

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012224\
 Data File : VN080740.D
 Acq On : 22 Jan 2024 16:59
 Operator : JC\MD
 Sample : VN0122WBS03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0122WBS03

Quant Time: Jan 23 03:56:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/23/2024
 Supervised By : Mahesh Dadoda 01/23/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	166785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	328645	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276109	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	106841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	133414	45.551	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.100%		
35) Dibromofluoromethane	8.165	113	98586	52.797	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.600%		
50) Toluene-d8	10.565	98	399639	56.129	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	112.260%		
62) 4-Bromofluorobenzene	12.847	95	138800	50.835	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.680%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	42717	15.765	ug/l	91
3) Chloromethane	2.359	50	65838	21.434	ug/l	93
4) Vinyl Chloride	2.512	62	49131	19.985	ug/l	98
5) Bromomethane	2.954	94	18673	19.984	ug/l	98
6) Chloroethane	3.124	64	28122	21.140	ug/l	# 87
7) Trichlorofluoromethane	3.501	101	65409	16.111	ug/l	89
8) Diethyl Ether	3.959	74	30896	17.413	ug/l	62
9) 1,1,2-Trichlorotrifluo...	4.371	101	39324	17.771	ug/l	95
10) Methyl Iodide	4.589	142	32256	17.433	ug/l	94
11) Tert butyl alcohol	5.506	59	33603	67.839	ug/l	95
12) 1,1-Dichloroethene	4.342	96	41478	16.657	ug/l	# 79
13) Acrolein	4.171	56	30200	72.969	ug/l	91
14) Allyl chloride	5.018	41	83163	16.848	ug/l	# 91
15) Acrylonitrile	5.712	53	110917	85.750	ug/l	98
16) Acetone	4.418	43	71314	74.163	ug/l	94
17) Carbon Disulfide	4.712	76	124489	16.345	ug/l	98
18) Methyl Acetate	5.024	43	52074	18.186	ug/l	# 81
19) Methyl tert-butyl Ether	5.783	73	145921	17.006	ug/l	92
20) Methylene Chloride	5.277	84	48382	17.235	ug/l	# 75
21) trans-1,2-Dichloroethene	5.783	96	44672	17.687	ug/l	# 78
22) Diisopropyl ether	6.671	45	183496	19.713	ug/l	# 84
23) Vinyl Acetate	6.600	43	686969	90.677	ug/l	# 83
24) 1,1-Dichloroethane	6.565	63	94501	18.547	ug/l	96
25) 2-Butanone	7.477	43	142288	81.862	ug/l	# 79
26) 2,2-Dichloropropane	7.483	77	77644	17.424	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	52224	18.756	ug/l	81
28) Bromochloromethane	7.806	49	41139	17.270	ug/l	# 57
29) Tetrahydrofuran	7.836	42	100209	85.536	ug/l	# 68
30) Chloroform	7.965	83	84834	17.760	ug/l	92
31) Cyclohexane	8.259	56	81374	17.983	ug/l	86
32) 1,1,1-Trichloroethane	8.165	97	70502	16.581	ug/l	# 89
36) 1,1-Dichloropropene	8.371	75	67441	17.632	ug/l	94
37) Ethyl Acetate	7.553	43	61681	16.630	ug/l	# 91
38) Carbon Tetrachloride	8.359	117	56200	16.364	ug/l	98
39) Methylcyclohexane	9.606	83	69181	18.900	ug/l	# 80
40) Benzene	8.606	78	209462	19.480	ug/l	96

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 Quant Title : SW846 8260
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Manual Integrations APPROVED

Reviewed By : John Carlone 01/23/2024
 Supervised By : Mahesh Dadoda 01/23/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	37846	17.591	ug/l #	79
42) 1,2-Dichloroethane	8.671	62	67767	16.462	ug/l	95
43) Isopropyl Acetate	8.688	43	114618	16.811	ug/l #	90
44) Trichloroethene	9.347	130	45655	18.755	ug/l	98
45) 1,2-Dichloropropane	9.618	63	55931	19.620	ug/l	98
46) Dibromomethane	9.706	93	31841	17.654	ug/l	94
47) Bromodichloromethane	9.888	83	67278	16.806	ug/l #	95
48) Methyl methacrylate	9.677	41	54853	16.993	ug/l #	73
49) 1,4-Dioxane	9.694	88	13573	337.471	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	314935	85.624	ug/l	89
52) Toluene	10.629	92	122449	19.875	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	79510	17.894	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	87310	18.529	ug/l #	81
55) 1,1,2-Trichloroethane	11.018	97	43557	18.368	ug/l	97
56) Ethyl methacrylate	10.877	69	73008	17.189	ug/l #	76
57) 1,3-Dichloropropane	11.159	76	82076	18.959	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	150564	74.011	ug/l #	83
59) 2-Hexanone	11.194	43	230950	85.057	ug/l	84
60) Dibromochloromethane	11.359	129	41984	17.227	ug/l	96
61) 1,2-Dibromoethane	11.471	107	41573	17.834	ug/l	98
64) Tetrachloroethene	11.100	164	34237	18.056	ug/l	95
65) Chlorobenzene	11.894	112	116341	19.286	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	40008	18.680	ug/l	97
67) Ethyl Benzene	11.965	91	219223	19.032	ug/l	96
68) m/p-Xylenes	12.071	106	156731	38.702	ug/l	88
69) o-Xylene	12.400	106	75240	19.002	ug/l	87
70) Styrene	12.412	104	127073	18.899	ug/l	96
71) Bromoform	12.576	173	23831	16.173	ug/l #	100
73) Isopropylbenzene	12.694	105	189847	18.686	ug/l	99
74) N-amyl acetate	12.494	43	103583	16.989	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.935	83	58118	17.439	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	58982m	17.903	ug/l	
77) Bromobenzene	12.976	156	37945	17.584	ug/l	73
78) n-propylbenzene	13.035	91	234825	18.841	ug/l	96
79) 2-Chlorotoluene	13.123	91	143597	17.978	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	155720	18.391	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	22462	16.073	ug/l #	74
82) 4-Chlorotoluene	13.223	91	141000	18.007	ug/l	93
83) tert-Butylbenzene	13.435	119	124653	18.416	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	154125	18.512	ug/l	99
85) sec-Butylbenzene	13.618	105	187858	19.533	ug/l	97
86) p-Isopropyltoluene	13.729	119	140979	18.560	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	71990	18.678	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	72096	18.361	ug/l	96
89) n-Butylbenzene	14.059	91	139771	19.091	ug/l	96
90) Hexachloroethane	14.335	117	24119	17.122	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	69858	19.234	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10990	14.140	ug/l	80
93) 1,2,4-Trichlorobenzene	15.394	180	35393	18.711	ug/l	97
94) Hexachlorobutadiene	15.506	225	15743	17.342	ug/l	97
95) Naphthalene	15.635	128	125356	16.839	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	32347	17.667	ug/l	95

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Instrument :
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Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 06:34:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :

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Manual Integrations

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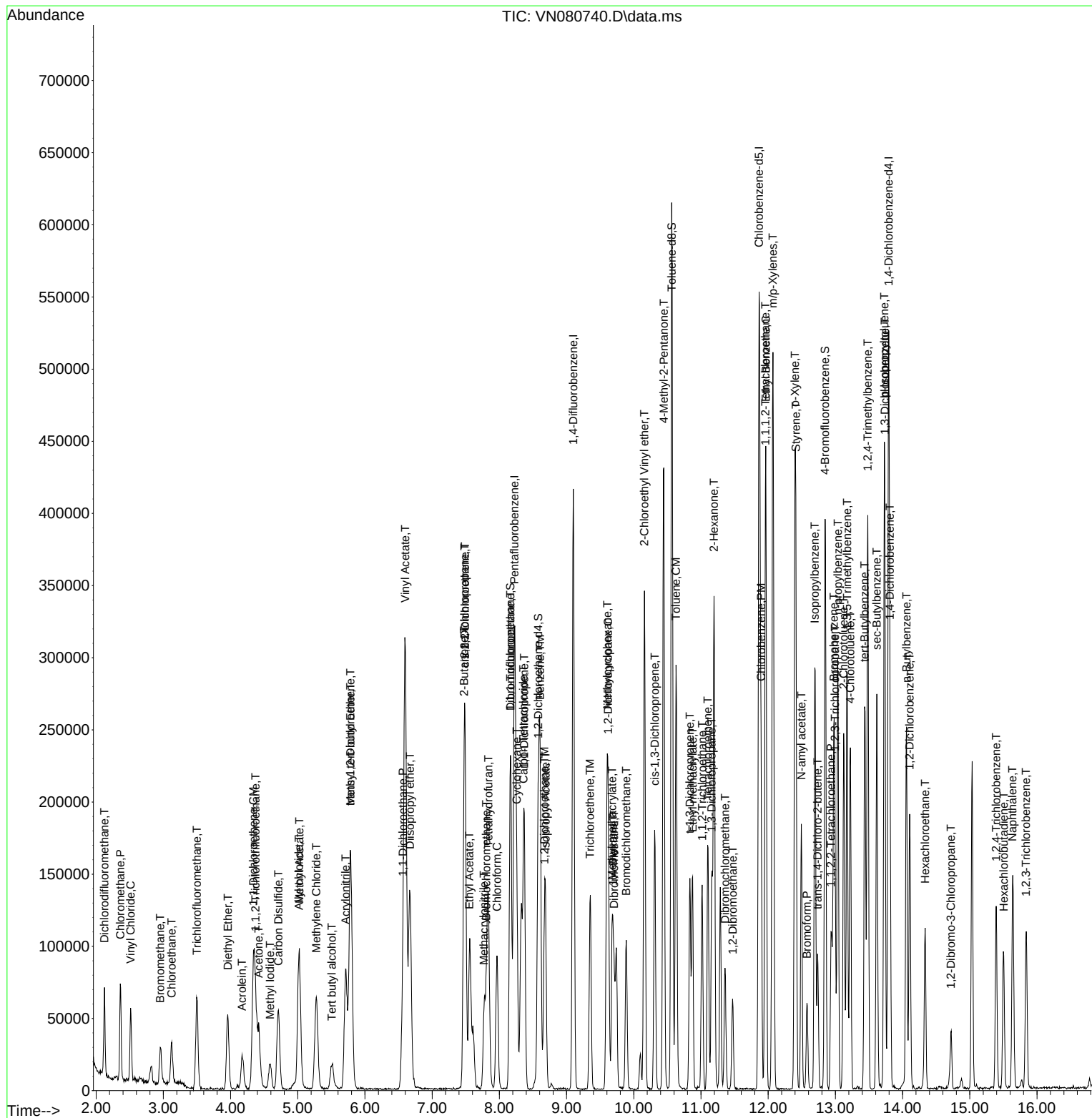
Quant Time: Jan 23 03:56:05 2024

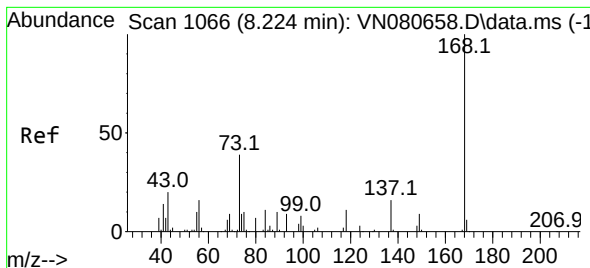
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Quant Title : SW846 8260

QLast Update : Thu Jan 11 06:34:36 2024

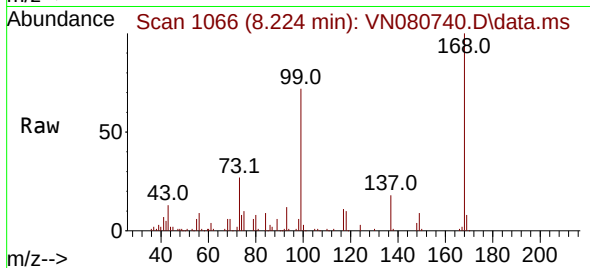
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

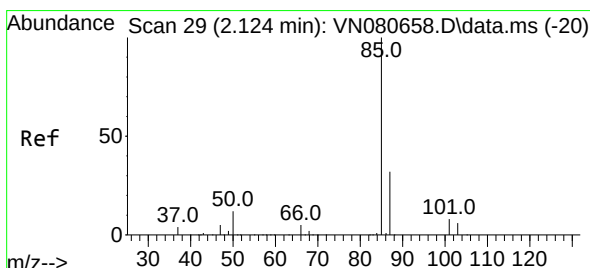
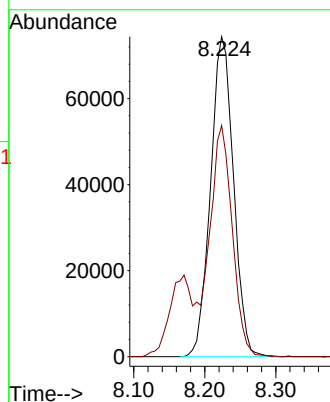
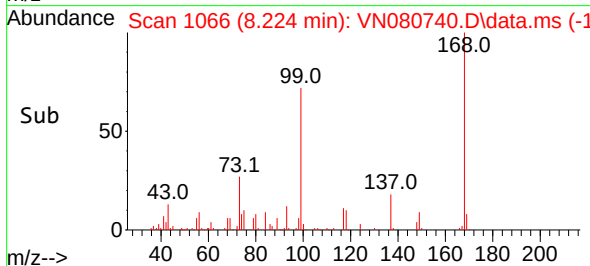
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS03



Tgt Ion:168 Resp: 166785
Ion Ratio Lower Upper
168 100
99 72.2 53.0 79.6

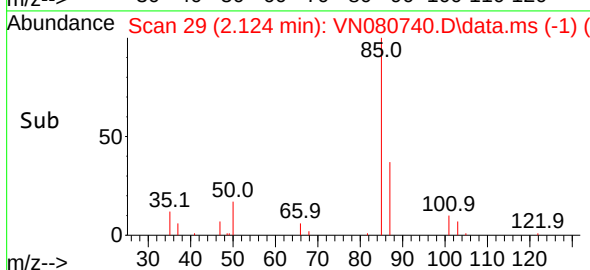
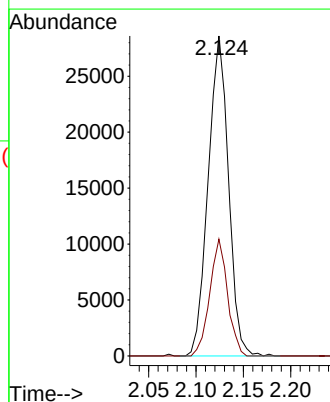
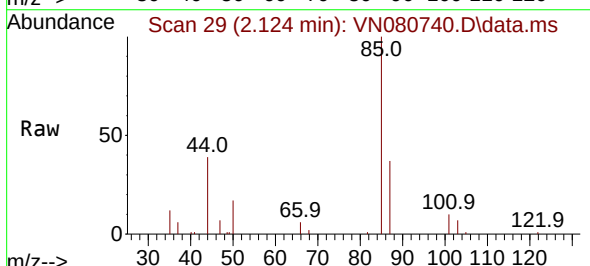
Manual Integrations
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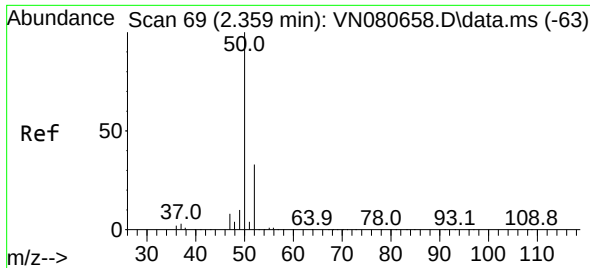
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#2
Dichlorodifluoromethane
Concen: 15.765 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

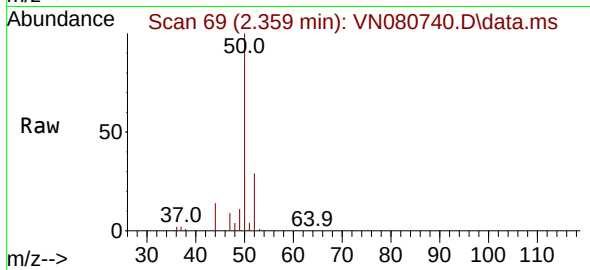
Tgt Ion: 85 Resp: 42717
Ion Ratio Lower Upper
85 100
87 36.5 15.8 47.4





#3
Chloromethane
Concen: 21.434 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

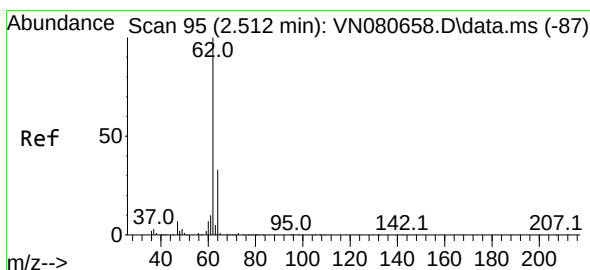
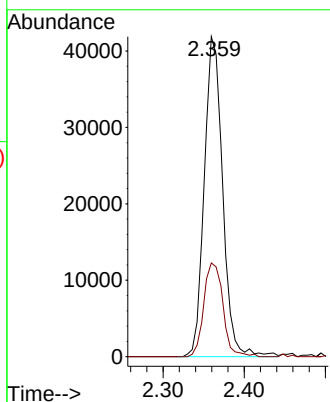
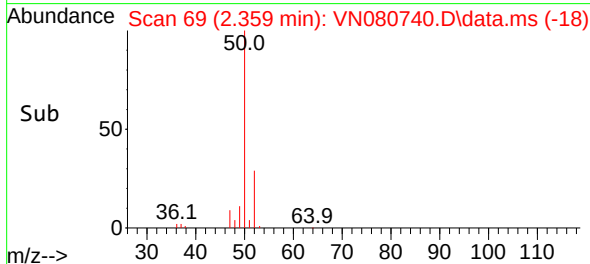
Instrument :
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ClientSampleId :
VN0122WBS03



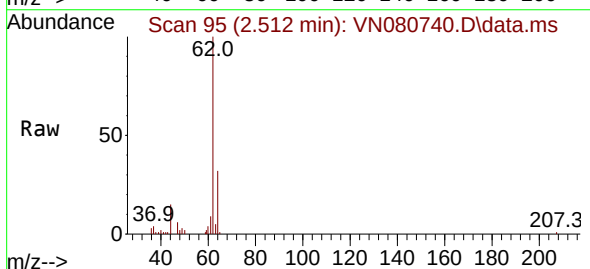
Tgt Ion: 50 Resp: 65838
Ion Ratio Lower Upper
50 100
52 29.3 26.5 39.7

Manual Integrations
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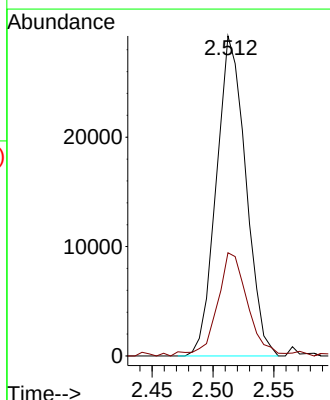
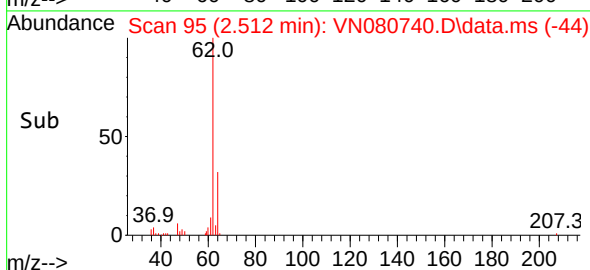
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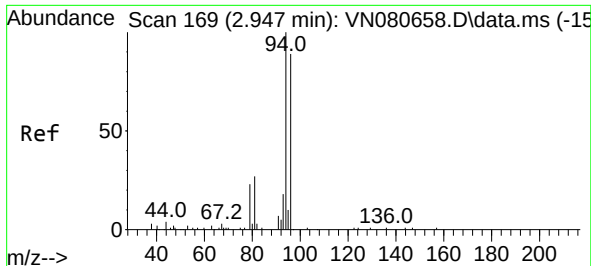


#4
Vinyl Chloride
Concen: 19.985 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59



Tgt Ion: 62 Resp: 49131
Ion Ratio Lower Upper
62 100
64 31.4 26.2 39.2





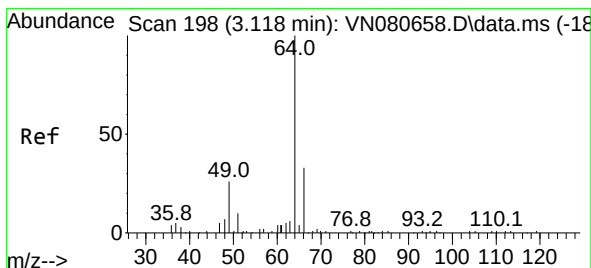
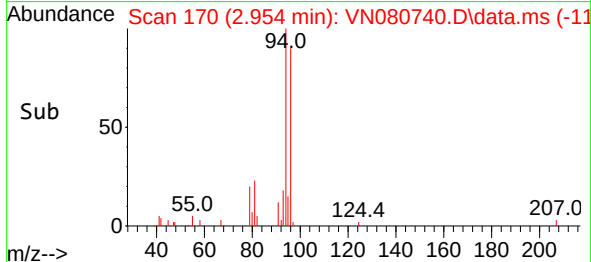
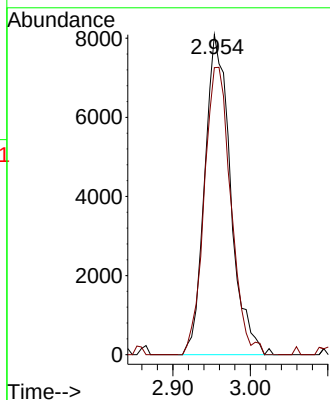
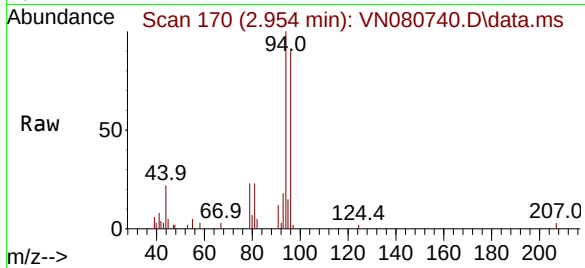
#5
Bromomethane
Concen: 19.984 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

Instrument :
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VN0122WBS03

Tgt Ion: 94 Resp: 1867
Ion Ratio Lower Upper
94 100
96 89.7 73.1 109.7

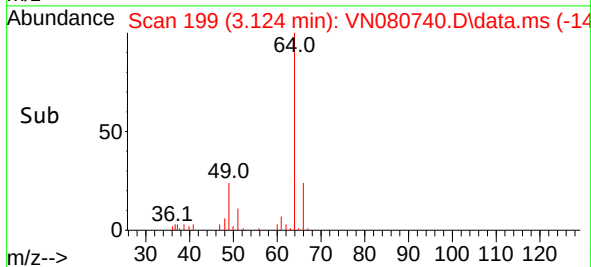
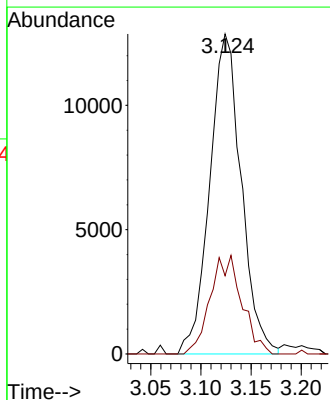
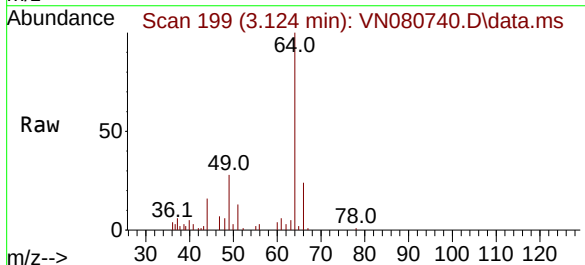
Manual Integrations
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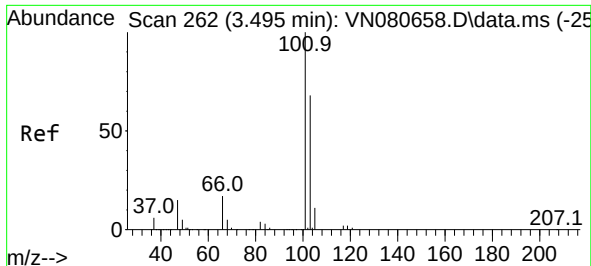
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#6
Chloroethane
Concen: 21.140 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

Tgt Ion: 64 Resp: 28122
Ion Ratio Lower Upper
64 100
66 24.4 25.4 38.2#





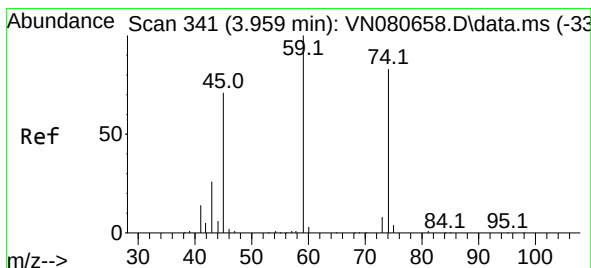
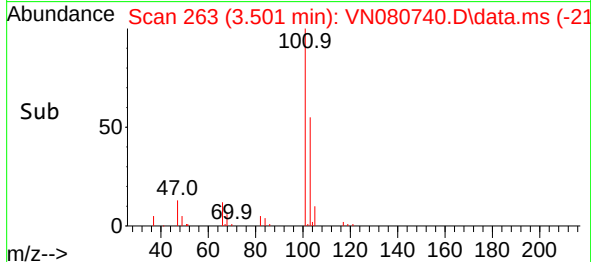
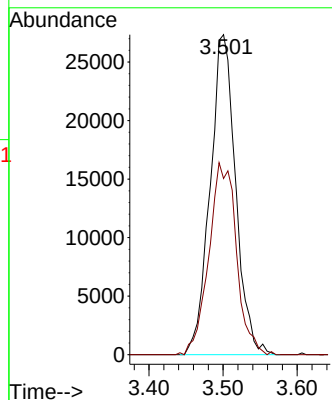
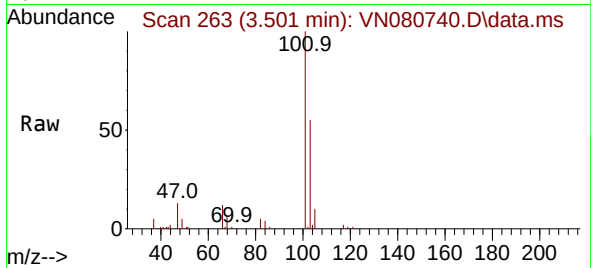
#7
Trichlorofluoromethane
Concen: 16.111 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS03

Tgt Ion:101 Resp: 65409
Ion Ratio Lower Upper
101 100
103 55.1 50.7 76.1

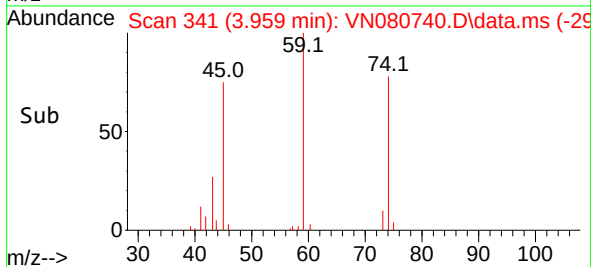
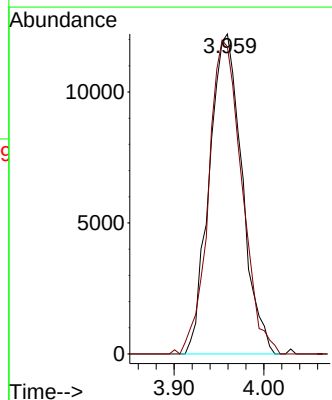
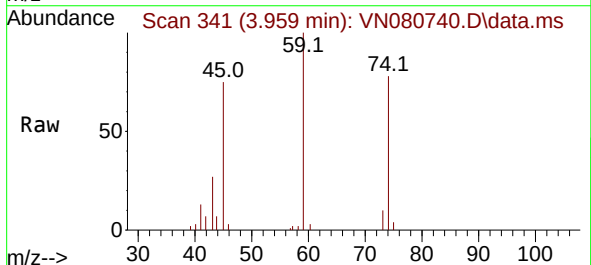
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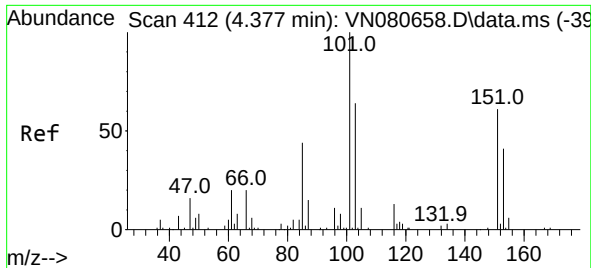
Reviewed By :John Carlone 01/23/2024
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#8
Diethyl Ether
Concen: 17.413 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

Tgt Ion: 74 Resp: 30896
Ion Ratio Lower Upper
74 100
45 99.8 34.4 103.3





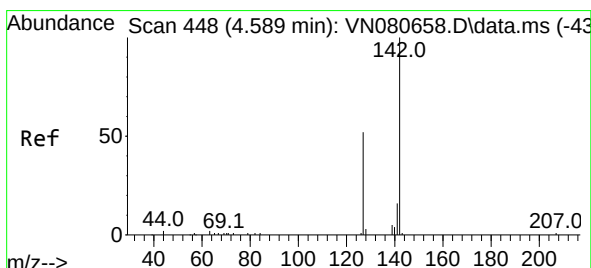
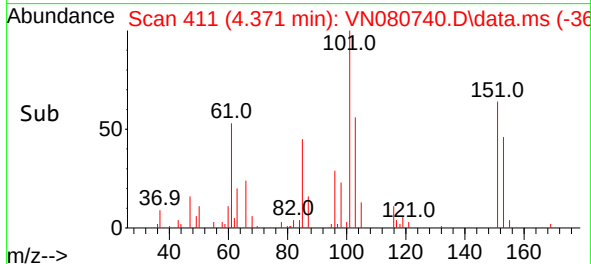
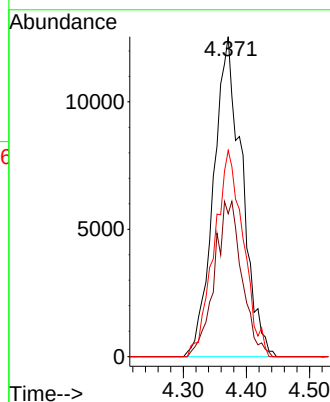
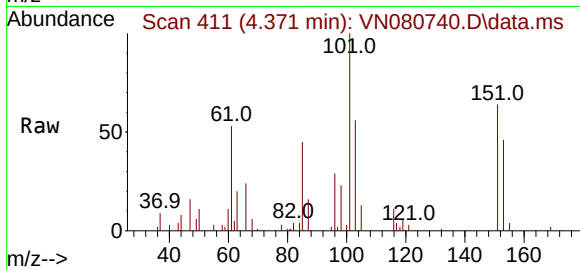
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.771 ug/l
RT: 4.371 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS03

Tgt Ion:101 Resp: 39324
Ion Ratio Lower Upper
101 100
85 47.1 36.6 55.0
151 66.1 57.6 86.4

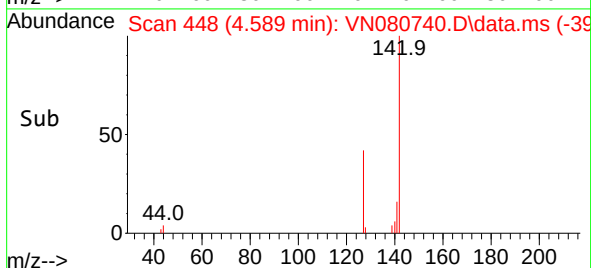
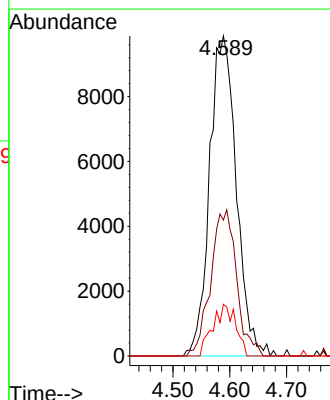
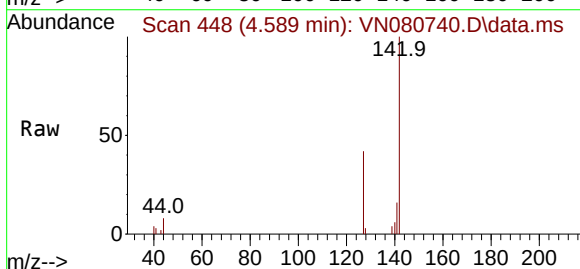
Manual Integrations
APPROVED

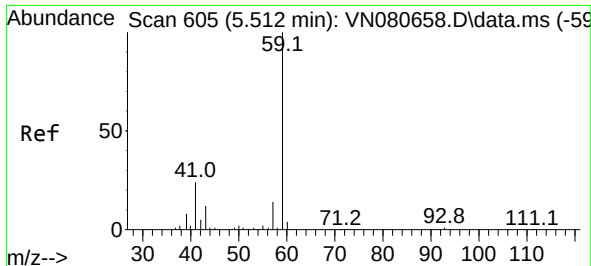
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#10
Methyl Iodide
Concen: 17.433 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

Tgt Ion:142 Resp: 32256
Ion Ratio Lower Upper
142 100
127 42.4 37.6 56.4
141 16.2 11.4 17.0





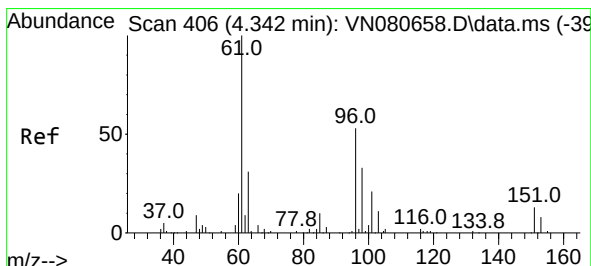
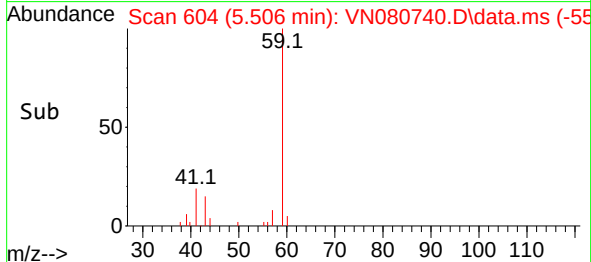
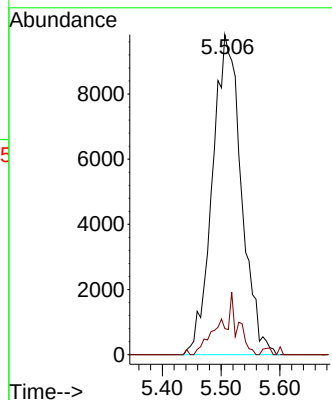
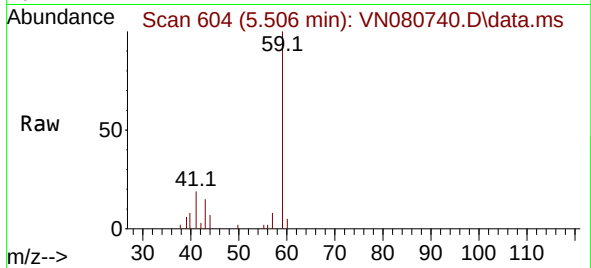
#11
Tert butyl alcohol
Concen: 67.839 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS03

Tgt Ion: 59 Resp: 3360
Ion Ratio Lower Upper
59 100
57 12.0 8.2 12.4

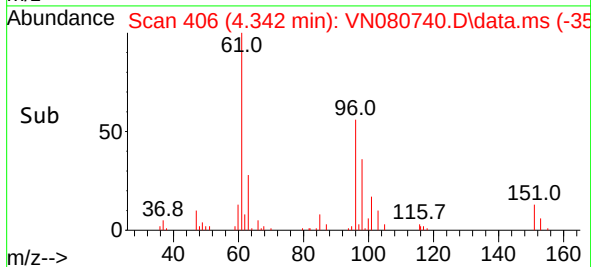
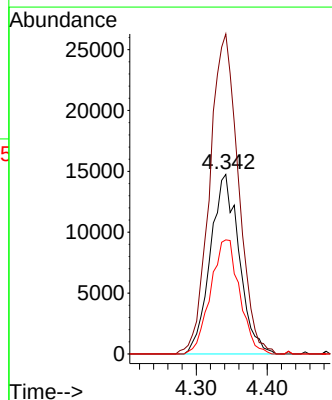
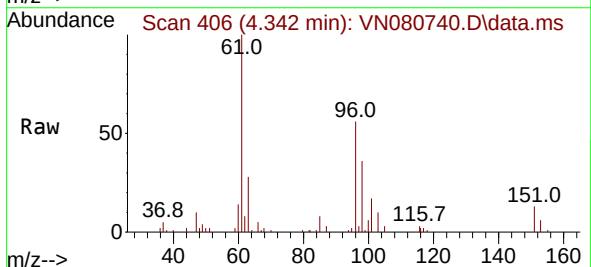
Manual Integrations
APPROVED

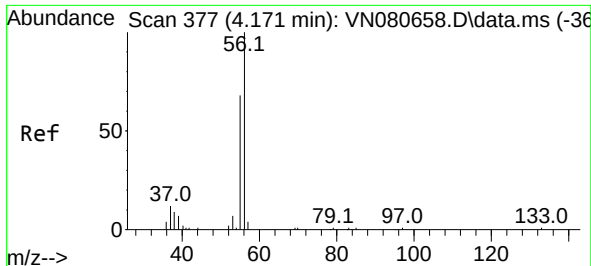
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#12
1,1-Dichloroethene
Concen: 16.657 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

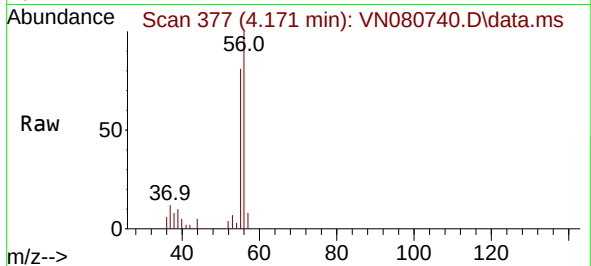
Tgt Ion: 96 Resp: 41478
Ion Ratio Lower Upper
96 100
61 178.2 112.7 169.1#
98 63.5 51.2 76.8





#13
Acrolein
Concen: 72.969 ug/l
RT: 4.171 min Scan# 377
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

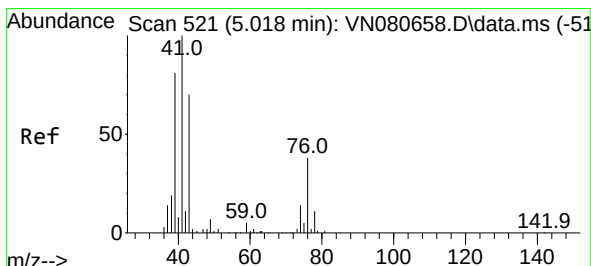
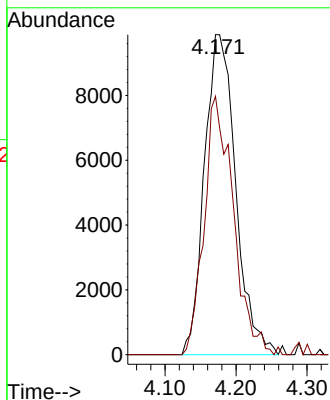
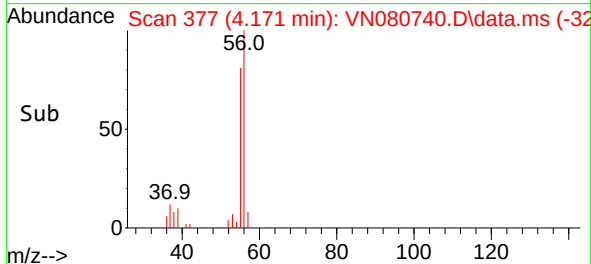
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS03



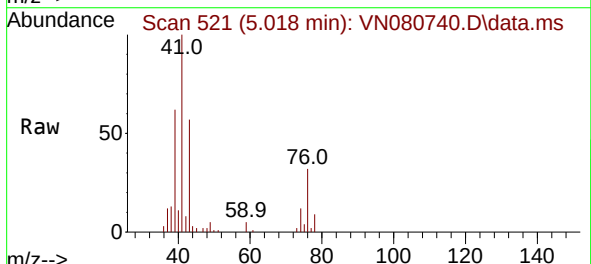
Tgt Ion: 56 Resp: 30200
Ion Ratio Lower Upper
56 100
55 75.3 54.5 81.7

Manual Integrations
APPROVED

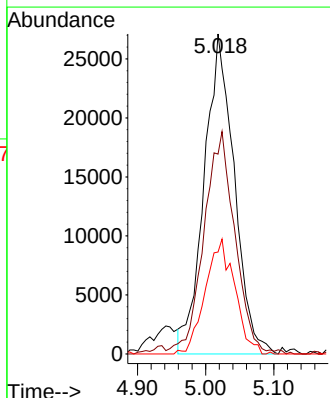
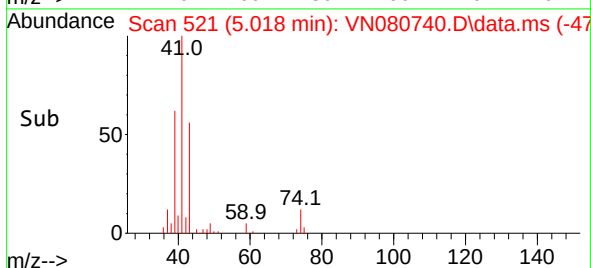
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024

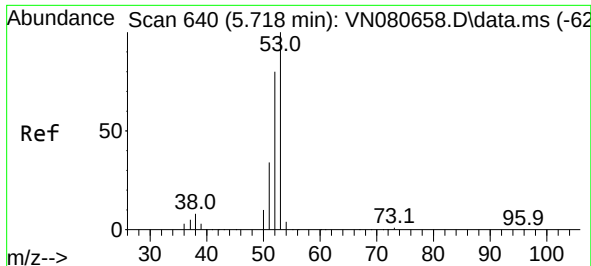


#14
Allyl chloride
Concen: 16.848 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59



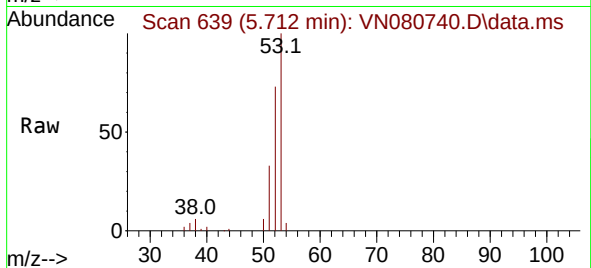
Tgt Ion: 41 Resp: 83163
Ion Ratio Lower Upper
41 100
39 72.1 58.8 88.2
76 35.1 39.1 58.7#





#15
Acrylonitrile
Concen: 85.750 ug/l
RT: 5.712 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

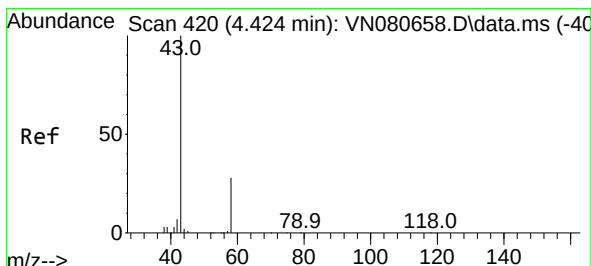
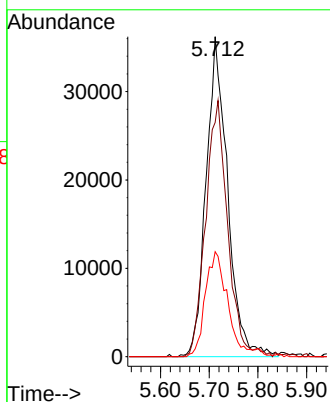
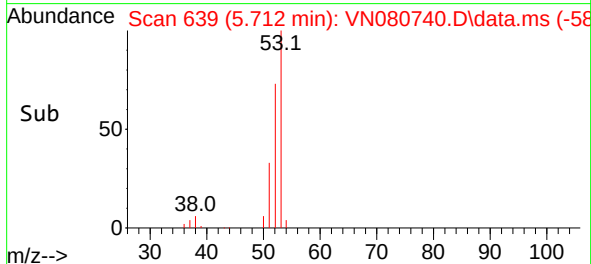
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS03



Tgt Ion: 53 Resp: 11091
Ion Ratio Lower Upper
53 100
52 81.9 65.3 97.9
51 33.6 28.9 43.3

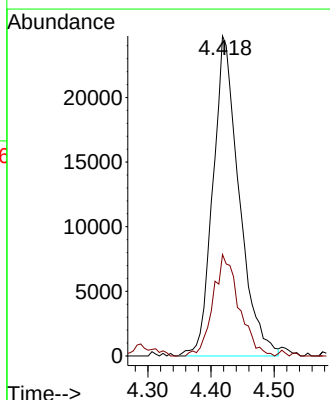
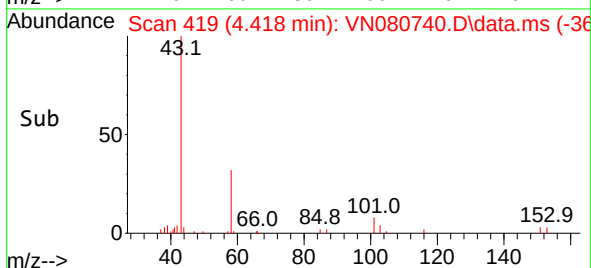
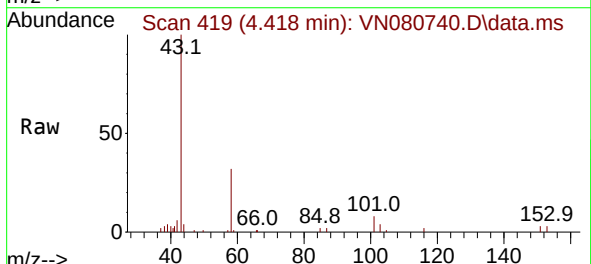
Manual Integrations
APPROVED

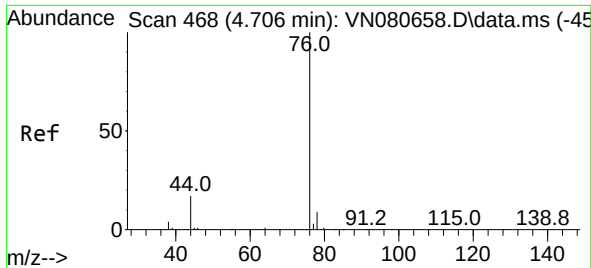
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#16
Acetone
Concen: 74.163 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

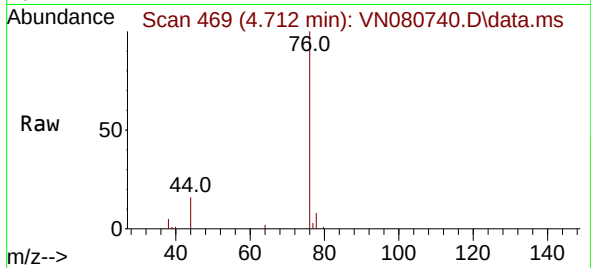
Tgt Ion: 43 Resp: 71314
Ion Ratio Lower Upper
43 100
58 31.7 28.0 42.0





#17
Carbon Disulfide
Concen: 16.345 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

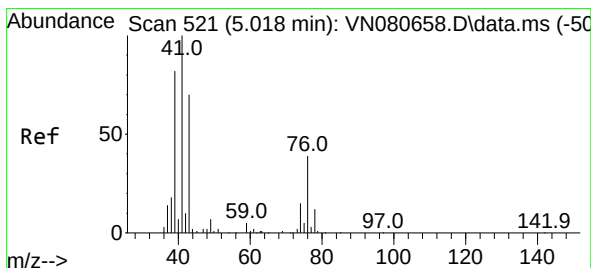
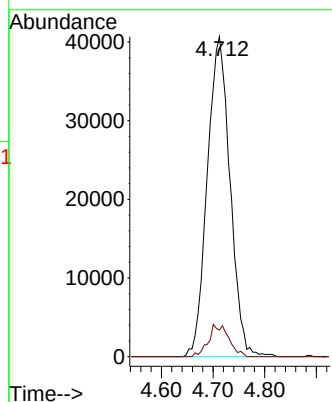
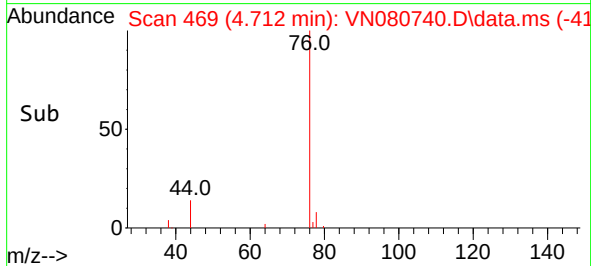
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS03



Tgt Ion: 76 Resp: 124489
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.0

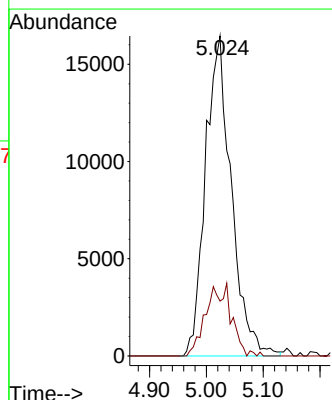
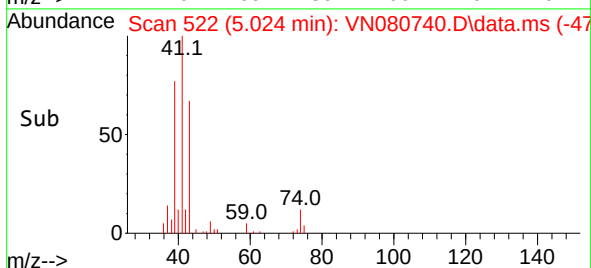
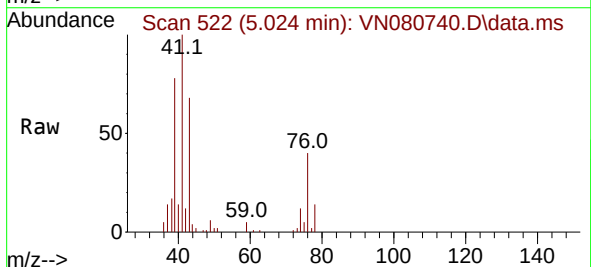
Manual Integrations
APPROVED

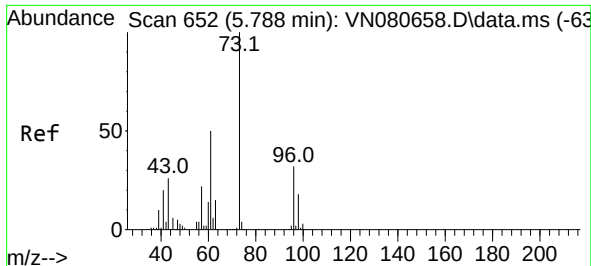
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#18
Methyl Acetate
Concen: 18.186 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

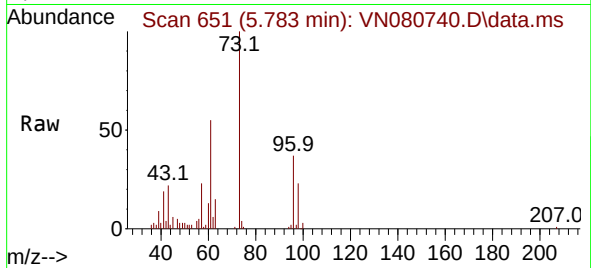
Tgt Ion: 43 Resp: 52074
Ion Ratio Lower Upper
43 100
74 22.1 26.2 39.4#





#19
Methyl tert-butyl Ether
Concen: 17.006 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

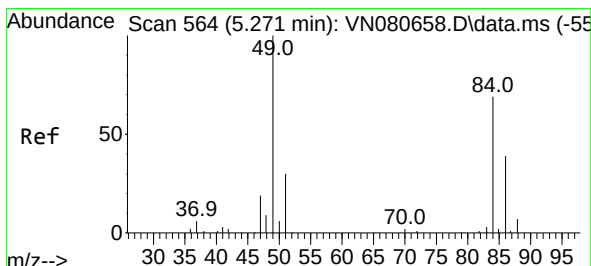
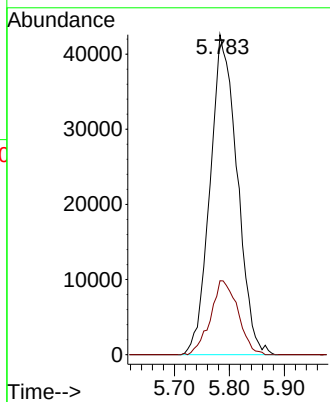
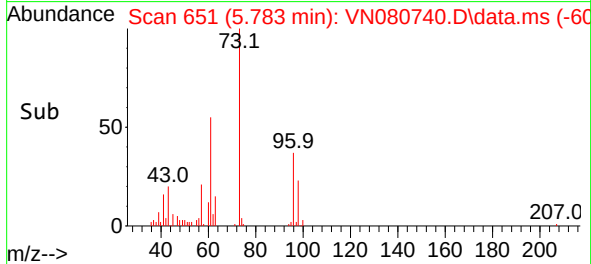
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS03



Tgt Ion: 73 Resp: 14592
Ion Ratio Lower Upper
73 100
57 23.1 15.6 23.4

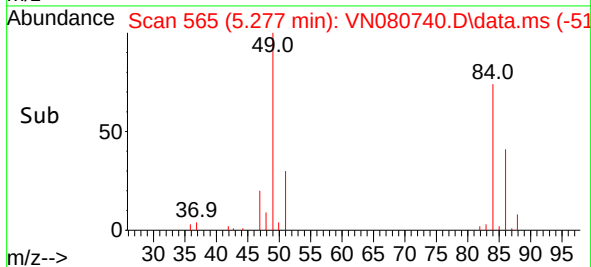
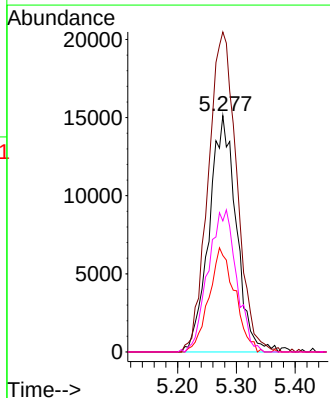
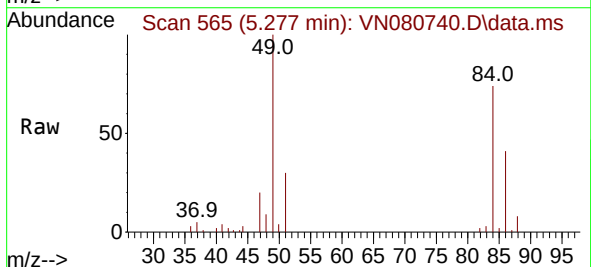
Manual Integrations
APPROVED

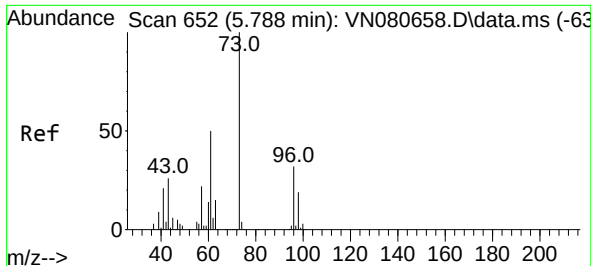
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#20
Methylene Chloride
Concen: 17.235 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

Tgt Ion: 84 Resp: 48382
Ion Ratio Lower Upper
84 100
49 135.4 79.7 119.5#
51 40.8 25.2 37.8#
86 55.4 53.3 79.9





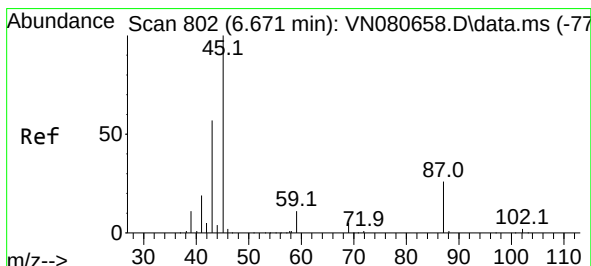
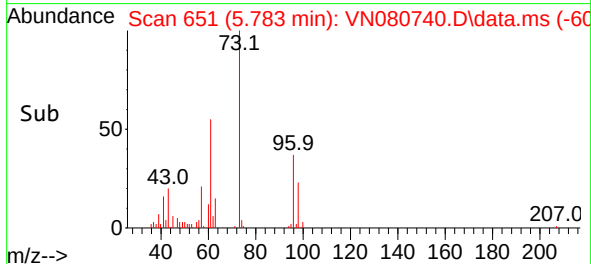
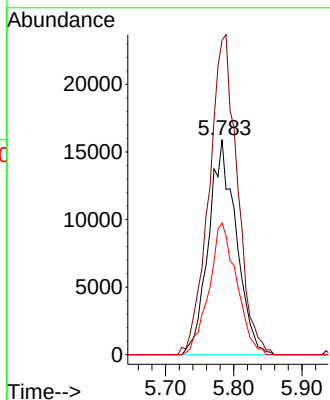
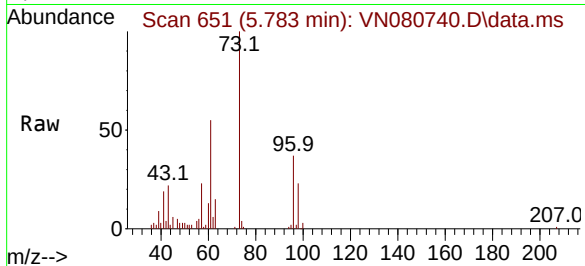
#21
trans-1,2-Dichloroethene
Concen: 17.687 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS03

Tgt Ion: 96 Resp: 44672
Ion Ratio Lower Upper
96 100
61 146.1 90.1 135.1#
98 61.2 46.4 69.6

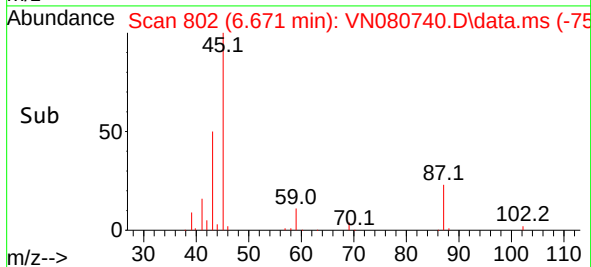
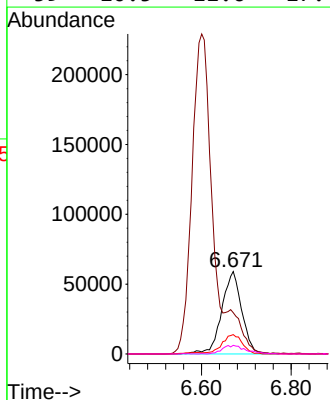
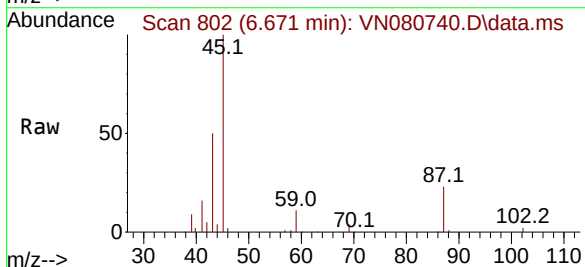
Manual Integrations
APPROVED

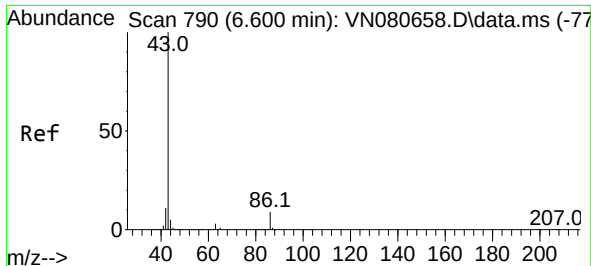
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#22
Diisopropyl ether
Concen: 19.713 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

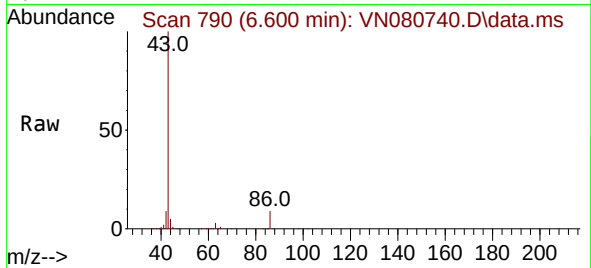
Tgt Ion: 45 Resp: 183496
Ion Ratio Lower Upper
45 100
43 49.0 45.5 68.3
87 23.4 31.8 47.8#
59 10.5 11.6 17.4#





#23
 Vinyl Acetate
 Concen: 90.677 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080740.D
 Acq: 22 Jan 2024 16:59

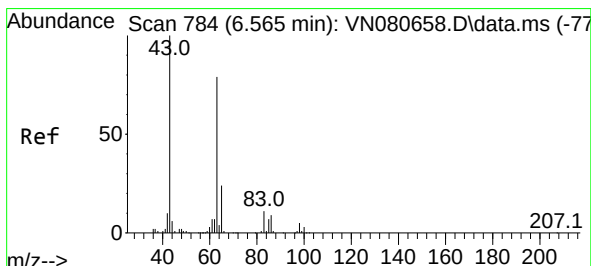
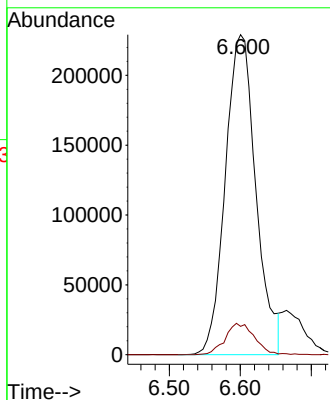
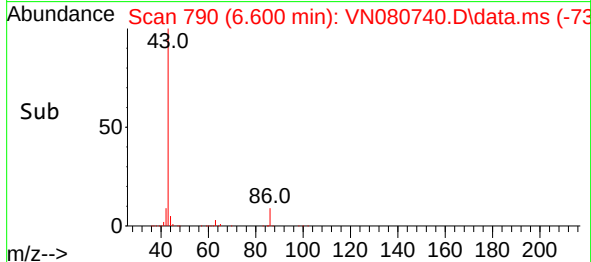
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0122WBS03



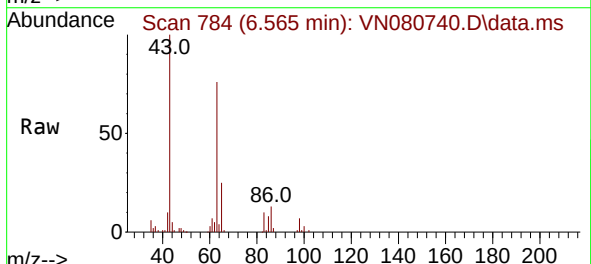
Tgt Ion: 43 Resp: 68696
 Ion Ratio Lower Upper
 43 100
 86 8.9 13.0 19.6

Manual Integrations
 APPROVED

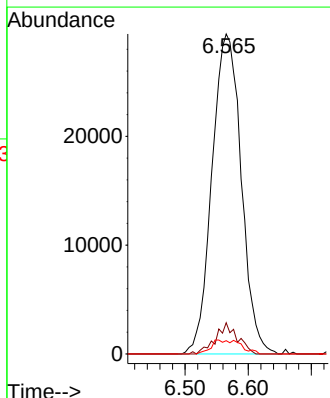
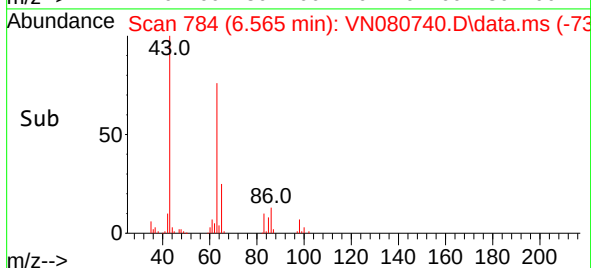
Reviewed By :John Carlone 01/23/2024
 Supervised By :Mahesh Dadoda 01/23/2024

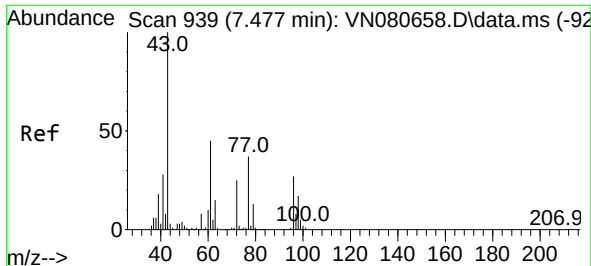


#24
 1,1-Dichloroethane
 Concen: 18.547 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN080740.D
 Acq: 22 Jan 2024 16:59



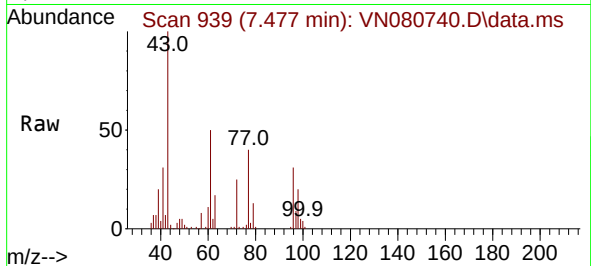
Tgt Ion: 63 Resp: 94501
 Ion Ratio Lower Upper
 63 100
 98 9.8 3.9 11.7
 100 4.2 2.5 7.4





#25
2-Butanone
Concen: 81.862 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

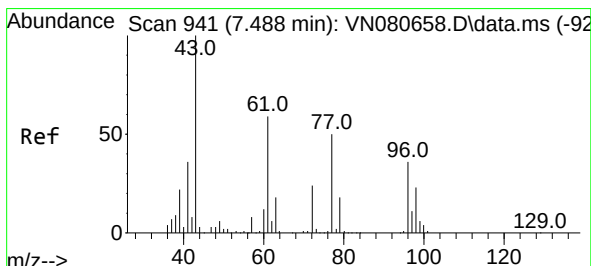
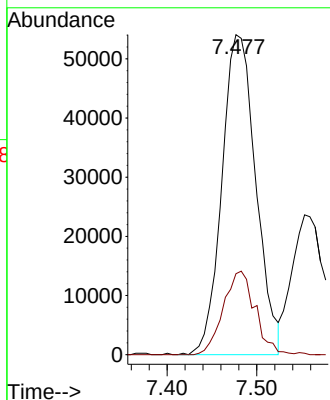
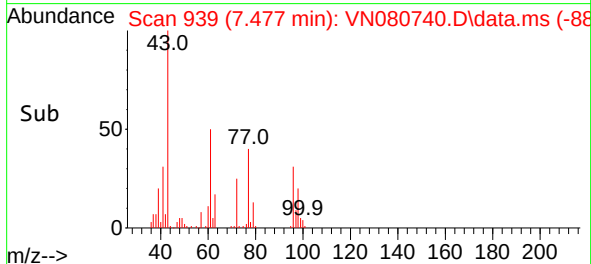
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS03



Tgt Ion: 43 Resp: 14228
Ion Ratio Lower Upper
43 100
72 25.3 30.2 45.2

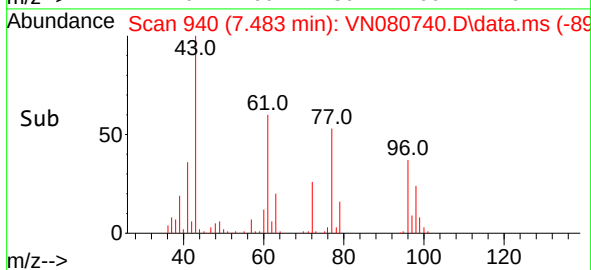
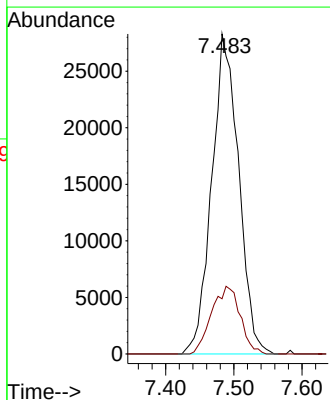
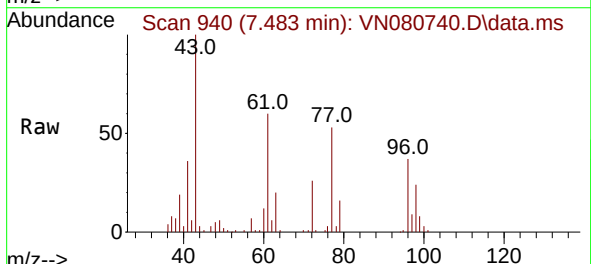
Manual Integrations
APPROVED

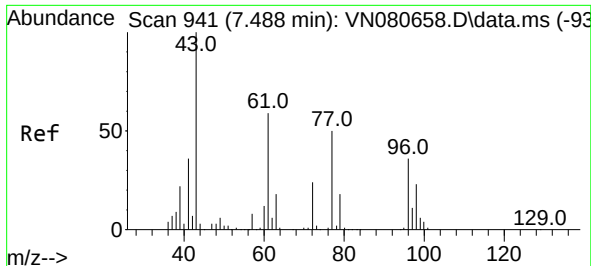
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#26
2,2-Dichloropropane
Concen: 17.424 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

Tgt Ion: 77 Resp: 77644
Ion Ratio Lower Upper
77 100
97 22.5 11.2 33.6





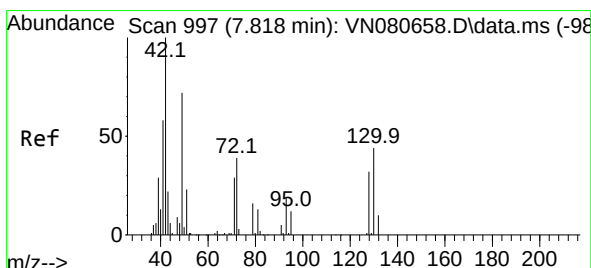
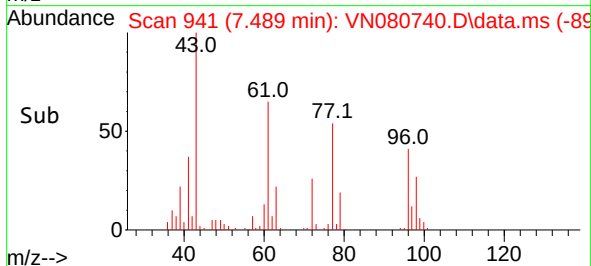
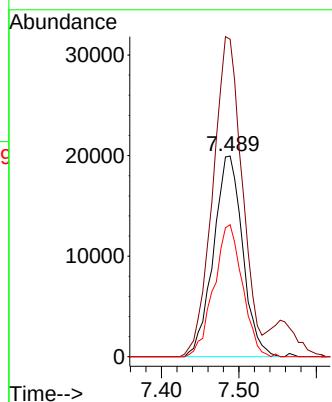
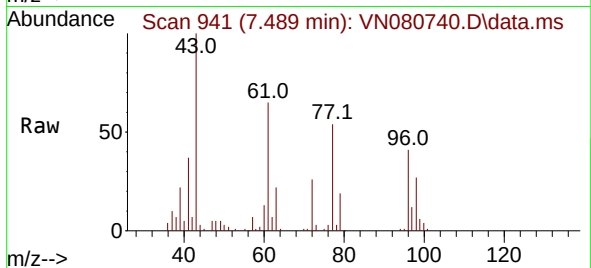
#27
 cis-1,2-Dichloroethene
 Concen: 18.756 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN080740.D
 Acq: 22 Jan 2024 16:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0122WBS03

Tgt Ion: 96 Resp: 52224
 Ion Ratio Lower Upper
 96 100
 61 160.2 0.0 255.2
 98 64.4 0.0 128.8

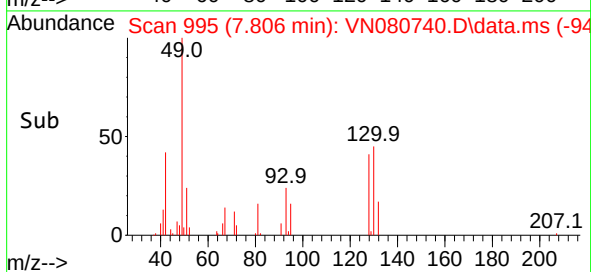
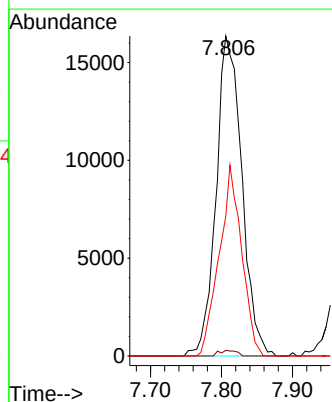
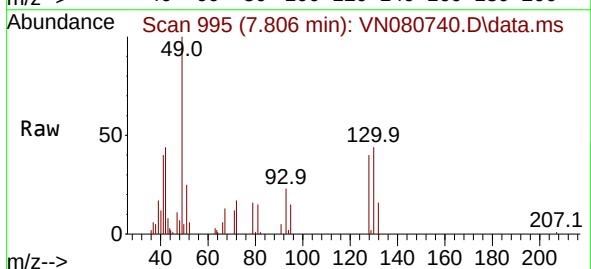
Manual Integrations
 APPROVED

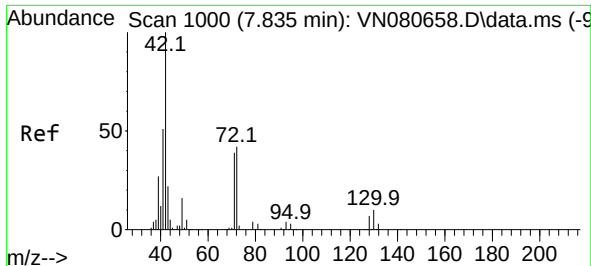
Reviewed By :John Carlone 01/23/2024
 Supervised By :Mahesh Dadoda 01/23/2024



#28
 Bromochloromethane
 Concen: 17.270 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.012 min
 Lab File: VN080740.D
 Acq: 22 Jan 2024 16:59

Tgt Ion: 49 Resp: 41139
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.8
 130 52.0 75.3 112.9#





#29

Tetrahydrofuran

Concen: 85.536 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080740.D

Acq: 22 Jan 2024 16:59

Instrument :

MSVOA_N

ClientSampleId :

VN0122WBS03

Tgt Ion: 42 Resp: 100209

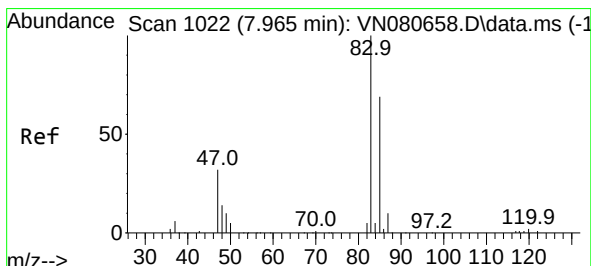
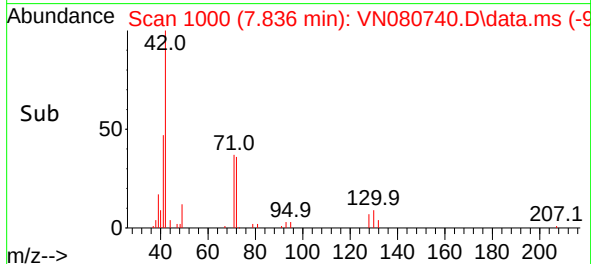
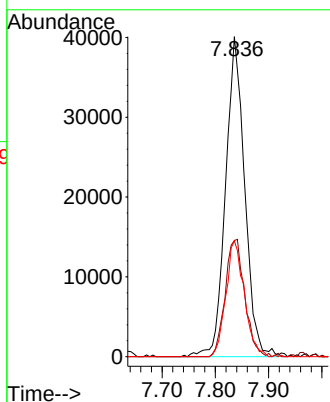
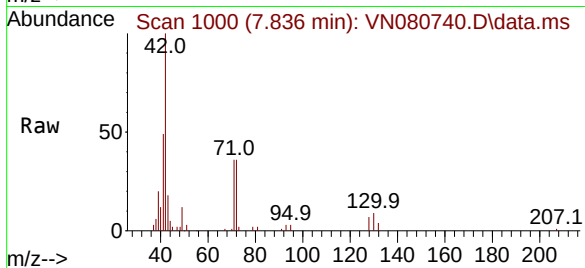
Ion	Ratio	Lower	Upper
42	100		
72	37.3	49.8	74.6
71	34.9	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2024

Supervised By :Mahesh Dadoda 01/23/2024



#30

Chloroform

Concen: 17.760 ug/l

RT: 7.965 min Scan# 1022

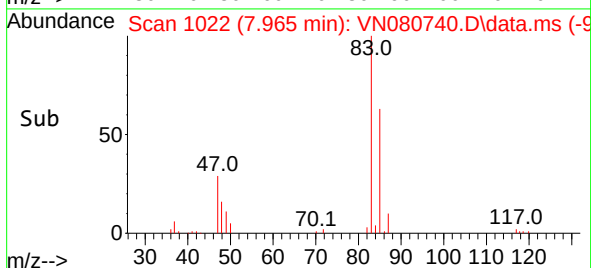
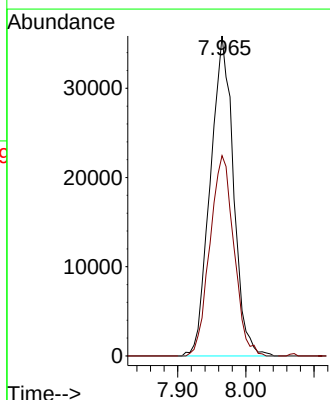
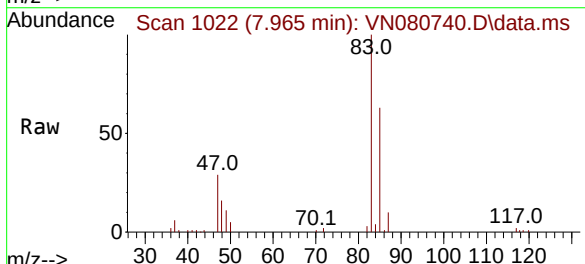
Delta R.T. 0.000 min

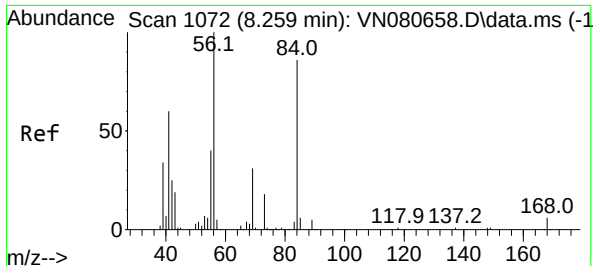
Lab File: VN080740.D

Acq: 22 Jan 2024 16:59

Tgt Ion: 83 Resp: 84834

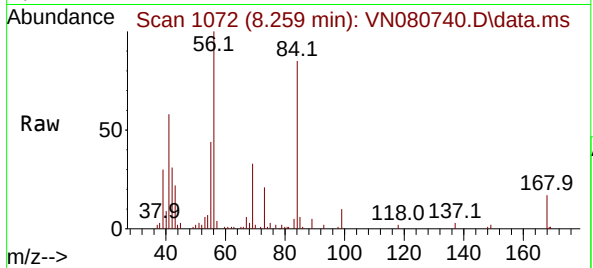
Ion	Ratio	Lower	Upper
83	100		
85	62.6	55.4	83.0





#31
Cyclohexane
Concen: 17.983 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

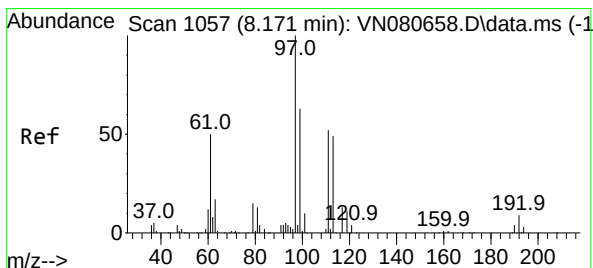
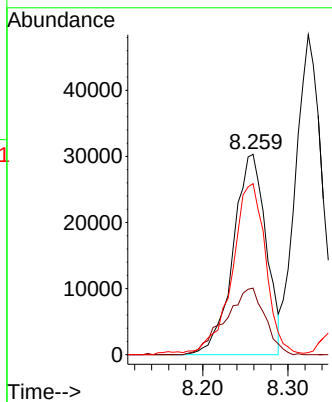
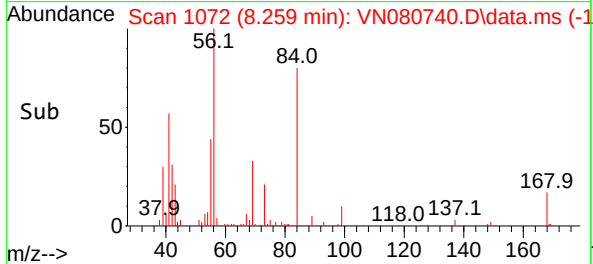
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS03



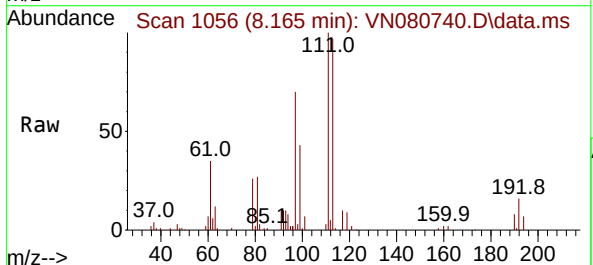
Tgt Ion: 56 Resp: 81374
Ion Ratio Lower Upper
56 100
69 33.2 26.8 40.2
84 83.9 81.8 122.6

Manual Integrations
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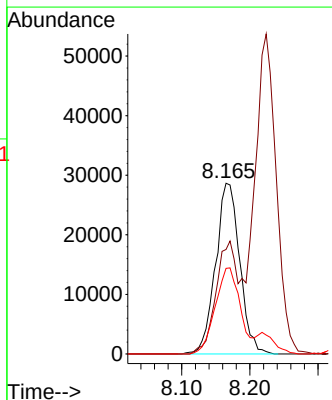
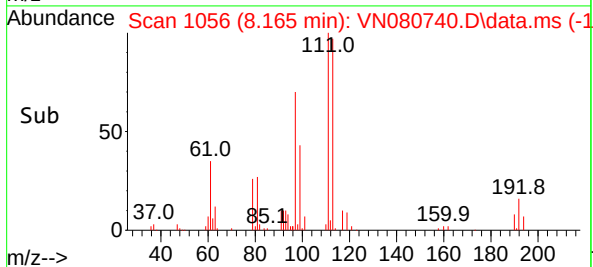
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024

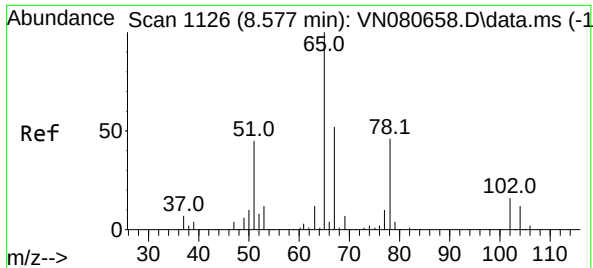


#32
1,1,1-Trichloroethane
Concen: 16.581 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59



Tgt Ion: 97 Resp: 70502
Ion Ratio Lower Upper
97 100
99 56.3 50.3 75.5
61 52.6 34.7 52.1#





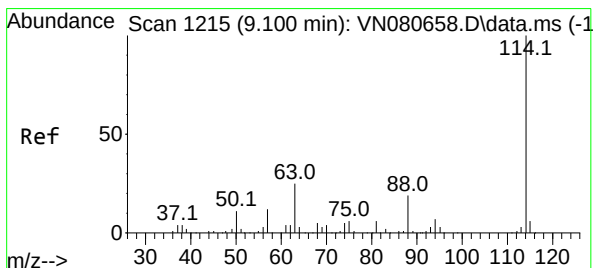
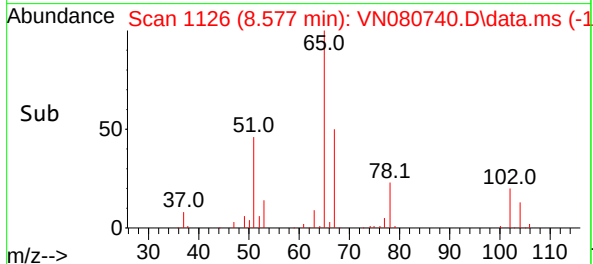
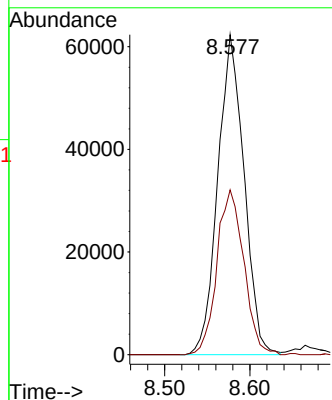
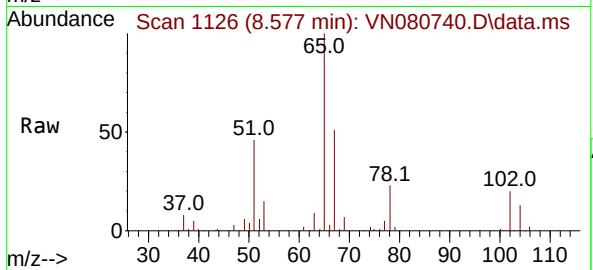
#33
1,2-Dichloroethane-d4
Concen: 45.551 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS03

Tgt Ion: 65 Resp: 133414
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.6

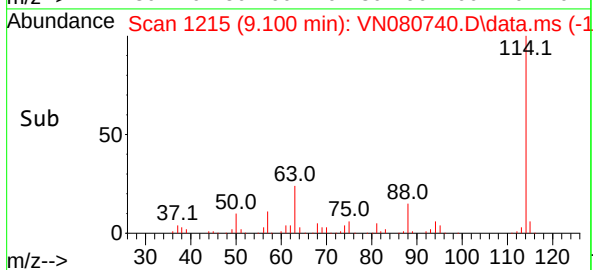
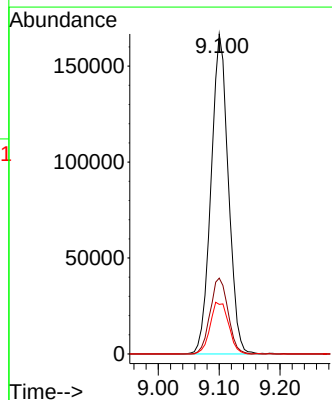
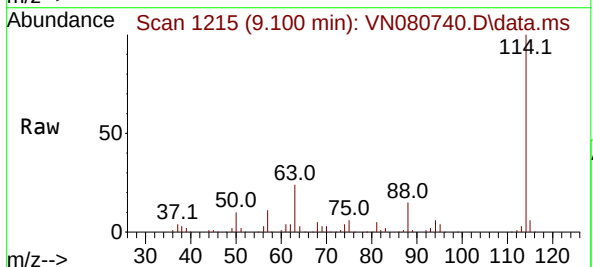
Manual Integrations
APPROVED

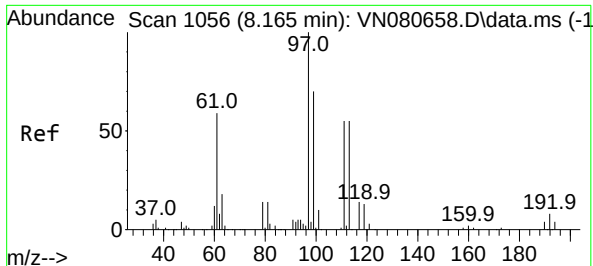
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

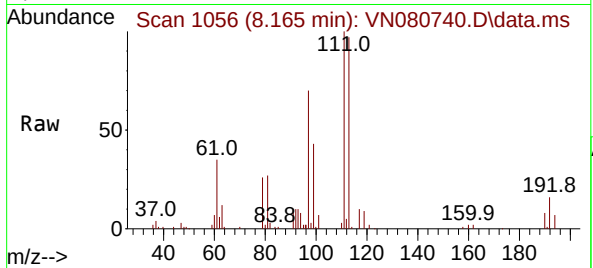
Tgt Ion:114 Resp: 328645
Ion Ratio Lower Upper
114 100
63 23.7 0.0 36.4
88 15.5 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.797 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

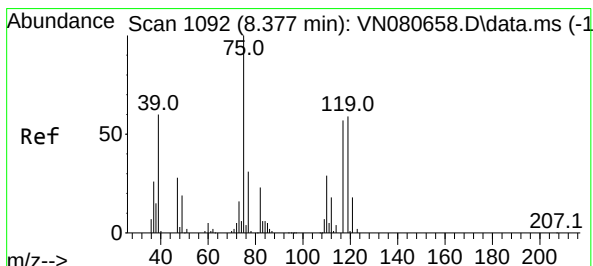
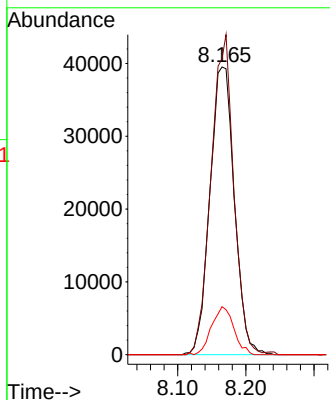
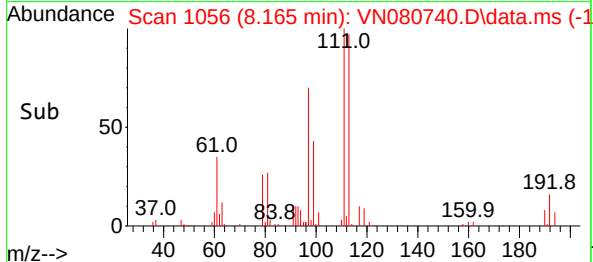
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS03



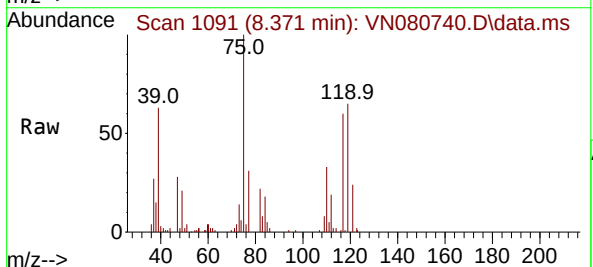
Tgt Ion:113 Resp: 98580
Ion Ratio Lower Upper
113 100
111 103.8 82.6 123.8
192 15.2 12.7 19.1

Manual Integrations
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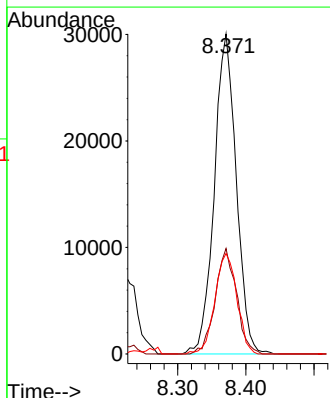
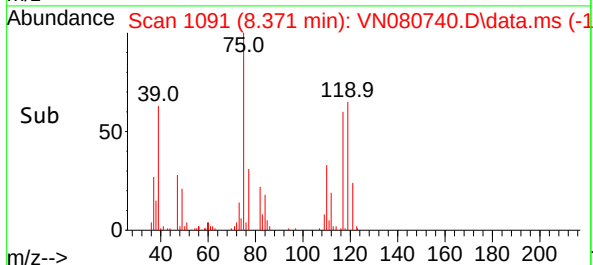
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024

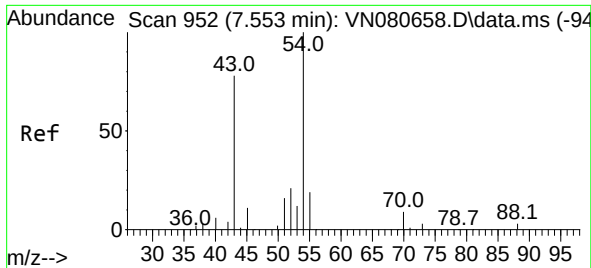


#36
1,1-Dichloropropene
Concen: 17.632 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59



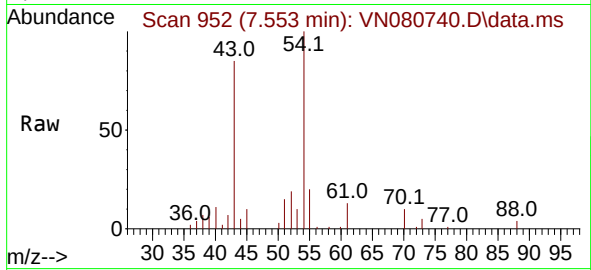
Tgt Ion: 75 Resp: 67441
Ion Ratio Lower Upper
75 100
110 32.0 19.1 57.3
77 31.5 25.0 37.4





#37
Ethyl Acetate
Concen: 16.630 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

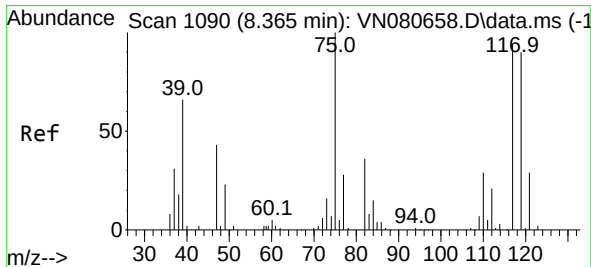
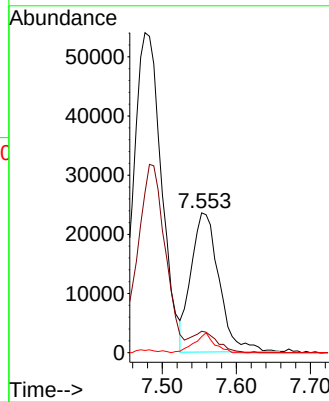
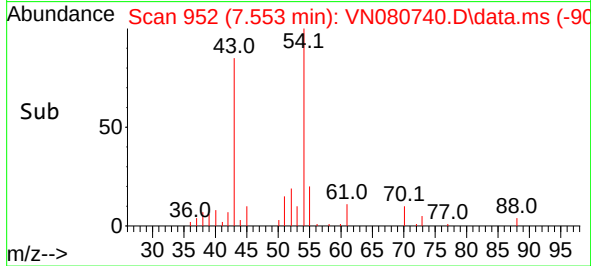
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS03



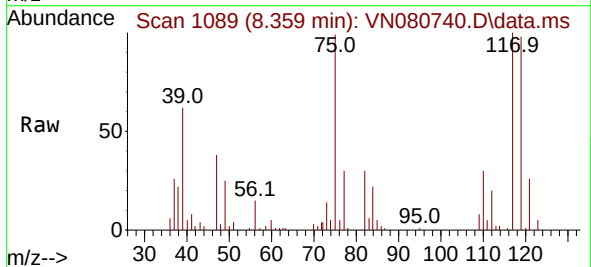
Tgt Ion: 43 Resp: 6168
Ion Ratio Lower Upper
43 100
61 13.0 13.2 19.8
70 10.0 11.3 16.9

Manual Integrations
APPROVED

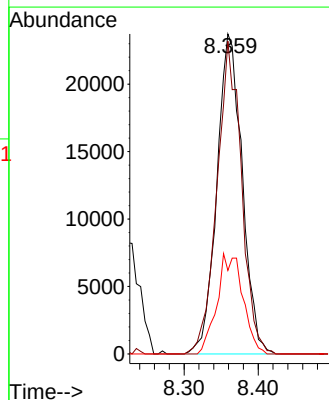
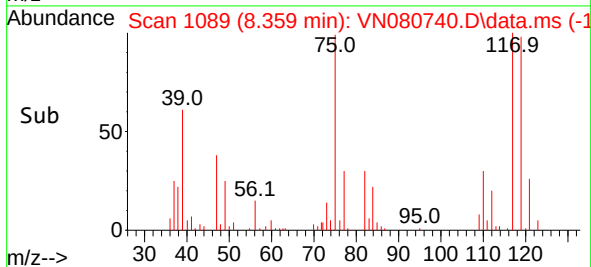
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024

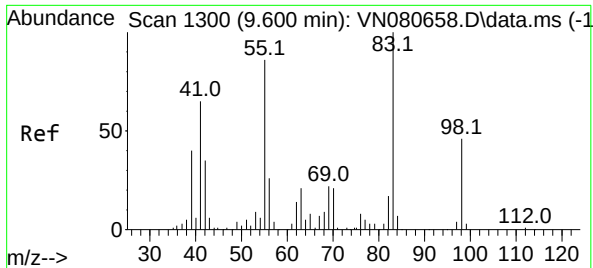


#38
Carbon Tetrachloride
Concen: 16.364 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59



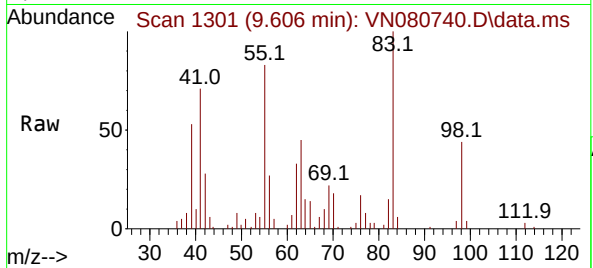
Tgt Ion:117 Resp: 56200
Ion Ratio Lower Upper
117 100
119 97.8 77.3 115.9
121 26.1 23.3 34.9





#39
Methylcyclohexane
Concen: 18.900 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

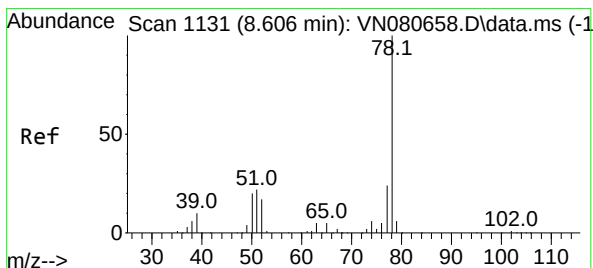
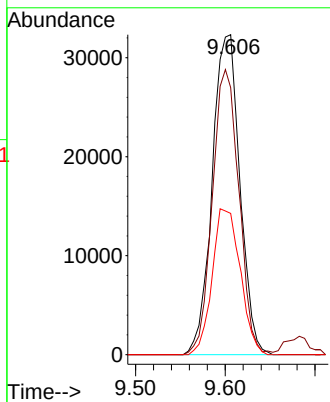
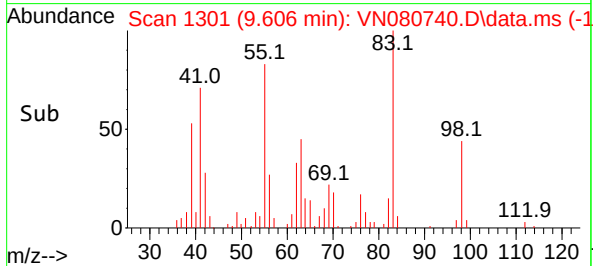
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS03



Tgt Ion: 83 Resp: 6918
Ion Ratio Lower Upper
83 100
55 83.4 49.1 73.7
98 44.1 40.6 61.0

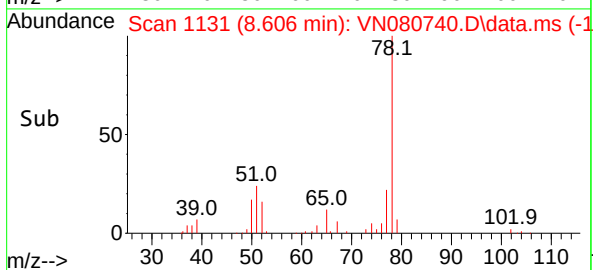
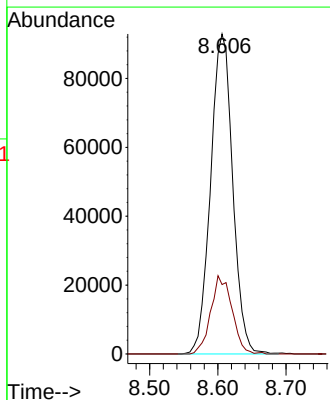
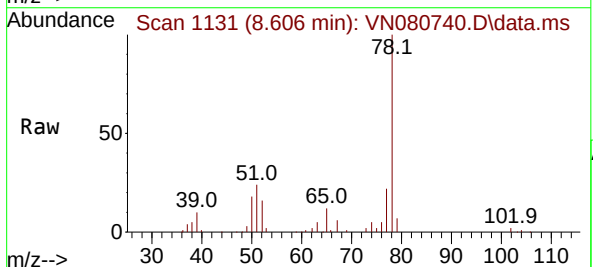
Manual Integrations
APPROVED

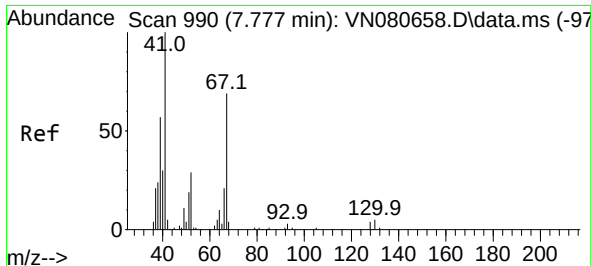
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#40
Benzene
Concen: 19.480 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

Tgt Ion: 78 Resp: 209462
Ion Ratio Lower Upper
78 100
77 21.7 19.0 28.6





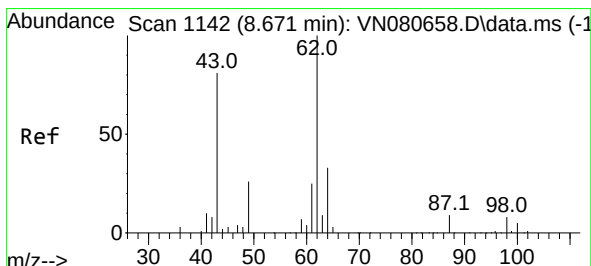
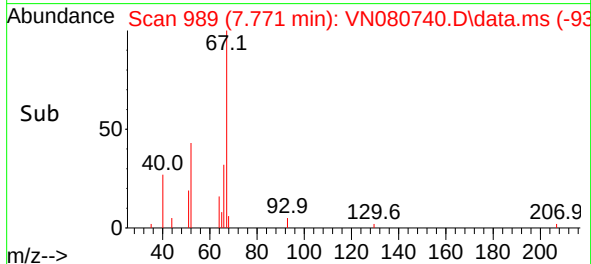
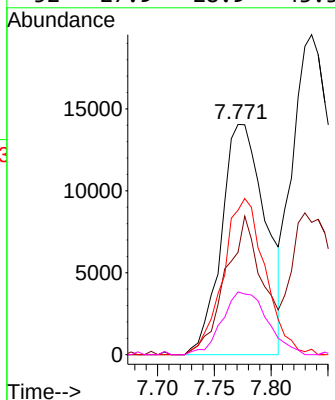
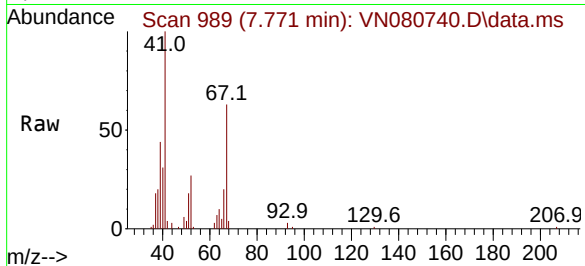
#41
Methacrylonitrile
Concen: 17.591 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS03

Tgt Ion: 41 Resp: 37840
Ion Ratio Lower Upper
41 100
39 50.9 42.6 64.0
67 64.6 77.5 116.3
52 27.9 28.9 43.3#

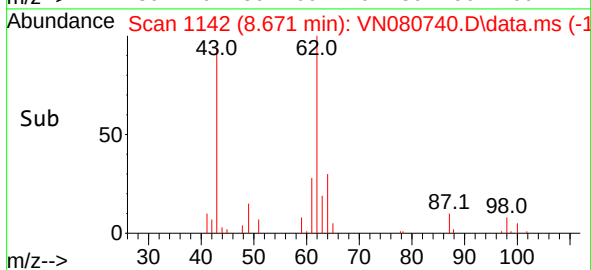
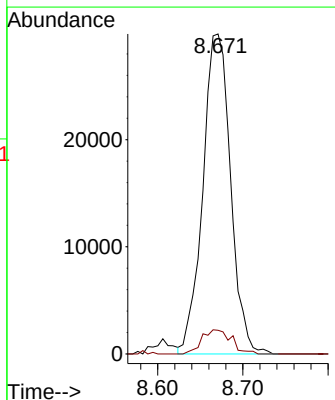
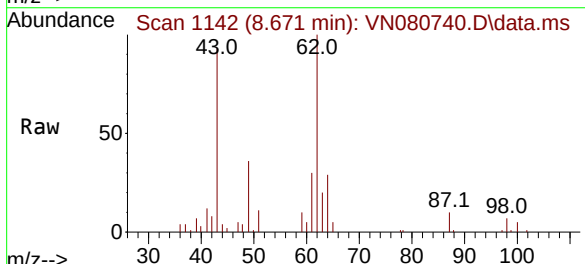
Manual Integrations
APPROVED

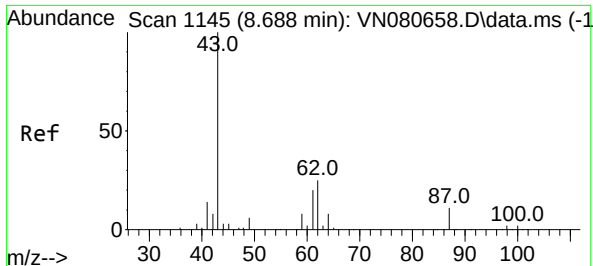
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#42
1,2-Dichloroethane
Concen: 16.462 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

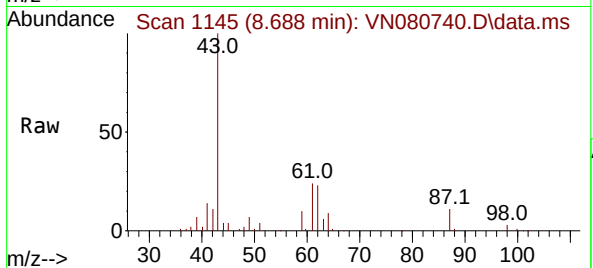
Tgt Ion: 62 Resp: 67767
Ion Ratio Lower Upper
62 100
98 8.1 0.0 19.8





#43
Isopropyl Acetate
Concen: 16.811 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

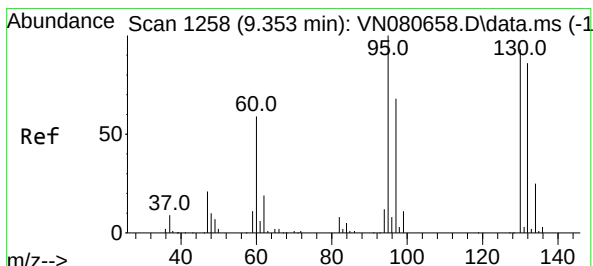
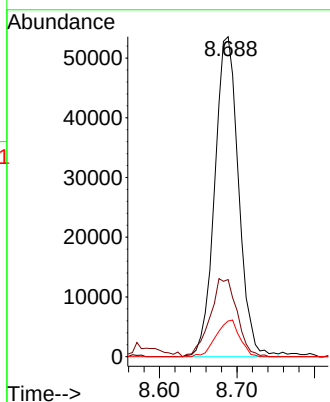
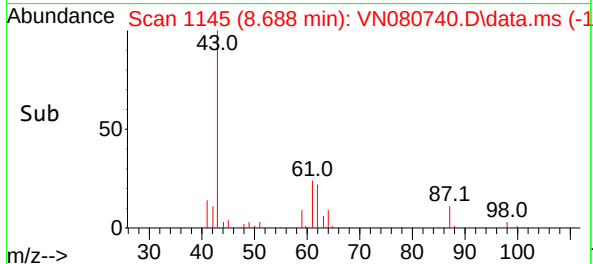
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS03



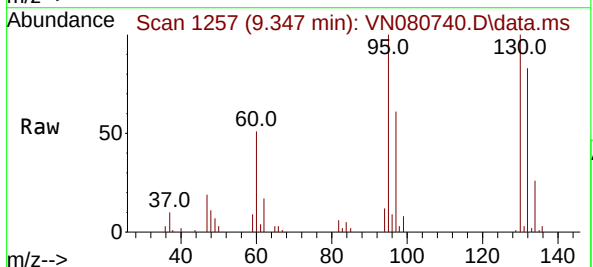
Tgt Ion: 43 Resp: 114618
Ion Ratio Lower Upper
43 100
61 27.6 24.7 37.1
87 11.3 14.6 21.8

Manual Integrations
APPROVED

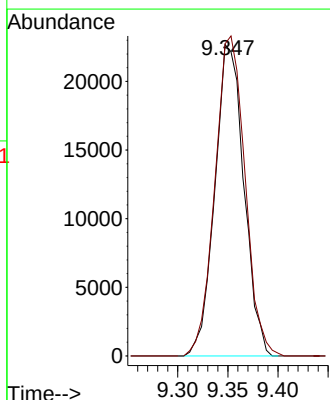
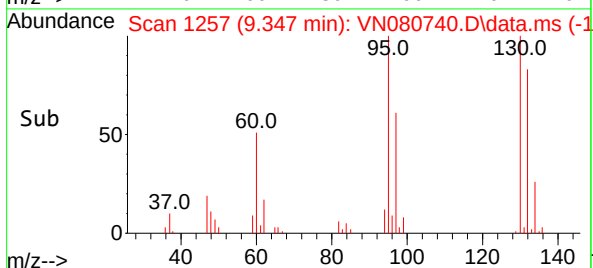
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024

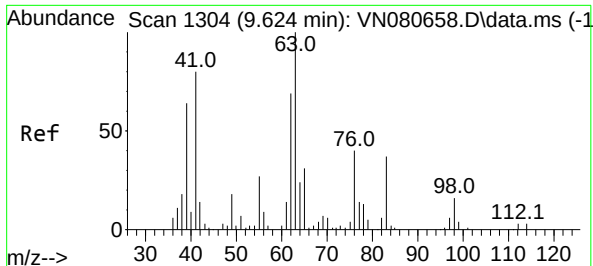


#44
Trichloroethene
Concen: 18.755 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59



Tgt Ion:130 Resp: 45655
Ion Ratio Lower Upper
130 100
95 100.2 0.0 204.6





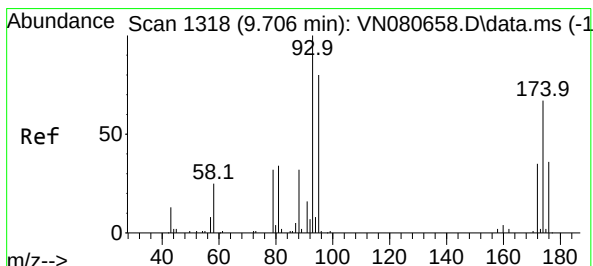
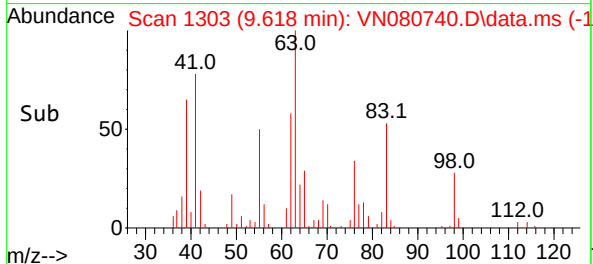
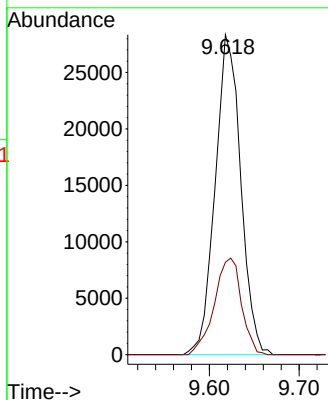
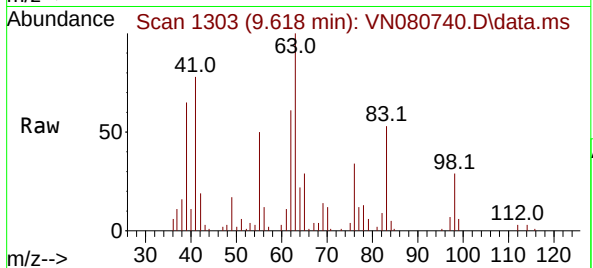
#45
1,2-Dichloropropane
Concen: 19.620 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS03

Tgt Ion: 63 Resp: 5593
Ion Ratio Lower Upper
63 100
65 28.8 23.9 35.9

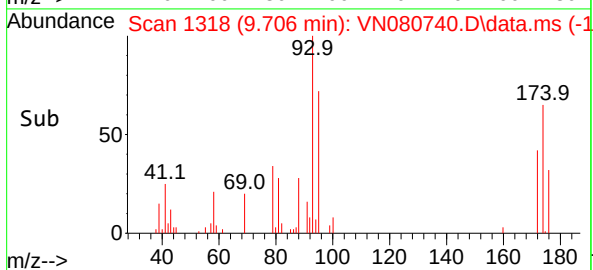
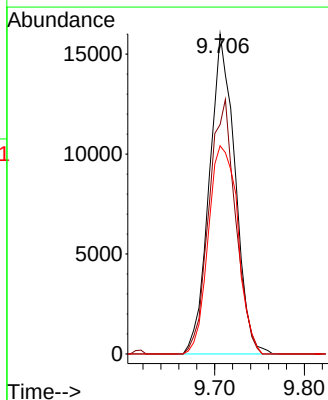
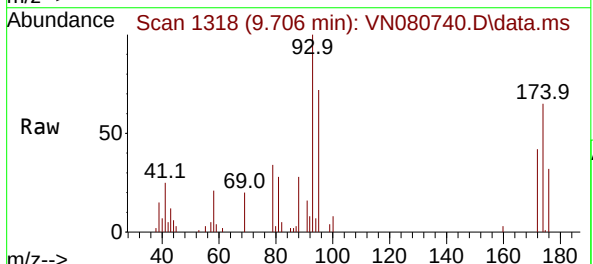
Manual Integrations
APPROVED

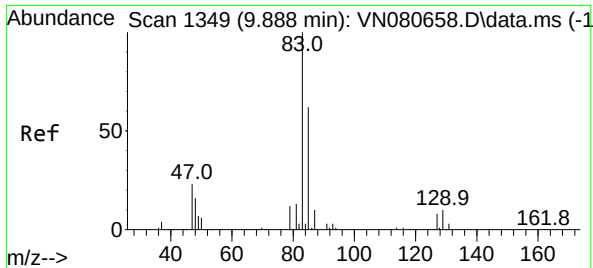
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#46
Dibromomethane
Concen: 17.654 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

Tgt Ion: 93 Resp: 31841
Ion Ratio Lower Upper
93 100
95 82.3 63.8 95.8
174 74.5 65.6 98.4





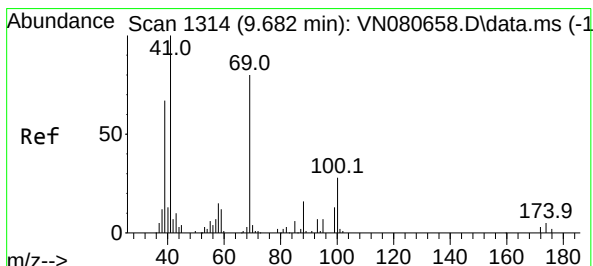
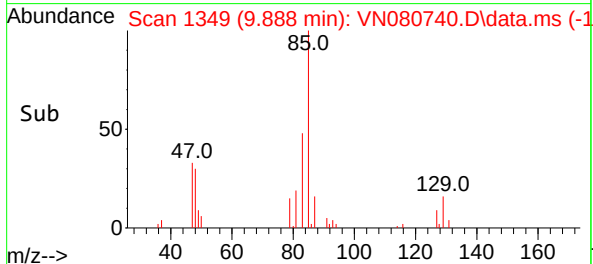
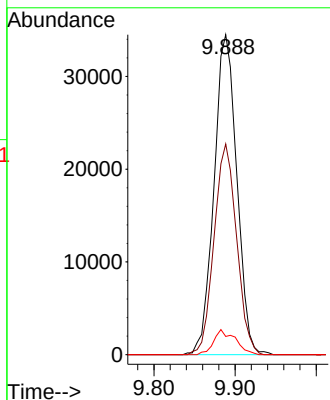
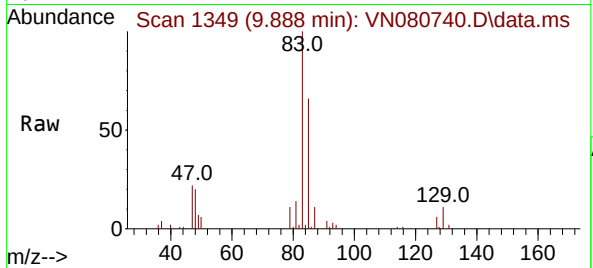
#47
Bromodichloromethane
Concen: 16.806 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS03

Tgt Ion: 83 Resp: 67278
Ion Ratio Lower Upper
83 100
85 65.9 49.6 74.4
127 5.7 7.0 10.6

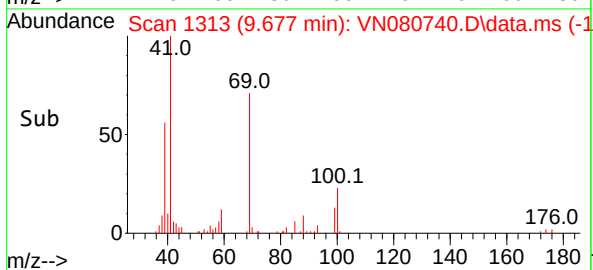
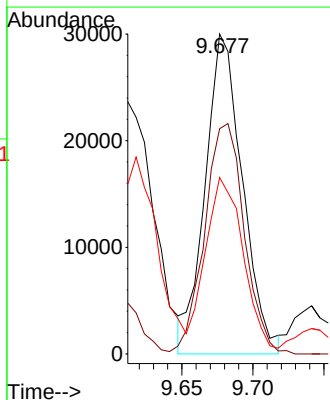
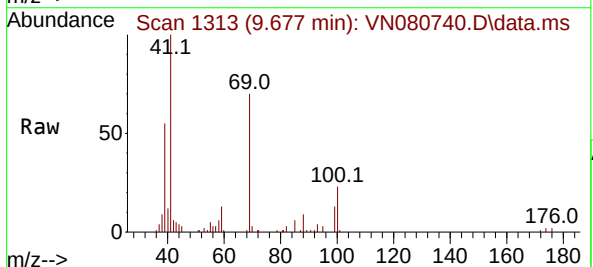
Manual Integrations
APPROVED

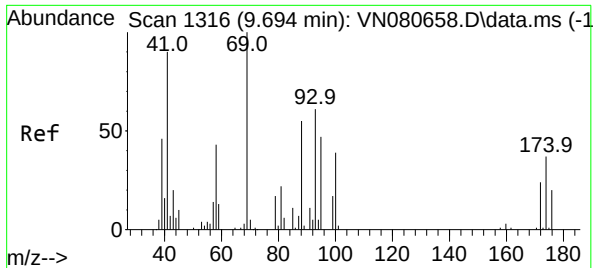
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#48
Methyl methacrylate
Concen: 16.993 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

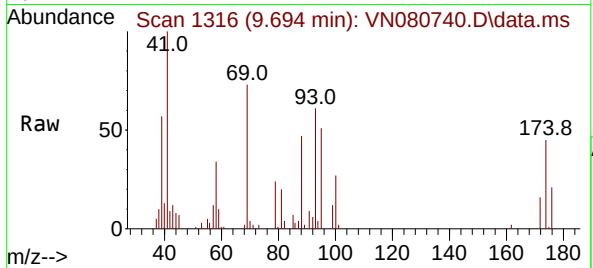
Tgt Ion: 41 Resp: 54853
Ion Ratio Lower Upper
41 100
69 76.5 90.4 135.6#
39 56.4 54.6 81.8





#49
1,4-Dioxane
Concen: 337.471 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

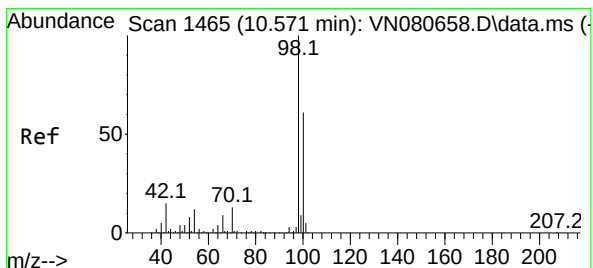
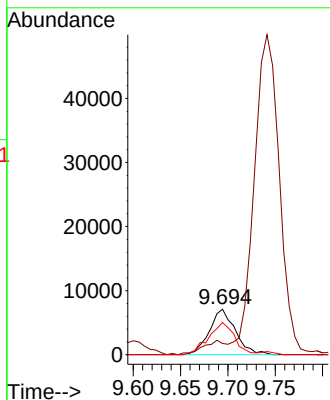
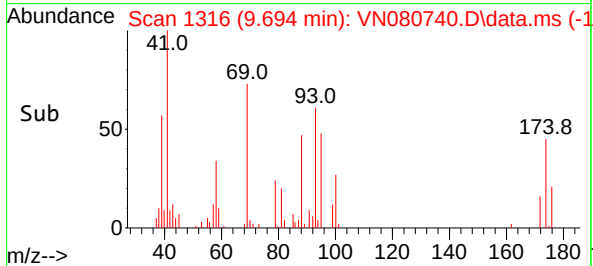
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS03



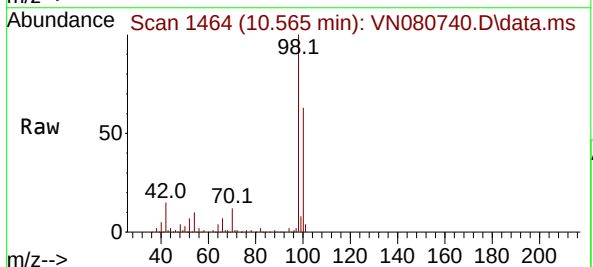
Tgt Ion: 88 Resp: 1357
Ion Ratio Lower Upper
88 100
43 28.2 17.0 25.6
58 71.0 47.0 70.4

Manual Integrations
APPROVED

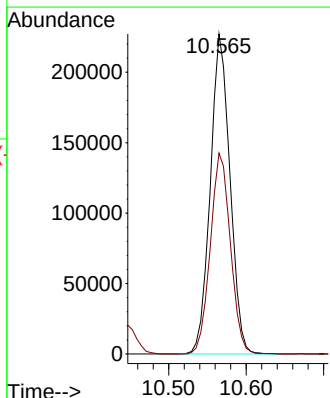
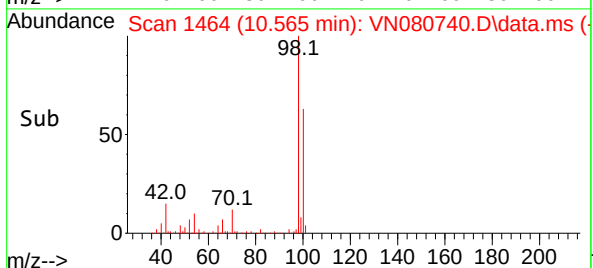
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024

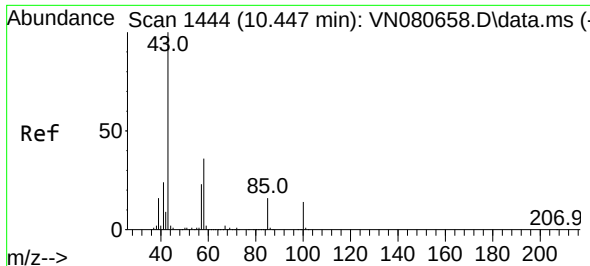


#50
Toluene-d8
Concen: 56.129 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59



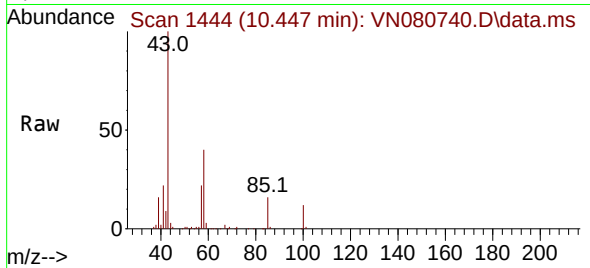
Tgt Ion: 98 Resp: 399639
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 85.624 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

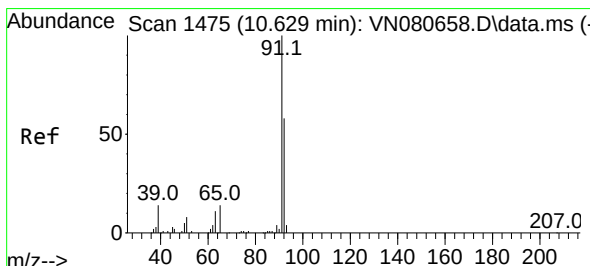
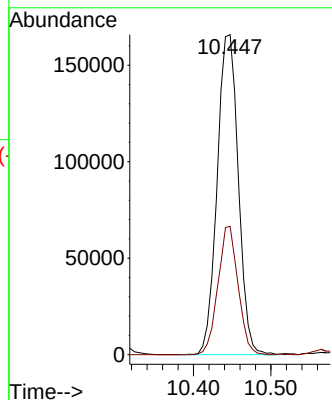
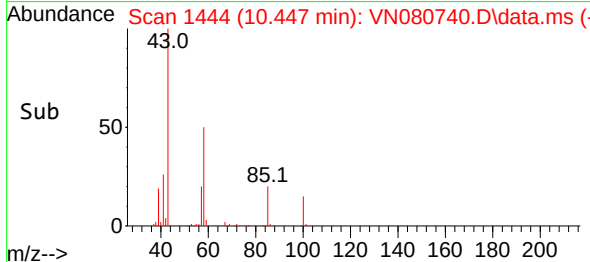
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS03



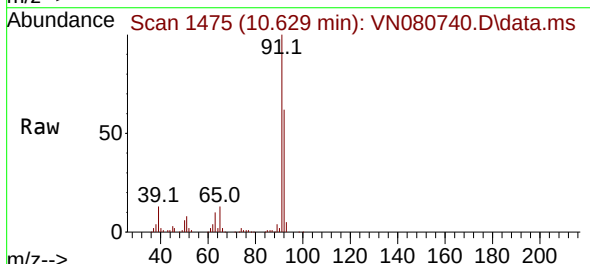
Tgt Ion: 43 Resp: 314938
Ion Ratio Lower Upper
43 100
58 38.2 36.6 54.8

Manual Integrations
APPROVED

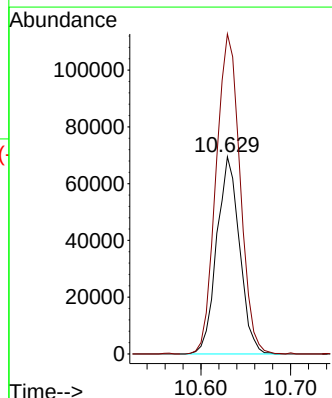
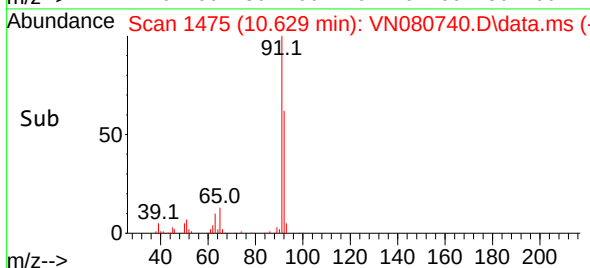
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024

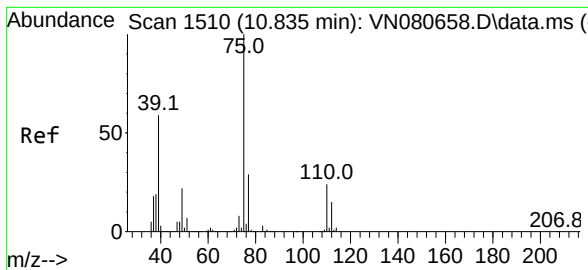


#52
Toluene
Concen: 19.875 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59



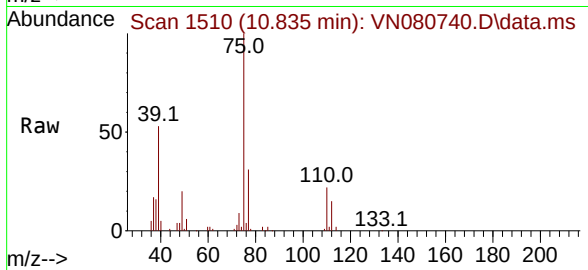
Tgt Ion: 92 Resp: 122449
Ion Ratio Lower Upper
92 100
91 171.2 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 17.894 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

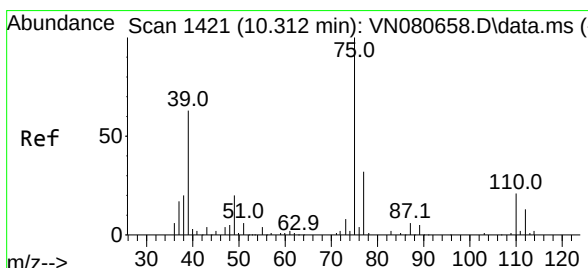
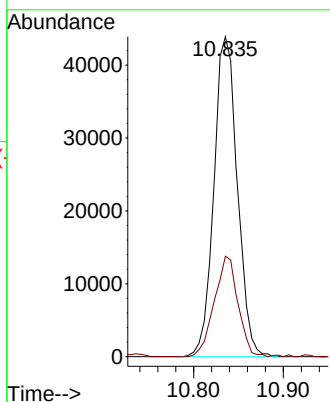
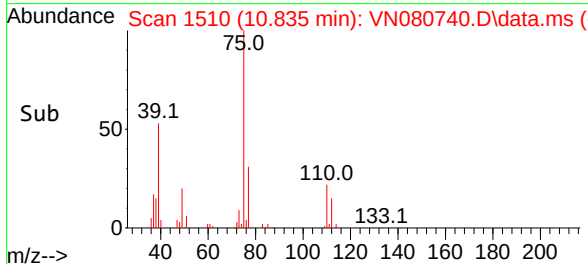
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS03



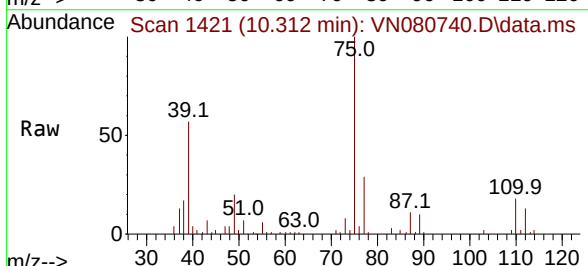
Tgt Ion: 75 Resp: 79510
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0

Manual Integrations
APPROVED

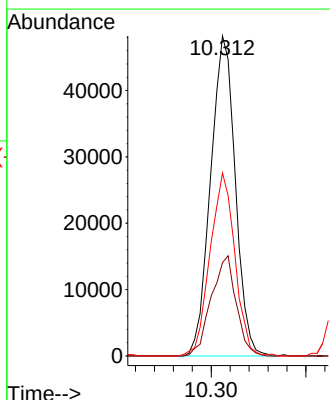
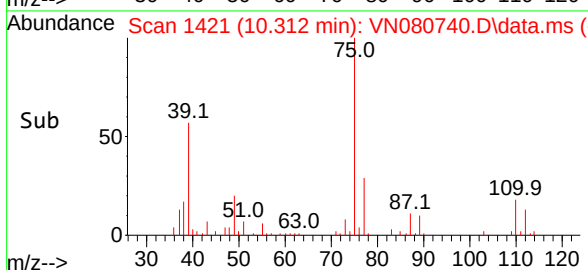
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024

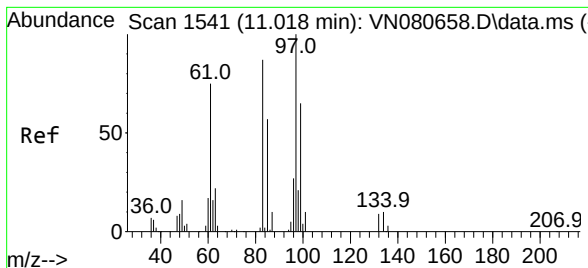


#54
cis-1,3-Dichloropropene
Concen: 18.529 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59



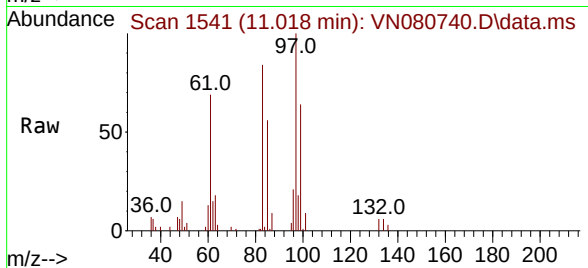
Tgt Ion: 75 Resp: 87310
Ion Ratio Lower Upper
75 100
77 29.2 26.1 39.1
39 57.2 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 18.368 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

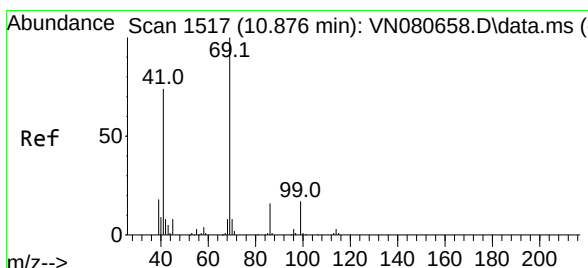
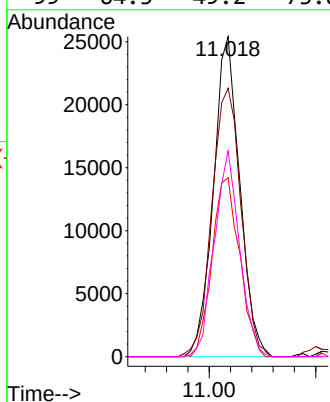
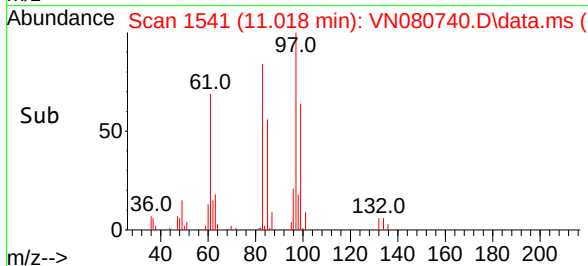
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS03



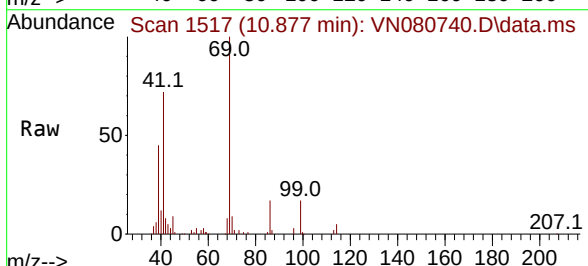
Tgt Ion:	97	Resp:	4355
Ion	Ratio	Lower	Upper
97	100		
83	83.9	65.1	97.7
85	55.9	43.4	65.2
99	64.3	49.2	73.8

Manual Integrations
APPROVED

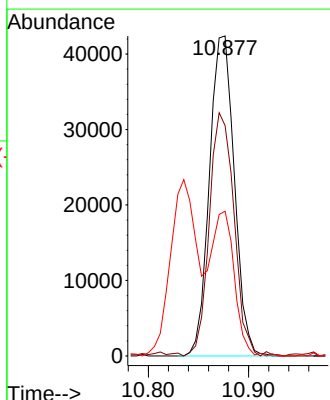
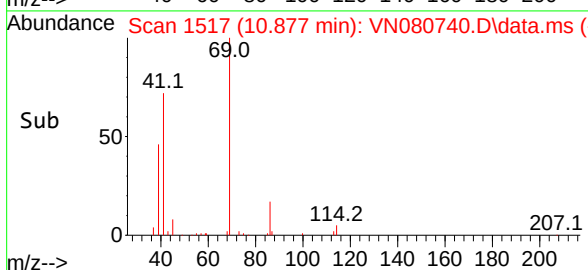
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024

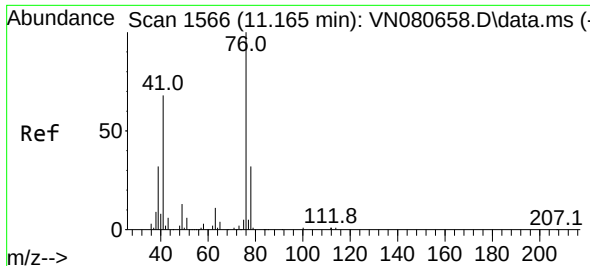


#56
Ethyl methacrylate
Concen: 17.189 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59



Tgt Ion:	69	Resp:	73008
Ion	Ratio	Lower	Upper
69	100		
41	75.1	39.6	59.4#
39	38.7	28.6	43.0





#57

1,3-Dichloropropane

Concen: 18.959 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.006 min

Lab File: VN080740.D

Acq: 22 Jan 2024 16:59

Instrument :

MSVOA_N

ClientSampleId :

VN0122WBS03

Tgt Ion: 76 Resp: 82070

Ion Ratio Lower Upper

76 100

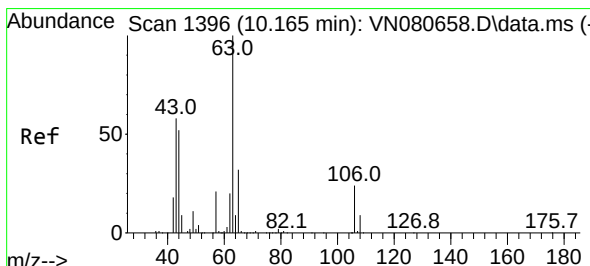
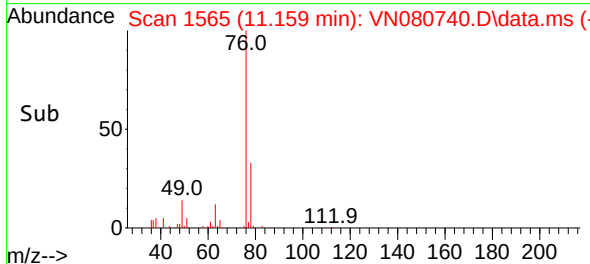
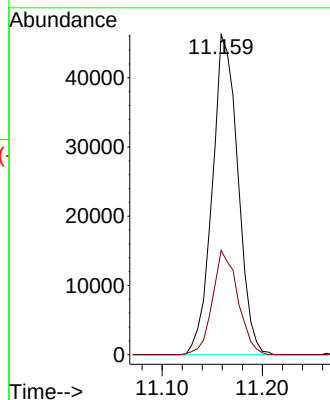
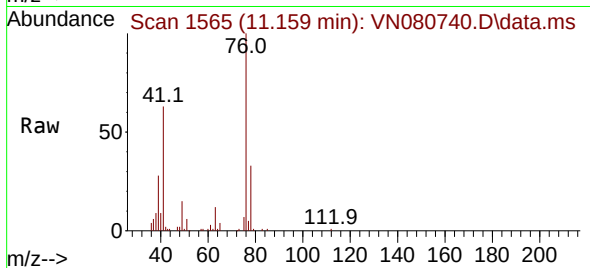
78 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2024

Supervised By :Mahesh Dadoda 01/23/2024



#58

2-Chloroethyl Vinyl ether

Concen: 74.011 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN080740.D

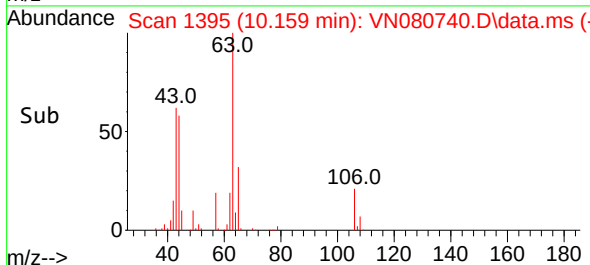
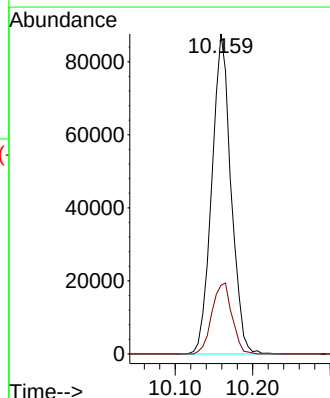
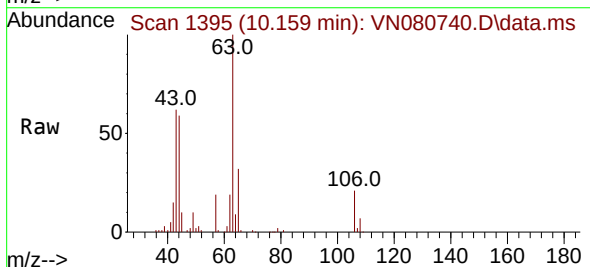
Acq: 22 Jan 2024 16:59

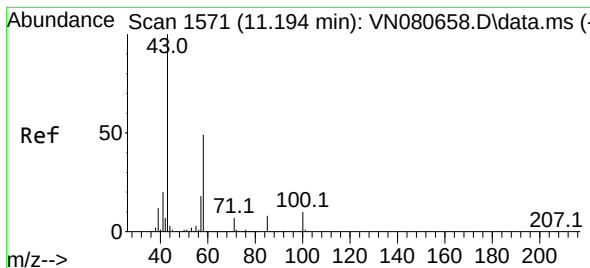
Tgt Ion: 63 Resp: 150564

Ion Ratio Lower Upper

63 100

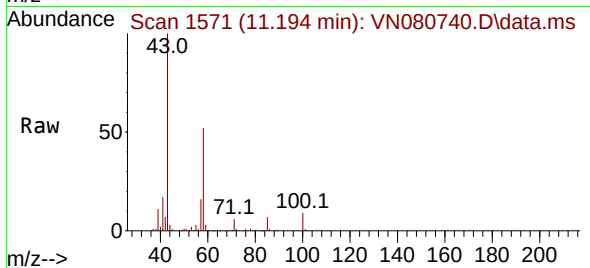
106 23.1 26.2 39.4#





#59
2-Hexanone
Concen: 85.057 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

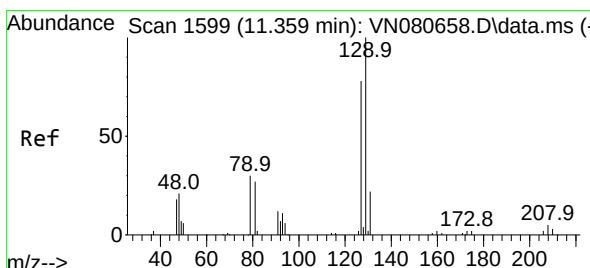
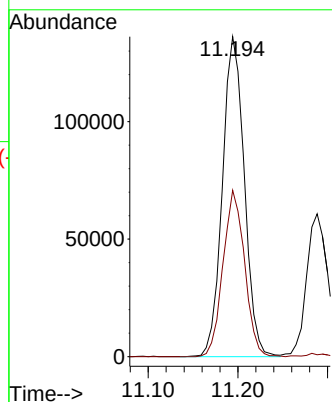
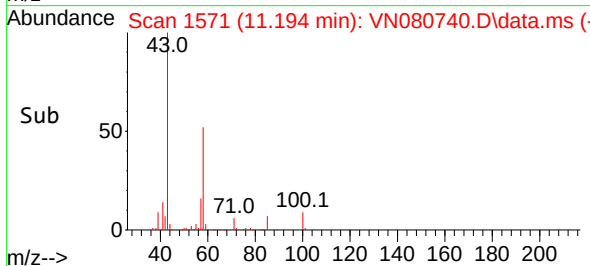
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS03



Tgt Ion: 43 Resp: 230950
Ion Ratio Lower Upper
43 100
58 51.2 31.7 95.1

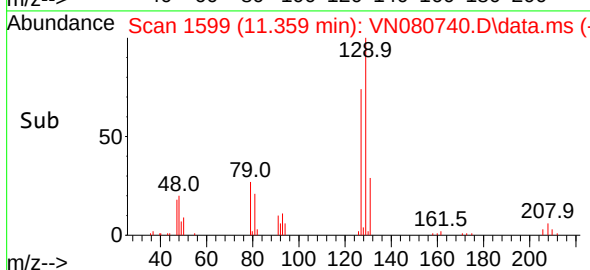
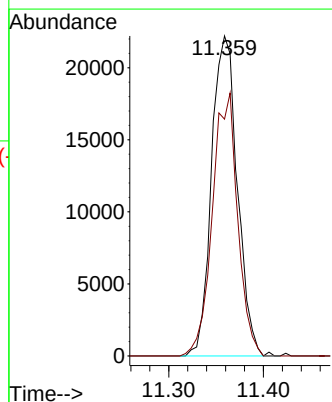
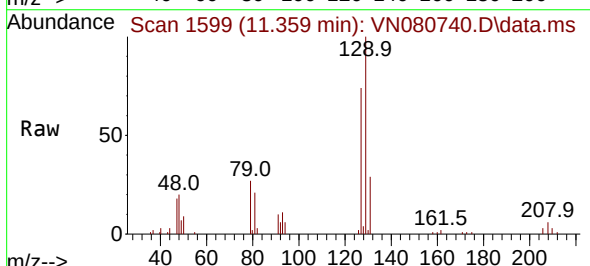
Manual Integrations
APPROVED

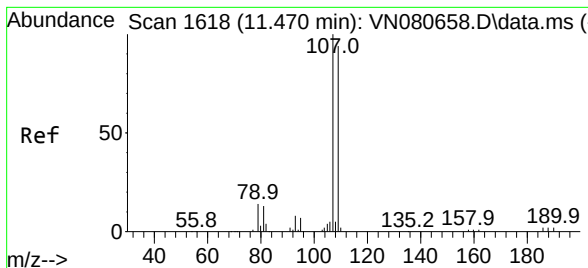
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#60
Dibromochloromethane
Concen: 17.227 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

Tgt Ion:129 Resp: 41984
Ion Ratio Lower Upper
129 100
127 80.5 38.6 116.0





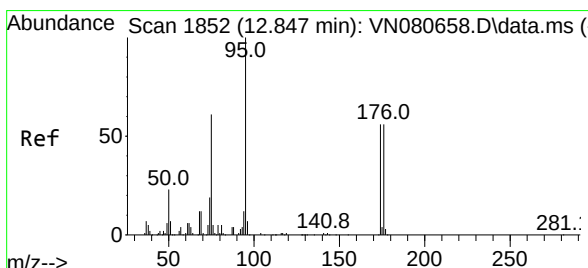
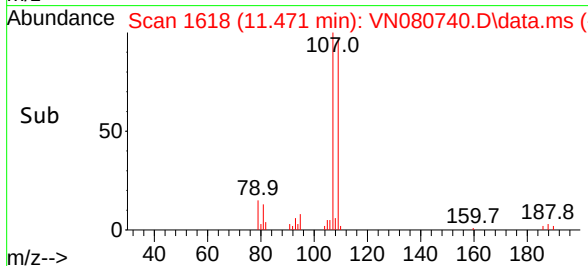
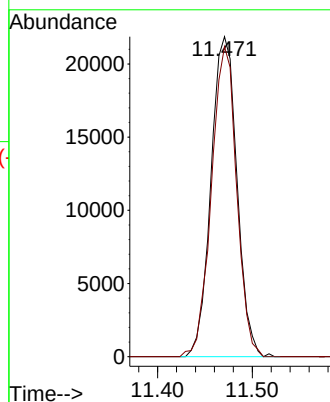
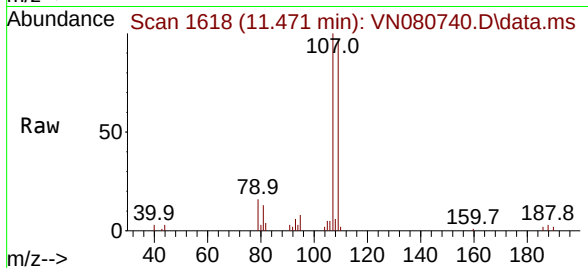
#61
1,2-Dibromoethane
Concen: 17.834 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS03

Tgt Ion:107 Resp: 4157
Ion Ratio Lower Upper
107 100
109 94.2 76.6 114.8

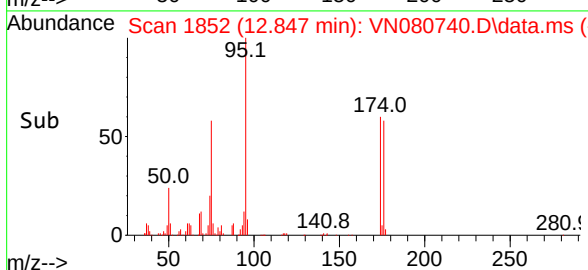
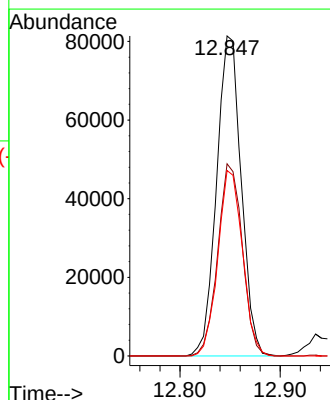
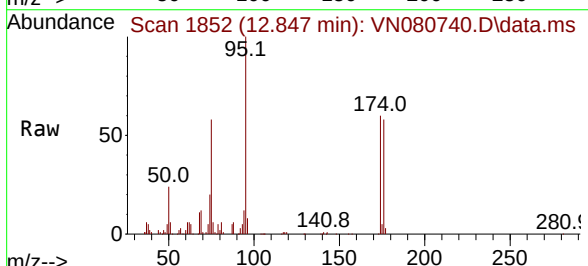
Manual Integrations
APPROVED

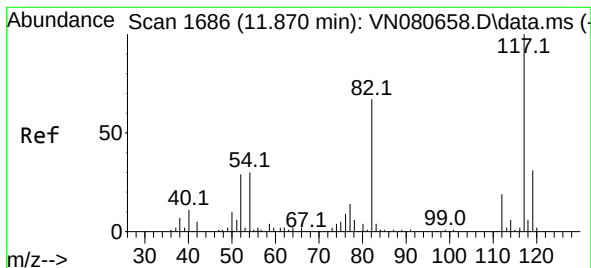
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#62
4-Bromofluorobenzene
Concen: 50.835 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

Tgt Ion: 95 Resp: 138800
Ion Ratio Lower Upper
95 100
174 59.9 0.0 143.8
176 57.9 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN080740.D

Acq: 22 Jan 2024 16:59

Instrument :

MSVOA_N

ClientSampleId :

VN0122WBS03

Tgt Ion:117 Resp: 276109

Ion Ratio Lower Upper

117 100

82 66.8 44.0 66.0

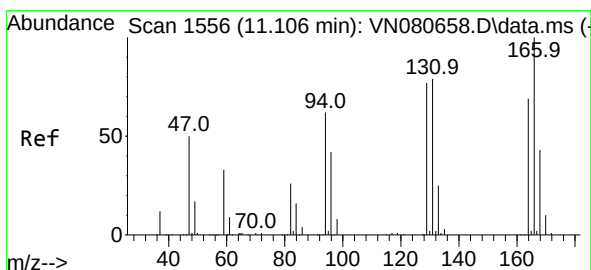
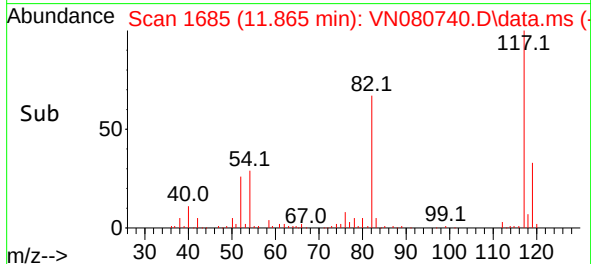
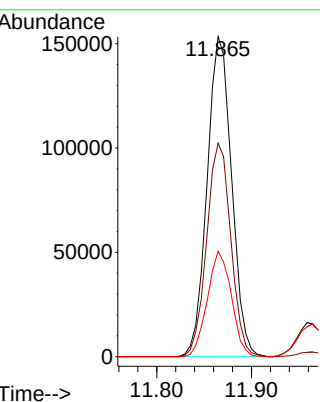
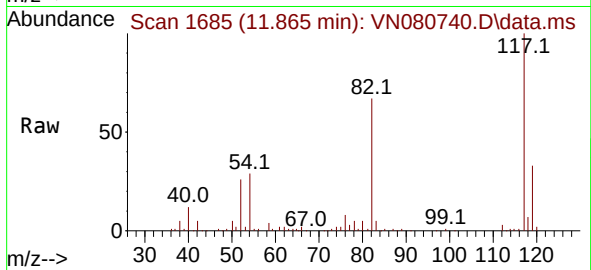
119 32.9 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2024

Supervised By :Mahesh Dadoda 01/23/2024



#64

Tetrachloroethene

Concen: 18.056 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.006 min

Lab File: VN080740.D

Acq: 22 Jan 2024 16:59

Tgt Ion:164 Resp: 34237

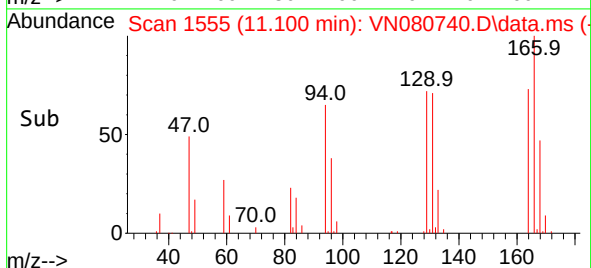
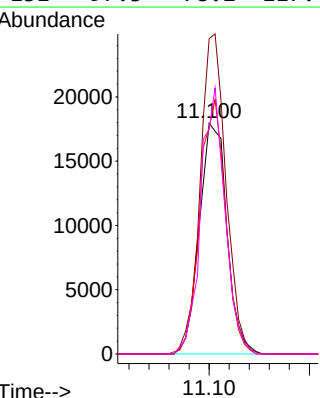
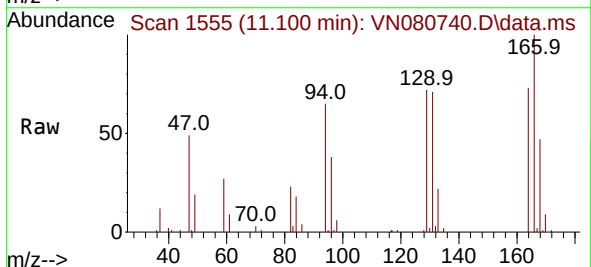
Ion Ratio Lower Upper

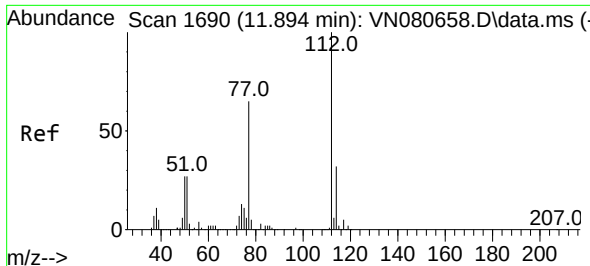
164 100

166 136.7 101.4 152.0

129 98.2 82.4 123.6

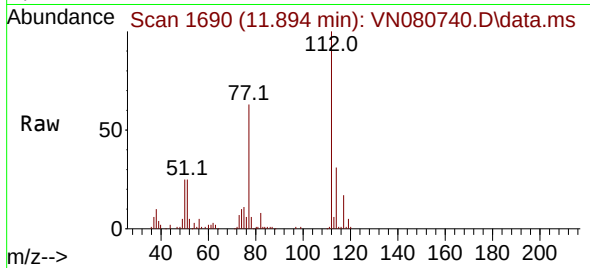
131 97.3 78.2 117.4





#65
Chlorobenzene
Concen: 19.286 ug/l
RT: 11.894 min Scan# 11634
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

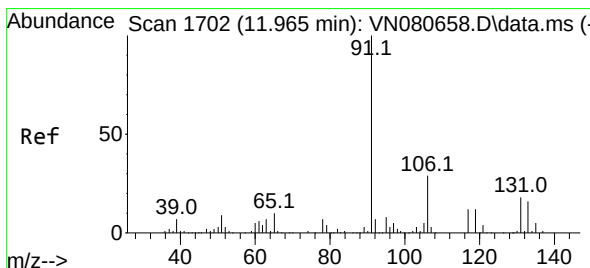
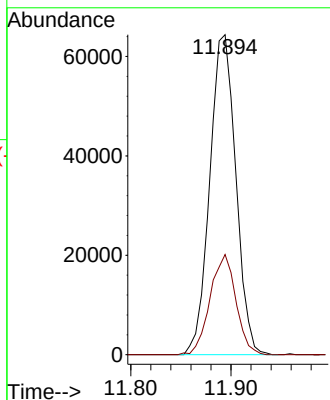
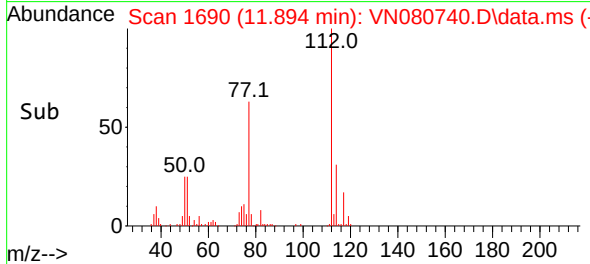
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS03



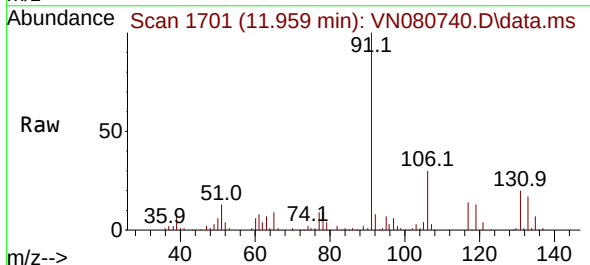
Tgt Ion:112 Resp: 11634
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.4

Manual Integrations
APPROVED

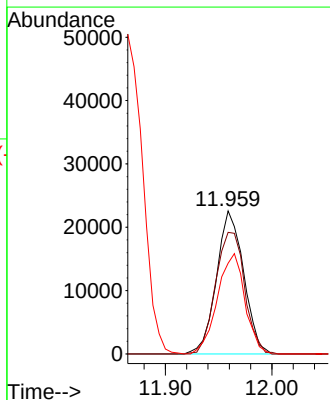
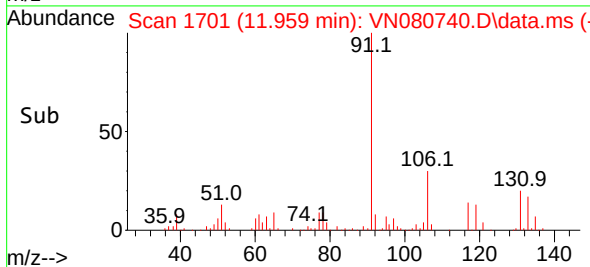
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024

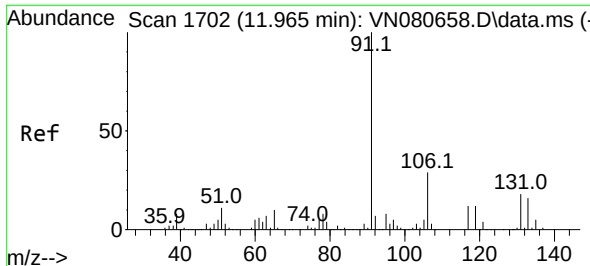


#66
1,1,1,2-Tetrachloroethane
Concen: 18.680 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59



Tgt Ion:131 Resp: 40008
Ion Ratio Lower Upper
131 100
133 90.9 46.4 139.1
119 71.0 34.1 102.2





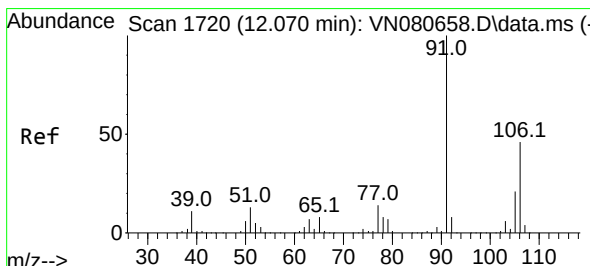
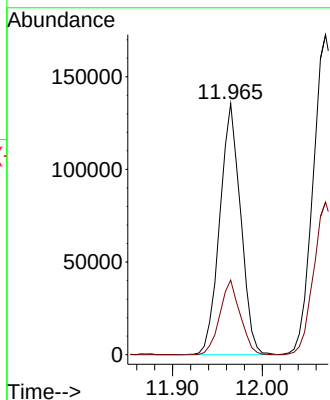
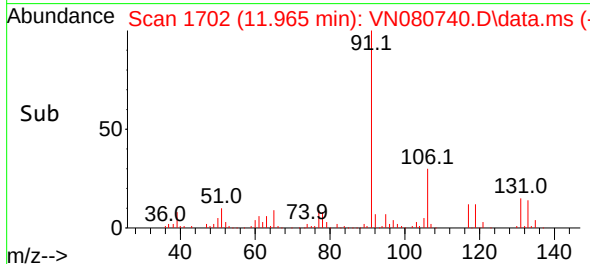
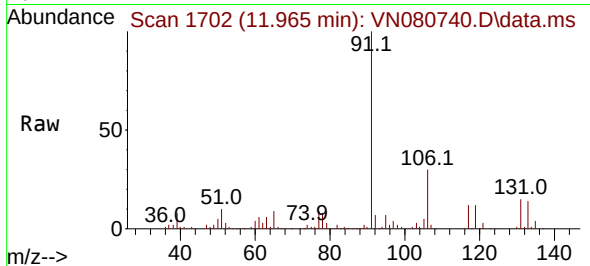
#67
Ethyl Benzene
Concen: 19.032 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS03

Tgt Ion: 91 Resp: 21922
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4

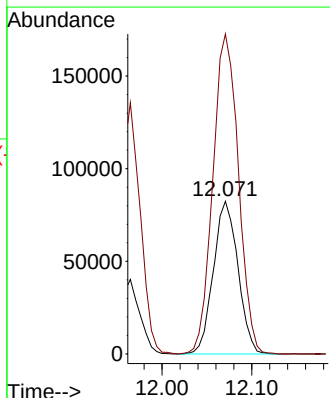
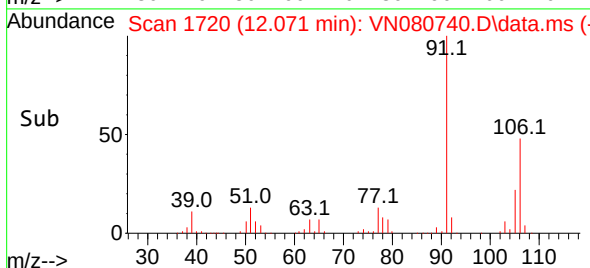
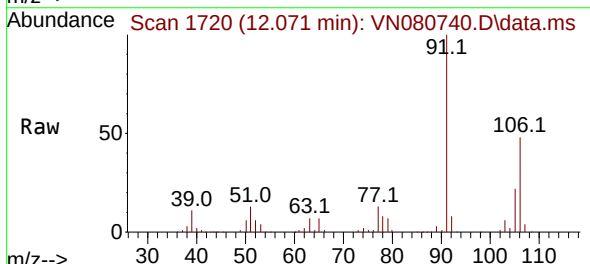
Manual Integrations
APPROVED

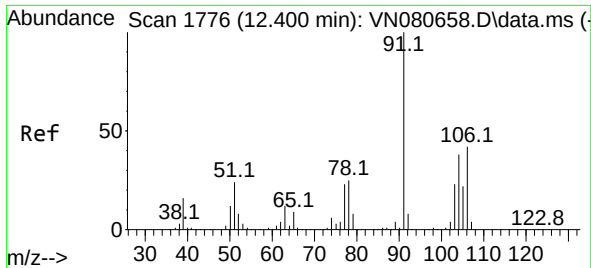
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#68
m/p-Xylenes
Concen: 38.702 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

Tgt Ion:106 Resp: 156731
Ion Ratio Lower Upper
106 100
91 218.2 159.6 239.4





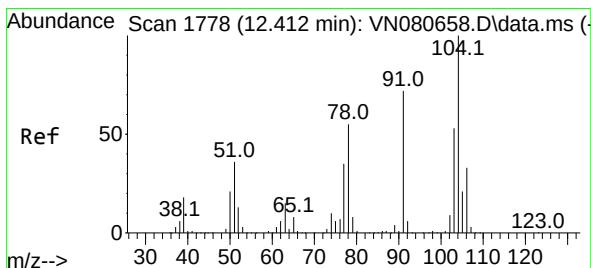
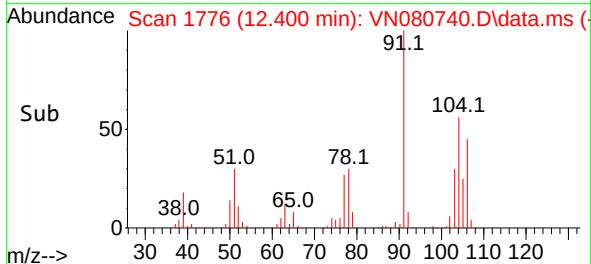
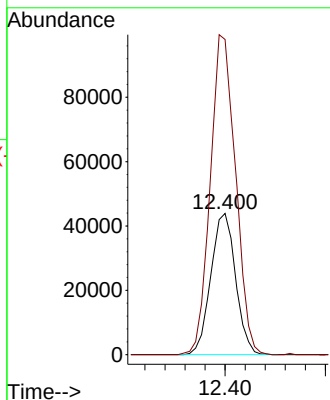
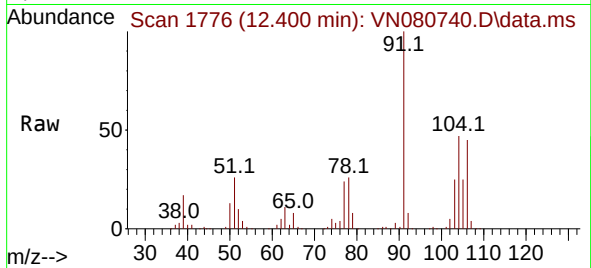
#69
o-Xylene
Concen: 19.002 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS03

Tgt Ion:106 Resp: 75240
Ion Ratio Lower Upper
106 100
91 231.1 105.2 315.5

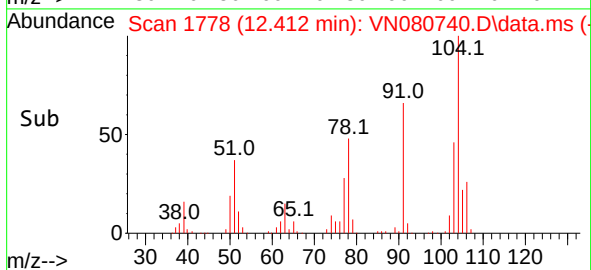
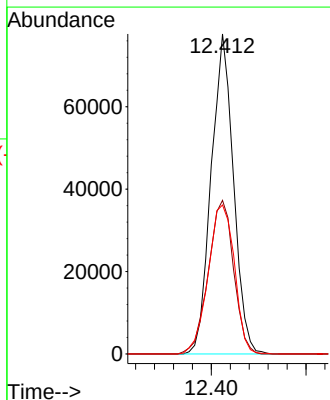
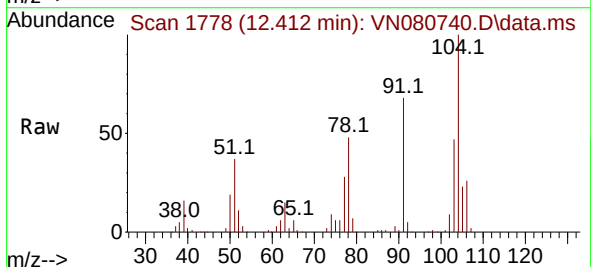
Manual Integrations
APPROVED

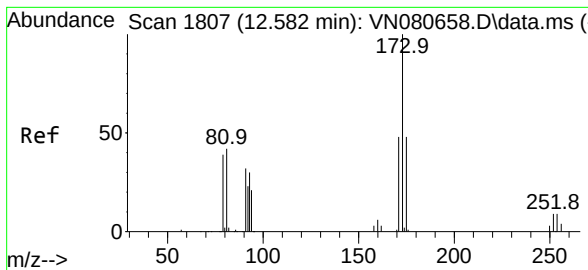
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#70
Styrene
Concen: 18.899 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

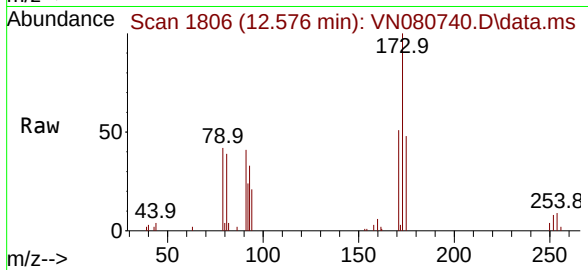
Tgt Ion:104 Resp: 127073
Ion Ratio Lower Upper
104 100
78 54.5 39.5 59.3
103 54.9 43.2 64.8





#71
Bromoform
Concen: 16.173 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

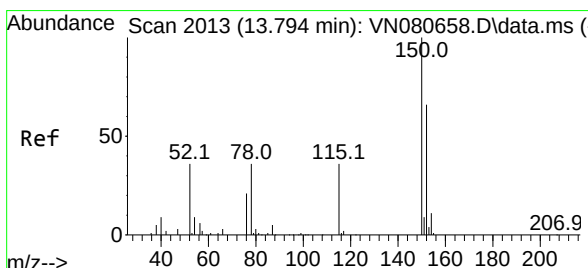
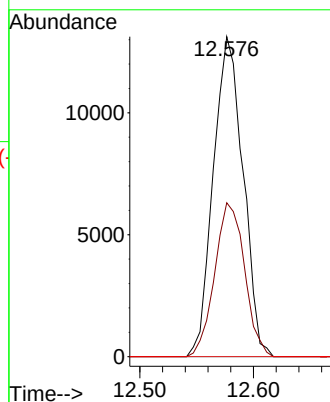
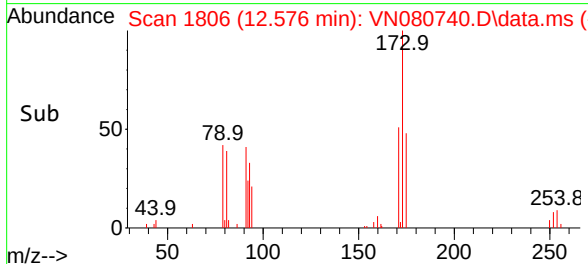
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS03



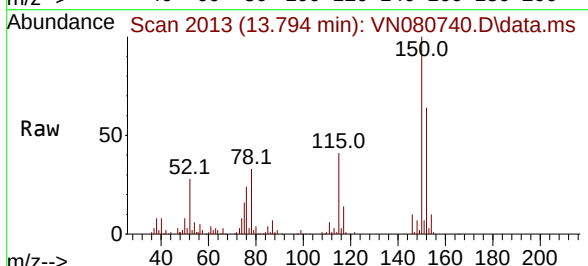
Tgt Ion:173 Resp: 2383
Ion Ratio Lower Upper
173 100
175 48.4 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

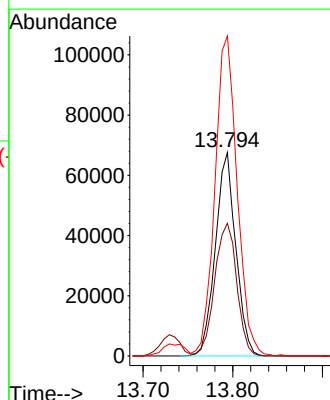
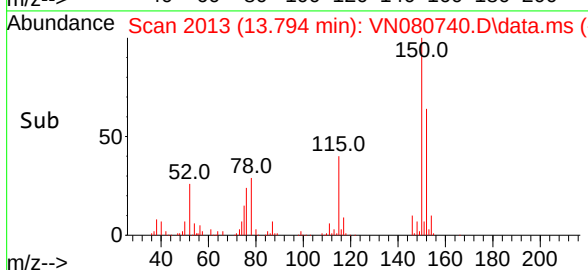
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024

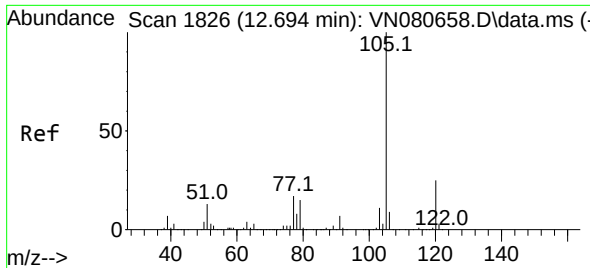


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59



Tgt Ion:152 Resp: 106841
Ion Ratio Lower Upper
152 100
115 70.4 32.3 96.8
150 170.6 0.0 355.8





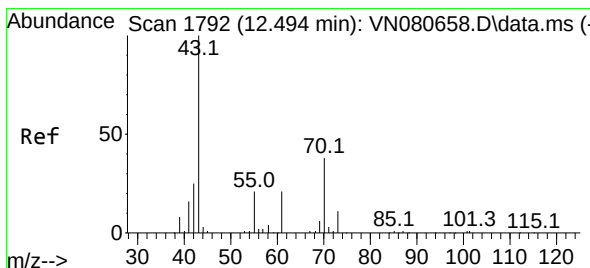
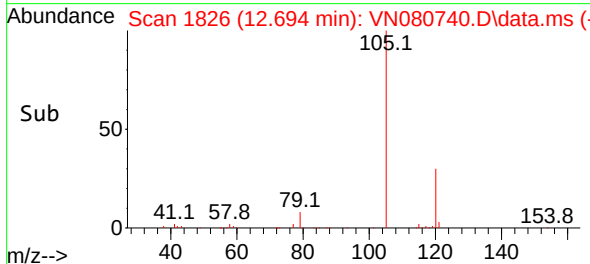
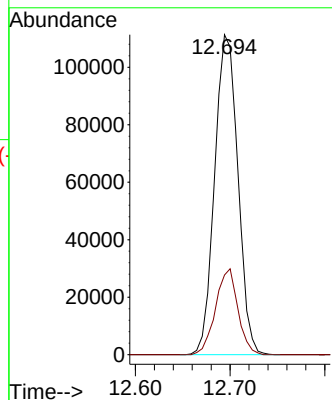
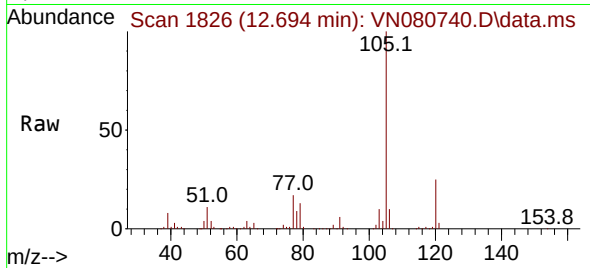
#73
Isopropylbenzene
Concen: 18.686 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS03

Tgt Ion:105 Resp: 18984
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.1

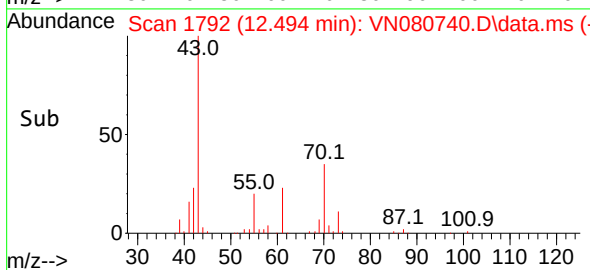
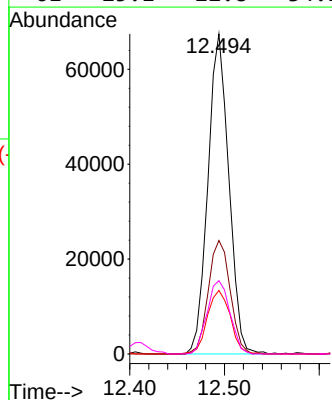
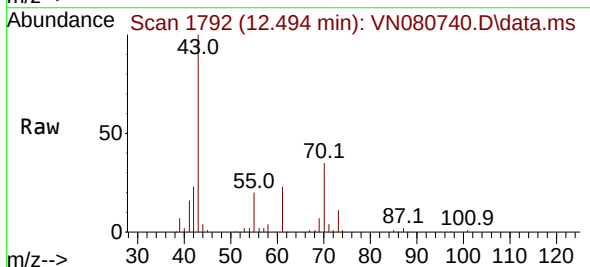
Manual Integrations
APPROVED

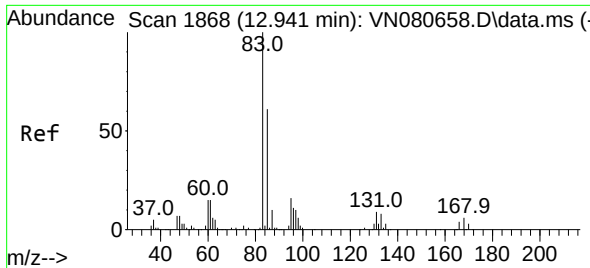
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#74
N-ethyl acetate
Concen: 16.989 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

Tgt Ion: 43 Resp: 103583
Ion Ratio Lower Upper
43 100
70 37.2 43.4 65.2#
55 21.7 21.4 32.0
61 25.1 22.8 34.2





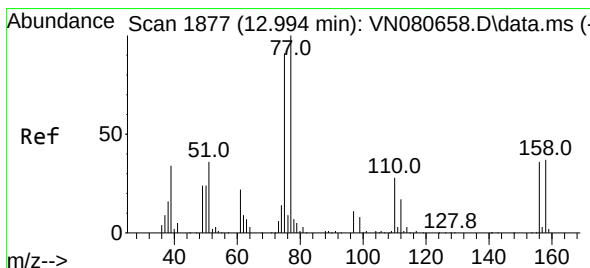
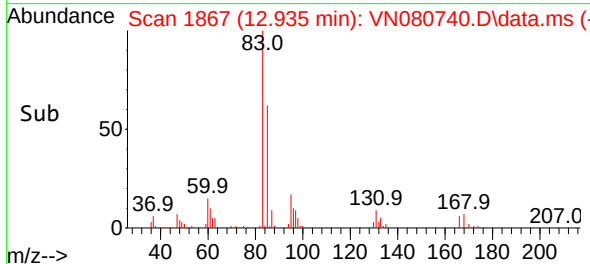
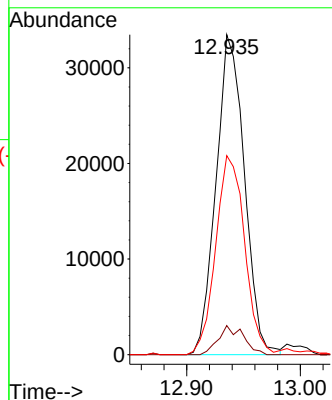
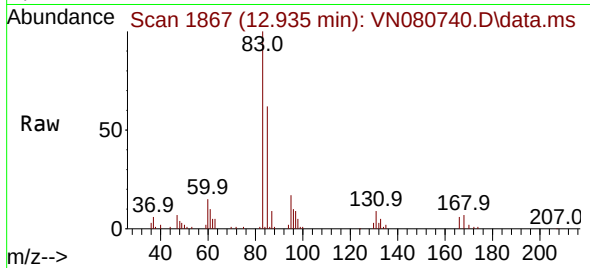
#75
1,1,2,2-Tetrachloroethane
Concen: 17.439 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS03

Tgt Ion: 83 Resp: 58118
Ion Ratio Lower Upper
83 100
131 8.1 5.0 15.0
85 63.4 31.9 95.7

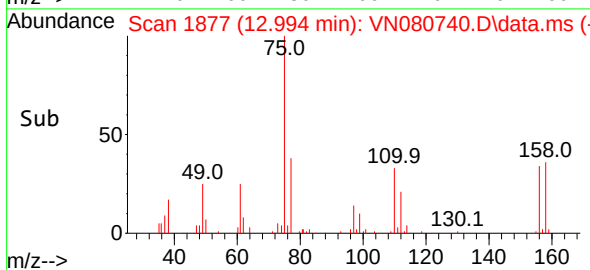
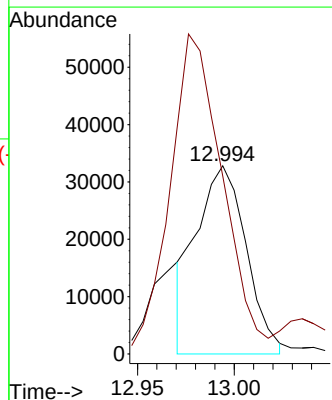
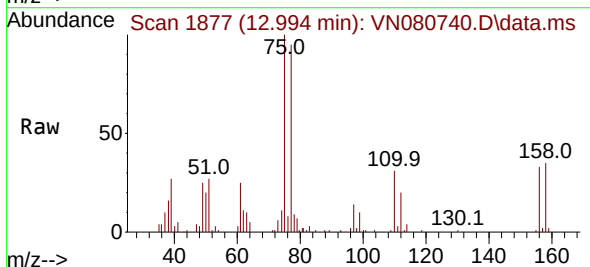
Manual Integrations
APPROVED

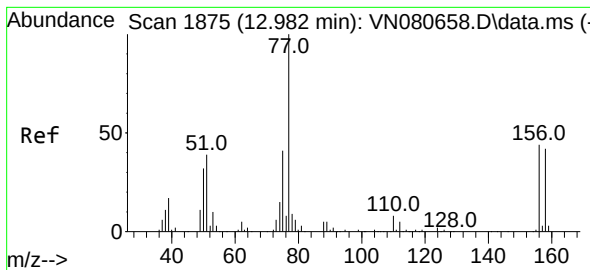
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#76
1,2,3-Trichloropropane
Concen: 17.903 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

Tgt Ion: 75 Resp: 58982
Ion Ratio Lower Upper
75 100
77 178.8 84.5 253.5





#77

Bromobenzene

Concen: 17.584 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VN080740.D

Acq: 22 Jan 2024 16:59

Instrument :

MSVOA_N

ClientSampleId :

VN0122WBS03

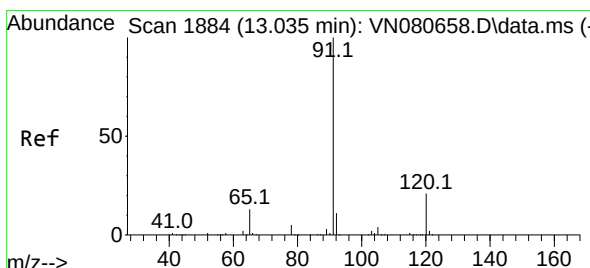
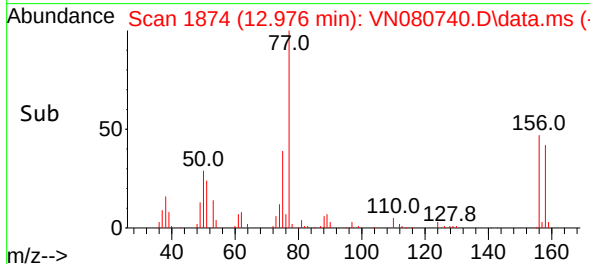
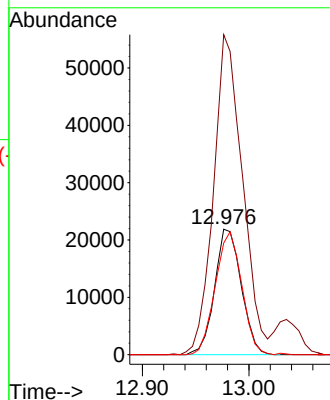
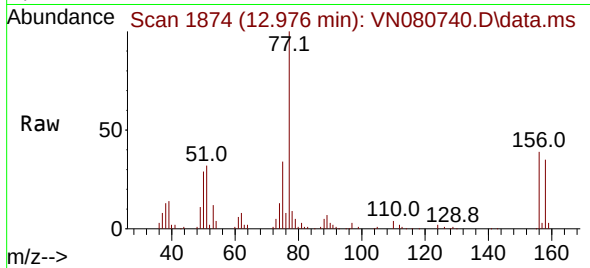
Tgt Ion:156 Resp: 37945
 Ion Ratio Lower Upper
 156 100
 77 278.0 107.7 323.3
 158 97.5 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2024

Supervised By :Mahesh Dadoda 01/23/2024



#78

n-propylbenzene

Concen: 18.841 ug/l

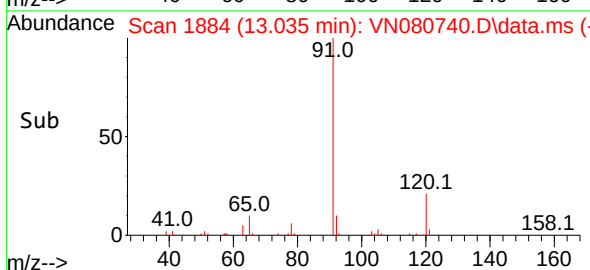
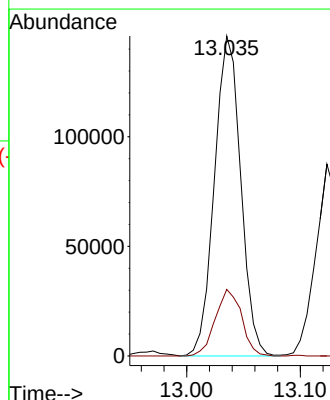
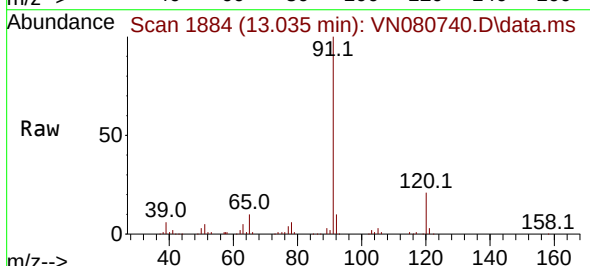
RT: 13.035 min Scan# 1884

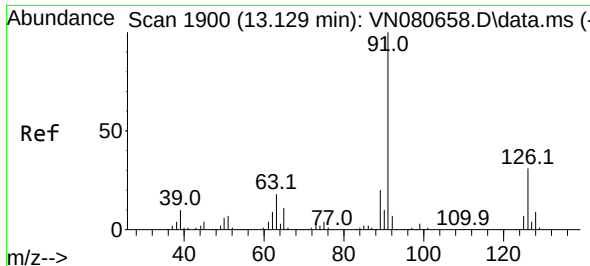
Delta R.T. 0.000 min

Lab File: VN080740.D

Acq: 22 Jan 2024 16:59

Tgt Ion: 91 Resp: 234825
 Ion Ratio Lower Upper
 91 100
 120 20.7 11.5 34.4





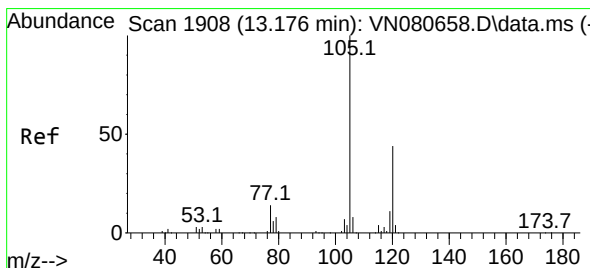
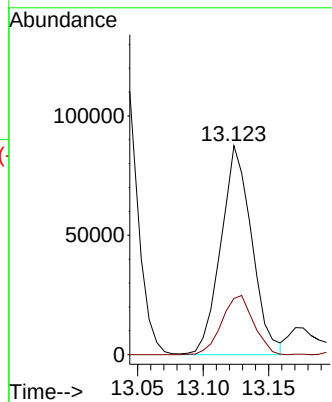
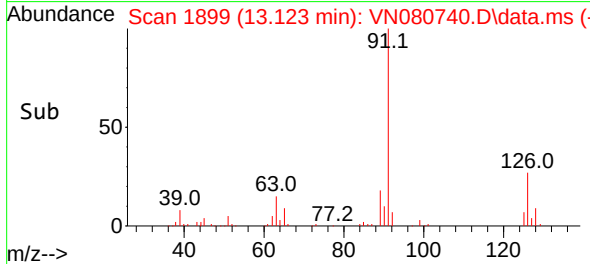
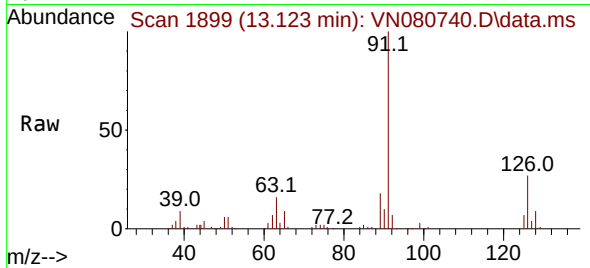
#79
2-Chlorotoluene
Concen: 17.978 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS03

Tgt Ion: 91 Resp: 143597
Ion Ratio Lower Upper
91 100
126 29.1 16.3 48.8

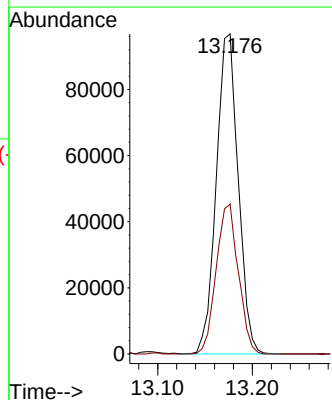
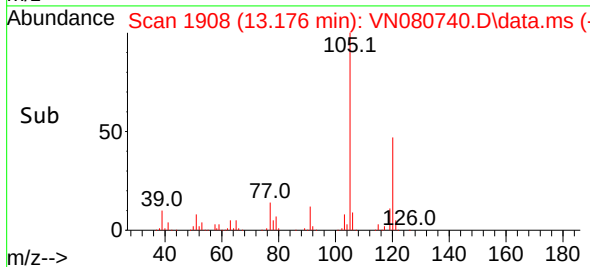
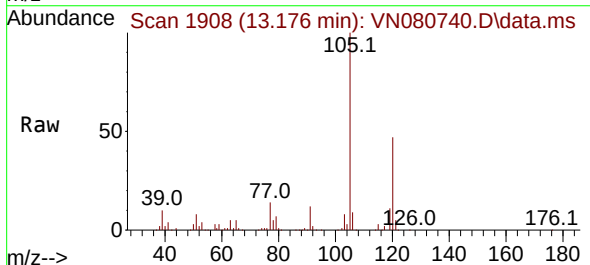
Manual Integrations
APPROVED

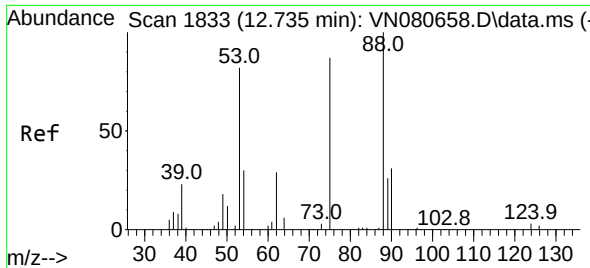
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#80
1,3,5-Trimethylbenzene
Concen: 18.391 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

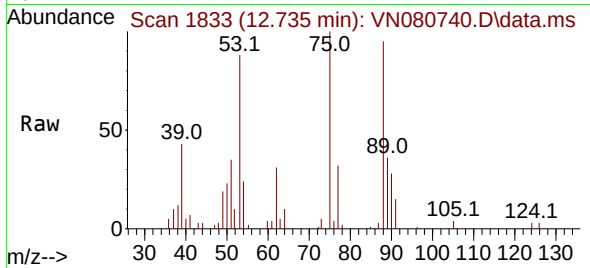
Tgt Ion:105 Resp: 155720
Ion Ratio Lower Upper
105 100
120 47.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 16.073 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

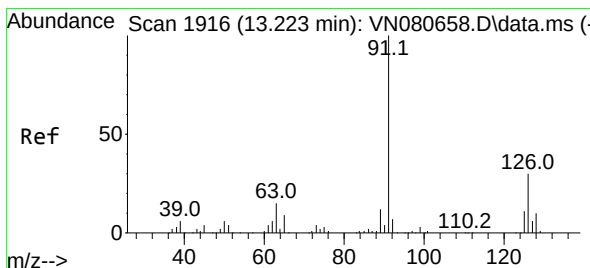
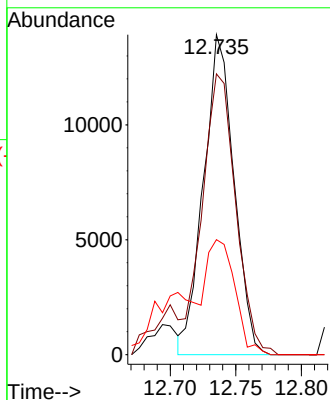
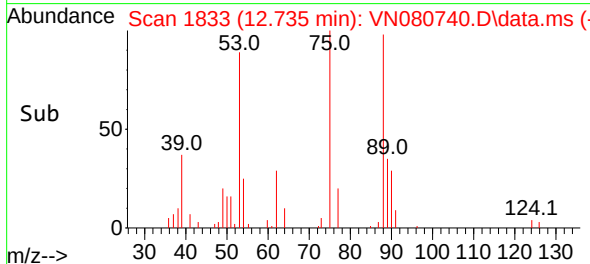
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS03



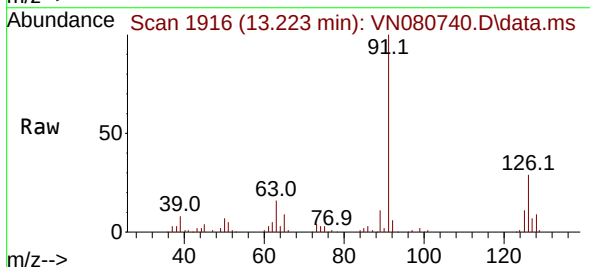
Tgt Ion: 75 Resp: 22462
Ion Ratio Lower Upper
75 100
53 109.8 67.4 101.2
89 32.6 38.8 58.2

Manual Integrations
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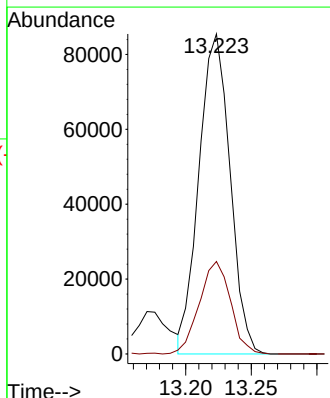
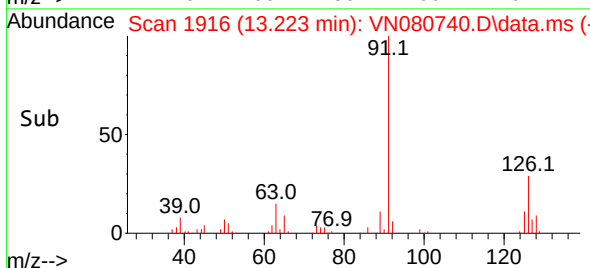
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024

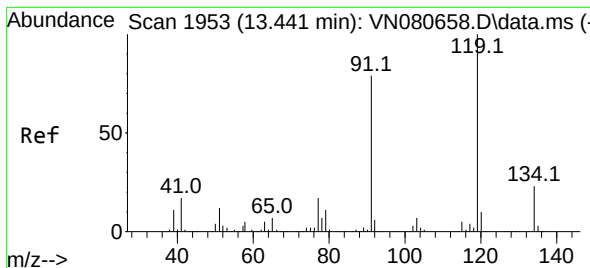


#82
4-Chlorotoluene
Concen: 18.007 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59



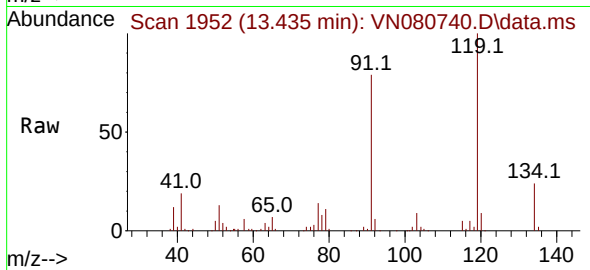
Tgt Ion: 91 Resp: 141000
Ion Ratio Lower Upper
91 100
126 29.1 16.7 50.0





#83
tert-Butylbenzene
Concen: 18.416 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.006 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

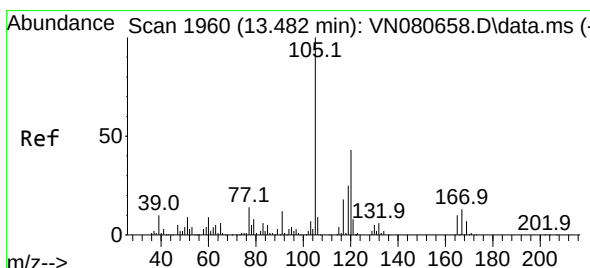
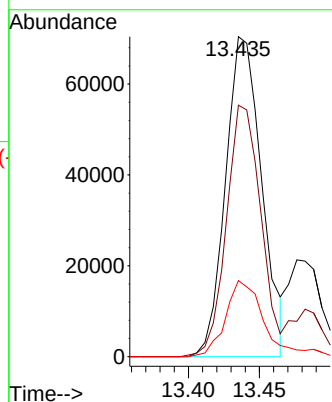
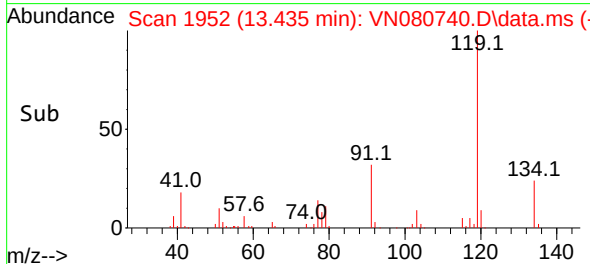
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS03



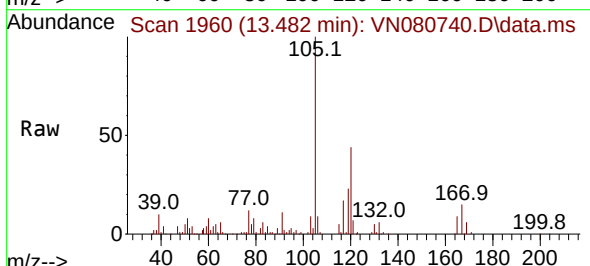
Tgt Ion:119 Resp: 12465
Ion Ratio Lower Upper
119 100
91 74.6 33.9 101.7
134 25.5 13.2 39.6

Manual Integrations
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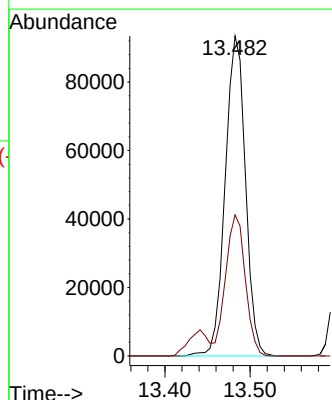
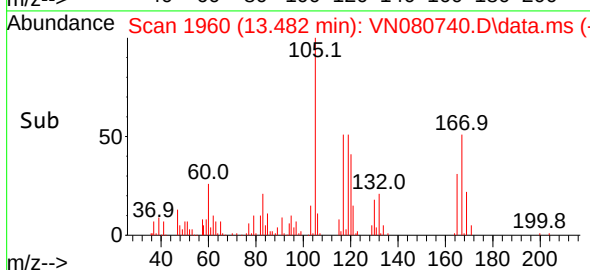
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024

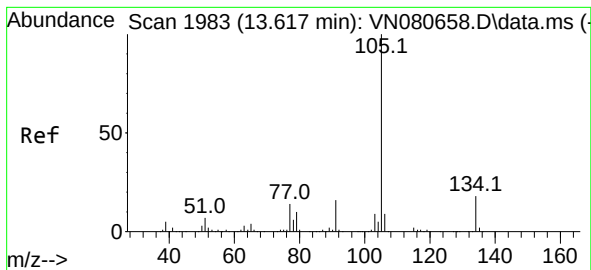


#84
1,2,4-Trimethylbenzene
Concen: 18.512 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59



Tgt Ion:105 Resp: 154125
Ion Ratio Lower Upper
105 100
120 43.3 22.0 66.0





#85

sec-Butylbenzene

Concen: 19.533 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN080740.D

Acq: 22 Jan 2024 16:59

Instrument :

MSVOA_N

ClientSampleId :

VN0122WBS03

Tgt Ion:105 Resp: 187858

Ion Ratio Lower Upper

105 100

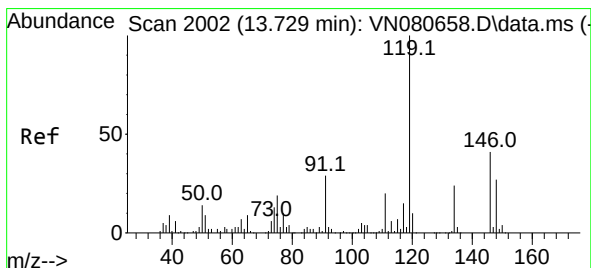
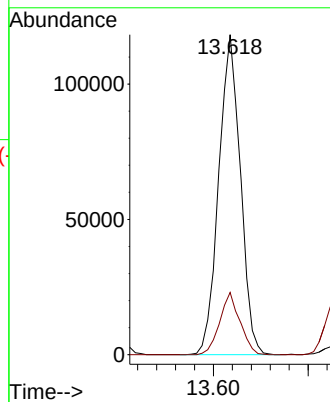
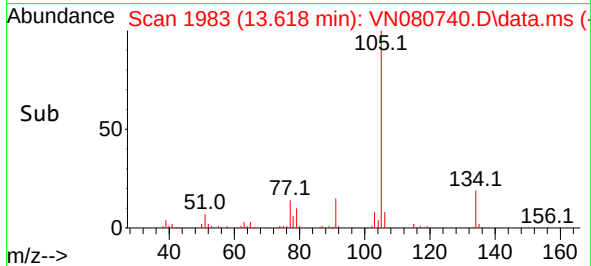
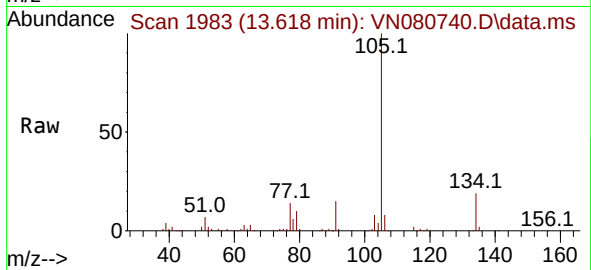
134 18.1 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2024

Supervised By :Mahesh Dadoda 01/23/2024



#86

p-Isopropyltoluene

Concen: 18.560 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN080740.D

Acq: 22 Jan 2024 16:59

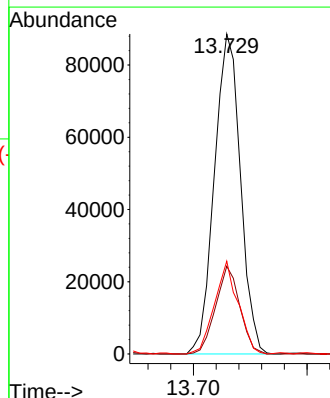
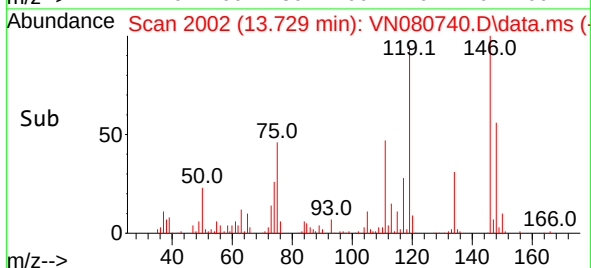
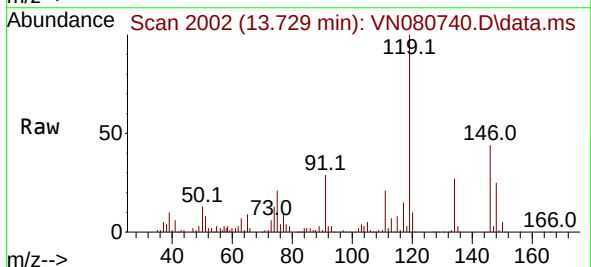
Tgt Ion:119 Resp: 140979

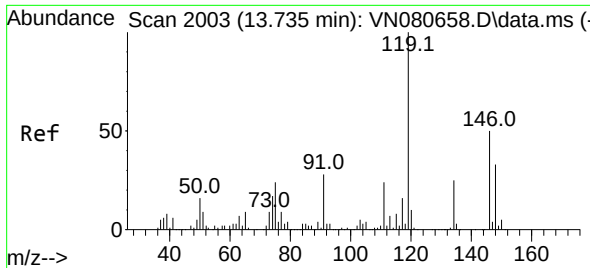
Ion Ratio Lower Upper

119 100

134 25.4 12.6 37.8

91 26.3 12.4 37.2





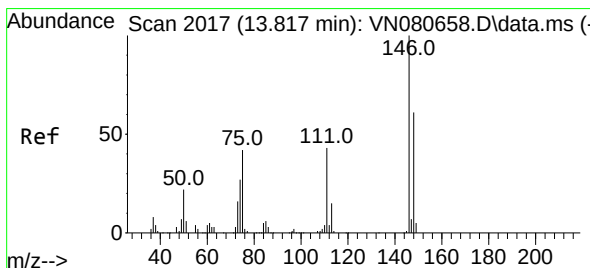
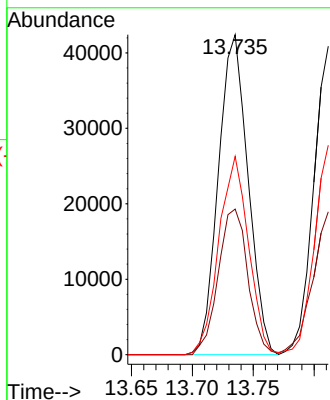
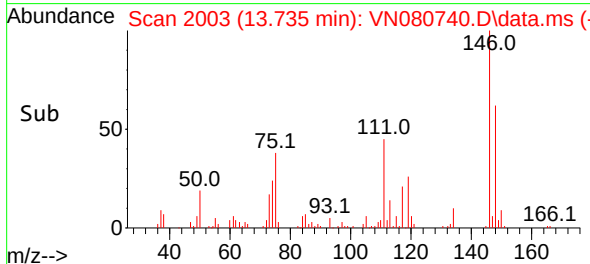
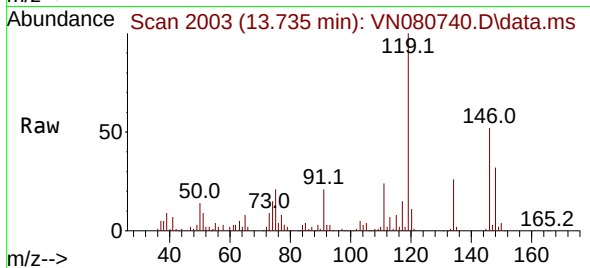
#87
1,3-Dichlorobenzene
Concen: 18.678 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS03

Tgt Ion:146 Resp: 71990
Ion Ratio Lower Upper
146 100
111 45.5 22.1 66.3
148 62.1 32.0 96.0

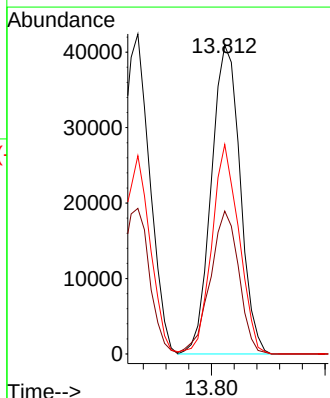
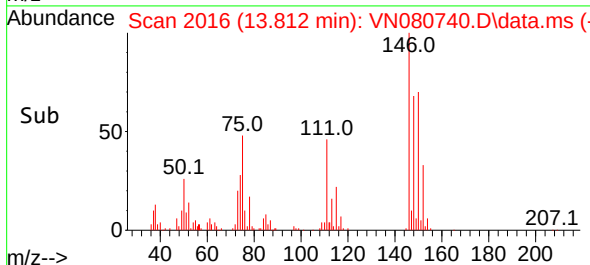
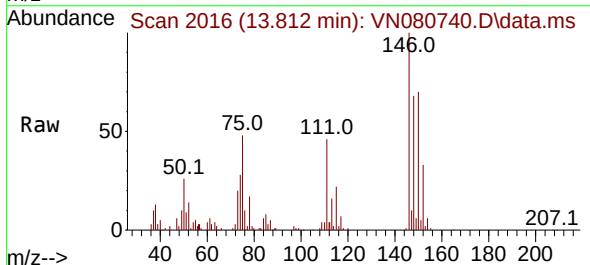
Manual Integrations
APPROVED

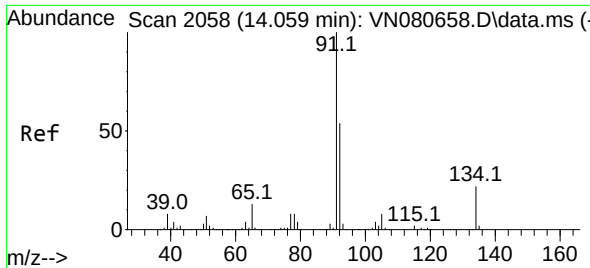
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#88
1,4-Dichlorobenzene
Concen: 18.361 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

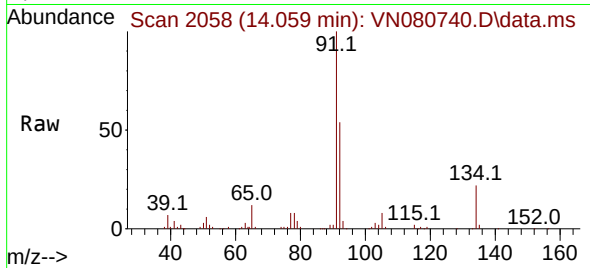
Tgt Ion:146 Resp: 72096
Ion Ratio Lower Upper
146 100
111 45.9 20.6 61.8
148 64.0 31.6 94.8





#89
n-Butylbenzene
Concen: 19.091 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

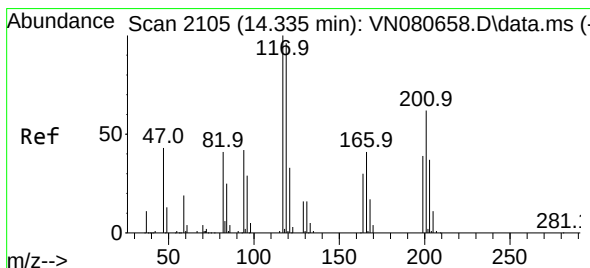
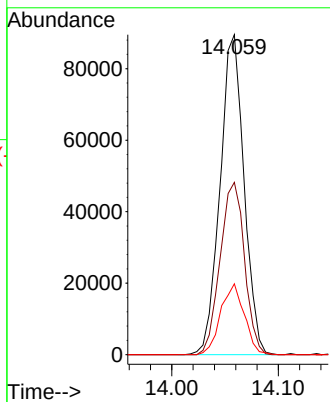
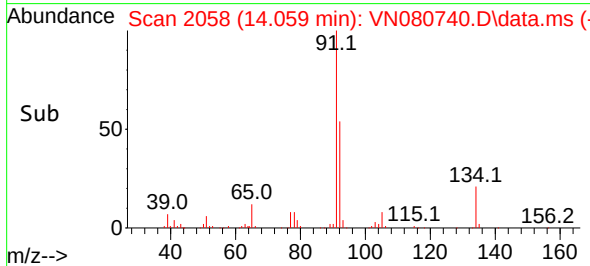
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS03



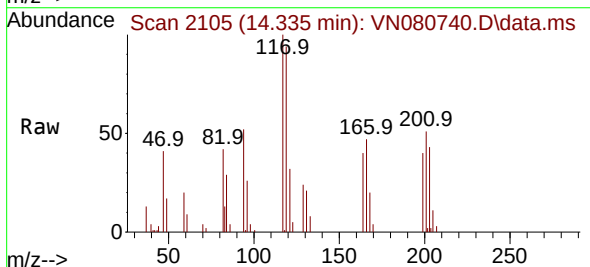
Tgt Ion: 91 Resp: 13977
Ion Ratio Lower Upper
91 100
92 54.8 26.4 79.0
134 21.9 12.6 37.6

Manual Integrations
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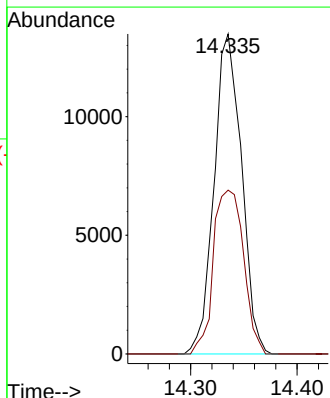
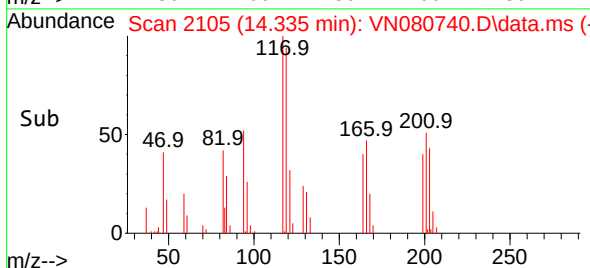
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024

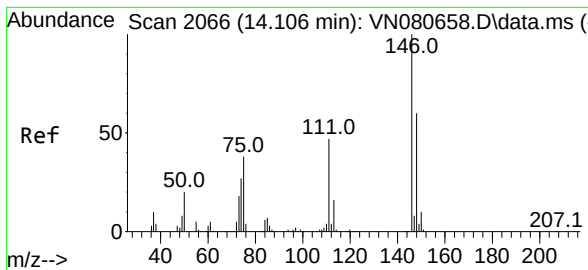


#90
Hexachloroethane
Concen: 17.122 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59



Tgt Ion:117 Resp: 24119
Ion Ratio Lower Upper
117 100
201 56.4 29.3 88.0





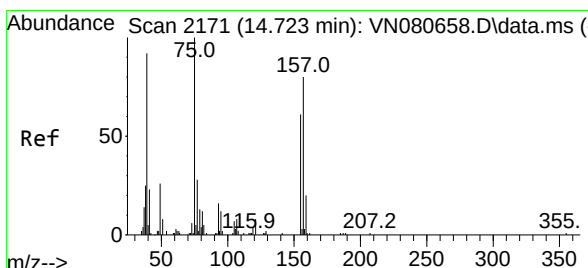
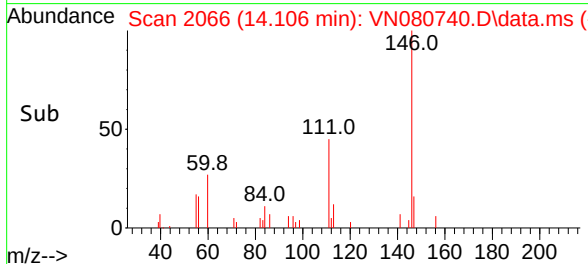
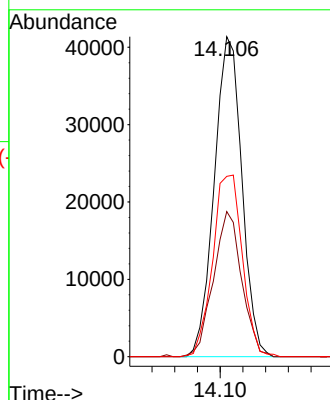
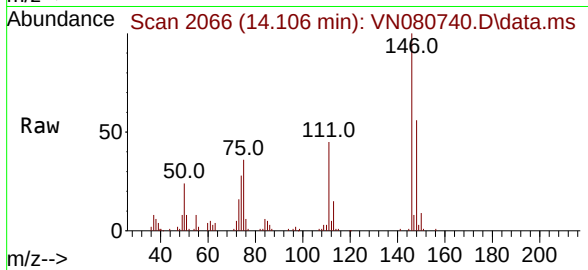
#91
1,2-Dichlorobenzene
Concen: 19.234 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS03

Tgt Ion:146 Resp: 69858
Ion Ratio Lower Upper
146 100
111 46.4 22.0 66.0
148 61.0 31.8 95.3

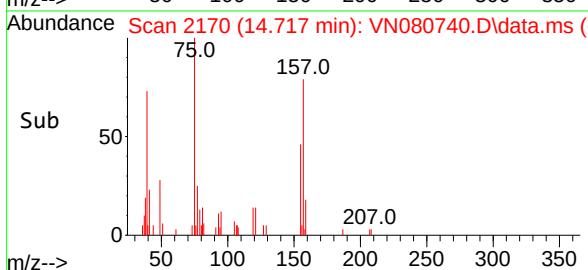
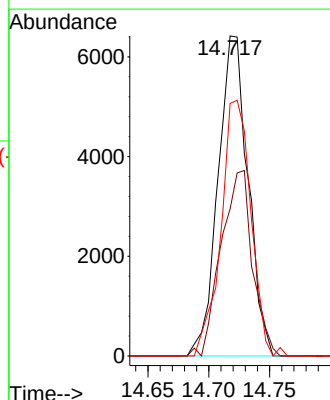
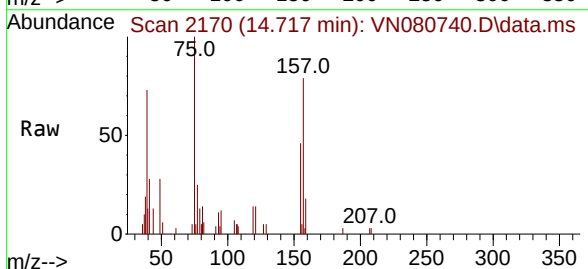
Manual Integrations
APPROVED

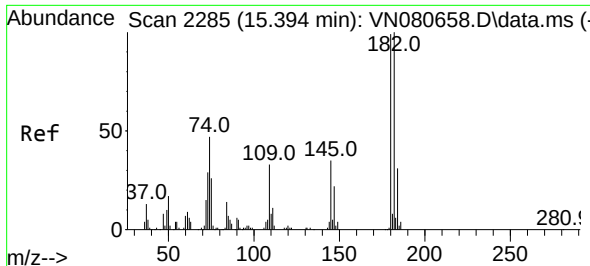
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 14.140 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

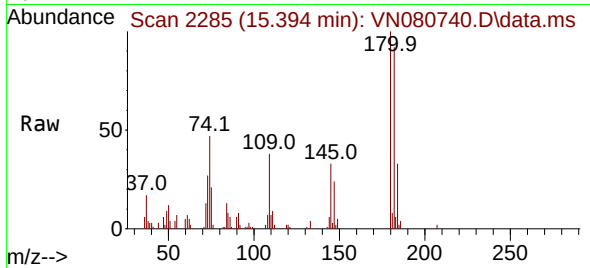
Tgt Ion: 75 Resp: 10990
Ion Ratio Lower Upper
75 100
155 60.9 39.1 117.2
157 80.0 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 18.711 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

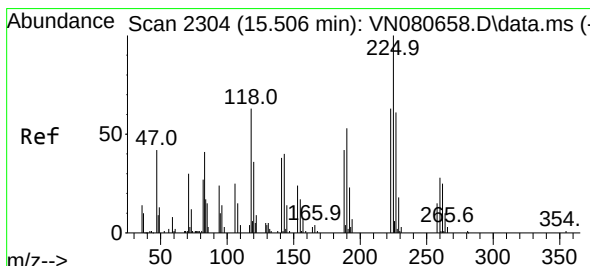
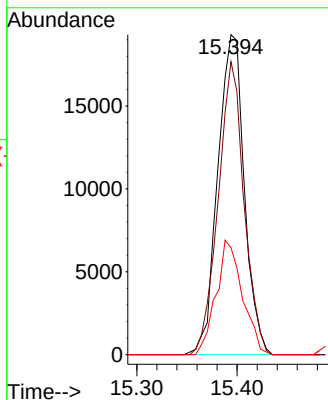
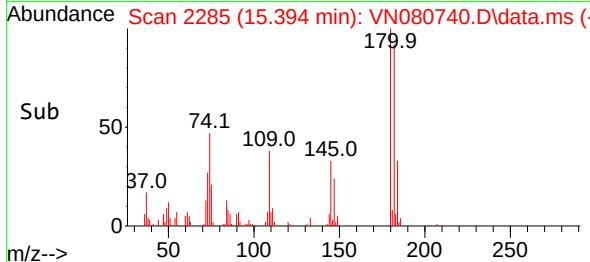
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS03



Tgt Ion:180 Resp: 3539
Ion Ratio Lower Upper
180 100
182 89.3 46.1 138.2
145 35.6 16.6 49.8

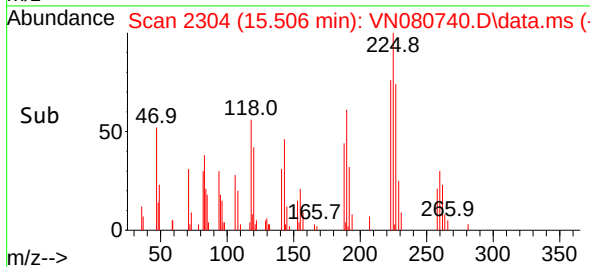
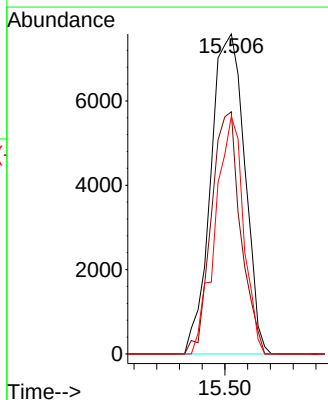
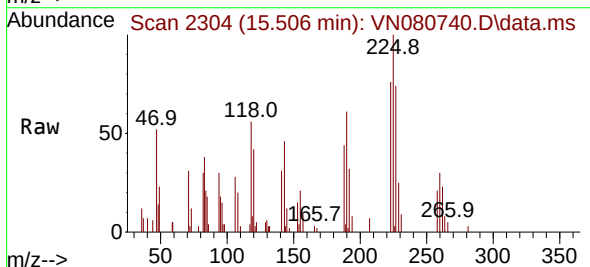
Manual Integrations
APPROVED

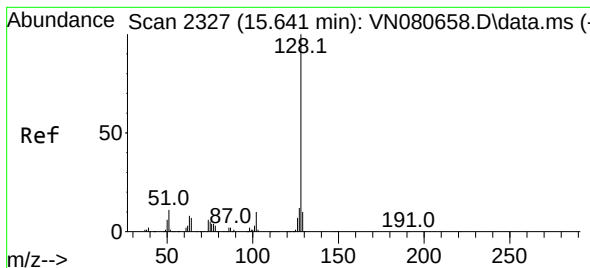
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#94
Hexachlorobutadiene
Concen: 17.342 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN080740.D
Acq: 22 Jan 2024 16:59

Tgt Ion:225 Resp: 15743
Ion Ratio Lower Upper
225 100
223 65.3 31.3 93.8
227 62.0 31.9 95.9





#95

Naphthalene

Concen: 16.839 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN080740.D

Acq: 22 Jan 2024 16:59

Instrument :

MSVOA_N

ClientSampleId :

VN0122WBS03

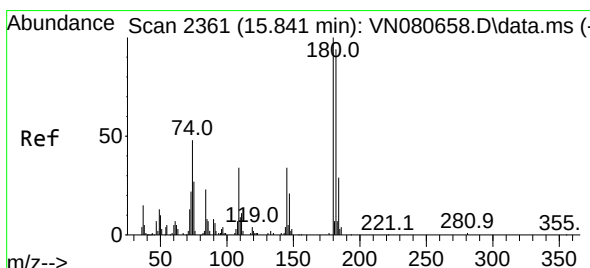
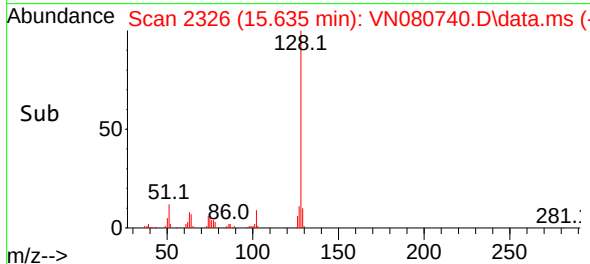
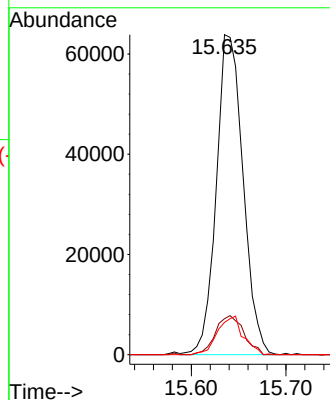
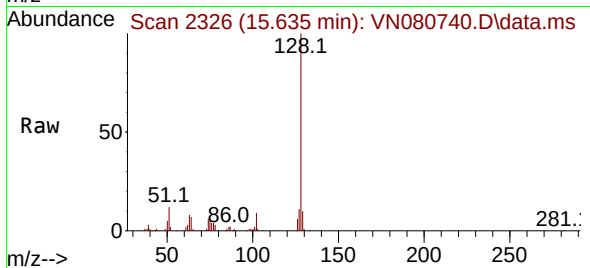
Tgt Ion:	128	Resp:	125350
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.0	15.0
129	11.6	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2024

Supervised By :Mahesh Dadoda 01/23/2024



#96

1,2,3-Trichlorobenzene

Concen: 17.667 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.006 min

Lab File: VN080740.D

Acq: 22 Jan 2024 16:59

Tgt Ion:	180	Resp:	32347
Ion	Ratio	Lower	Upper
180	100		
182	98.4	46.2	138.6
145	37.0	17.5	52.6

