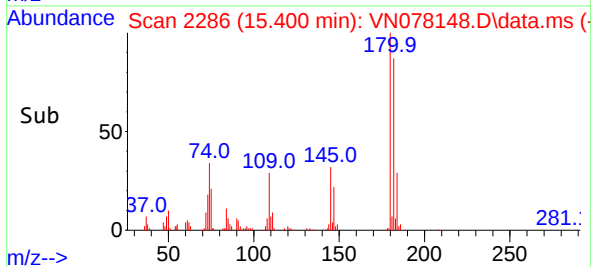
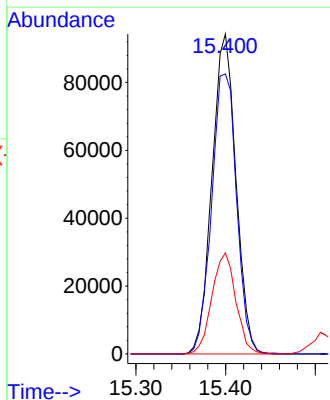
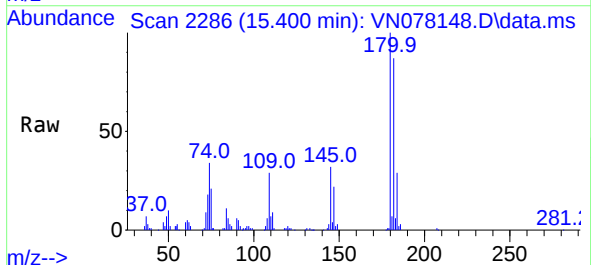
Manual Integrations
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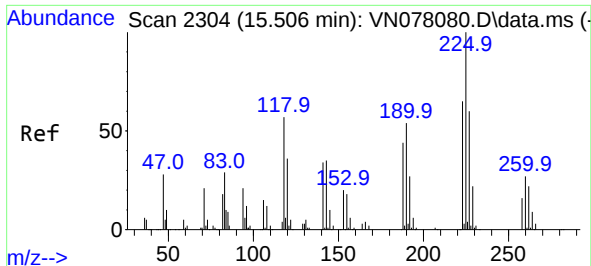
Reviewed By :John Carlone 06/12/2023
 Supervised By :Mahesh Dadoda 06/12/2023



#93
 1,2,4-Trichlorobenzene
 Concen: 48.857 ug/l
 RT: 15.400 min Scan# 2286
 Delta R.T. 0.000 min
 Lab File: VN078148.D
 Acq: 09 Jun 2023 16:10

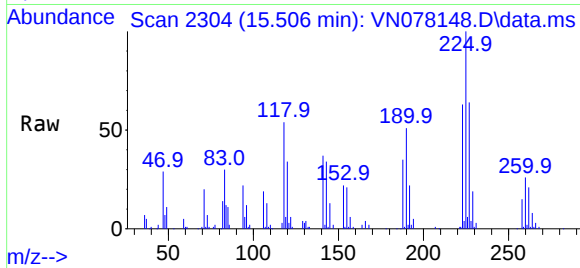
Tgt Ion:180 Resp: 174414
 Ion Ratio Lower Upper
 180 100
 182 91.5 46.1 138.2
 145 31.6 16.6 49.8





#94
Hexachlorobutadiene
Concen: 52.292 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10

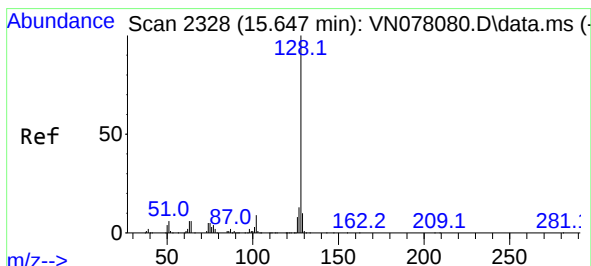
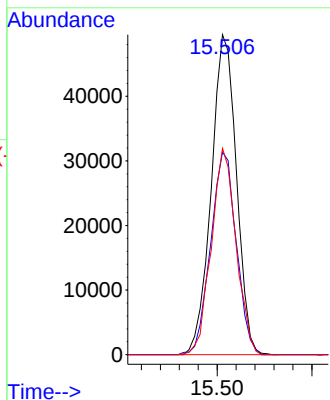
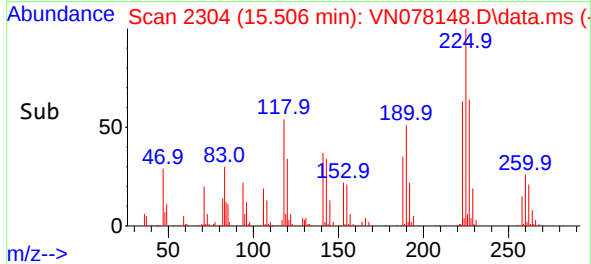
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-698-700MS



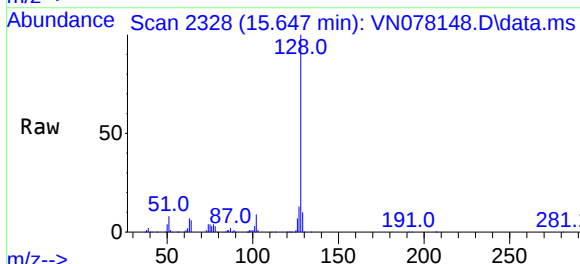
Tgt Ion:225 Resp: 91290
Ion Ratio Lower Upper
225 100
223 64.6 31.3 93.8
227 63.2 31.9 95.9

Manual Integrations
APPROVED

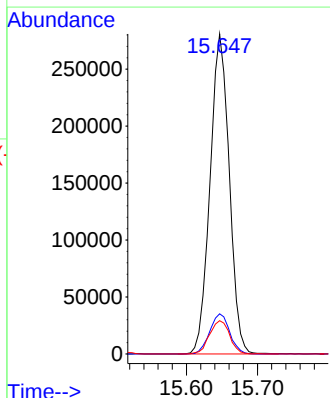
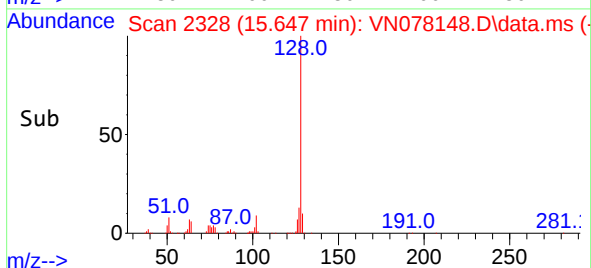
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

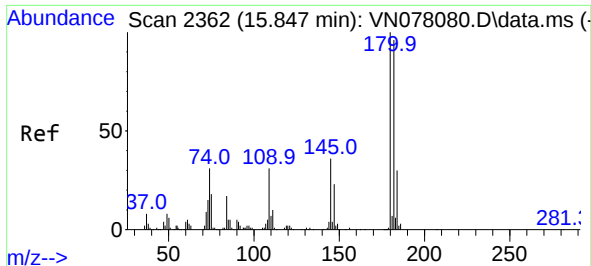


#95
Naphthalene
Concen: 43.918 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078148.D
Acq: 09 Jun 2023 16:10



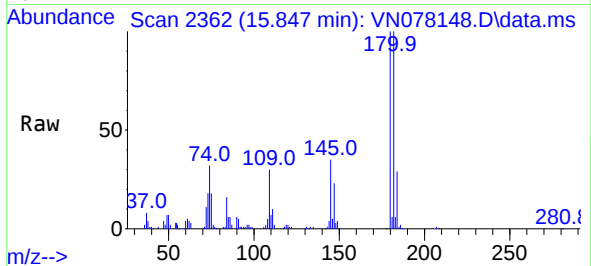
Tgt Ion:128 Resp: 527382
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.9 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 43.825 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN078148.D
 Acq: 09 Jun 2023 16:10

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-698-700MS



Tgt Ion:180 Resp: 174970
 Ion Ratio Lower Upper
 180 100
 182 96.3 46.2 138.6
 145 34.4 17.5 52.6

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/12/2023
 Supervised By :Mahesh Dadoda 06/12/2023

