

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061523\
 Data File : VN078244.D
 Acq On : 15 Jun 2023 21:34
 Operator : JC\MD
 Sample : 03231-02MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-EVAL-4S-06122023MS

Quant Time: Jun 16 06:13:58 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 06/16/2023
 Supervised By : Mahesh Dadoda 06/16/2023

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	377061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	696148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	607171	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	237792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	270397	53.785	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.560%			
35) Dibromofluoromethane	8.177	113	226223	51.395	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.800%			
50) Toluene-d8	10.570	98	851592	50.186	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.380%			
62) 4-Bromofluorobenzene	12.853	95	269842	51.153	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.300%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	178442	41.865	ug/l	97
3) Chloromethane	2.371	50	199624	49.775	ug/l	98
4) Vinyl Chloride	2.518	62	261717	46.892	ug/l	100
5) Bromomethane	2.953	94	191848	45.484	ug/l	93
6) Chloroethane	3.124	64	186314	48.969	ug/l	97
7) Trichlorofluoromethane	3.500	101	353237	46.671	ug/l	98
8) Diethyl Ether	3.971	74	121741	45.778	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.383	101	189469	47.434	ug/l	99
10) Methyl Iodide	4.600	142	263179	46.590	ug/l	99
11) Tert butyl alcohol	5.530	59	157035	226.218	ug/l	99
12) 1,1-Dichloroethene	4.347	96	190843	46.349	ug/l	94
13) Acrolein	4.189	56	192992	252.253	ug/l	95
14) Allyl chloride	5.036	41	246529	49.048	ug/l	93
15) Acrylonitrile	5.730	53	483638	270.235	ug/l	98
16) Acetone	4.441	43	370052	255.726	ug/l	94
17) Carbon Disulfide	4.724	76	445976	42.080	ug/l	99
18) Methyl Acetate	5.036	43	314580	47.218	ug/l	92
19) Methyl tert-butyl Ether	5.806	73	652471	49.666	ug/l	98
20) Methylene Chloride	5.283	84	223503	46.740	ug/l	93
21) trans-1,2-Dichloroethene	5.794	96	207274	46.673	ug/l	82
22) Diisopropyl ether	6.683	45	620700	52.500	ug/l	94
23) Vinyl Acetate	6.618	43	1714984	244.020	ug/l #	89
24) 1,1-Dichloroethane	6.583	63	395985	50.772	ug/l	98
25) 2-Butanone	7.494	43	595924	267.798	ug/l	88
26) 2,2-Dichloropropane	7.500	77	255540	44.374	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	253933	47.936	ug/l	95
28) Bromochloromethane	7.824	49	202318	56.498	ug/l	88
29) Tetrahydrofuran	7.841	42	392896	264.113	ug/l	84
30) Chloroform	7.977	83	431888	51.425	ug/l	94
31) Cyclohexane	8.265	56	300787	46.641	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	376151	51.016	ug/l	94
36) 1,1-Dichloropropene	8.377	75	305194	48.339	ug/l	97
37) Ethyl Acetate	7.571	43	243412	49.351	ug/l #	93
38) Carbon Tetrachloride	8.371	117	330786	49.618	ug/l	96
39) Methylcyclohexane	9.606	83	279828	42.767	ug/l	90
40) Benzene	8.612	78	940045	49.873	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	134164	50.184	ug/l	93
42) 1,2-Dichloroethane	8.677	62	333662	51.629	ug/l	96
43) Isopropyl Acetate	8.694	43	437595	46.391	ug/l #	93
44) Trichloroethene	9.359	130	688777	138.370	ug/l	99
45) 1,2-Dichloropropane	9.629	63	244450	52.126	ug/l	96
46) Dibromomethane	9.718	93	173586	50.253	ug/l	98
47) Bromodichloromethane	9.894	83	335576	52.300	ug/l	95
48) Methyl methacrylate	9.688	41	204782	51.733	ug/l	91
49) 1,4-Dioxane	9.706	88	81408	978.481	ug/l	93
51) 4-Methyl-2-Pentanone	10.453	43	1340593	269.893	ug/l	92
52) Toluene	10.635	92	590143	49.589	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	340721	50.989	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	355102	48.073	ug/l	94
55) 1,1,2-Trichloroethane	11.023	97	237498	52.755	ug/l	93
56) Ethyl methacrylate	10.882	69	343808	52.449	ug/l	93
57) 1,3-Dichloropropane	11.170	76	399762	52.607	ug/l	97
59) 2-Hexanone	11.200	43	931787	269.414	ug/l	93
60) Dibromochloromethane	11.365	129	255578	51.881	ug/l	99
61) 1,2-Dibromoethane	11.476	107	239616	50.719	ug/l	97
64) Tetrachloroethene	11.112	164	184650	45.585	ug/l	96
65) Chlorobenzene	11.900	112	629976	48.449	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	238786	49.930	ug/l	98
67) Ethyl Benzene	11.970	91	1106357	49.311	ug/l	100
68) m/p-Xylenes	12.076	106	833628	97.494	ug/l	95
69) o-Xylene	12.406	106	424334	50.536	ug/l	98
70) Styrene	12.417	104	673253	50.930	ug/l	98
71) Bromoform	12.582	173	158271	51.281	ug/l #	100
73) Isopropylbenzene	12.700	105	1023601	45.521	ug/l	100
74) N-amyl acetate	12.500	43	331090	44.713	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	333905	54.194	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	266304m	47.372	ug/l	
77) Bromobenzene	12.988	156	236996	45.402	ug/l	99
78) n-propylbenzene	13.041	91	1149973	47.071	ug/l	99
79) 2-Chlorotoluene	13.129	91	710699	45.066	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	828709	45.520	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	88409	48.318	ug/l #	82
82) 4-Chlorotoluene	13.229	91	678920	46.128	ug/l	99
83) tert-Butylbenzene	13.441	119	700997	44.296	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	830952	47.078	ug/l	99
85) sec-Butylbenzene	13.623	105	873261	42.160	ug/l	99
86) p-Isopropyltoluene	13.735	119	720892	42.888	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	387932	43.936	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	384091	45.081	ug/l	100
89) n-Butylbenzene	14.064	91	545557	41.150	ug/l	97
90) Hexachloroethane	14.341	117	136302	45.694	ug/l	94
91) 1,2-Dichlorobenzene	14.111	146	397649	46.081	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	50574	45.407	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	124357	40.447	ug/l	97
94) Hexachlorobutadiene	15.505	225	62590	41.051	ug/l	97
95) Naphthalene	15.647	128	390699	37.777	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	137597	40.014	ug/l	99

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

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

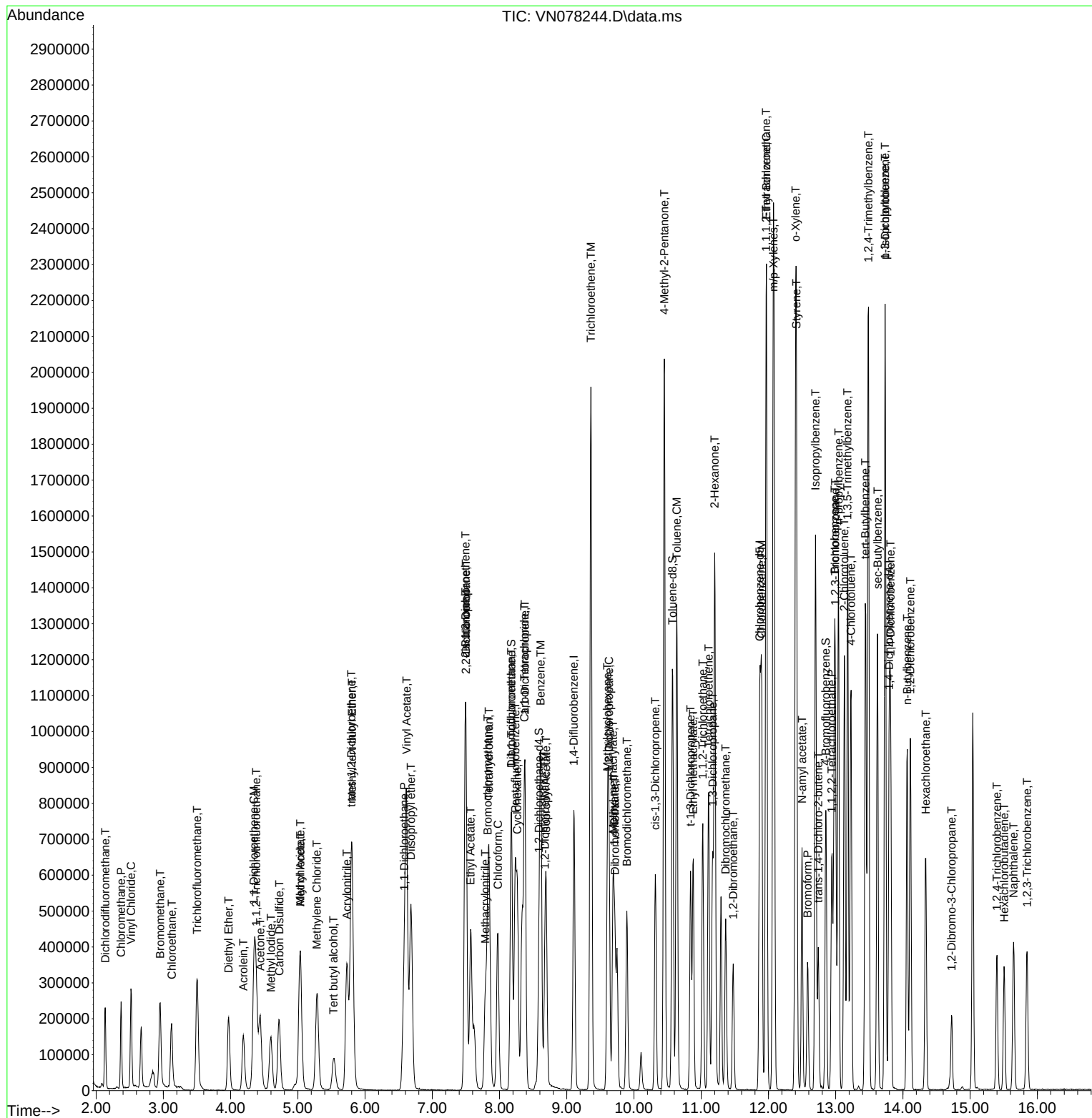
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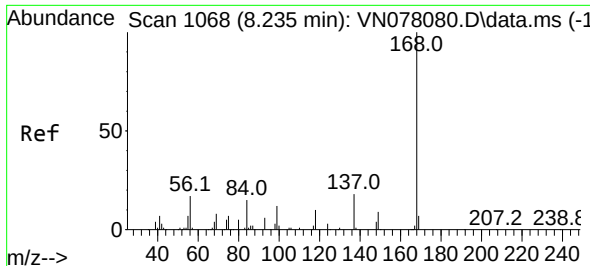
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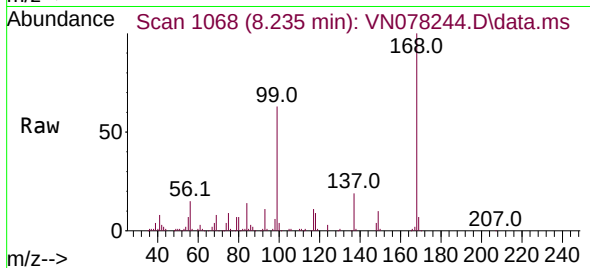
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078244.D
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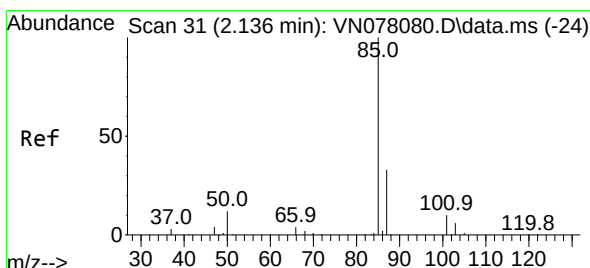
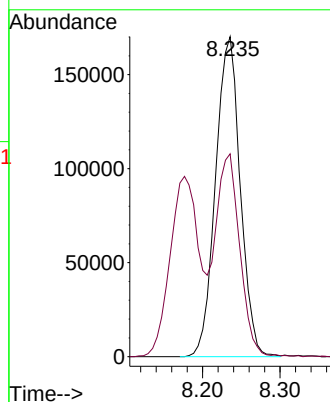
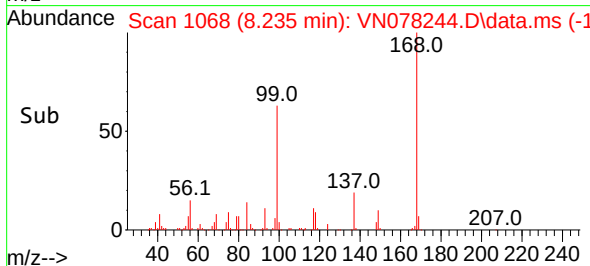
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-4S-06122023MS



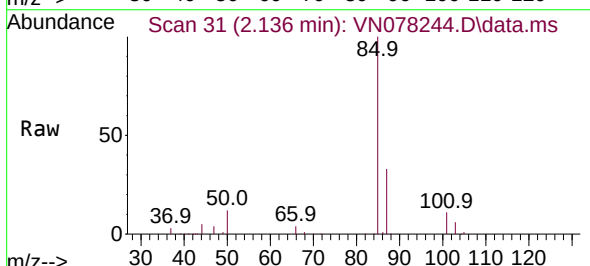
Tgt Ion:168 Resp: 37706
Ion Ratio Lower Upper
168 100
99 63.1 53.0 79.6

Manual Integrations
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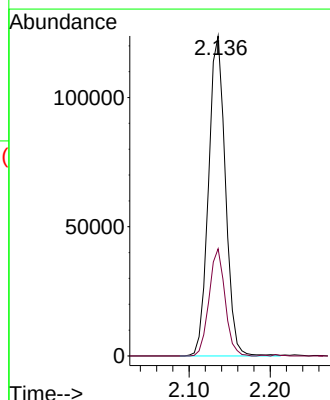
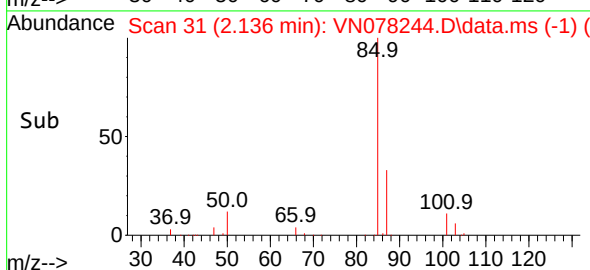
Reviewed By :John Carlone 06/16/2023
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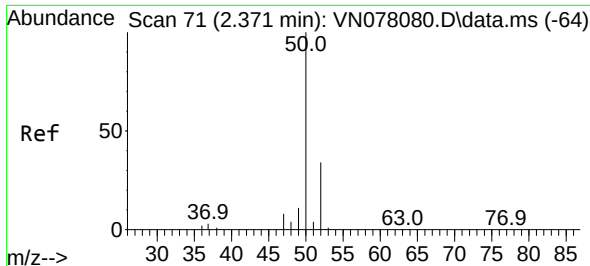


#2
Dichlorodifluoromethane
Concen: 41.865 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34



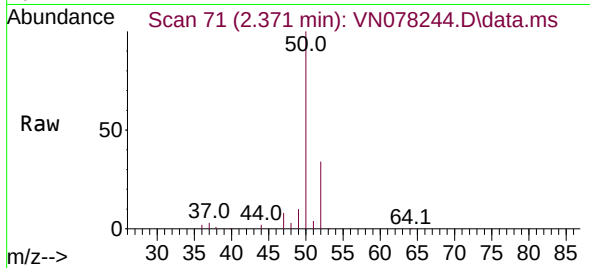
Tgt Ion: 85 Resp: 178442
Ion Ratio Lower Upper
85 100
87 33.5 15.8 47.4





#3
Chloromethane
Concen: 49.775 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

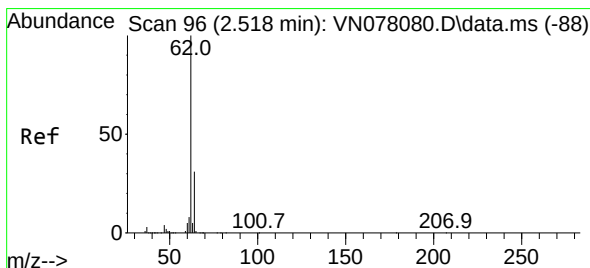
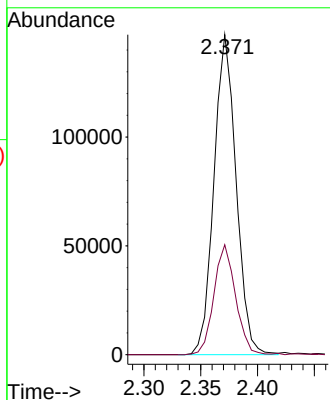
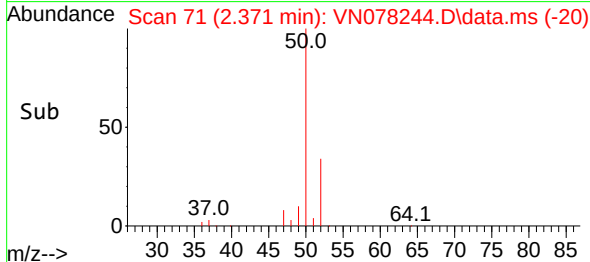
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Tgt Ion: 50 Resp: 199624
Ion Ratio Lower Upper
50 100
52 34.4 26.5 39.7

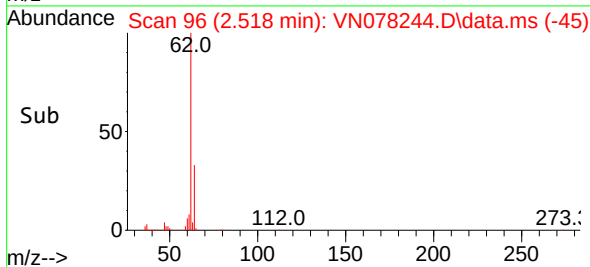
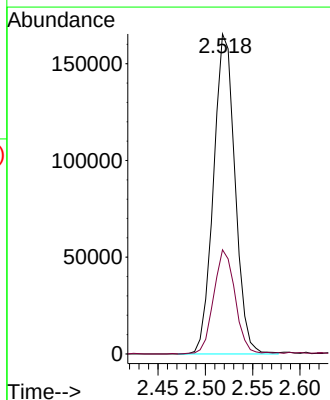
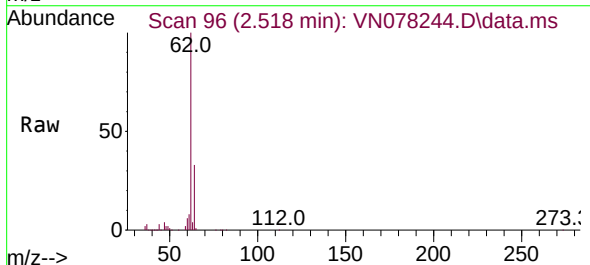
Manual Integrations
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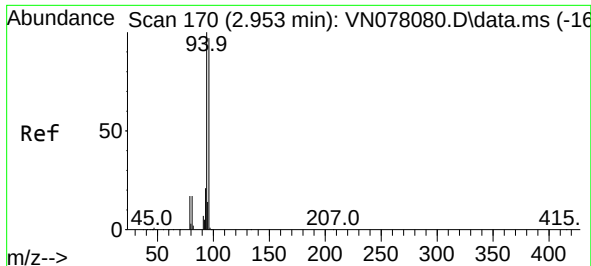
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#4
Vinyl Chloride
Concen: 46.892 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

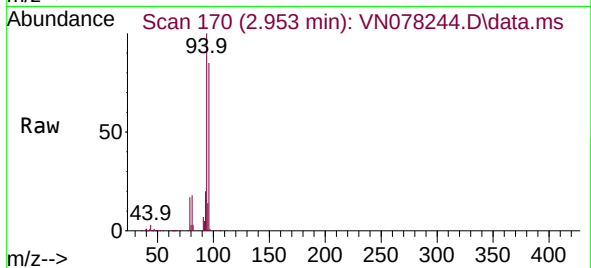
Tgt Ion: 62 Resp: 261717
Ion Ratio Lower Upper
62 100
64 32.5 26.2 39.2





#5
Bromomethane
Concen: 45.484 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078244.D
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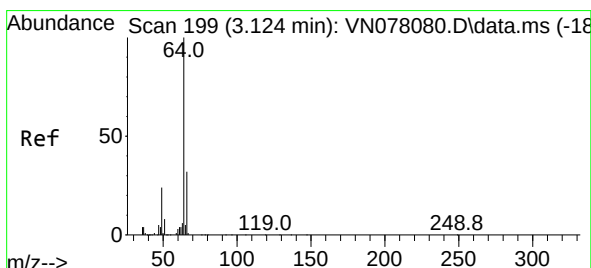
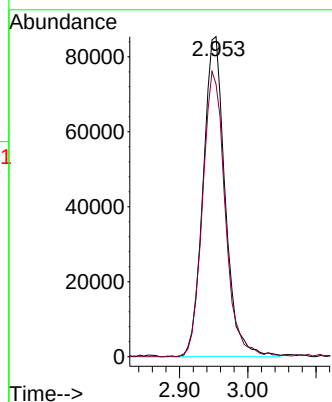
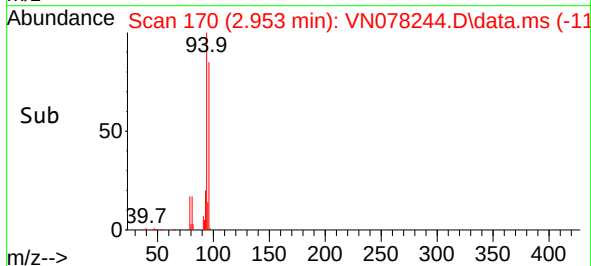
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Tgt Ion: 94 Resp: 191848
Ion Ratio Lower Upper
94 100
96 84.8 73.1 109.7

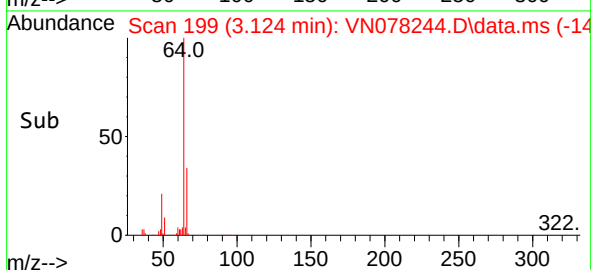
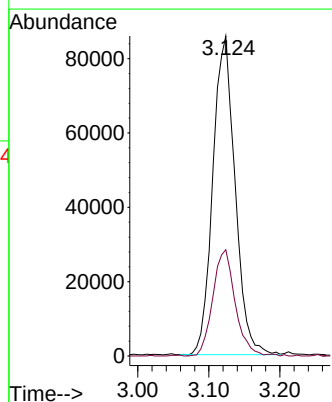
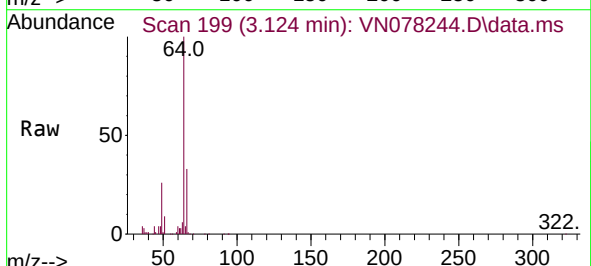
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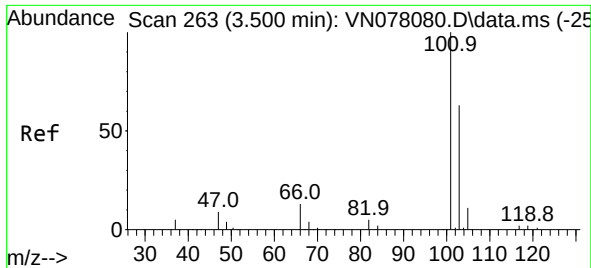
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#6
Chloroethane
Concen: 48.969 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN078244.D
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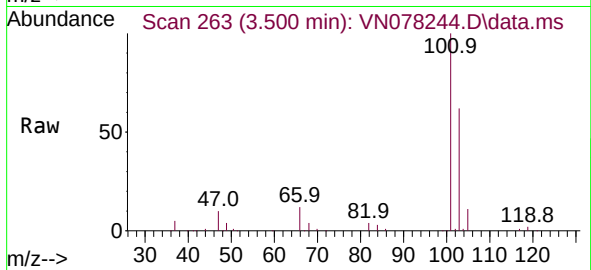
Tgt Ion: 64 Resp: 186314
Ion Ratio Lower Upper
64 100
66 33.3 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 46.671 ug/l
 RT: 3.500 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VN078244.D
 Acq: 15 Jun 2023 21:34

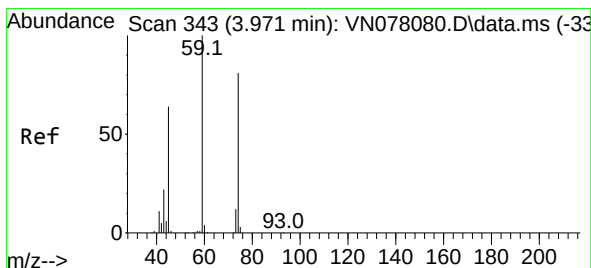
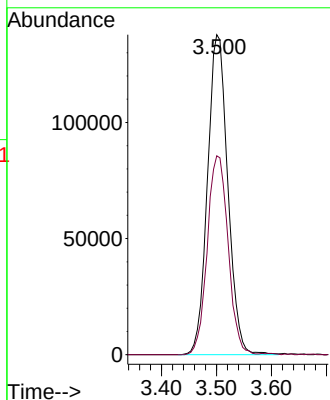
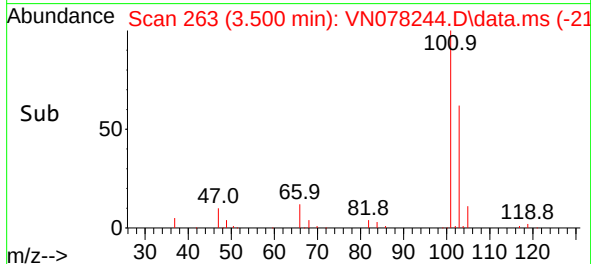
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Tgt Ion:101 Resp: 35323
 Ion Ratio Lower Upper
 101 100
 103 62.1 50.7 76.1

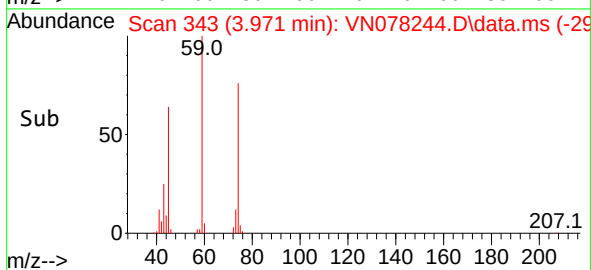
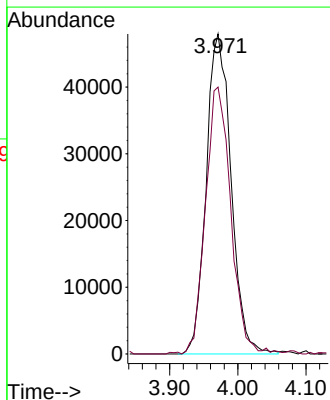
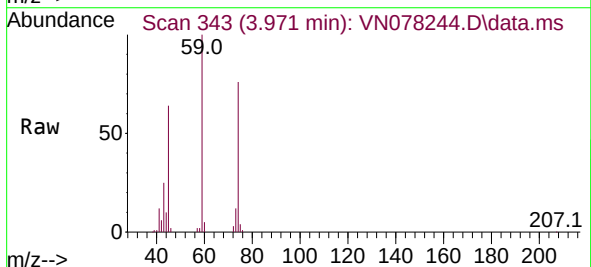
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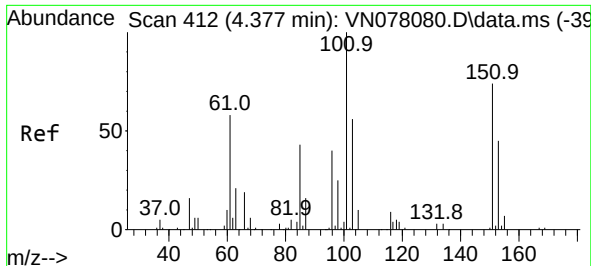
Reviewed By :John Carlone 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023



#8
 Diethyl Ether
 Concen: 45.778 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. -0.000 min
 Lab File: VN078244.D
 Acq: 15 Jun 2023 21:34

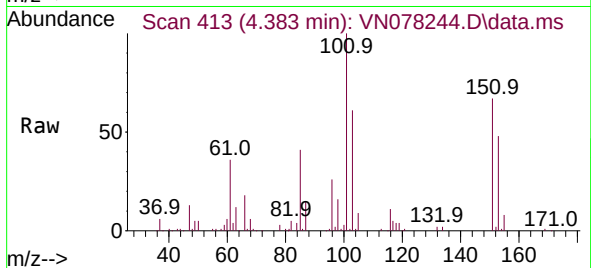
Tgt Ion: 74 Resp: 121741
 Ion Ratio Lower Upper
 74 100
 45 84.3 34.4 103.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.434 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

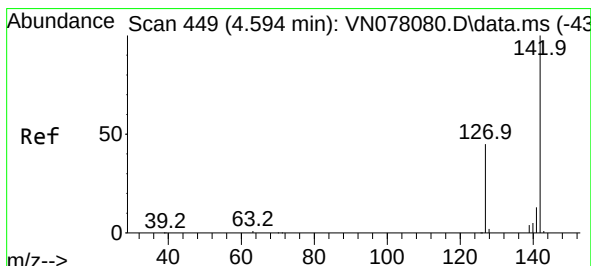
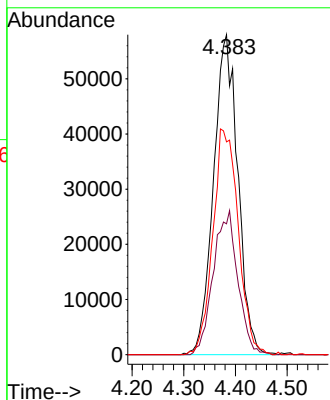
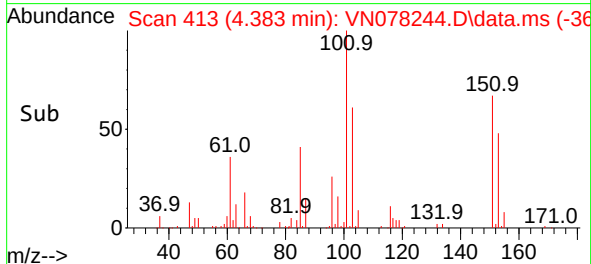
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-4S-06122023MS



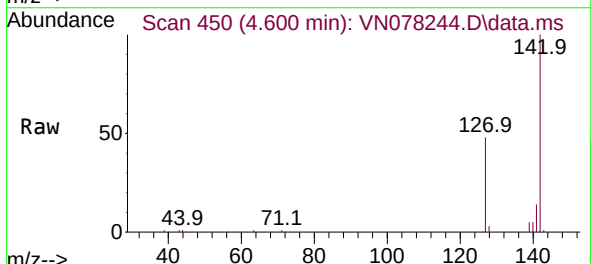
Tgt Ion:101 Resp: 189469
Ion Ratio Lower Upper
101 100
85 45.4 36.6 55.0
151 73.7 57.6 86.4

Manual Integrations
APPROVED

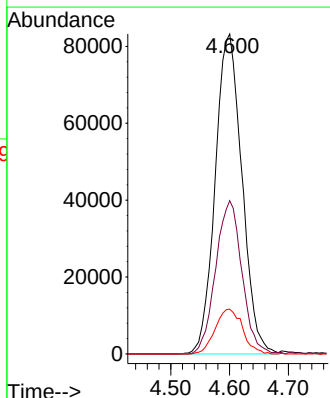
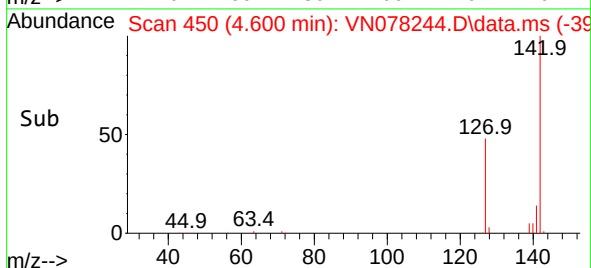
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

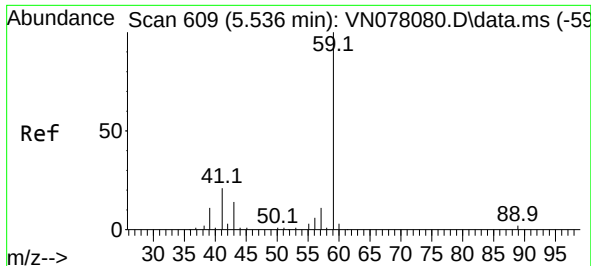


#10
Methyl Iodide
Concen: 46.590 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34



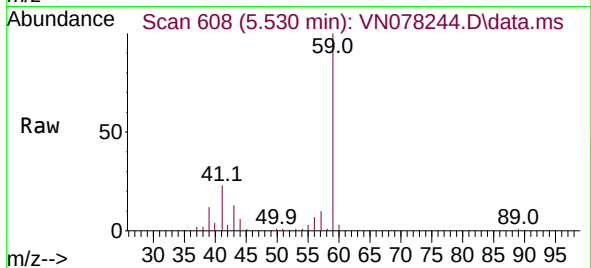
Tgt Ion:142 Resp: 263179
Ion Ratio Lower Upper
142 100
127 47.9 37.6 56.4
141 14.0 11.4 17.0





#11
Tert butyl alcohol
Concen: 226.218 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

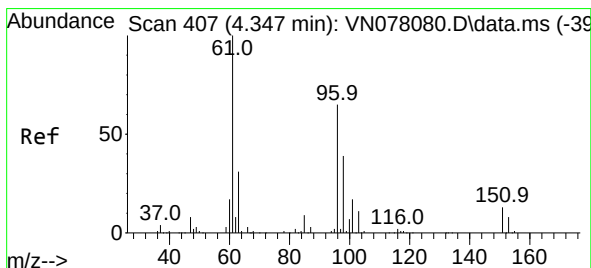
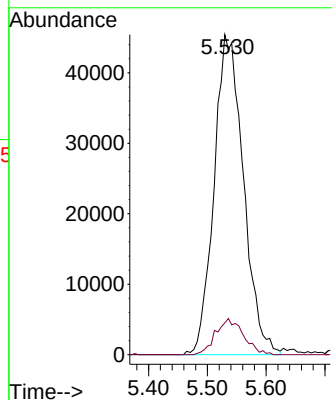
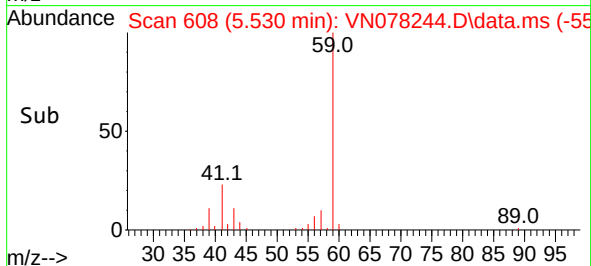
Instrument : MSVOA_N
Client SampleId : FSND-MW-EVAL-4S-06122023MS



Tgt Ion: 59 Resp: 157035
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

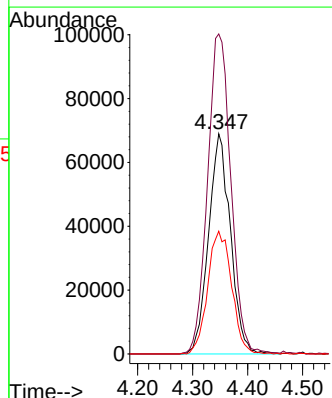
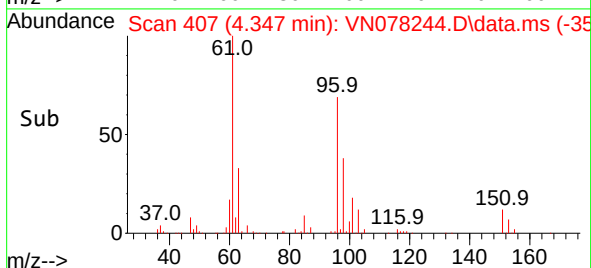
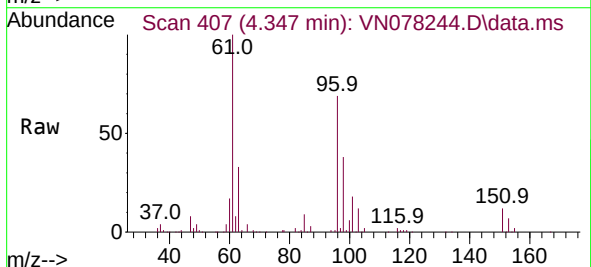
Manual Integrations
APPROVED

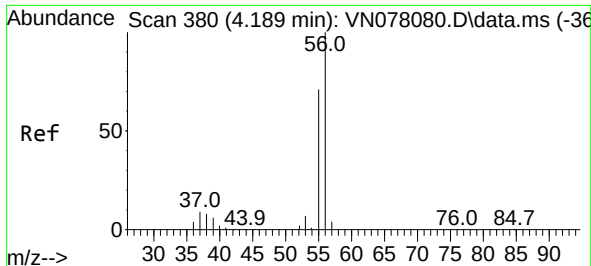
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#12
1,1-Dichloroethene
Concen: 46.349 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

Tgt Ion: 96 Resp: 190843
Ion Ratio Lower Upper
96 100
61 145.3 112.7 169.1
98 55.7 51.2 76.8





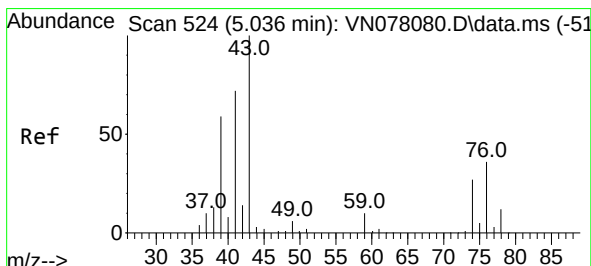
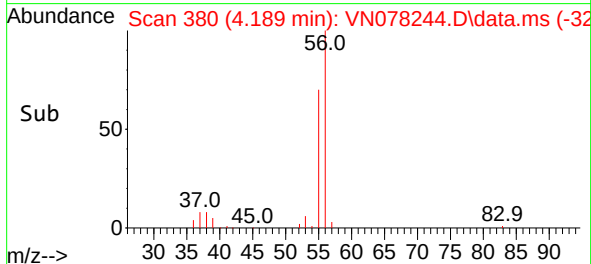
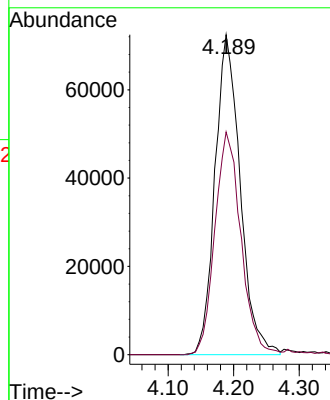
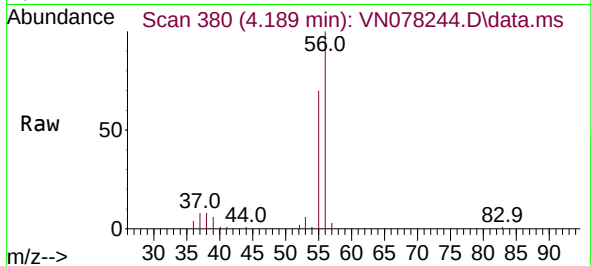
#13
Acrolein
Concen: 252.253 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-4S-06122023MS

Tgt Ion: 56 Resp: 192992
Ion Ratio Lower Upper
56 100
55 71.8 54.5 81.7

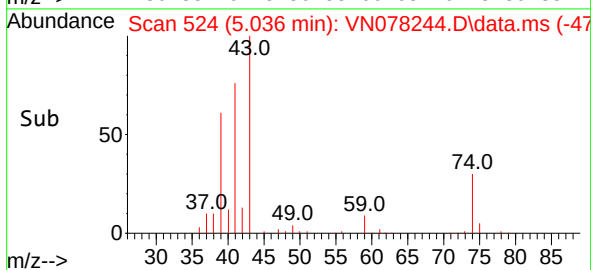
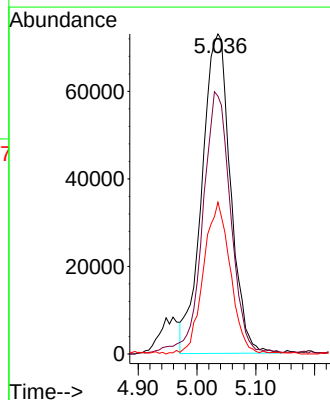
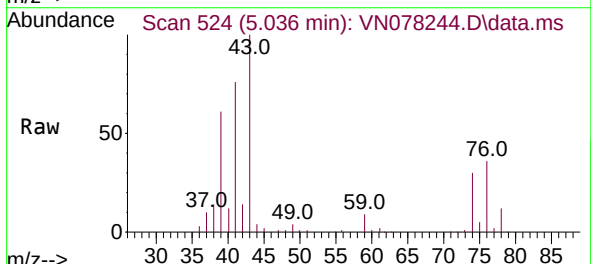
Manual Integrations
APPROVED

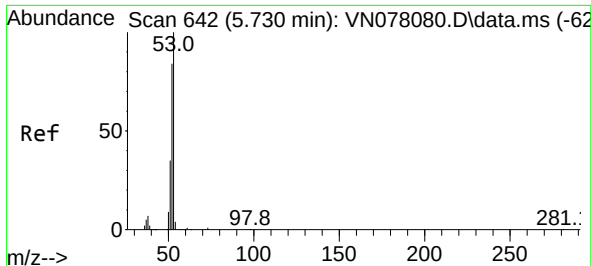
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#14
Allyl chloride
Concen: 49.048 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

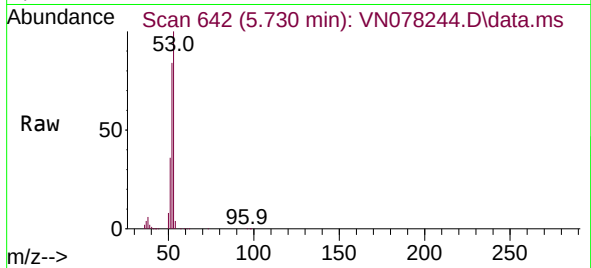
Tgt Ion: 41 Resp: 246529
Ion Ratio Lower Upper
41 100
39 79.6 58.8 88.2
76 44.4 39.1 58.7





#15
Acrylonitrile
Concen: 270.235 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

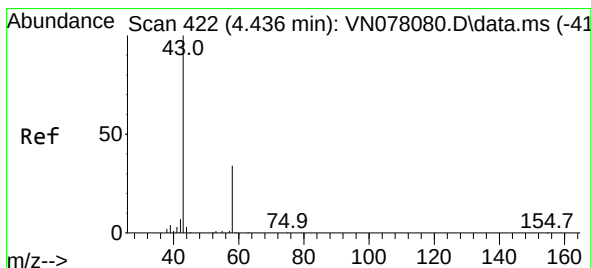
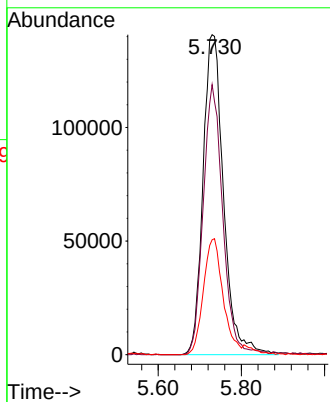
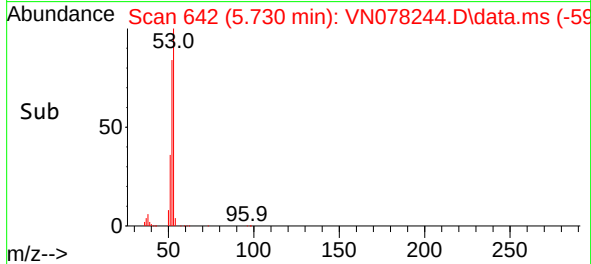
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-4S-06122023MS



Tgt Ion: 53 Resp: 483638
Ion Ratio Lower Upper
53 100
52 80.2 65.3 97.9
51 34.7 28.9 43.3

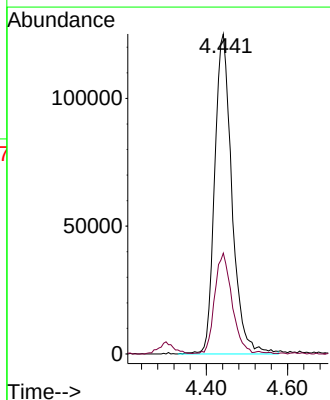
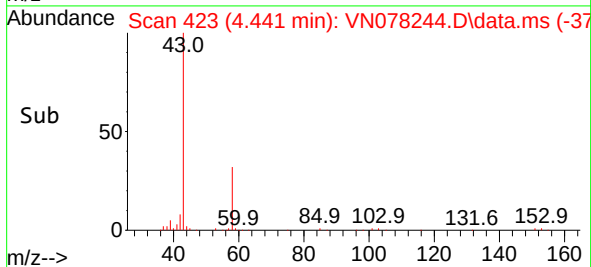
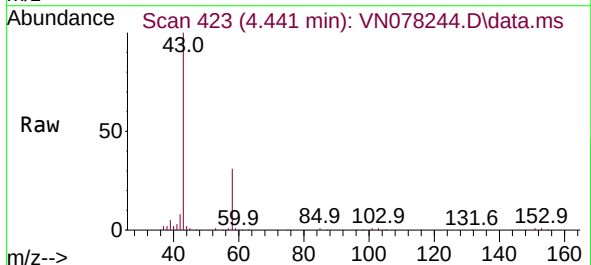
Manual Integrations
APPROVED

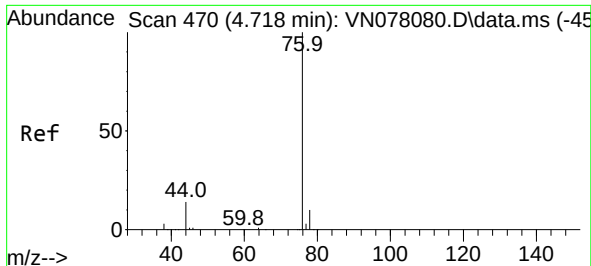
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#16
Acetone
Concen: 255.726 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

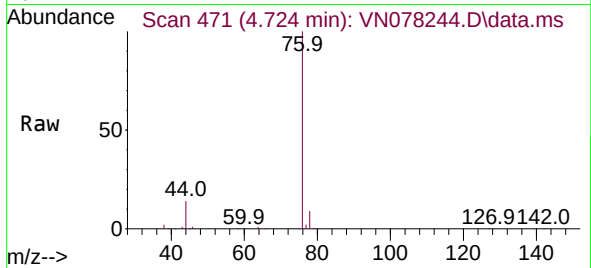
Tgt Ion: 43 Resp: 370052
Ion Ratio Lower Upper
43 100
58 31.3 28.0 42.0





#17
Carbon Disulfide
Concen: 42.080 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

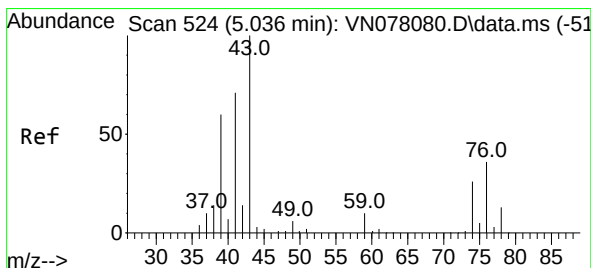
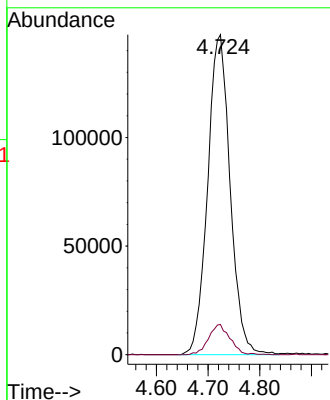
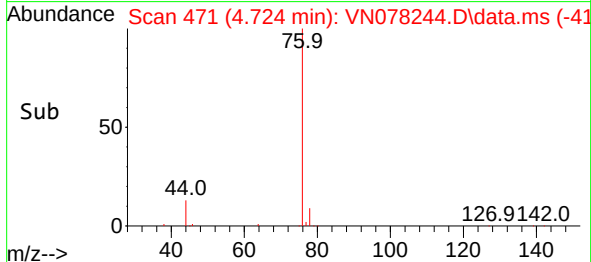
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-4S-06122023MS



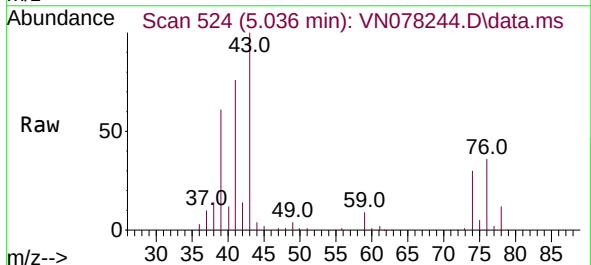
Tgt Ion: 76 Resp: 445970
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

Manual Integrations
APPROVED

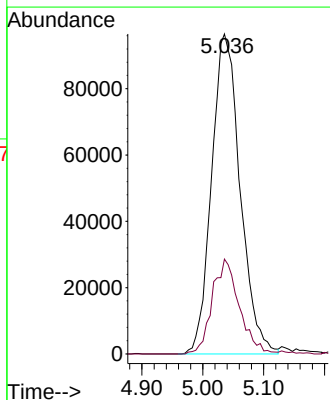
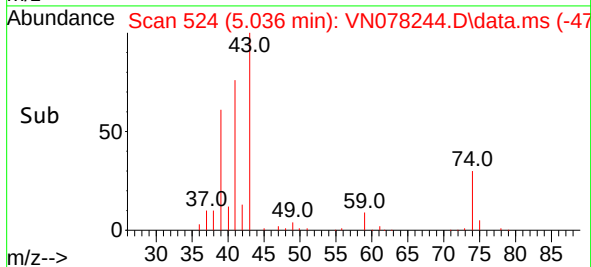
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

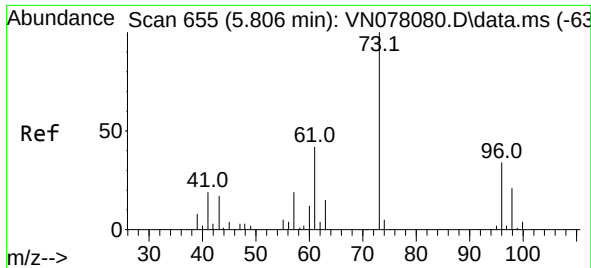


#18
Methyl Acetate
Concen: 47.218 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34



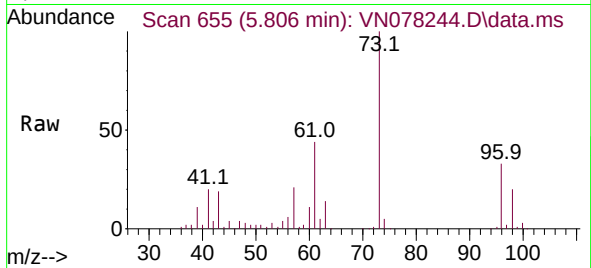
Tgt Ion: 43 Resp: 314580
Ion Ratio Lower Upper
43 100
74 28.0 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 49.666 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

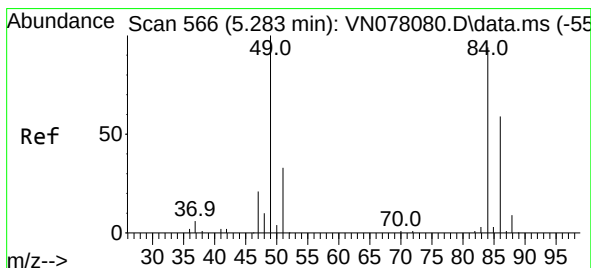
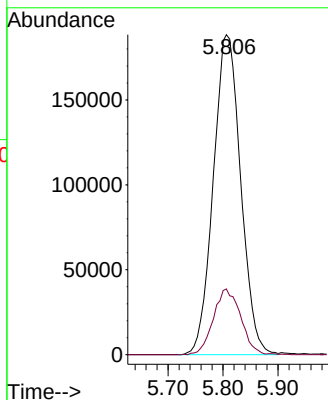
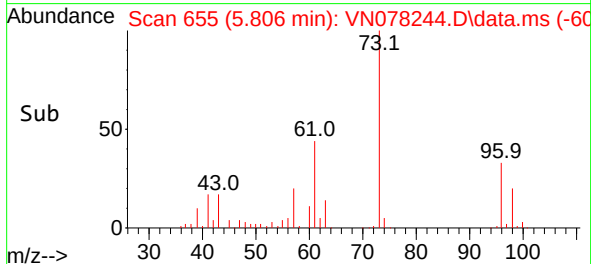
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-4S-06122023MS



Tgt Ion: 73 Resp: 65247
Ion Ratio Lower Upper
73 100
57 20.6 15.6 23.4

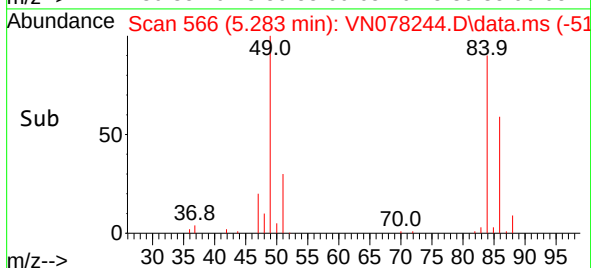
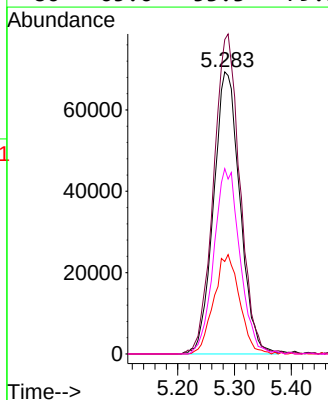
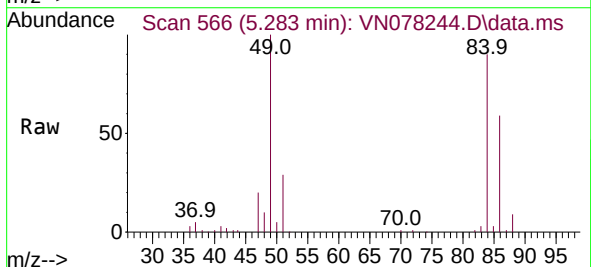
Manual Integrations
APPROVED

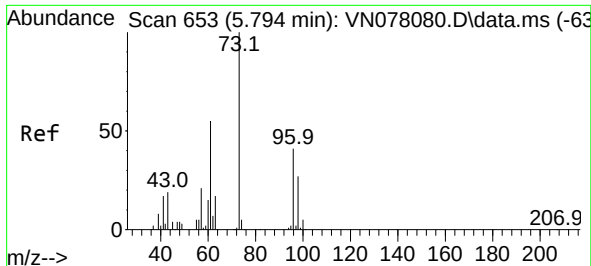
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#20
Methylene Chloride
Concen: 46.740 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

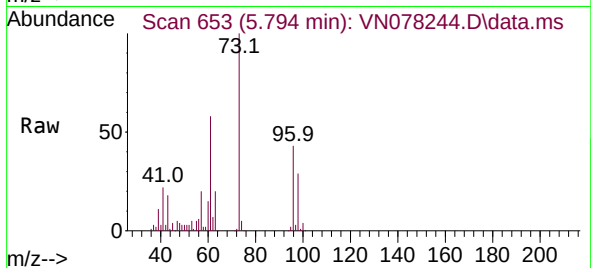
Tgt Ion: 84 Resp: 223503
Ion Ratio Lower Upper
84 100
49 111.4 79.7 119.5
51 32.8 25.2 37.8
86 65.6 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 46.673 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

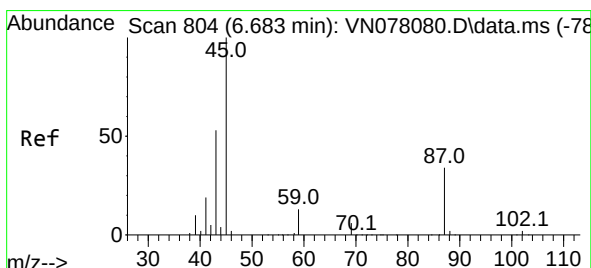
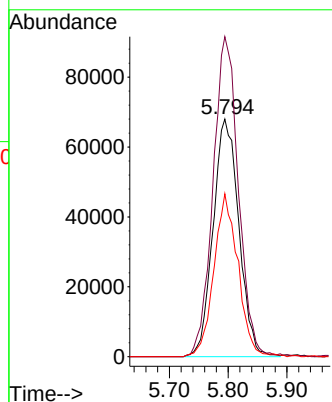
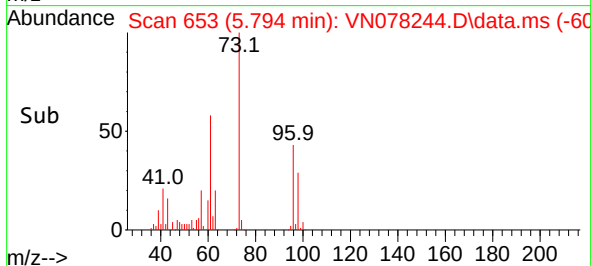
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-4S-06122023MS



Tgt Ion: 96 Resp: 207274
Ion Ratio Lower Upper
96 100
61 134.7 90.1 135.1
98 68.5 46.4 69.6

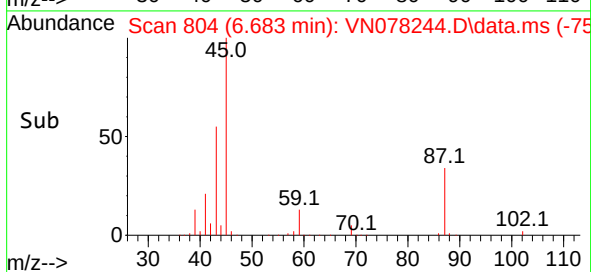
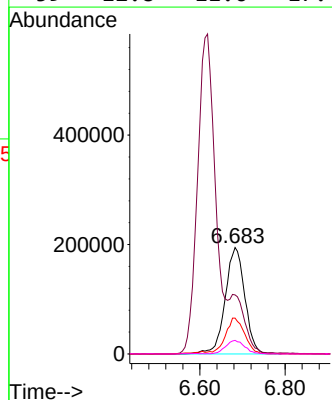
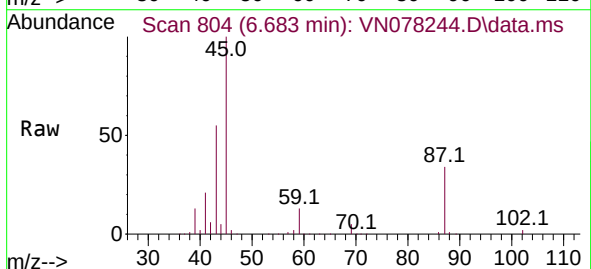
Manual Integrations
APPROVED

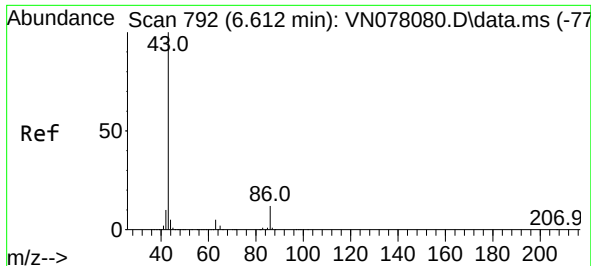
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#22
Diisopropyl ether
Concen: 52.500 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

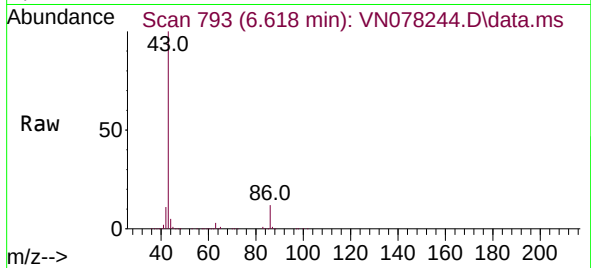
Tgt Ion: 45 Resp: 620700
Ion Ratio Lower Upper
45 100
43 54.5 45.5 68.3
87 33.6 31.8 47.8
59 12.8 11.6 17.4





#23
 Vinyl Acetate
 Concen: 244.020 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078244.D
 Acq: 15 Jun 2023 21:34

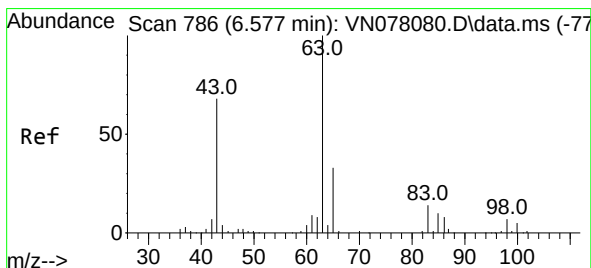
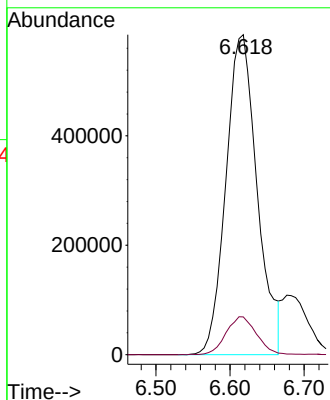
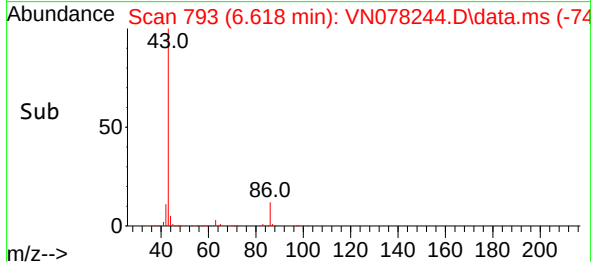
Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-EVAL-4S-06122023MS



Tgt Ion: 43 Resp: 1714984
 Ion Ratio Lower Upper
 43 100
 86 11.8 13.0 19.6

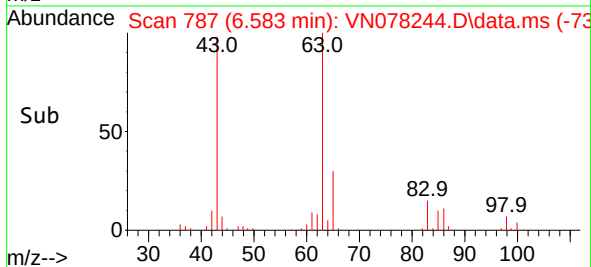
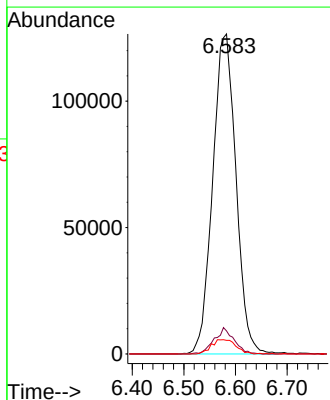
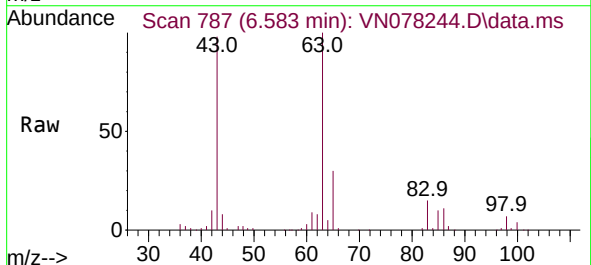
Manual Integrations
 APPROVED

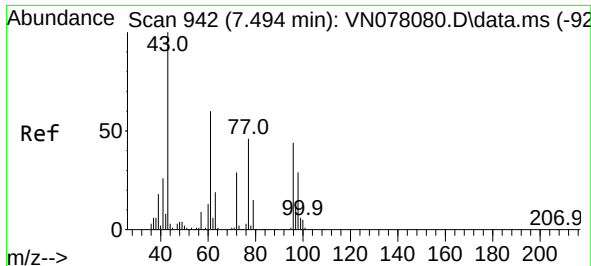
Reviewed By :John Carlone 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023



#24
 1,1-Dichloroethane
 Concen: 50.772 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078244.D
 Acq: 15 Jun 2023 21:34

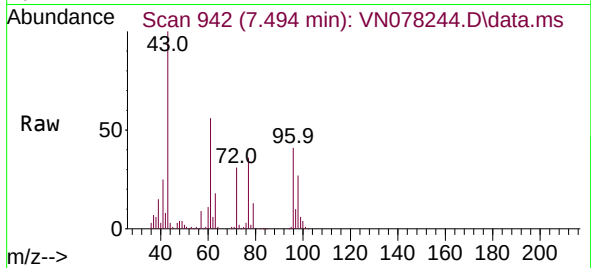
Tgt Ion: 63 Resp: 395985
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 4.3 2.5 7.4





#25
2-Butanone
Concen: 267.798 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

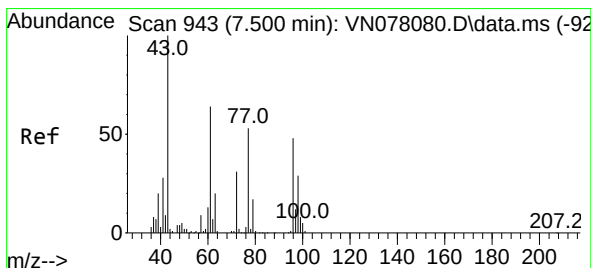
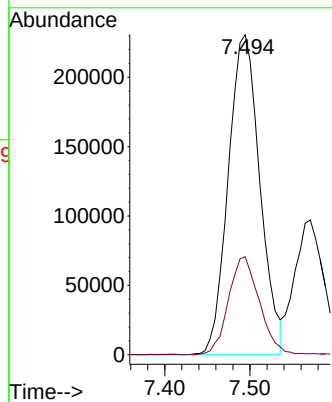
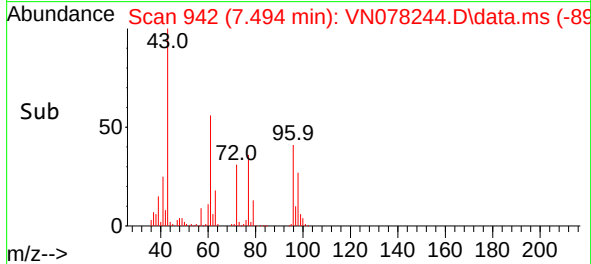
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-4S-06122023MS



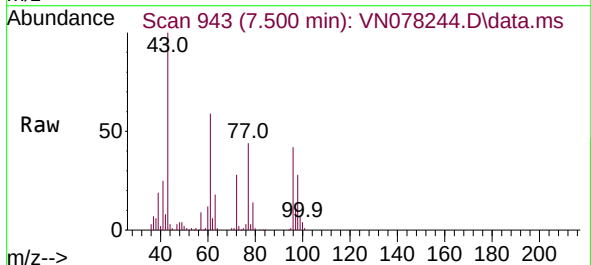
Tgt Ion: 43 Resp: 595924
Ion Ratio Lower Upper
43 100
72 30.6 30.2 45.2

Manual Integrations
APPROVED

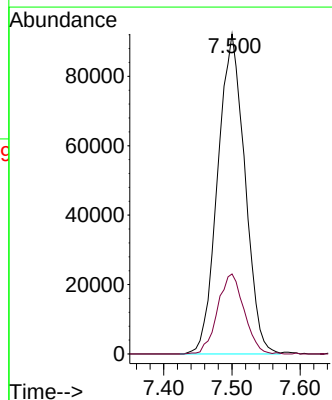
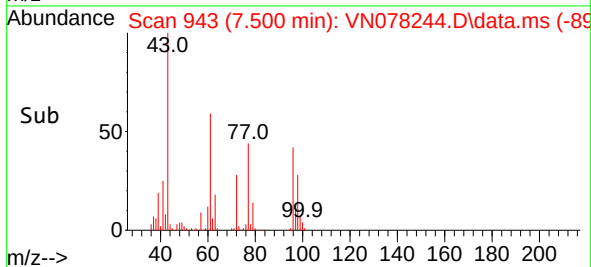
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

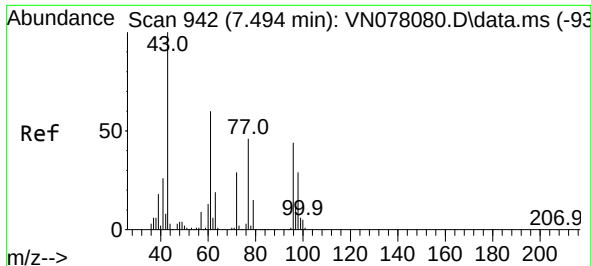


#26
2,2-Dichloropropane
Concen: 44.374 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34



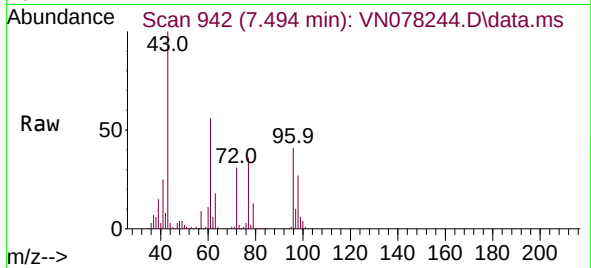
Tgt Ion: 77 Resp: 255540
Ion Ratio Lower Upper
77 100
97 24.4 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 47.936 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. -0.000 min
 Lab File: VN078244.D
 Acq: 15 Jun 2023 21:34

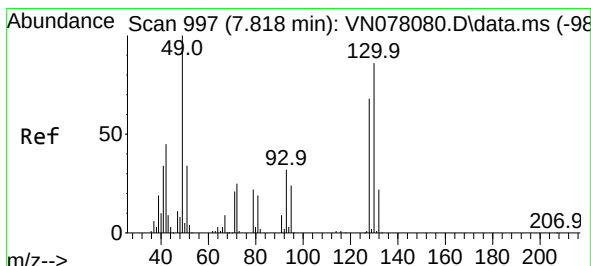
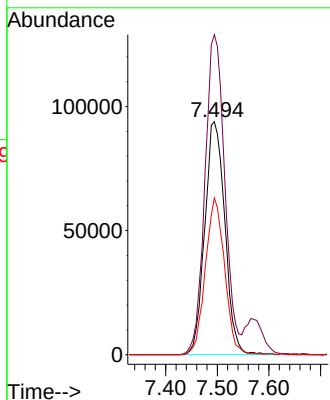
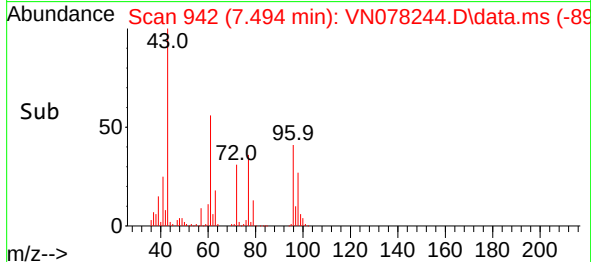
Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-EVAL-4S-06122023MS



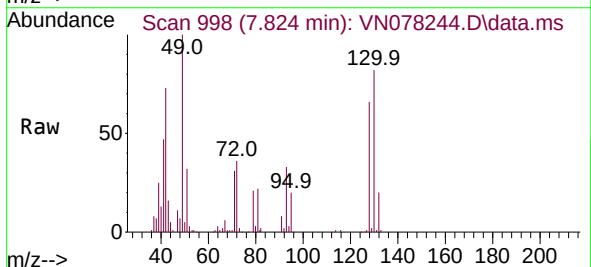
Tgt Ion: 96 Resp: 25393
 Ion Ratio Lower Upper
 96 100
 61 135.7 0.0 255.2
 98 64.4 0.0 128.8

Manual Integrations
 APPROVED

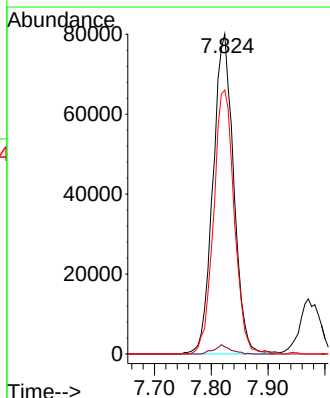
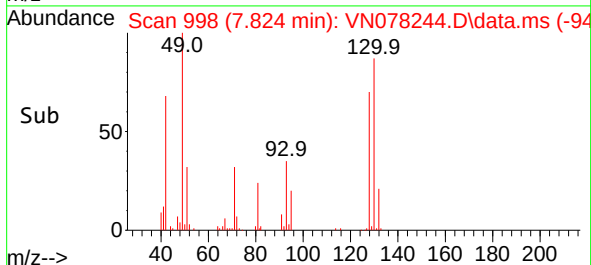
Reviewed By :John Carlone 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023

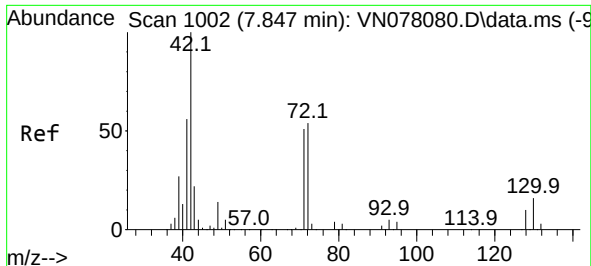


#28
 Bromochloromethane
 Concen: 56.498 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078244.D
 Acq: 15 Jun 2023 21:34



Tgt Ion: 49 Resp: 202318
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.8
 130 82.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 264.113 ug/l

RT: 7.841 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-4S-06122023MS

Tgt Ion: 42 Resp: 392890

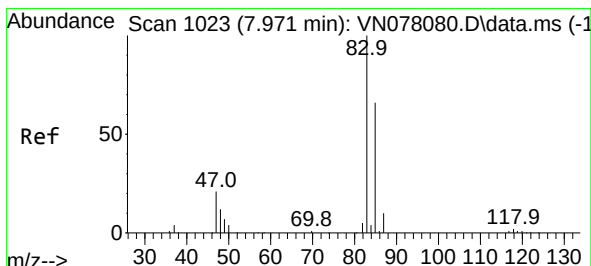
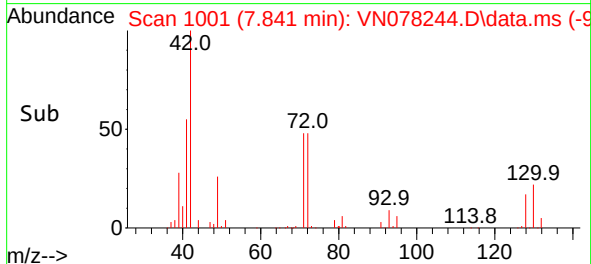
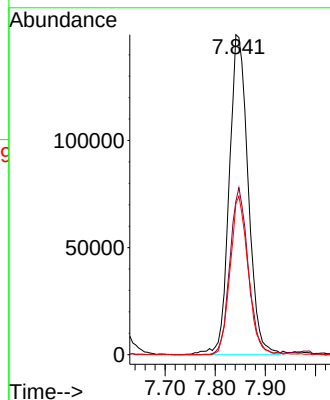
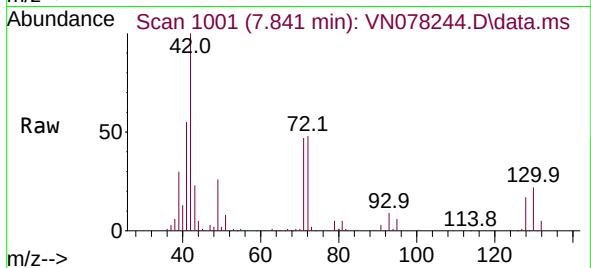
Ion	Ratio	Lower	Upper
42	100		
72	50.2	49.8	74.6
71	47.5	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#30

Chloroform

Concen: 51.425 ug/l

RT: 7.977 min Scan# 1024

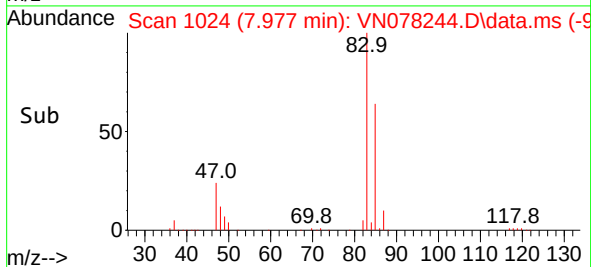
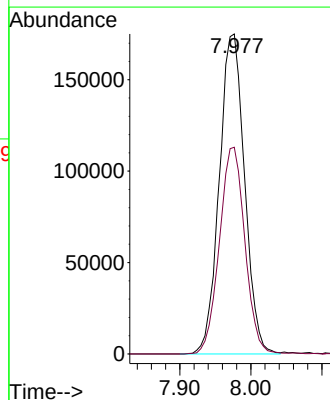
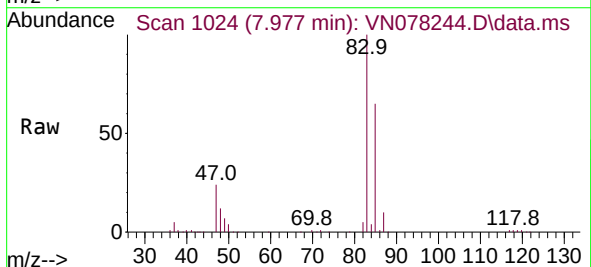
Delta R.T. 0.006 min

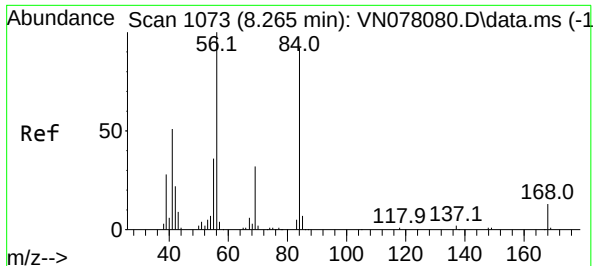
Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

Tgt Ion: 83 Resp: 431888

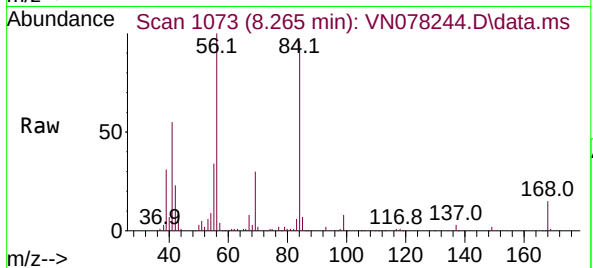
Ion	Ratio	Lower	Upper
83	100		
85	64.6	55.4	83.0





#31
Cyclohexane
Concen: 46.641 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

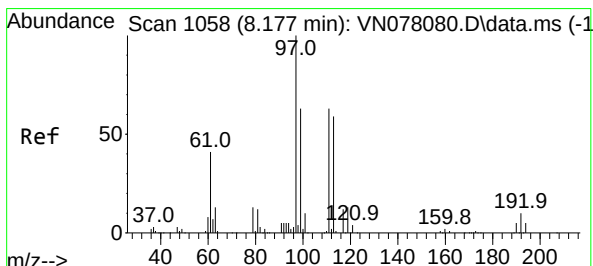
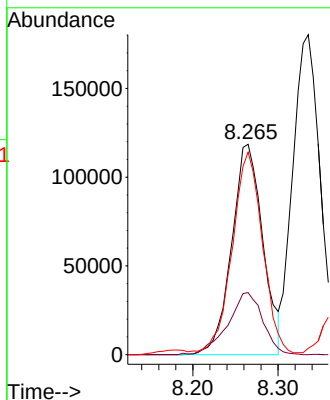
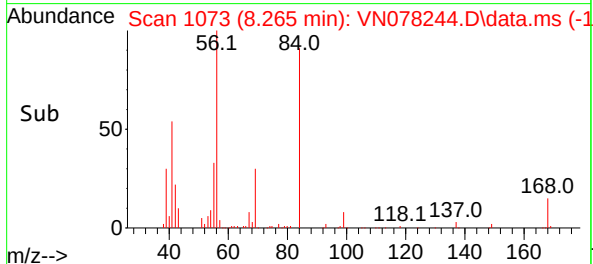
Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-4S-06122023MS



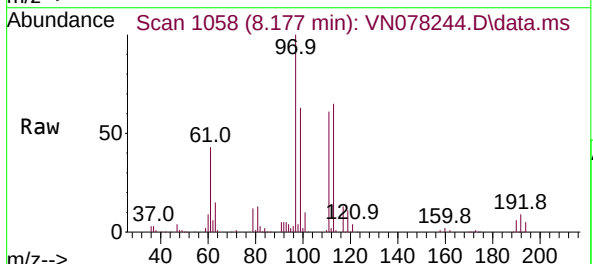
Tgt Ion: 56 Resp: 30078
Ion Ratio Lower Upper
56 100
69 29.5 26.8 40.2
84 94.1 81.8 122.6

Manual Integrations
APPROVED

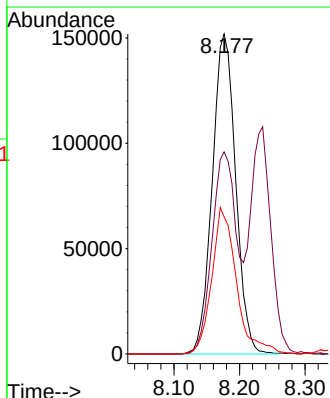
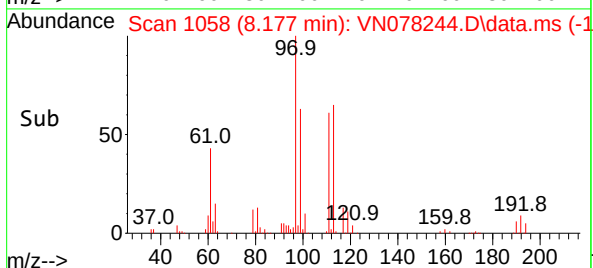
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

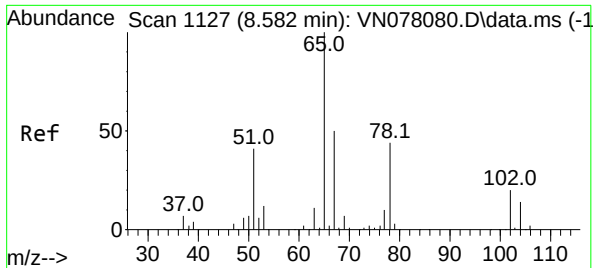


#32
1,1,1-Trichloroethane
Concen: 51.016 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34



Tgt Ion: 97 Resp: 376151
Ion Ratio Lower Upper
97 100
99 67.2 50.3 75.5
61 48.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 53.785 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-4S-06122023MS

Tgt Ion: 65 Resp: 27039

Ion Ratio Lower Upper

65 100

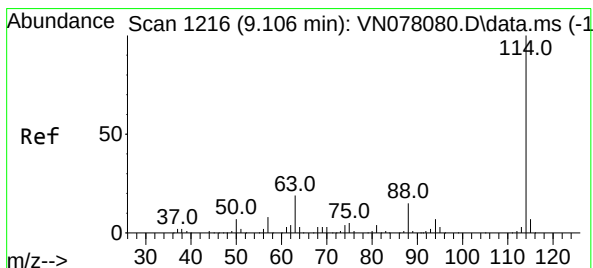
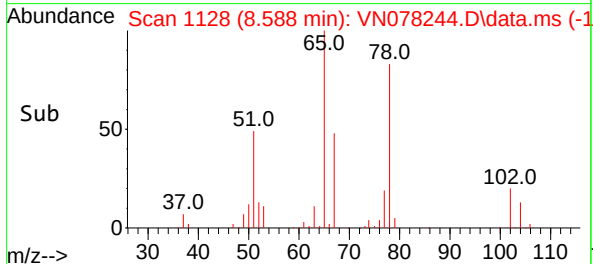
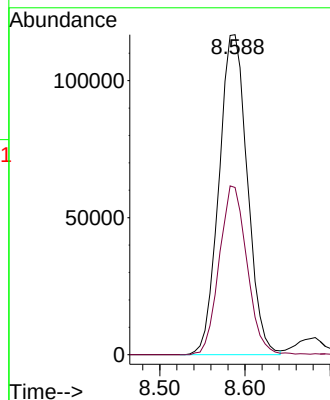
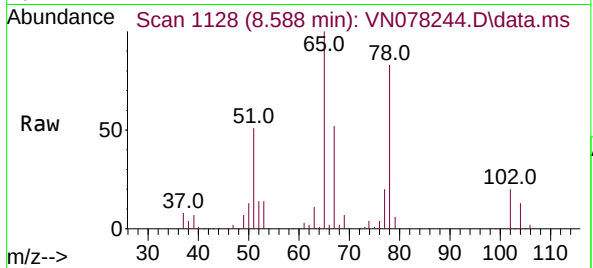
67 51.6 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

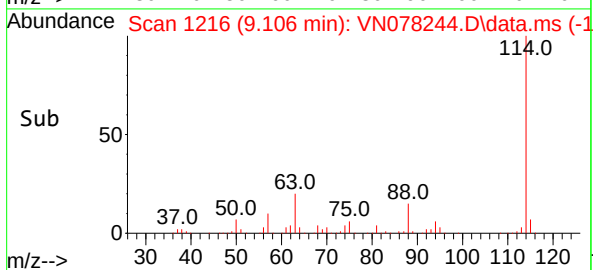
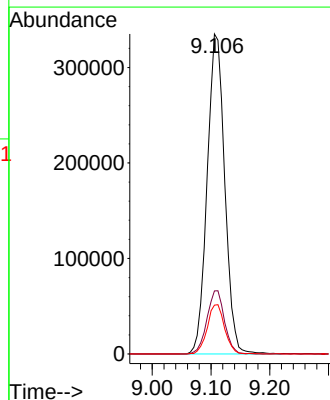
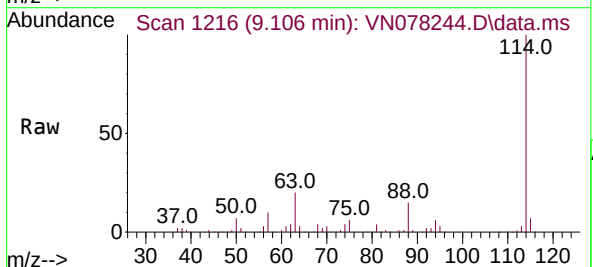
Tgt Ion:114 Resp: 696148

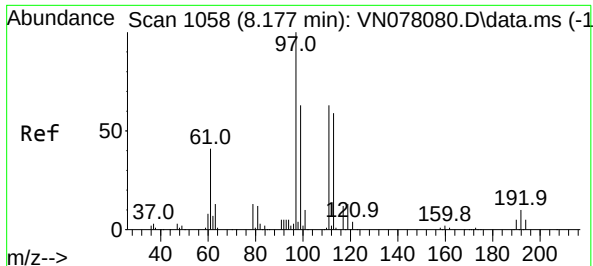
Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.4

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.395 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-4S-06122023MS

Tgt Ion: 113 Resp: 22622

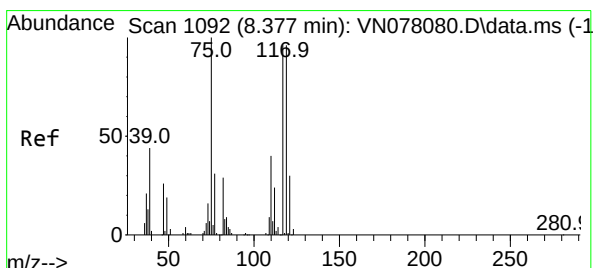
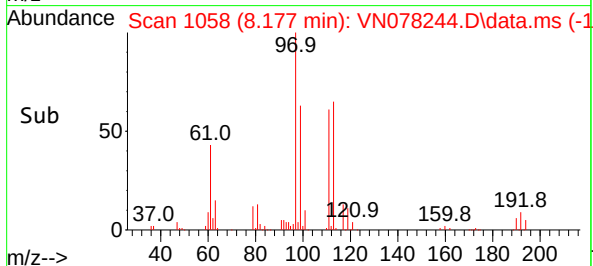
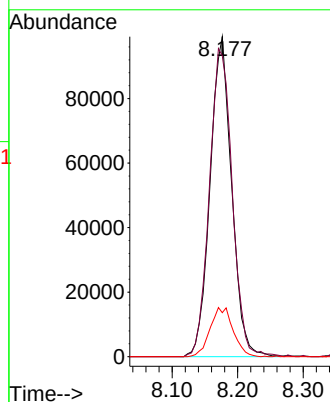
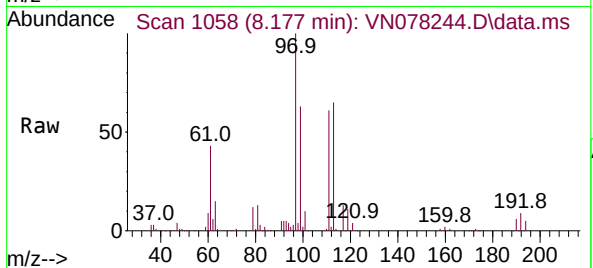
Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.6	123.8
192	16.5	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#36

1,1-Dichloropropene

Concen: 48.339 ug/l

RT: 8.377 min Scan# 1092

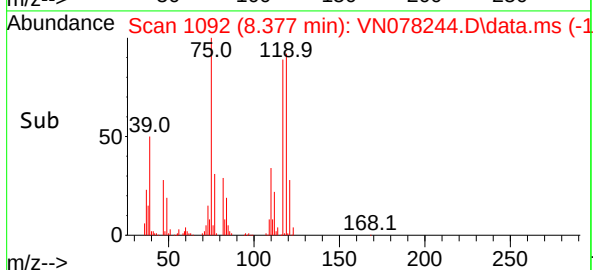
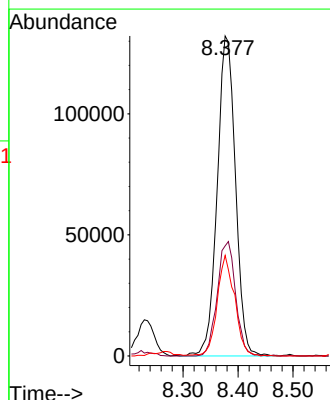
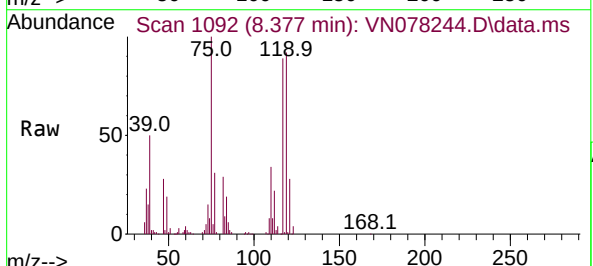
Delta R.T. -0.000 min

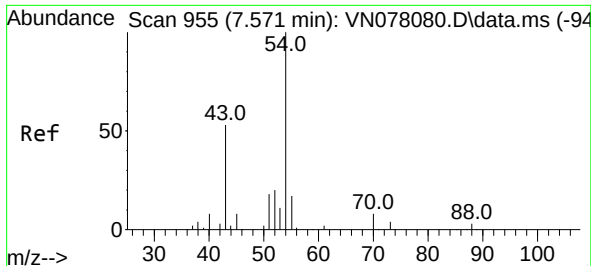
Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

Tgt Ion: 75 Resp: 305194

Ion	Ratio	Lower	Upper
75	100		
110	36.0	19.1	57.3
77	30.1	25.0	37.4





#37

Ethyl Acetate

Concen: 49.351 ug/l

RT: 7.571 min Scan# 955

Delta R.T. -0.000 min

Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-4S-06122023MS

Tgt Ion: 43 Resp: 24341

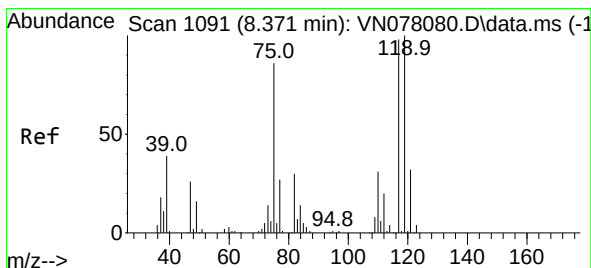
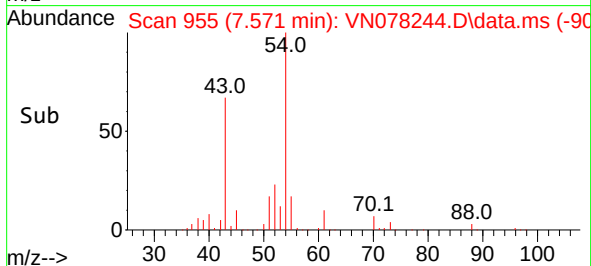
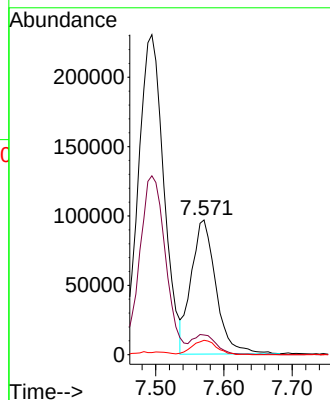
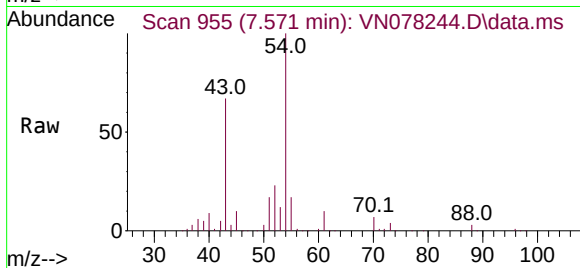
Ion	Ratio	Lower	Upper
43	100		
61	13.9	13.2	19.8
70	10.7	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#38

Carbon Tetrachloride

Concen: 49.618 ug/l

RT: 8.371 min Scan# 1091

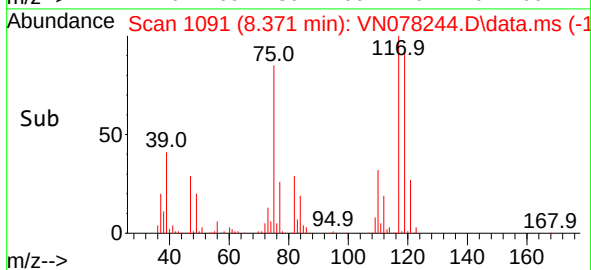
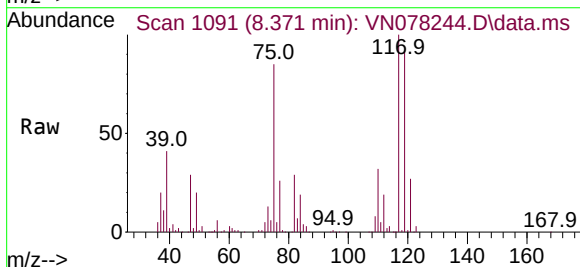
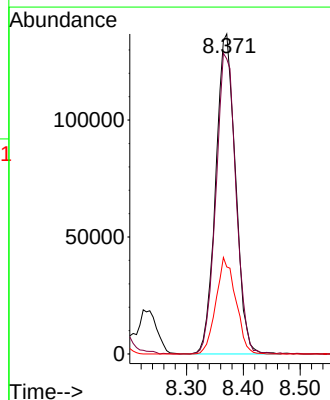
Delta R.T. -0.000 min

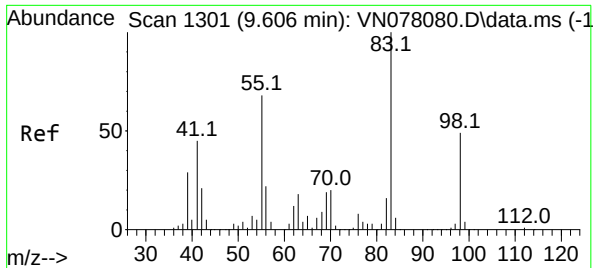
Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

Tgt Ion:117 Resp: 330786

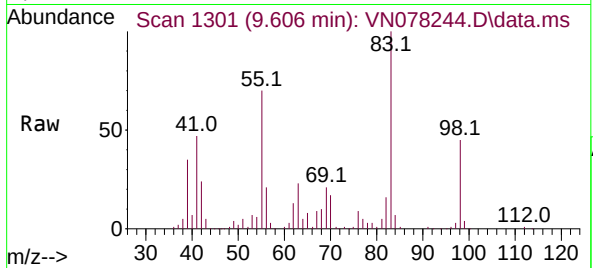
Ion	Ratio	Lower	Upper
117	100		
119	92.2	77.3	115.9
121	27.2	23.3	34.9





#39
Methylcyclohexane
Concen: 42.767 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

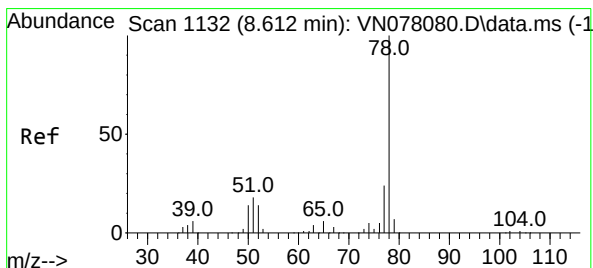
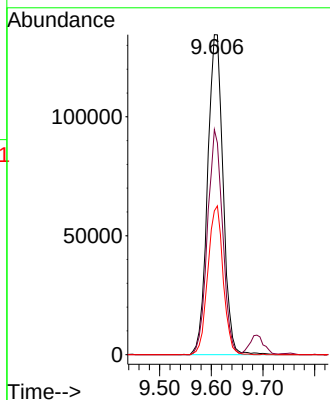
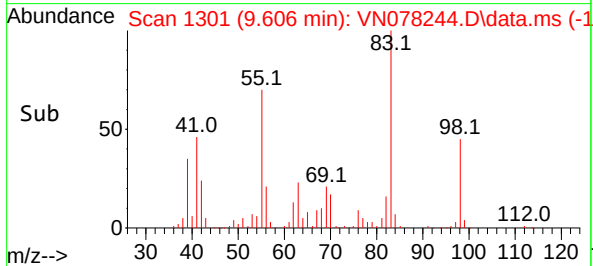
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-4S-06122023MS



Tgt Ion: 83 Resp: 279828
Ion Ratio Lower Upper
83 100
55 70.3 49.1 73.7
98 45.0 40.6 61.0

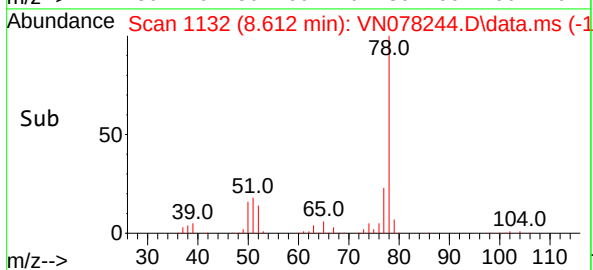
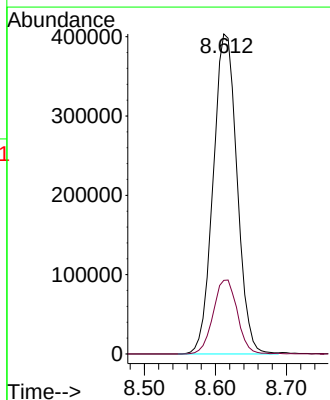
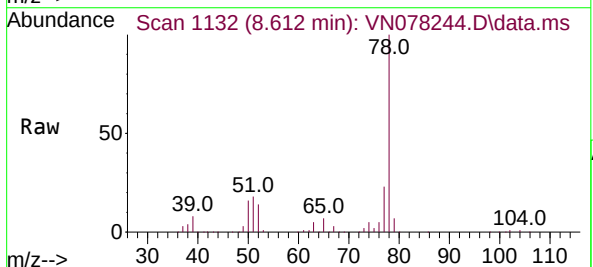
Manual Integrations
APPROVED

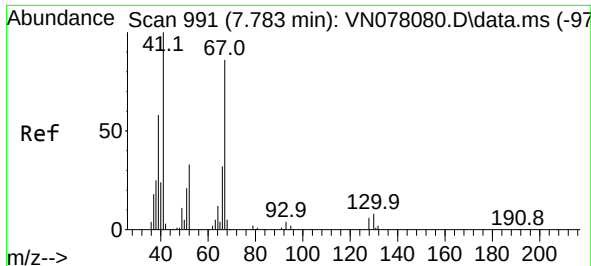
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#40
Benzene
Concen: 49.873 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

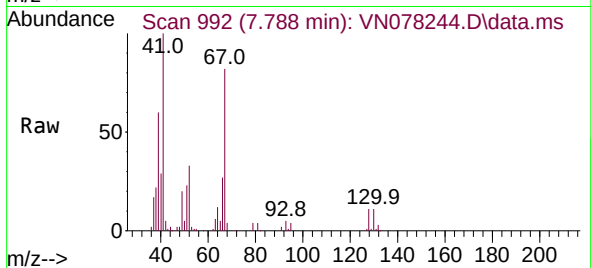
Tgt Ion: 78 Resp: 940045
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6





#41
Methacrylonitrile
Concen: 50.184 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

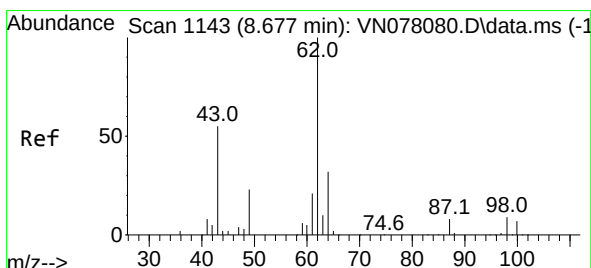
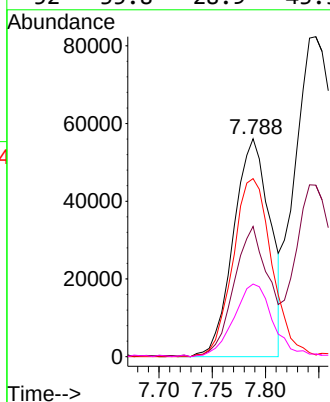
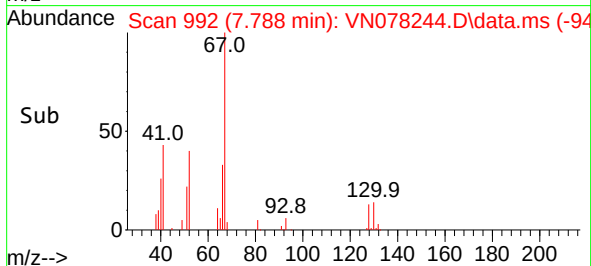
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-4S-06122023MS



Tgt Ion: 41 Resp: 134164
Ion Ratio Lower Upper
41 100
39 56.6 42.6 64.0
67 86.9 77.5 116.3
52 35.8 28.9 43.3

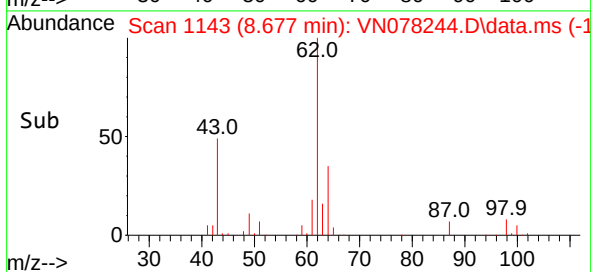
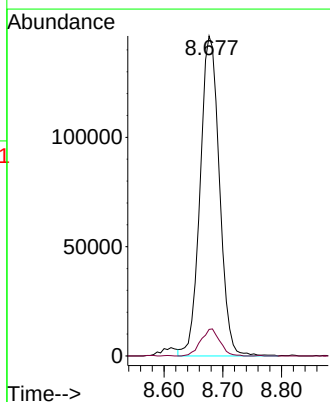
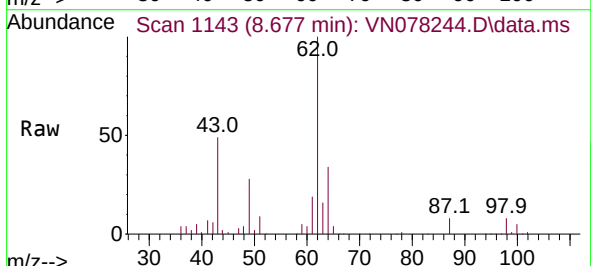
Manual Integrations
APPROVED

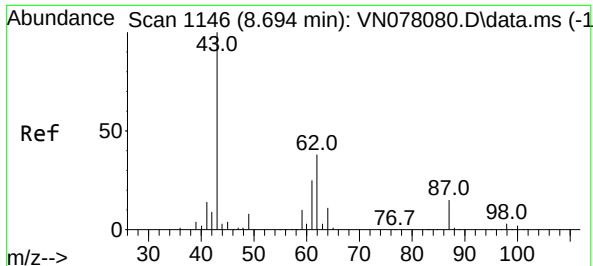
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#42
1,2-Dichloroethane
Concen: 51.629 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

Tgt Ion: 62 Resp: 333662
Ion Ratio Lower Upper
62 100
98 8.4 0.0 19.8





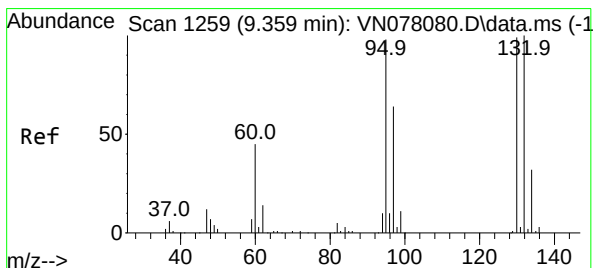
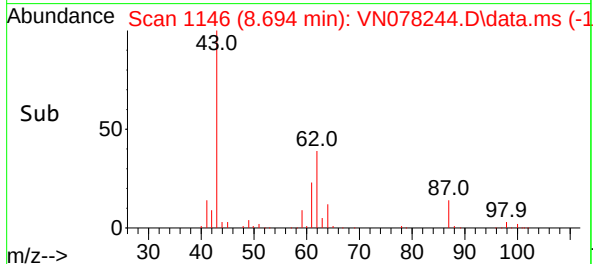
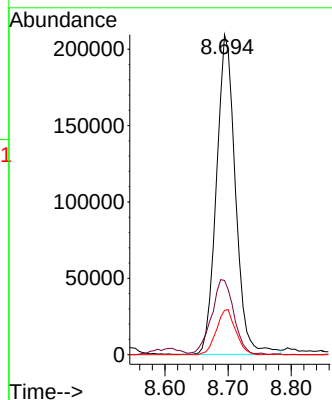
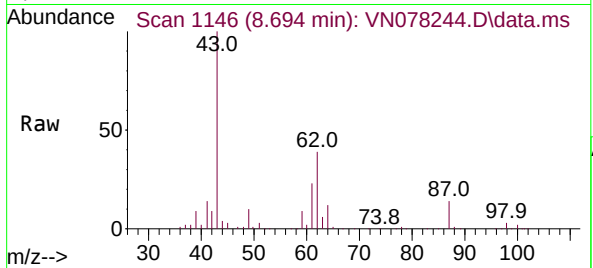
#43
Isopropyl Acetate
Concen: 46.391 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-4S-06122023MS

Tgt Ion: 43 Resp: 43759
Ion Ratio Lower Upper
43 100
61 27.7 24.7 37.1
87 14.3 14.6 21.8

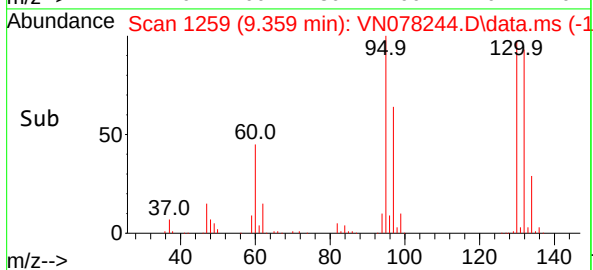
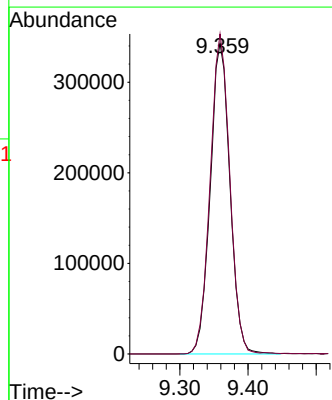
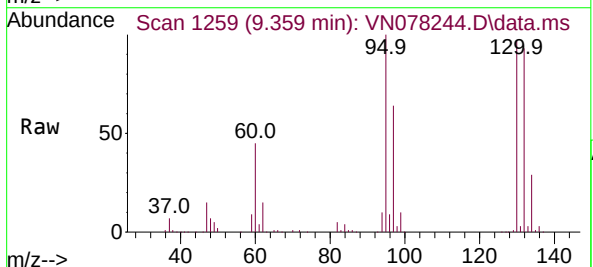
Manual Integrations
APPROVED

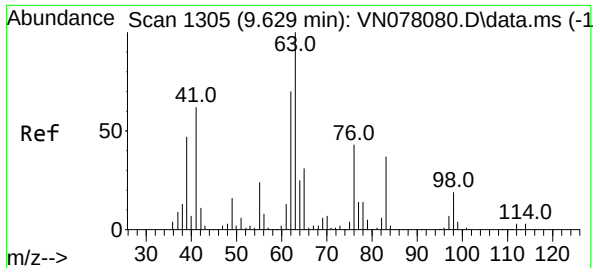
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#44
Trichloroethene
Concen: 138.370 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

Tgt Ion:130 Resp: 688777
Ion Ratio Lower Upper
130 100
95 103.0 0.0 204.6





#45

1,2-Dichloropropane

Concen: 52.126 ug/l

RT: 9.629 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-4S-06122023MS

Tgt Ion: 63 Resp: 244450

Ion Ratio Lower Upper

63 100

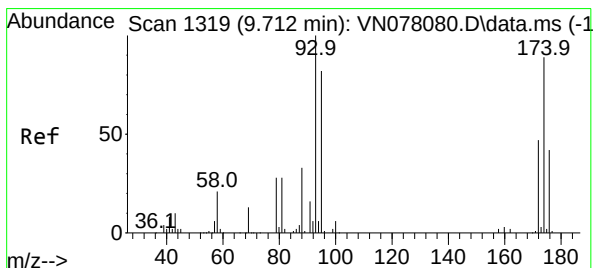
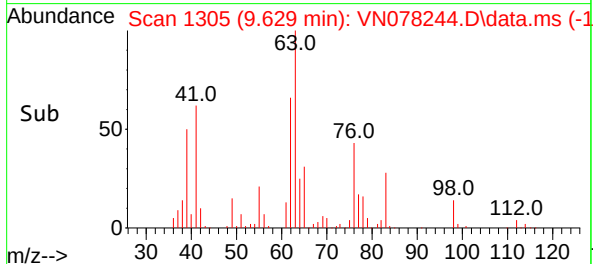
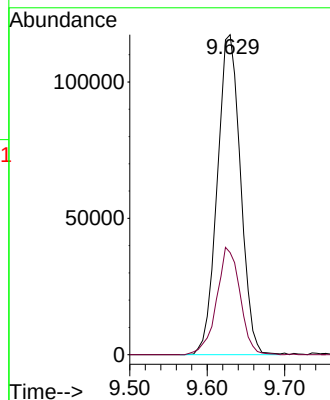
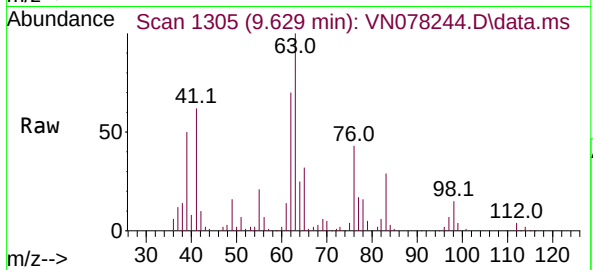
65 31.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#46

Dibromomethane

Concen: 50.253 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

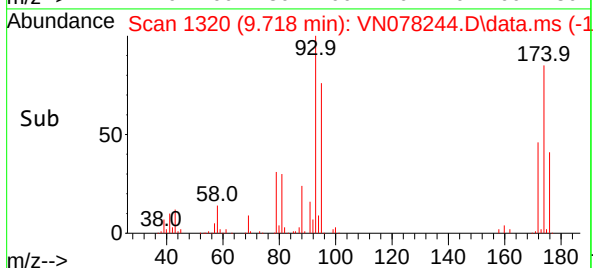
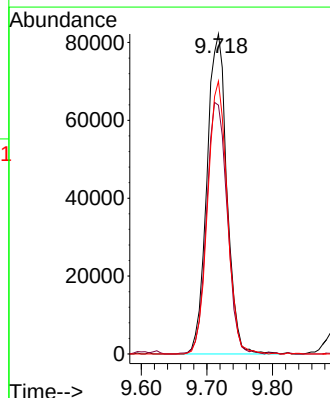
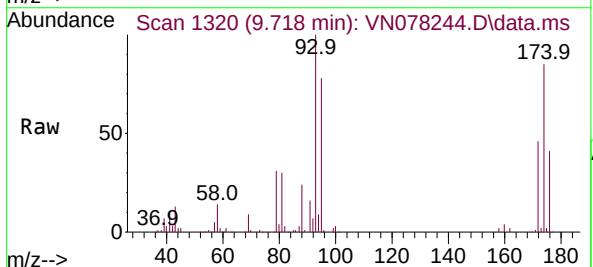
Tgt Ion: 93 Resp: 173586

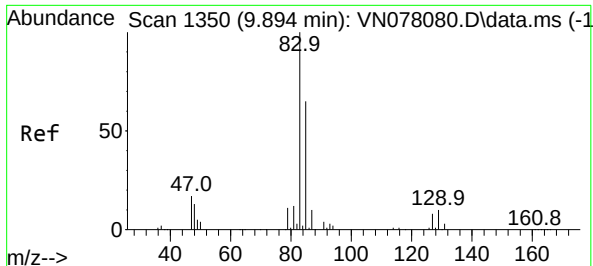
Ion Ratio Lower Upper

93 100

95 81.3 63.8 95.8

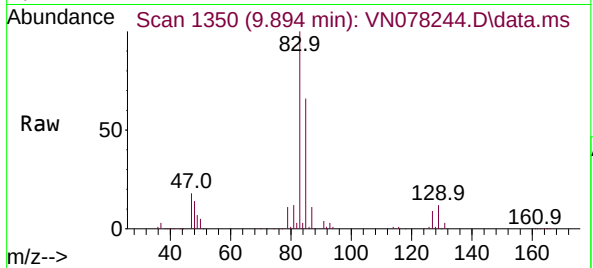
174 83.9 65.6 98.4





#47
Bromodichloromethane
Concen: 52.300 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

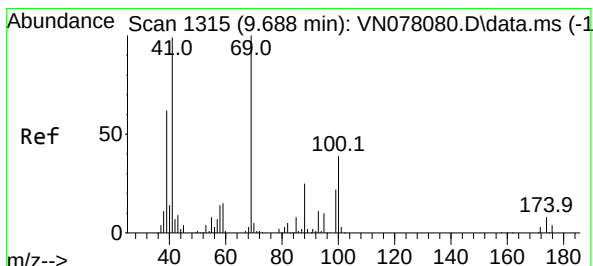
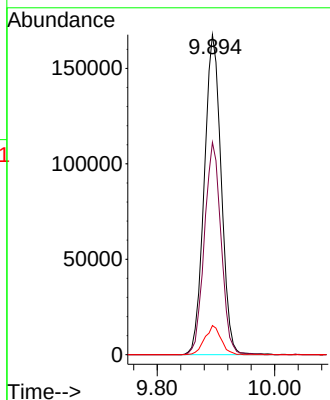
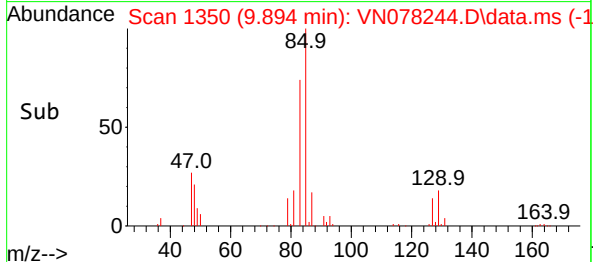
Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-4S-06122023MS



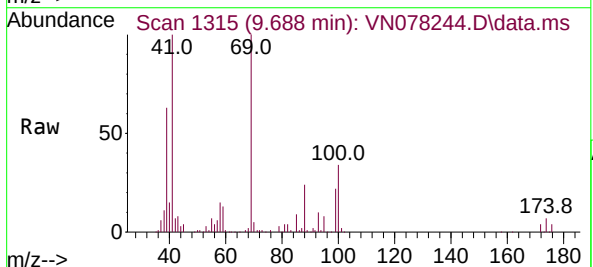
Tgt Ion: 83 Resp: 335570
Ion Ratio Lower Upper
83 100
85 66.3 49.6 74.4
127 9.1 7.0 10.6

Manual Integrations
APPROVED

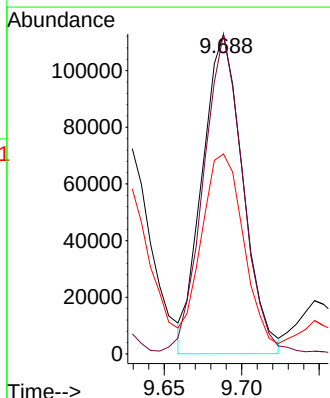
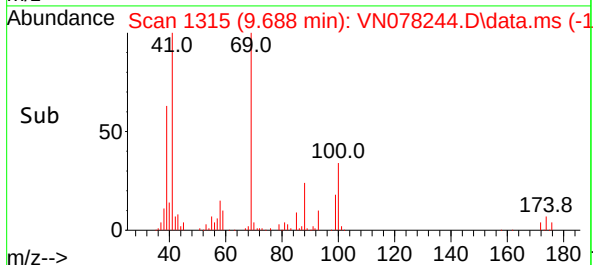
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

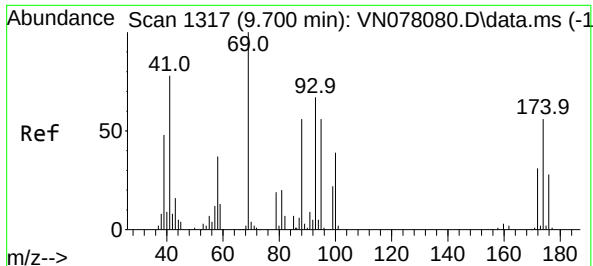


#48
Methyl methacrylate
Concen: 51.733 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34



Tgt Ion: 41 Resp: 204782
Ion Ratio Lower Upper
41 100
69 98.0 90.4 135.6
39 66.5 54.6 81.8





#49

1,4-Dioxane

Concen: 978.481 ug/l

RT: 9.706 min Scan# 1317

Delta R.T. 0.006 min

Lab File: VN078244.D

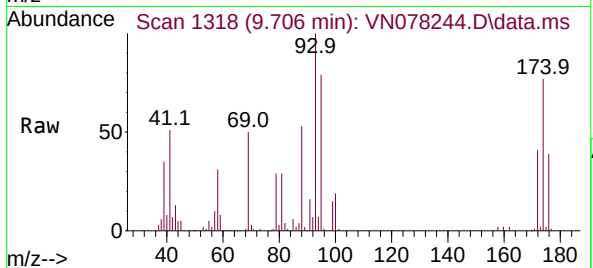
Acq: 15 Jun 2023 21:34

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-4S-06122023MS



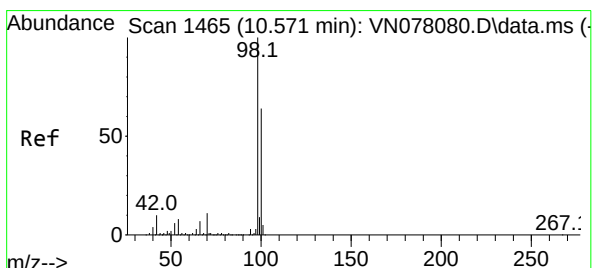
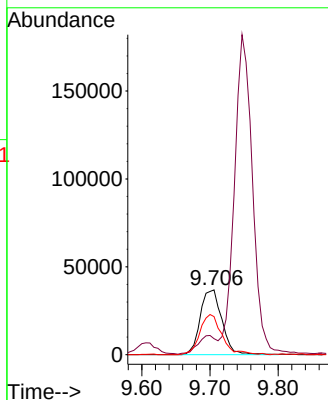
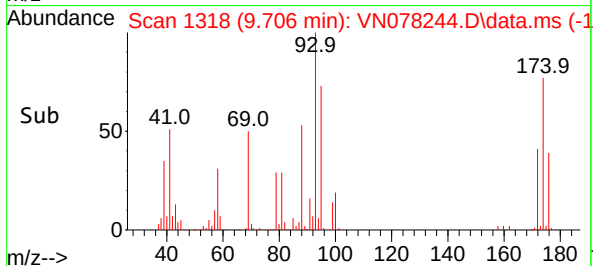
Tgt Ion:	88	Resp:	81408
Ion Ratio	Lower	Upper	
88	100		
43	25.3	17.0	25.6
58	63.3	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#50

Toluene-d8

Concen: 50.186 ug/l

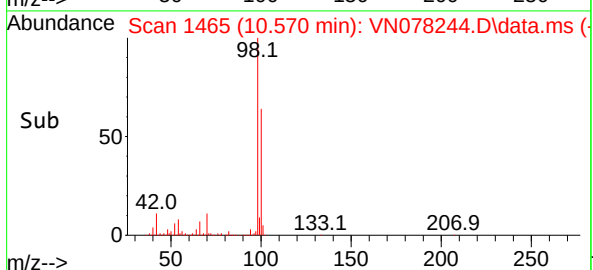
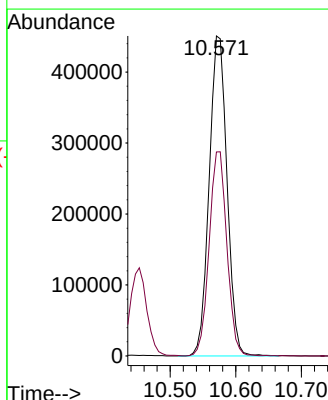
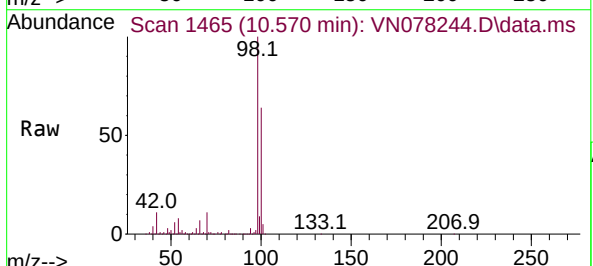
RT: 10.570 min Scan# 1465

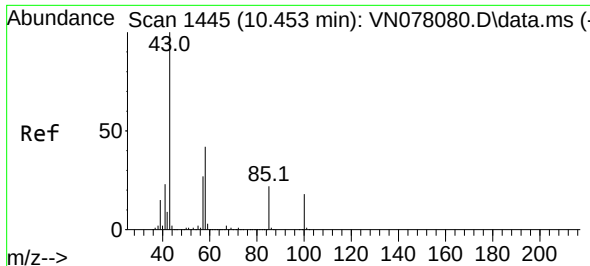
Delta R.T. -0.000 min

Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

Tgt Ion:	98	Resp:	851592
Ion Ratio	Lower	Upper	
98	100		
100	63.4	52.0	78.0





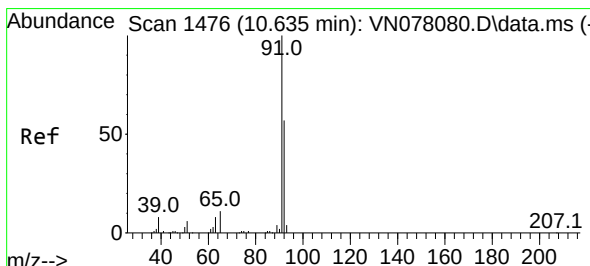
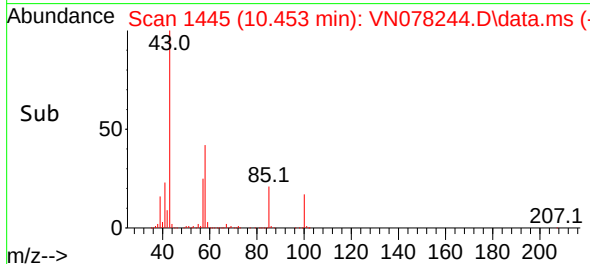
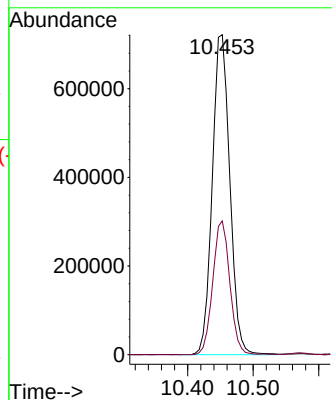
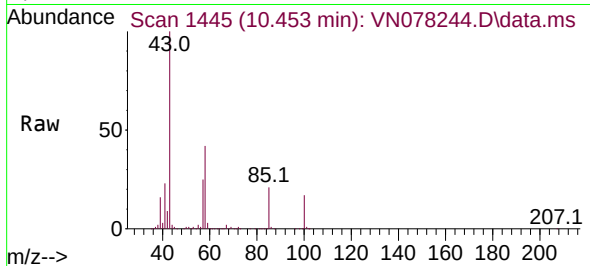
#51
4-Methyl-2-Pentanone
Concen: 269.893 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-4S-06122023MS

Tgt Ion: 43 Resp: 134059
Ion Ratio Lower Upper
43 100
58 40.7 36.6 54.8

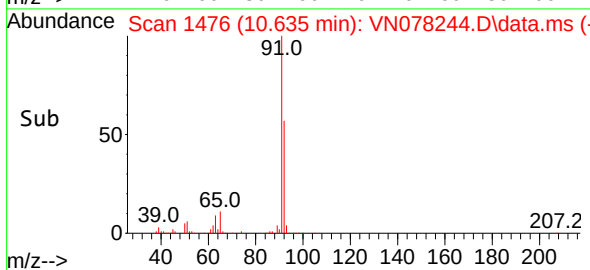
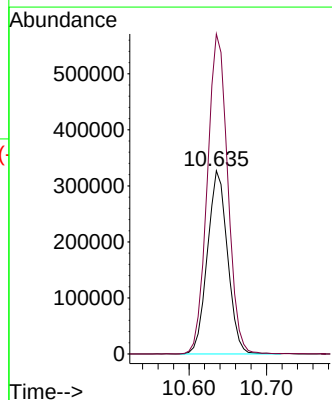
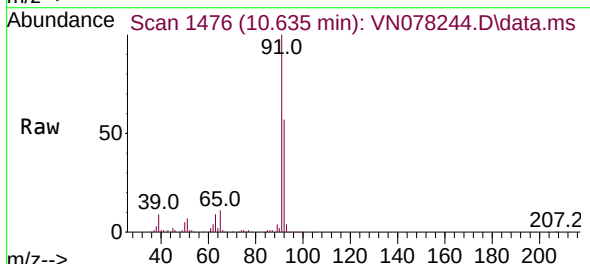
Manual Integrations
APPROVED

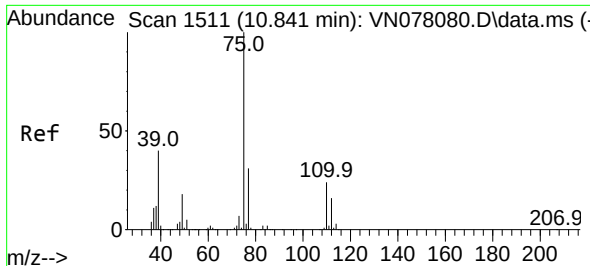
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#52
Toluene
Concen: 49.589 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

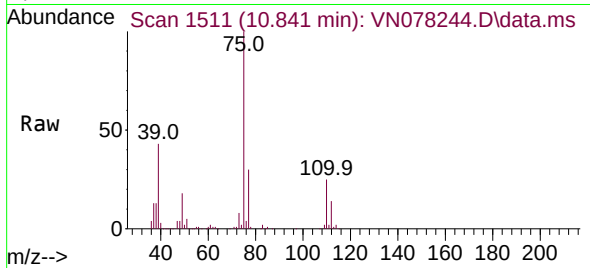
Tgt Ion: 92 Resp: 590143
Ion Ratio Lower Upper
92 100
91 177.0 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 50.989 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

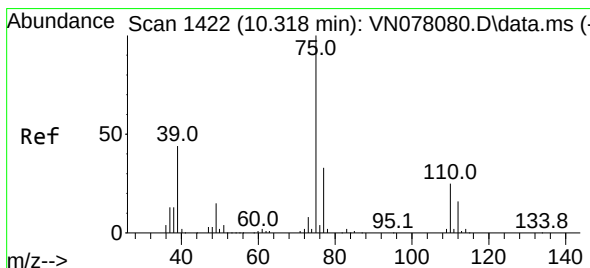
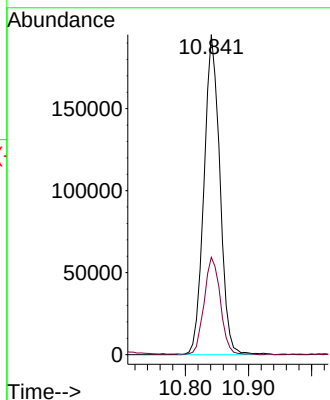
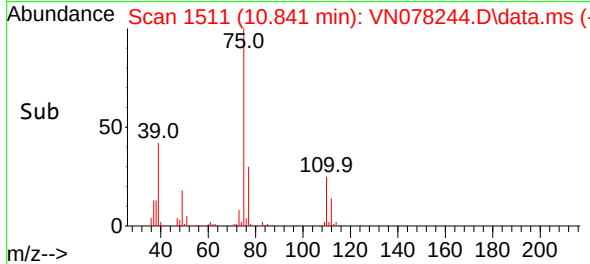
Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-4S-06122023MS



Tgt Ion: 75 Resp: 34072
Ion Ratio Lower Upper
75 100
77 30.4 25.4 38.0

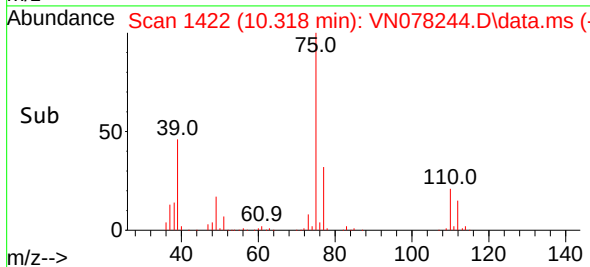
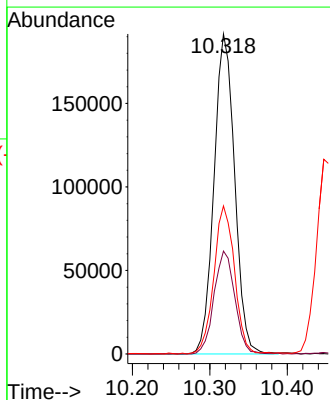
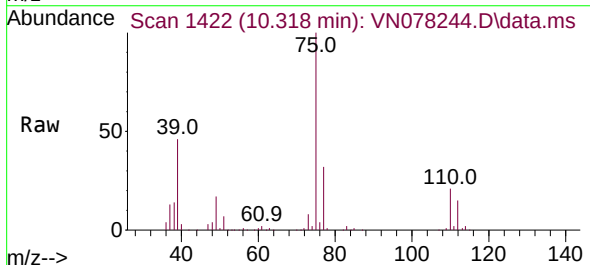
Manual Integrations
APPROVED

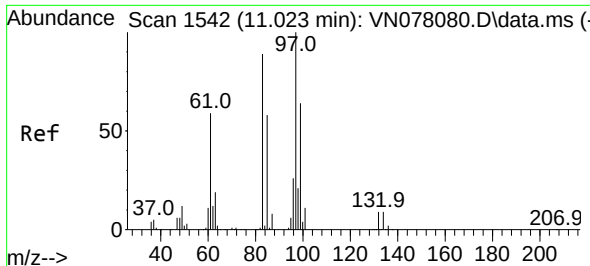
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#54
cis-1,3-Dichloropropene
Concen: 48.073 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

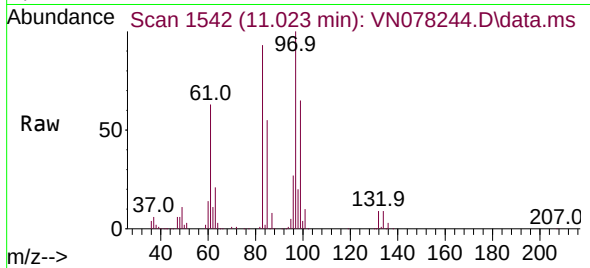
Tgt Ion: 75 Resp: 355102
Ion Ratio Lower Upper
75 100
77 32.2 26.1 39.1
39 46.3 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 52.755 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

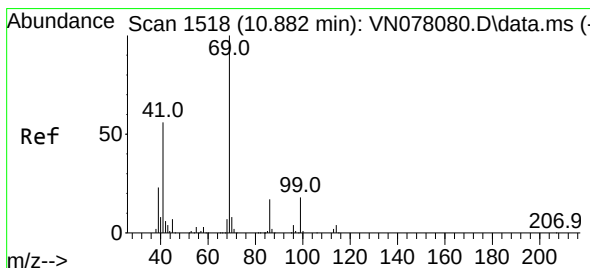
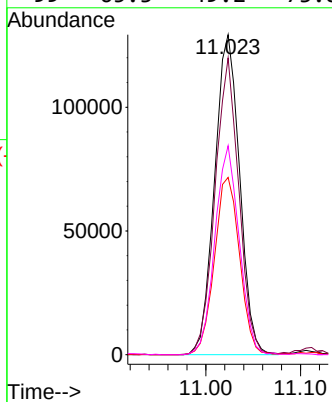
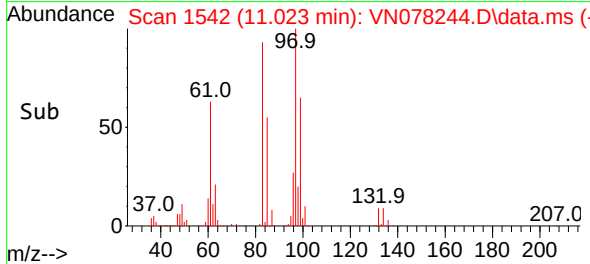
Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-4S-06122023MS



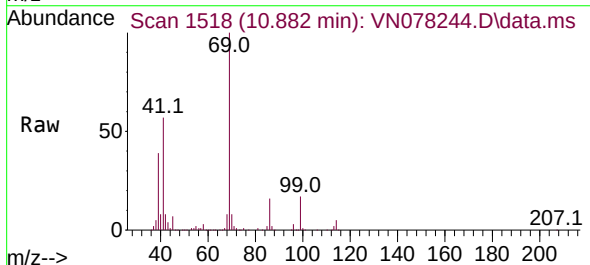
Tgt Ion:	97	Resp:	237498
Ion	Ratio	Lower	Upper
97	100		
83	92.8	65.1	97.7
85	55.4	43.4	65.2
99	65.3	49.2	73.8

Manual Integrations
APPROVED

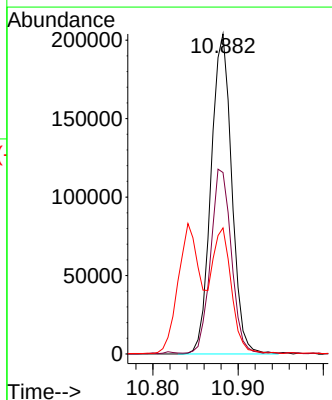
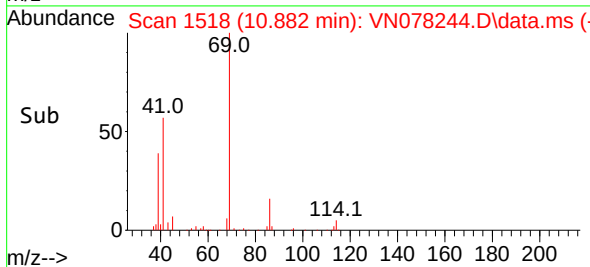
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

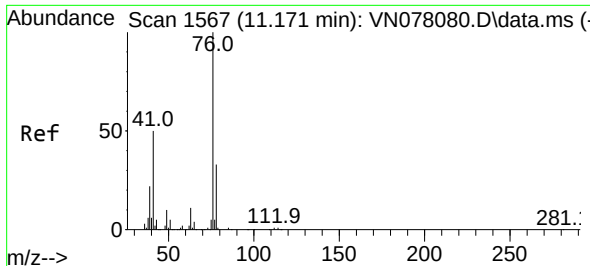


#56
Ethyl methacrylate
Concen: 52.449 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34



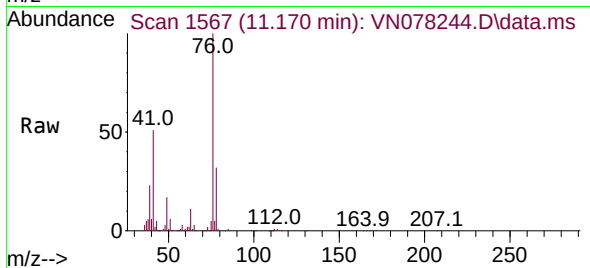
Tgt Ion:	69	Resp:	343808
Ion	Ratio	Lower	Upper
69	100		
41	57.4	39.6	59.4
39	34.9	28.6	43.0





#57
1,3-Dichloropropane
Concen: 52.607 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

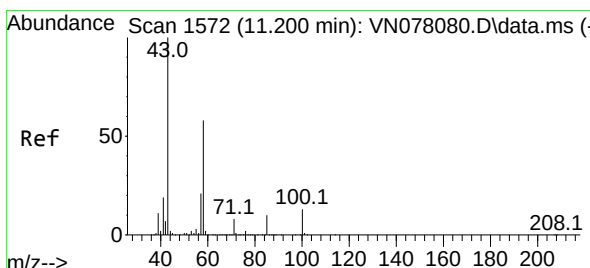
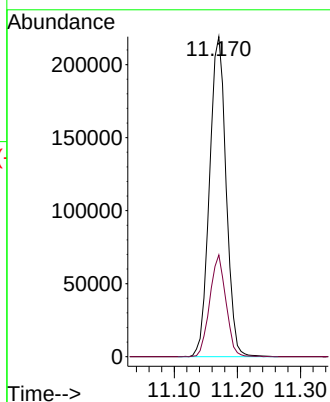
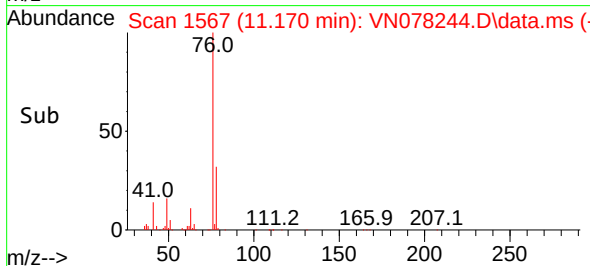
Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-4S-06122023MS



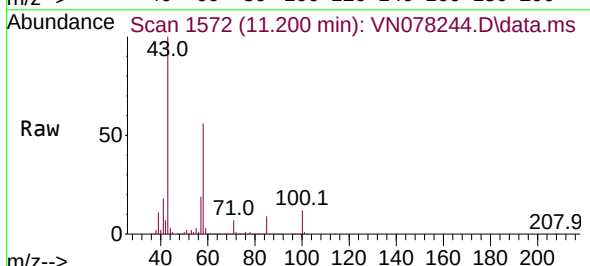
Tgt Ion: 76 Resp: 399762
Ion Ratio Lower Upper
76 100
78 30.9 26.1 39.1

Manual Integrations
APPROVED

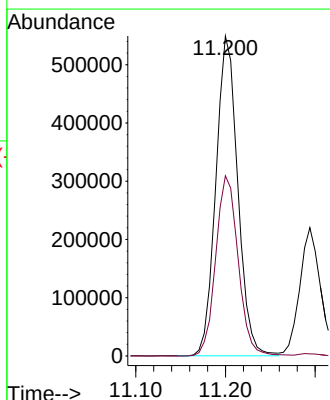
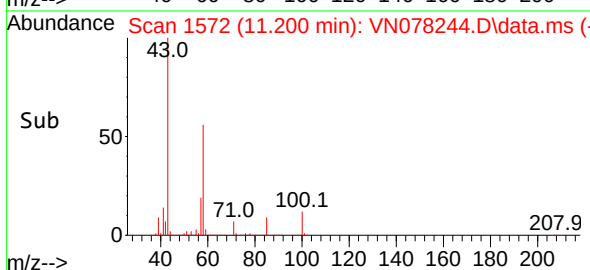
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

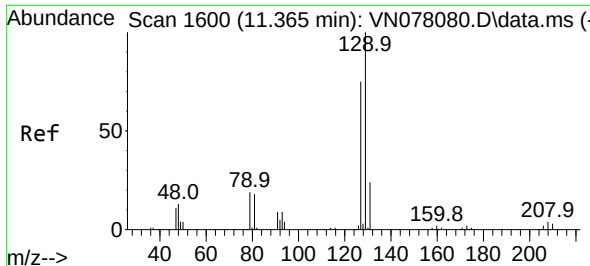


#59
2-Hexanone
Concen: 269.414 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34



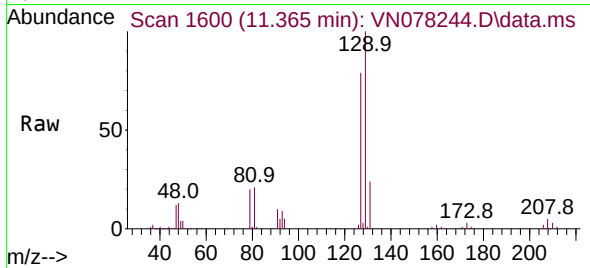
Tgt Ion: 43 Resp: 931787
Ion Ratio Lower Upper
43 100
58 57.7 31.7 95.1





#60
Dibromochloromethane
Concen: 51.881 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

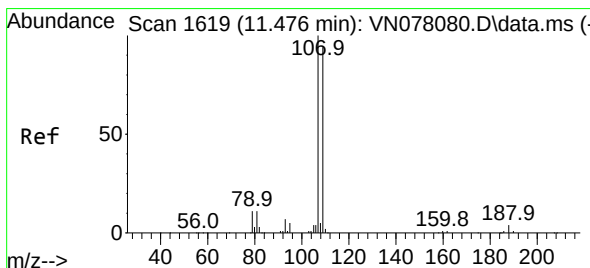
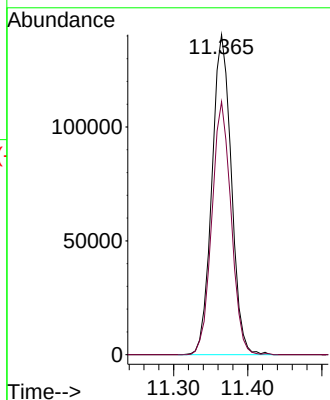
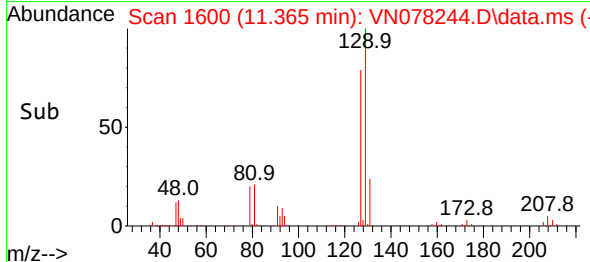
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-4S-06122023MS



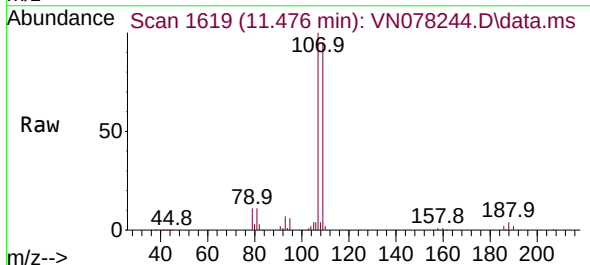
Tgt Ion:129 Resp: 255578
Ion Ratio Lower Upper
129 100
127 78.3 38.6 116.0

Manual Integrations
APPROVED

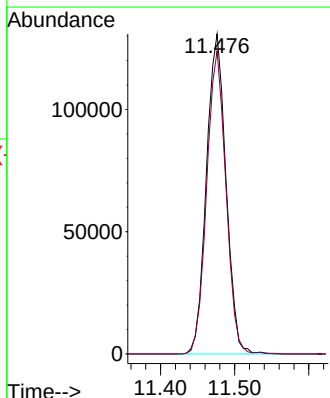
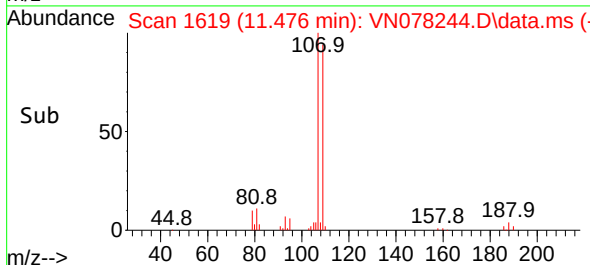
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

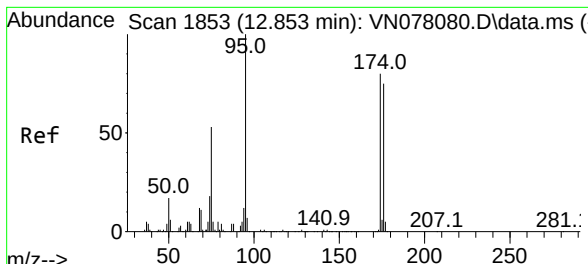


#61
1,2-Dibromoethane
Concen: 50.719 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34



Tgt Ion:107 Resp: 239616
Ion Ratio Lower Upper
107 100
109 93.1 76.6 114.8





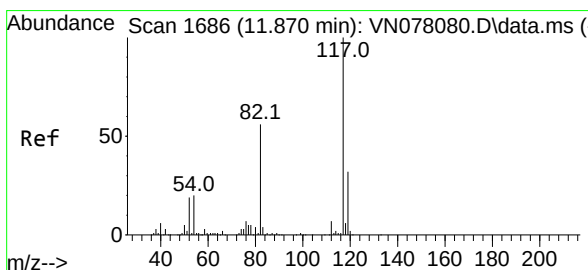
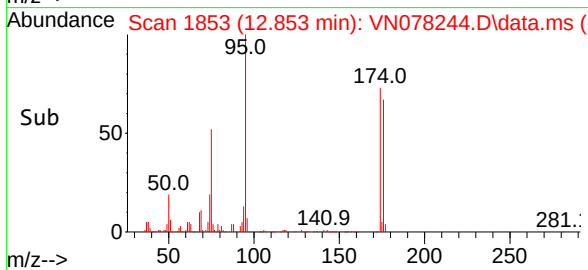
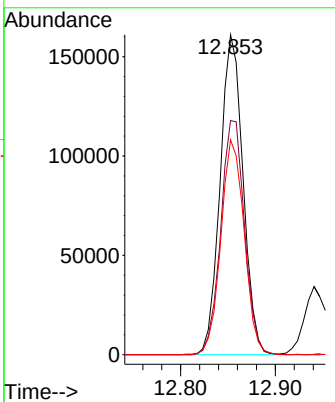
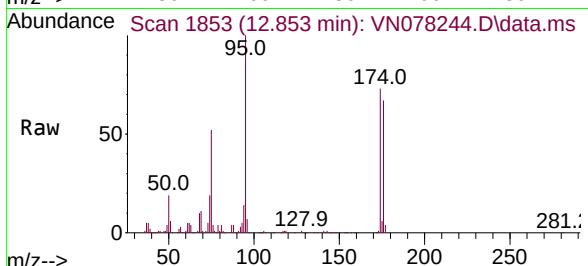
#62
4-Bromofluorobenzene
Concen: 51.153 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-4S-06122023MS

Tgt Ion:	95	Resp:	26984
Ion Ratio	Lower	Upper	
95	100		
174	76.2	0.0	143.8
176	68.5	0.0	135.8

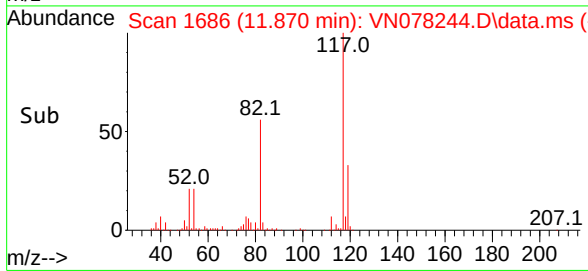
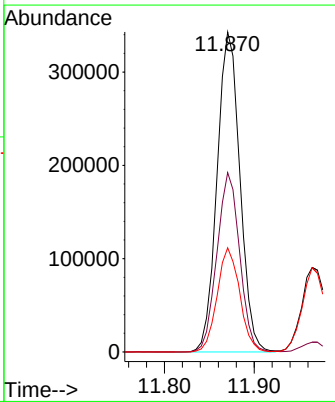
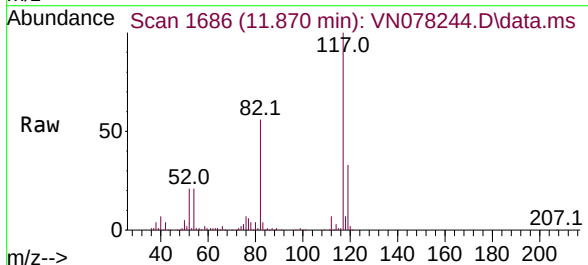
Manual Integrations
APPROVED

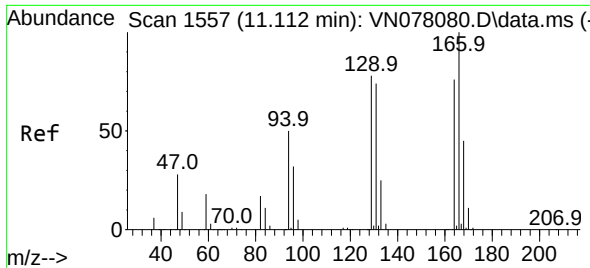
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

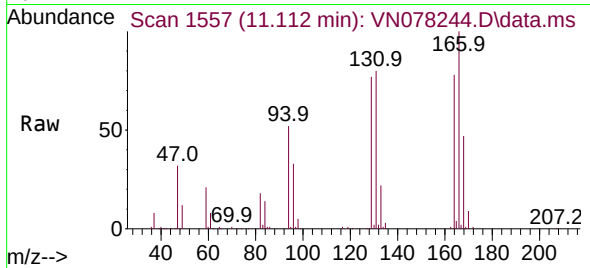
Tgt Ion:	117	Resp:	607171
Ion Ratio	Lower	Upper	
117	100		
82	56.1	44.0	66.0
119	32.6	25.6	38.4





#64
Tetrachloroethene
Concen: 45.585 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

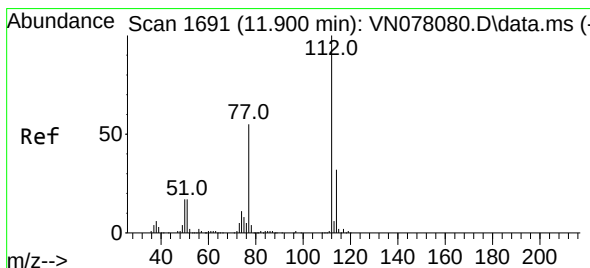
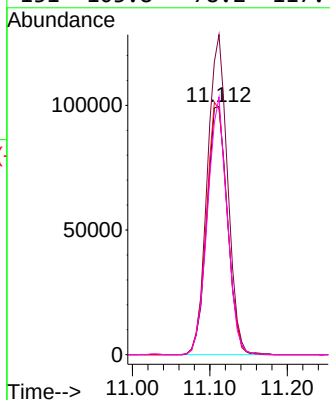
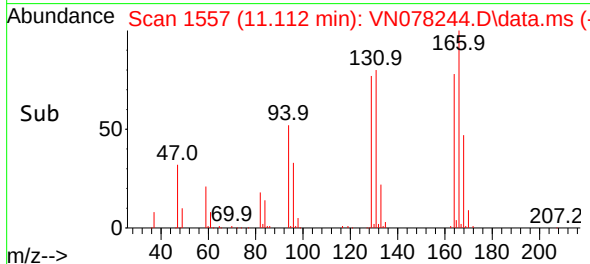
Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-4S-06122023MS



Tgt Ion:164 Resp: 184650
Ion Ratio Lower Upper
164 100
166 129.0 101.4 152.0
129 98.9 82.4 123.6
131 103.8 78.2 117.4

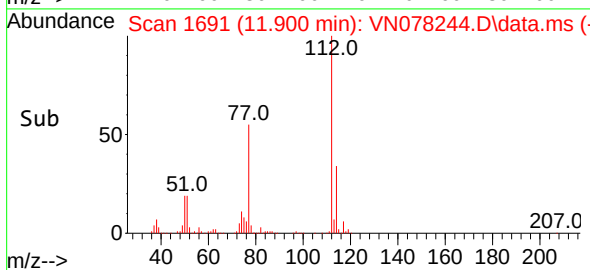
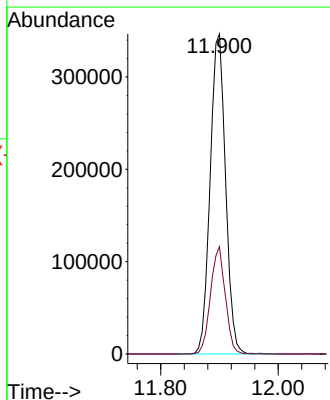
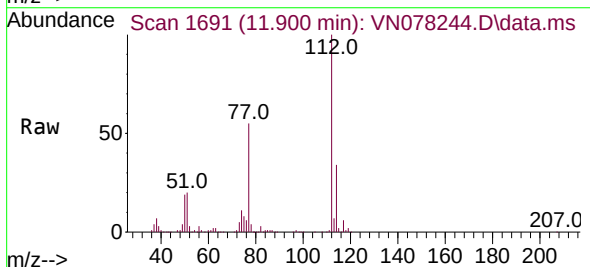
Manual Integrations
APPROVED

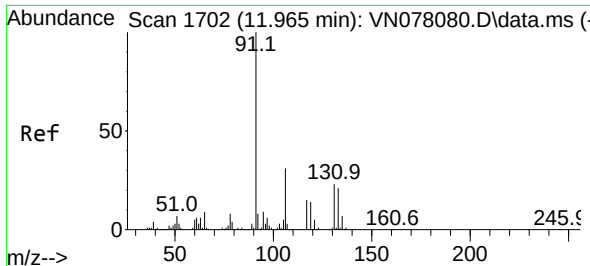
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#65
Chlorobenzene
Concen: 48.449 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

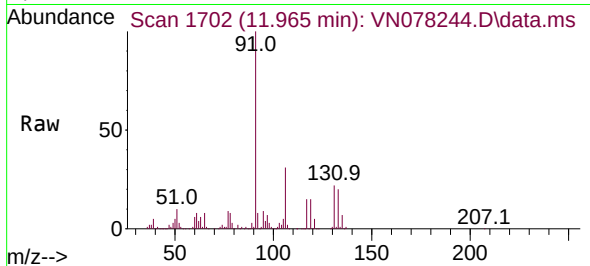
Tgt Ion:112 Resp: 629976
Ion Ratio Lower Upper
112 100
114 33.5 25.0 37.4





#66
1,1,1,2-Tetrachloroethane
Concen: 49.930 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

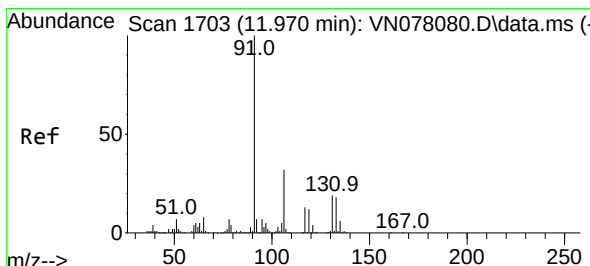
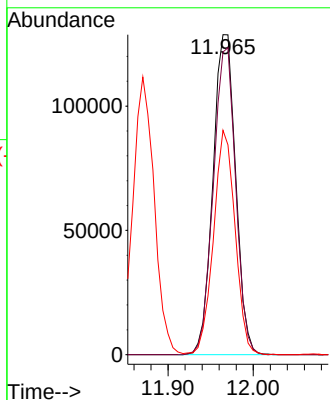
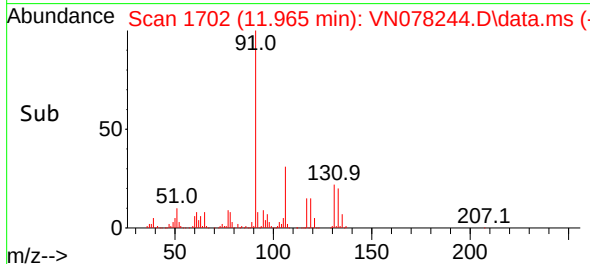
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-4S-06122023MS



Tgt Ion:131 Resp: 238780
Ion Ratio Lower Upper
131 100
133 94.5 46.4 139.1
119 66.8 34.1 102.2

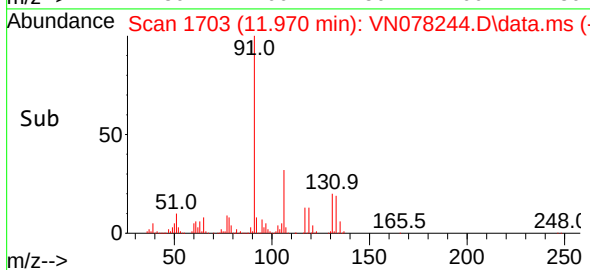
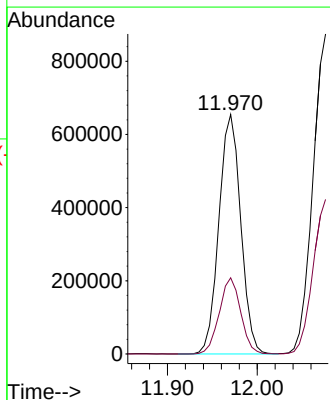
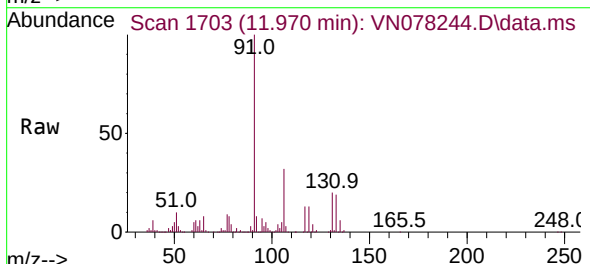
Manual Integrations
APPROVED

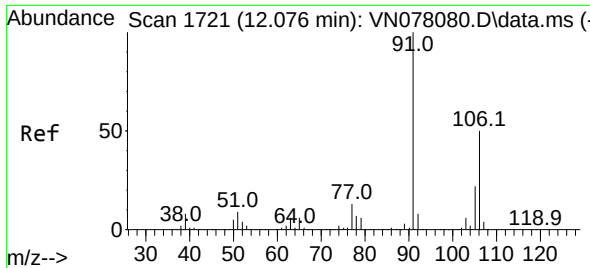
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#67
Ethyl Benzene
Concen: 49.311 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

Tgt Ion: 91 Resp: 1106357
Ion Ratio Lower Upper
91 100
106 31.8 25.6 38.4





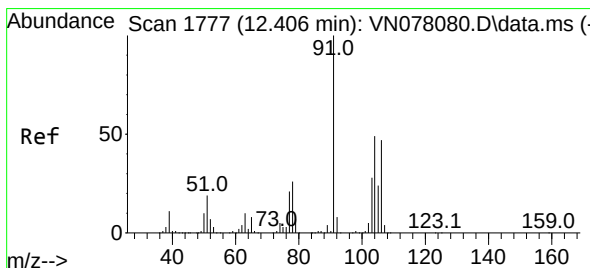
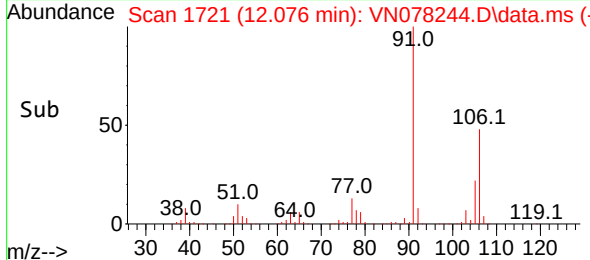
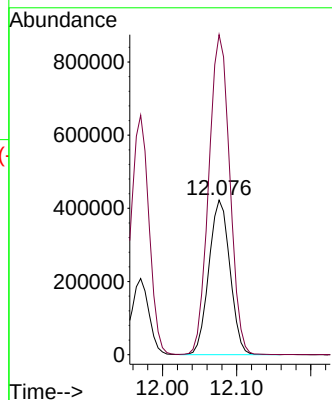
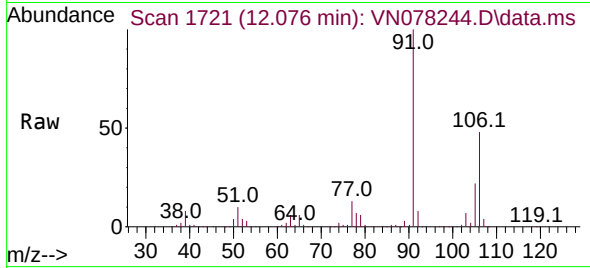
#68
m/p-Xylenes
Concen: 97.494 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-4S-06122023MS

Tgt Ion:106 Resp: 833628
Ion Ratio Lower Upper
106 100
91 206.6 159.6 239.4

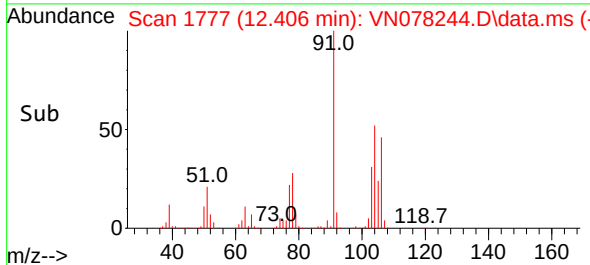
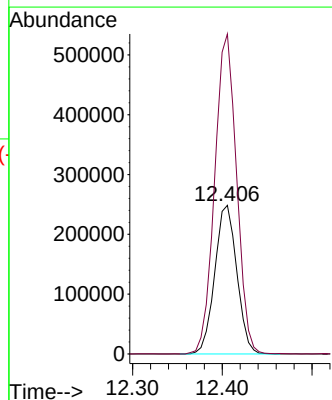
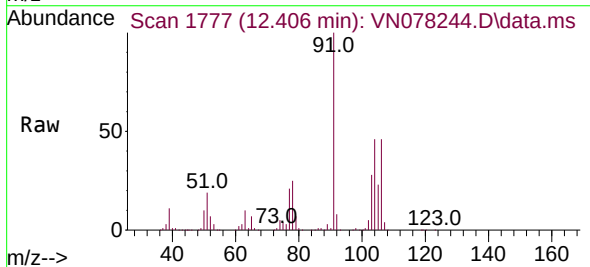
Manual Integrations
APPROVED

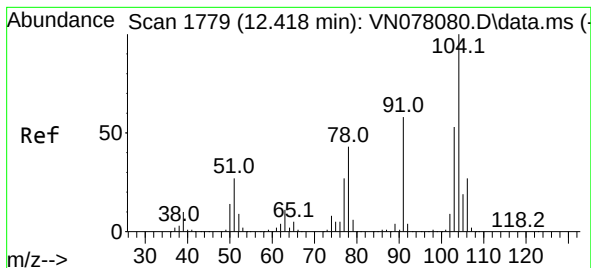
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#69
o-Xylene
Concen: 50.536 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

Tgt Ion:106 Resp: 424334
Ion Ratio Lower Upper
106 100
91 213.8 105.2 315.5





#70

Styrene

Concen: 50.930 ug/l

RT: 12.417 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-4S-06122023MS

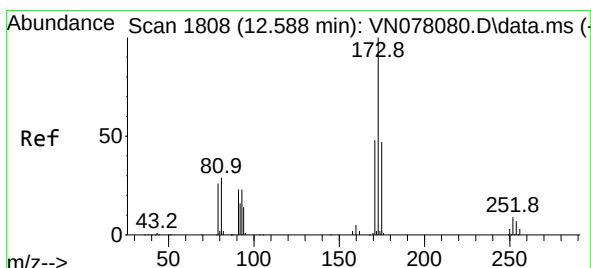
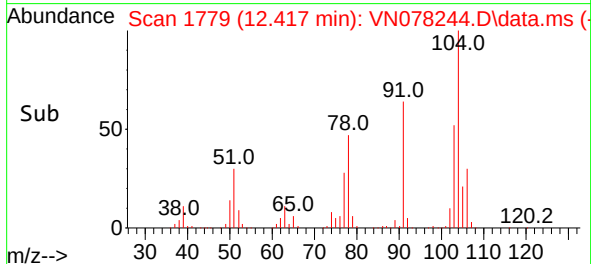
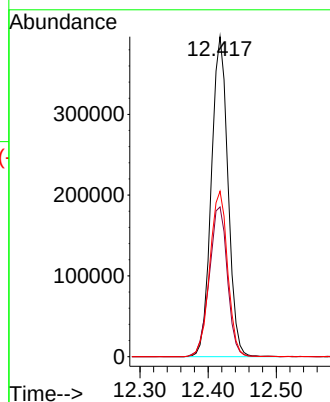
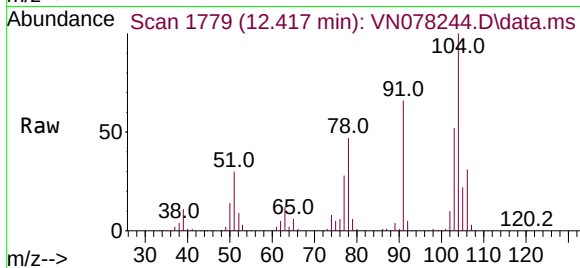
Tgt Ion:104 Resp: 67325
 Ion Ratio Lower Upper
 104 100
 78 50.9 39.5 59.3
 103 55.4 43.2 64.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#71

Bromoform

Concen: 51.281 ug/l

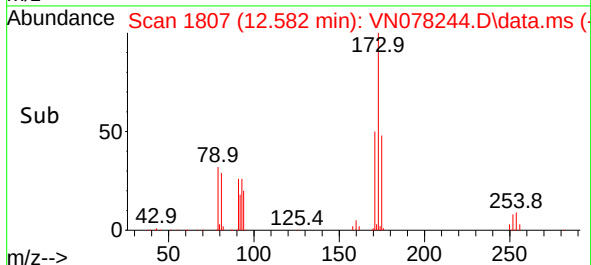
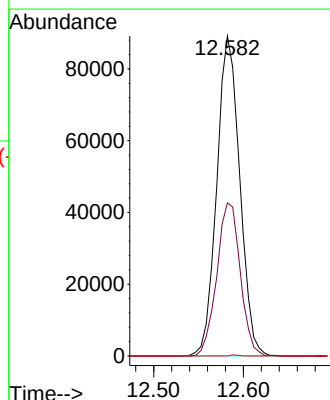
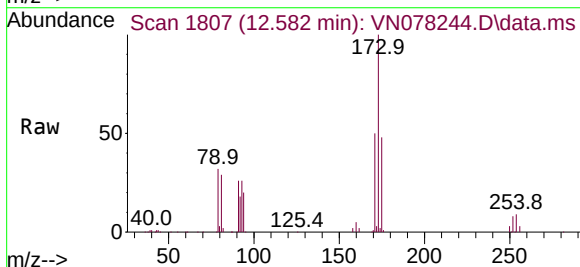
RT: 12.582 min Scan# 1807

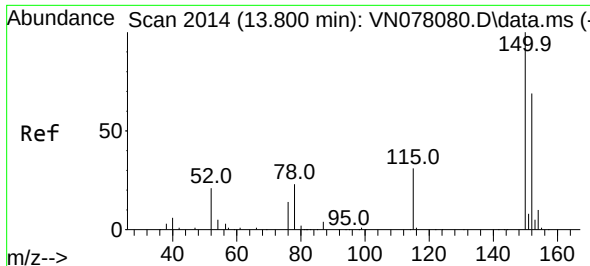
Delta R.T. -0.006 min

Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

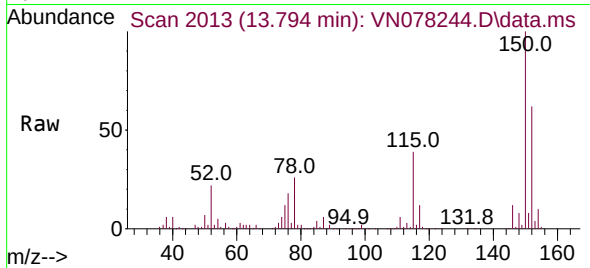
Tgt Ion:173 Resp: 158271
 Ion Ratio Lower Upper
 173 100
 175 49.0 24.3 73.0
 254 0.1 0.0 0.0#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2014
Delta R.T. -0.006 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

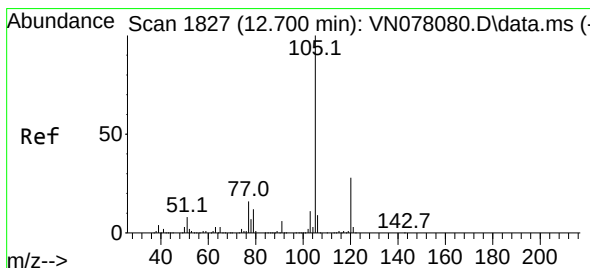
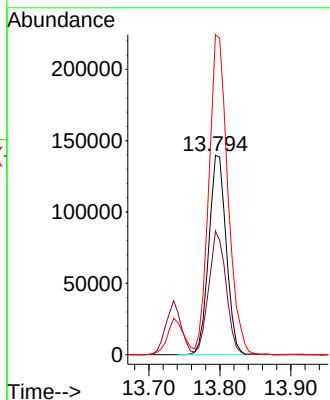
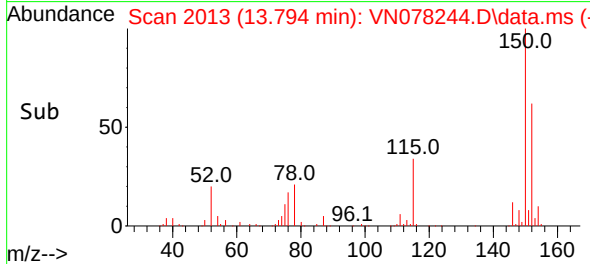
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-4S-06122023MS



Tgt Ion:152 Resp: 237792
Ion Ratio Lower Upper
152 100
115 61.2 32.3 96.8
150 174.4 0.0 355.8

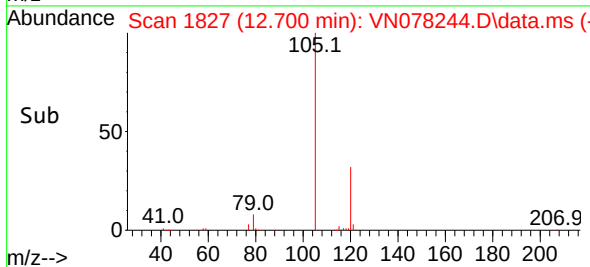
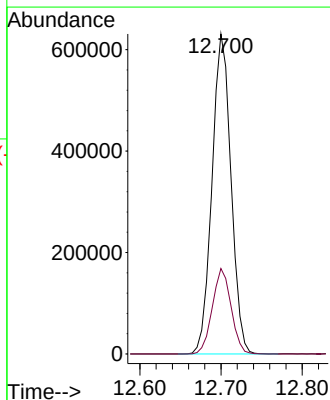
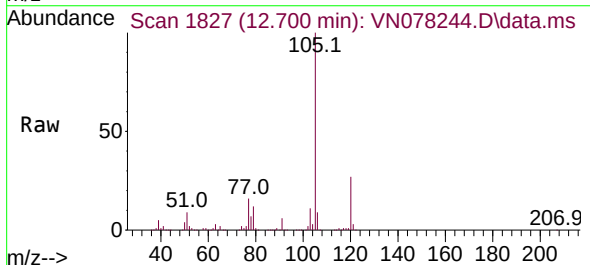
Manual Integrations
APPROVED

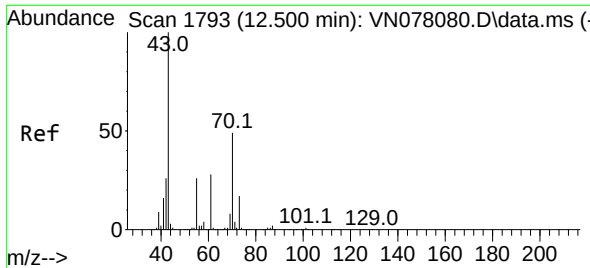
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#73
Isopropylbenzene
Concen: 45.521 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

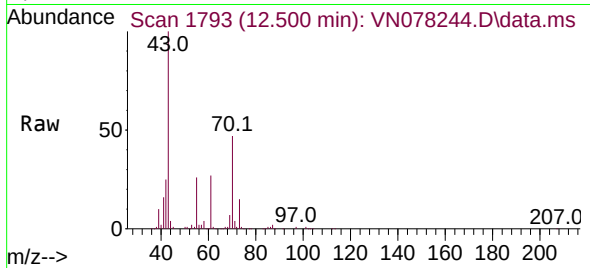
Tgt Ion:105 Resp: 1023601
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.1





#74
N-amy1 acetate
Concen: 44.713 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

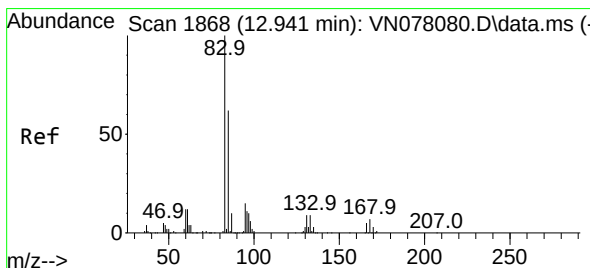
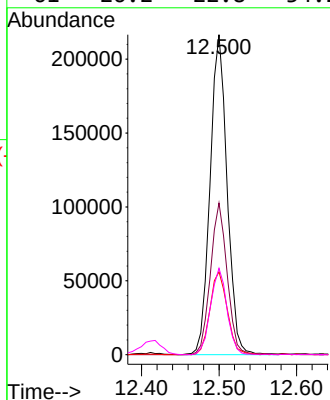
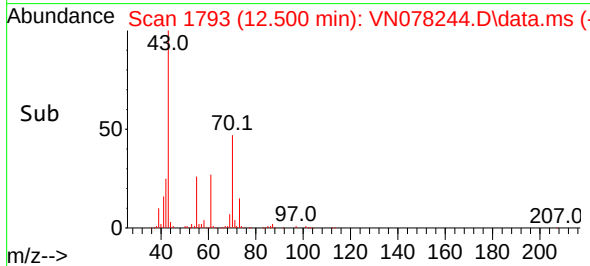
Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-4S-06122023MS



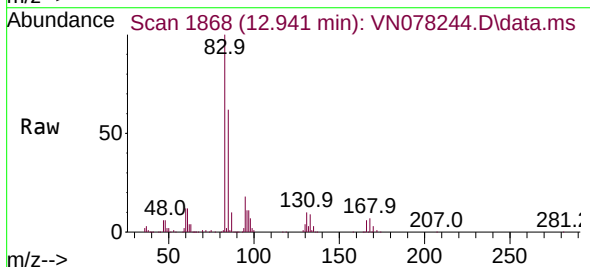
Tgt Ion: 43 Resp: 331090
Ion Ratio Lower Upper
43 100
70 46.3 43.4 65.2
55 26.5 21.4 32.0
61 26.2 22.8 34.2

Manual Integrations
APPROVED

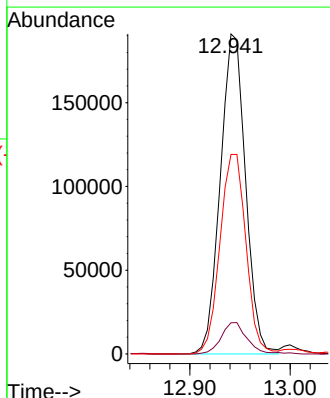
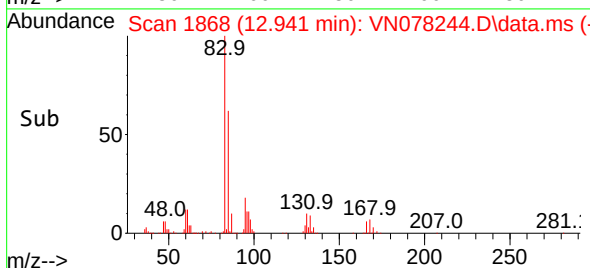
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

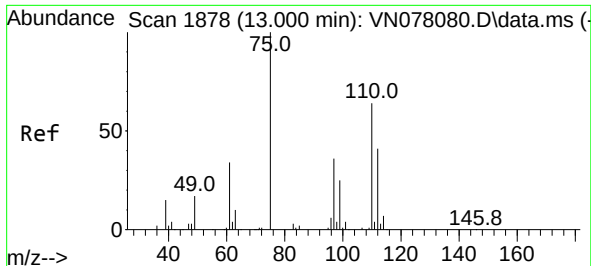


#75
1,1,2,2-Tetrachloroethane
Concen: 54.194 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34



Tgt Ion: 83 Resp: 333905
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 64.1 31.9 95.7





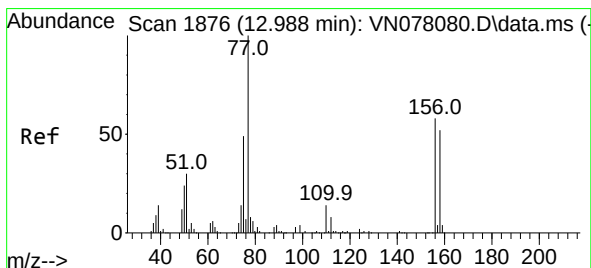
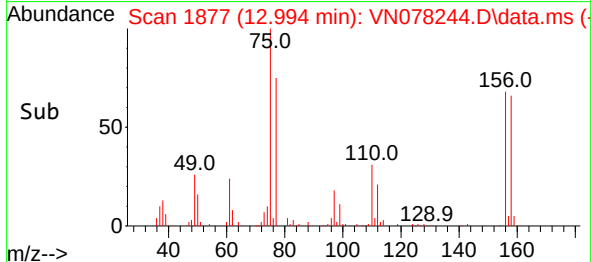
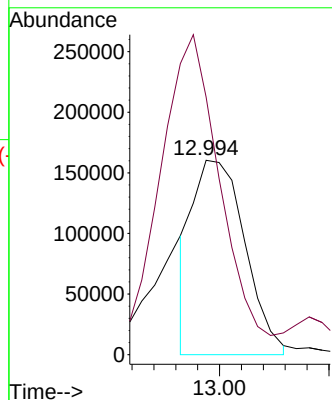
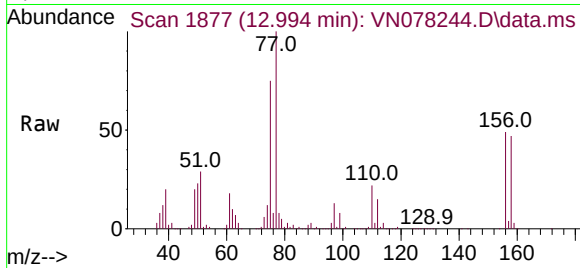
#76
1,2,3-Trichloropropane
Concen: 47.372 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-4S-06122023MS

Tgt Ion: 75 Resp: 266304
Ion Ratio Lower Upper
75 100
77 191.4 84.5 253.5

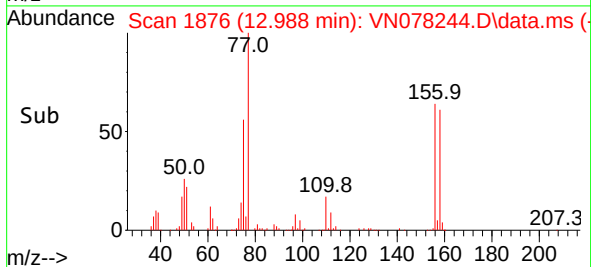
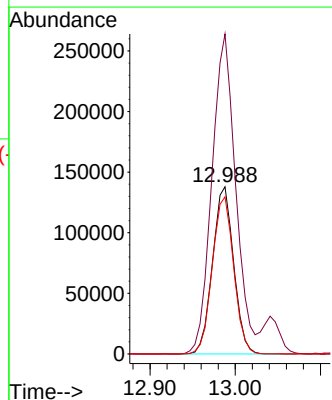
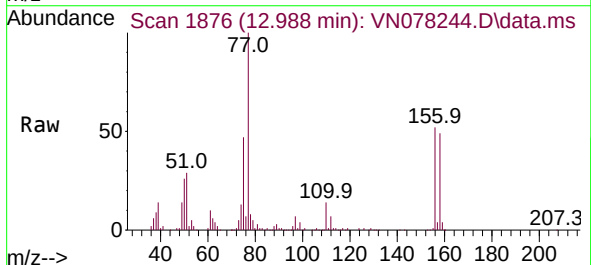
Manual Integrations
APPROVED

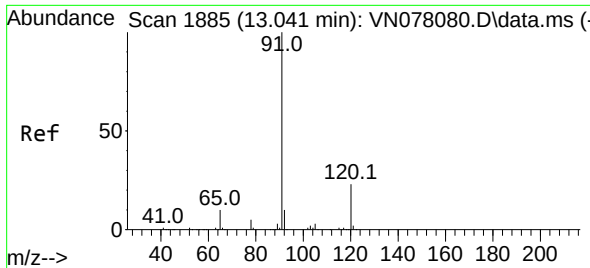
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#77
Bromobenzene
Concen: 45.402 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

Tgt Ion:156 Resp: 236996
Ion Ratio Lower Upper
156 100
77 215.1 107.7 323.3
158 95.3 48.4 145.3





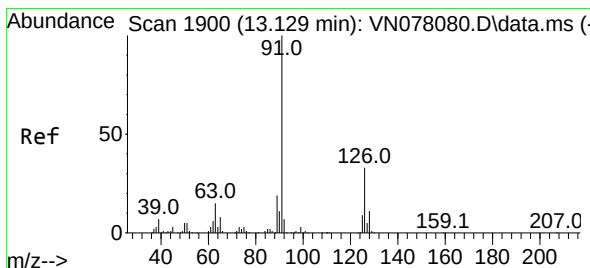
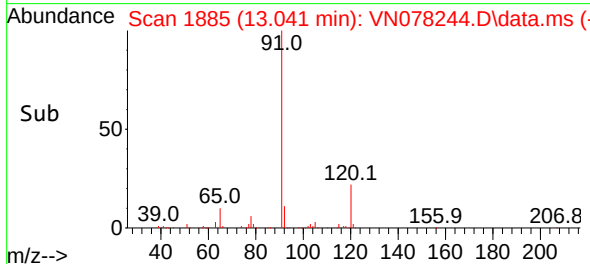
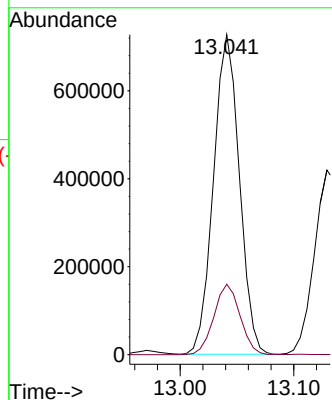
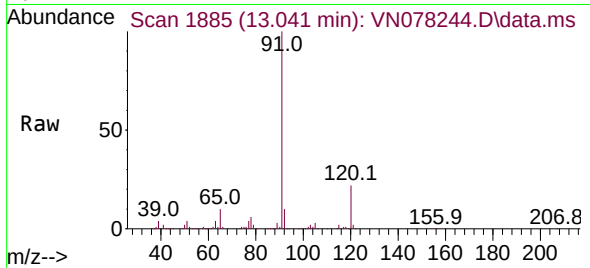
#78
n-propylbenzene
Concen: 47.071 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-4S-06122023MS

Tgt Ion: 91 Resp: 114997
Ion Ratio Lower Upper
91 100
120 22.2 11.5 34.4

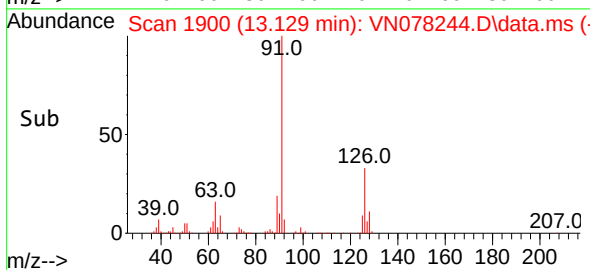
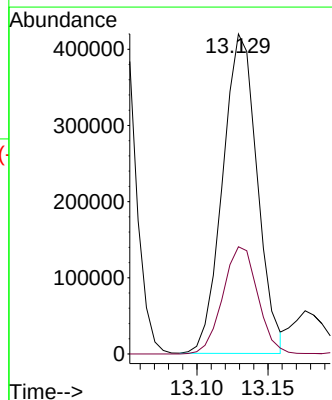
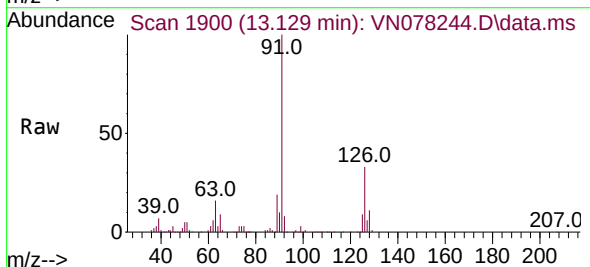
Manual Integrations
APPROVED

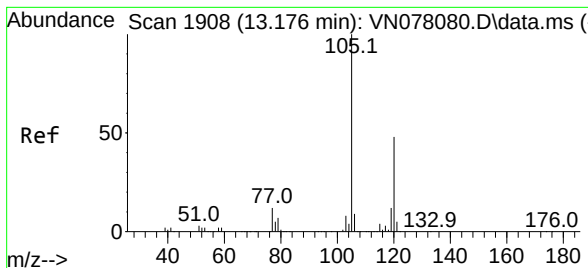
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#79
2-Chlorotoluene
Concen: 45.066 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

Tgt Ion: 91 Resp: 710699
Ion Ratio Lower Upper
91 100
126 34.0 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 45.520 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-4S-06122023MS

Tgt Ion:105 Resp: 828709

Ion Ratio Lower Upper

105 100

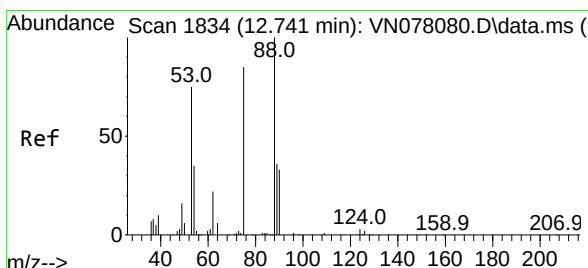
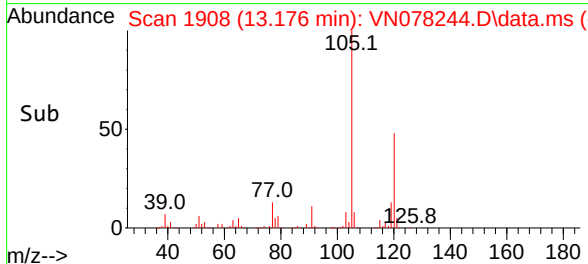
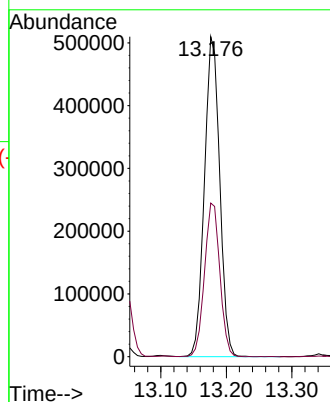
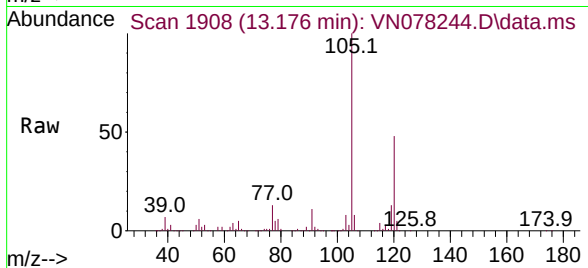
120 48.0 24.1 72.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#81

trans-1,4-Dichloro-2-butene

Concen: 48.318 ug/l

RT: 12.741 min Scan# 1834

Delta R.T. -0.000 min

Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

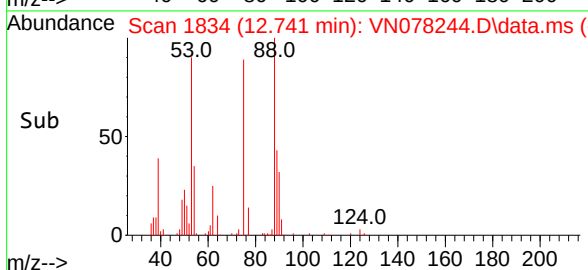
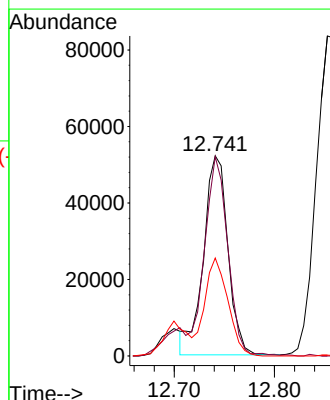
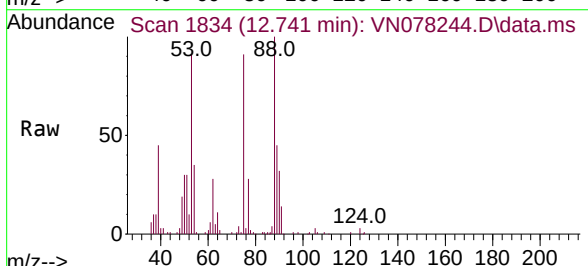
Tgt Ion: 75 Resp: 88409

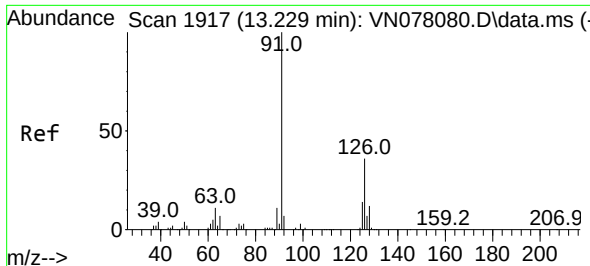
Ion Ratio Lower Upper

75 100

53 108.5 67.4 101.2#

89 46.7 38.8 58.2





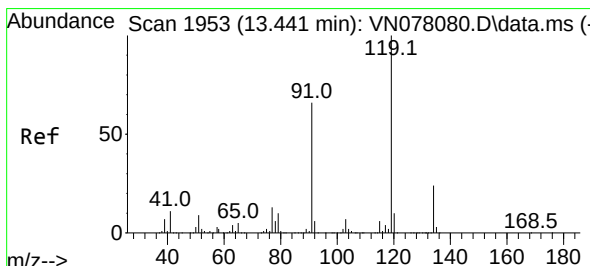
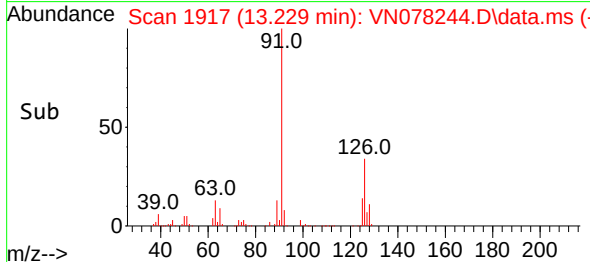
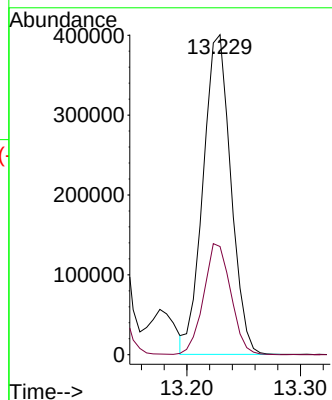
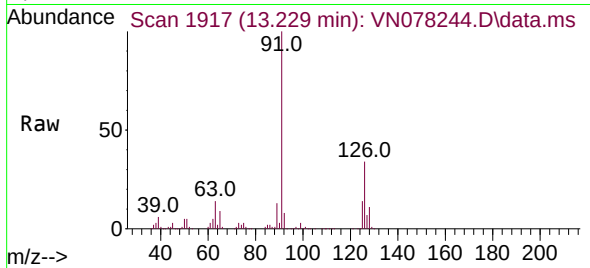
#82
4-Chlorotoluene
Concen: 46.128 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-4S-06122023MS

Tgt Ion: 91 Resp: 678920
Ion Ratio Lower Upper
91 100
126 34.1 16.7 50.0

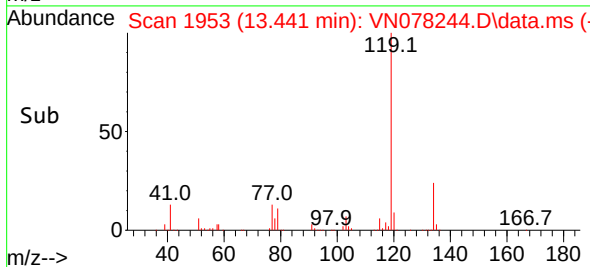
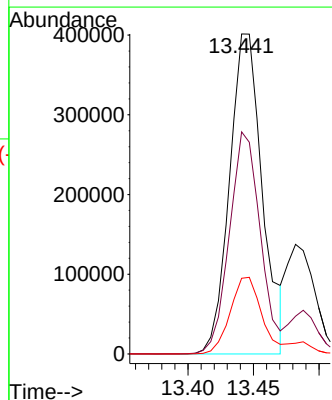
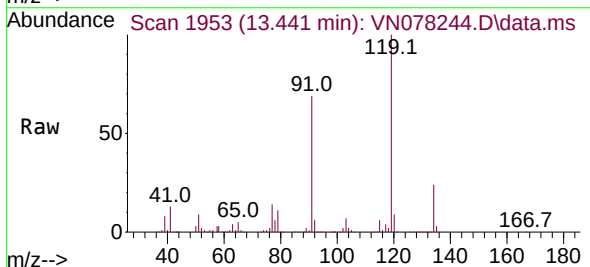
Manual Integrations
APPROVED

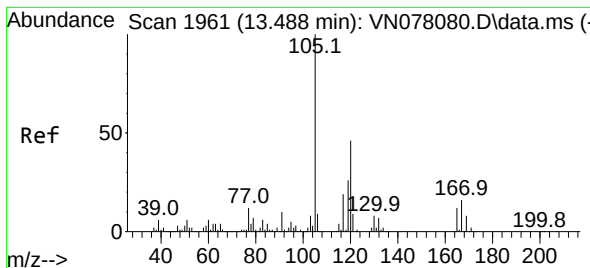
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#83
tert-Butylbenzene
Concen: 44.296 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

Tgt Ion:119 Resp: 700997
Ion Ratio Lower Upper
119 100
91 65.4 33.9 101.7
134 23.4 13.2 39.6





#84

1,2,4-Trimethylbenzene

Concen: 47.078 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. -0.000 min

Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-4S-06122023MS

Tgt Ion:105 Resp: 830952

Ion Ratio Lower Upper

105 100

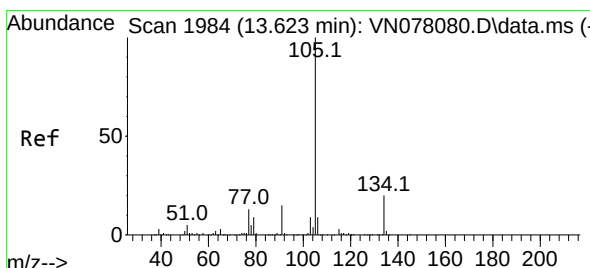
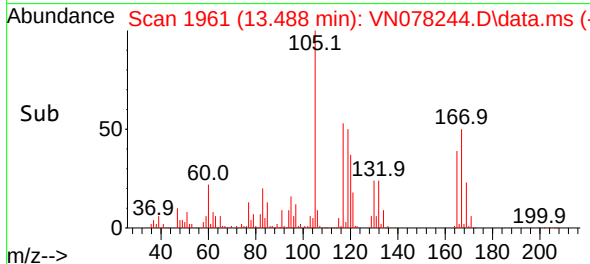
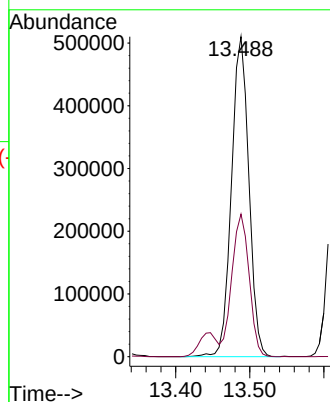
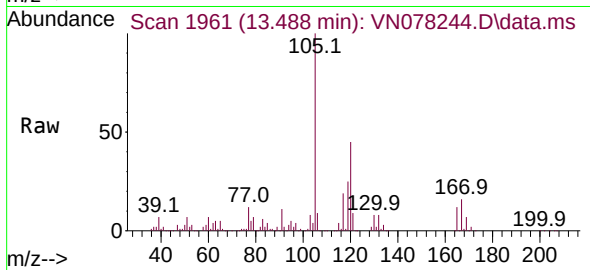
120 44.5 22.0 66.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#85

sec-Butylbenzene

Concen: 42.160 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. -0.000 min

Lab File: VN078244.D

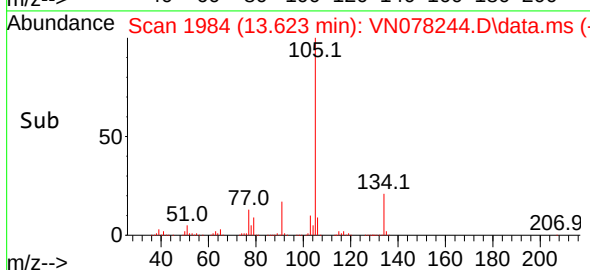
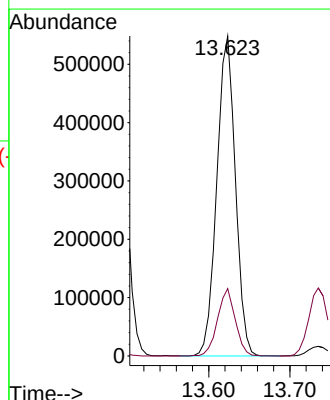
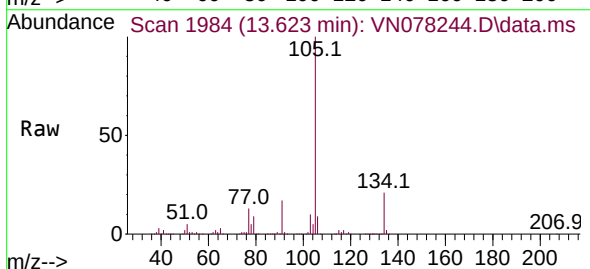
Acq: 15 Jun 2023 21:34

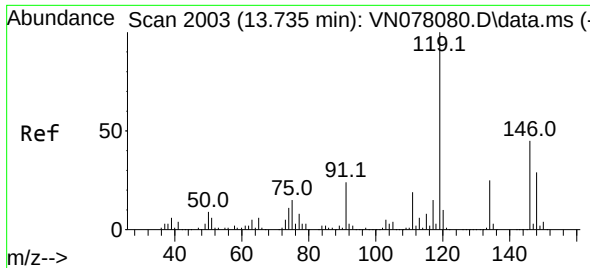
Tgt Ion:105 Resp: 873261

Ion Ratio Lower Upper

105 100

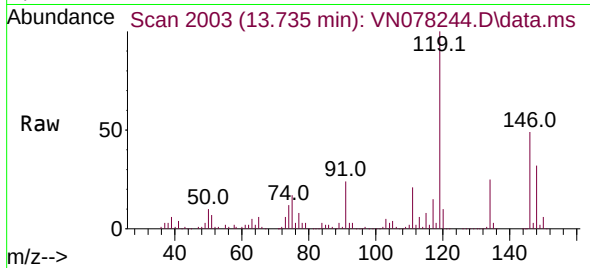
134 20.1 9.8 29.3





#86
p-Isopropyltoluene
Concen: 42.888 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

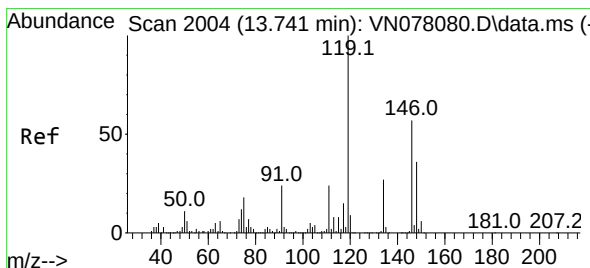
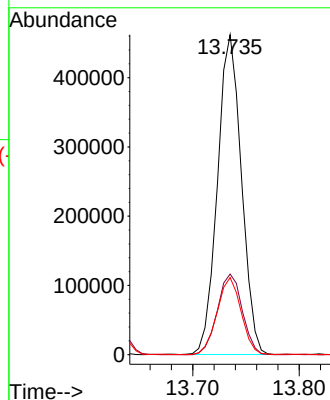
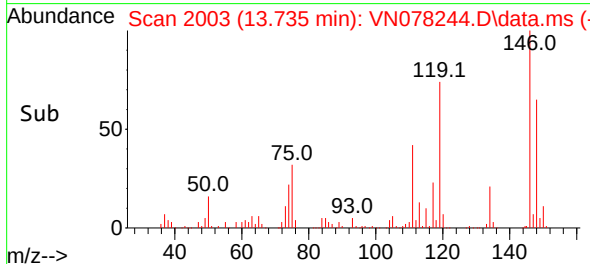
Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-4S-06122023MS



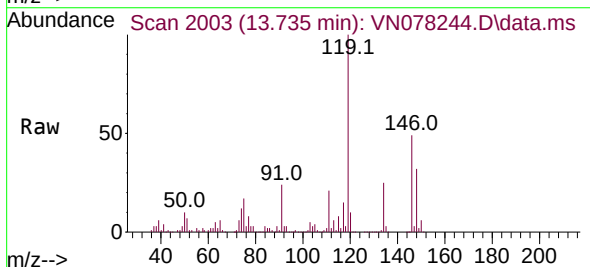
Tgt Ion:119 Resp: 720892
Ion Ratio Lower Upper
119 100
134 26.2 12.6 37.8
91 24.3 12.4 37.2

Manual Integrations
APPROVED

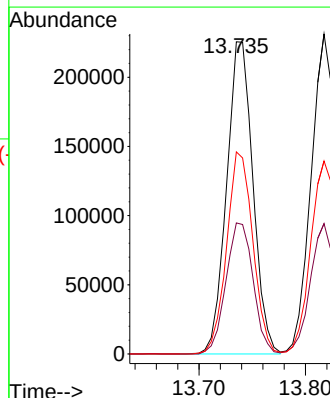
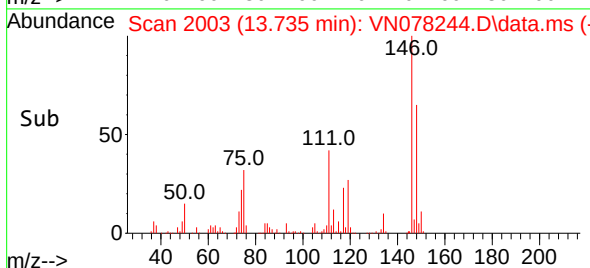
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

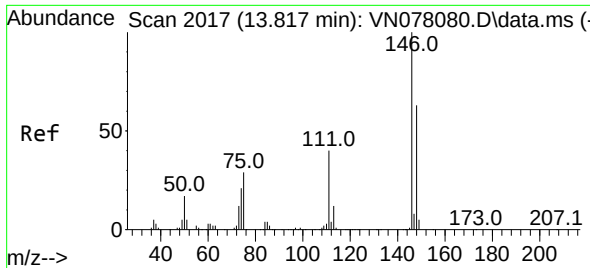


#87
1,3-Dichlorobenzene
Concen: 43.936 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34



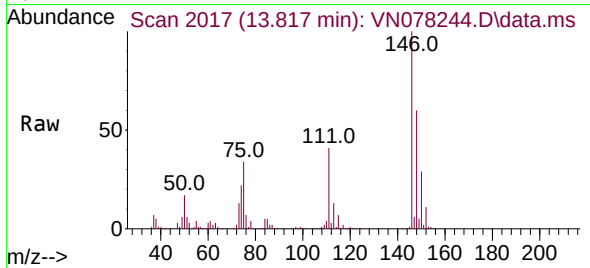
Tgt Ion:146 Resp: 387932
Ion Ratio Lower Upper
146 100
111 43.2 22.1 66.3
148 64.5 32.0 96.0





#88
1,4-Dichlorobenzene
Concen: 45.081 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

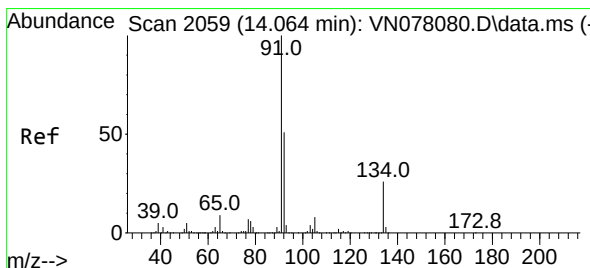
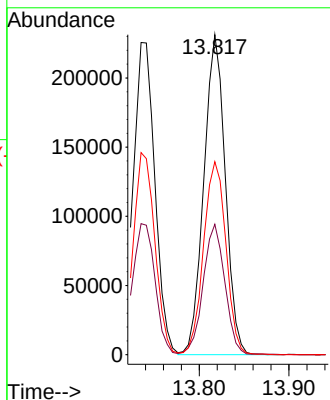
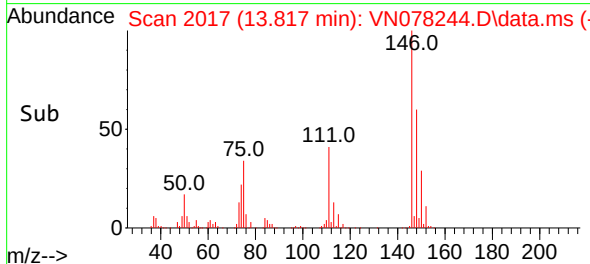
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-4S-06122023MS



Tgt Ion:146 Resp: 384091
Ion Ratio Lower Upper
146 100
111 40.8 20.6 61.8
148 63.1 31.6 94.8

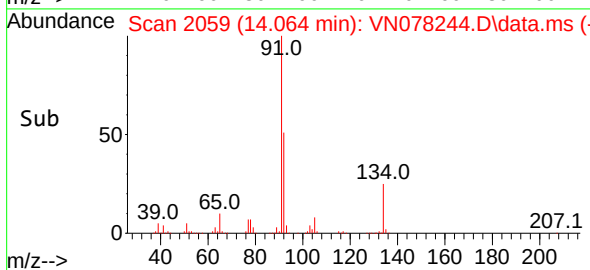
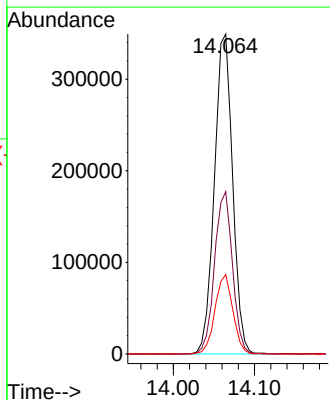
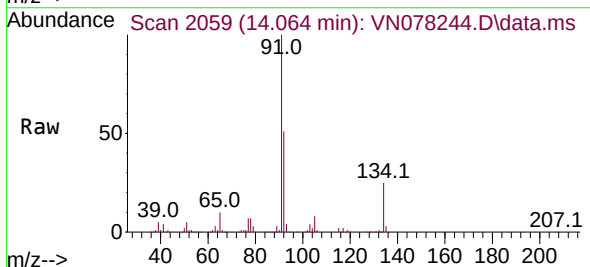
Manual Integrations
APPROVED

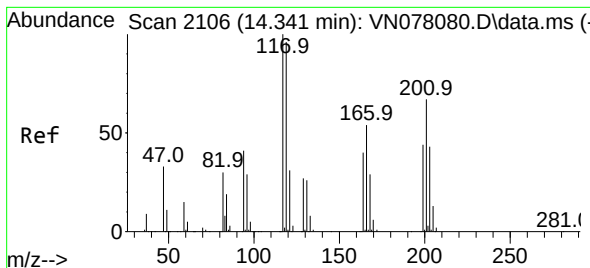
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#89
n-Butylbenzene
Concen: 41.150 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

Tgt Ion: 91 Resp: 545557
Ion Ratio Lower Upper
91 100
92 49.9 26.4 79.0
134 24.4 12.6 37.6





#90

Hexachloroethane

Concen: 45.694 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. -0.000 min

Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-4S-06122023MS

Tgt Ion:117 Resp: 136302

Ion Ratio Lower Upper

117 100

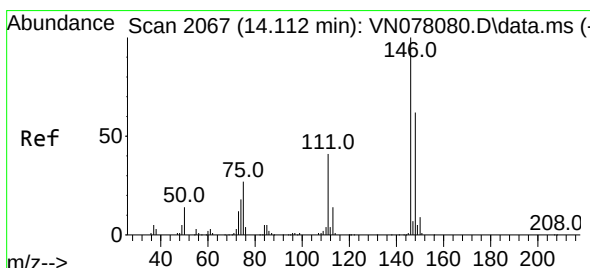
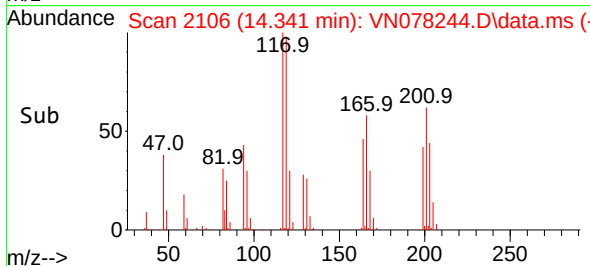
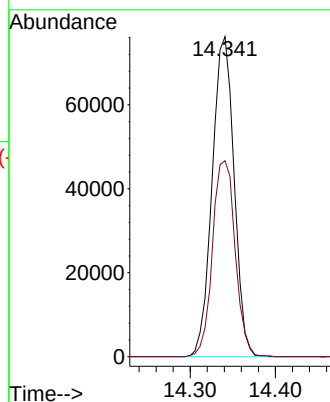
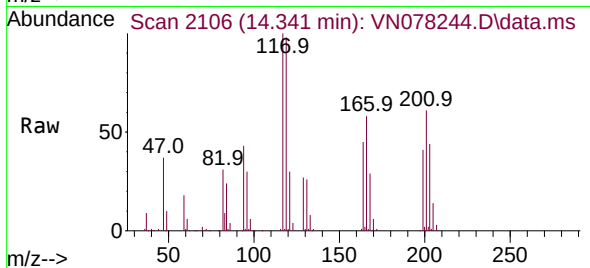
201 63.5 29.3 88.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#91

1,2-Dichlorobenzene

Concen: 46.081 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

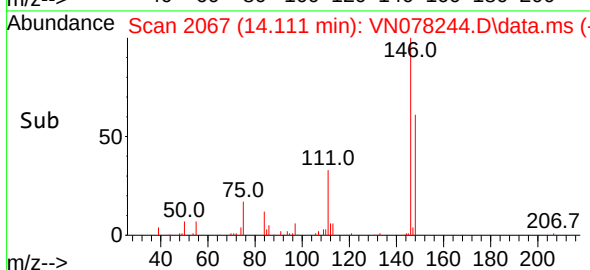
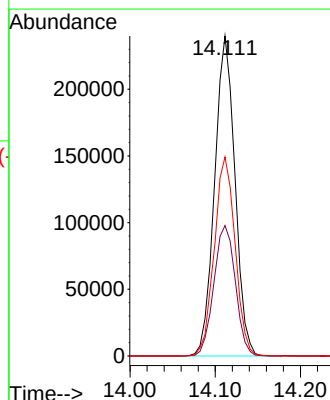
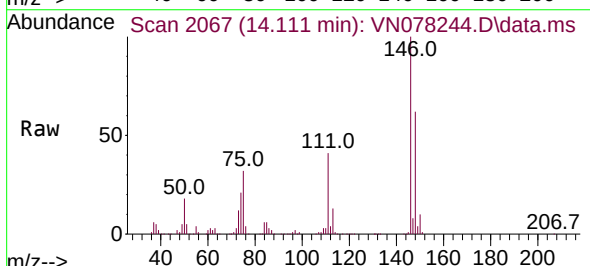
Tgt Ion:146 Resp: 397649

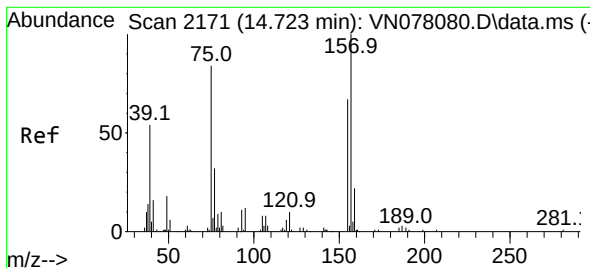
Ion Ratio Lower Upper

146 100

111 43.1 22.0 66.0

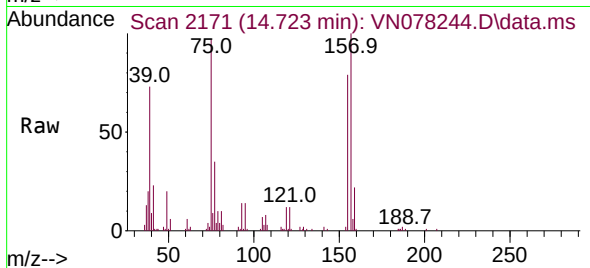
148 63.7 31.8 95.3





#92
1,2-Dibromo-3-Chloropropane
Concen: 45.407 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34

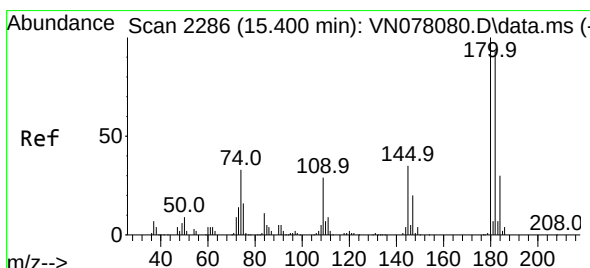
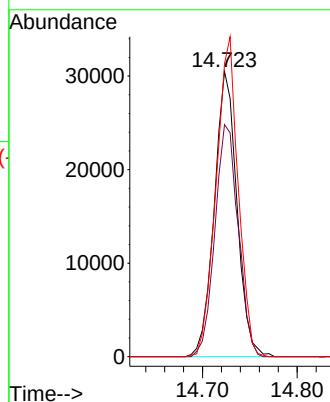
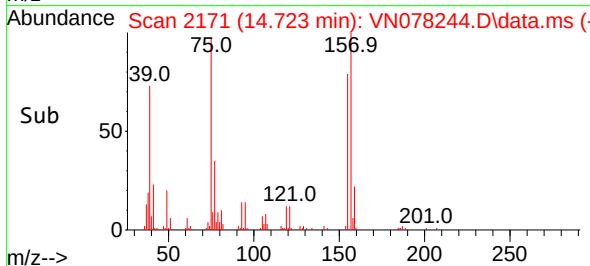
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-4S-06122023MS



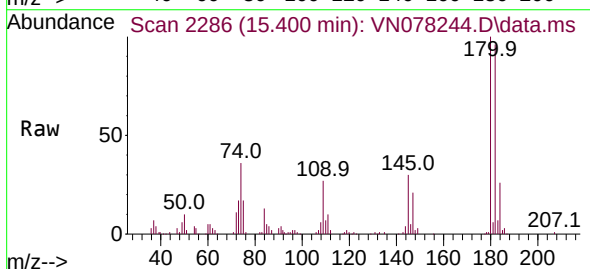
Tgt Ion: 75 Resp: 50574
Ion Ratio Lower Upper
75 100
155 83.9 39.1 117.2
157 109.4 50.3 150.9

Manual Integrations
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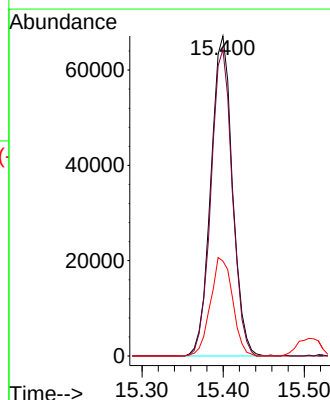
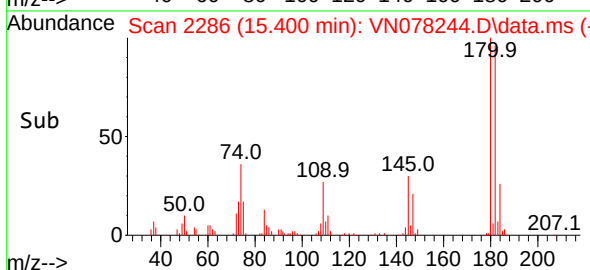
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

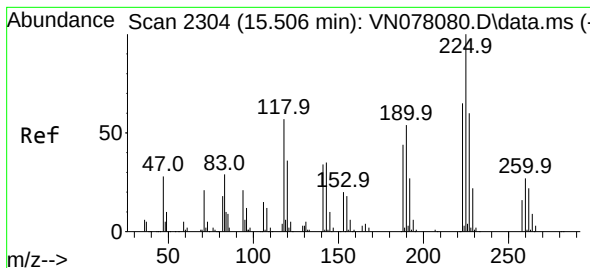


#93
1,2,4-Trichlorobenzene
Concen: 40.447 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN078244.D
Acq: 15 Jun 2023 21:34



Tgt Ion:180 Resp: 124357
Ion Ratio Lower Upper
180 100
182 94.3 46.1 138.2
145 31.4 16.6 49.8





#94

Hexachlorobutadiene

Concen: 41.051 ug/l

RT: 15.505 min Scan# 21

Delta R.T. -0.001 min

Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-4S-06122023MS

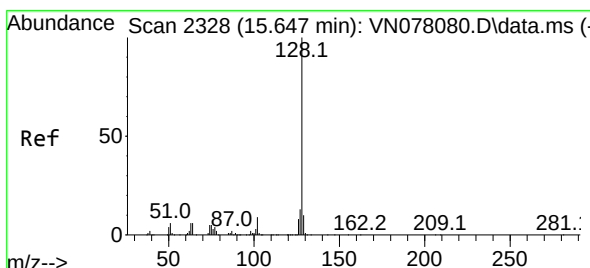
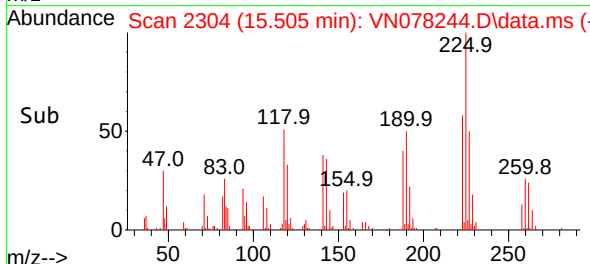
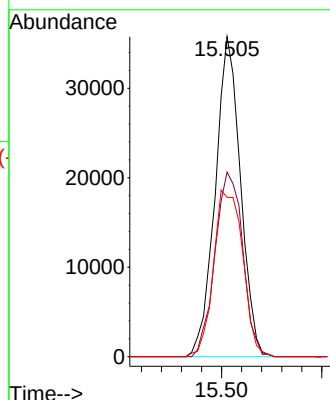
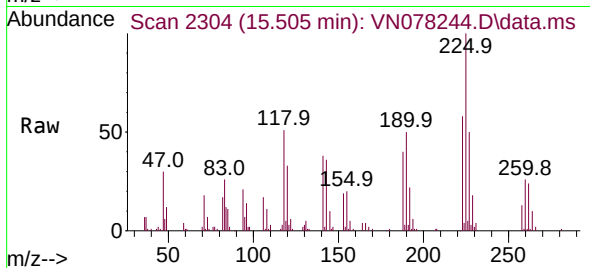
Tgt Ion:	225	Resp:	62590
Ion Ratio	Lower	Upper	
225	100		
223	63.1	31.3	93.8
227	60.0	31.9	95.9

Manual Integrations

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Supervised By :Mahesh Dadoda 06/16/2023



#95

Naphthalene

Concen: 37.777 ug/l

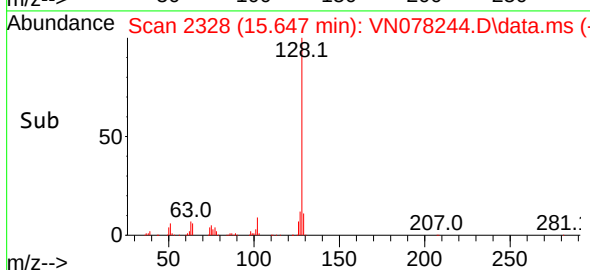
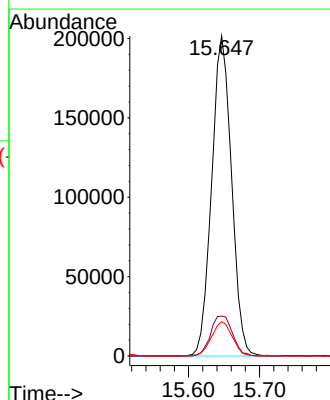
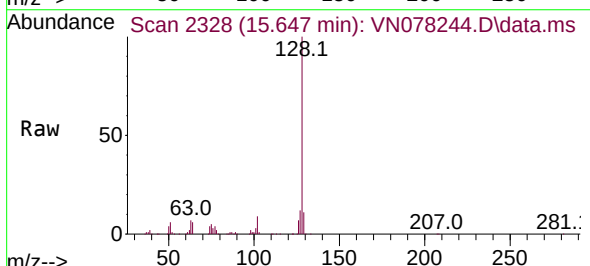
RT: 15.647 min Scan# 2328

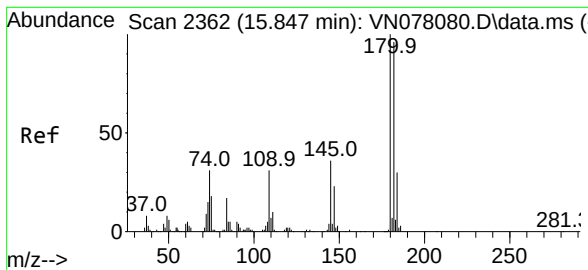
Delta R.T. -0.000 min

Lab File: VN078244.D

Acq: 15 Jun 2023 21:34

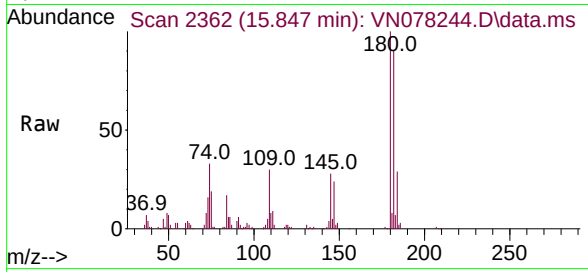
Tgt Ion:	128	Resp:	390699
Ion Ratio	Lower	Upper	
128	100		
127	13.8	10.0	15.0
129	11.2	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 40.014 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN078244.D
 Acq: 15 Jun 2023 21:34

Instrument : MSVOA_N
 ClientSampleId : FSND-MW-EVAL-4S-06122023MS



Tgt Ion:	180	Resp:	13759
Ion Ratio	Lower	Upper	
180	100		
182	92.4	46.2	138.6
145	32.0	17.5	52.6

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023

