

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012224\
 Data File : VN080738.D
 Acq On : 22 Jan 2024 15:10
 Operator : JC\MD
 Sample : VN0122WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0122WBSD02

Manual Integrations
 APPROVED

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

Quant Time: Jan 23 03:54:48 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	143300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	283276	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	237978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	93200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121038	48.098	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.200%		
35) Dibromofluoromethane	8.165	113	88394	54.920	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	109.840%		
50) Toluene-d8	10.565	98	357628	58.273	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	116.540%#		
62) 4-Bromofluorobenzene	12.847	95	120101	51.032	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	40761	17.508	ug/l	98
3) Chloromethane	2.359	50	61584	23.373	ug/l	95
4) Vinyl Chloride	2.518	62	46281	21.911	ug/l	98
5) Bromomethane	2.965	94	19418	24.187	ug/l	88
6) Chloroethane	3.124	64	26821	23.504	ug/l	95
7) Trichlorofluoromethane	3.506	101	63823	18.297	ug/l	89
8) Diethyl Ether	3.959	74	29363	19.262	ug/l #	51
9) 1,1,2-Trichlorotrifluo...	4.365	101	38109	20.045	ug/l	93
10) Methyl Iodide	4.595	142	31682	19.929	ug/l	89
11) Tert butyl alcohol	5.512	59	34271	80.527	ug/l #	92
12) 1,1-Dichloroethene	4.342	96	38598	18.041	ug/l #	80
13) Acrolein	4.177	56	42240	118.786	ug/l	97
14) Allyl chloride	5.024	41	79668	18.785	ug/l #	91
15) Acrylonitrile	5.718	53	113012	101.689	ug/l	100
16) Acetone	4.424	43	74439	90.100	ug/l	96
17) Carbon Disulfide	4.712	76	120530	18.419	ug/l	97
18) Methyl Acetate	5.012	43	51951	21.116	ug/l #	88
19) Methyl tert-butyl Ether	5.789	73	142644	19.349	ug/l #	90
20) Methylene Chloride	5.277	84	48733	20.206	ug/l #	79
21) trans-1,2-Dichloroethene	5.783	96	43771	20.170	ug/l #	72
22) Diisopropyl ether	6.665	45	180281	22.542	ug/l #	84
23) Vinyl Acetate	6.600	43	671263	103.125	ug/l #	83
24) 1,1-Dichloroethane	6.571	63	92577	21.147	ug/l	93
25) 2-Butanone	7.483	43	144615	96.836	ug/l #	79
26) 2,2-Dichloropropane	7.488	77	71985	18.801	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	51145	21.379	ug/l	81
28) Bromochloromethane	7.812	49	46779	22.857	ug/l #	61
29) Tetrahydrofuran	7.835	42	97195	96.560	ug/l #	74
30) Chloroform	7.965	83	84117	20.496	ug/l	84
31) Cyclohexane	8.259	56	80010	20.579	ug/l #	71
32) 1,1,1-Trichloroethane	8.165	97	69023	18.893	ug/l #	91
36) 1,1-Dichloropropene	8.371	75	67043	20.335	ug/l	93
37) Ethyl Acetate	7.559	43	63729	19.934	ug/l #	87
38) Carbon Tetrachloride	8.365	117	54205	18.311	ug/l	89
39) Methylcyclohexane	9.600	83	65163	20.653	ug/l #	89
40) Benzene	8.606	78	201168	21.705	ug/l	99

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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)
41) Methacrylonitrile	7.783	41	37810	20.389	ug/l #	82
42) 1,2-Dichloroethane	8.671	62	68658	19.350	ug/l	96
43) Isopropyl Acetate	8.688	43	116075	19.752	ug/l #	90
44) Trichloroethene	9.353	130	42813	20.404	ug/l	94
45) 1,2-Dichloropropane	9.618	63	55885	22.743	ug/l	91
46) Dibromomethane	9.706	93	31274	20.117	ug/l	95
47) Bromodichloromethane	9.888	83	68232	19.774	ug/l #	95
48) Methyl methacrylate	9.677	41	54488	19.584	ug/l #	75
49) 1,4-Dioxane	9.688	88	13489	389.097	ug/l #	73
51) 4-Methyl-2-Pentanone	10.441	43	315443	99.497	ug/l	88
52) Toluene	10.629	92	116634	21.964	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	77240	20.167	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	84078	20.701	ug/l #	84
55) 1,1,2-Trichloroethane	11.018	97	44426	21.735	ug/l	96
56) Ethyl methacrylate	10.871	69	72086	19.690	ug/l #	79
57) 1,3-Dichloropropane	11.165	76	82548	22.122	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	166307	94.843	ug/l #	84
59) 2-Hexanone	11.194	43	235434	100.595	ug/l	85
60) Dibromochloromethane	11.359	129	43087	20.511	ug/l	97
61) 1,2-Dibromoethane	11.471	107	41479	20.644	ug/l	95
64) Tetrachloroethene	11.106	164	33463	20.476	ug/l	92
65) Chlorobenzene	11.894	112	109135	20.990	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	38455	20.832	ug/l	96
67) Ethyl Benzene	11.965	91	212089	21.362	ug/l	92
68) m/p-Xylenes	12.070	106	158155	45.311	ug/l	96
69) o-Xylene	12.400	106	76246	22.341	ug/l	91
70) Styrene	12.412	104	124108	21.415	ug/l	95
71) Bromoform	12.582	173	25501	20.080	ug/l #	96
73) Isopropylbenzene	12.694	105	182176	20.556	ug/l	99
74) N-amyl acetate	12.494	43	102703	19.310	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.935	83	57563	19.800	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	56122m	19.528	ug/l	
77) Bromobenzene	12.982	156	37382	19.859	ug/l	72
78) n-propylbenzene	13.035	91	224919	20.688	ug/l	96
79) 2-Chlorotoluene	13.123	91	136790	19.633	ug/l	96
80) 1,3,5-Trimethylbenzene	13.170	105	150320	20.352	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	22291	18.285	ug/l #	78
82) 4-Chlorotoluene	13.223	91	133267	19.511	ug/l	93
83) tert-Butylbenzene	13.441	119	122874	20.810	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	151832	20.905	ug/l	100
85) sec-Butylbenzene	13.617	105	175339	20.899	ug/l	96
86) p-Isopropyltoluene	13.729	119	137418	20.739	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	67288	20.013	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	68062	19.871	ug/l	97
89) n-Butylbenzene	14.059	91	133023	20.828	ug/l	96
90) Hexachloroethane	14.335	117	23501	19.125	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	66655	21.038	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10748	15.898	ug/l	84
93) 1,2,4-Trichlorobenzene	15.388	180	31767	19.252	ug/l	98
94) Hexachlorobutadiene	15.500	225	14510	18.324	ug/l	96
95) Naphthalene	15.641	128	114610	17.649	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	30639	19.183	ug/l	98

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ALS Vial : 11 Sample Multiplier: 1

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MSVOA_N
ClientSampleId :
VN0122WBSD02

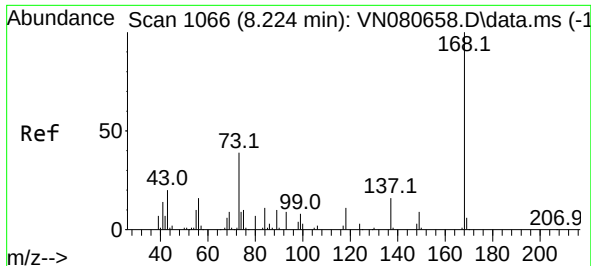
Manual Integrations
APPROVED

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

Quant Time: Jan 23 03:54:48 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

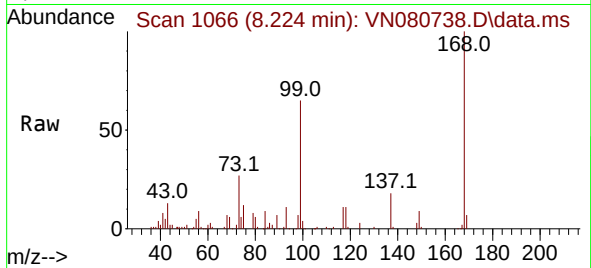
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080738.D
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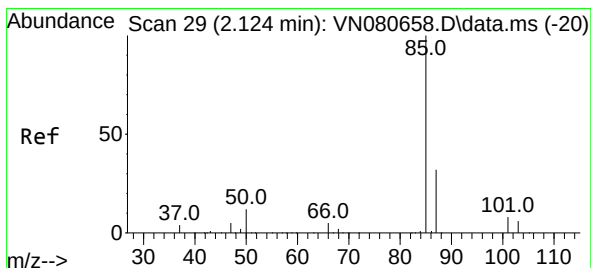
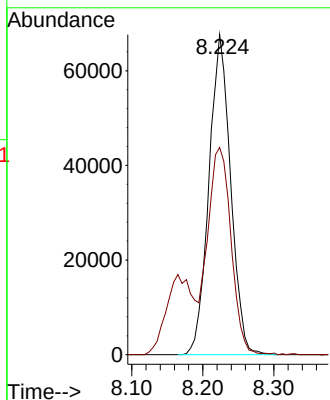
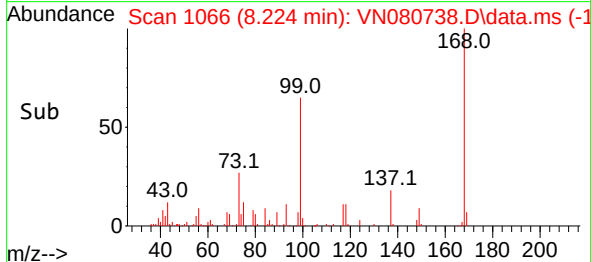
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD02



Tgt Ion:168 Resp: 143300
Ion Ratio Lower Upper
168 100
99 64.8 53.0 79.6

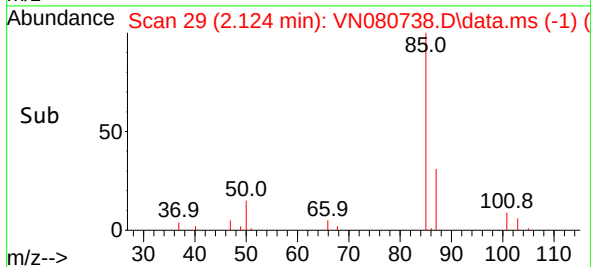
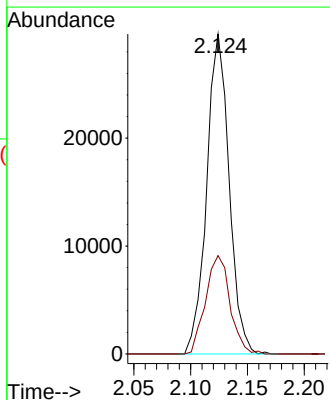
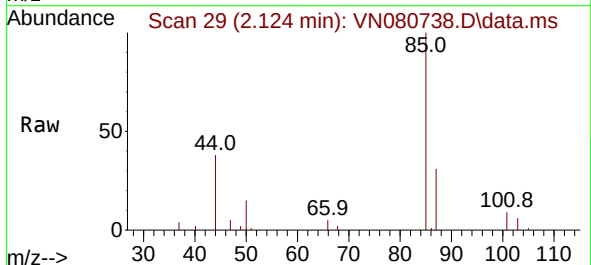
Manual Integrations
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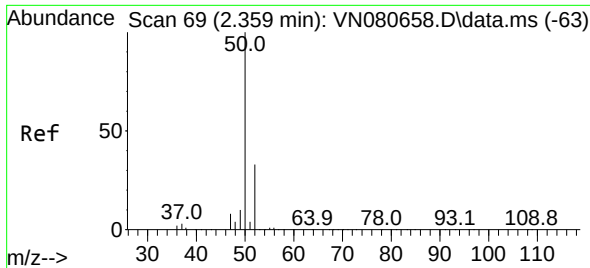
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#2
Dichlorodifluoromethane
Concen: 17.508 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

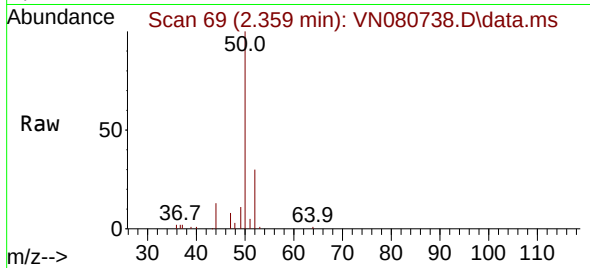
Tgt Ion: 85 Resp: 40761
Ion Ratio Lower Upper
85 100
87 30.8 15.8 47.4





#3
Chloromethane
Concen: 23.373 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

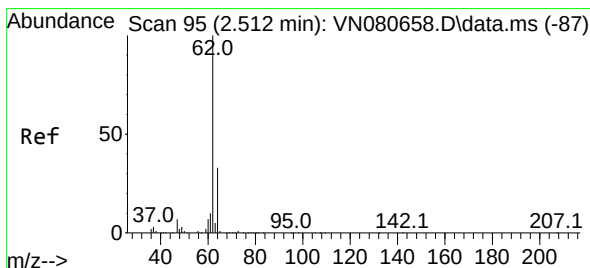
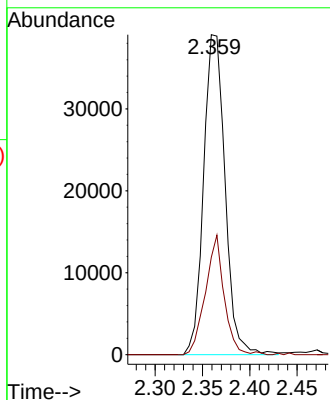
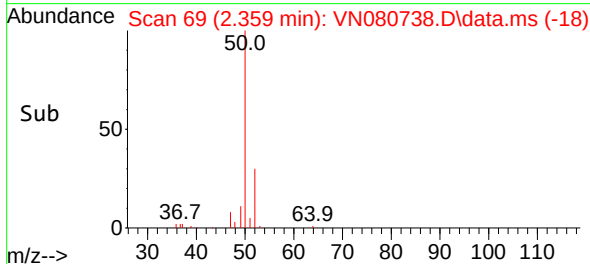
Instrument :
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ClientSampleId :
VN0122WBSD02



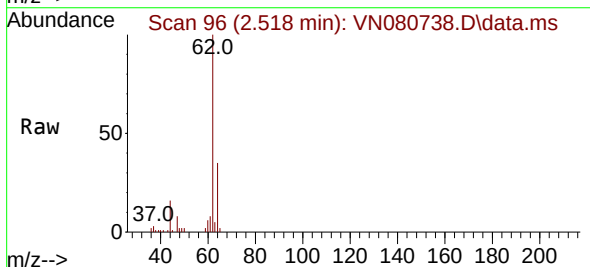
Tgt Ion: 50 Resp: 61584
Ion Ratio Lower Upper
50 100
52 30.5 26.5 39.7

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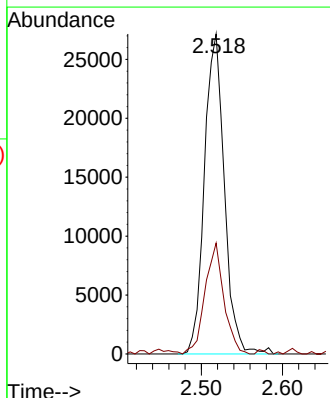
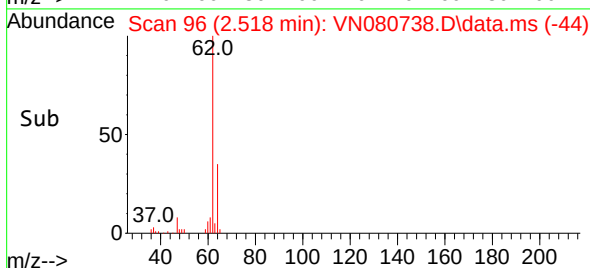
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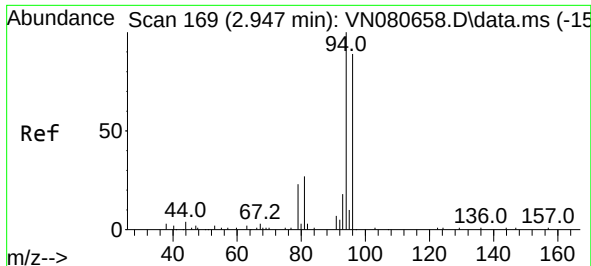


#4
Vinyl Chloride
Concen: 21.911 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10



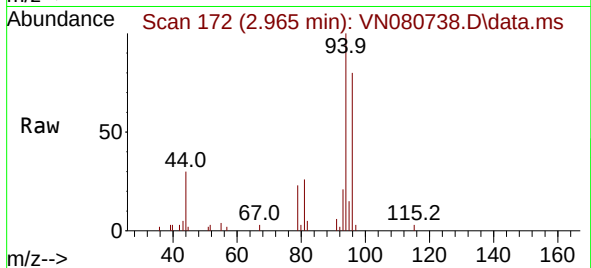
Tgt Ion: 62 Resp: 46281
Ion Ratio Lower Upper
62 100
64 34.1 26.2 39.2





#5
Bromomethane
Concen: 24.187 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.018 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

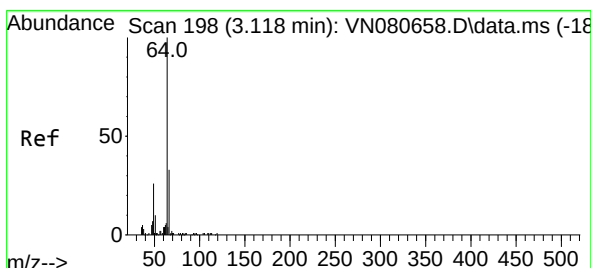
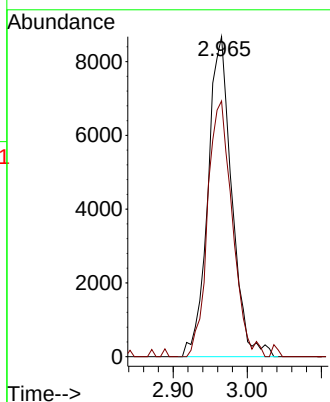
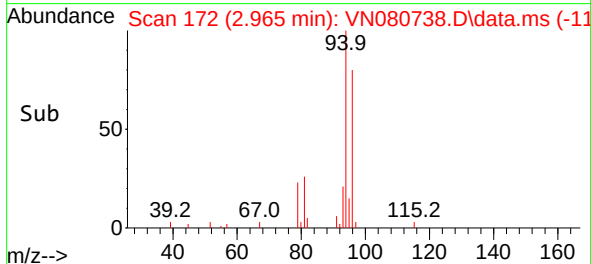
Instrument :
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Tgt Ion: 94 Resp: 19418
Ion Ratio Lower Upper
94 100
96 79.9 73.1 109.7

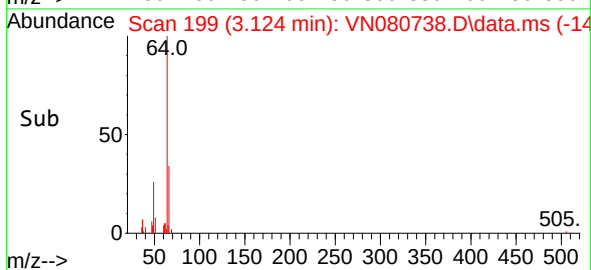
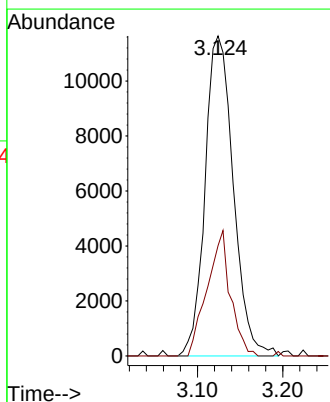
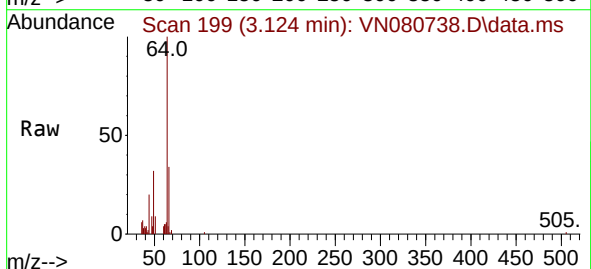
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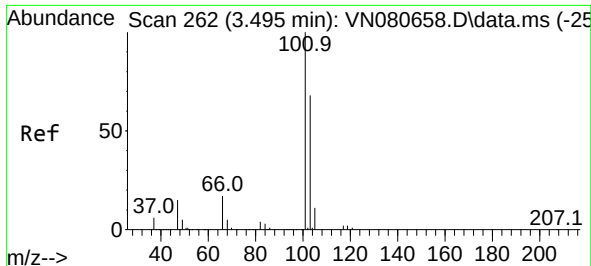
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#6
Chloroethane
Concen: 23.504 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

Tgt Ion: 64 Resp: 26821
Ion Ratio Lower Upper
64 100
66 34.5 25.4 38.2





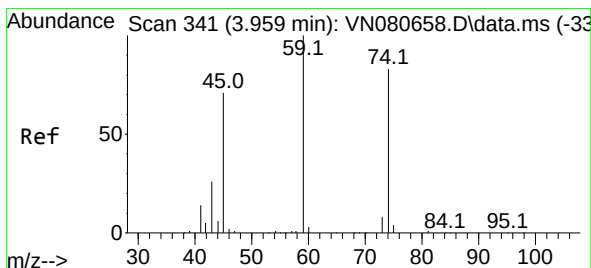
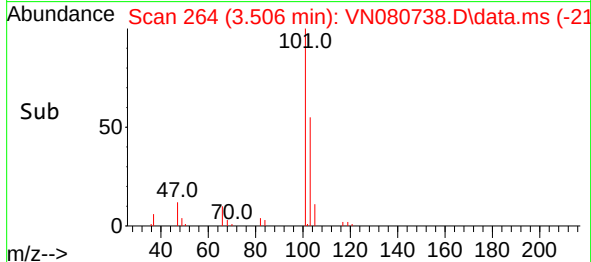
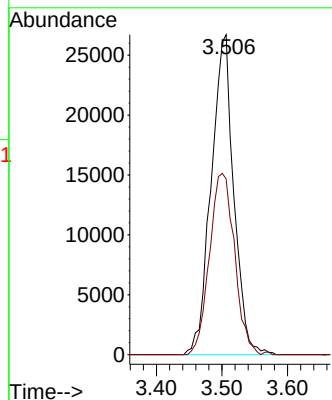
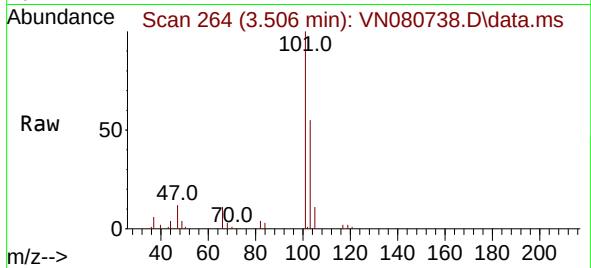
#7
Trichlorofluoromethane
Concen: 18.297 ug/l
RT: 3.506 min Scan# 262
Delta R.T. 0.012 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

Instrument :
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ClientSampleId :
VN0122WBSD02

Tgt Ion:101 Resp: 6382
Ion Ratio Lower Upper
101 100
103 54.9 50.7 76.1

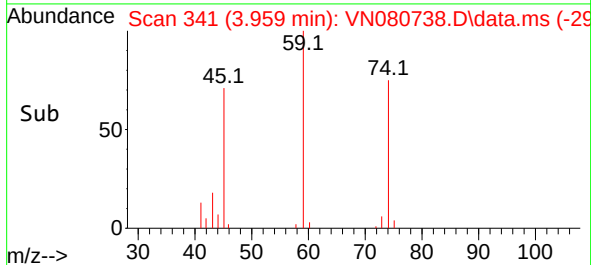
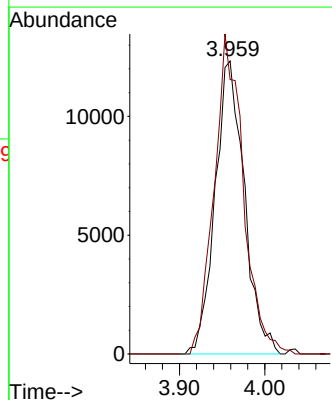
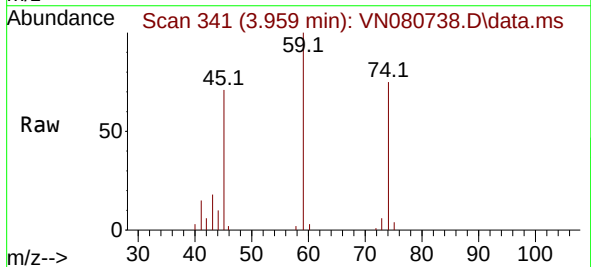
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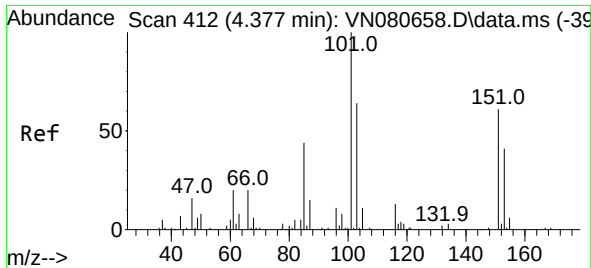
Reviewed By :John Carlone 01/23/2024
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#8
Diethyl Ether
Concen: 19.262 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

Tgt Ion: 74 Resp: 29363
Ion Ratio Lower Upper
74 100
45 108.7 34.4 103.3#





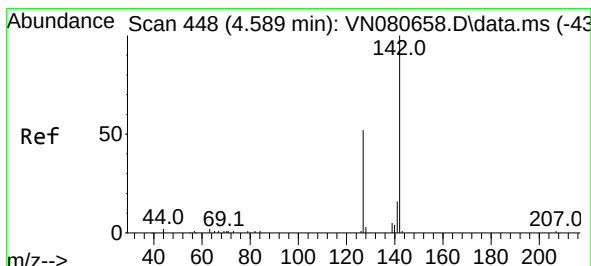
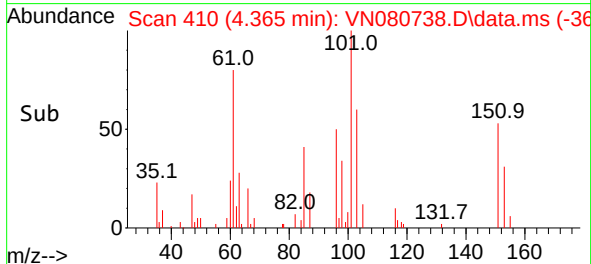
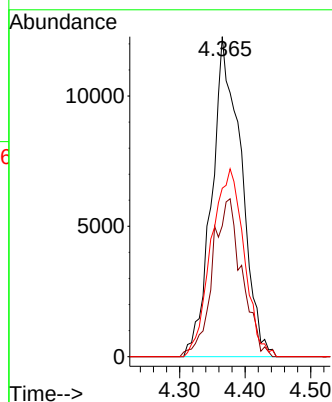
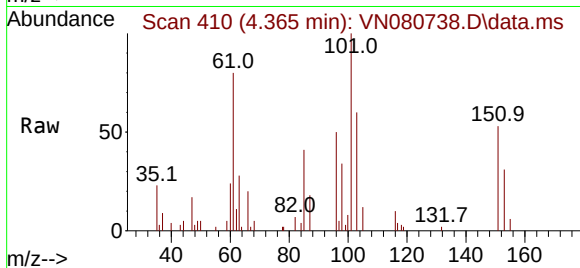
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.045 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD02

Tgt Ion:101 Resp: 38109
Ion Ratio Lower Upper
101 100
85 49.6 36.6 55.0
151 65.7 57.6 86.4

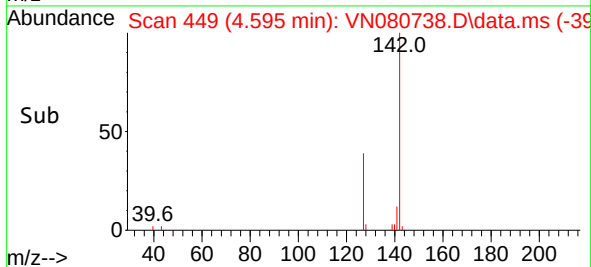
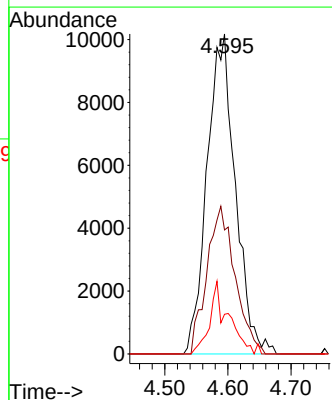
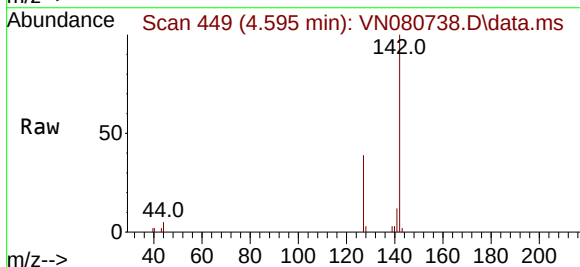
Manual Integrations
APPROVED

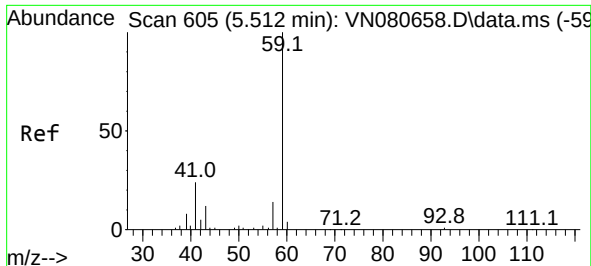
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#10
Methyl Iodide
Concen: 19.929 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

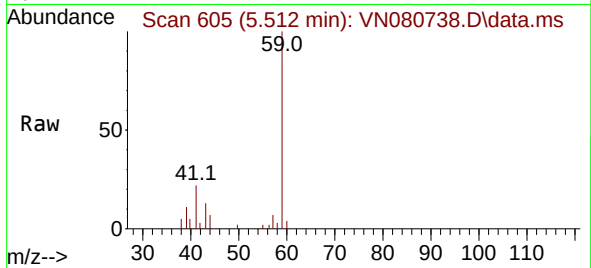
Tgt Ion:142 Resp: 31682
Ion Ratio Lower Upper
142 100
127 38.8 37.6 56.4
141 12.4 11.4 17.0





#11
Tert butyl alcohol
Concen: 80.527 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

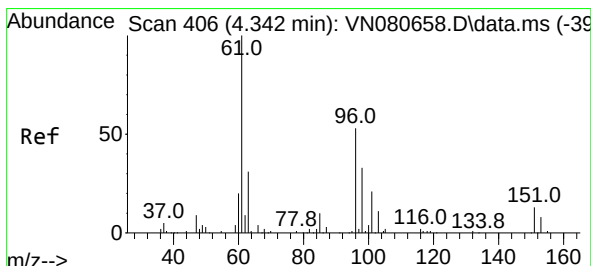
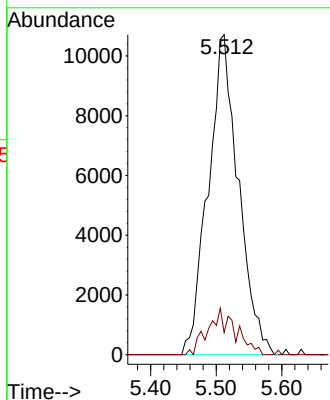
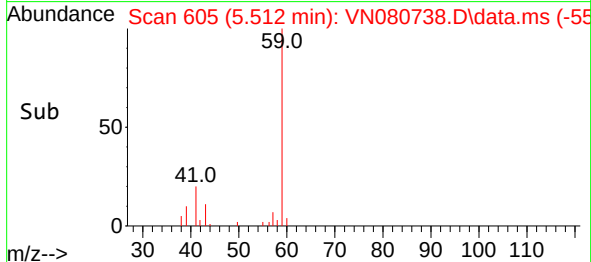
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD02



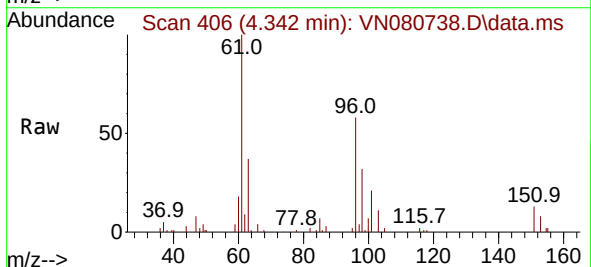
Tgt Ion: 59 Resp: 3427
Ion Ratio Lower Upper
59 100
57 13.2 8.2 12.4

Manual Integrations
APPROVED

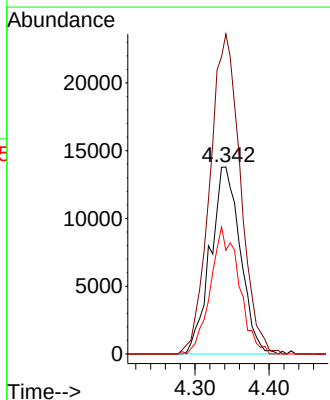
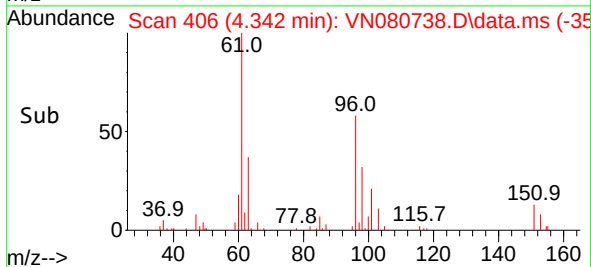
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024

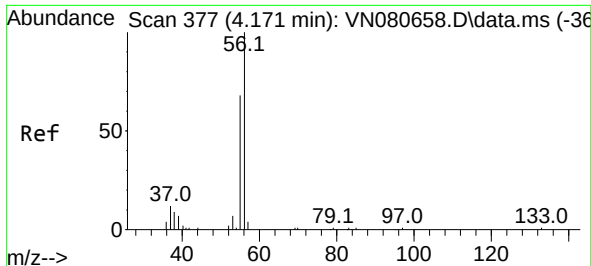


#12
1,1-Dichloroethene
Concen: 18.041 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10



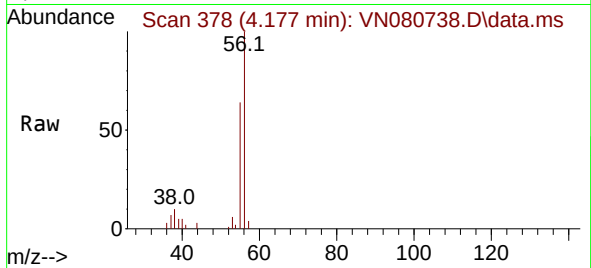
Tgt Ion: 96 Resp: 38598
Ion Ratio Lower Upper
96 100
61 171.2 112.7 169.1#
98 55.5 51.2 76.8





#13
Acrolein
Concen: 118.786 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

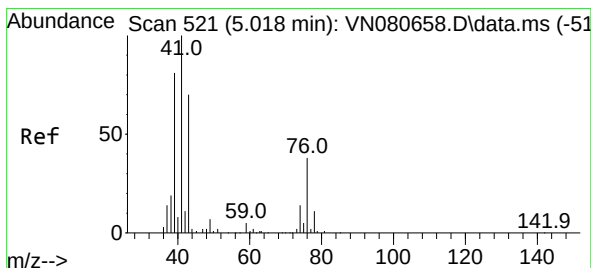
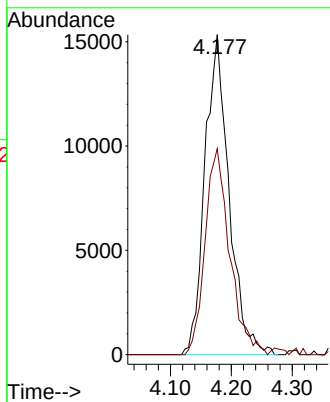
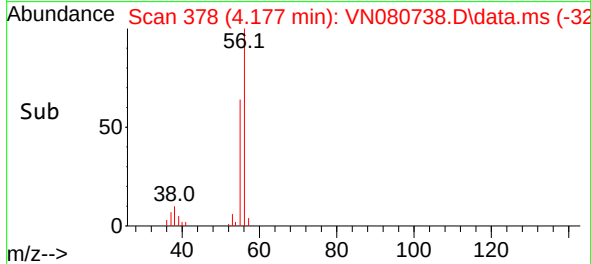
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD02



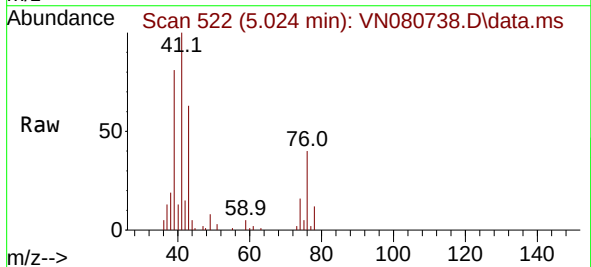
Tgt Ion: 56 Resp: 42240
Ion Ratio Lower Upper
56 100
55 65.7 54.5 81.7

Manual Integrations
APPROVED

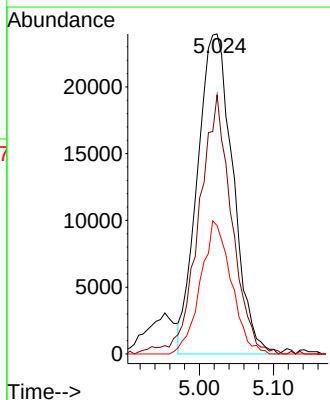
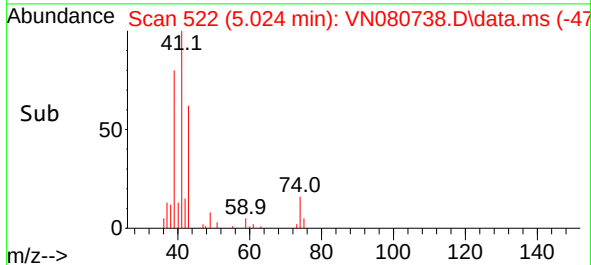
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024

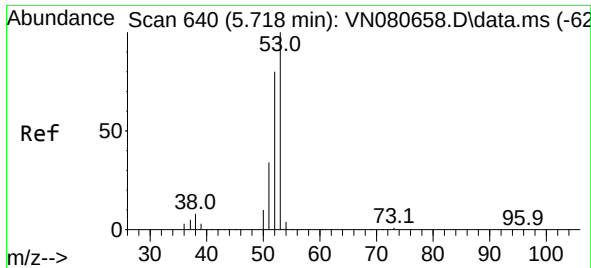


#14
Allyl chloride
Concen: 18.785 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10



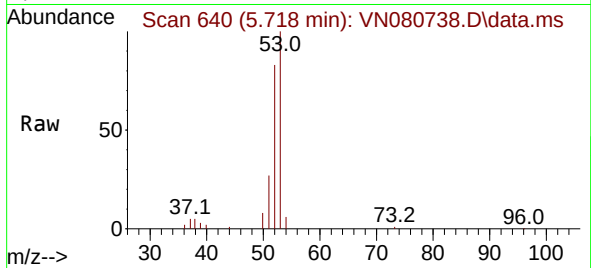
Tgt Ion: 41 Resp: 79668
Ion Ratio Lower Upper
41 100
39 75.3 58.8 88.2
76 36.1 39.1 58.7#





#15
Acrylonitrile
Concen: 101.689 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

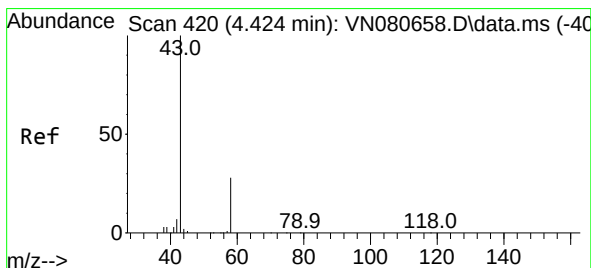
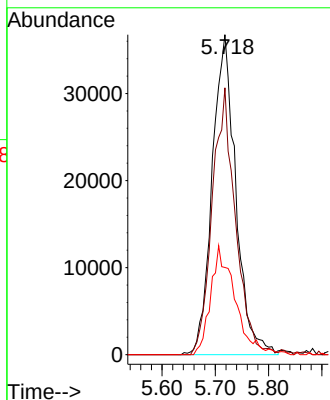
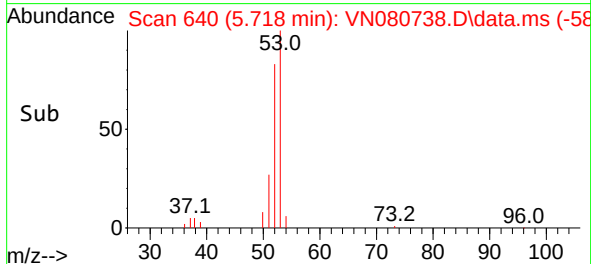
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD02



Tgt Ion: 53 Resp: 113012
Ion Ratio Lower Upper
53 100
52 81.7 65.3 97.9
51 35.4 28.9 43.3

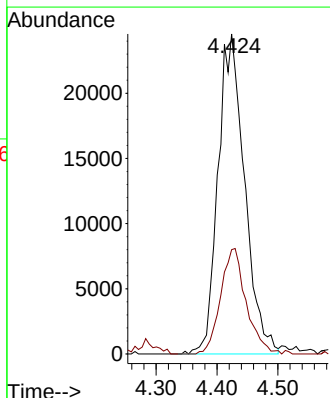
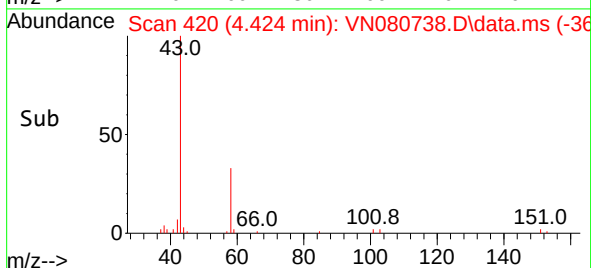
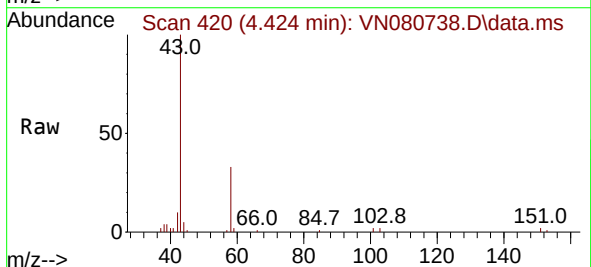
Manual Integrations
APPROVED

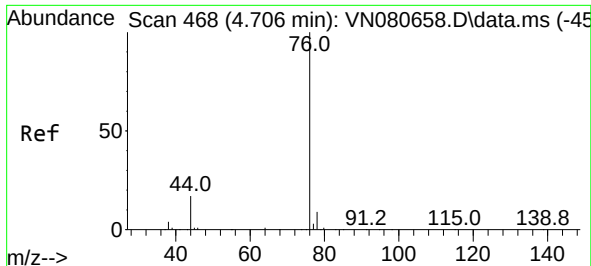
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#16
Acetone
Concen: 90.100 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

Tgt Ion: 43 Resp: 74439
Ion Ratio Lower Upper
43 100
58 32.6 28.0 42.0





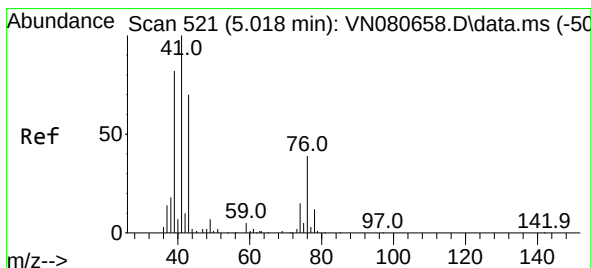
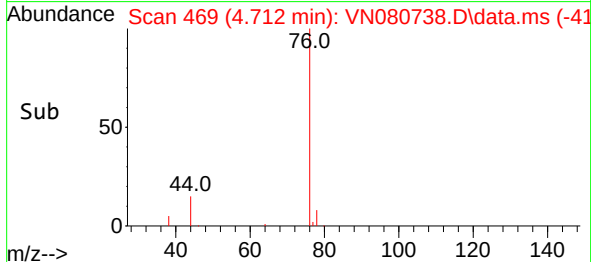
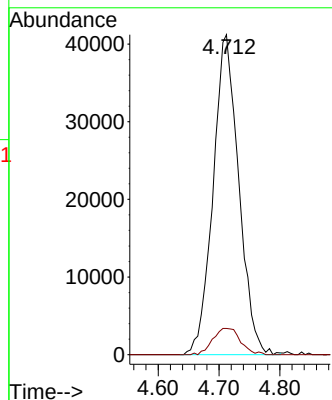
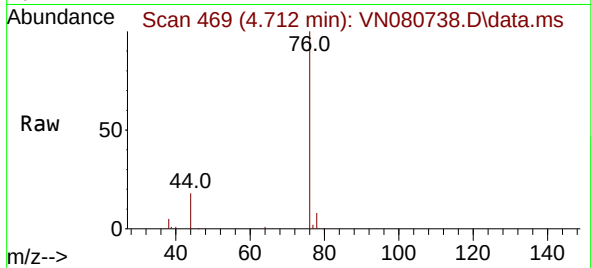
#17
Carbon Disulfide
Concen: 18.419 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD02

Tgt Ion: 76 Resp: 120530
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0

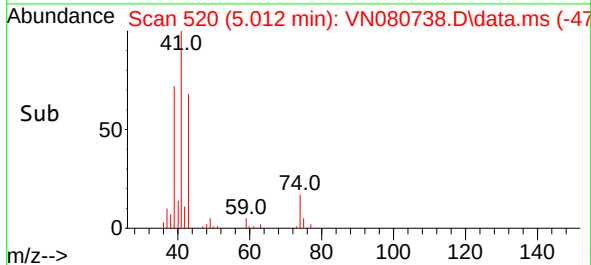
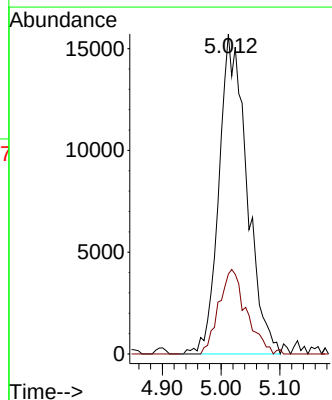
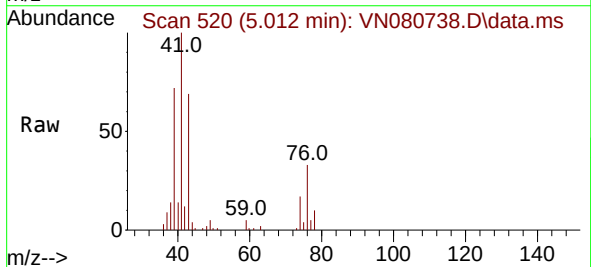
Manual Integrations
APPROVED

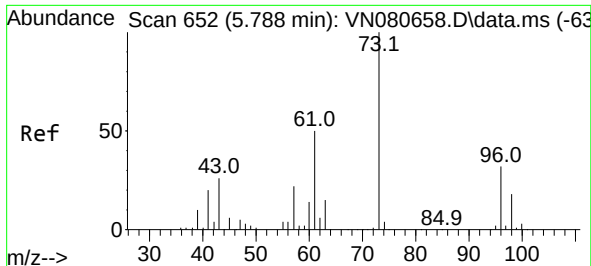
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#18
Methyl Acetate
Concen: 21.116 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

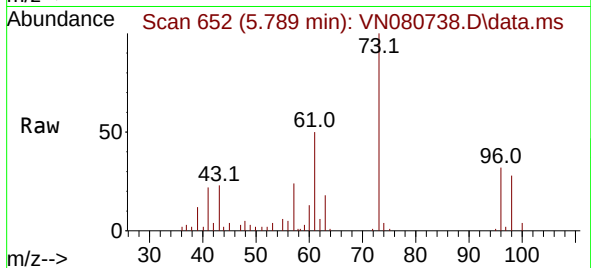
Tgt Ion: 43 Resp: 51951
Ion Ratio Lower Upper
43 100
74 26.0 26.2 39.4#





#19
Methyl tert-butyl Ether
Concen: 19.349 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

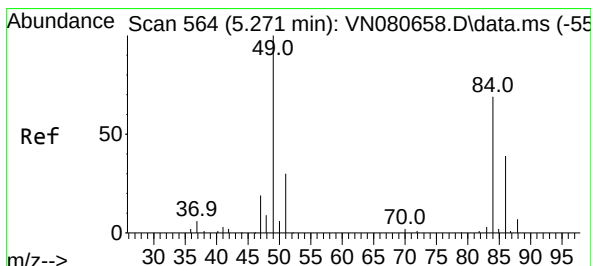
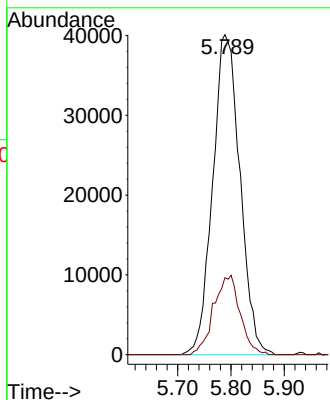
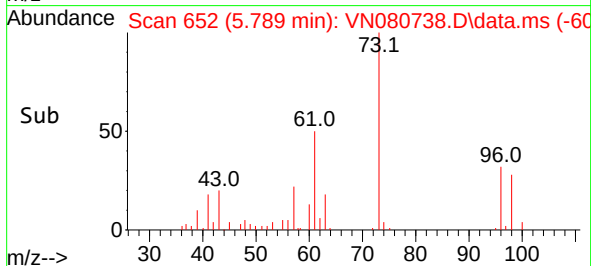
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD02



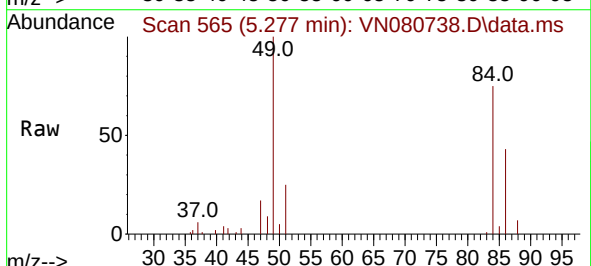
Tgt Ion: 73 Resp: 142644
Ion Ratio Lower Upper
73 100
57 24.0 15.6 23.4

Manual Integrations
APPROVED

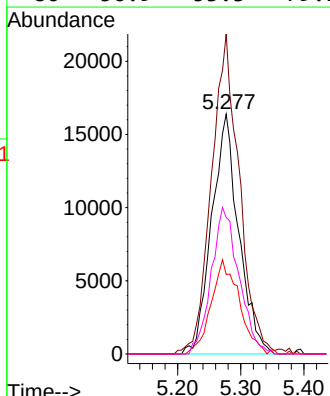
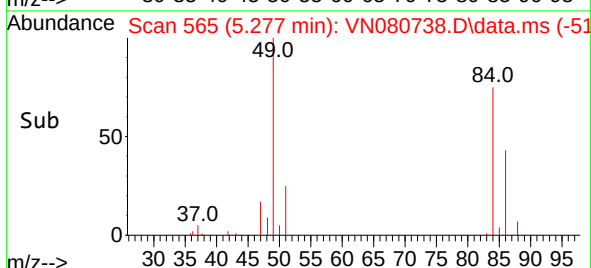
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024

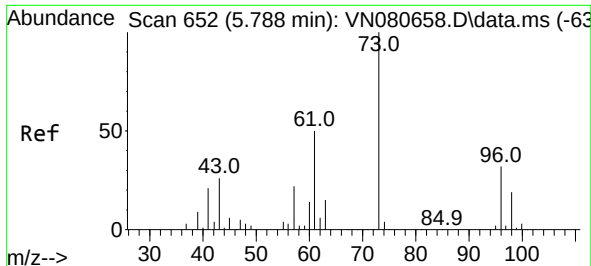


#20
Methylene Chloride
Concen: 20.206 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10



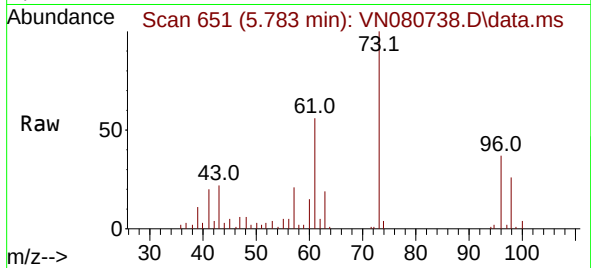
Tgt Ion: 84 Resp: 48733
Ion Ratio Lower Upper
84 100
49 131.8 79.7 119.5#
51 33.2 25.2 37.8
86 56.9 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 20.170 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

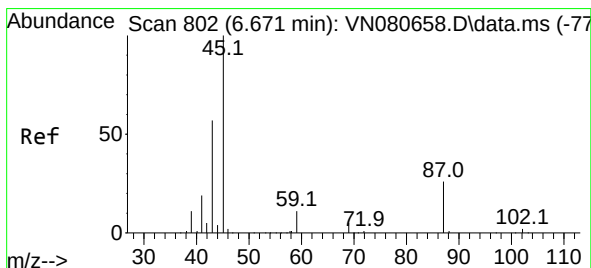
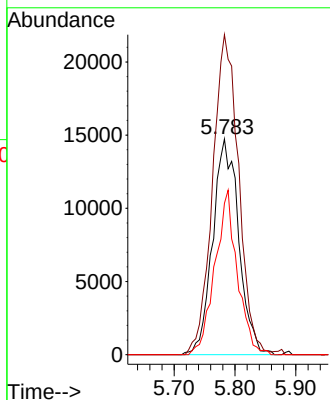
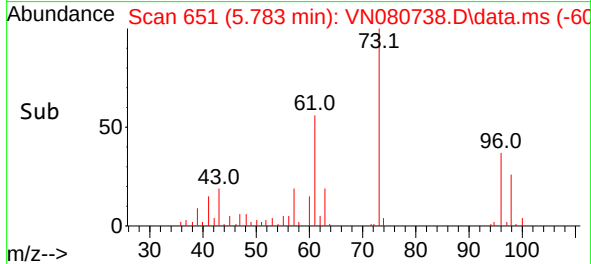
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD02



Tgt Ion: 96 Resp: 4377
Ion Ratio Lower Upper
96 100
61 148.4 90.1 135.1
98 70.1 46.4 69.6

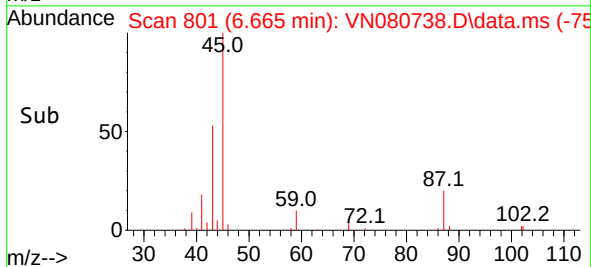
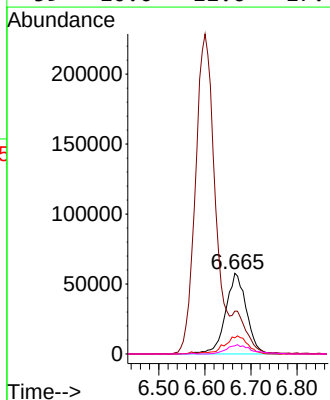
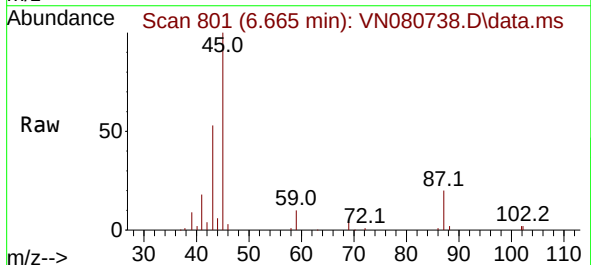
Manual Integrations
APPROVED

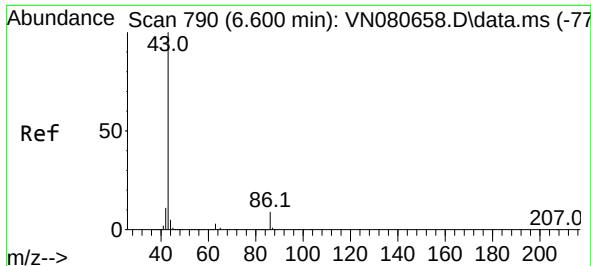
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#22
Diisopropyl ether
Concen: 22.542 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

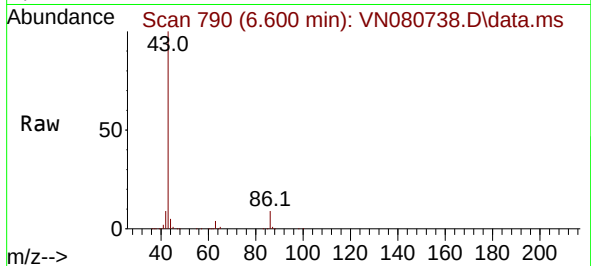
Tgt Ion: 45 Resp: 180281
Ion Ratio Lower Upper
45 100
43 51.7 45.5 68.3
87 20.1 31.8 47.8#
59 10.0 11.6 17.4#





#23
 Vinyl Acetate
 Concen: 103.125 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080738.D
 Acq: 22 Jan 2024 15:10

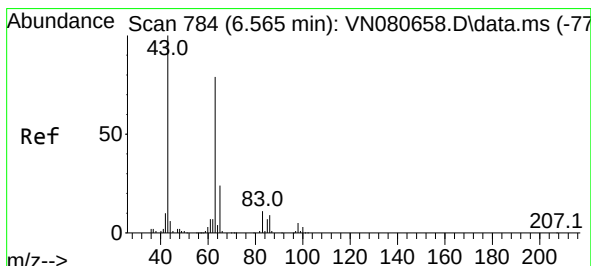
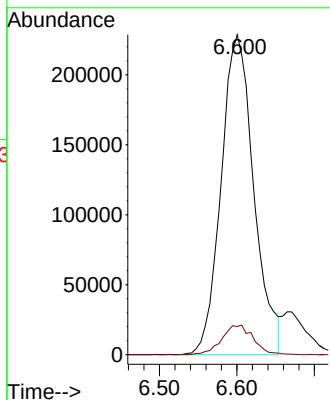
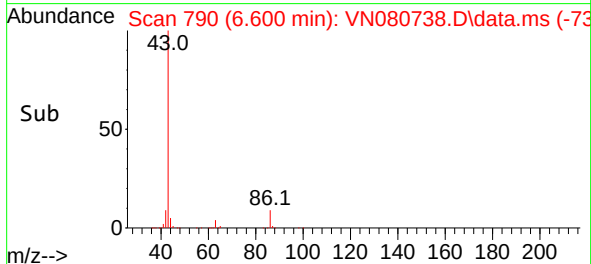
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0122WBSD02



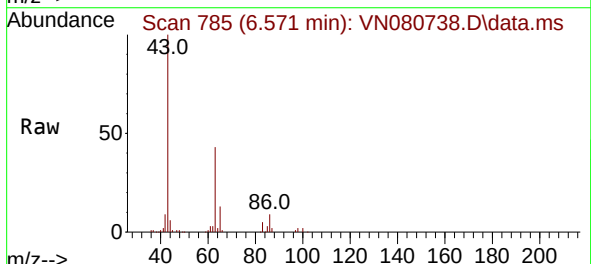
Tgt Ion: 43 Resp: 67126
 Ion Ratio Lower Upper
 43 100
 86 8.8 13.0 19.6

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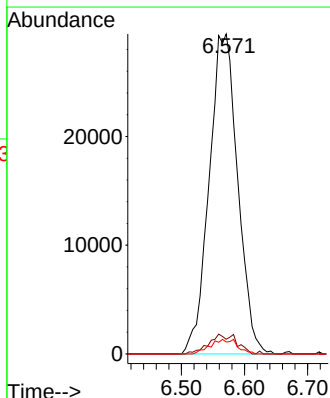
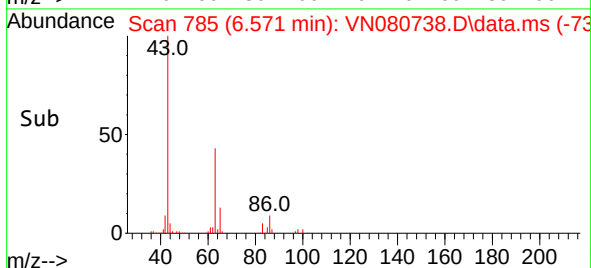
Reviewed By :John Carlone 01/23/2024
 Supervised By :Mahesh Dadoda 01/23/2024

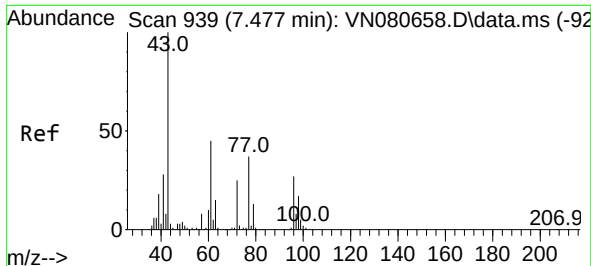


#24
 1,1-Dichloroethane
 Concen: 21.147 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080738.D
 Acq: 22 Jan 2024 15:10



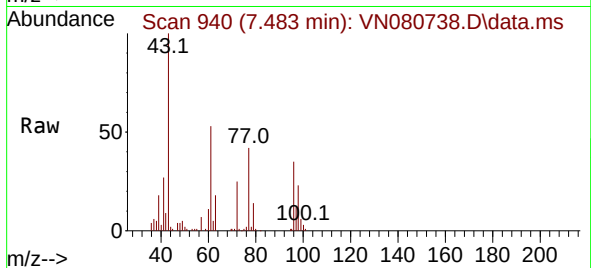
Tgt Ion: 63 Resp: 92577
 Ion Ratio Lower Upper
 63 100
 98 4.6 3.9 11.7
 100 3.8 2.5 7.4





#25
2-Butanone
Concen: 96.836 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

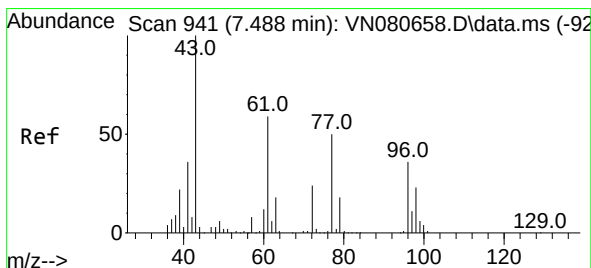
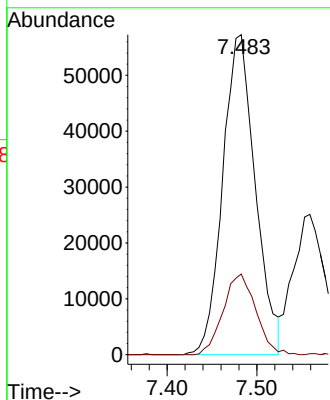
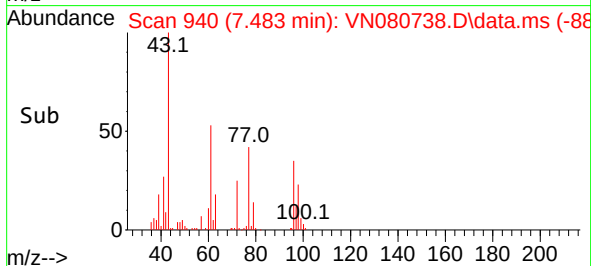
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD02



Tgt Ion: 43 Resp: 144615
Ion Ratio Lower Upper
43 100
72 25.2 30.2 45.2

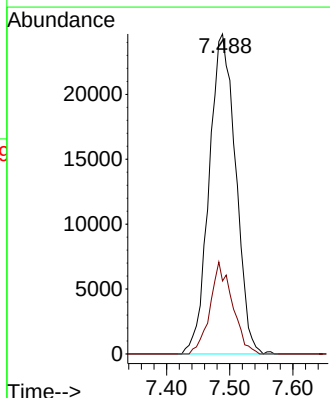
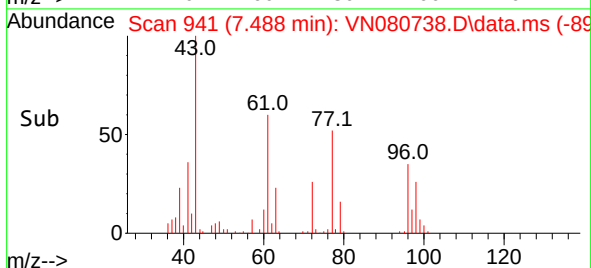
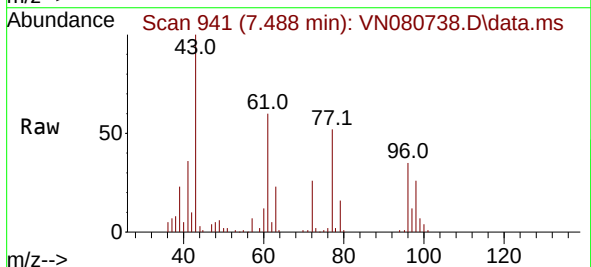
Manual Integrations
APPROVED

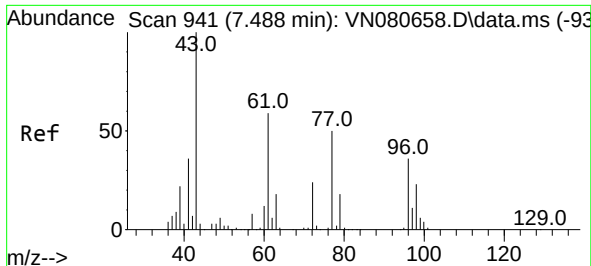
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#26
2,2-Dichloropropane
Concen: 18.801 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

Tgt Ion: 77 Resp: 71985
Ion Ratio Lower Upper
77 100
97 24.3 11.2 33.6





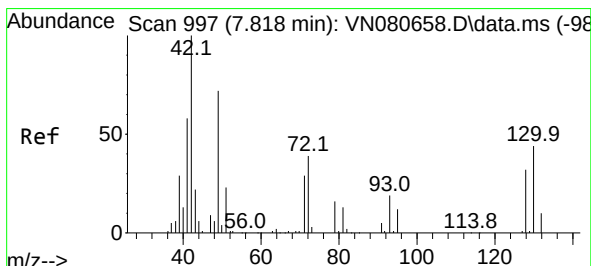
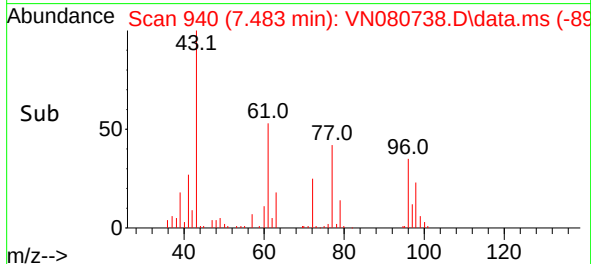
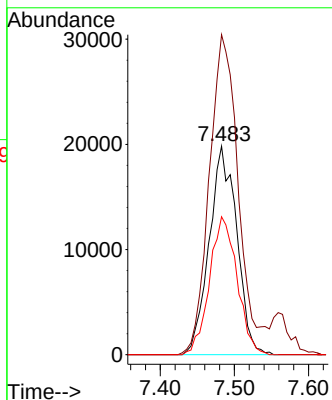
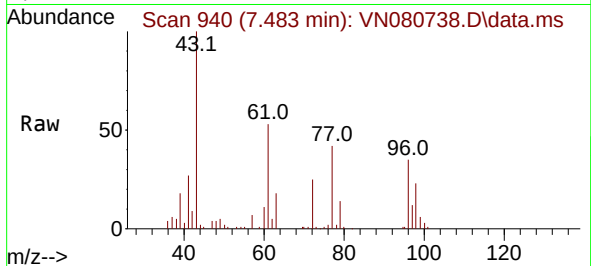
#27
cis-1,2-Dichloroethene
Concen: 21.379 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD02

Tgt Ion: 96 Resp: 5114
Ion Ratio Lower Upper
96 100
61 159.6 0.0 255.2
98 66.2 0.0 128.8

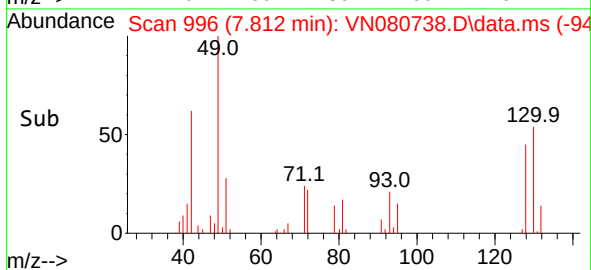
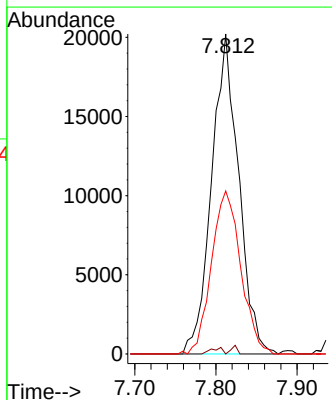
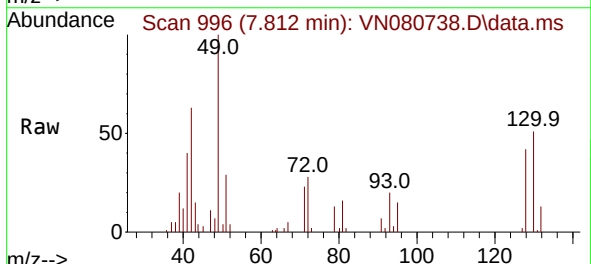
Manual Integrations
APPROVED

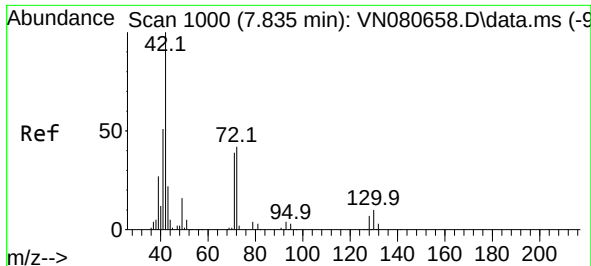
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#28
Bromochloromethane
Concen: 22.857 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

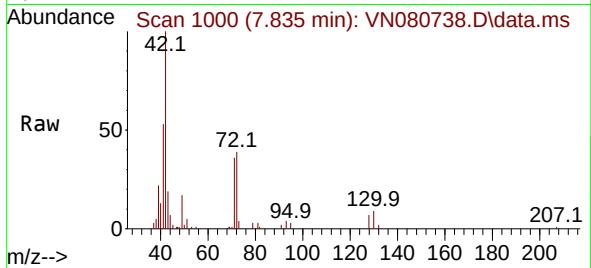
Tgt Ion: 49 Resp: 46779
Ion Ratio Lower Upper
49 100
129 0.9 0.0 4.8
130 55.2 75.3 112.9#





#29
Tetrahydrofuran
Concen: 96.560 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

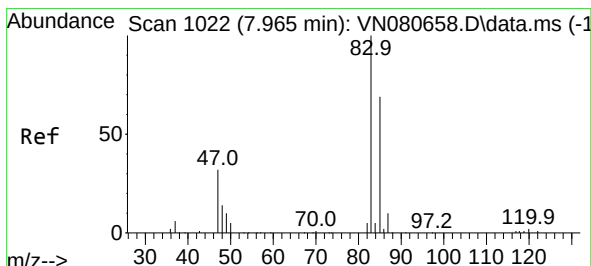
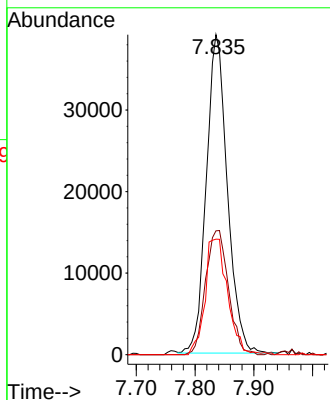
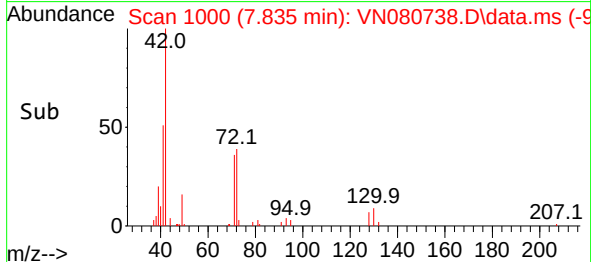
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD02



Tgt Ion: 42 Resp: 9719
Ion Ratio Lower Upper
42 100
72 42.4 49.8 74.6
71 39.0 47.4 71.2

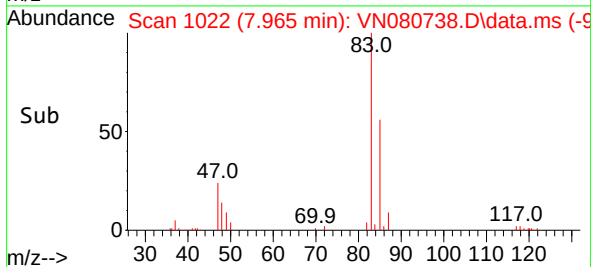
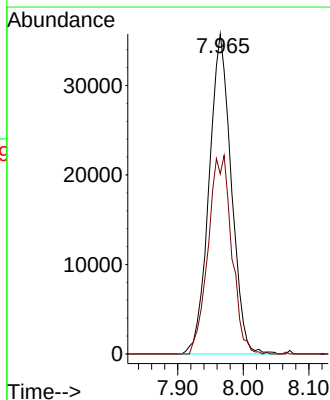
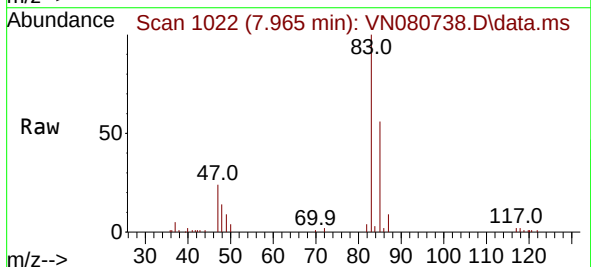
Manual Integrations
APPROVED

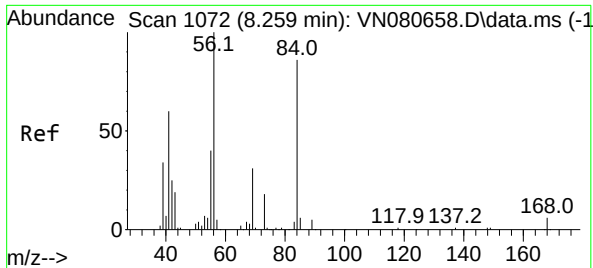
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#30
Chloroform
Concen: 20.496 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

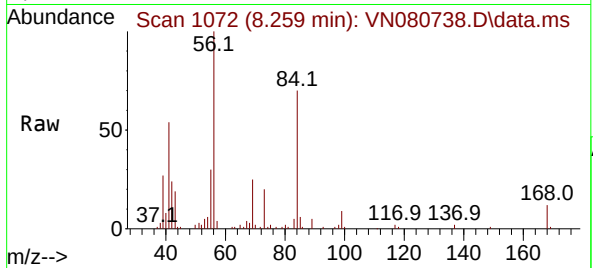
Tgt Ion: 83 Resp: 84117
Ion Ratio Lower Upper
83 100
85 56.3 55.4 83.0





#31
Cyclohexane
Concen: 20.579 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

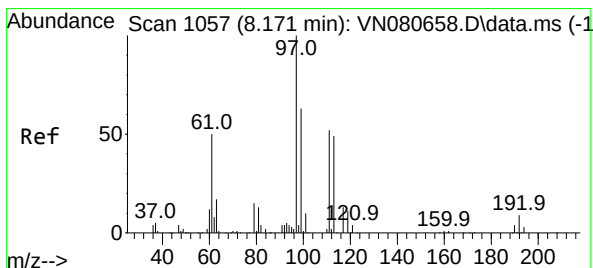
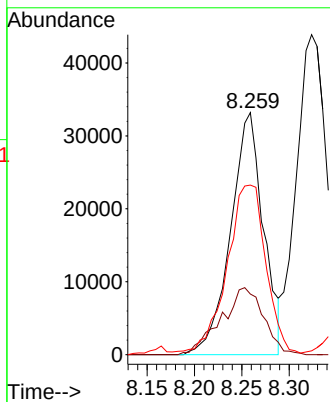
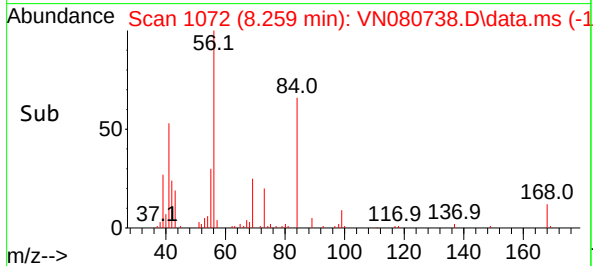
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD02



Tgt Ion: 56 Resp: 80010
Ion Ratio Lower Upper
56 100
69 25.1 26.8 40.2
84 68.7 81.8 122.6

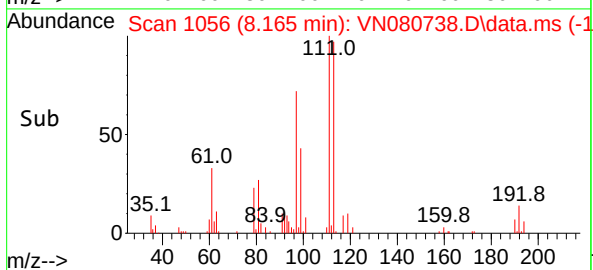
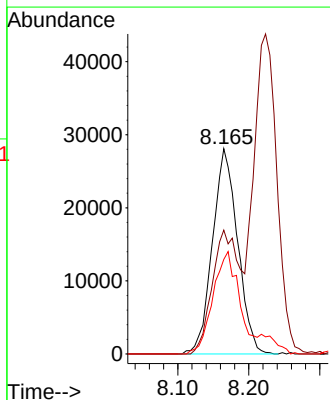
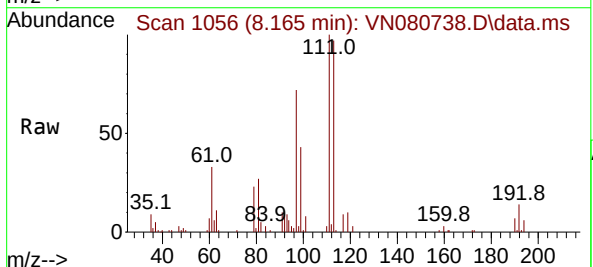
Manual Integrations
APPROVED

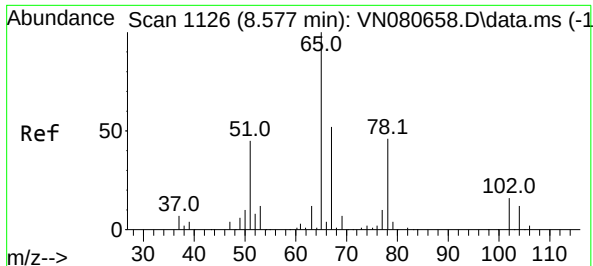
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#32
1,1,1-Trichloroethane
Concen: 18.893 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

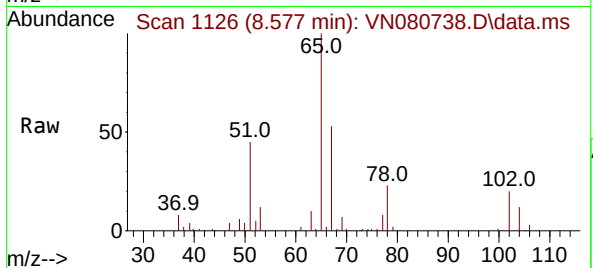
Tgt Ion: 97 Resp: 69023
Ion Ratio Lower Upper
97 100
99 66.6 50.3 75.5
61 52.9 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 48.098 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

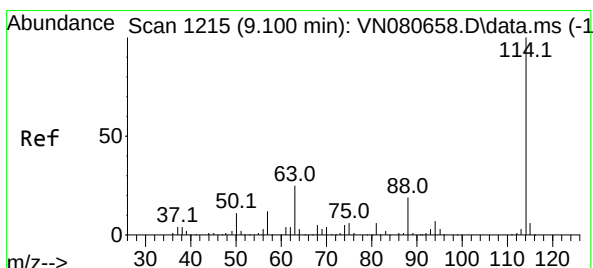
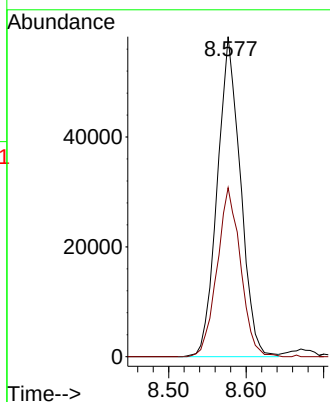
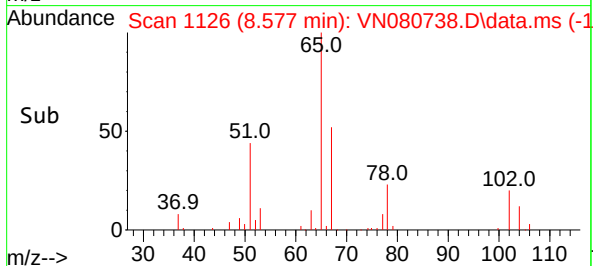
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD02



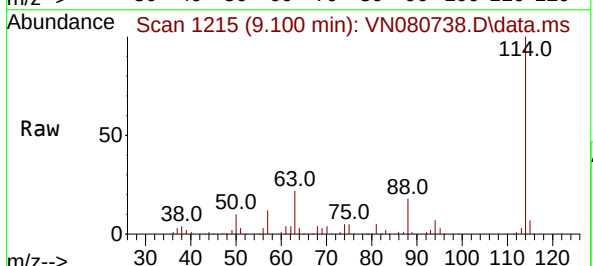
Tgt Ion: 65 Resp: 121038
Ion Ratio Lower Upper
65 100
67 53.6 0.0 106.6

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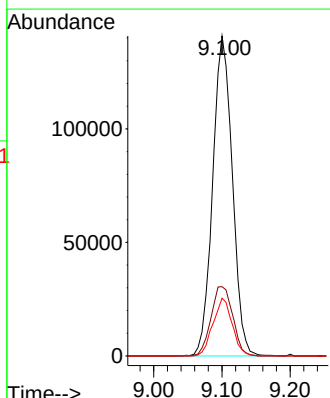
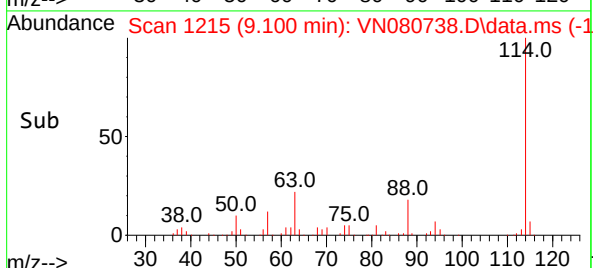
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024

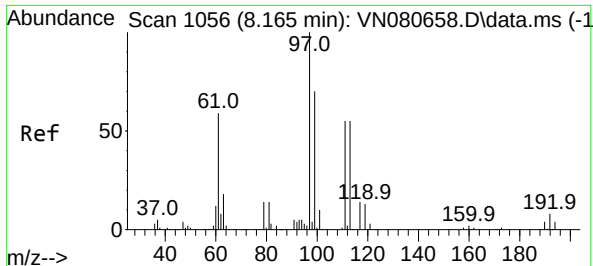


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10



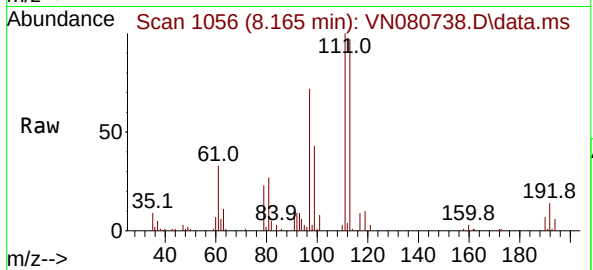
Tgt Ion:114 Resp: 283276
Ion Ratio Lower Upper
114 100
63 21.7 0.0 36.4
88 18.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 54.920 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

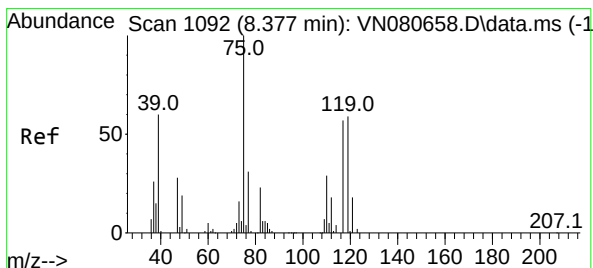
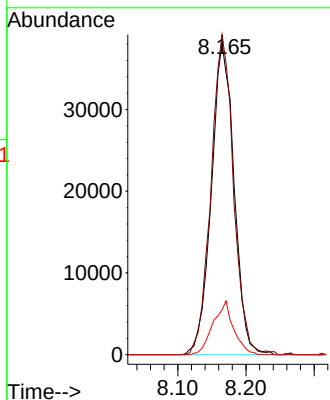
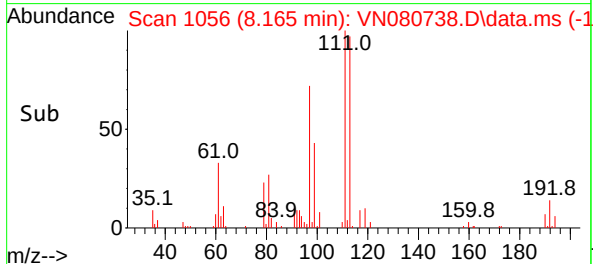
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD02



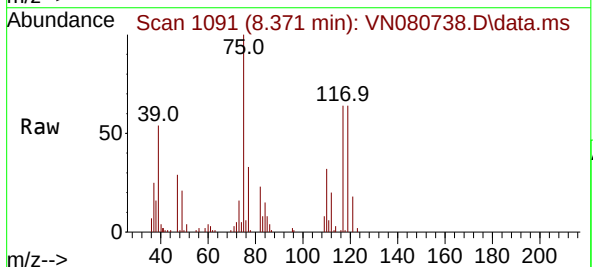
Tgt Ion: 113 Resp: 88394
Ion Ratio Lower Upper
113 100
111 101.6 82.6 123.8
192 15.5 12.7 19.1

Manual Integrations
APPROVED

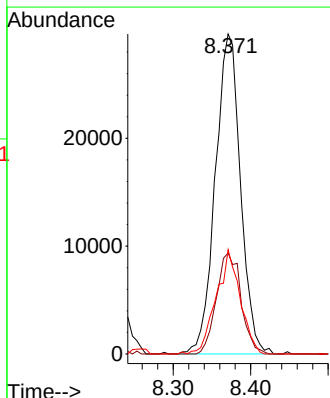
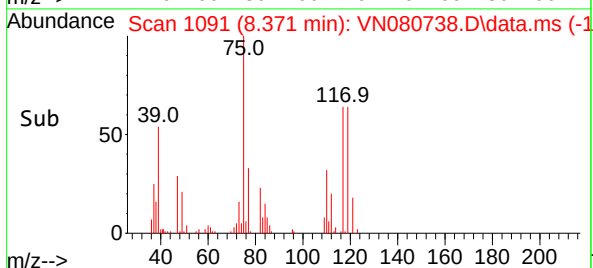
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024

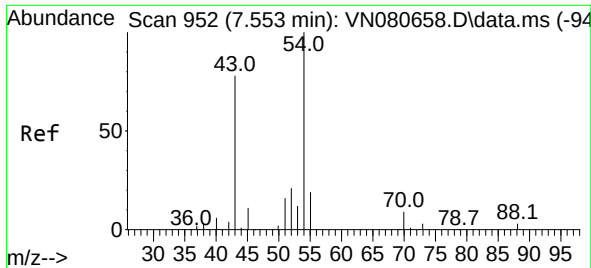


#36
1,1-Dichloropropene
Concen: 20.335 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10



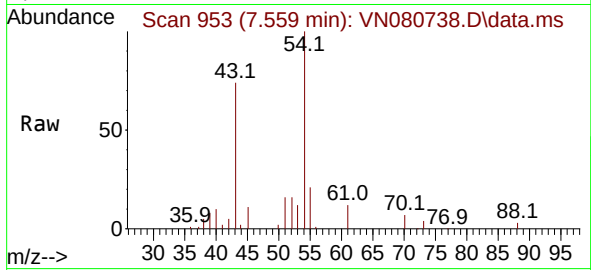
Tgt Ion: 75 Resp: 67043
Ion Ratio Lower Upper
75 100
110 30.9 19.1 57.3
77 30.9 25.0 37.4





#37
Ethyl Acetate
Concen: 19.934 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

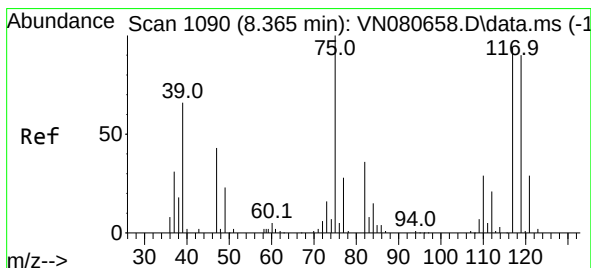
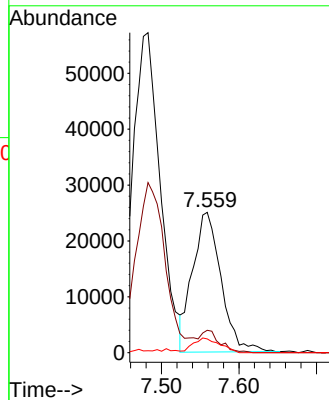
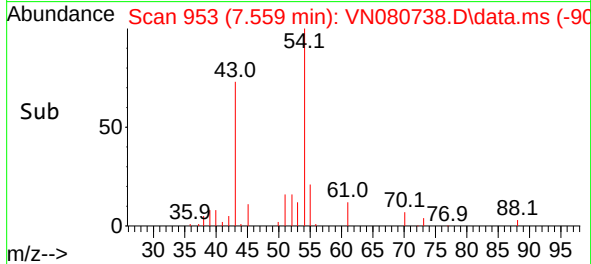
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD02



Tgt Ion: 43 Resp: 63729
Ion Ratio Lower Upper
43 100
61 10.1 13.2 19.8
70 9.8 11.3 16.9

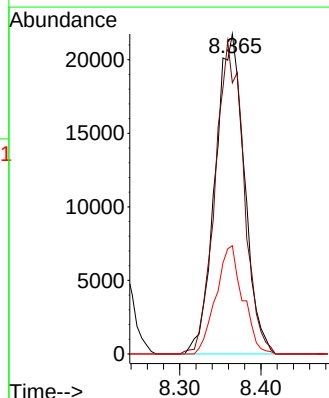
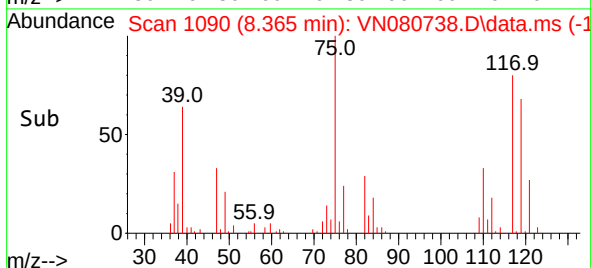
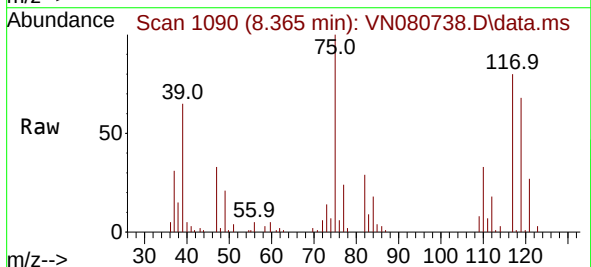
Manual Integrations
APPROVED

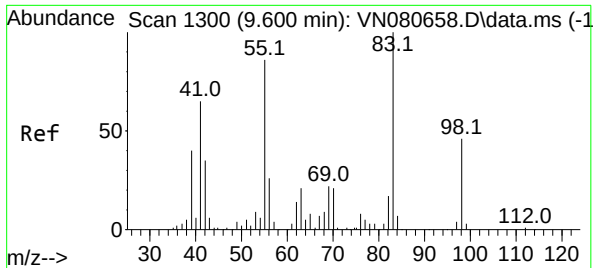
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#38
Carbon Tetrachloride
Concen: 18.311 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

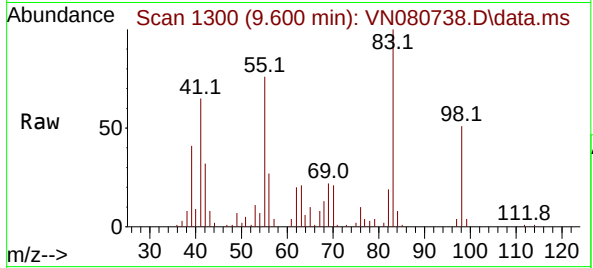
Tgt Ion:117 Resp: 54205
Ion Ratio Lower Upper
117 100
119 84.7 77.3 115.9
121 33.8 23.3 34.9





#39
Methylcyclohexane
Concen: 20.653 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

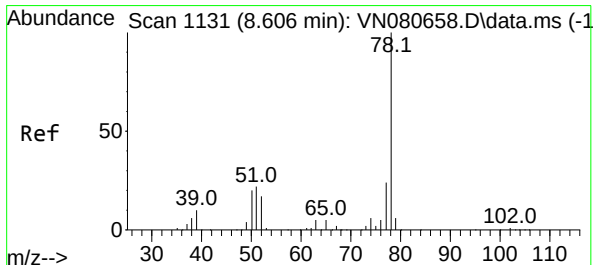
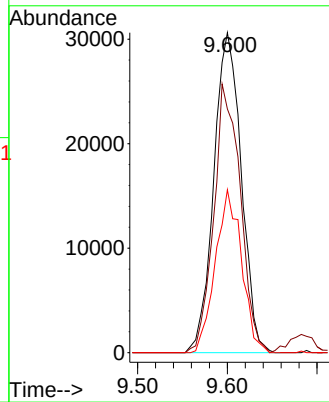
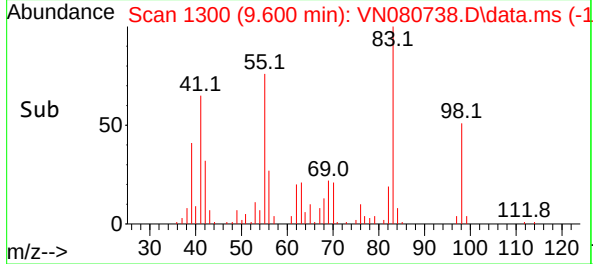
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD02



Tgt Ion: 83 Resp: 6516
Ion Ratio Lower Upper
83 100
55 76.2 49.1 73.7
98 50.9 40.6 61.0

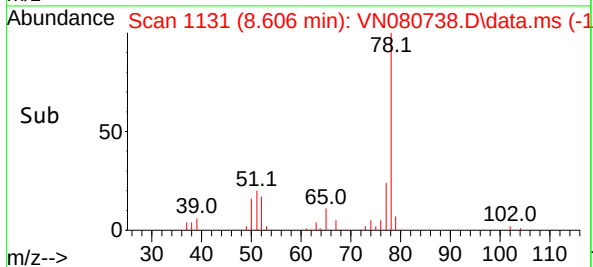
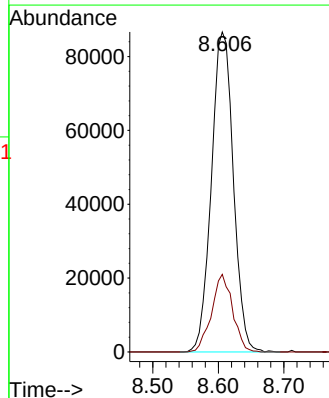
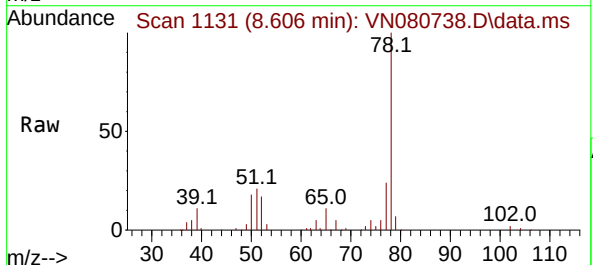
Manual Integrations
APPROVED

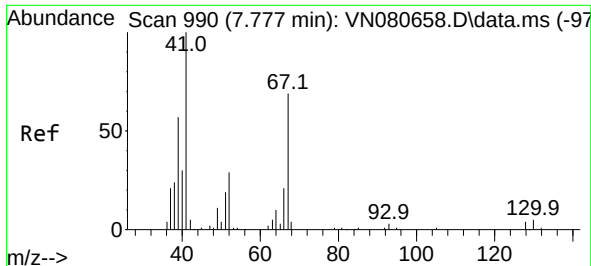
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#40
Benzene
Concen: 21.705 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

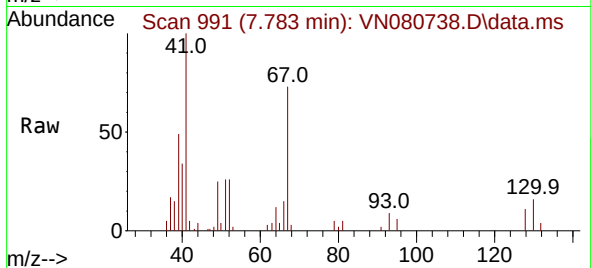
Tgt Ion: 78 Resp: 201168
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.6





#41
Methacrylonitrile
Concen: 20.389 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

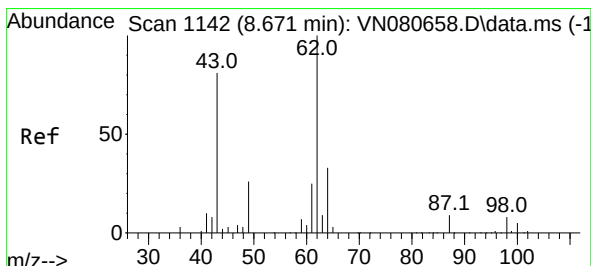
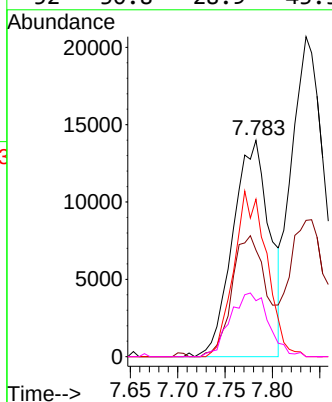
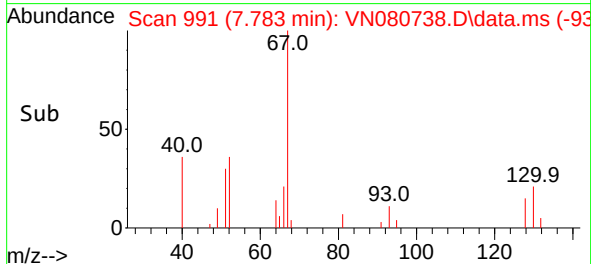
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD02



Tgt Ion: 41 Resp: 37810
Ion Ratio Lower Upper
41 100
39 49.9 42.6 64.0
67 68.3 77.5 116.3
52 30.8 28.9 43.3

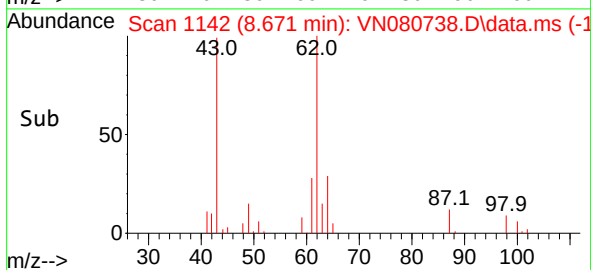
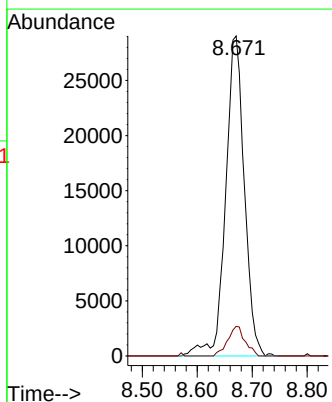
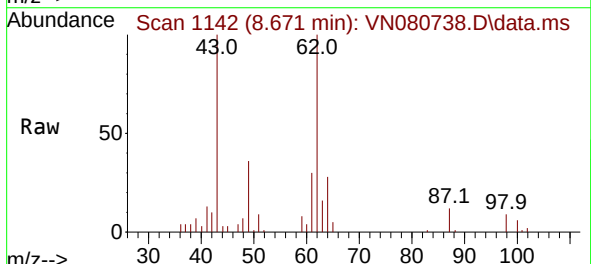
Manual Integrations
APPROVED

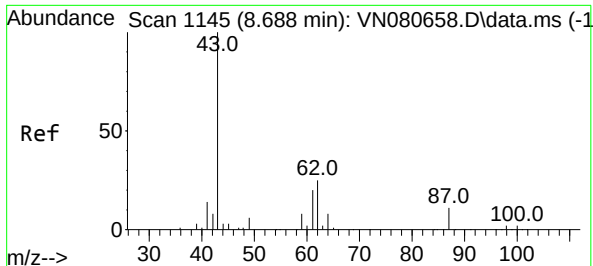
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#42
1,2-Dichloroethane
Concen: 19.350 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

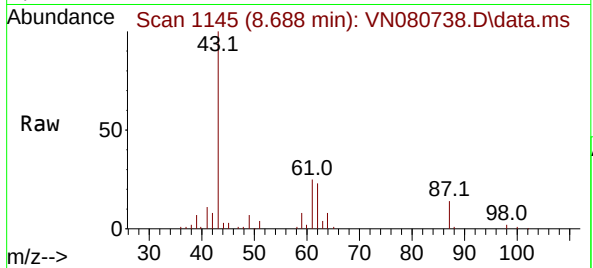
Tgt Ion: 62 Resp: 68658
Ion Ratio Lower Upper
62 100
98 8.6 0.0 19.8





#43
Isopropyl Acetate
Concen: 19.752 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

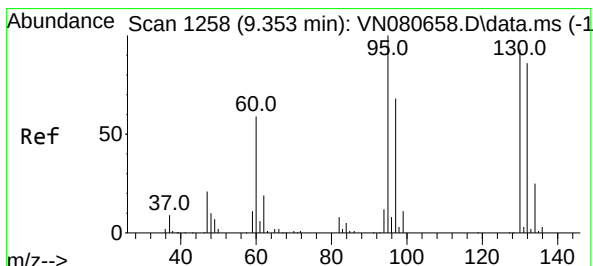
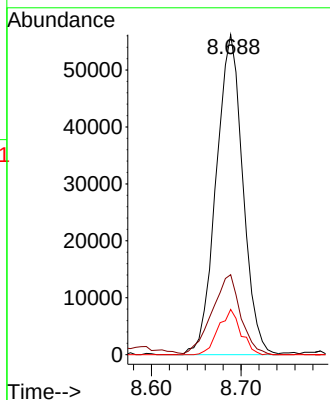
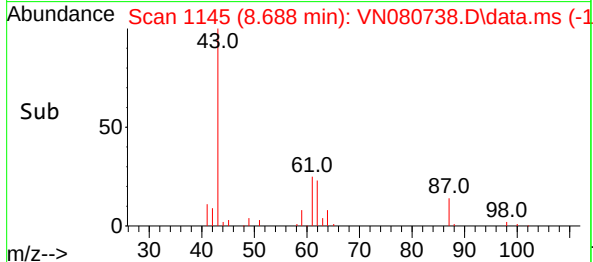
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD02



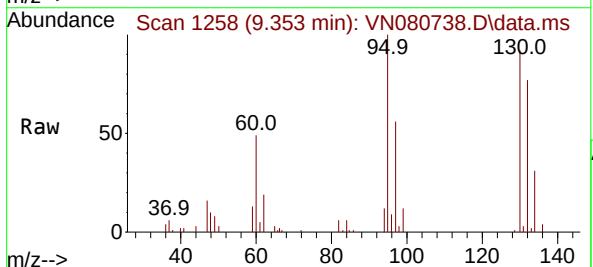
Tgt Ion: 43 Resp: 116079
Ion Ratio Lower Upper
43 100
61 26.7 24.7 37.1
87 11.9 14.6 21.8

Manual Integrations
APPROVED

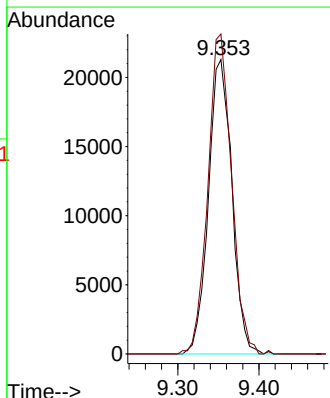
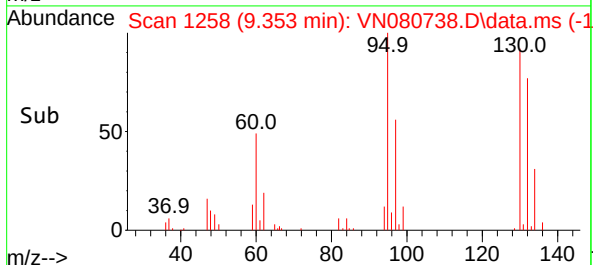
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024

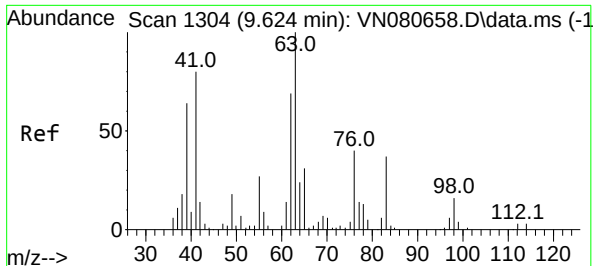


#44
Trichloroethene
Concen: 20.404 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10



Tgt Ion:130 Resp: 42813
Ion Ratio Lower Upper
130 100
95 108.7 0.0 204.6





#45

1,2-Dichloropropane

Concen: 22.743 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN080738.D

Acq: 22 Jan 2024 15:10

Instrument :

MSVOA_N

ClientSampleId :

VN0122WBSD02

Tgt Ion: 63 Resp: 5588

Ion Ratio Lower Upper

63 100

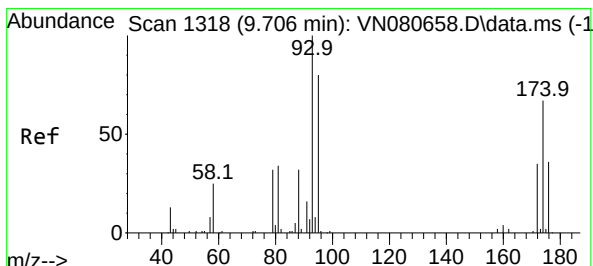
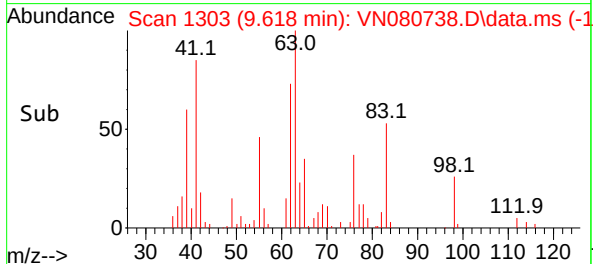
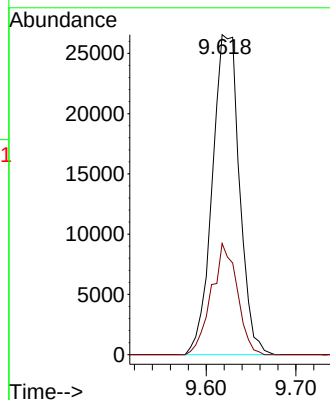
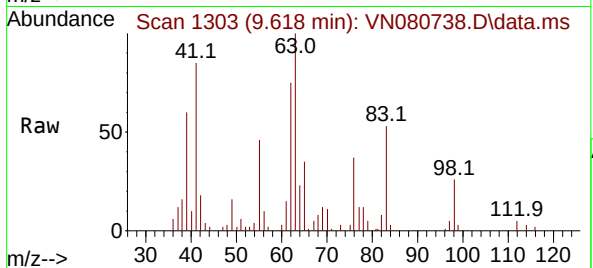
65 34.8 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2024

Supervised By :Mahesh Dadoda 01/23/2024



#46

Dibromomethane

Concen: 20.117 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN080738.D

Acq: 22 Jan 2024 15:10

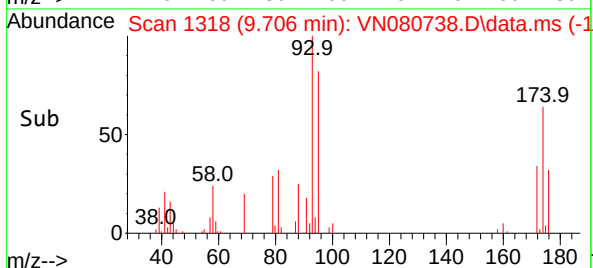
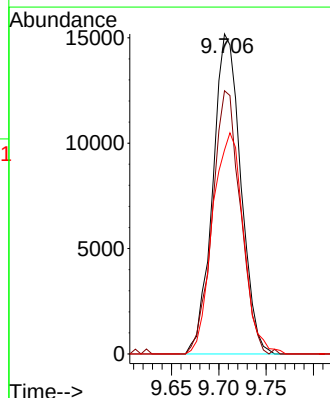
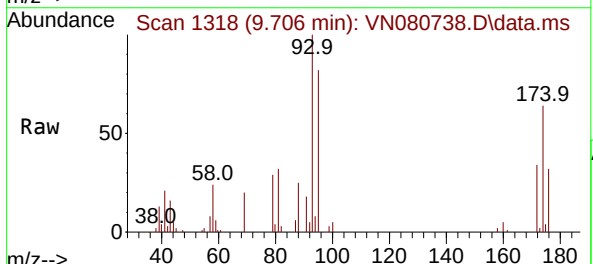
Tgt Ion: 93 Resp: 31274

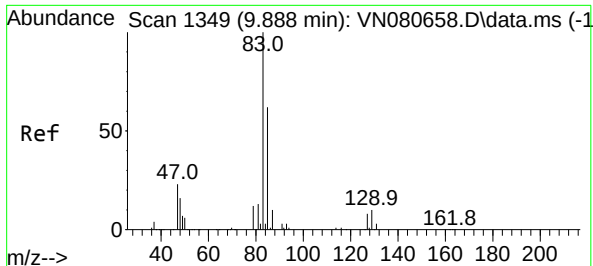
Ion Ratio Lower Upper

93 100

95 82.1 63.8 95.8

174 76.2 65.6 98.4





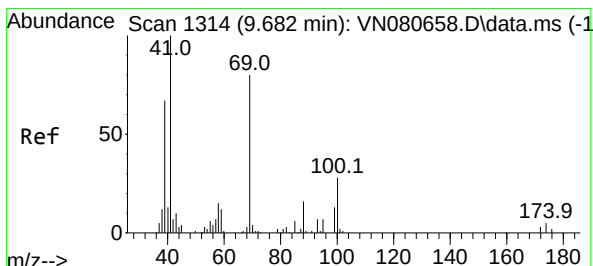
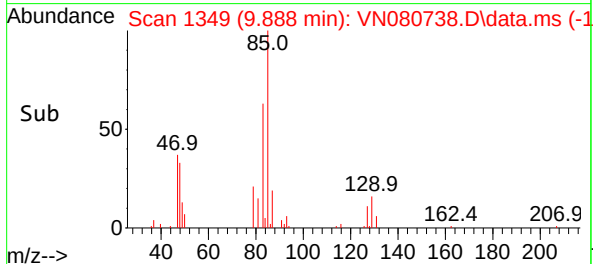
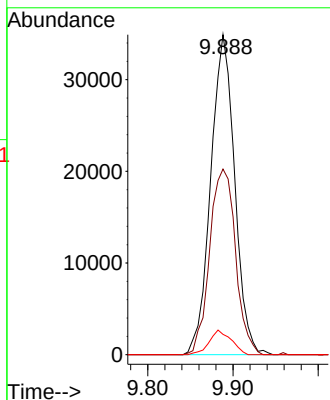
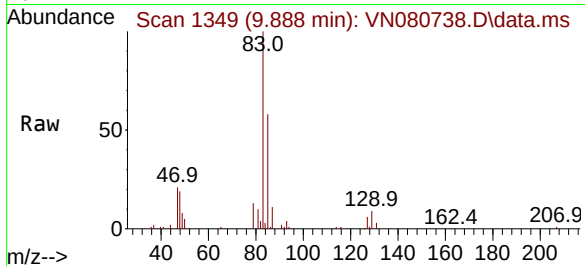
#47
Bromodichloromethane
Concen: 19.774 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD02

Tgt Ion: 83 Resp: 68232
Ion Ratio Lower Upper
83 100
85 58.0 49.6 74.4
127 6.4 7.0 10.6

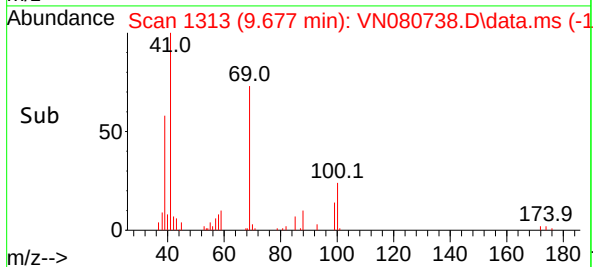
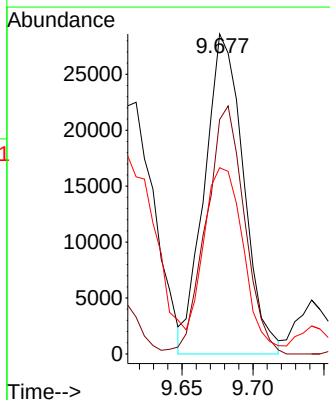
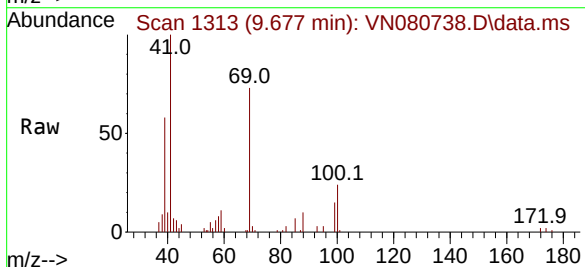
Manual Integrations
APPROVED

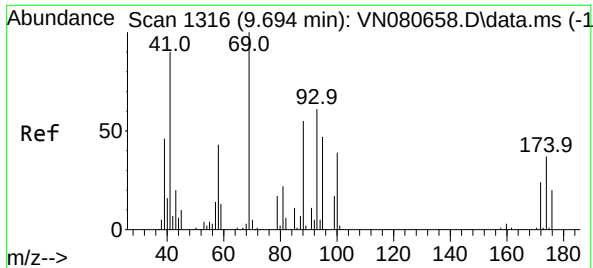
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#48
Methyl methacrylate
Concen: 19.584 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

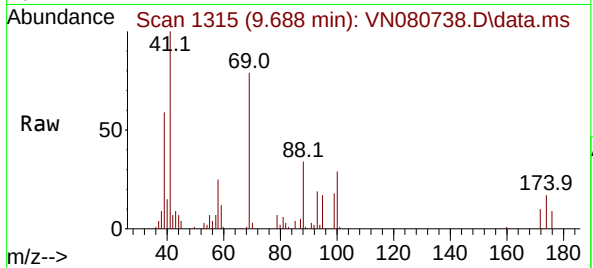
Tgt Ion: 41 Resp: 54488
Ion Ratio Lower Upper
41 100
69 76.2 90.4 135.6#
39 60.4 54.6 81.8





#49
1,4-Dioxane
Concen: 389.097 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

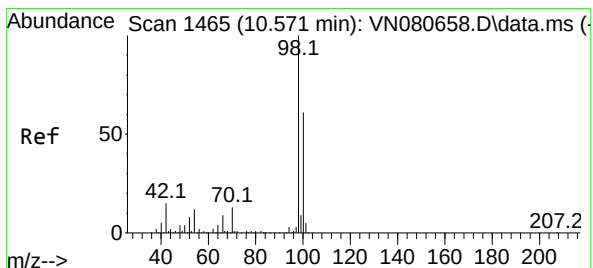
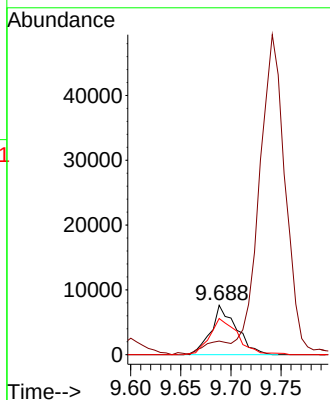
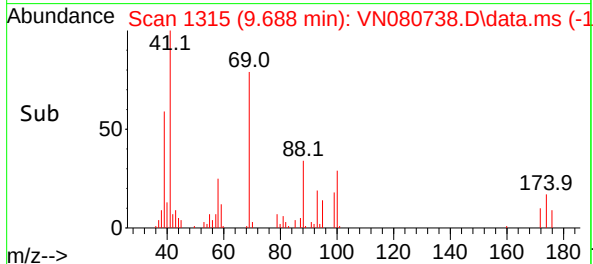
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD02



Tgt Ion: 88 Resp: 13489
Ion Ratio Lower Upper
88 100
43 30.5 17.0 25.6
58 81.3 47.0 70.4

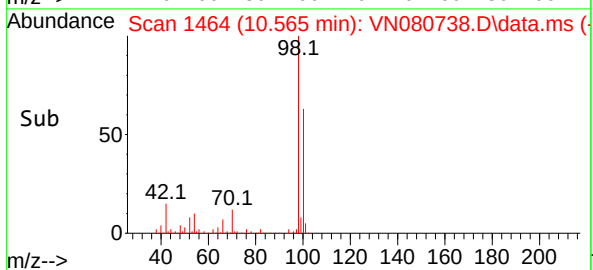
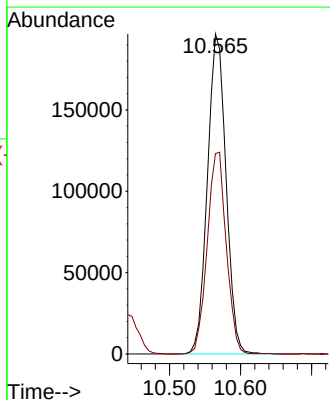
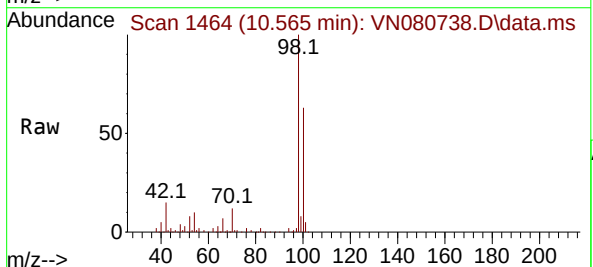
Manual Integrations
APPROVED

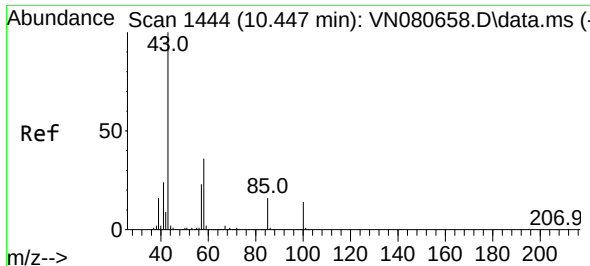
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#50
Toluene-d8
Concen: 58.273 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

Tgt Ion: 98 Resp: 357628
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0





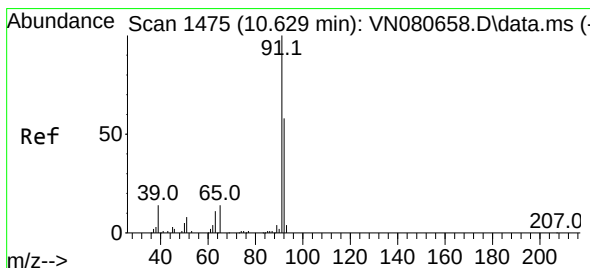
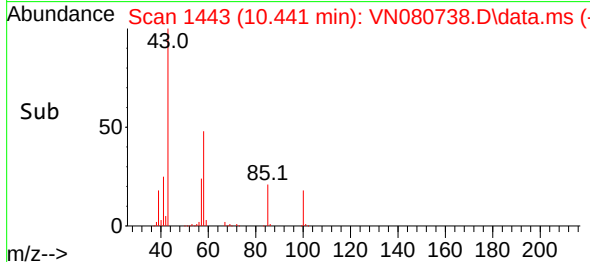
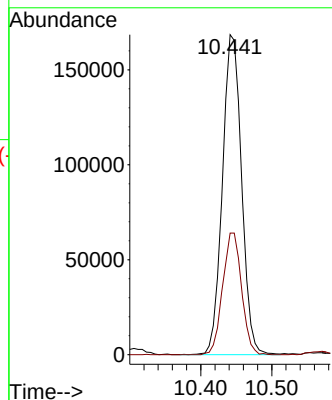
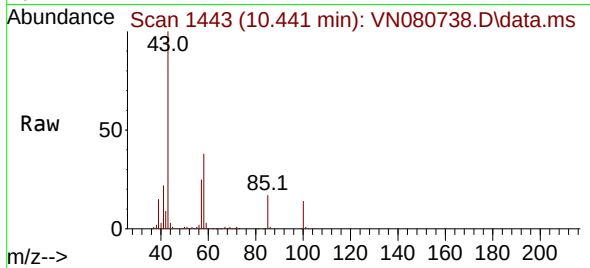
#51
4-Methyl-2-Pentanone
Concen: 99.497 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD02

Tgt Ion: 43 Resp: 31544
Ion Ratio Lower Upper
43 100
58 37.5 36.6 54.8

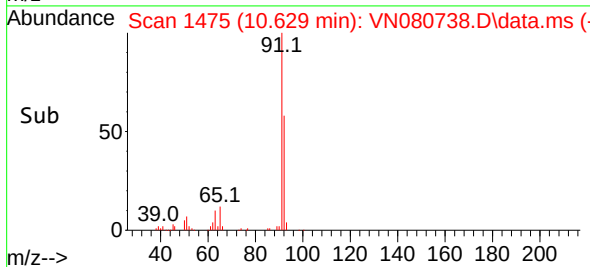
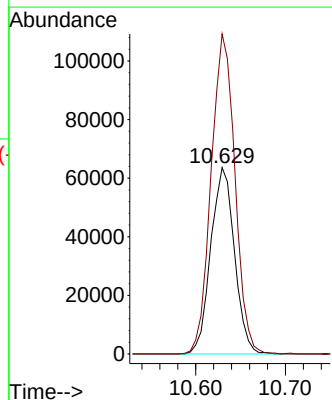
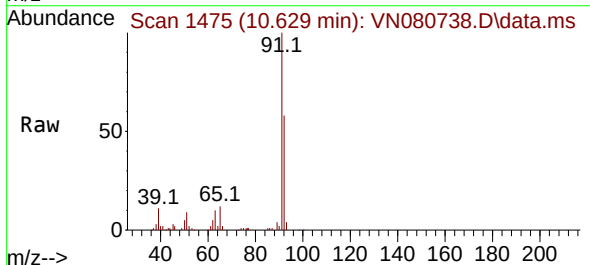
Manual Integrations
APPROVED

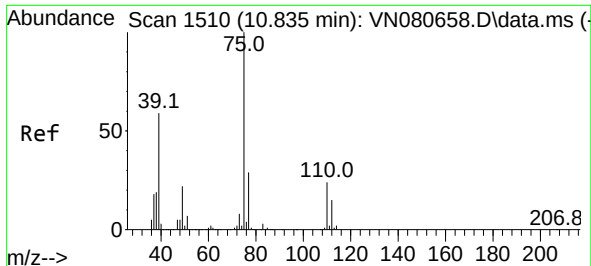
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#52
Toluene
Concen: 21.964 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

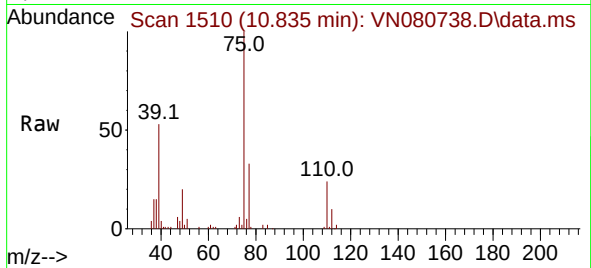
Tgt Ion: 92 Resp: 116634
Ion Ratio Lower Upper
92 100
91 172.5 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 20.167 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

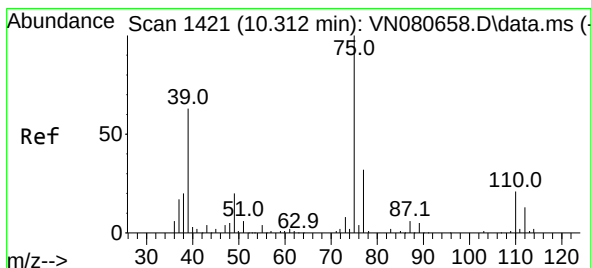
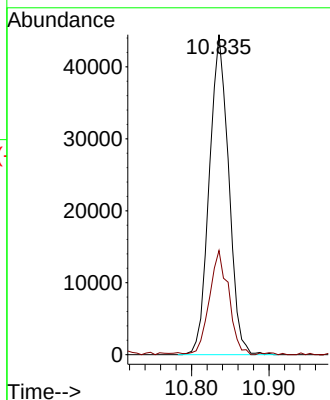
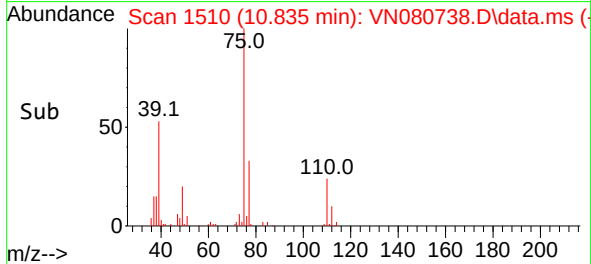
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD02



Tgt Ion: 75 Resp: 77240
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0

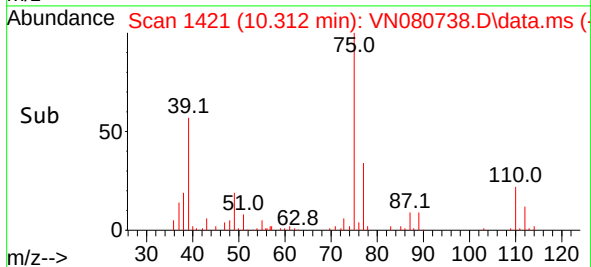
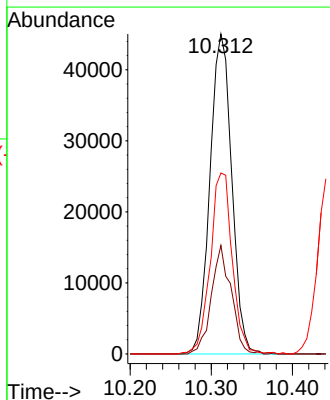
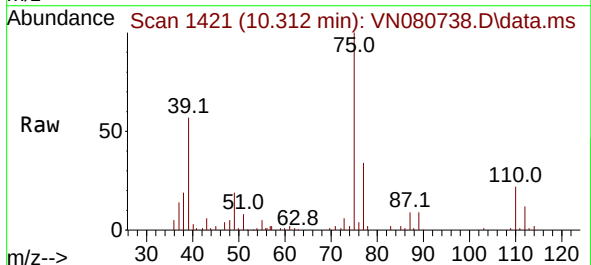
Manual Integrations
APPROVED

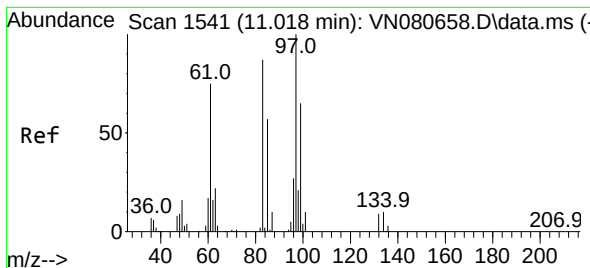
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#54
cis-1,3-Dichloropropene
Concen: 20.701 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

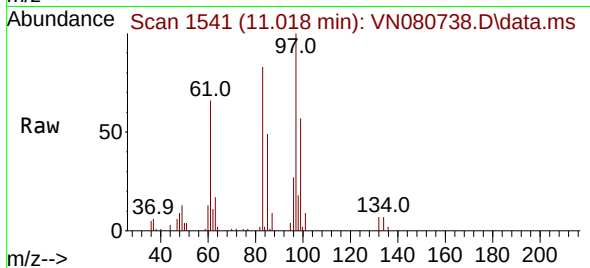
Tgt Ion: 75 Resp: 84078
Ion Ratio Lower Upper
75 100
77 33.9 26.1 39.1
39 56.5 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 21.735 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

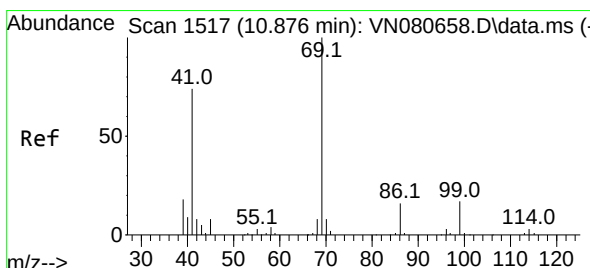
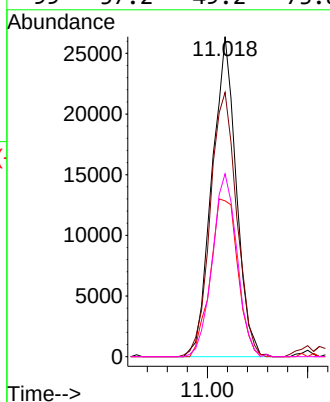
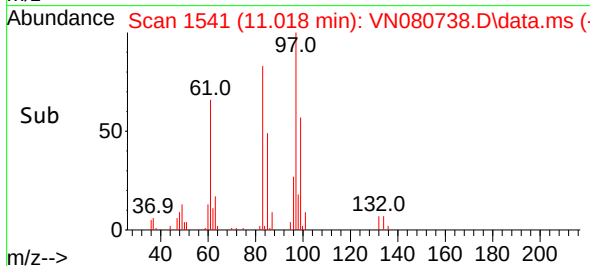
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD02



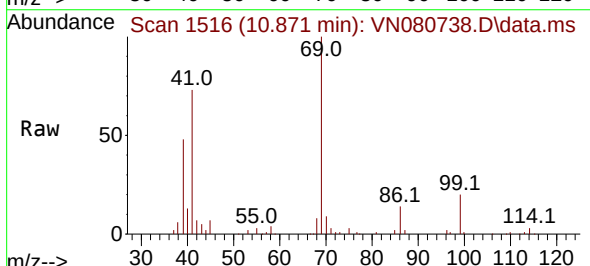
Tgt Ion: 97	Resp: 44420
Ion Ratio	Lower Upper
97 100	
83 82.6	65.1 97.7
85 48.7	43.4 65.2
99 57.2	49.2 73.8

Manual Integrations
APPROVED

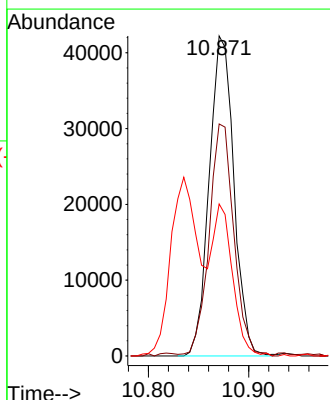
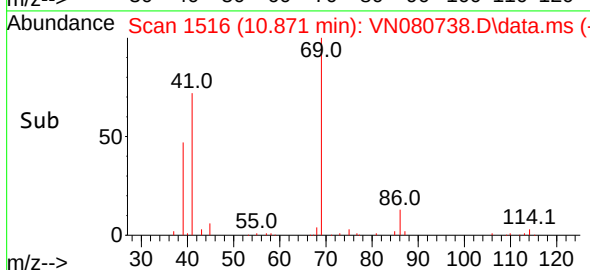
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024

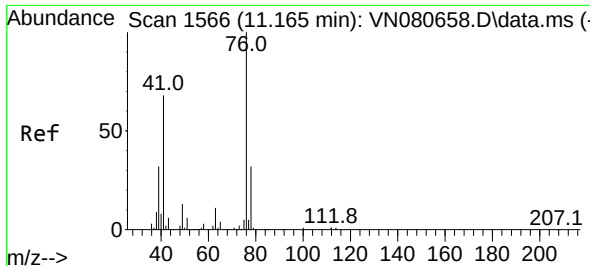


#56
Ethyl methacrylate
Concen: 19.690 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10



Tgt Ion: 69	Resp: 72086
Ion Ratio	Lower Upper
69 100	
41 72.7	39.6 59.4
39 38.1	28.6 43.0





#57

1,3-Dichloropropane

Concen: 22.122 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN080738.D

Acq: 22 Jan 2024 15:10

Instrument :

MSVOA_N

ClientSampleId :

VN0122WBSD02

Tgt Ion: 76 Resp: 82548

Ion Ratio Lower Upper

76 100

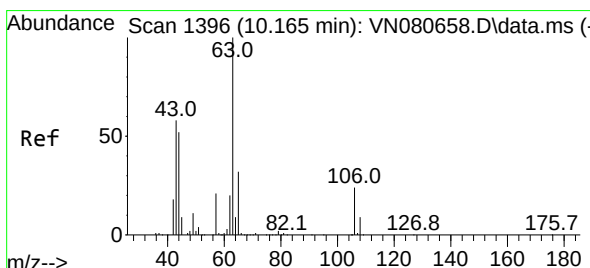
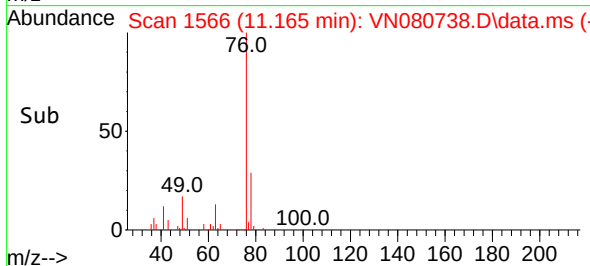
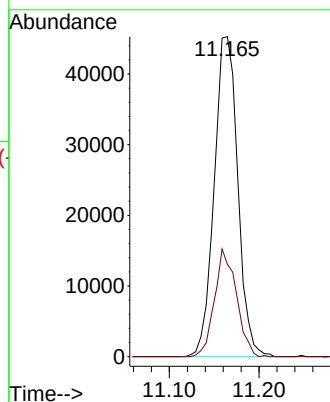
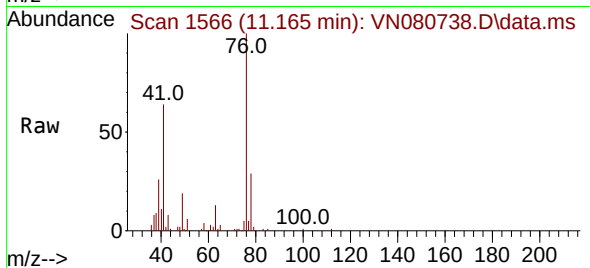
78 31.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2024

Supervised By :Mahesh Dadoda 01/23/2024



#58

2-Chloroethyl Vinyl ether

Concen: 94.843 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN080738.D

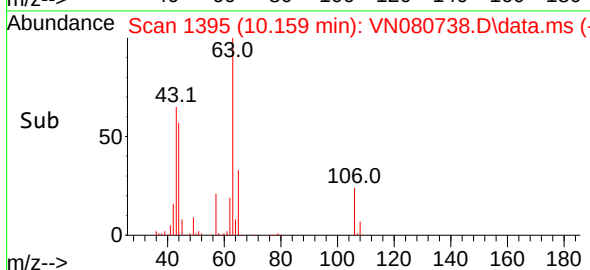
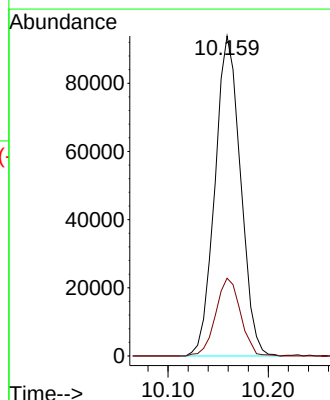
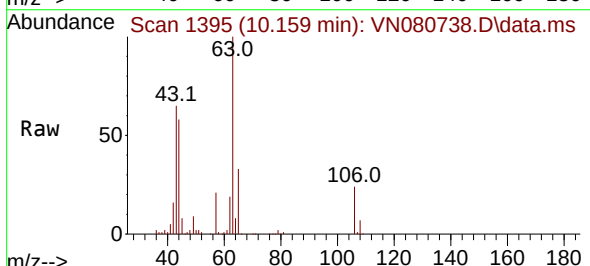
Acq: 22 Jan 2024 15:10

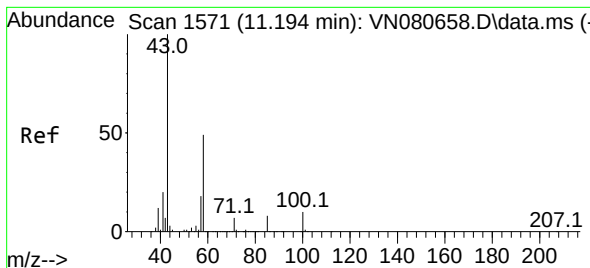
Tgt Ion: 63 Resp: 166307

Ion Ratio Lower Upper

63 100

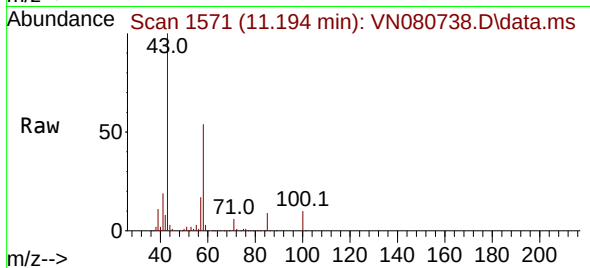
106 23.5 26.2 39.4#





#59
2-Hexanone
Concen: 100.595 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

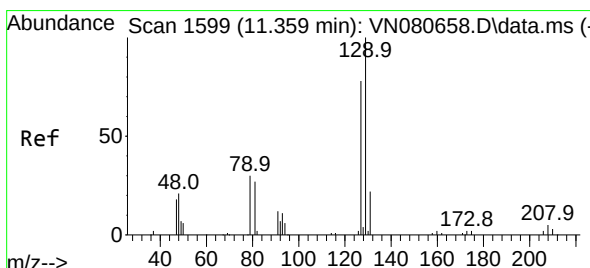
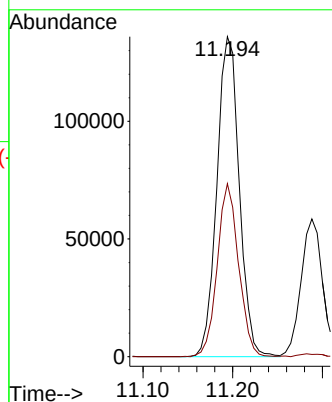
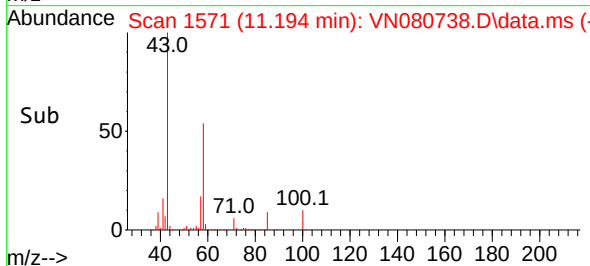
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD02



Tgt Ion: 43 Resp: 235434
Ion Ratio Lower Upper
43 100
58 51.5 31.7 95.1

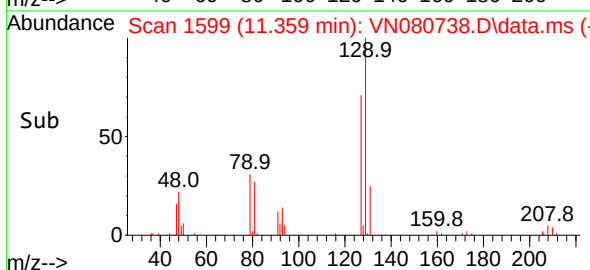
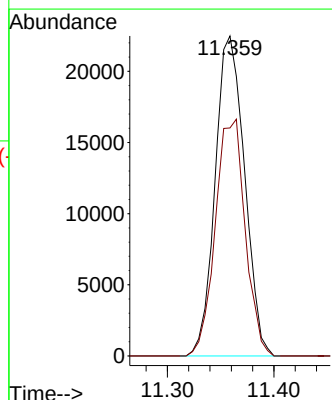
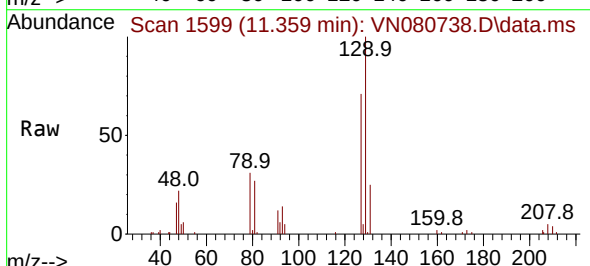
Manual Integrations
APPROVED

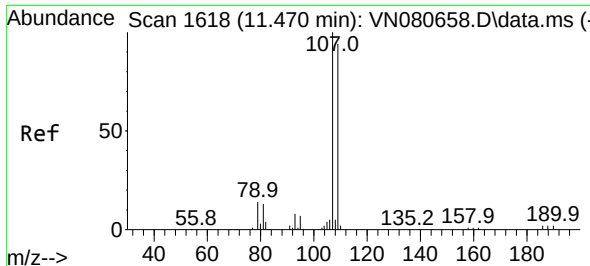
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#60
Dibromochloromethane
Concen: 20.511 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

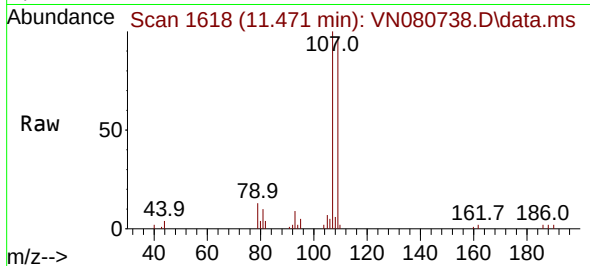
Tgt Ion:129 Resp: 43087
Ion Ratio Lower Upper
129 100
127 75.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.644 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

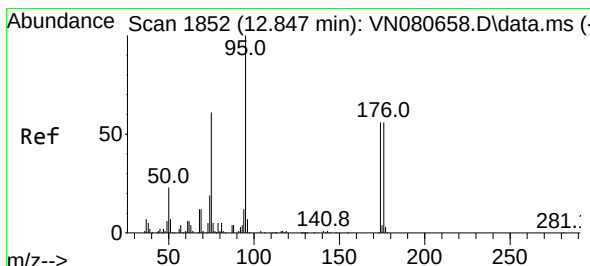
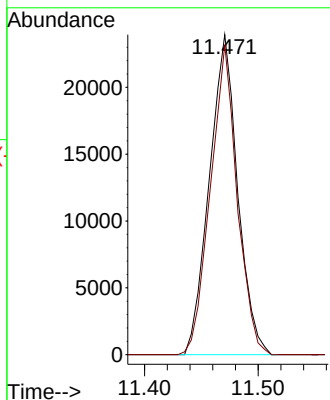
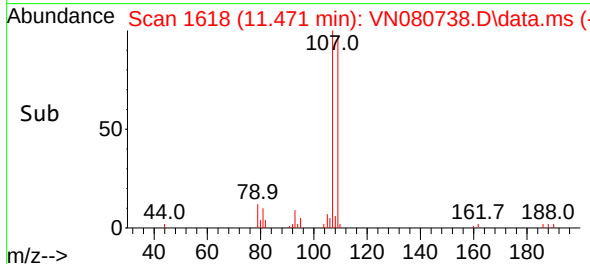
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD02



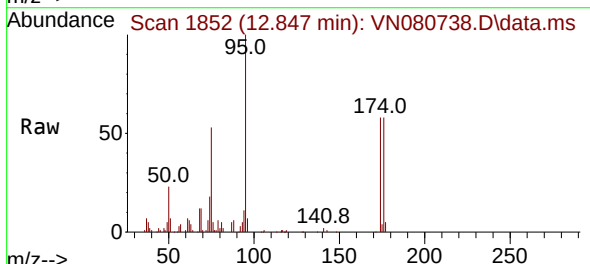
Tgt Ion:107 Resp: 41479
Ion Ratio Lower Upper
107 100
109 91.2 76.6 114.8

Manual Integrations
APPROVED

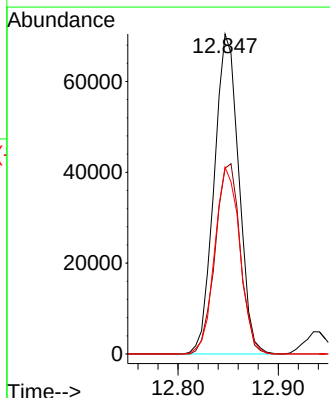
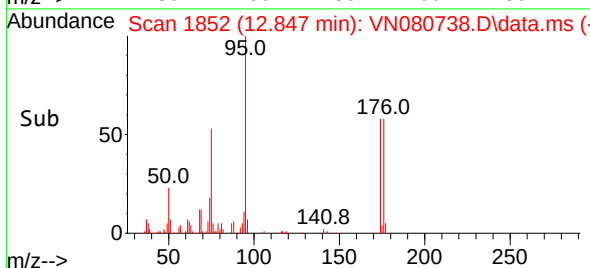
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024

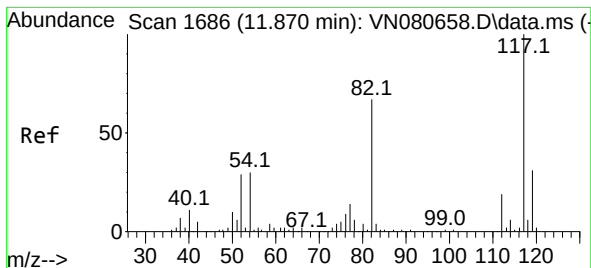


#62
4-Bromofluorobenzene
Concen: 51.032 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10



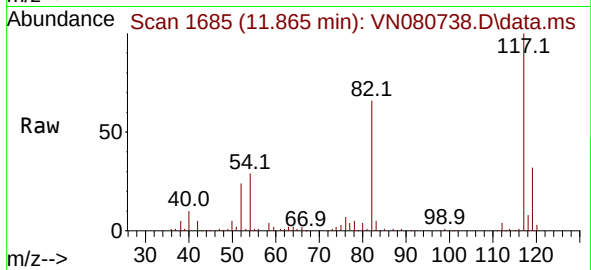
Tgt Ion: 95 Resp: 120101
Ion Ratio Lower Upper
95 100
174 60.5 0.0 143.8
176 59.7 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

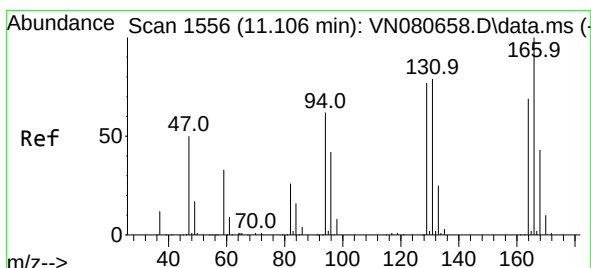
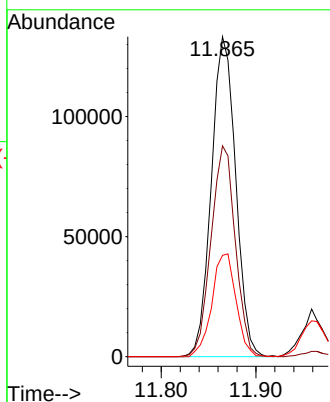
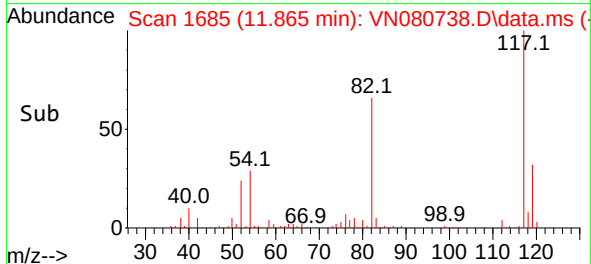
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD02



Tgt Ion:117 Resp: 237978
Ion Ratio Lower Upper
117 100
82 65.9 44.0 66.0
119 31.7 25.6 38.4

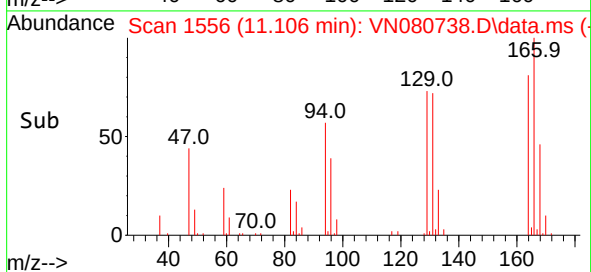
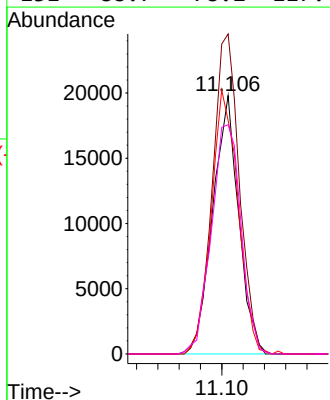
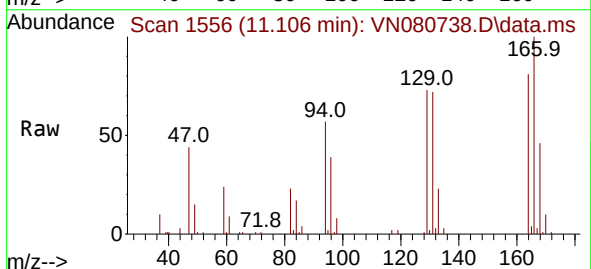
Manual Integrations
APPROVED

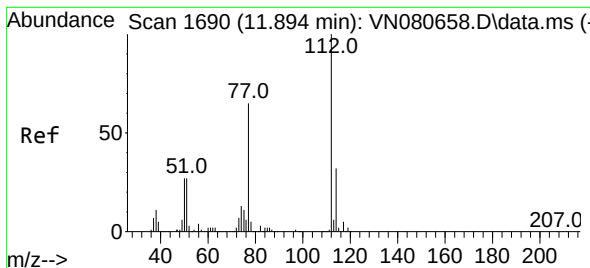
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#64
Tetrachloroethene
Concen: 20.476 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

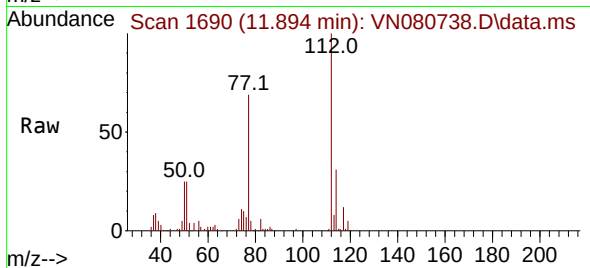
Tgt Ion:164 Resp: 33463
Ion Ratio Lower Upper
164 100
166 123.8 101.4 152.0
129 90.3 82.4 123.6
131 88.7 78.2 117.4





#65
Chlorobenzene
Concen: 20.990 ug/l
RT: 11.894 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

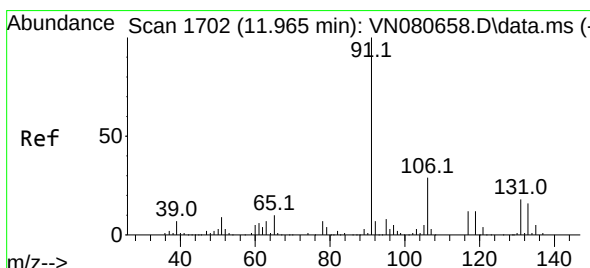
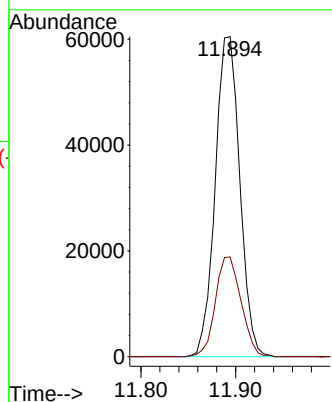
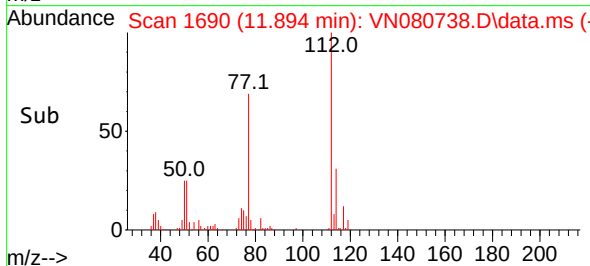
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD02



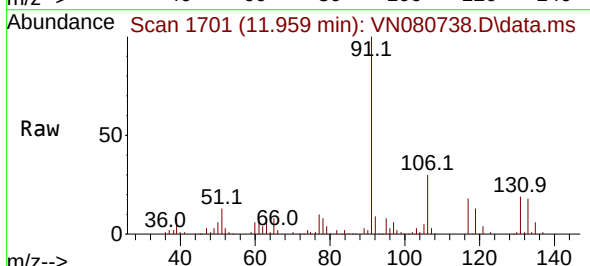
Tgt Ion:112 Resp: 109135
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.4

Manual Integrations
APPROVED

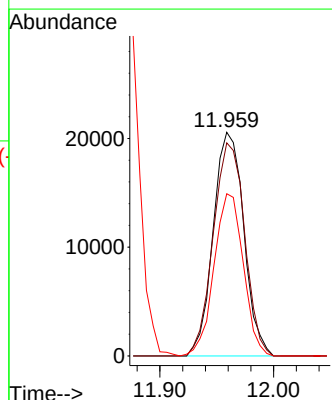
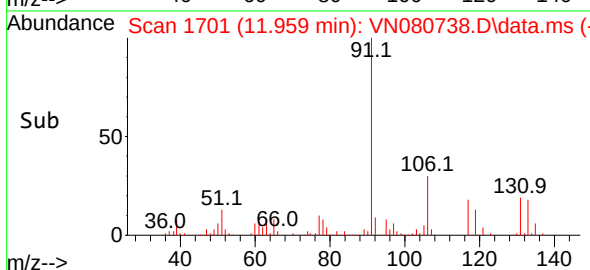
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024

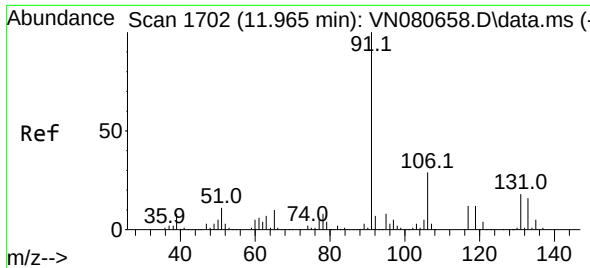


#66
1,1,1,2-Tetrachloroethane
Concen: 20.832 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10



Tgt Ion:131 Resp: 38455
Ion Ratio Lower Upper
131 100
133 98.0 46.4 139.1
119 69.4 34.1 102.2





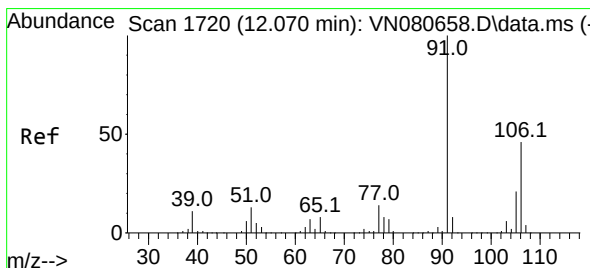
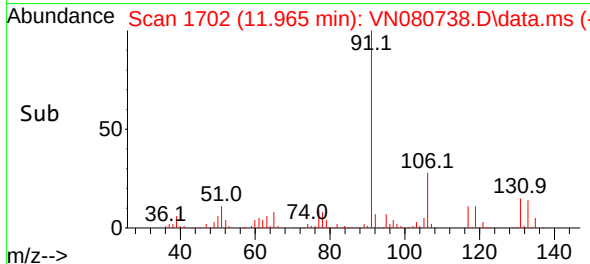
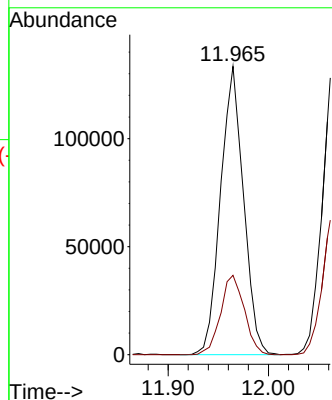
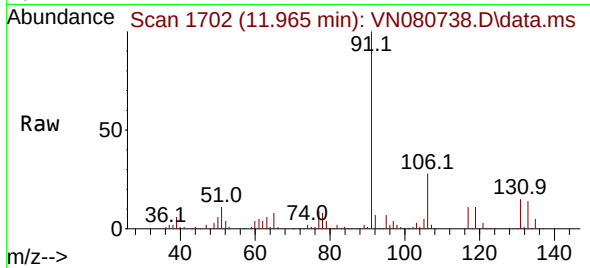
#67
Ethyl Benzene
Concen: 21.362 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD02

Tgt Ion: 91 Resp: 212089
Ion Ratio Lower Upper
91 100
106 27.5 25.6 38.4

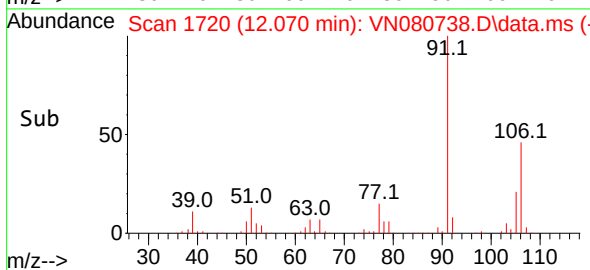
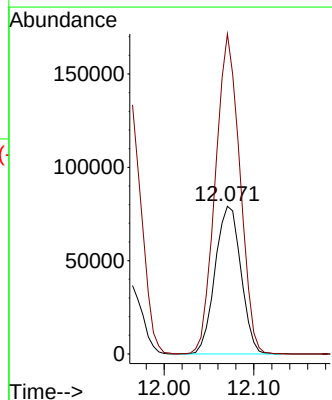
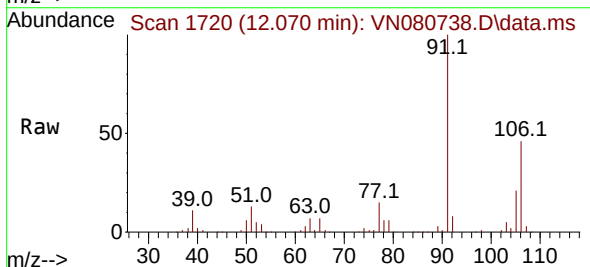
Manual Integrations
APPROVED

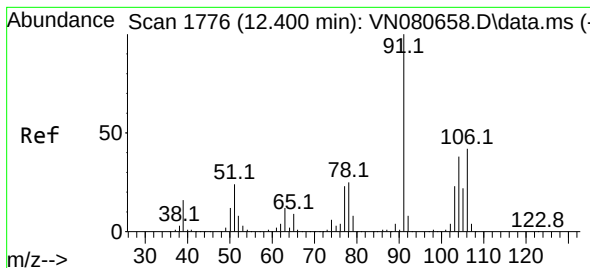
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#68
m/p-Xylenes
Concen: 45.311 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

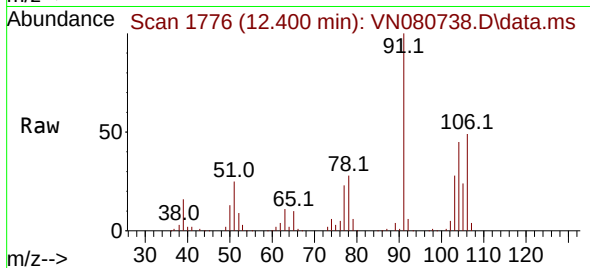
Tgt Ion:106 Resp: 158155
Ion Ratio Lower Upper
106 100
91 205.8 159.6 239.4





#69
o-Xylene
Concen: 22.341 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

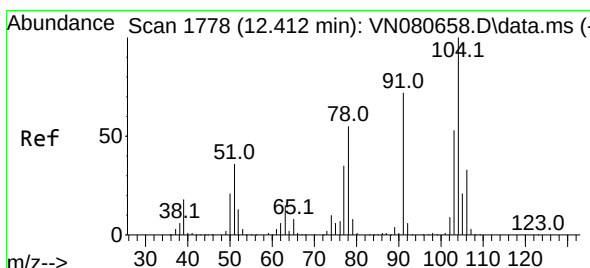
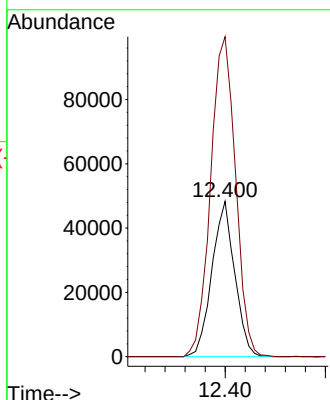
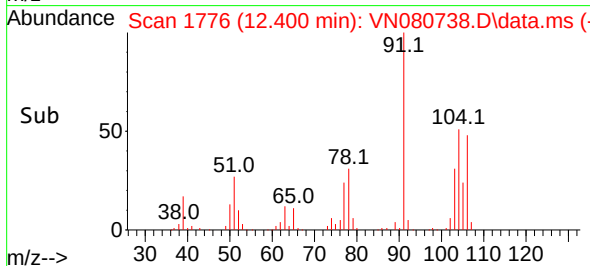
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD02



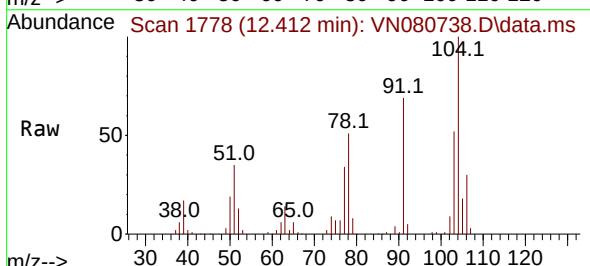
Tgt Ion:106 Resp: 76240
Ion Ratio Lower Upper
106 100
91 225.0 105.2 315.5

Manual Integrations
APPROVED

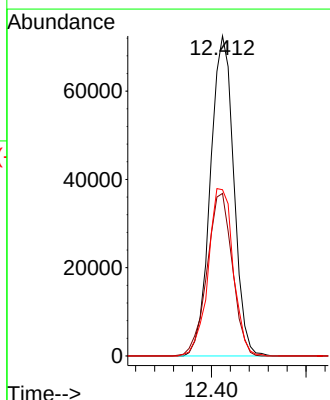
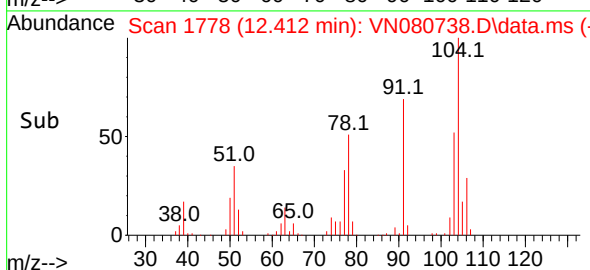
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024

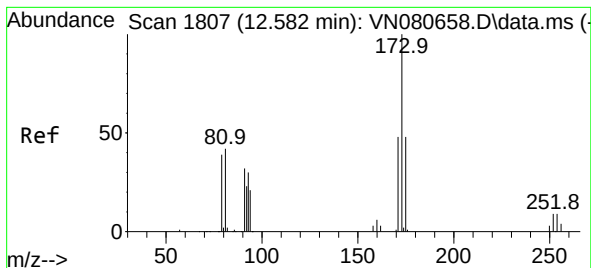


#70
Styrene
Concen: 21.415 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10



Tgt Ion:104 Resp: 124108
Ion Ratio Lower Upper
104 100
78 54.9 39.5 59.3
103 55.9 43.2 64.8





#71

Bromoform

Concen: 20.080 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080738.D

Acq: 22 Jan 2024 15:10

Instrument :

MSVOA_N

ClientSampleId :

VN0122WBSD02

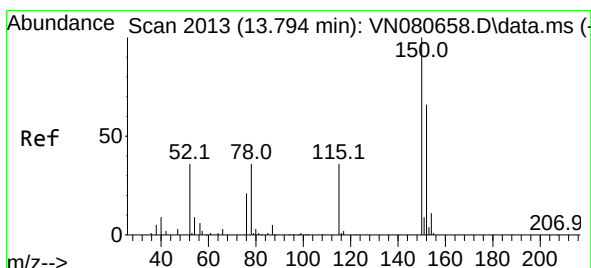
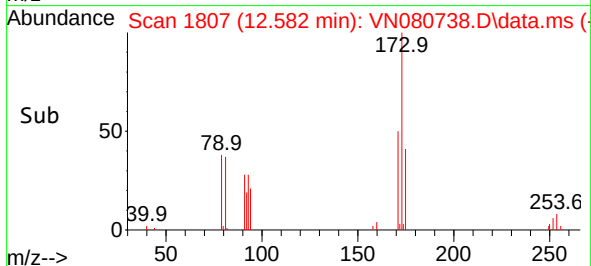
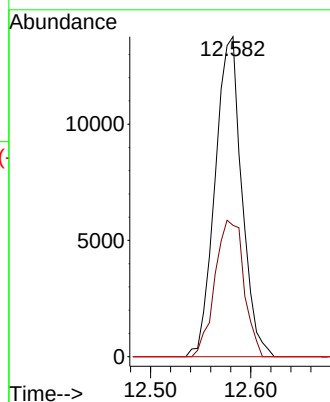
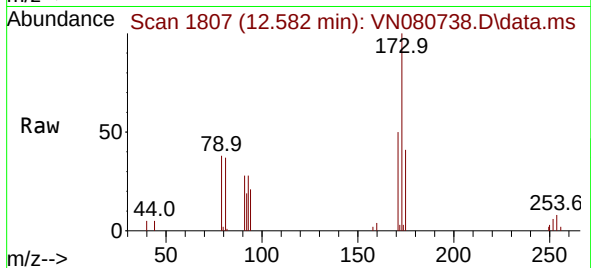
Tgt Ion:173 Resp: 2550
 Ion Ratio Lower Upper
 173 100
 175 45.9 24.3 73.0
 254 0.0 0.0 0.0

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

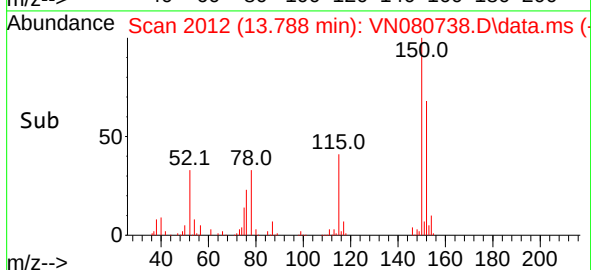
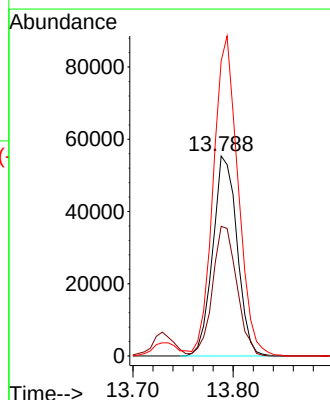
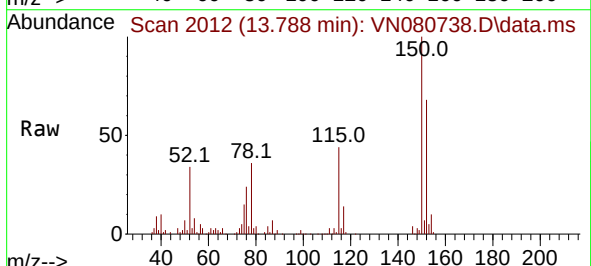
RT: 13.788 min Scan# 2012

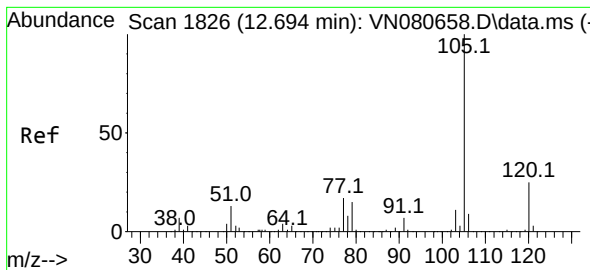
Delta R.T. -0.006 min

Lab File: VN080738.D

Acq: 22 Jan 2024 15:10

Tgt Ion:152 Resp: 93200
 Ion Ratio Lower Upper
 152 100
 115 65.2 32.3 96.8
 150 162.6 0.0 355.8





#73

Isopropylbenzene

Concen: 20.556 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN080738.D

Acq: 22 Jan 2024 15:10

Instrument :

MSVOA_N

ClientSampleId :

VN0122WBSD02

Tgt Ion:105 Resp: 182170

Ion Ratio Lower Upper

105 100

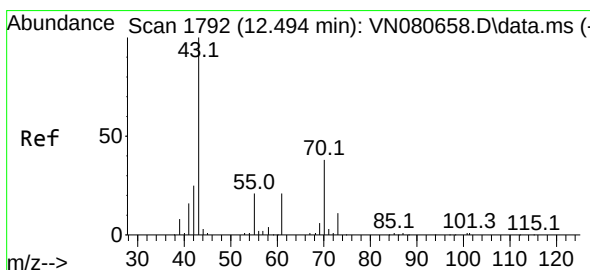
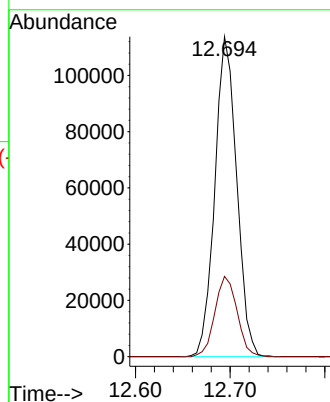
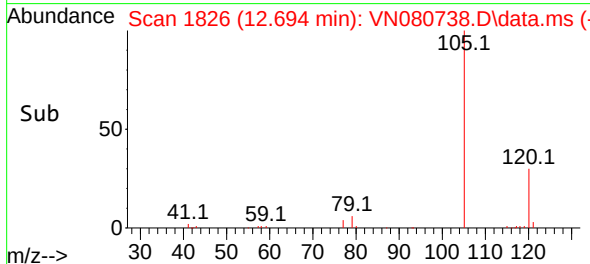
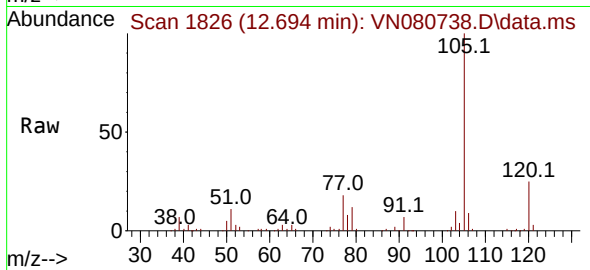
120 25.5 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2024

Supervised By :Mahesh Dadoda 01/23/2024



#74

N-ethyl acetate

Concen: 19.310 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN080738.D

Acq: 22 Jan 2024 15:10

Tgt Ion: 43 Resp: 102703

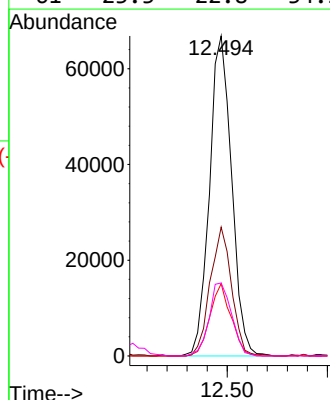
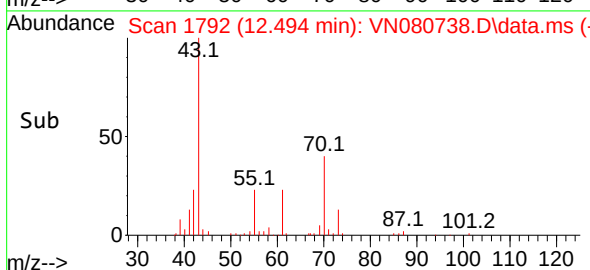
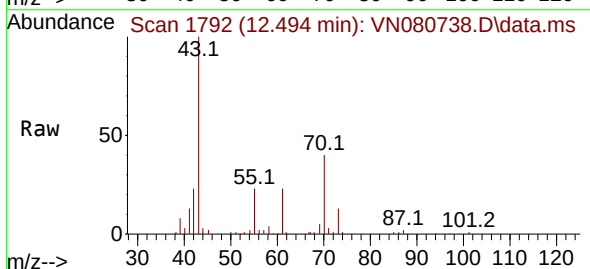
Ion Ratio Lower Upper

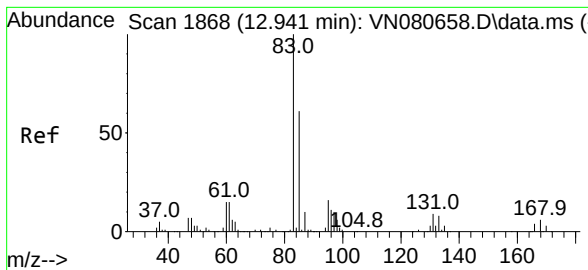
43 100

70 38.9 43.4 65.2#

55 21.6 21.4 32.0

61 23.3 22.8 34.2





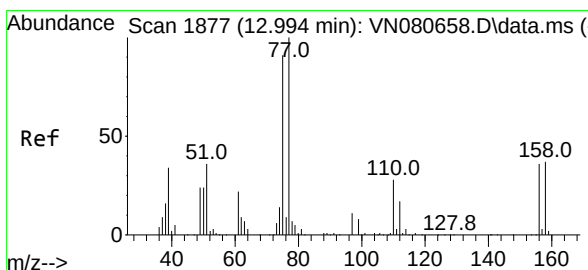
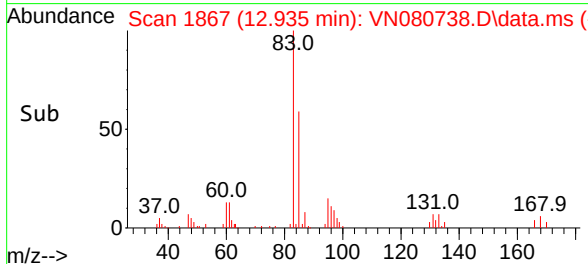
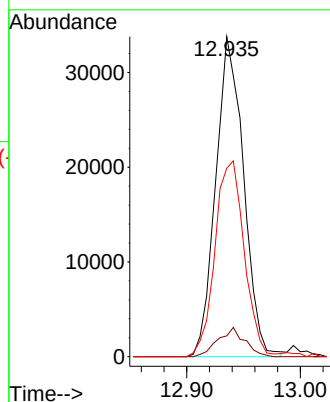
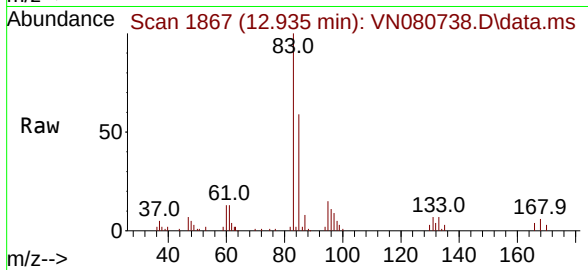
#75
1,1,2,2-Tetrachloroethane
Concen: 19.800 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD02

Tgt Ion: 83 Resp: 5756
Ion Ratio Lower Upper
83 100
131 8.7 5.0 15.0
85 64.1 31.9 95.7

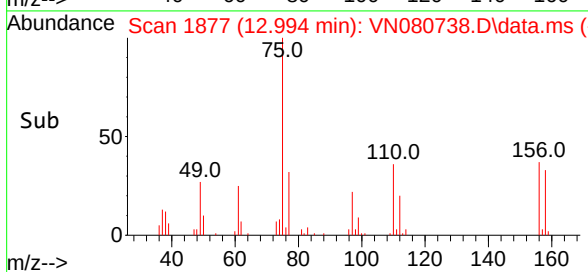
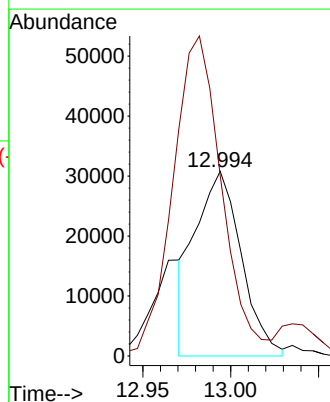
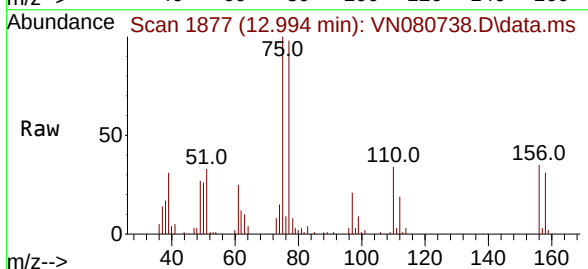
Manual Integrations
APPROVED

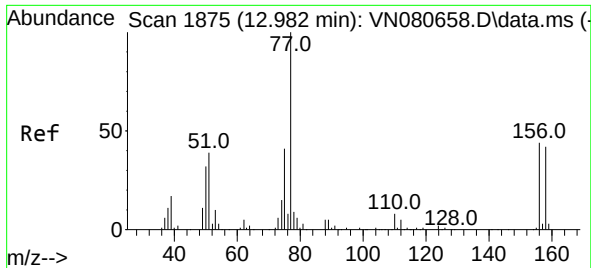
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#76
1,2,3-Trichloropropane
Concen: 19.528 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

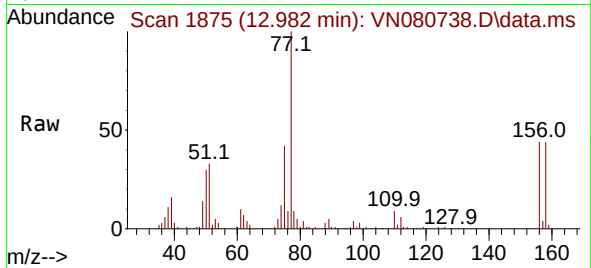
Tgt Ion: 75 Resp: 56122
Ion Ratio Lower Upper
75 100
77 184.3 84.5 253.5





#77
Bromobenzene
Concen: 19.859 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

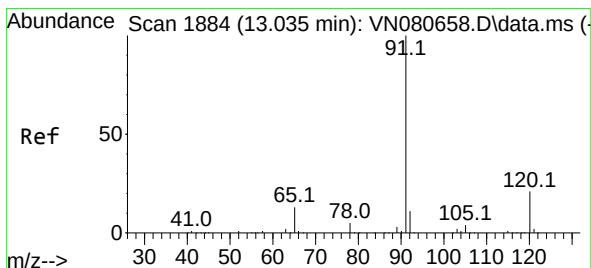
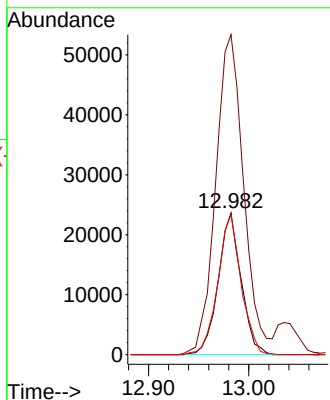
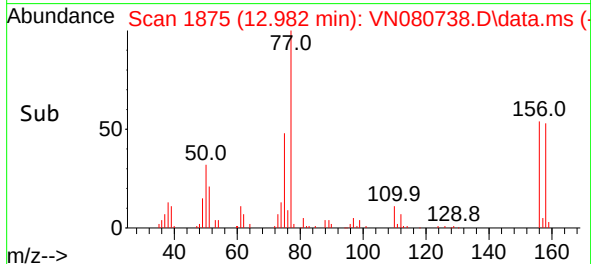
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD02



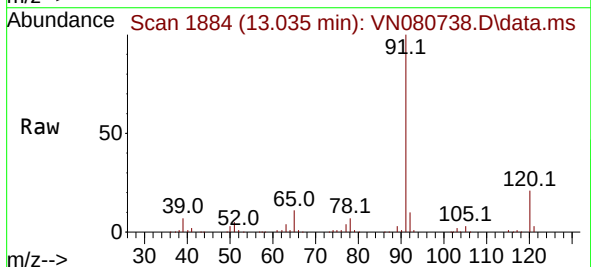
Tgt Ion:156 Resp: 3738
Ion Ratio Lower Upper
156 100
77 276.7 107.7 323.3
158 100.6 48.4 145.3

Manual Integrations
APPROVED

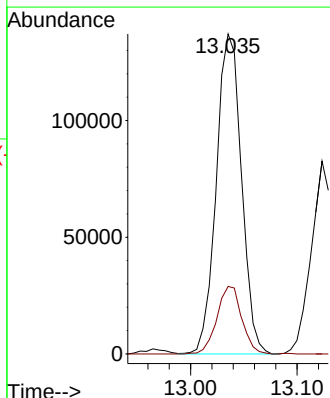
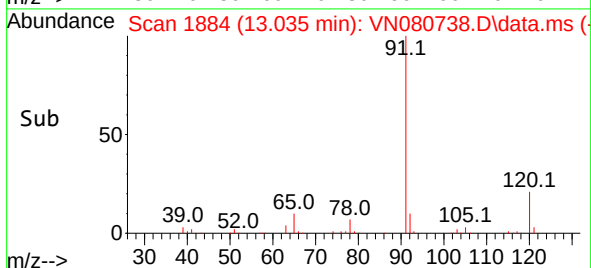
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024

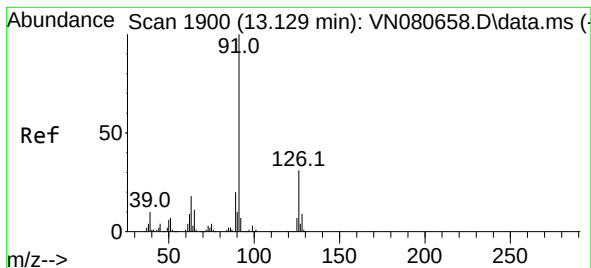


#78
n-propylbenzene
Concen: 20.688 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10



Tgt Ion: 91 Resp: 224919
Ion Ratio Lower Upper
91 100
120 20.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.633 ug/l

RT: 13.123 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080738.D

Acq: 22 Jan 2024 15:10

Instrument :

MSVOA_N

ClientSampleId :

VN0122WBSD02

Tgt Ion: 91 Resp: 136790

Ion Ratio Lower Upper

91 100

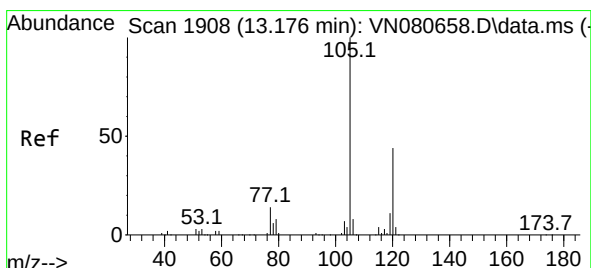
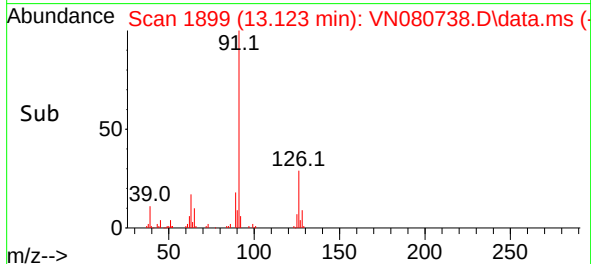
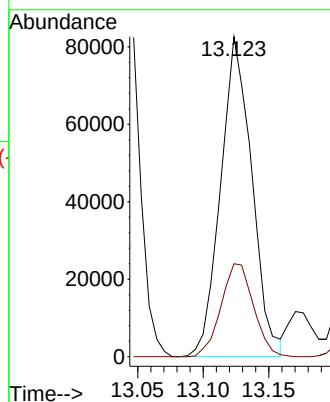
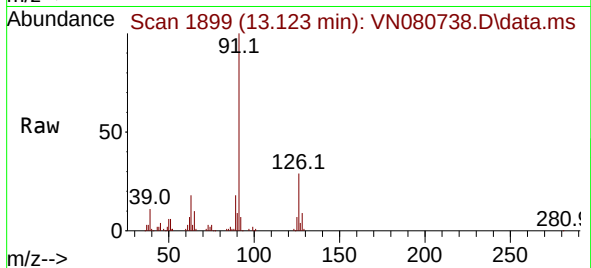
126 30.2 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2024

Supervised By :Mahesh Dadoda 01/23/2024



#80

1,3,5-Trimethylbenzene

Concen: 20.352 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VN080738.D

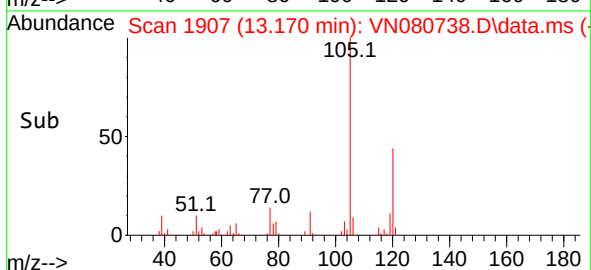
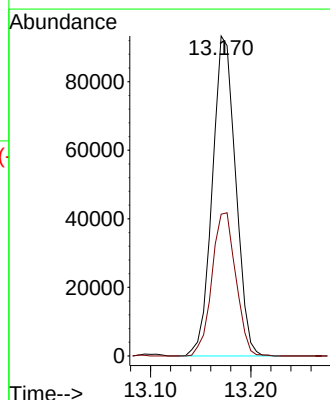
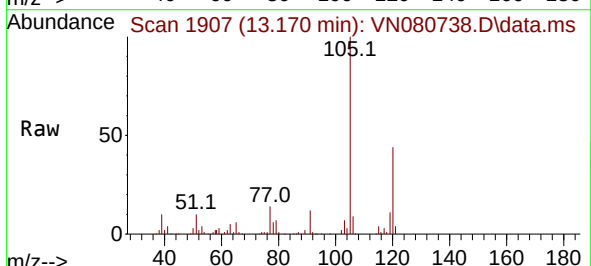
Acq: 22 Jan 2024 15:10

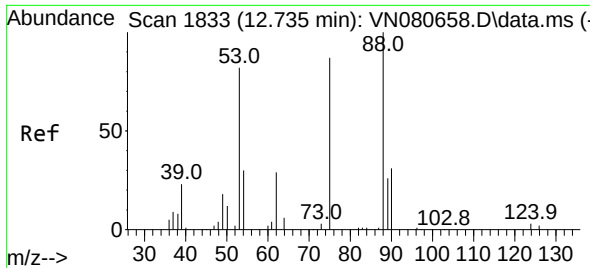
Tgt Ion:105 Resp: 150320

Ion Ratio Lower Upper

105 100

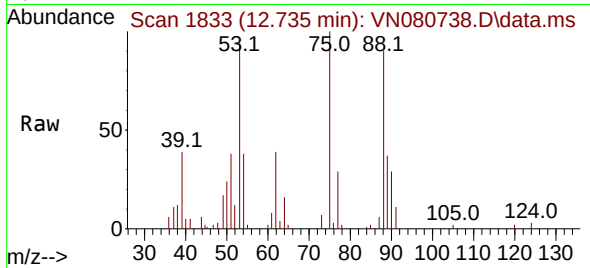
120 46.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 18.285 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

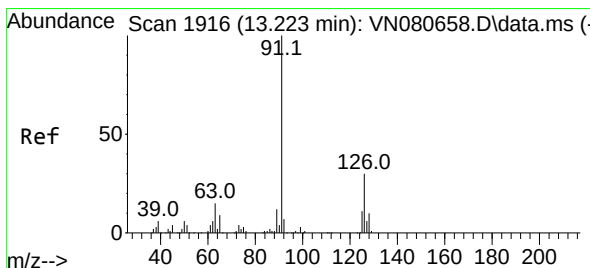
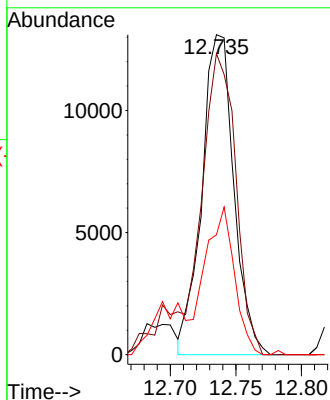
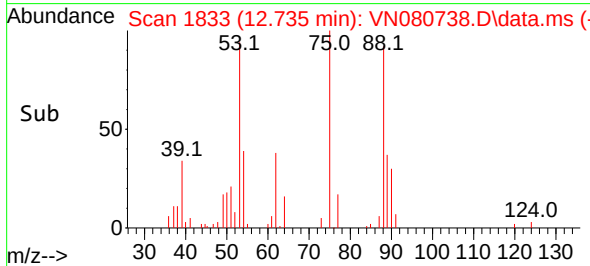
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD02



Tgt Ion: 75 Resp: 2229
Ion Ratio Lower Upper
75 100
53 112.1 67.4 101.2
89 42.8 38.8 58.2

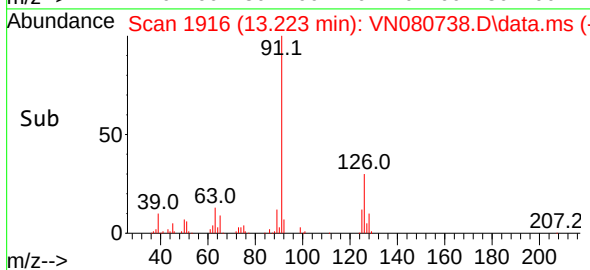
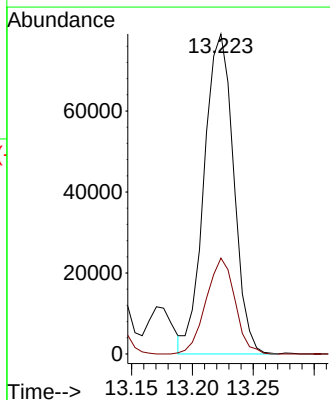
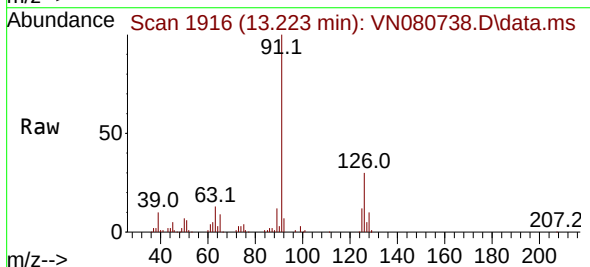
Manual Integrations
APPROVED

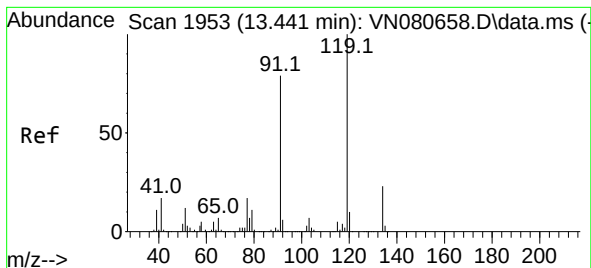
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#82
4-Chlorotoluene
Concen: 19.511 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

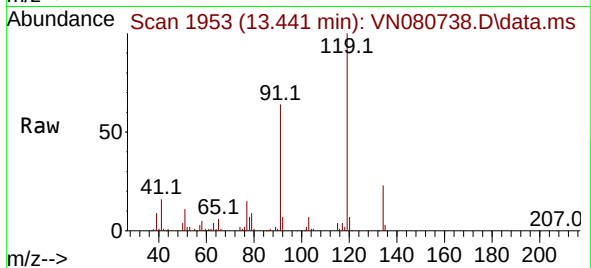
Tgt Ion: 91 Resp: 133267
Ion Ratio Lower Upper
91 100
126 29.3 16.7 50.0





#83
tert-Butylbenzene
Concen: 20.810 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

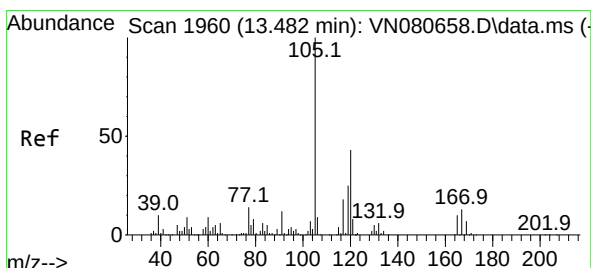
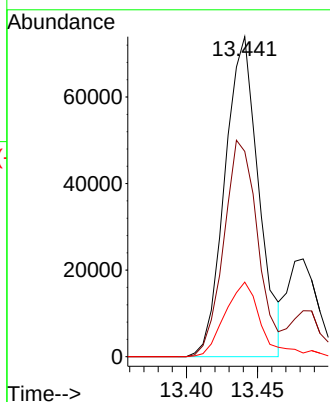
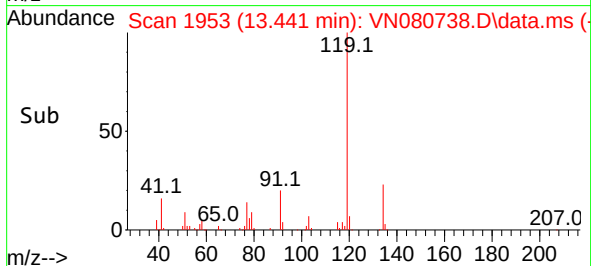
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD02



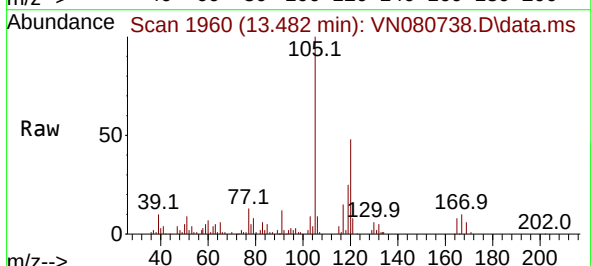
Tgt Ion:119 Resp: 122874
Ion Ratio Lower Upper
119 100
91 67.8 33.9 101.7
134 25.2 13.2 39.6

Manual Integrations
APPROVED

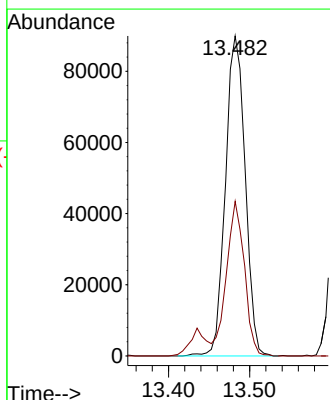
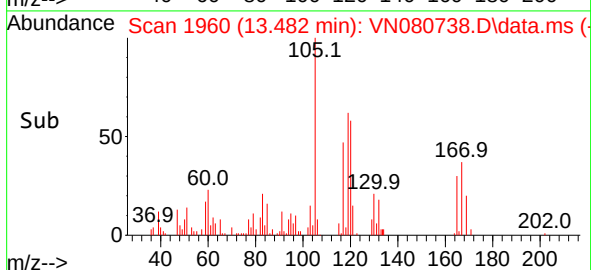
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024

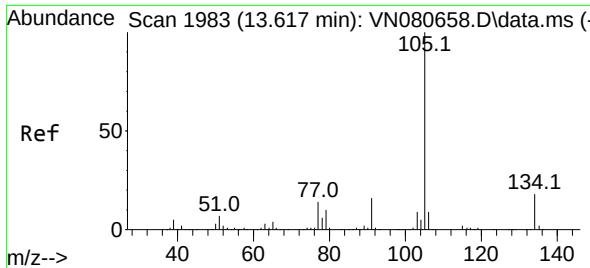


#84
1,2,4-Trimethylbenzene
Concen: 20.905 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10



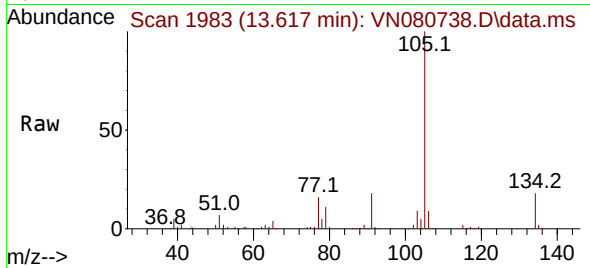
Tgt Ion:105 Resp: 151832
Ion Ratio Lower Upper
105 100
120 44.0 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 20.899 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080738.D
 Acq: 22 Jan 2024 15:10

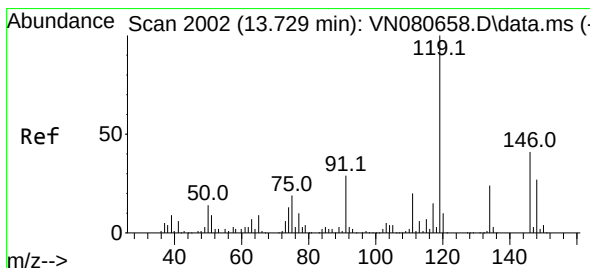
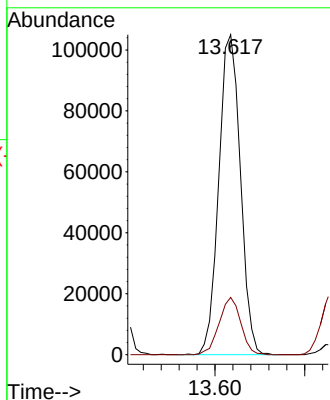
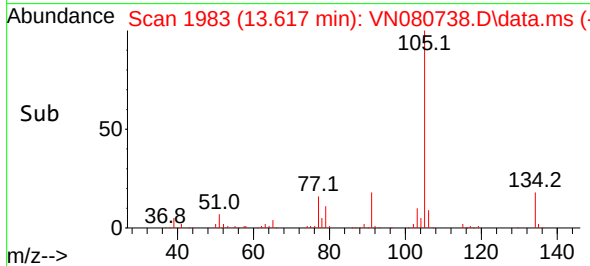
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0122WBSD02



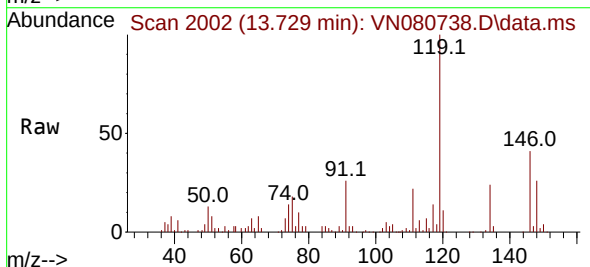
Tgt Ion:105 Resp: 175339
 Ion Ratio Lower Upper
 105 100
 134 17.9 9.8 29.3

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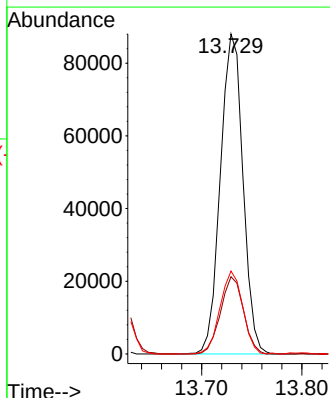
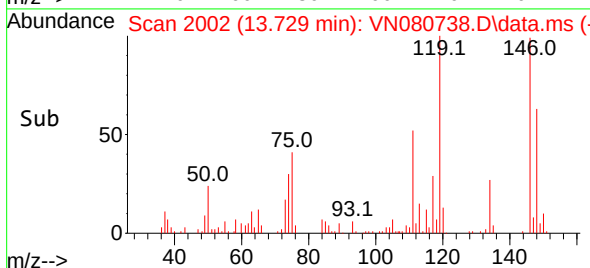
Reviewed By :John Carlone 01/23/2024
 Supervised By :Mahesh Dadoda 01/23/2024

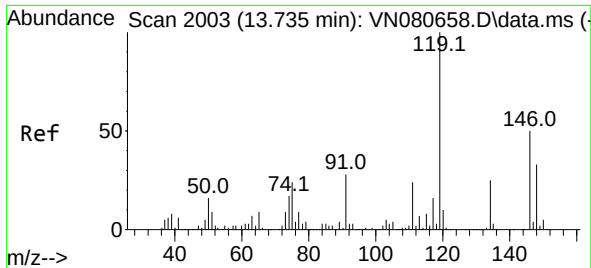


#86
 p-Isopropyltoluene
 Concen: 20.739 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080738.D
 Acq: 22 Jan 2024 15:10



Tgt Ion:119 Resp: 137418
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.6 37.8
 91 26.1 12.4 37.2





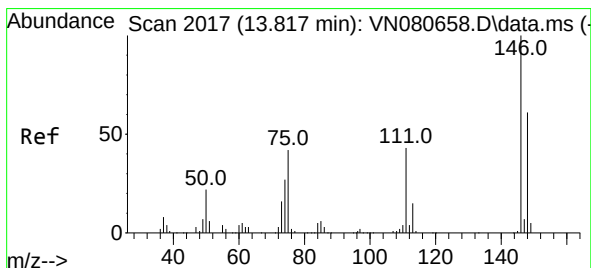
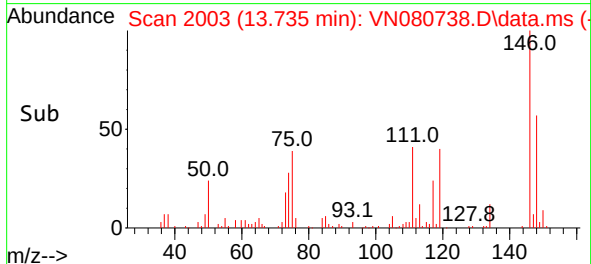
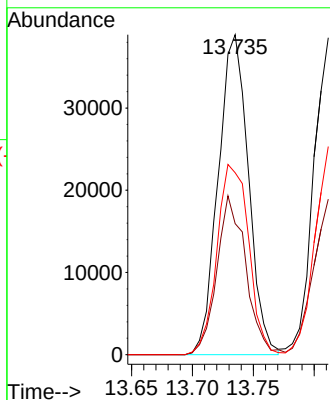
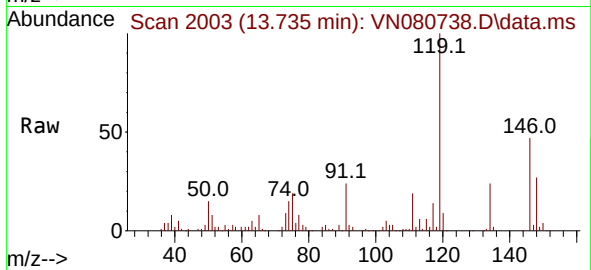
#87
1,3-Dichlorobenzene
Concen: 20.013 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD02

Tgt Ion:146 Resp: 6728
Ion Ratio Lower Upper
146 100
111 47.6 22.1 66.3
148 62.6 32.0 96.0

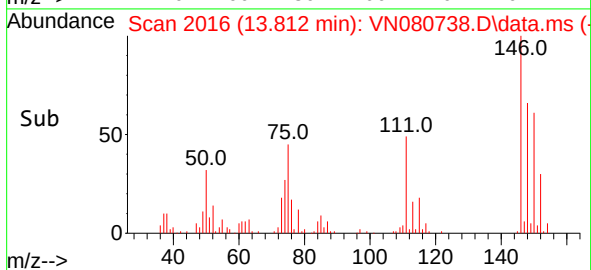
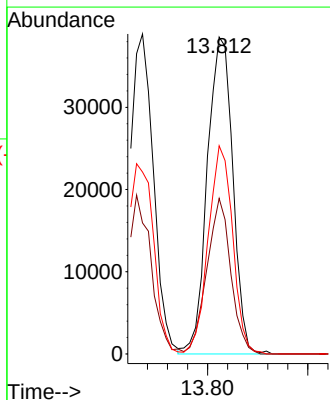
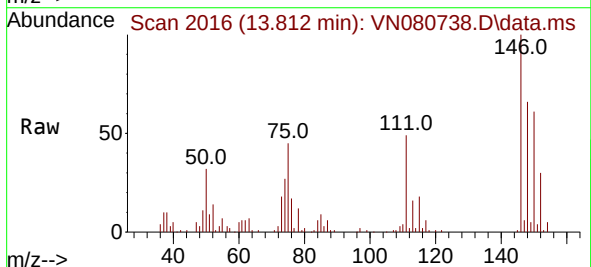
Manual Integrations
APPROVED

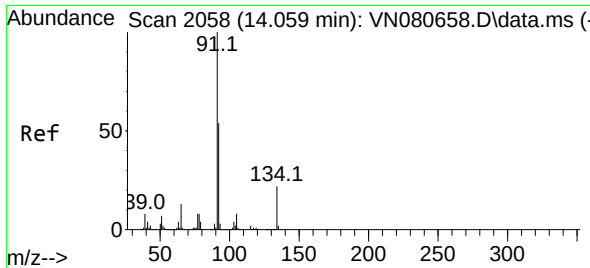
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#88
1,4-Dichlorobenzene
Concen: 19.871 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

Tgt Ion:146 Resp: 68062
Ion Ratio Lower Upper
146 100
111 46.1 20.6 61.8
148 63.1 31.6 94.8





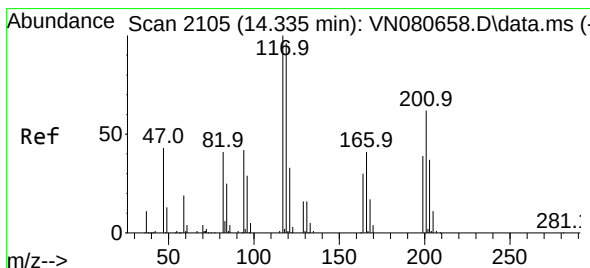
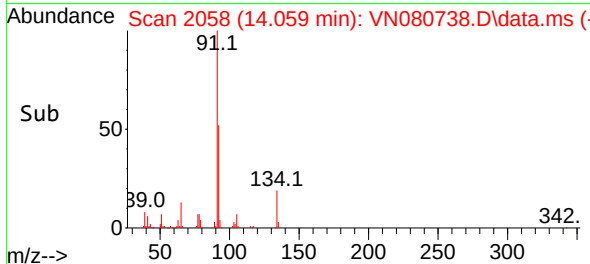
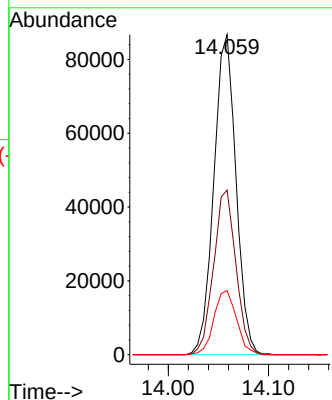
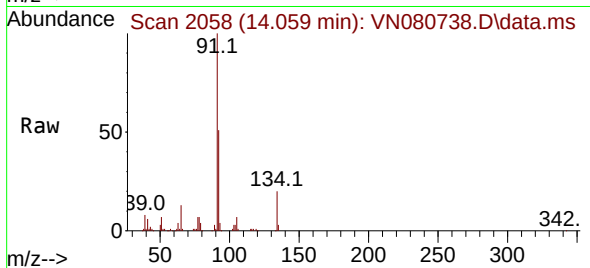
#89
n-Butylbenzene
Concen: 20.828 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD02

Tgt Ion: 91 Resp: 13302
Ion Ratio Lower Upper
91 100
92 51.9 26.4 79.0
134 20.5 12.6 37.6

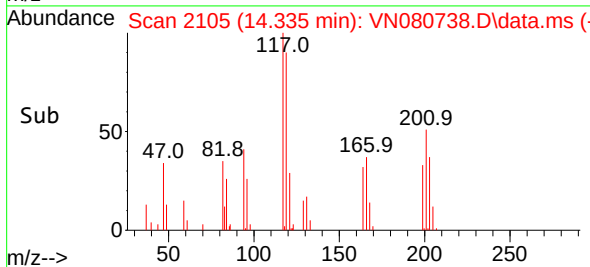
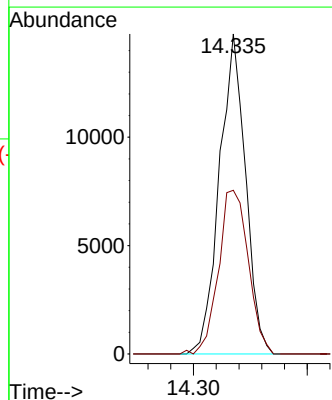
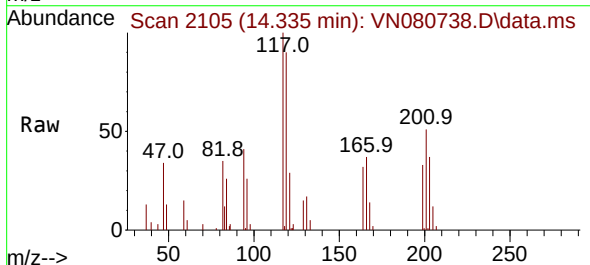
Manual Integrations
APPROVED

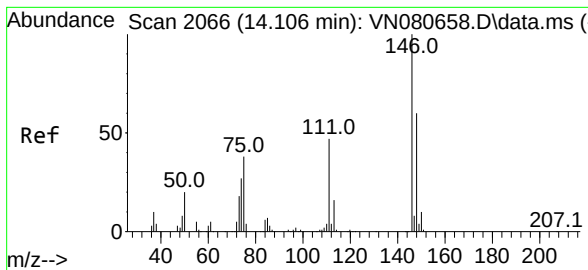
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#90
Hexachloroethane
Concen: 19.125 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

Tgt Ion:117 Resp: 23501
Ion Ratio Lower Upper
117 100
201 58.5 29.3 88.0





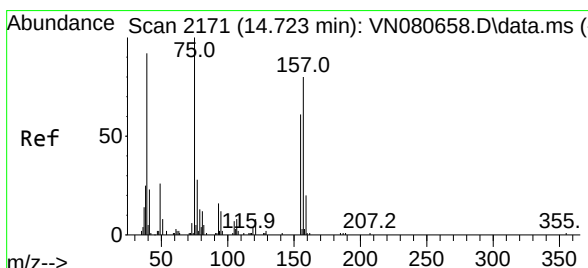
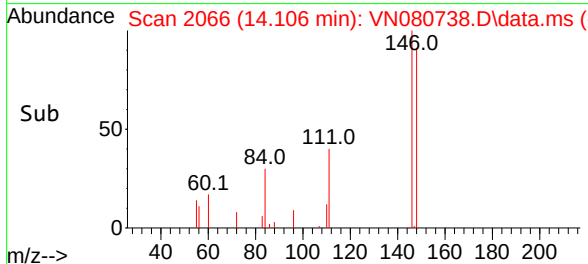
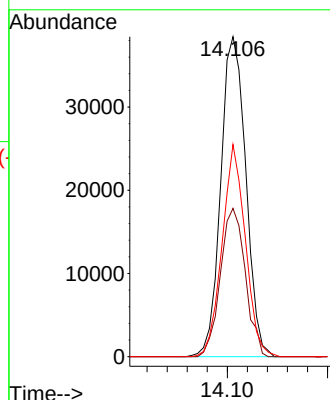
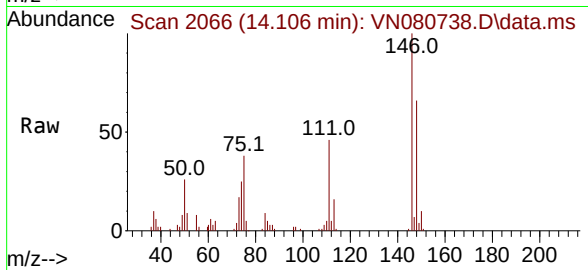
#91
1,2-Dichlorobenzene
Concen: 21.038 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD02

Tgt Ion:146 Resp: 6665
Ion Ratio Lower Upper
146 100
111 46.1 22.0 66.0
148 61.5 31.8 95.3

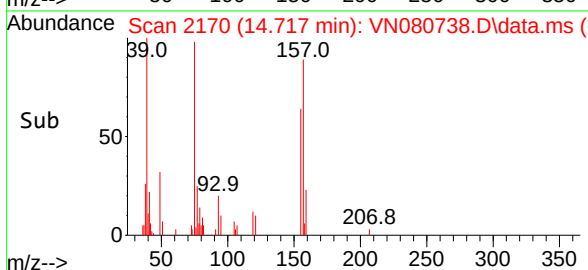
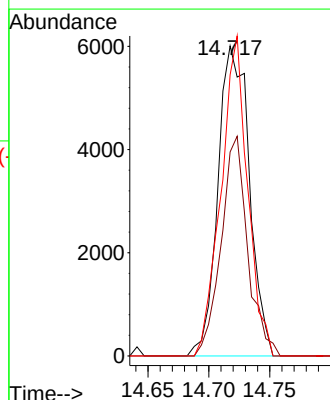
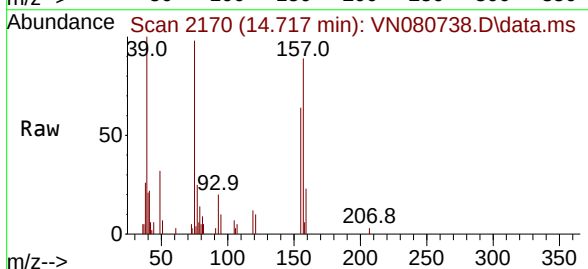
Manual Integrations
APPROVED

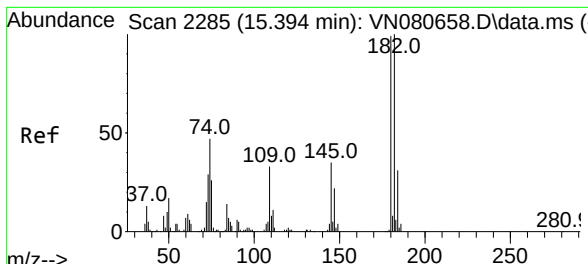
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 15.898 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

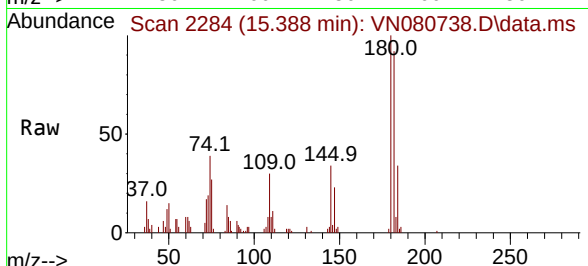
Tgt Ion: 75 Resp: 10748
Ion Ratio Lower Upper
75 100
155 60.2 39.1 117.2
157 88.0 50.3 150.9





#93
 1,2,4-Trichlorobenzene
 Concen: 19.252 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN080738.D
 Acq: 22 Jan 2024 15:10

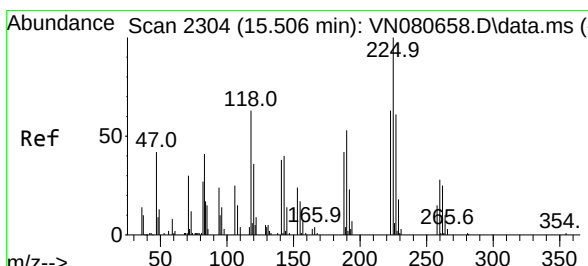
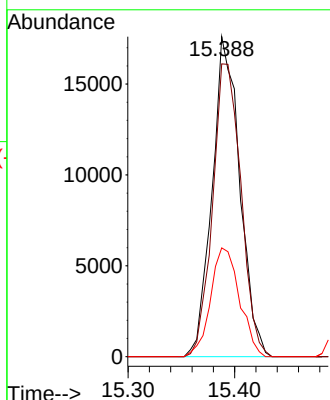
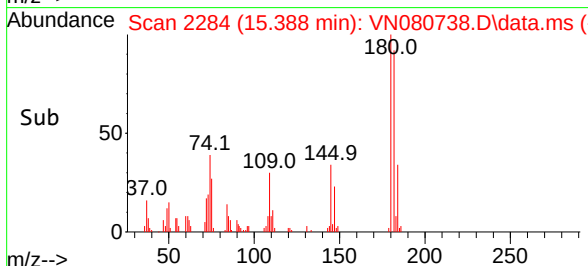
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0122WBSD02



Tgt Ion:	180	Resp:	3176
Ion Ratio	Lower	Upper	
180	100		
182	93.6	46.1	138.2
145	35.7	16.6	49.8

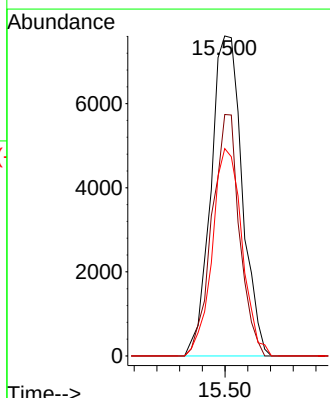
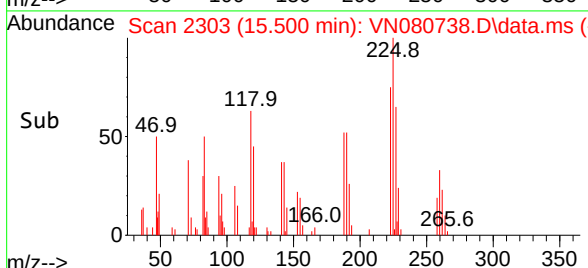
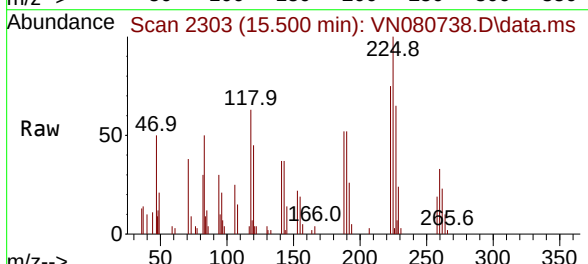
Manual Integrations
 APPROVED

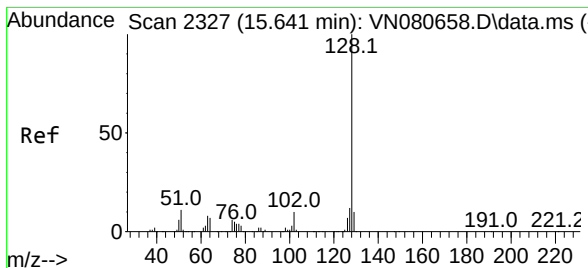
Reviewed By :John Carlone 01/23/2024
 Supervised By :Mahesh Dadoda 01/23/2024



#94
 Hexachlorobutadiene
 Concen: 18.324 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.006 min
 Lab File: VN080738.D
 Acq: 22 Jan 2024 15:10

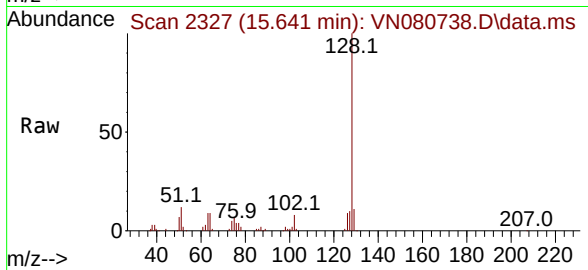
Tgt Ion:	225	Resp:	14510
Ion Ratio	Lower	Upper	
225	100		
223	66.6	31.3	93.8
227	61.8	31.9	95.9





#95
Naphthalene
Concen: 17.649 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10

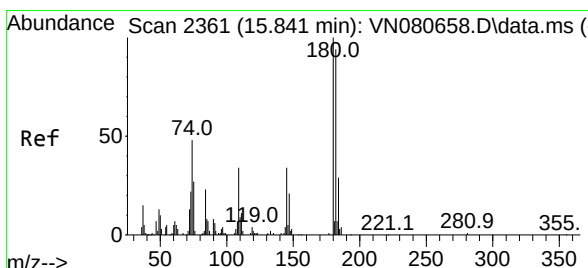
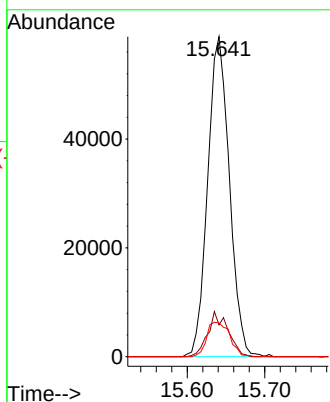
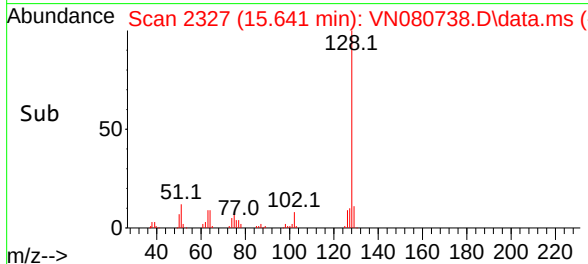
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD02



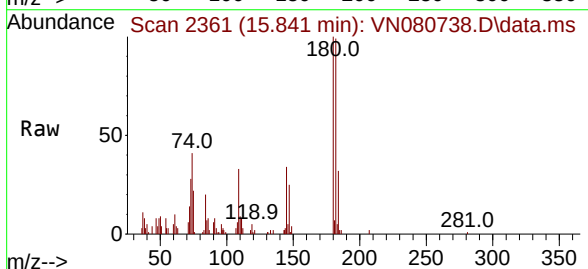
Tgt Ion:128 Resp: 114610
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 11.4 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 19.183 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080738.D
Acq: 22 Jan 2024 15:10



Tgt Ion:180 Resp: 30639
Ion Ratio Lower Upper
180 100
182 94.2 46.2 138.6
145 36.6 17.5 52.6

