

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011524\
 Data File : VN080710.D
 Acq On : 15 Jan 2024 12:04
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/16/2024
 Supervised By : Mahesh Dadoda 01/16/2024

Quant Time: Jan 16 00:39:25 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	150968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	308031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	267366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	104478	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	121761	45.928	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.860%		
35) Dibromofluoromethane	8.165	113	90424	51.666	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.340%		
50) Toluene-d8	10.565	98	349901	52.432	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.860%		
62) 4-Bromofluorobenzene	12.847	95	123563	48.283	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.560%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	112248	45.766	ug/l	98
3) Chloromethane	2.359	50	171266	61.677	ug/l	95
4) Vinyl Chloride	2.512	62	124816	56.090	ug/l	96
5) Bromomethane	2.953	94	48791	57.686	ug/l	98
6) Chloroethane	3.124	64	68293	57.281	ug/l	95
7) Trichlorofluoromethane	3.495	101	165652	45.077	ug/l	99
8) Diethyl Ether	3.953	74	86154	53.645	ug/l #	57
9) 1,1,2-Trichlorotrifluo...	4.371	101	98520	49.188	ug/l	92
10) Methyl Iodide	4.589	142	94364	56.342	ug/l	92
11) Tert butyl alcohol	5.500	59	116802	260.510	ug/l	100
12) 1,1-Dichloroethene	4.342	96	107718	47.791	ug/l	85
13) Acrolein	4.171	56	94394	251.968	ug/l	96
14) Allyl chloride	5.024	41	220684	49.391	ug/l #	92
15) Acrylonitrile	5.712	53	305263	260.726	ug/l	99
16) Acetone	4.424	43	178022	204.531	ug/l	96
17) Carbon Disulfide	4.712	76	337590	48.969	ug/l	97
18) Methyl Acetate	5.018	43	140609	54.250	ug/l #	79
19) Methyl tert-butyl Ether	5.789	73	412757	53.144	ug/l	95
20) Methylene Chloride	5.277	84	135951	53.505	ug/l #	84
21) trans-1,2-Dichloroethene	5.783	96	122074	53.395	ug/l #	82
22) Diisopropyl ether	6.665	45	505900	60.044	ug/l #	87
23) Vinyl Acetate	6.600	43	1933382	281.935	ug/l #	84
24) 1,1-Dichloroethane	6.565	63	249989	54.203	ug/l	98
25) 2-Butanone	7.477	43	375948	238.954	ug/l #	82
26) 2,2-Dichloropropane	7.483	77	206990	51.316	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	145877	57.881	ug/l	81
28) Bromochloromethane	7.812	49	107426	49.823	ug/l #	59
29) Tetrahydrofuran	7.830	42	273109	257.543	ug/l #	70
30) Chloroform	7.965	83	239240	55.332	ug/l	95
31) Cyclohexane	8.253	56	201782	49.265	ug/l #	79
32) 1,1,1-Trichloroethane	8.165	97	186309	48.407	ug/l #	93
36) 1,1-Dichloropropene	8.371	75	176617	49.265	ug/l	94
37) Ethyl Acetate	7.553	43	169552	48.772	ug/l #	90
38) Carbon Tetrachloride	8.359	117	146675	45.566	ug/l	97
39) Methylcyclohexane	9.600	83	168681	49.167	ug/l #	83
40) Benzene	8.606	78	566451	56.205	ug/l	99

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Supervised By :Mahesh Dadoda 01/16/2024

Quant Time: Jan 16 00:39:25 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)
41) Methacrylonitrile	7.771	41	100885	50.030	ug/l #	81
42) 1,2-Dichloroethane	8.671	62	191603	49.659	ug/l	98
43) Isopropyl Acetate	8.682	43	320558	50.164	ug/l #	89
44) Trichloroethene	9.347	130	113606	49.793	ug/l	93
45) 1,2-Dichloropropane	9.624	63	153195	57.334	ug/l	95
46) Dibromomethane	9.712	93	87500	51.760	ug/l	95
47) Bromodichloromethane	9.888	83	192425	51.284	ug/l	99
48) Methyl methacrylate	9.676	41	151793	50.172	ug/l #	77
49) 1,4-Dioxane	9.694	88	35220	934.292	ug/l #	72
51) 4-Methyl-2-Pentanone	10.441	43	857130	248.630	ug/l	88
52) Toluene	10.629	92	325796	56.421	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	230565	55.362	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	247707	56.087	ug/l #	83
55) 1,1,2-Trichloroethane	11.018	97	124109	55.840	ug/l	96
56) Ethyl methacrylate	10.871	69	203733	51.178	ug/l #	73
57) 1,3-Dichloropropane	11.165	76	235531	58.047	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	481591	252.573	ug/l #	85
59) 2-Hexanone	11.194	43	615798	241.970	ug/l	86
60) Dibromochloromethane	11.359	129	124617	54.555	ug/l	99
61) 1,2-Dibromoethane	11.470	107	120823	55.301	ug/l	99
64) Tetrachloroethene	11.100	164	87762	47.798	ug/l	96
65) Chlorobenzene	11.894	112	314401	53.823	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	110238	53.153	ug/l	99
67) Ethyl Benzene	11.965	91	586749	52.604	ug/l	95
68) m/p-Xylenes	12.070	106	419011	106.851	ug/l	88
69) o-Xylene	12.394	106	216576	56.484	ug/l	93
70) Styrene	12.412	104	362393	55.659	ug/l	96
71) Bromoform	12.576	173	73133	51.256	ug/l #	100
73) Isopropylbenzene	12.694	105	507230	51.054	ug/l	98
74) N-amyl acetate	12.494	43	291877	48.954	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.935	83	162225	49.777	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	145626m	45.202	ug/l	
77) Bromobenzene	12.982	156	110093	52.172	ug/l	76
78) n-propylbenzene	13.035	91	618595	50.756	ug/l	95
79) 2-Chlorotoluene	13.123	91	385863	49.403	ug/l	94
80) 1,3,5-Trimethylbenzene	13.170	105	415785	50.217	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	67431	49.342	ug/l #	83
82) 4-Chlorotoluene	13.223	91	393823	51.433	ug/l	92
83) tert-Butylbenzene	13.441	119	328921	49.692	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	417495	51.279	ug/l	98
85) sec-Butylbenzene	13.617	105	482342	51.286	ug/l	96
86) p-Isopropyltoluene	13.729	119	382519	51.498	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	193371	51.305	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	196984	51.301	ug/l	97
89) n-Butylbenzene	14.059	91	373263	52.135	ug/l	98
90) Hexachloroethane	14.335	117	67839	49.248	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	188745	53.143	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	29751	39.809	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	96102	51.955	ug/l	96
94) Hexachlorobutadiene	15.500	225	38984	43.916	ug/l	99
95) Naphthalene	15.641	128	338117	46.447	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	89431	49.949	ug/l	97

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MSVOA_N
ClientSampleId :
VSTDCCC050

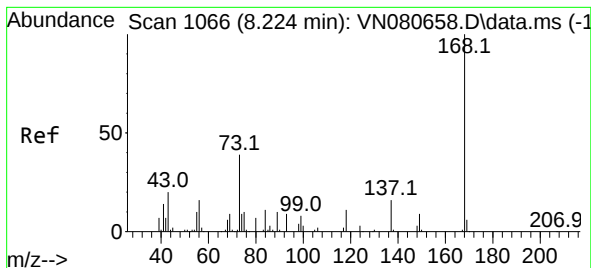
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

Quant Time: Jan 16 00:39:25 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: VN080710.D

Acq: 15 Jan 2024 12:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 150968

Ion Ratio Lower Upper

168 100

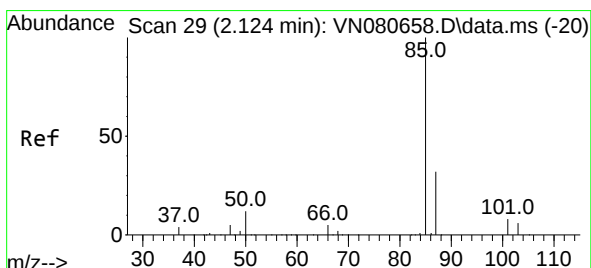
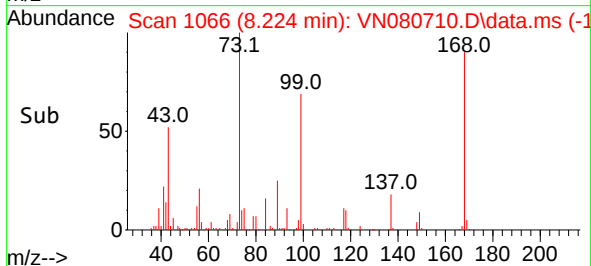
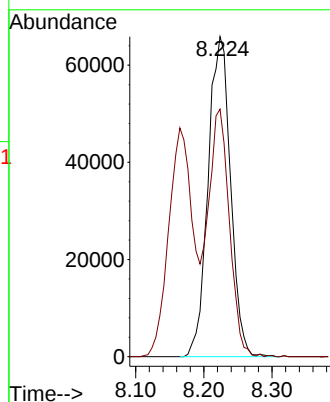
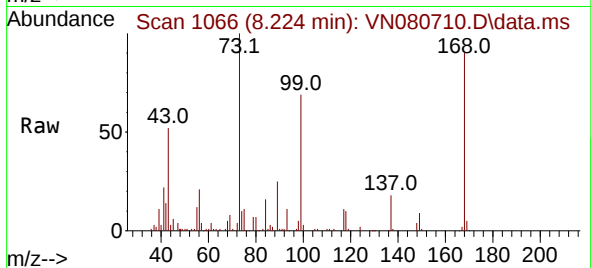
99 77.4 53.0 79.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 45.766 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN080710.D

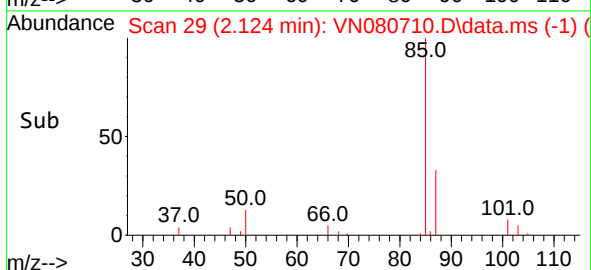
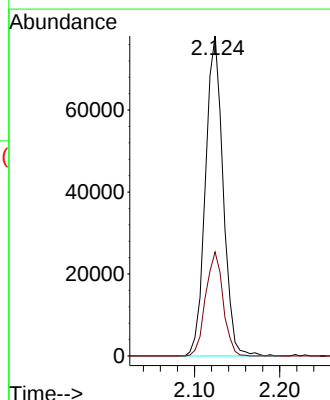
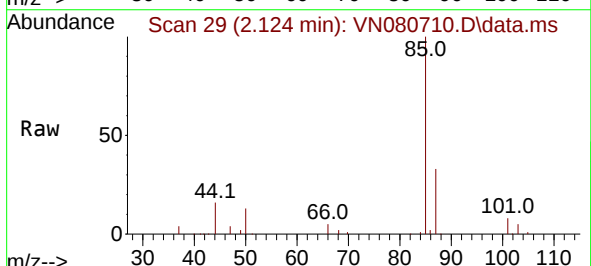
Acq: 15 Jan 2024 12:04

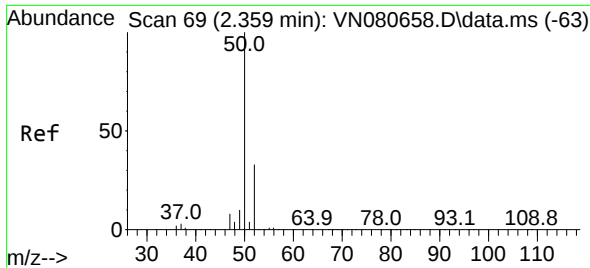
Tgt Ion: 85 Resp: 112248

Ion Ratio Lower Upper

85 100

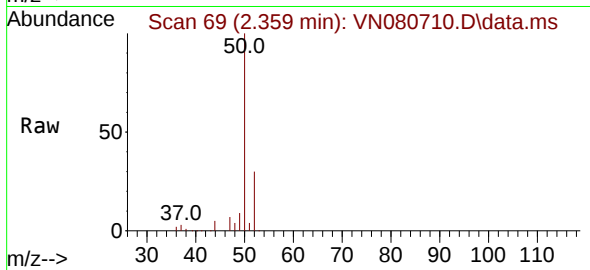
87 32.5 15.8 47.4





#3
Chloromethane
Concen: 61.677 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

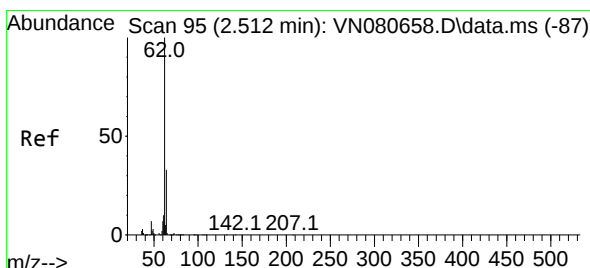
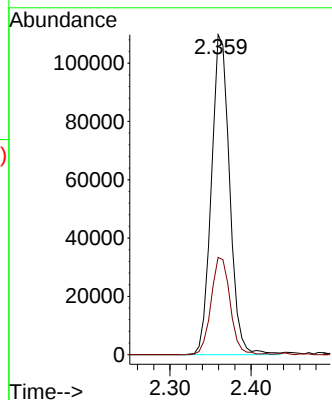
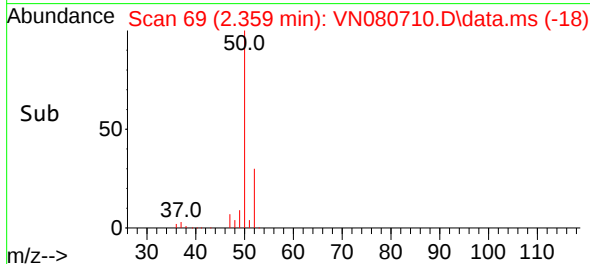
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 171260
Ion Ratio Lower Upper
50 100
52 30.4 26.5 39.7

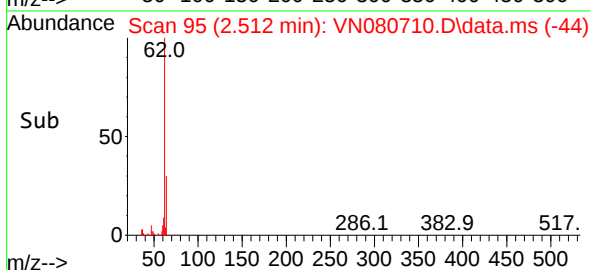
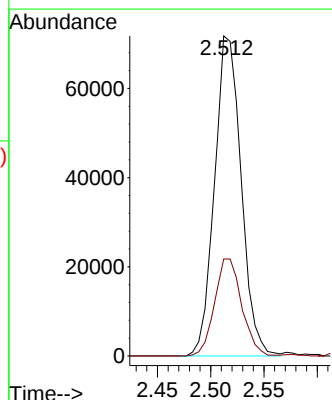
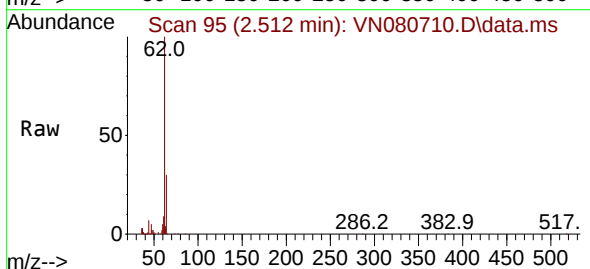
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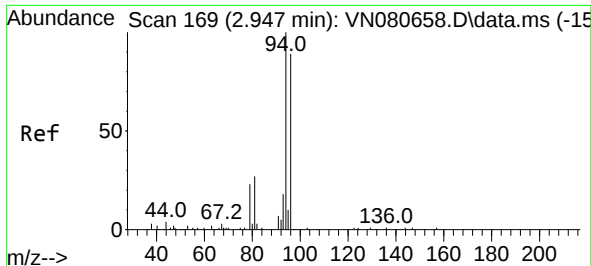
Reviewed By :John Carlone 01/16/2024
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#4
Vinyl Chloride
Concen: 56.090 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

Tgt Ion: 62 Resp: 124816
Ion Ratio Lower Upper
62 100
64 30.3 26.2 39.2





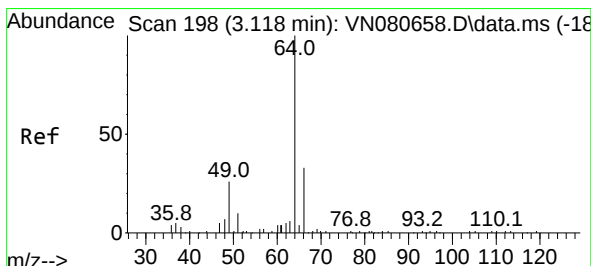
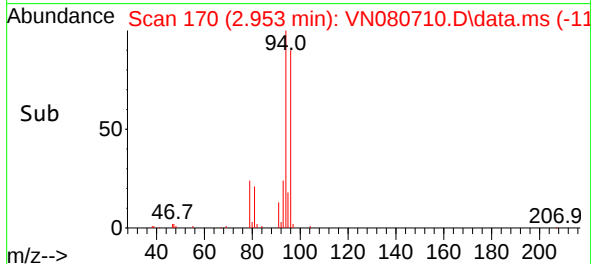
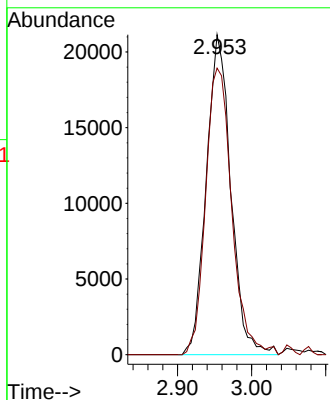
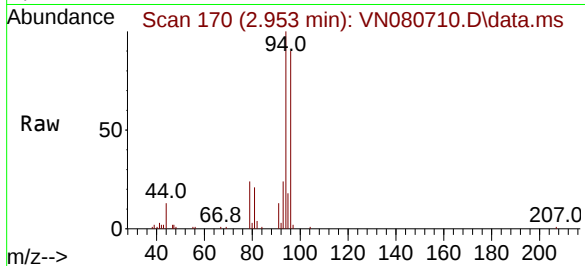
#5
Bromomethane
Concen: 57.686 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 4879
Ion Ratio Lower Upper
94 100
96 89.6 73.1 109.7

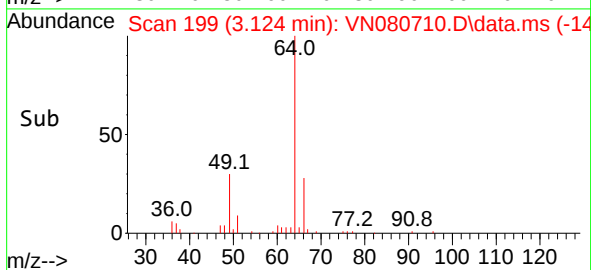
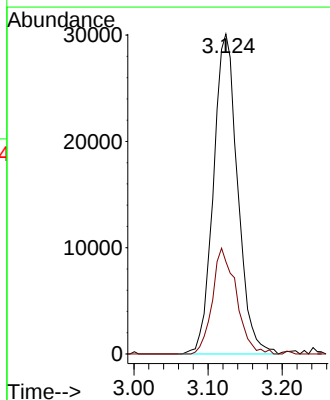
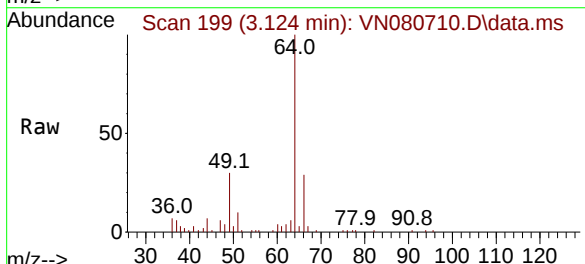
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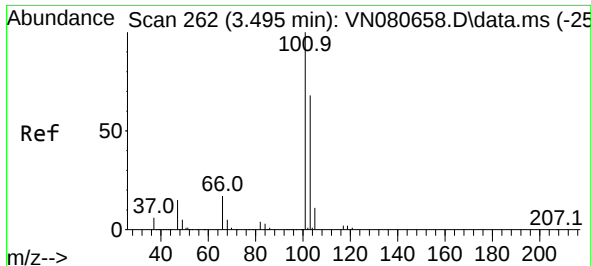
Reviewed By :John Carlone 01/16/2024
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#6
Chloroethane
Concen: 57.281 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

Tgt Ion: 64 Resp: 68293
Ion Ratio Lower Upper
64 100
66 28.8 25.4 38.2





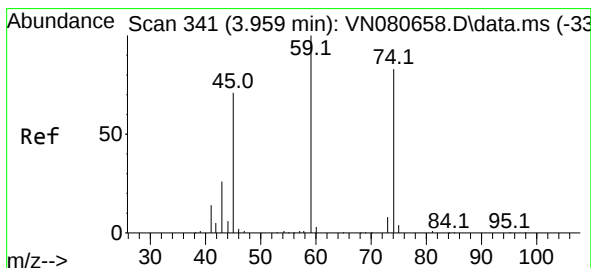
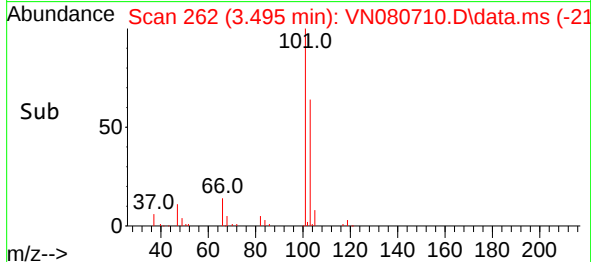
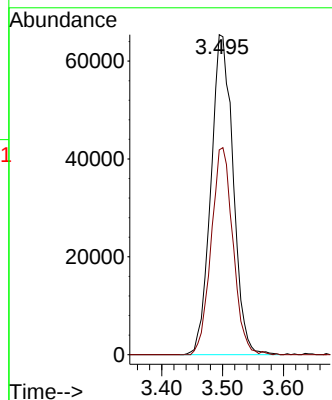
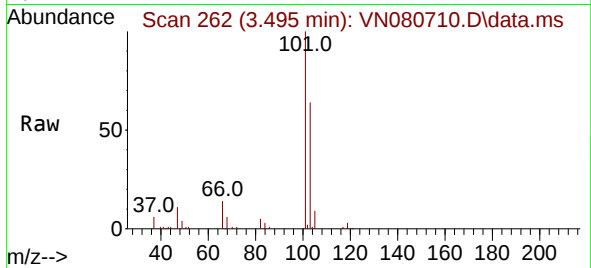
#7
Trichlorofluoromethane
Concen: 45.077 ug/l
RT: 3.495 min Scan# 262
Delta R.T. 0.000 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 165652
Ion Ratio Lower Upper
101 100
103 64.0 50.7 76.1

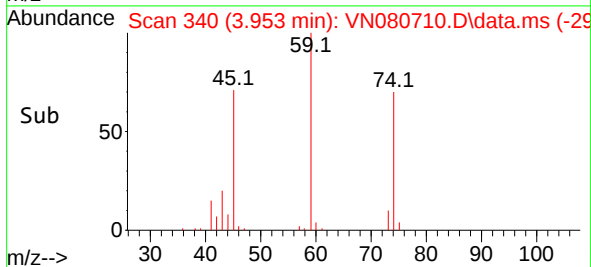
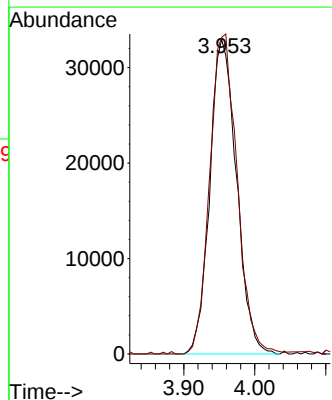
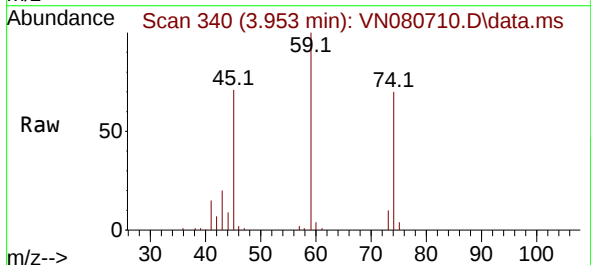
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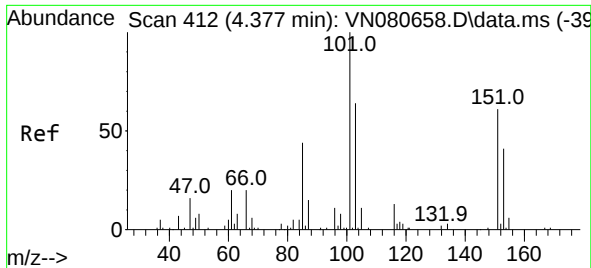
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#8
Diethyl Ether
Concen: 53.645 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

Tgt Ion: 74 Resp: 86154
Ion Ratio Lower Upper
74 100
45 104.0 34.4 103.3#





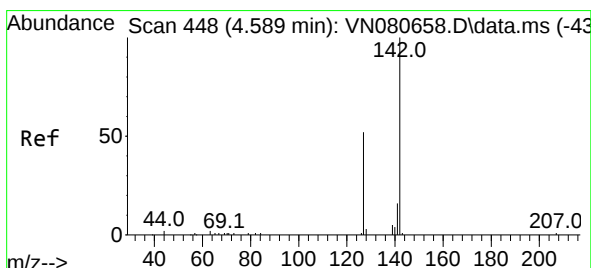
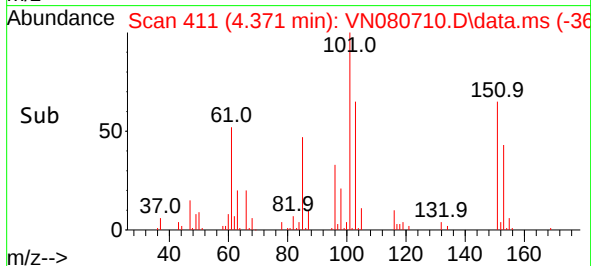
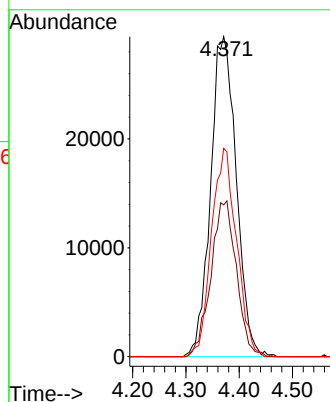
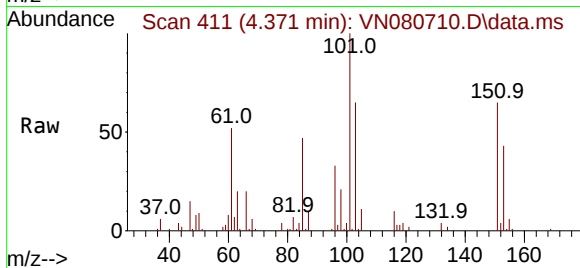
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.188 ug/l
RT: 4.371 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 98520
Ion Ratio Lower Upper
101 100
85 48.3 36.6 55.0
151 63.4 57.6 86.4

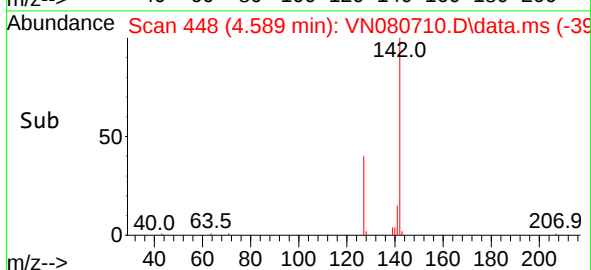
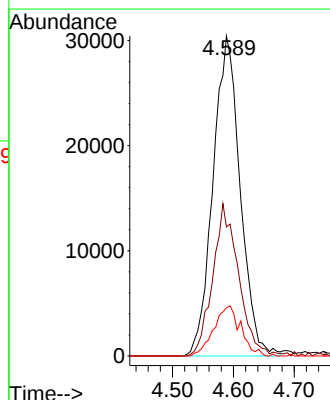
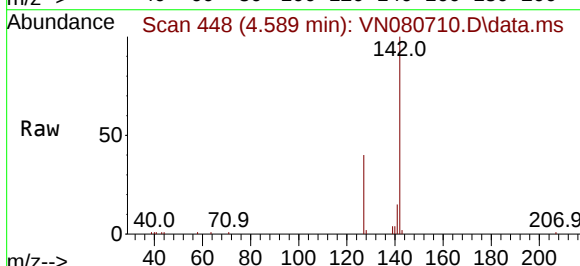
Manual Integrations
APPROVED

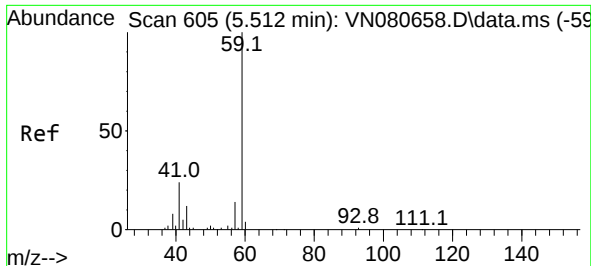
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#10
Methyl Iodide
Concen: 56.342 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

Tgt Ion:142 Resp: 94364
Ion Ratio Lower Upper
142 100
127 40.3 37.6 56.4
141 15.0 11.4 17.0





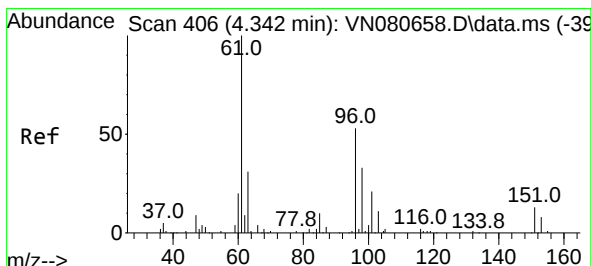
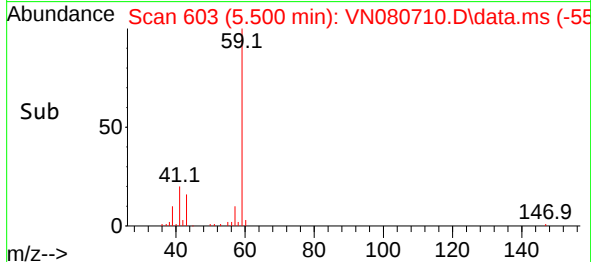
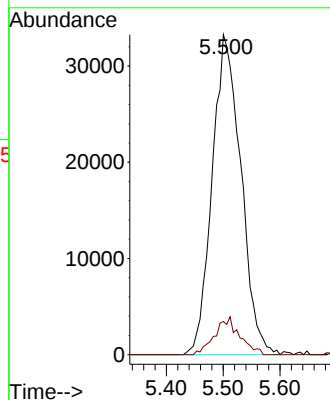
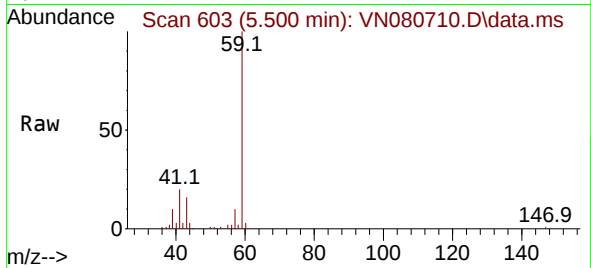
#11
Tert butyl alcohol
Concen: 260.510 ug/l
RT: 5.500 min Scan# 605
Delta R.T. -0.012 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 11680
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

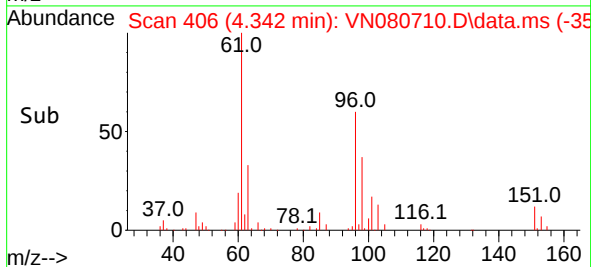
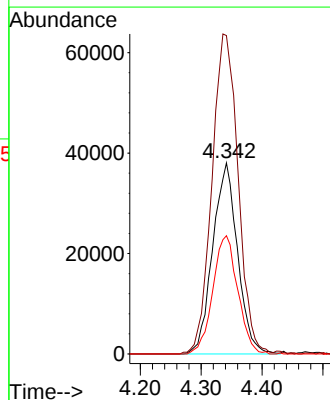
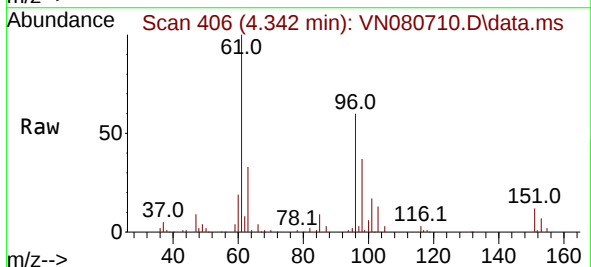
Manual Integrations
APPROVED

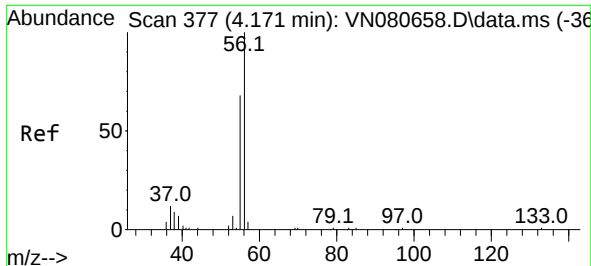
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#12
1,1-Dichloroethene
Concen: 47.791 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

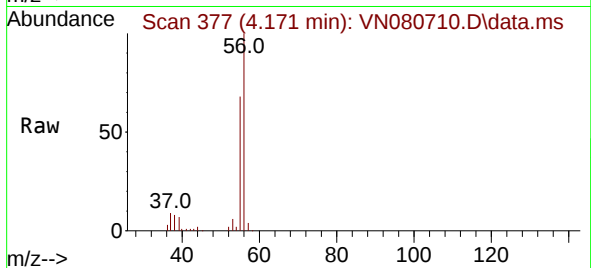
Tgt Ion: 96 Resp: 107718
Ion Ratio Lower Upper
96 100
61 166.7 112.7 169.1
98 61.9 51.2 76.8





#13
Acrolein
Concen: 251.968 ug/l
RT: 4.171 min Scan# 377
Delta R.T. -0.000 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

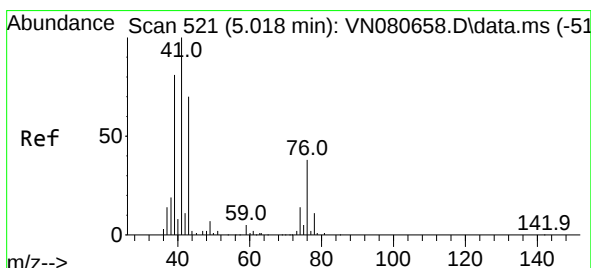
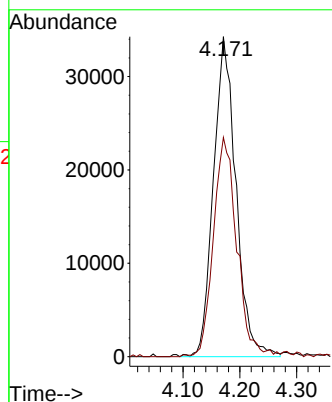
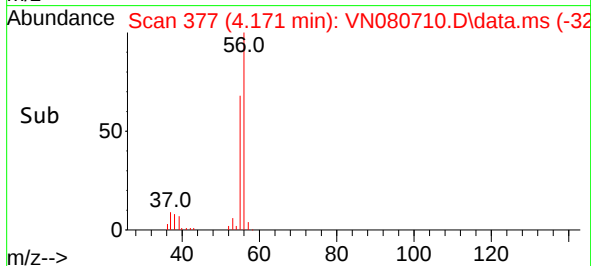
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



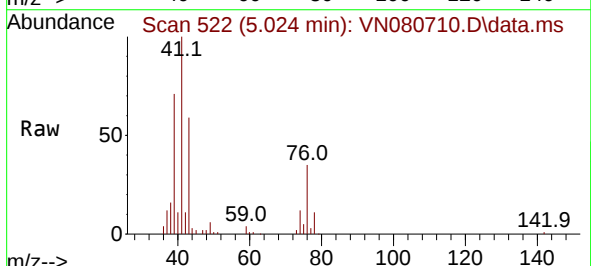
Tgt Ion: 56 Resp: 94394
Ion Ratio Lower Upper
56 100
55 71.4 54.5 81.7

Manual Integrations
APPROVED

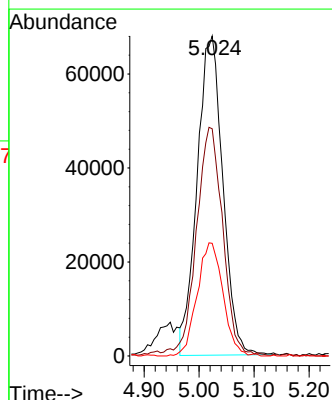
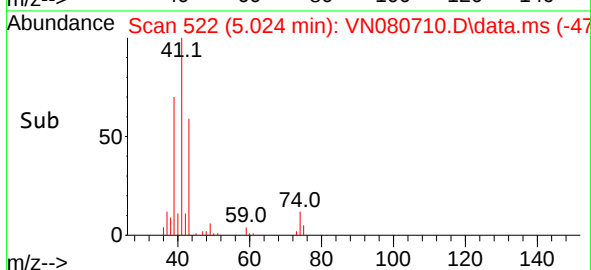
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

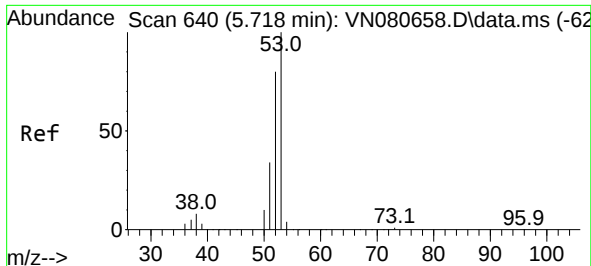


#14
Allyl chloride
Concen: 49.391 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04



Tgt Ion: 41 Resp: 220684
Ion Ratio Lower Upper
41 100
39 73.0 58.8 88.2
76 35.6 39.1 58.7#





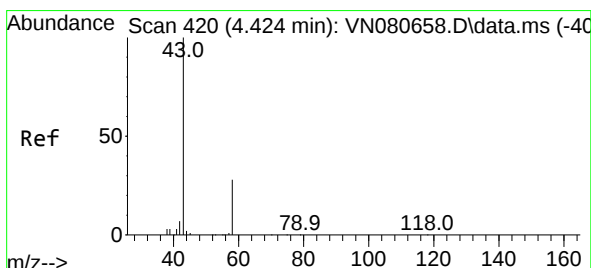
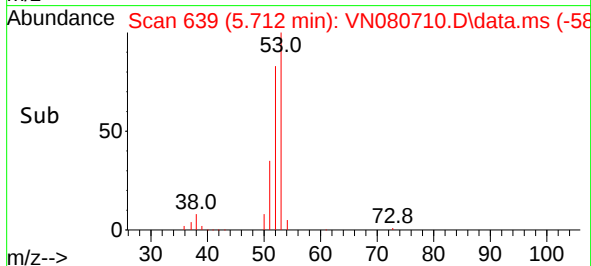
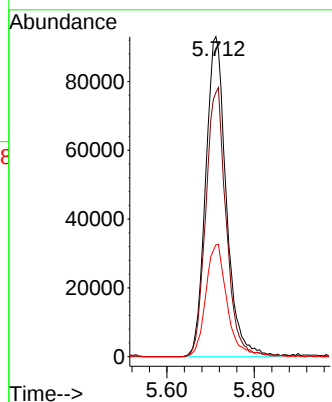
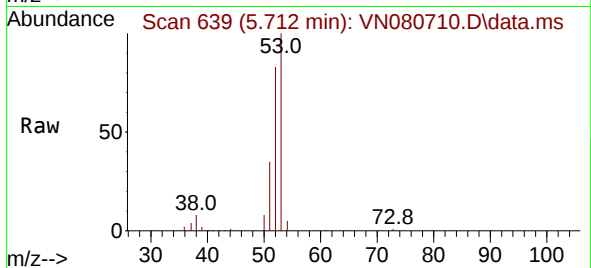
#15
Acrylonitrile
Concen: 260.726 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 30526
Ion Ratio Lower Upper
53 100
52 82.7 65.3 97.9
51 36.3 28.9 43.3

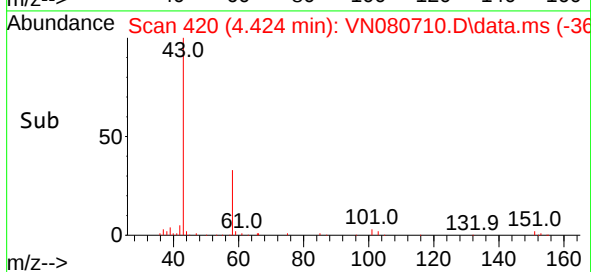
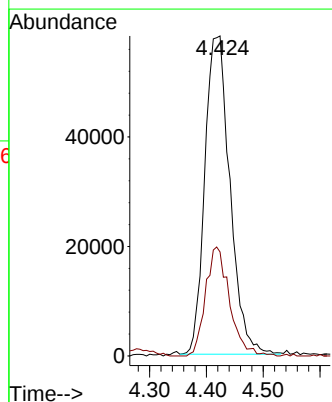
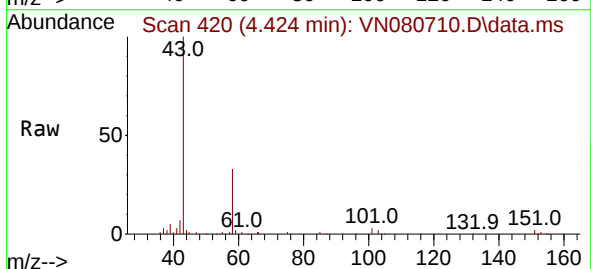
Manual Integrations
APPROVED

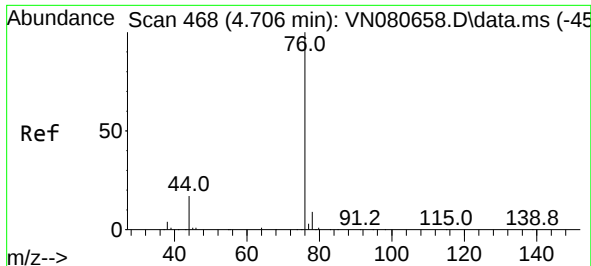
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#16
Acetone
Concen: 204.531 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

Tgt Ion: 43 Resp: 178022
Ion Ratio Lower Upper
43 100
58 32.7 28.0 42.0





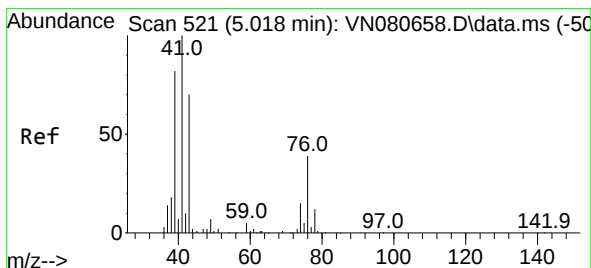
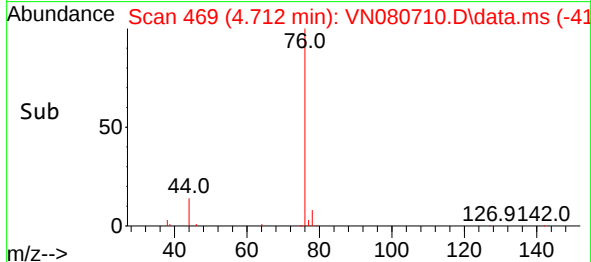
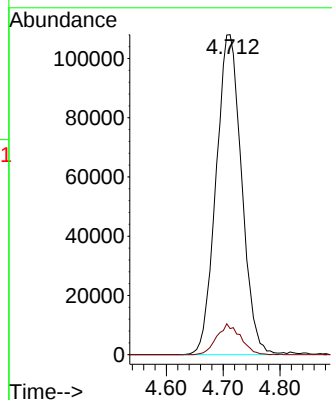
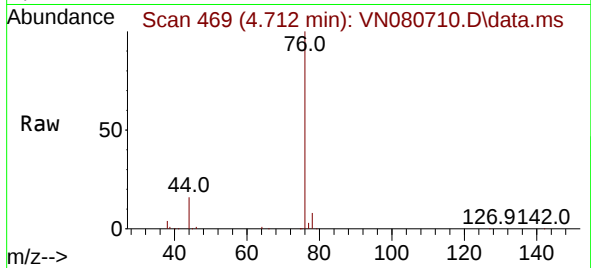
#17
Carbon Disulfide
Concen: 48.969 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 337590
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0

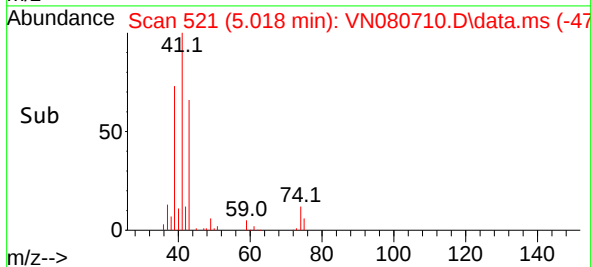
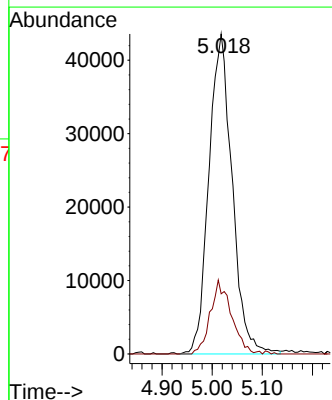
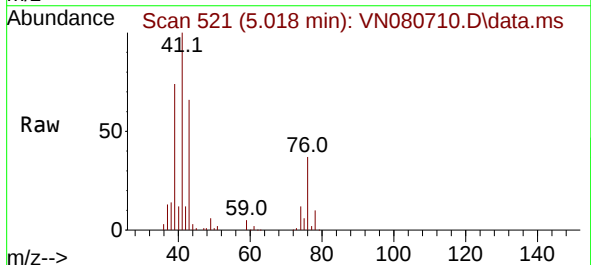
Manual Integrations
APPROVED

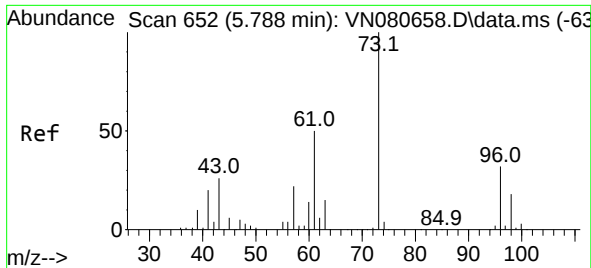
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#18
Methyl Acetate
Concen: 54.250 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

Tgt Ion: 43 Resp: 140609
Ion Ratio Lower Upper
43 100
74 20.8 26.2 39.4#





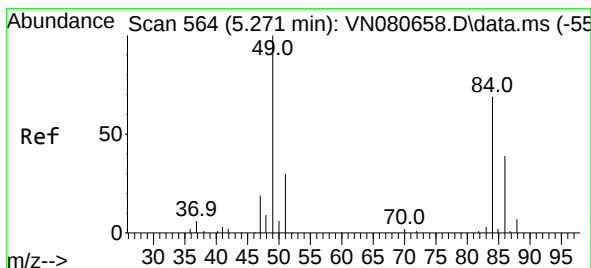
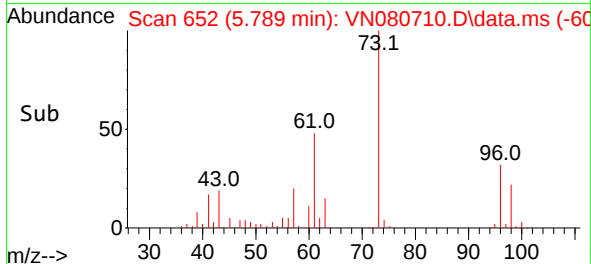
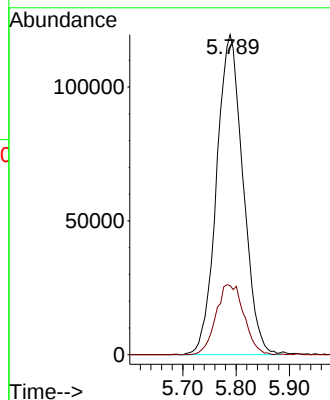
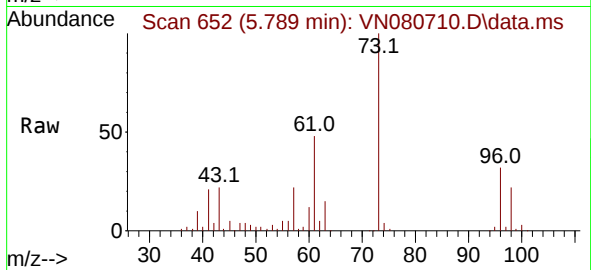
#19
Methyl tert-butyl Ether
Concen: 53.144 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 41275
Ion Ratio Lower Upper
73 100
57 21.6 15.6 23.4

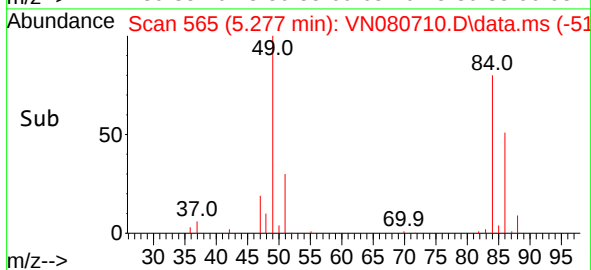
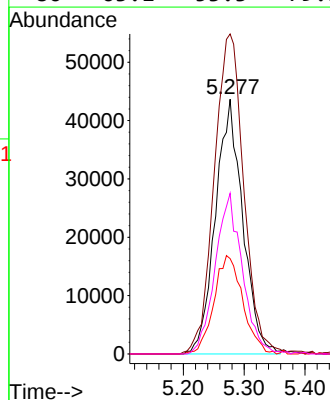
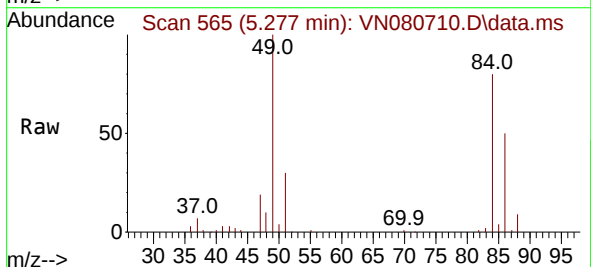
Manual Integrations
APPROVED

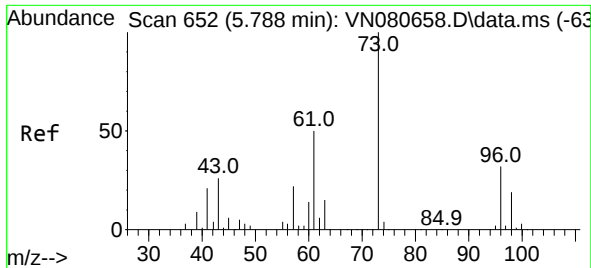
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#20
Methylene Chloride
Concen: 53.505 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

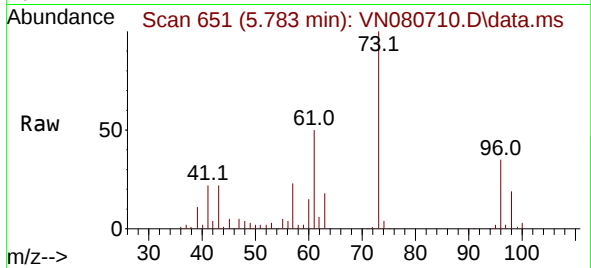
Tgt Ion: 84 Resp: 135951
Ion Ratio Lower Upper
84 100
49 125.6 79.7 119.5#
51 37.4 25.2 37.8
86 63.1 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 53.395 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

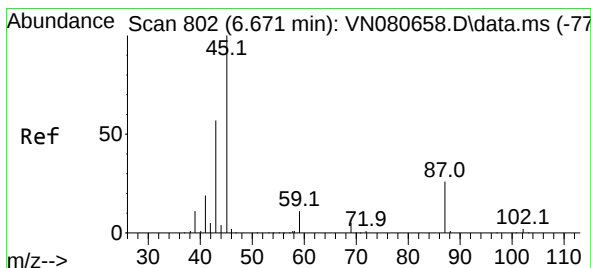
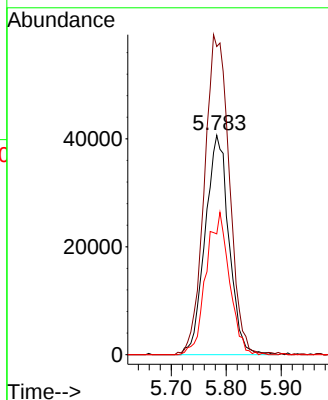
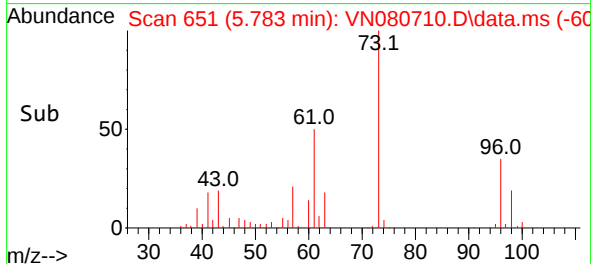
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 122074
Ion Ratio Lower Upper
96 100
61 139.5 90.1 135.1
98 55.0 46.4 69.6

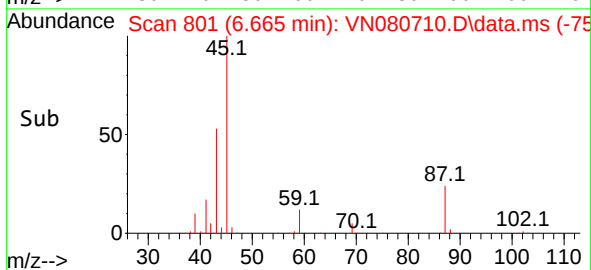
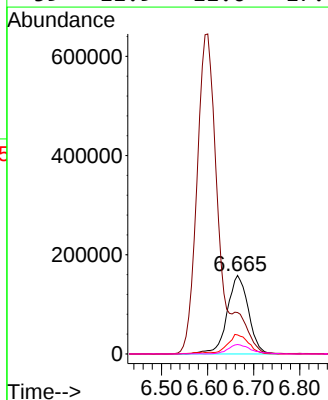
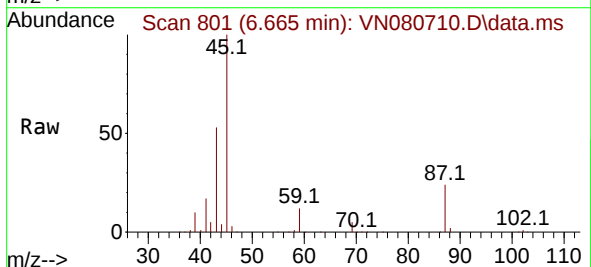
Manual Integrations
APPROVED

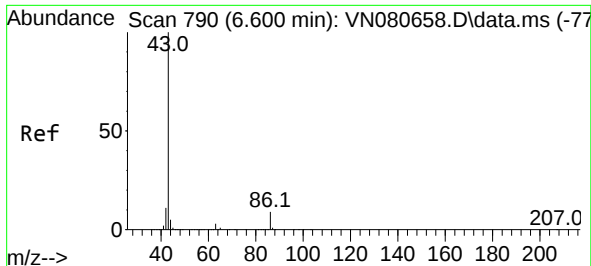
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#22
Diisopropyl ether
Concen: 60.044 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

Tgt Ion: 45 Resp: 505900
Ion Ratio Lower Upper
45 100
43 51.9 45.5 68.3
87 24.2 31.8 47.8
59 11.9 11.6 17.4





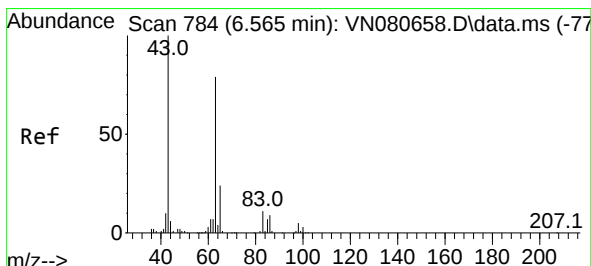
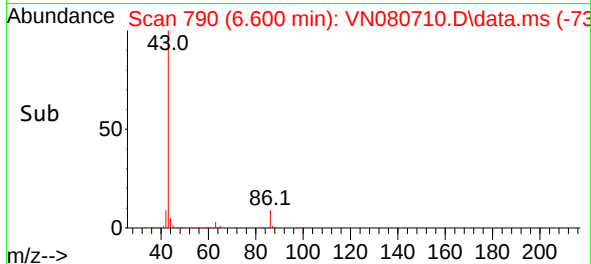
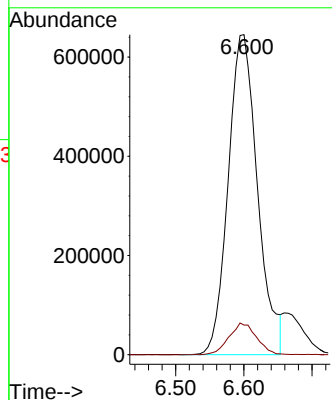
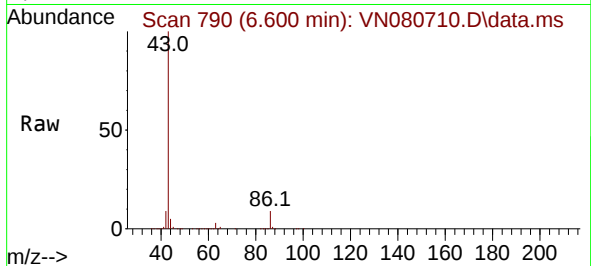
#23
 Vinyl Acetate
 Concen: 281.935 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080710.D
 Acq: 15 Jan 2024 12:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 193338
 Ion Ratio Lower Upper
 43 100
 86 9.3 13.0 19.6

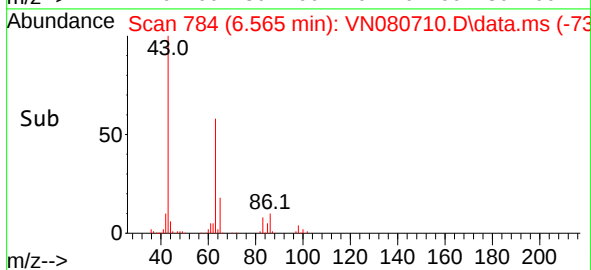
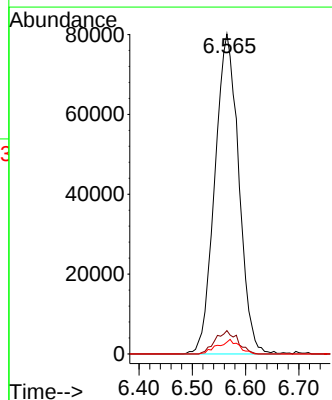
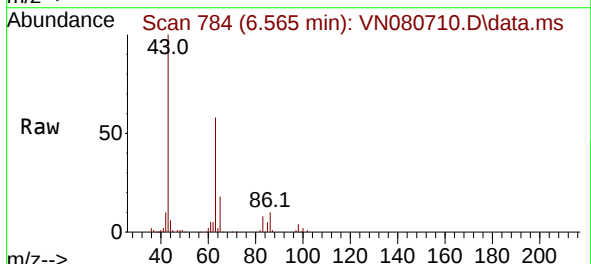
Manual Integrations
 APPROVED

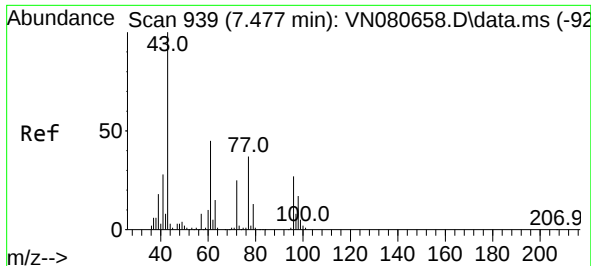
Reviewed By :John Carlone 01/16/2024
 Supervised By :Mahesh Dadoda 01/16/2024



#24
 1,1-Dichloroethane
 Concen: 54.203 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN080710.D
 Acq: 15 Jan 2024 12:04

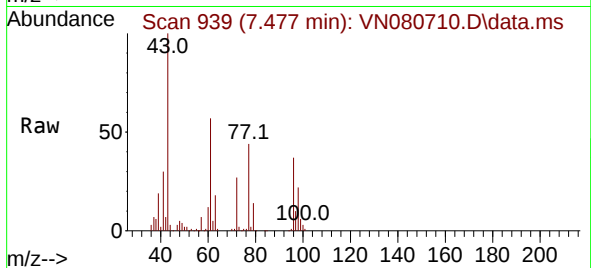
Tgt Ion: 63 Resp: 249989
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 3.7 2.5 7.4





#25
2-Butanone
Concen: 238.954 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

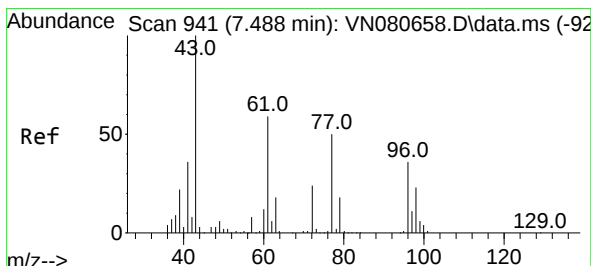
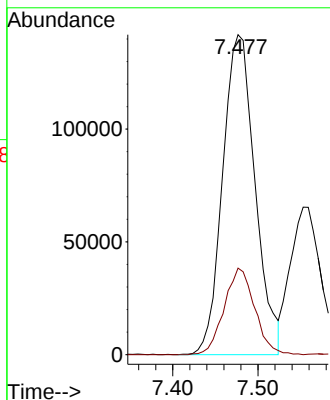
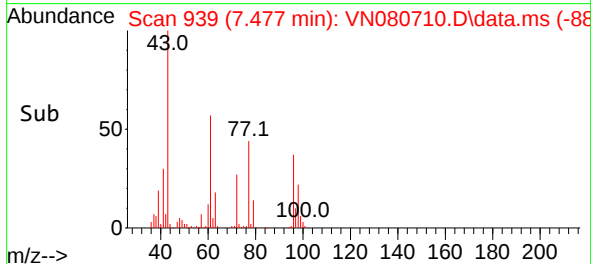
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 375948
Ion Ratio Lower Upper
43 100
72 27.0 30.2 45.2

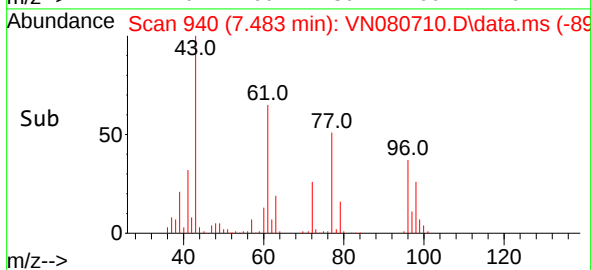
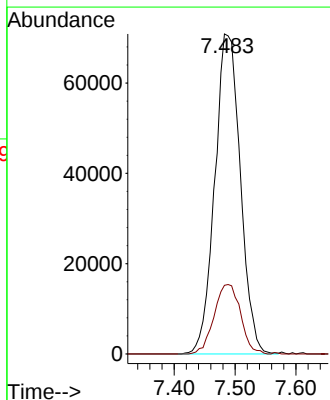
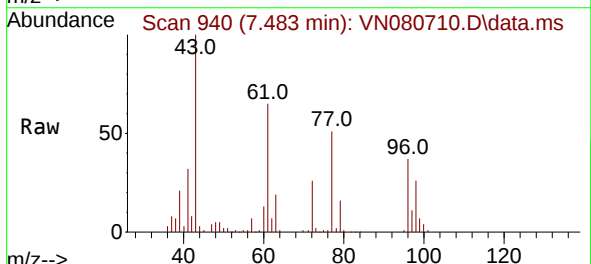
Manual Integrations
APPROVED

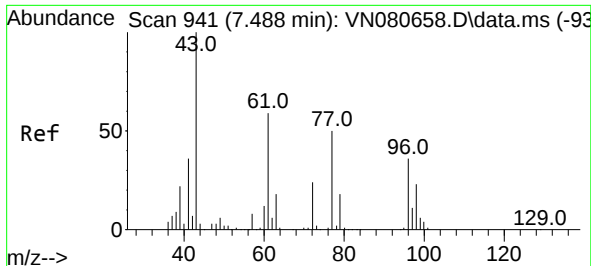
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#26
2,2-Dichloropropane
Concen: 51.316 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

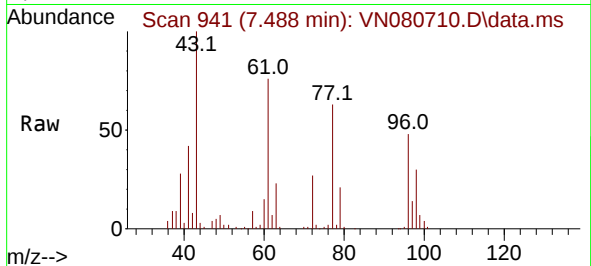
Tgt Ion: 77 Resp: 206990
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 57.881 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

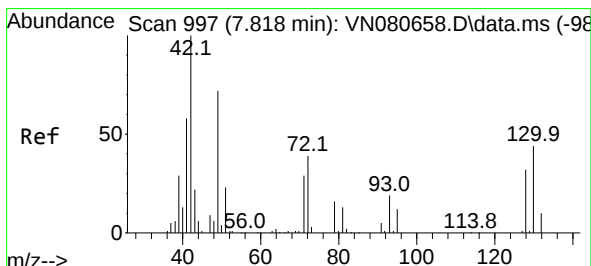
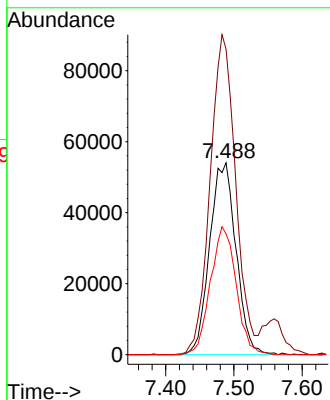
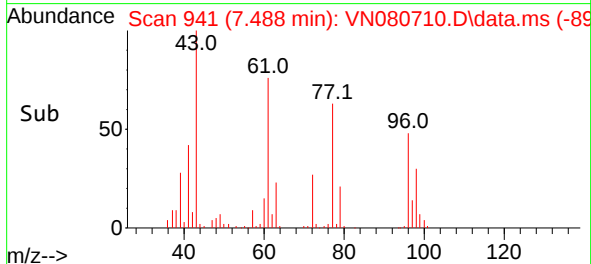
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 14587
Ion Ratio Lower Upper
96 100
61 160.3 0.0 255.2
98 64.9 0.0 128.8

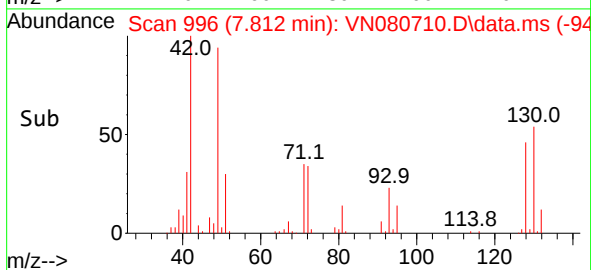
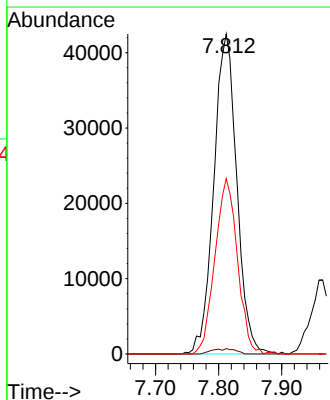
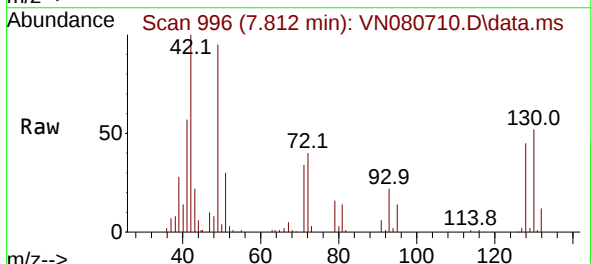
Manual Integrations
APPROVED

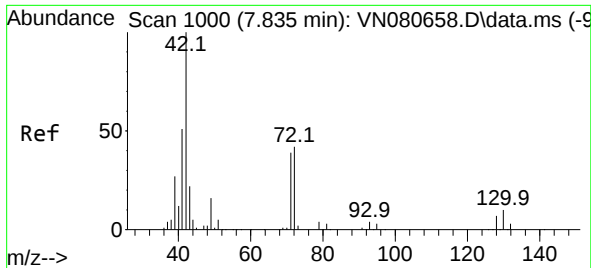
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#28
Bromochloromethane
Concen: 49.823 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

Tgt Ion: 49 Resp: 107426
Ion Ratio Lower Upper
49 100
129 0.9 0.0 4.8
130 53.5 75.3 112.9#





#29

Tetrahydrofuran

Concen: 257.543 ug/l

RT: 7.830 min Scan# 999

Delta R.T. -0.006 min

Lab File: VN080710.D

Acq: 15 Jan 2024 12:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 273109

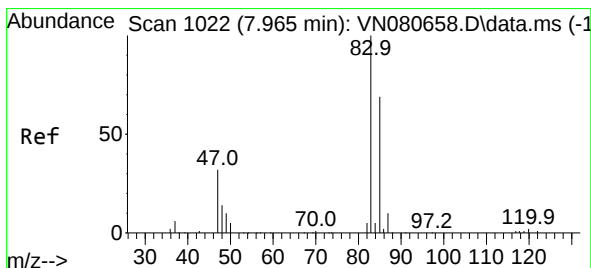
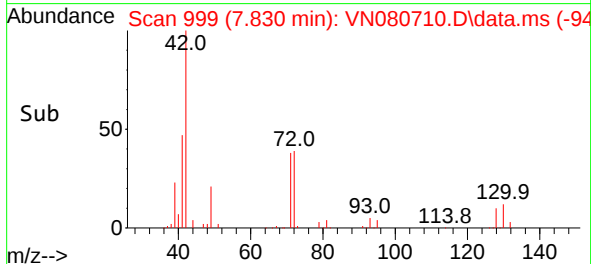
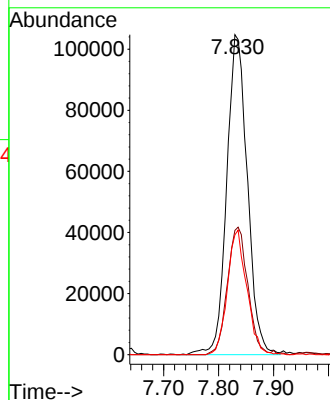
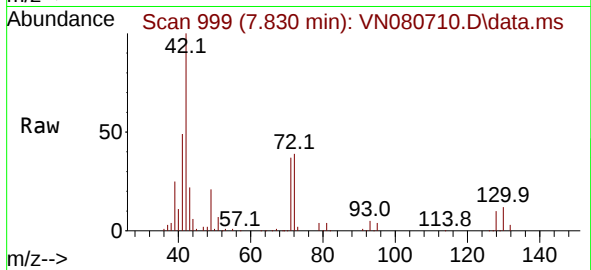
Ion	Ratio	Lower	Upper
42	100		
72	39.4	49.8	74.6
71	36.7	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#30

Chloroform

Concen: 55.332 ug/l

RT: 7.965 min Scan# 1022

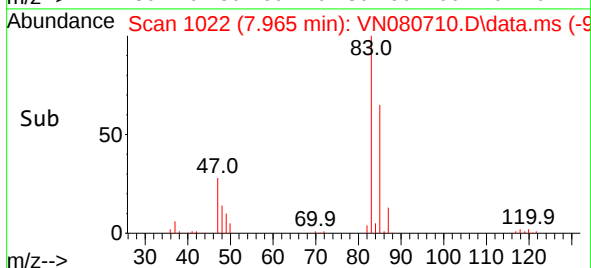
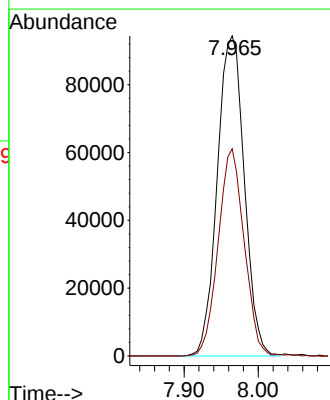
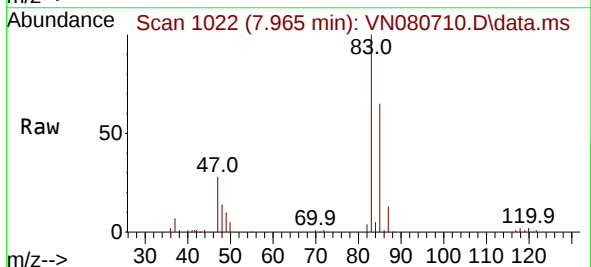
Delta R.T. 0.000 min

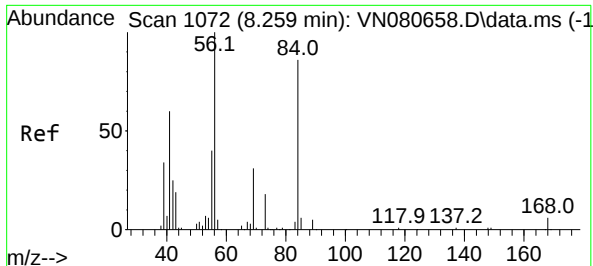
Lab File: VN080710.D

Acq: 15 Jan 2024 12:04

Tgt Ion: 83 Resp: 239240

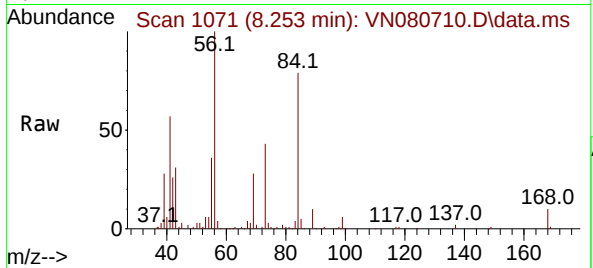
Ion	Ratio	Lower	Upper
83	100		
85	64.7	55.4	83.0





#31
Cyclohexane
Concen: 49.265 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

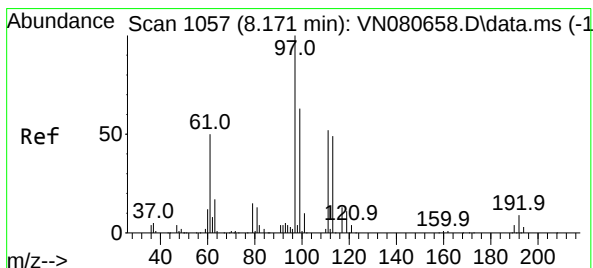
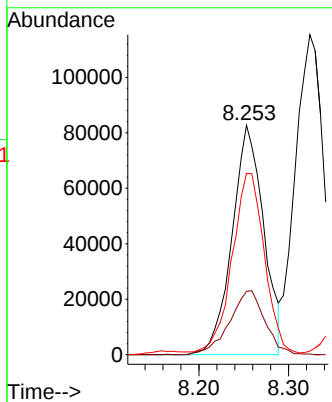
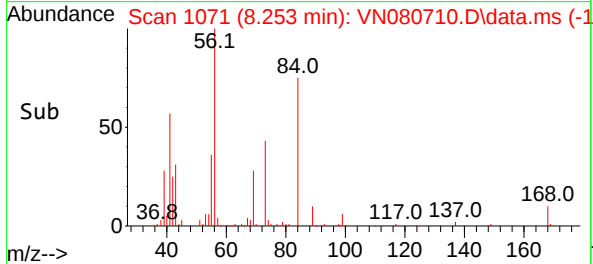
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 20178
Ion Ratio Lower Upper
56 100
69 27.6 26.8 40.2
84 77.7 81.8 122.6

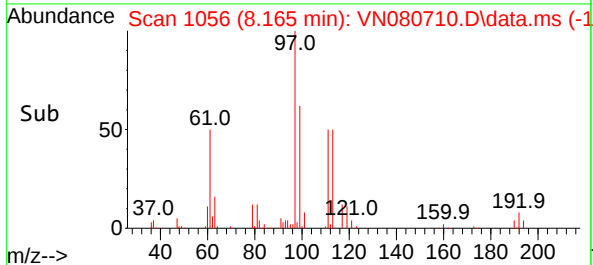
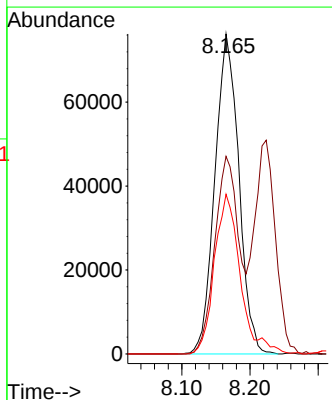
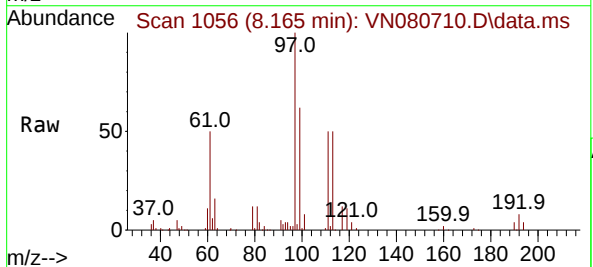
Manual Integrations
APPROVED

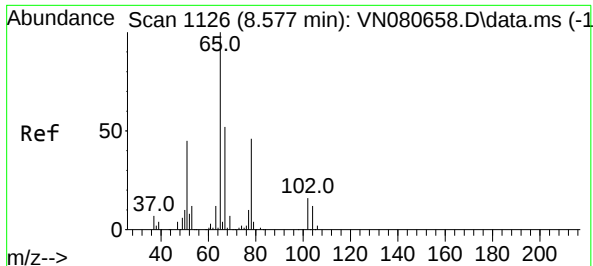
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#32
1,1,1-Trichloroethane
Concen: 48.407 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

Tgt Ion: 97 Resp: 186309
Ion Ratio Lower Upper
97 100
99 62.4 50.3 75.5
61 54.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 45.928 ug/l

RT: 8.571 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080710.D

Acq: 15 Jan 2024 12:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDC050

Tgt Ion: 65 Resp: 12176

Ion Ratio Lower Upper

65 100

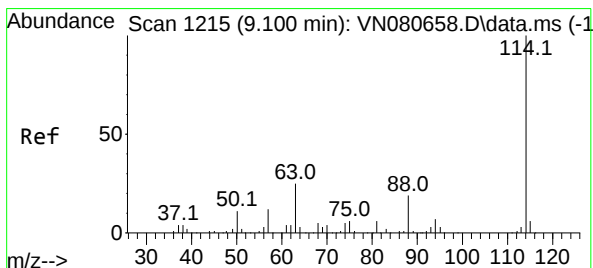
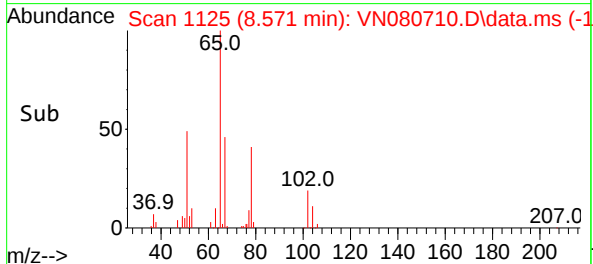
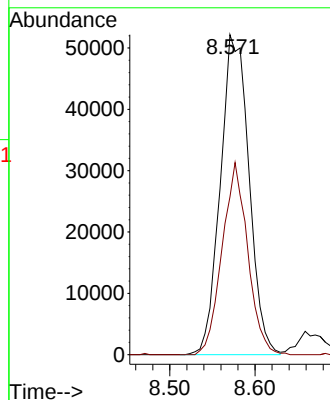
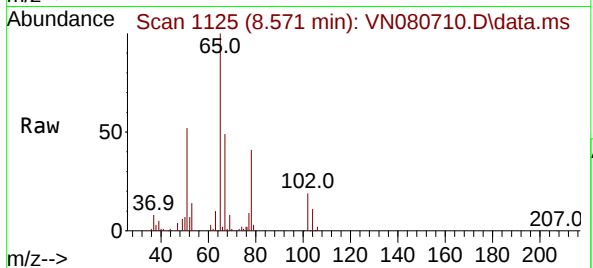
67 53.8 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080710.D

Acq: 15 Jan 2024 12:04

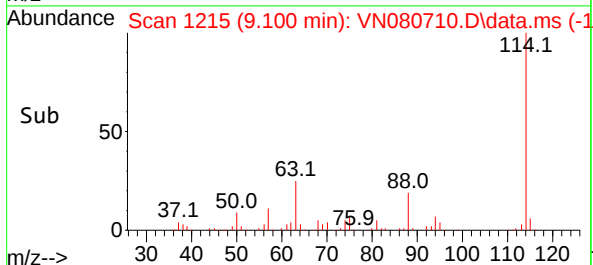
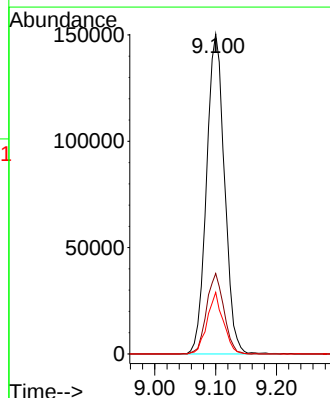
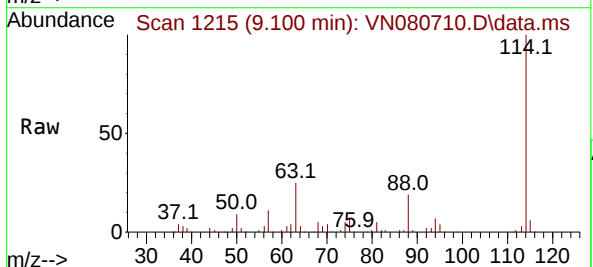
Tgt Ion:114 Resp: 308031

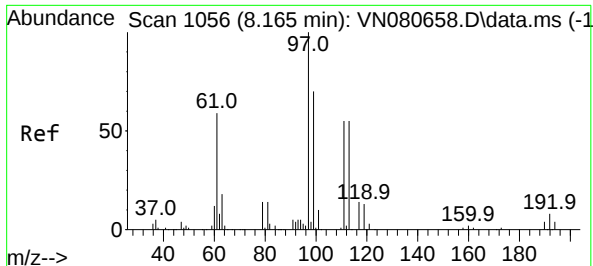
Ion Ratio Lower Upper

114 100

63 25.2 0.0 36.4

88 19.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.666 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080710.D

Acq: 15 Jan 2024 12:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 90424

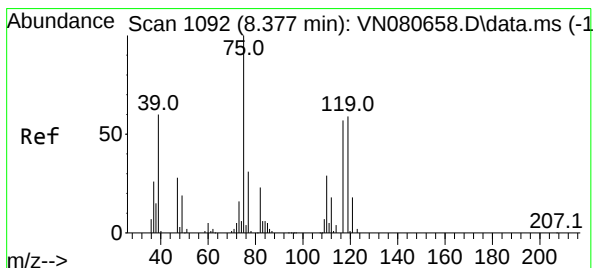
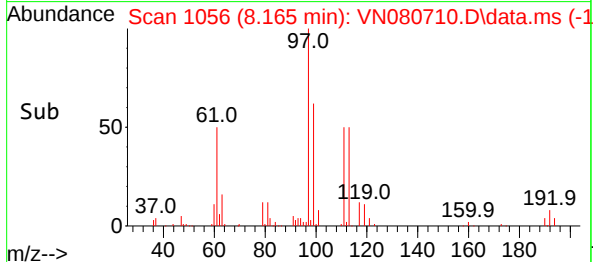
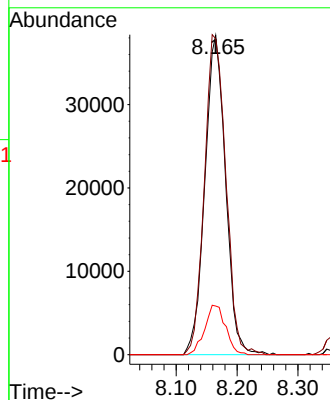
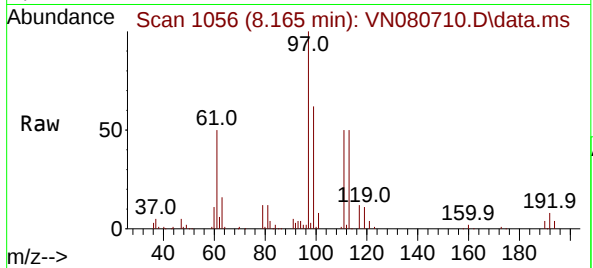
Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.6	123.8
192	15.6	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#36

1,1-Dichloropropene

Concen: 49.265 ug/l

RT: 8.371 min Scan# 1091

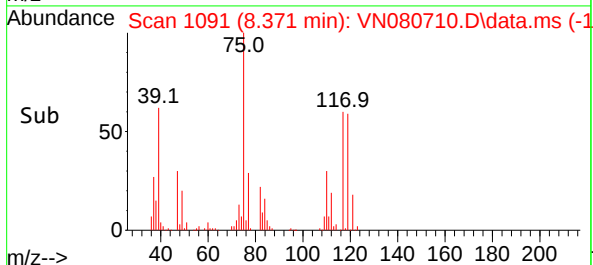
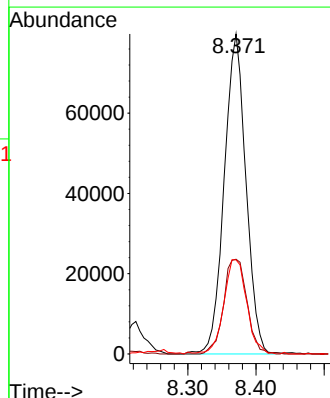
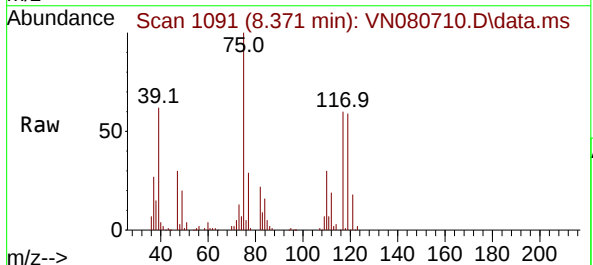
Delta R.T. -0.006 min

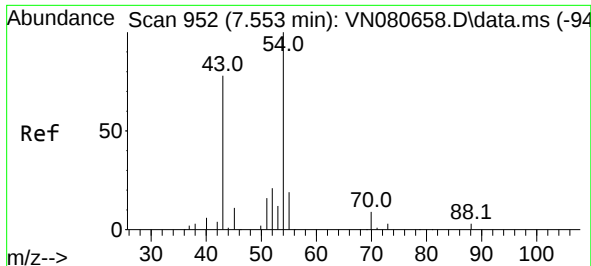
Lab File: VN080710.D

Acq: 15 Jan 2024 12:04

Tgt Ion: 75 Resp: 176617

Ion	Ratio	Lower	Upper
75	100		
110	31.9	19.1	57.3
77	31.2	25.0	37.4





#37

Ethyl Acetate

Concen: 48.772 ug/l

RT: 7.553 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN080710.D

Acq: 15 Jan 2024 12:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 16955

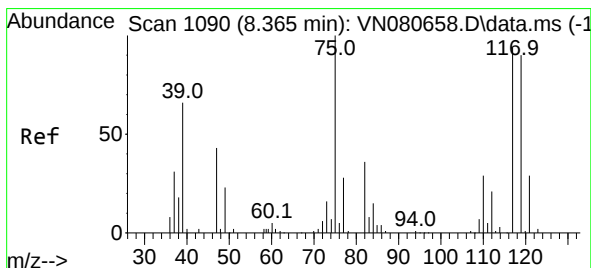
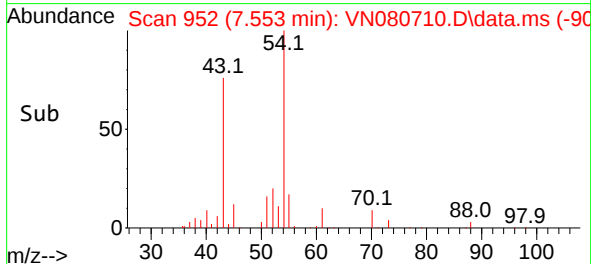
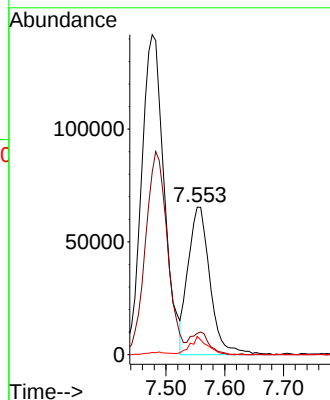
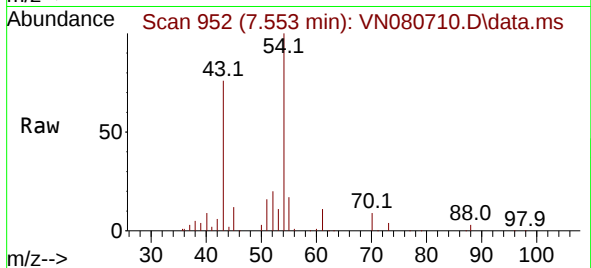
Ion	Ratio	Lower	Upper
43	100		
61	12.6	13.2	19.8
70	9.7	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#38

Carbon Tetrachloride

Concen: 45.566 ug/l

RT: 8.359 min Scan# 1089

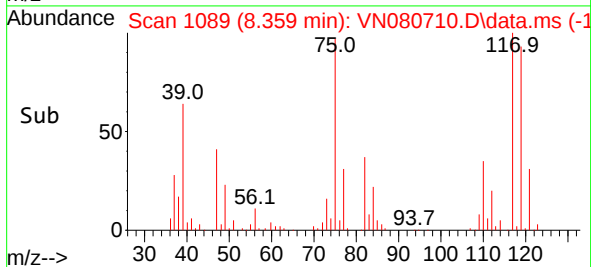
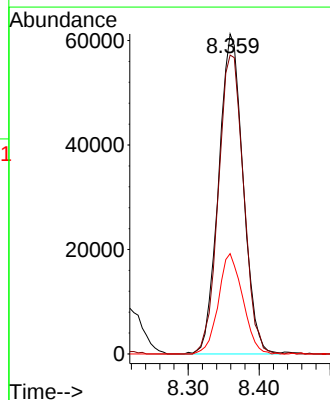
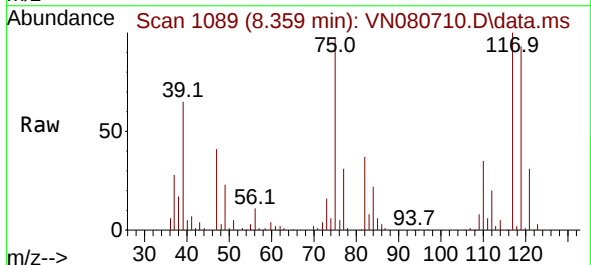
Delta R.T. -0.006 min

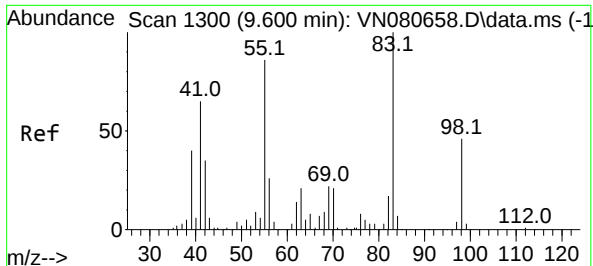
Lab File: VN080710.D

Acq: 15 Jan 2024 12:04

Tgt Ion:117 Resp: 146675

Ion	Ratio	Lower	Upper
117	100		
119	93.4	77.3	115.9
121	31.4	23.3	34.9





#39

Methylcyclohexane

Concen: 49.167 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN080710.D

Acq: 15 Jan 2024 12:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 16868

Ion Ratio Lower Upper

83 100

55 81.5 49.1 73.7

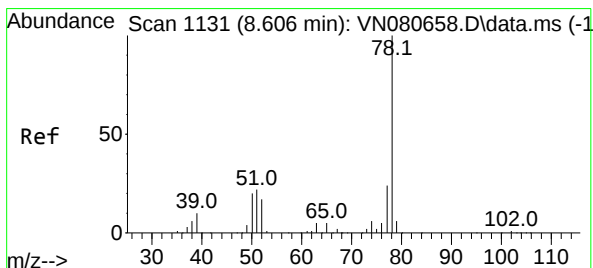
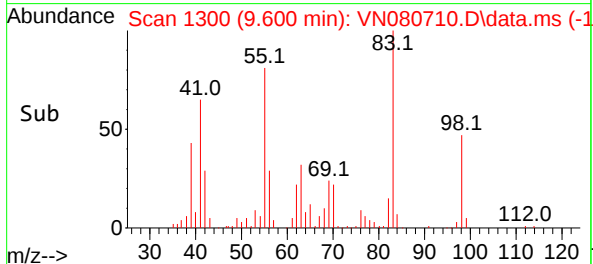
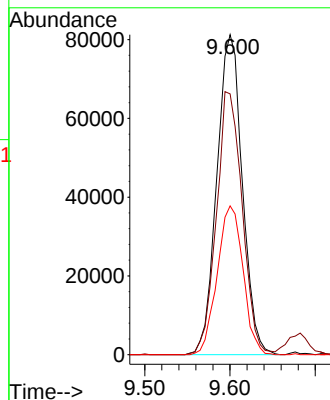
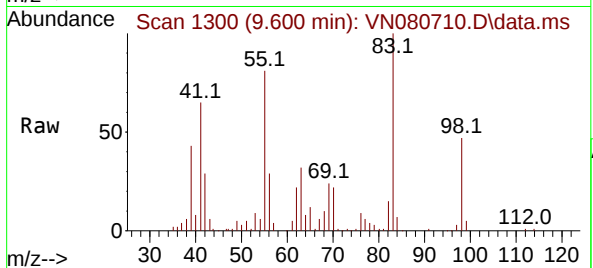
98 46.5 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#40

Benzene

Concen: 56.205 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080710.D

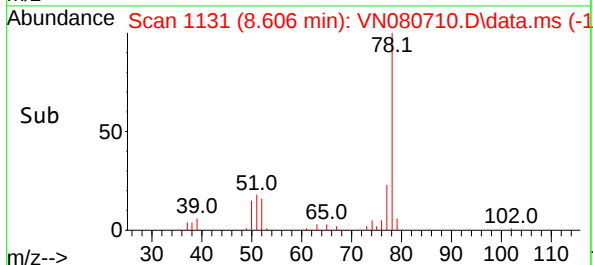
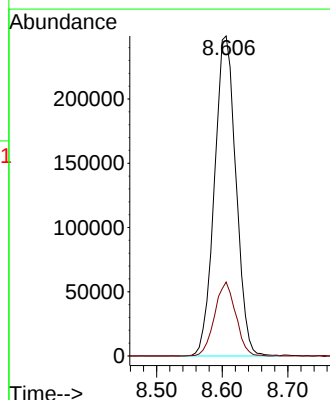
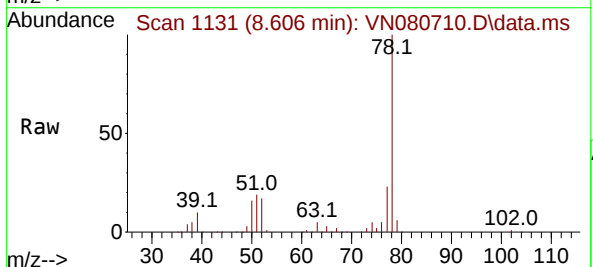
Acq: 15 Jan 2024 12:04

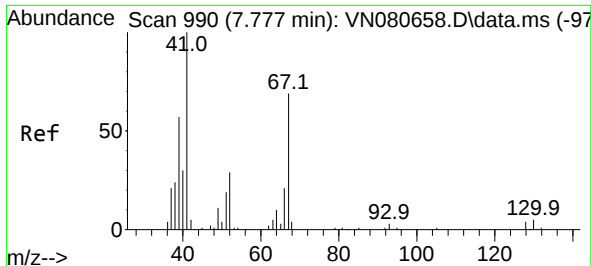
Tgt Ion: 78 Resp: 566451

Ion Ratio Lower Upper

78 100

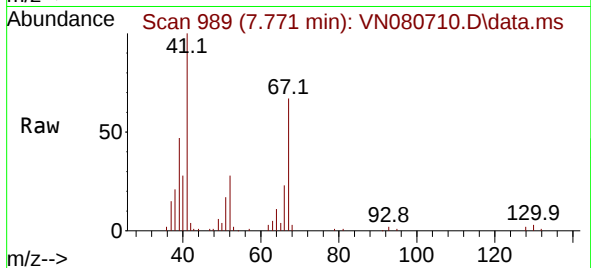
77 23.1 19.0 28.6





#41
Methacrylonitrile
Concen: 50.030 ug/l
RT: 7.771 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

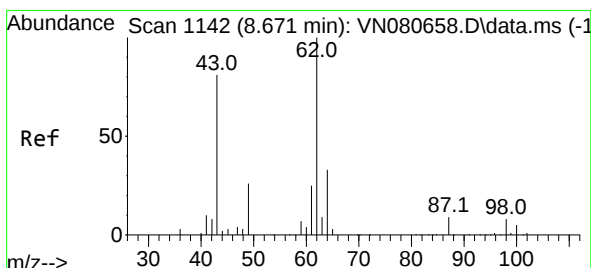
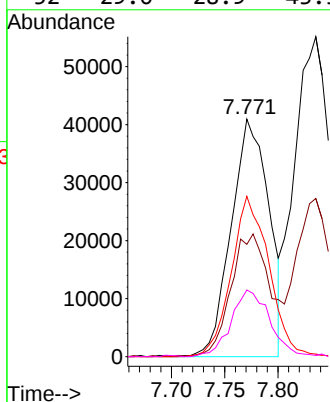
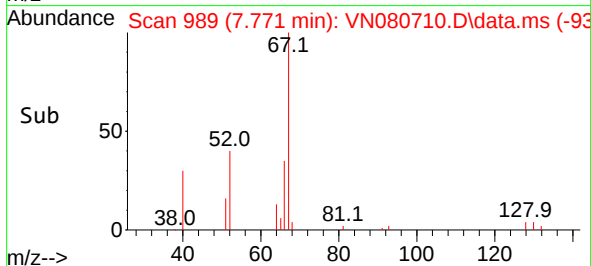
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



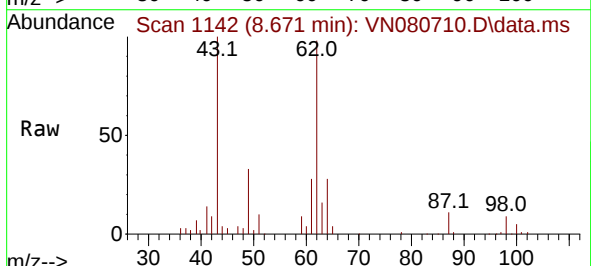
Tgt Ion: 41 Resp: 10088
Ion Ratio Lower Upper
41 100
39 55.4 42.6 64.0
67 67.7 77.5 116.3
52 29.0 28.9 43.3

Manual Integrations
APPROVED

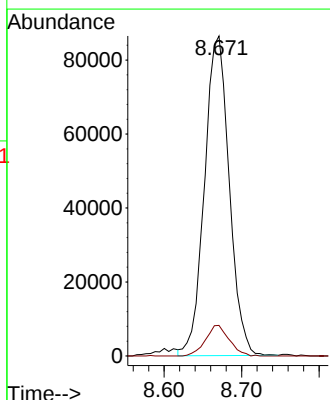
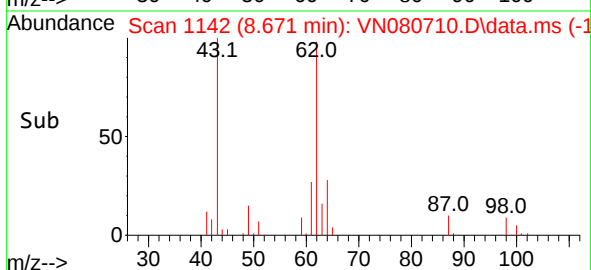
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

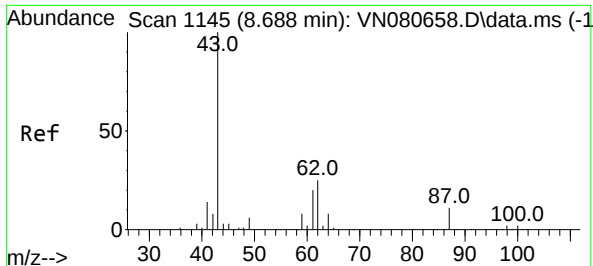


#42
1,2-Dichloroethane
Concen: 49.659 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04



Tgt Ion: 62 Resp: 191603
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.8





#43

Isopropyl Acetate

Concen: 50.164 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.006 min

Lab File: VN080710.D

Acq: 15 Jan 2024 12:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 320558

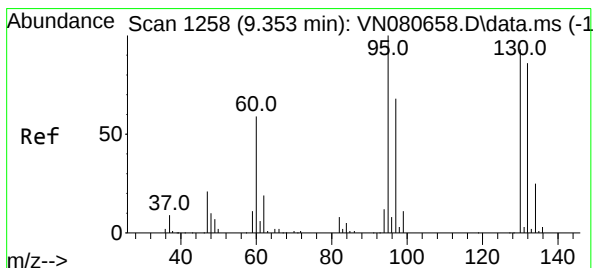
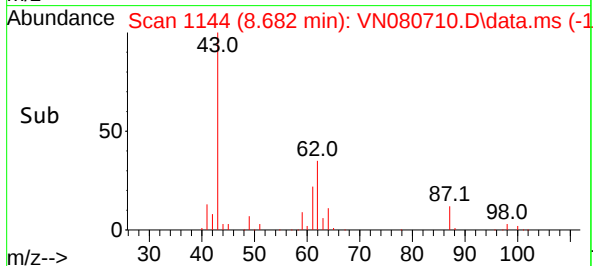
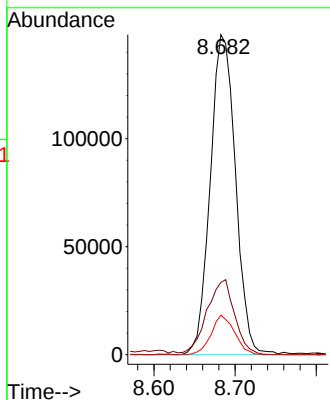
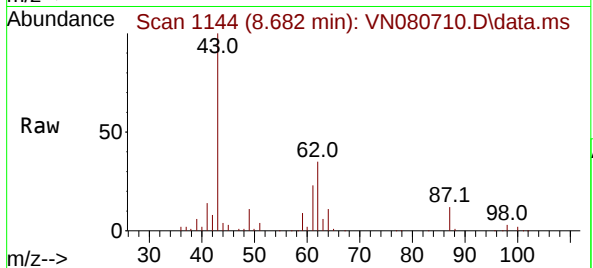
Ion	Ratio	Lower	Upper
43	100		
61	25.8	24.7	37.1
87	11.4	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#44

Trichloroethene

Concen: 49.793 ug/l

RT: 9.347 min Scan# 1257

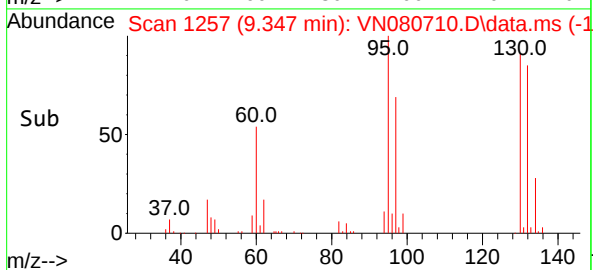
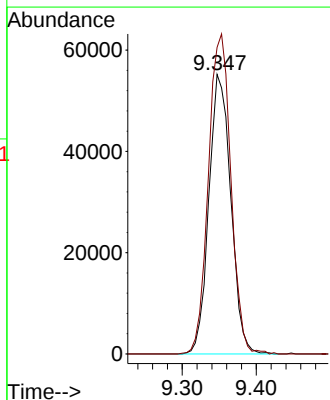
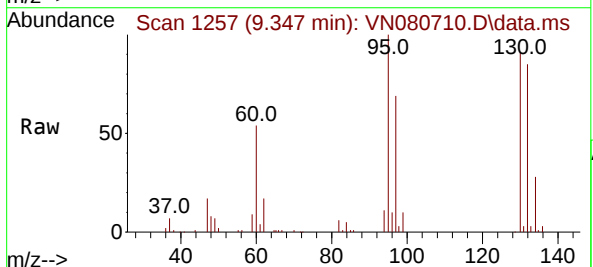
Delta R.T. -0.006 min

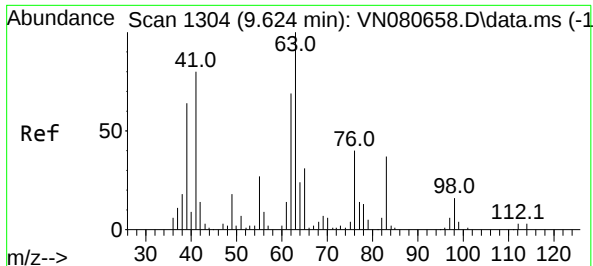
Lab File: VN080710.D

Acq: 15 Jan 2024 12:04

Tgt Ion:130 Resp: 113606

Ion	Ratio	Lower	Upper
130	100		
95	109.7	0.0	204.6





#45

1,2-Dichloropropane

Concen: 57.334 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080710.D

Acq: 15 Jan 2024 12:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 15319

Ion Ratio Lower Upper

63 100

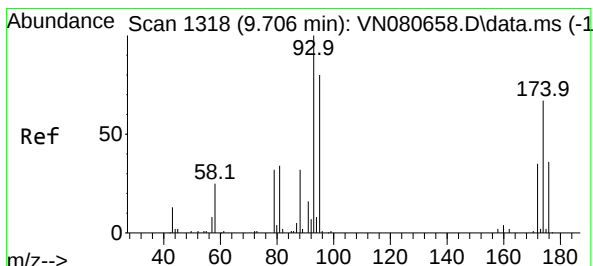
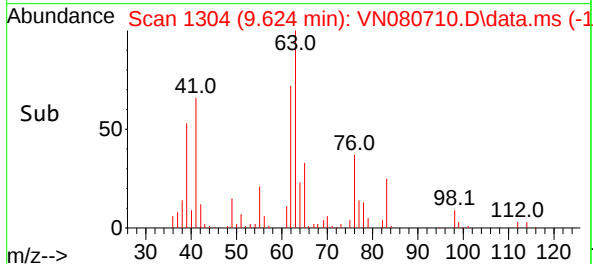
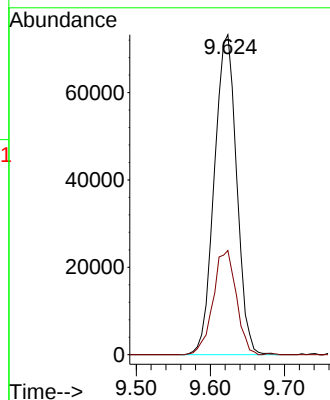
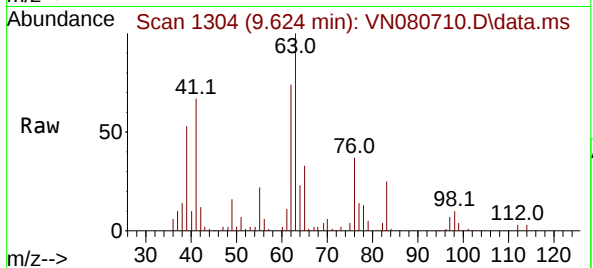
65 32.6 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#46

Dibromomethane

Concen: 51.760 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN080710.D

Acq: 15 Jan 2024 12:04

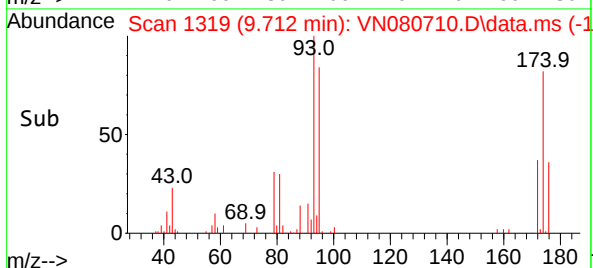
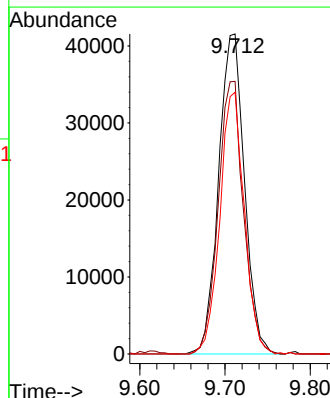
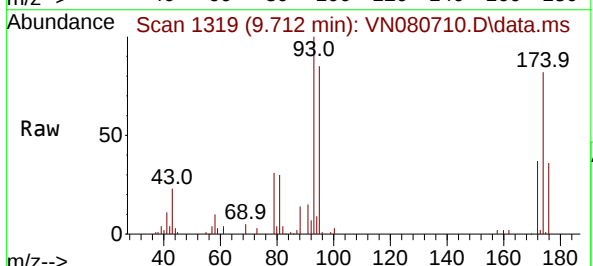
Tgt Ion: 93 Resp: 87500

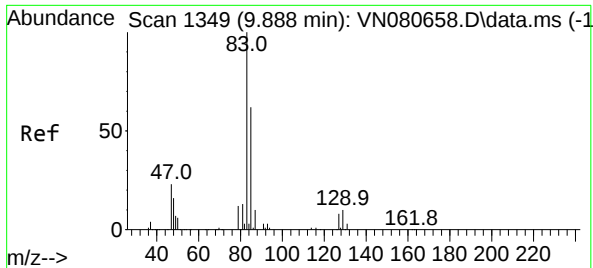
Ion Ratio Lower Upper

93 100

95 83.6 63.8 95.8

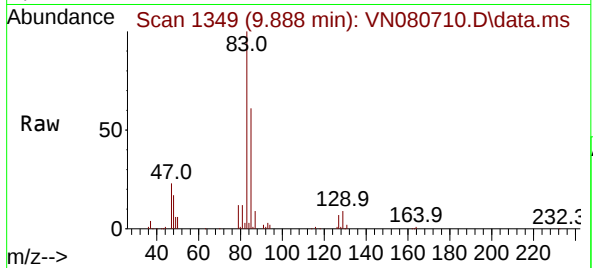
174 77.8 65.6 98.4





#47
Bromodichloromethane
Concen: 51.284 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

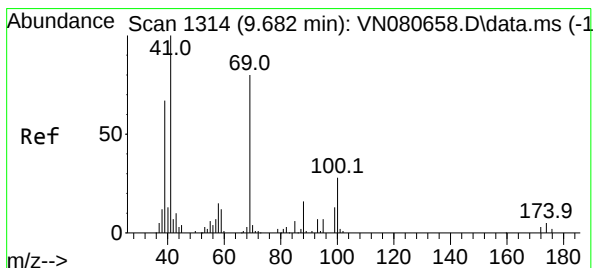
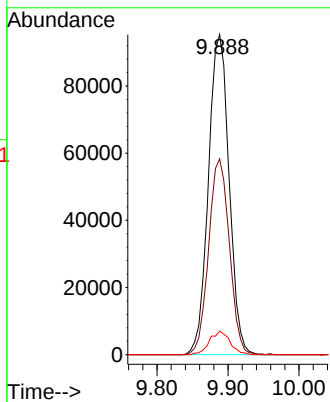
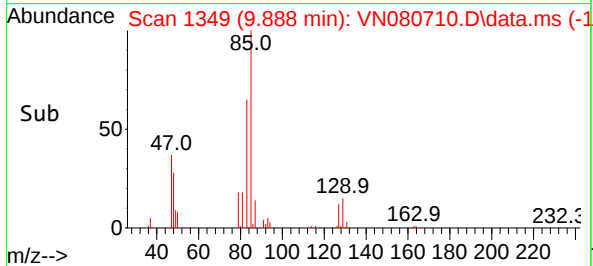
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



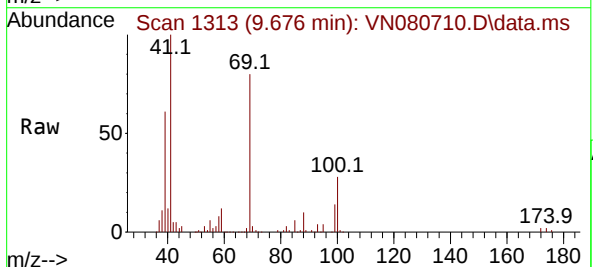
Tgt Ion: 83 Resp: 192425
Ion Ratio Lower Upper
83 100
85 61.2 49.6 74.4
127 7.4 7.0 10.6

Manual Integrations
APPROVED

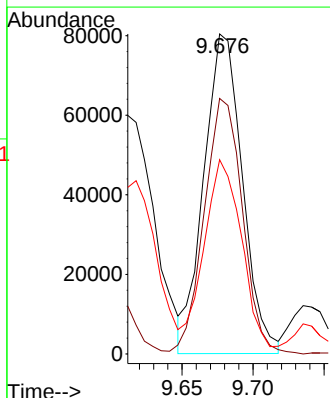
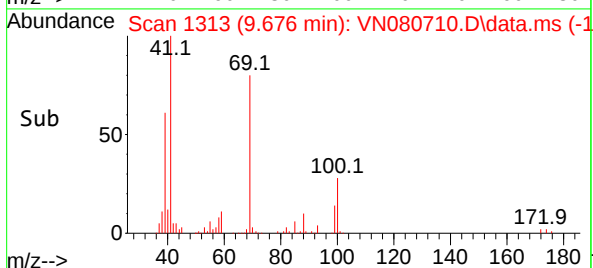
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

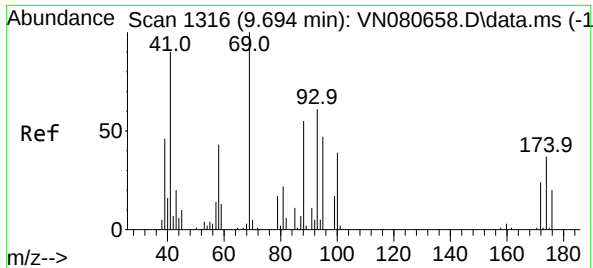


#48
Methyl methacrylate
Concen: 50.172 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04



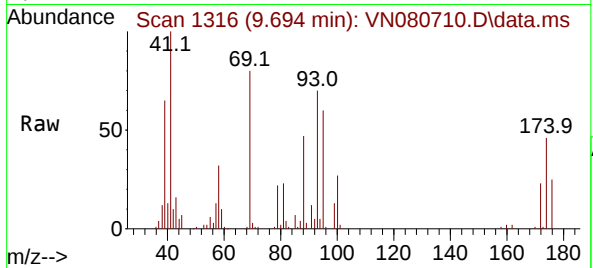
Tgt Ion: 41 Resp: 151793
Ion Ratio Lower Upper
41 100
69 79.2 90.4 135.6#
39 60.6 54.6 81.8





#49
1,4-Dioxane
Concen: 934.292 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

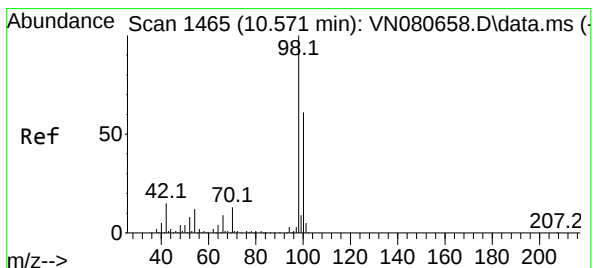
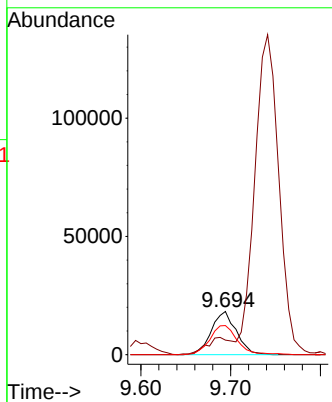
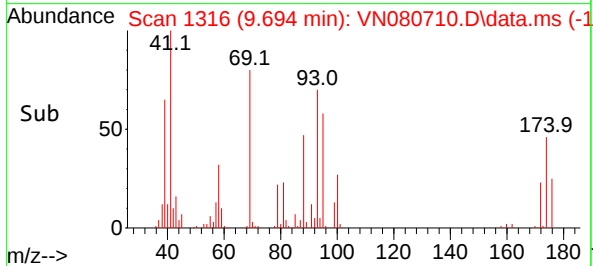
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



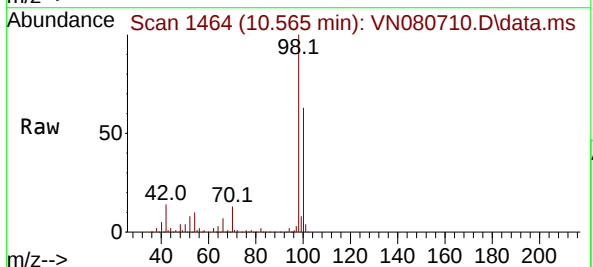
Tgt Ion: 88 Resp: 35220
Ion Ratio Lower Upper
88 100
43 43.3 17.0 25.6
58 74.6 47.0 70.4

Manual Integrations
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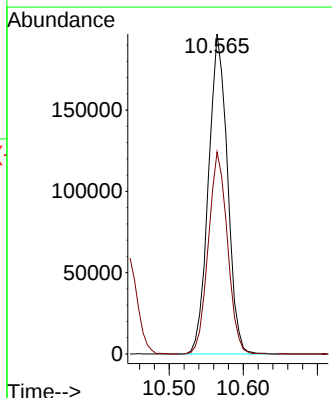
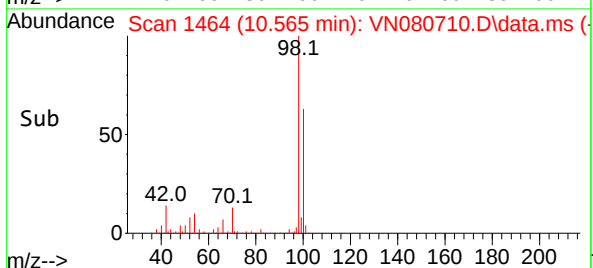
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

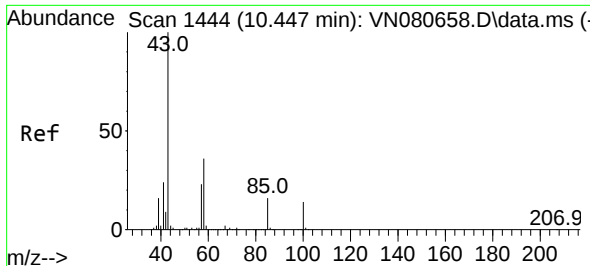


#50
Toluene-d8
Concen: 52.432 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04



Tgt Ion: 98 Resp: 349901
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0





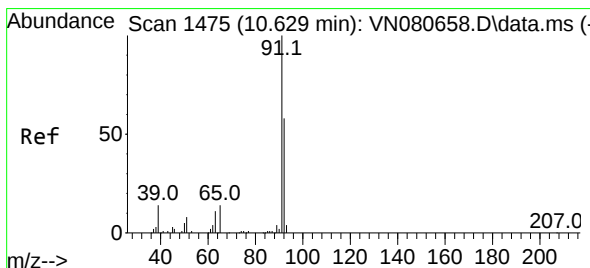
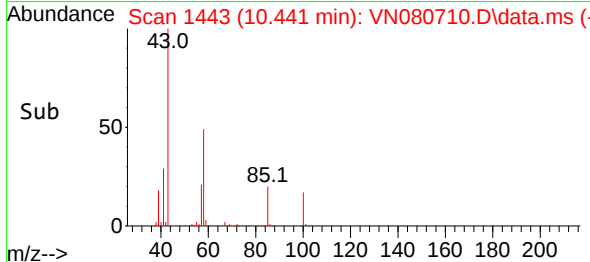
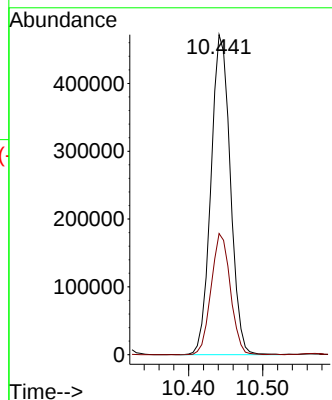
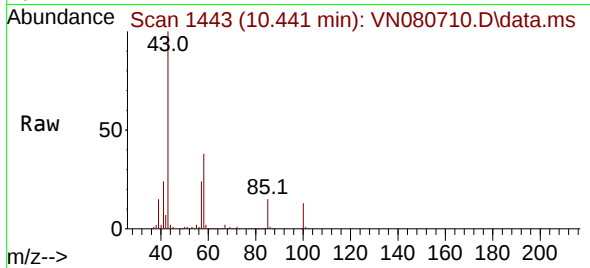
#51
4-Methyl-2-Pentanone
Concen: 248.630 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 857130
Ion Ratio Lower Upper
43 100
58 37.5 36.6 54.8

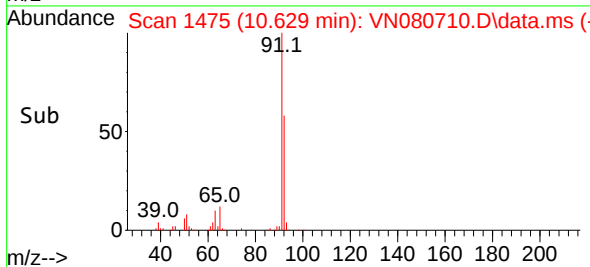
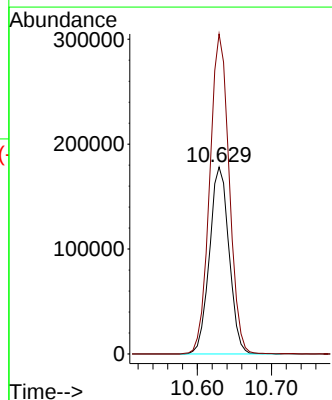
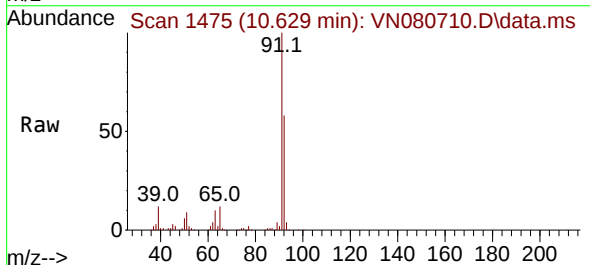
Manual Integrations
APPROVED

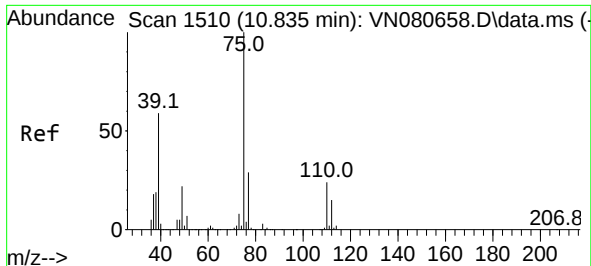
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#52
Toluene
Concen: 56.421 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

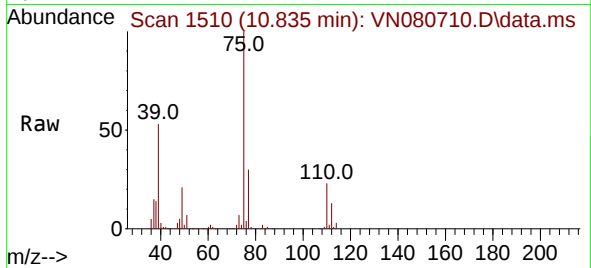
Tgt Ion: 92 Resp: 325796
Ion Ratio Lower Upper
92 100
91 171.0 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 55.362 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

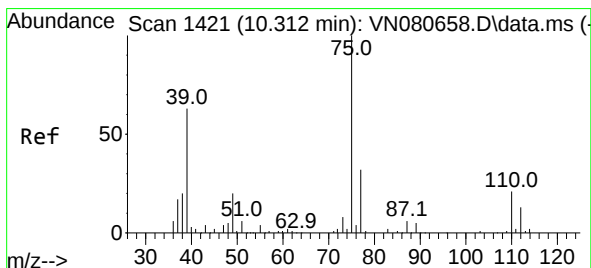
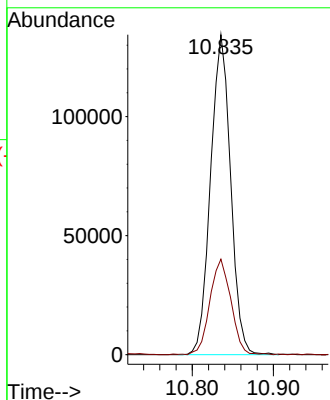
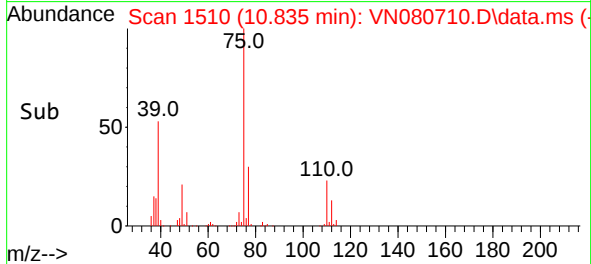
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 23056
Ion Ratio Lower Upper
75 100
77 29.8 25.4 38.0

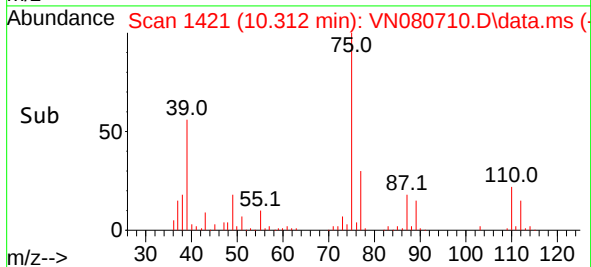
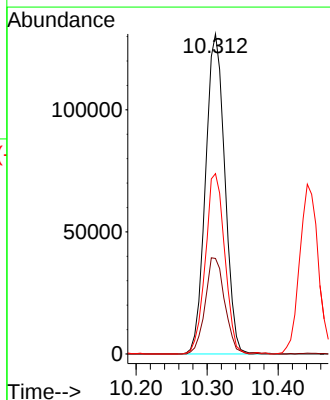
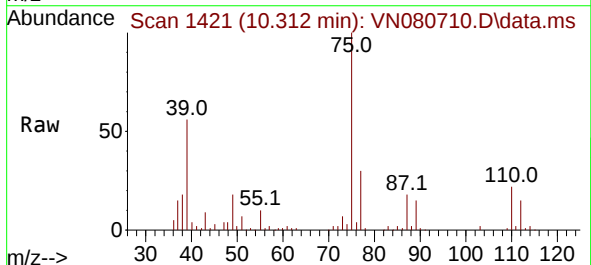
Manual Integrations
APPROVED

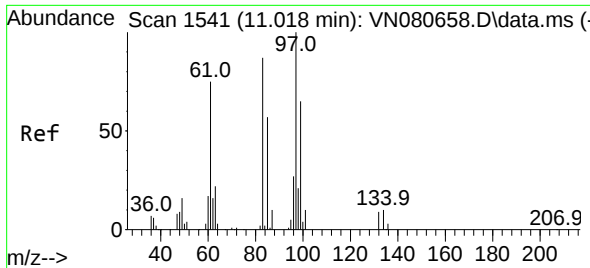
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#54
cis-1,3-Dichloropropene
Concen: 56.087 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

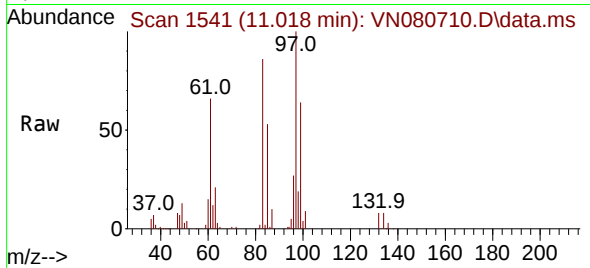
Tgt Ion: 75 Resp: 247707
Ion Ratio Lower Upper
75 100
77 29.8 26.1 39.1
39 56.4 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 55.840 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

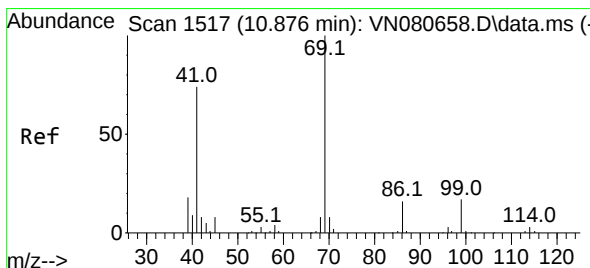
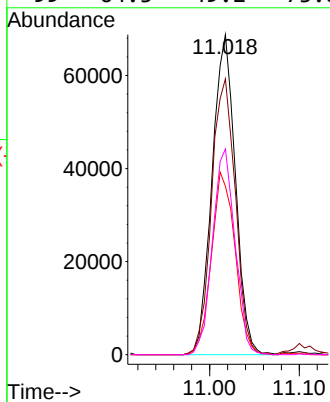
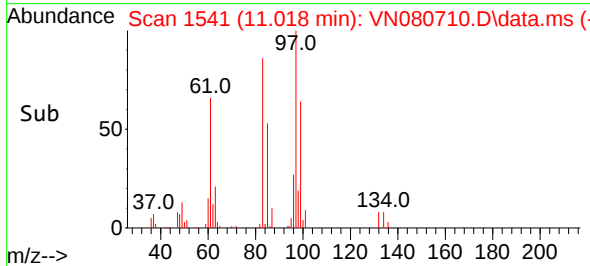
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 124109
Ion Ratio Lower Upper
97 100
83 86.2 65.1 97.7
85 52.7 43.4 65.2
99 64.3 49.2 73.8

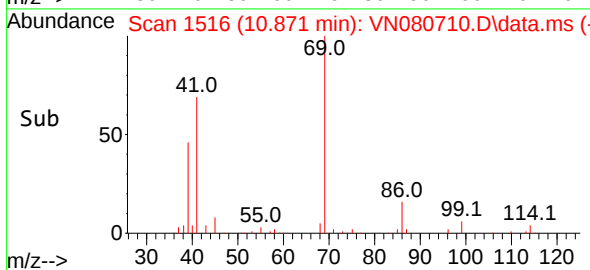
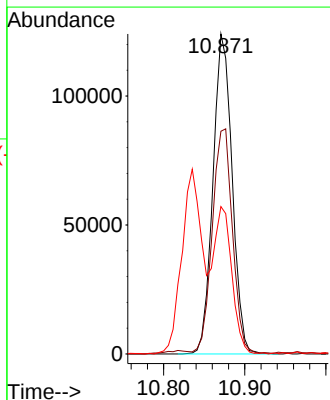
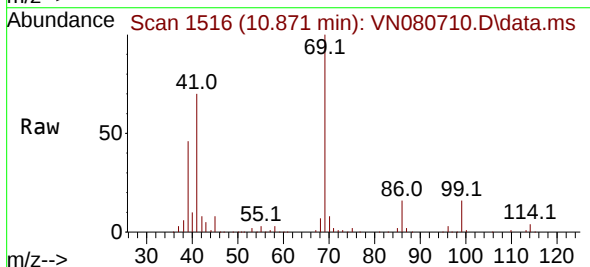
Manual Integrations
APPROVED

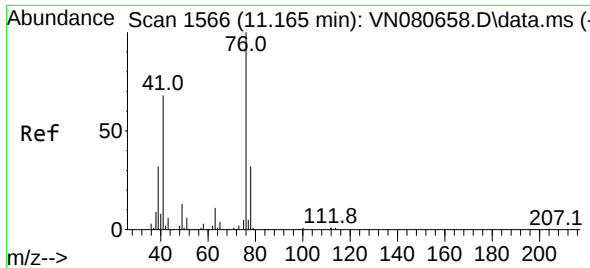
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#56
Ethyl methacrylate
Concen: 51.178 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

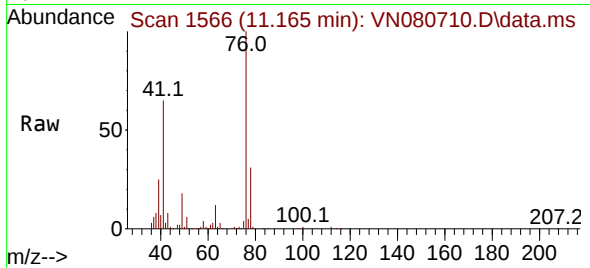
Tgt Ion: 69 Resp: 203733
Ion Ratio Lower Upper
69 100
41 74.0 39.6 59.4#
39 45.0 28.6 43.0#





#57
1,3-Dichloropropane
Concen: 58.047 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

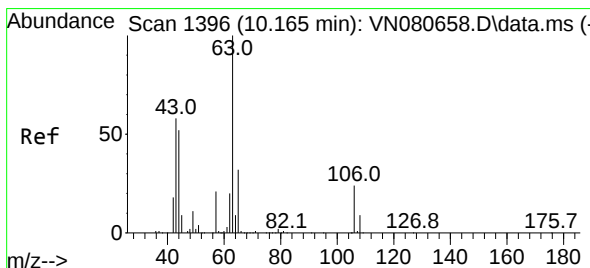
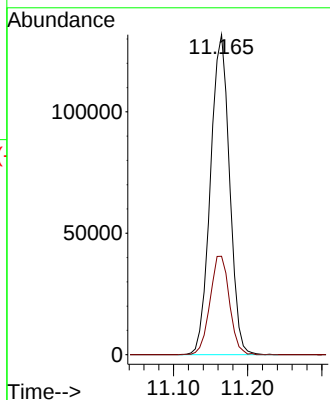
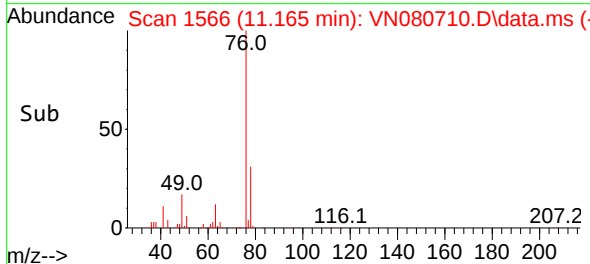
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 23553
Ion Ratio Lower Upper
76 100
78 31.4 26.1 39.1

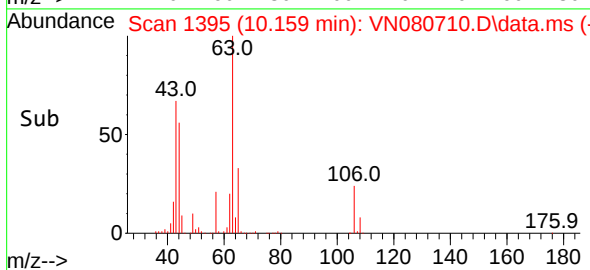
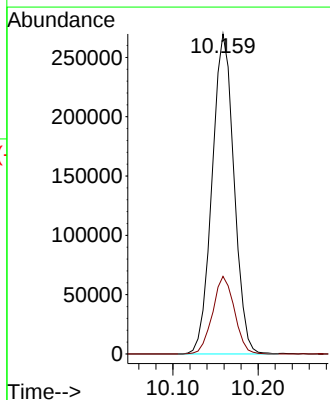
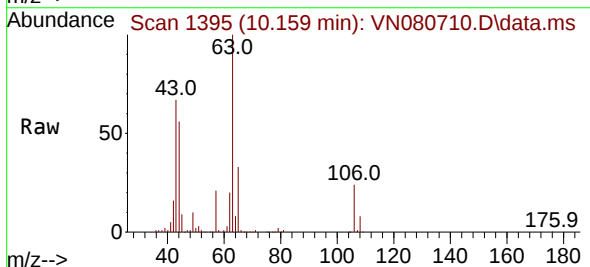
Manual Integrations
APPROVED

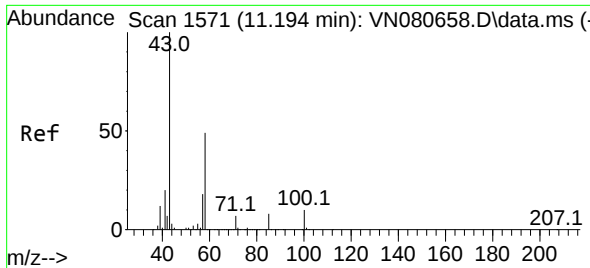
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#58
2-Chloroethyl Vinyl ether
Concen: 252.573 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

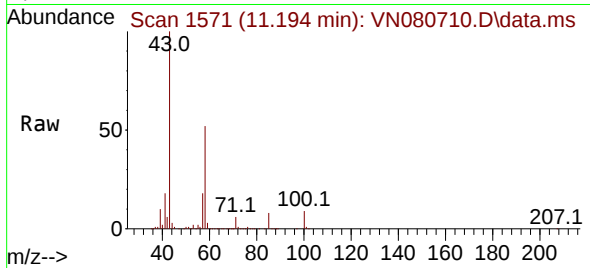
Tgt Ion: 63 Resp: 481591
Ion Ratio Lower Upper
63 100
106 24.1 26.2 39.4#





#59
2-Hexanone
Concen: 241.970 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

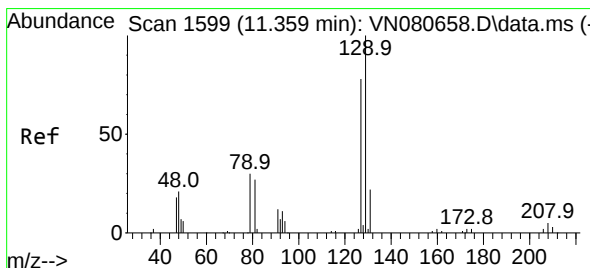
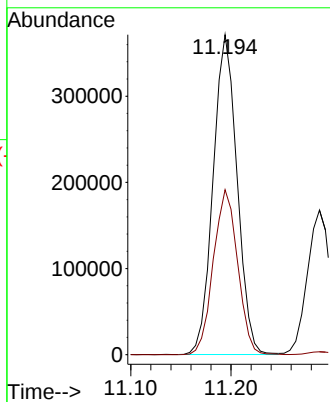
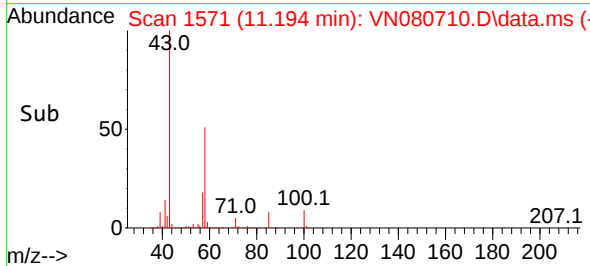
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 615798
Ion Ratio Lower Upper
43 100
58 52.2 31.7 95.1

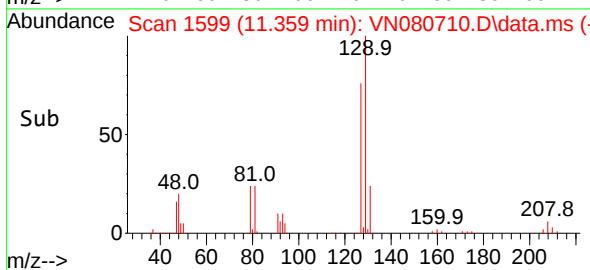
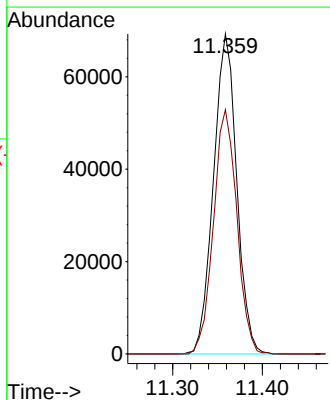
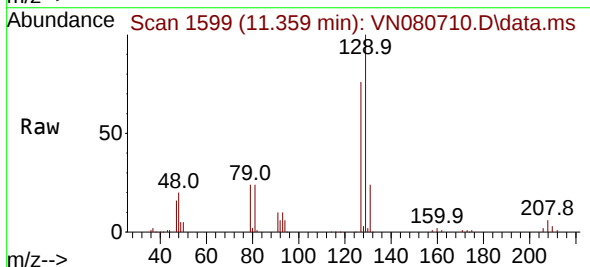
Manual Integrations
APPROVED

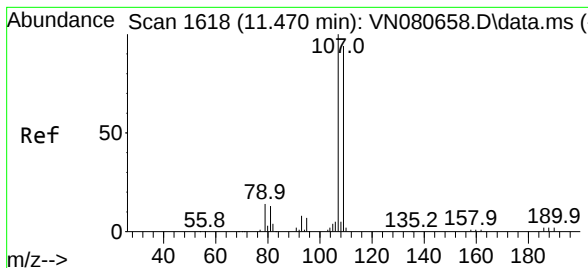
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#60
Dibromochloromethane
Concen: 54.555 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

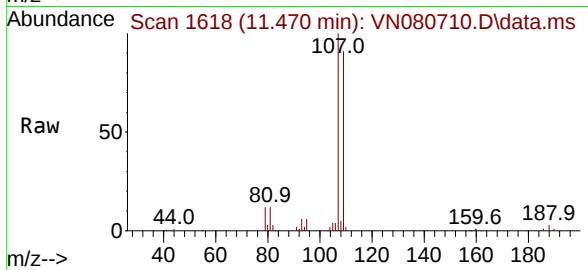
Tgt Ion:129 Resp: 124617
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 55.301 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

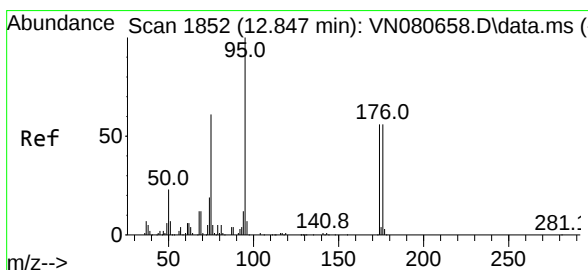
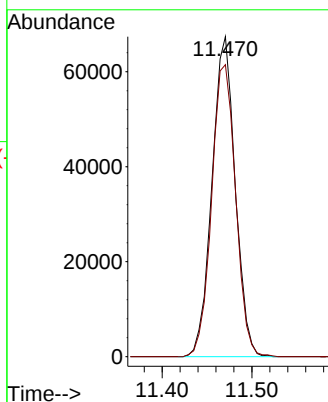
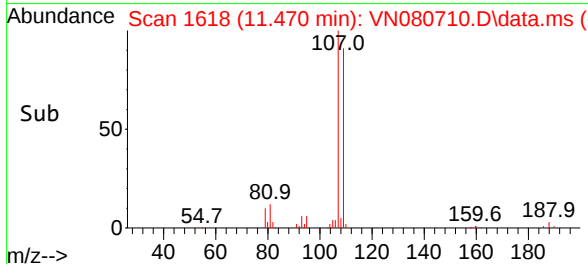
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



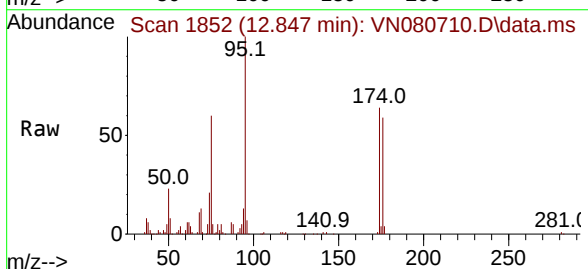
Tgt Ion:107 Resp: 120823
Ion Ratio Lower Upper
107 100
109 94.4 76.6 114.8

Manual Integrations
APPROVED

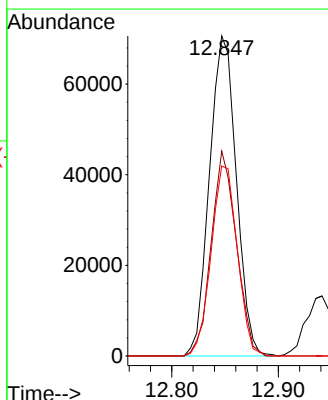
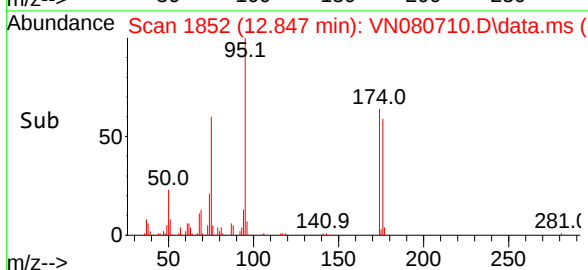
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

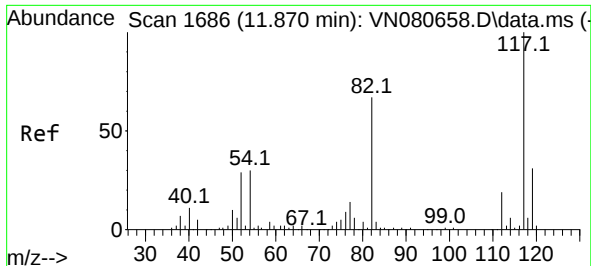


#62
4-Bromofluorobenzene
Concen: 48.283 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04



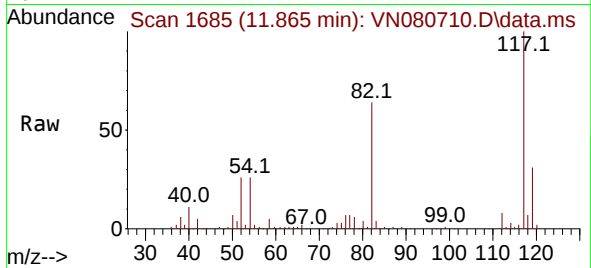
Tgt Ion: 95 Resp: 123563
Ion Ratio Lower Upper
95 100
174 59.9 0.0 143.8
176 57.8 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

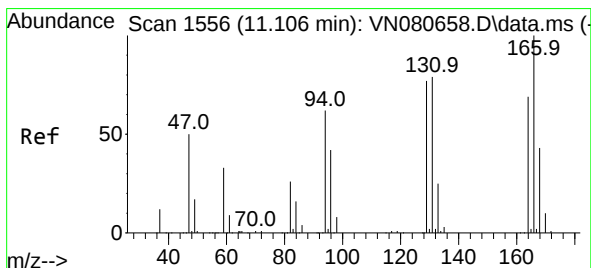
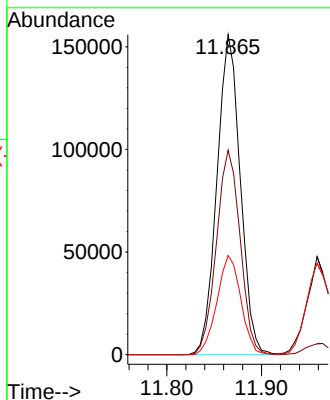
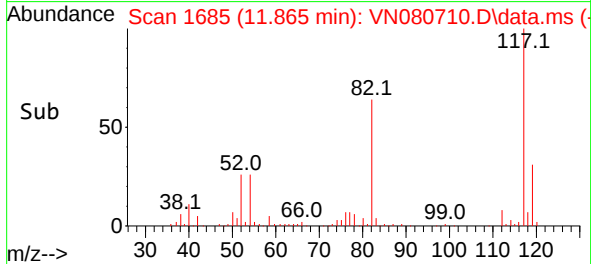
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



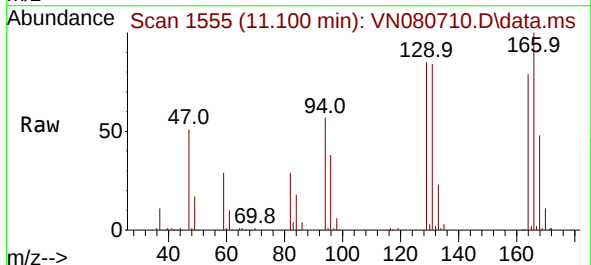
Tgt Ion:117 Resp: 267360
Ion Ratio Lower Upper
117 100
82 63.9 44.0 66.0
119 31.0 25.6 38.4

Manual Integrations
APPROVED

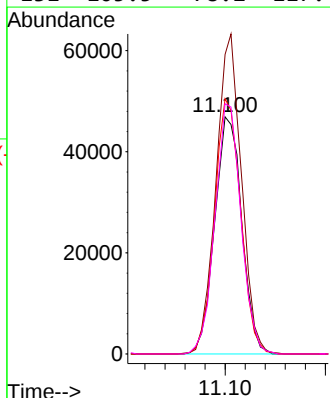
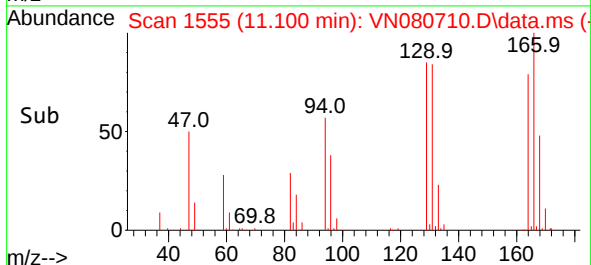
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

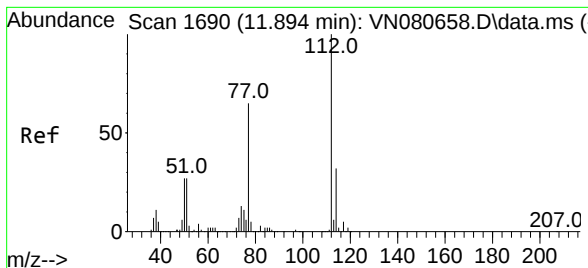


#64
Tetrachloroethene
Concen: 47.798 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04



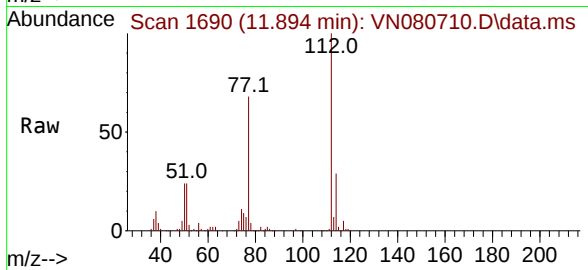
Tgt Ion:164 Resp: 87762
Ion Ratio Lower Upper
164 100
166 126.3 101.4 152.0
129 107.6 82.4 123.6
131 105.5 78.2 117.4





#65
Chlorobenzene
Concen: 53.823 ug/l
RT: 11.894 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

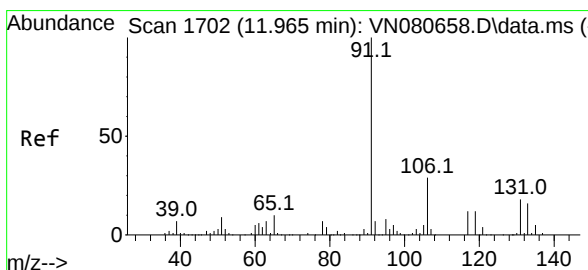
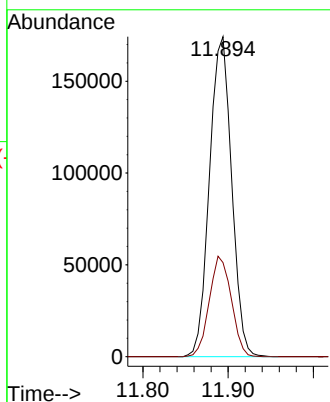
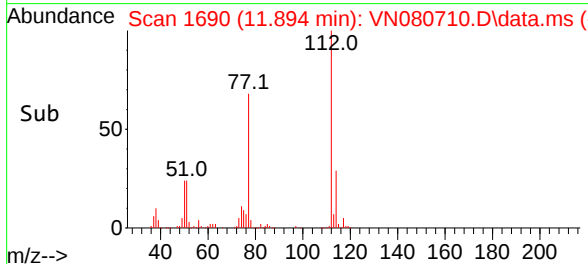
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



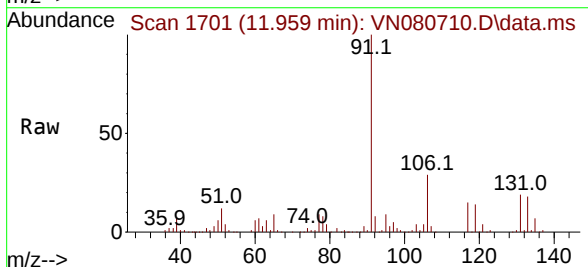
Tgt Ion:112 Resp: 31440
Ion Ratio Lower Upper
112 100
114 29.4 25.0 37.4

Manual Integrations
APPROVED

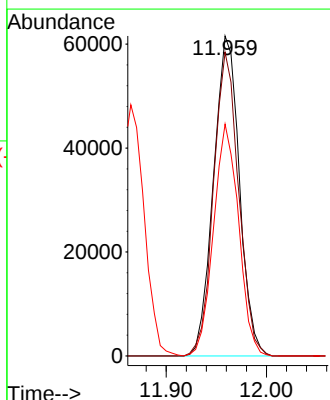
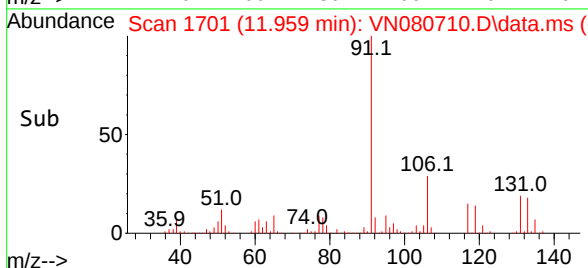
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

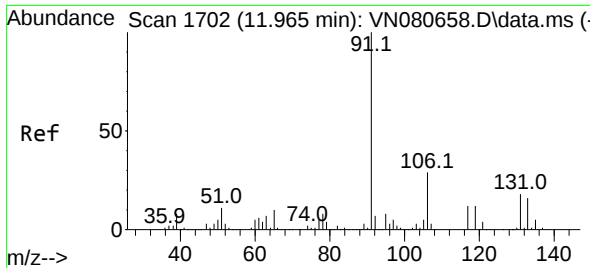


#66
1,1,1,2-Tetrachloroethane
Concen: 53.153 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04



Tgt Ion:131 Resp: 110238
Ion Ratio Lower Upper
131 100
133 92.2 46.4 139.1
119 70.3 34.1 102.2





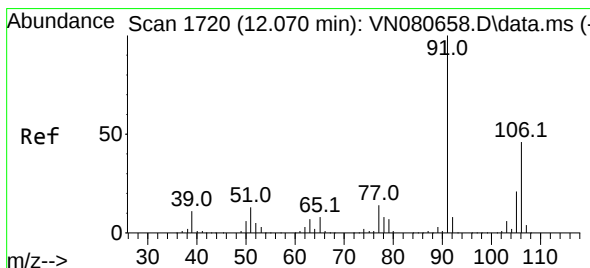
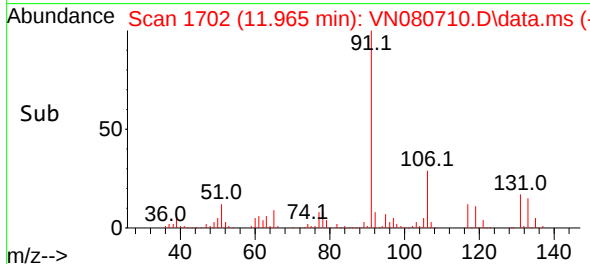
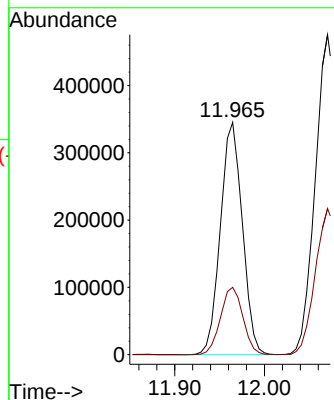
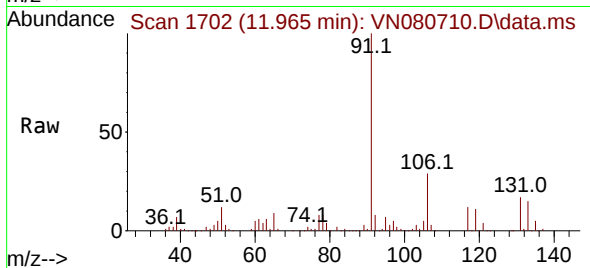
#67
Ethyl Benzene
Concen: 52.604 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 586749
Ion Ratio Lower Upper
91 100
106 29.0 25.6 38.4

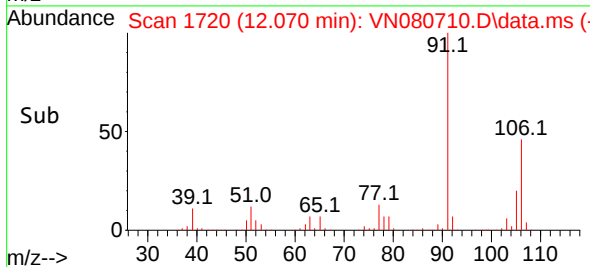
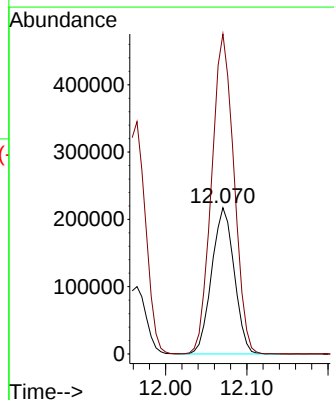
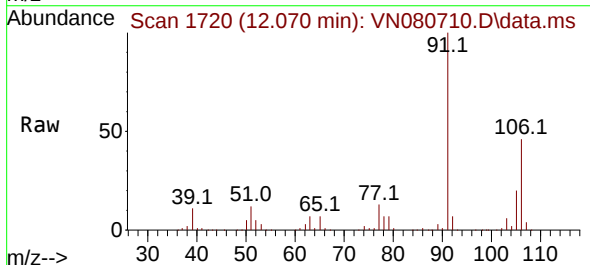
Manual Integrations
APPROVED

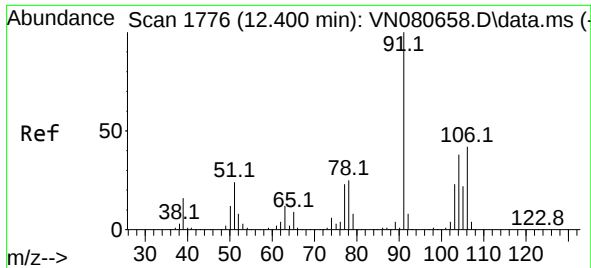
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#68
m/p-Xylenes
Concen: 106.851 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

Tgt Ion:106 Resp: 419011
Ion Ratio Lower Upper
106 100
91 217.2 159.6 239.4





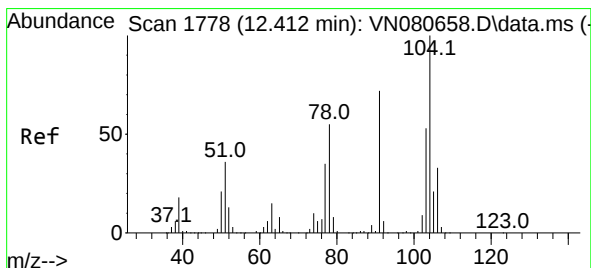
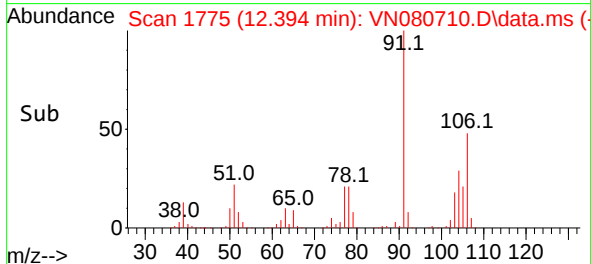
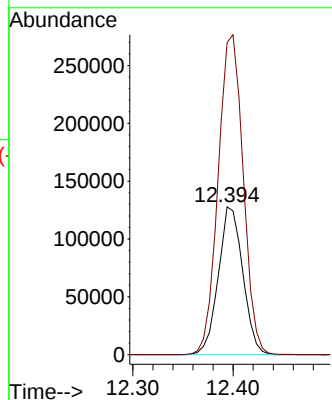
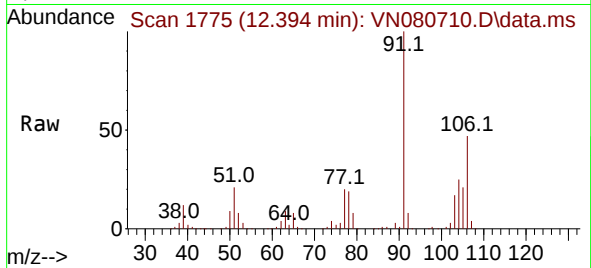
#69
o-Xylene
Concen: 56.484 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 216570
Ion Ratio Lower Upper
106 100
91 221.7 105.2 315.5

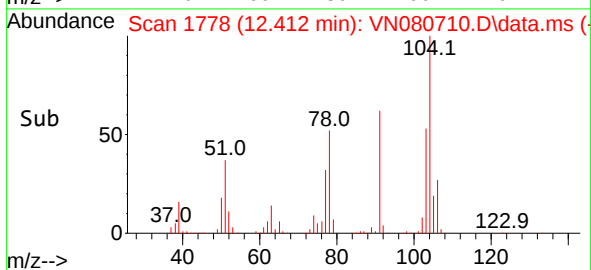
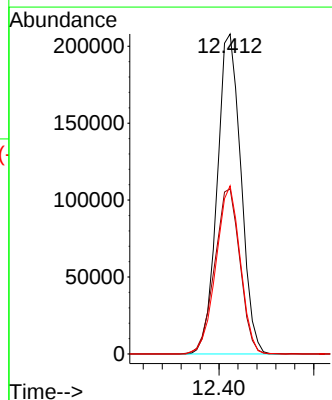
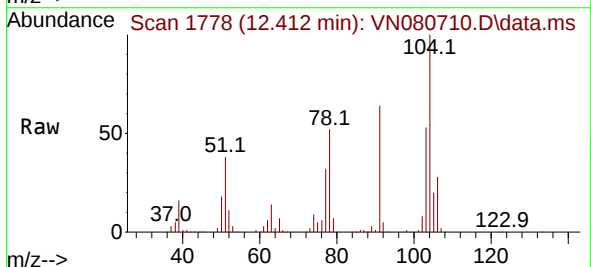
Manual Integrations
APPROVED

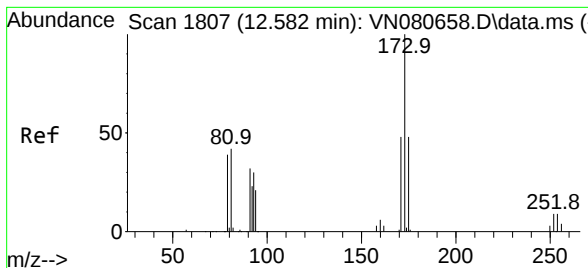
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#70
Styrene
Concen: 55.659 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

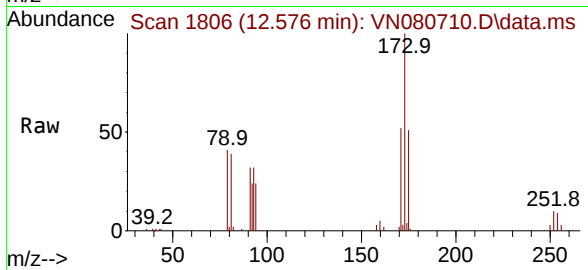
Tgt Ion:104 Resp: 362393
Ion Ratio Lower Upper
104 100
78 54.7 39.5 59.3
103 53.6 43.2 64.8





#71
Bromoform
Concen: 51.256 ug/l
RT: 12.576 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

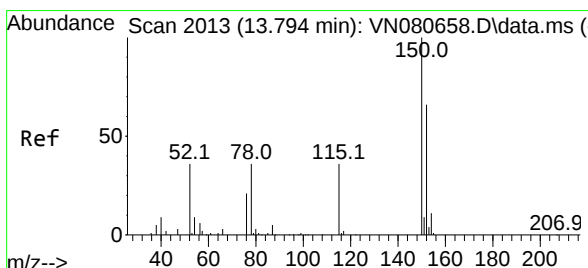
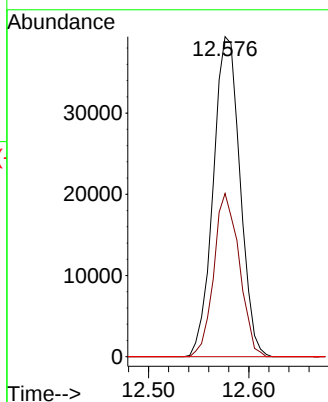
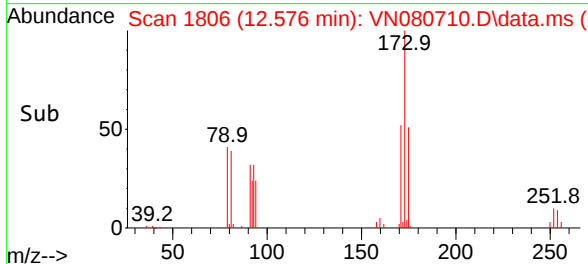
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



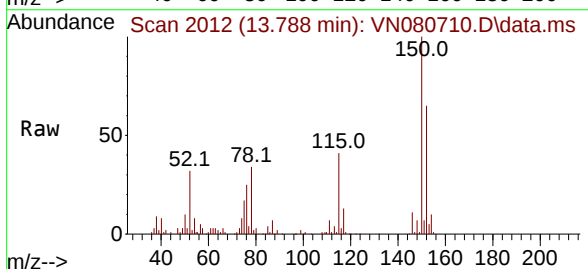
Tgt Ion:173 Resp: 7313
Ion Ratio Lower Upper
173 100
175 48.5 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

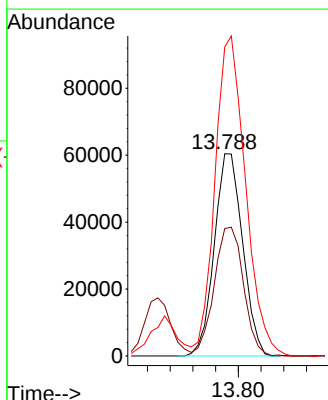
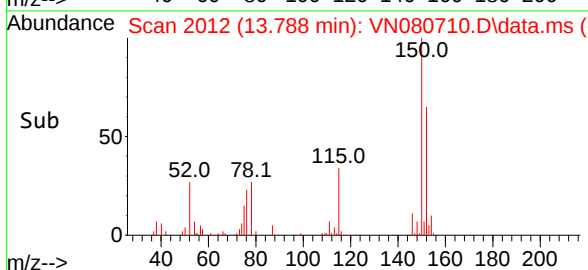
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

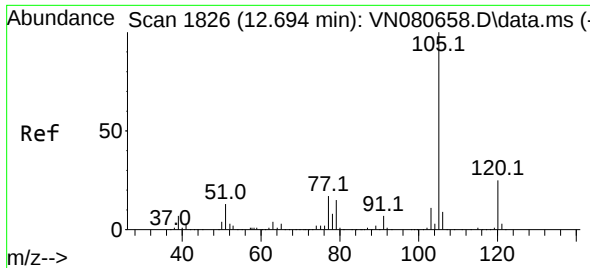


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04



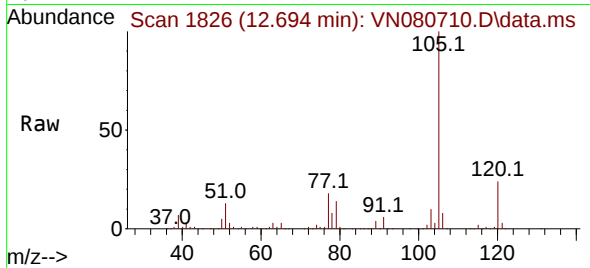
Tgt Ion:152 Resp: 104478
Ion Ratio Lower Upper
152 100
115 65.9 32.3 96.8
150 170.6 0.0 355.8





#73
Isopropylbenzene
Concen: 51.054 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

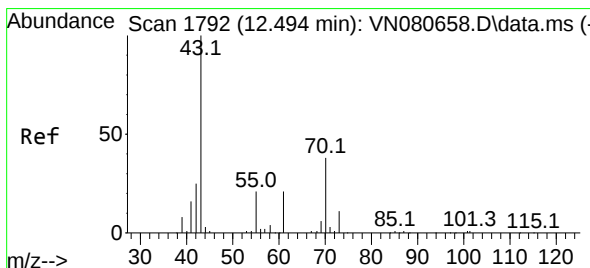
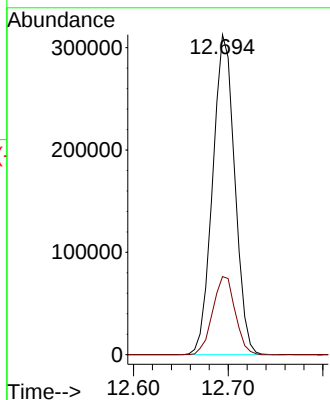
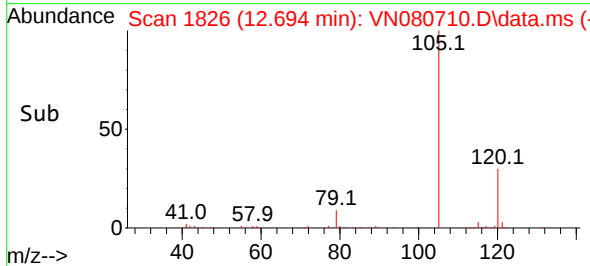
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



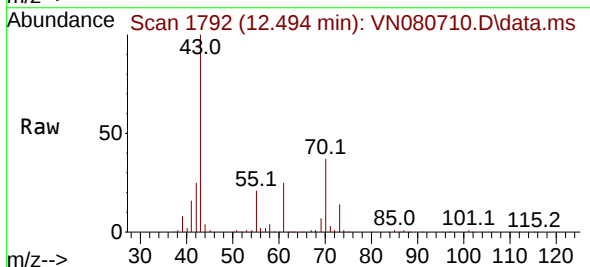
Tgt Ion:105 Resp: 507230
Ion Ratio Lower Upper
105 100
120 24.9 13.1 39.1

Manual Integrations
APPROVED

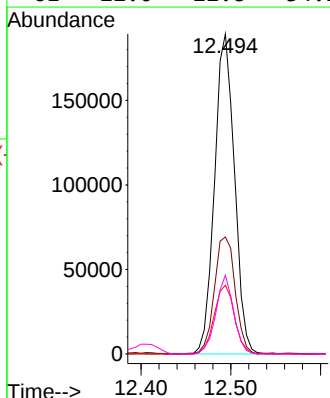
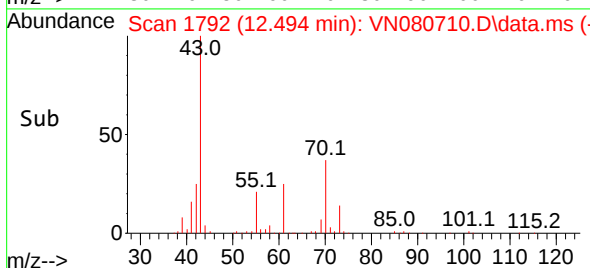
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

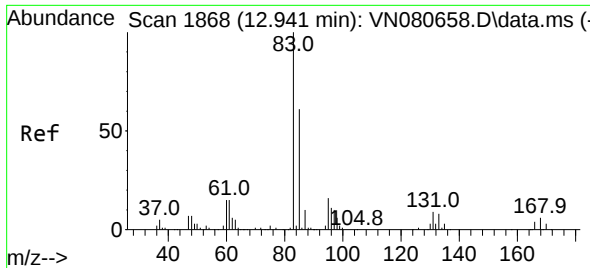


#74
N-ethyl acetate
Concen: 48.954 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04



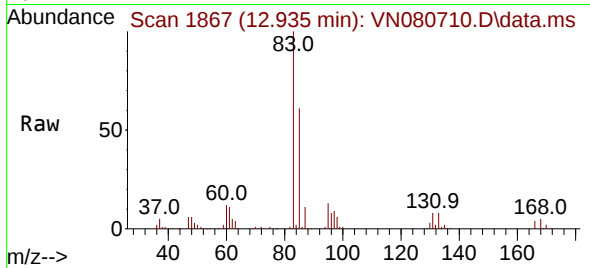
Tgt Ion: 43 Resp: 291877
Ion Ratio Lower Upper
43 100
70 38.3 43.4 65.2#
55 21.8 21.4 32.0
61 22.0 22.8 34.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 49.777 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

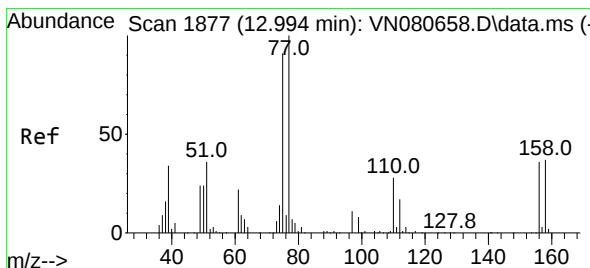
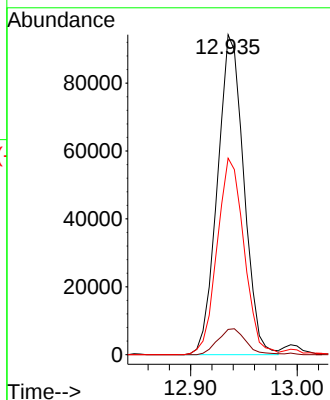
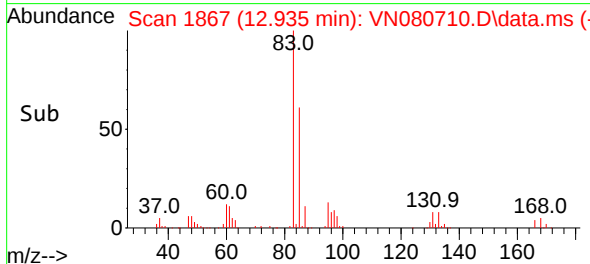
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 162225
Ion Ratio Lower Upper
83 100
131 8.6 5.0 15.0
85 62.8 31.9 95.7

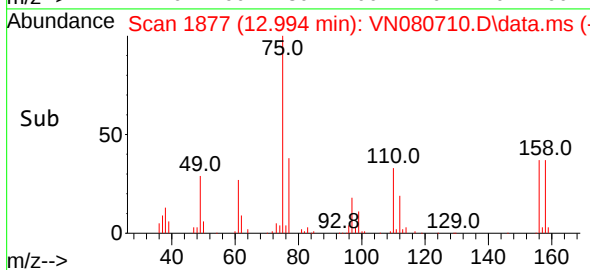
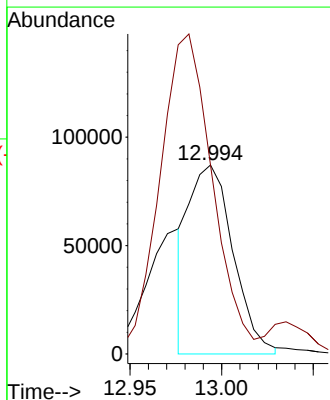
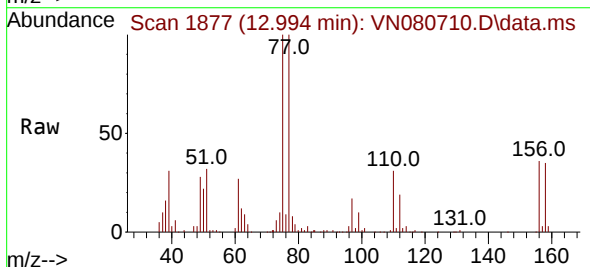
Manual Integrations
APPROVED

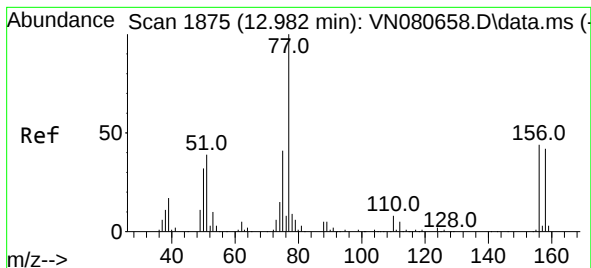
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#76
1,2,3-Trichloropropane
Concen: 45.202 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

Tgt Ion: 75 Resp: 145626
Ion Ratio Lower Upper
75 100
77 202.9 84.5 253.5





#77

Bromobenzene

Concen: 52.172 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN080710.D

Acq: 15 Jan 2024 12:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

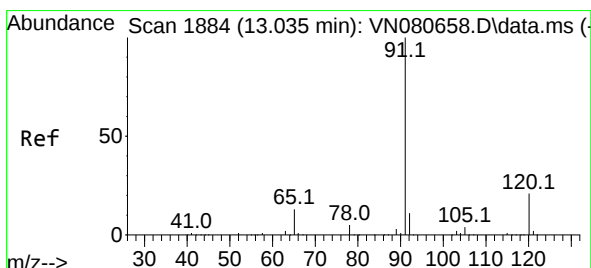
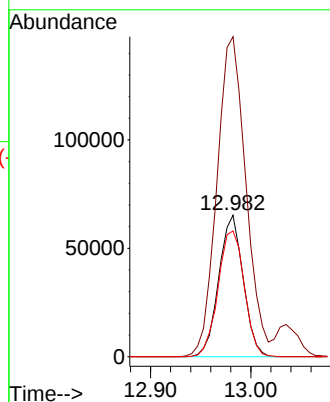
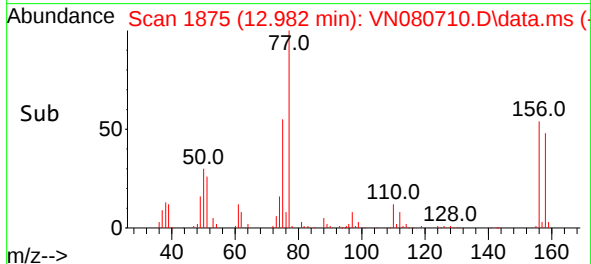
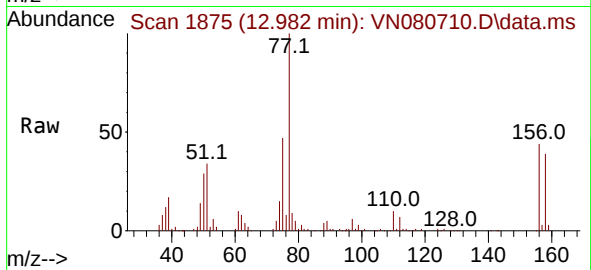
Tgt Ion:156 Resp: 110091
 Ion Ratio Lower Upper
 156 100
 77 268.3 107.7 323.3
 158 95.0 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#78

n-propylbenzene

Concen: 50.756 ug/l

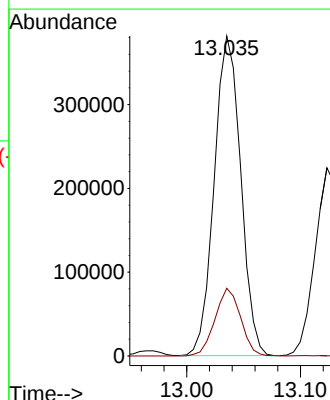
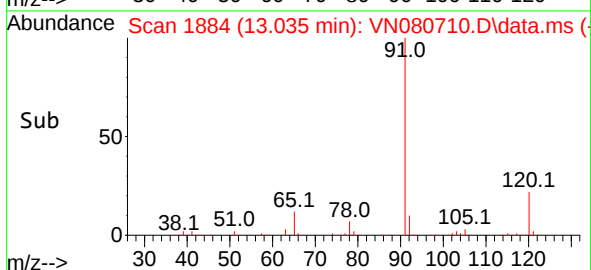
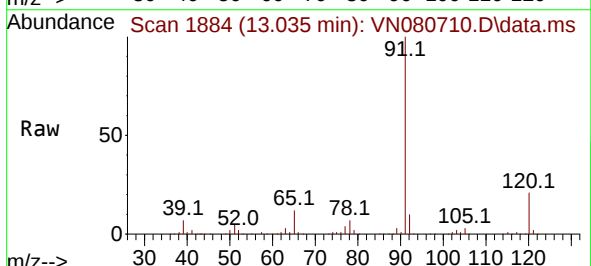
RT: 13.035 min Scan# 1884

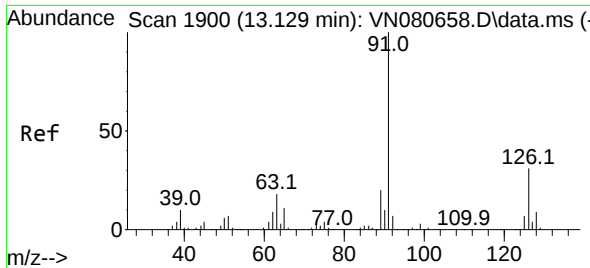
Delta R.T. 0.000 min

Lab File: VN080710.D

Acq: 15 Jan 2024 12:04

Tgt Ion: 91 Resp: 618595
 Ion Ratio Lower Upper
 91 100
 120 20.5 11.5 34.4





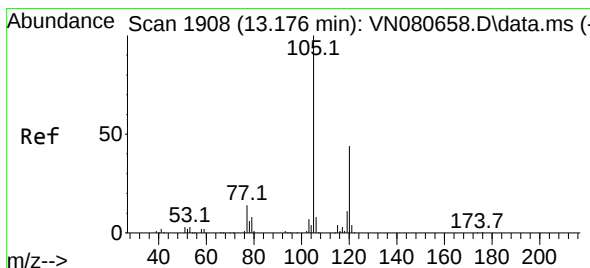
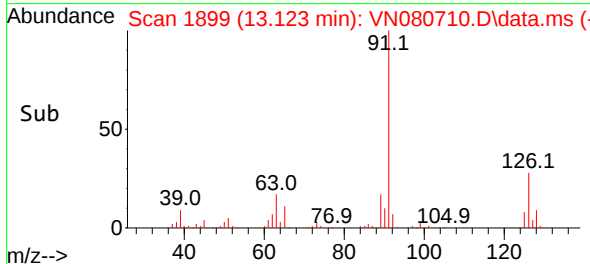
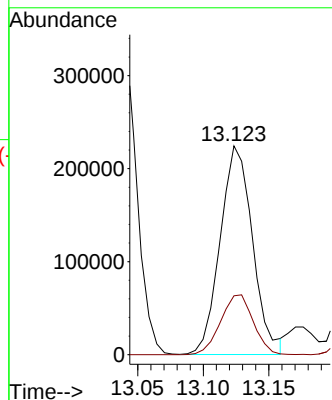
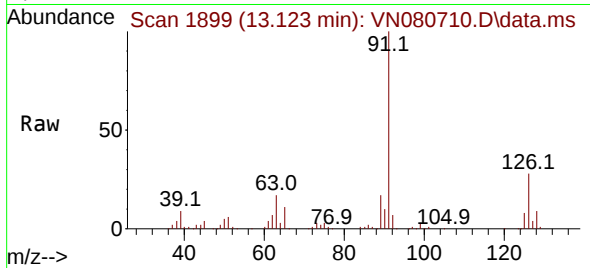
#79
2-Chlorotoluene
Concen: 49.403 ug/l
RT: 13.123 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 38586
Ion Ratio Lower Upper
91 100
126 29.0 16.3 48.8

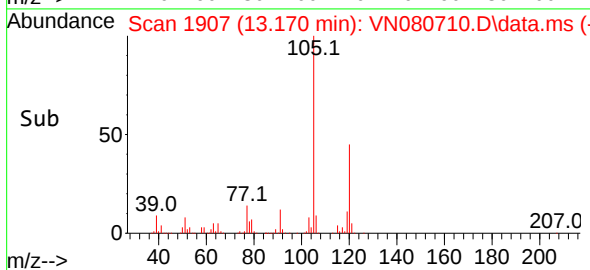
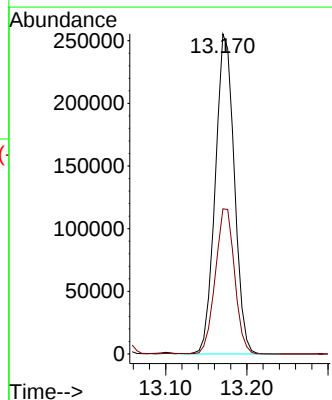
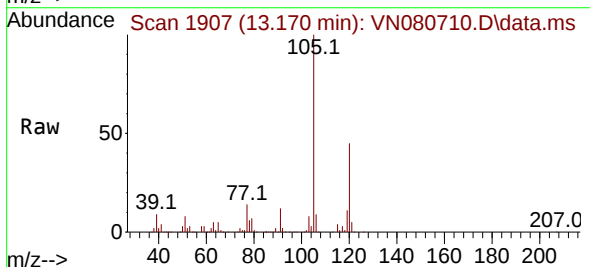
Manual Integrations
APPROVED

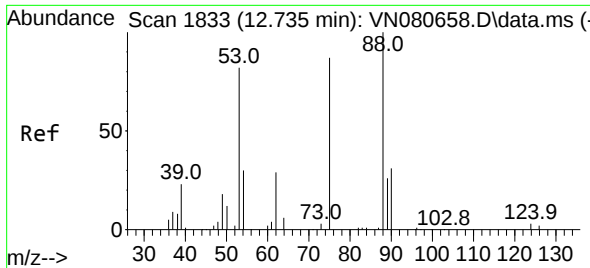
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#80
1,3,5-Trimethylbenzene
Concen: 50.217 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

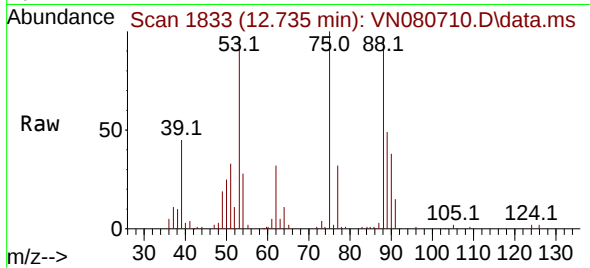
Tgt Ion:105 Resp: 415785
Ion Ratio Lower Upper
105 100
120 46.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 49.342 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

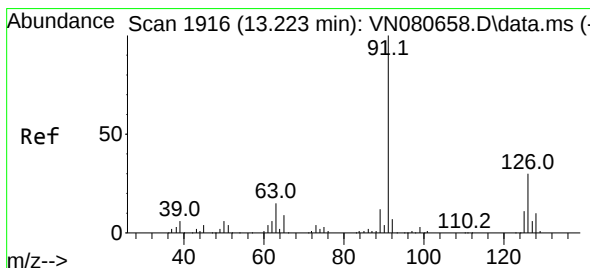
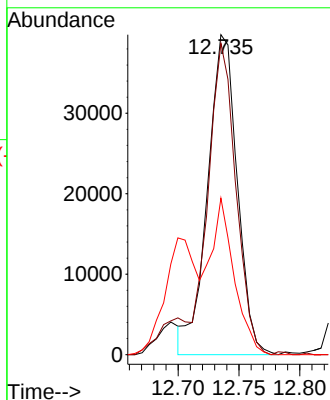
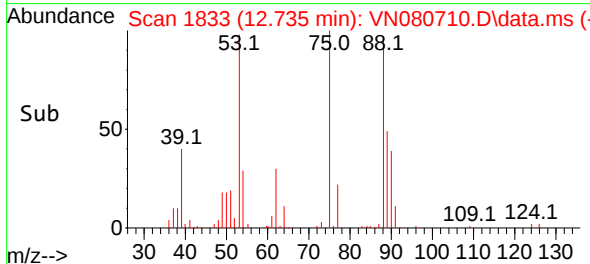
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



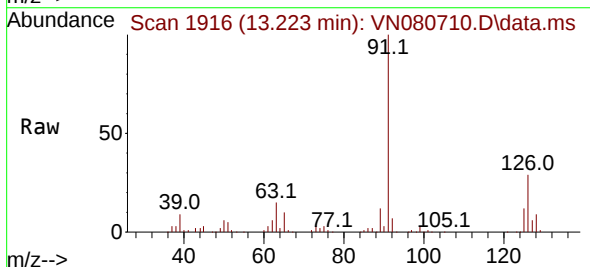
Tgt Ion: 75 Resp: 6743
Ion Ratio Lower Upper
75 100
53 102.3 67.4 101.2
89 40.1 38.8 58.2

Manual Integrations
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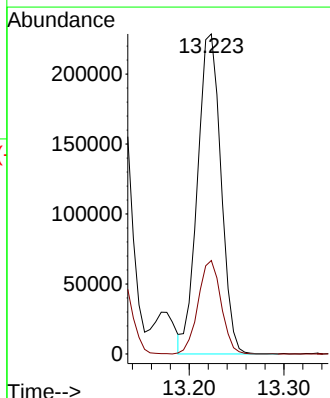
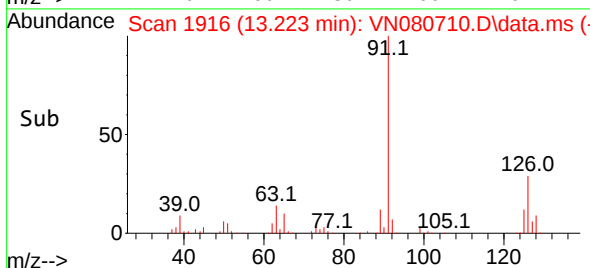
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

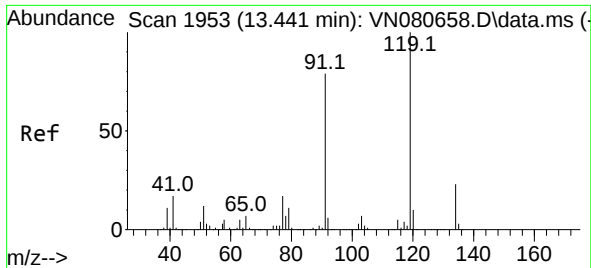


#82
4-Chlorotoluene
Concen: 51.433 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04



Tgt Ion: 91 Resp: 393823
Ion Ratio Lower Upper
91 100
126 28.5 16.7 50.0





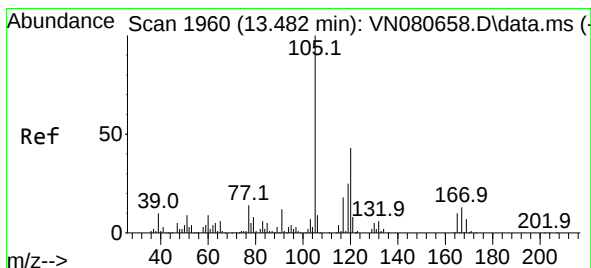
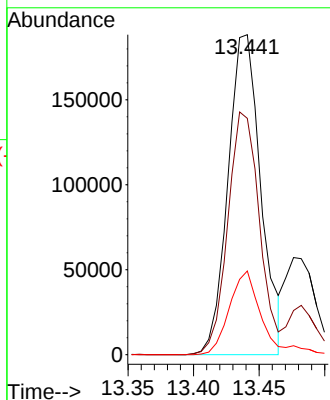
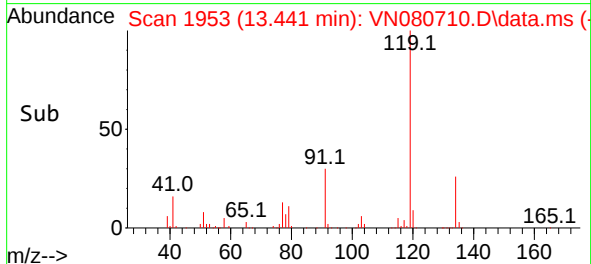
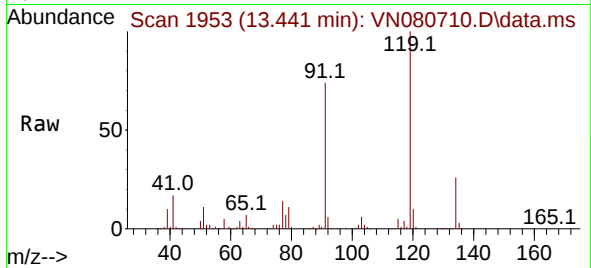
#83
tert-Butylbenzene
Concen: 49.692 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 32892
Ion Ratio Lower Upper
119 100
91 72.9 33.9 101.7
134 25.8 13.2 39.6

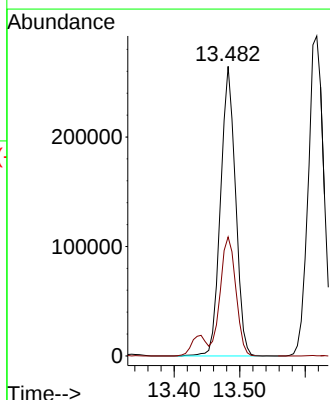
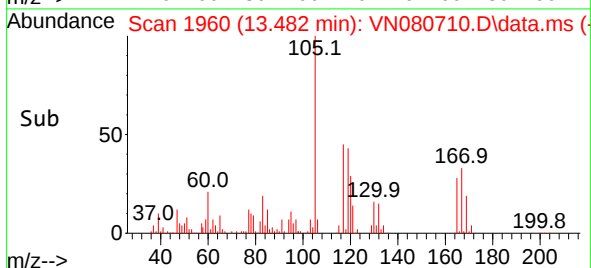
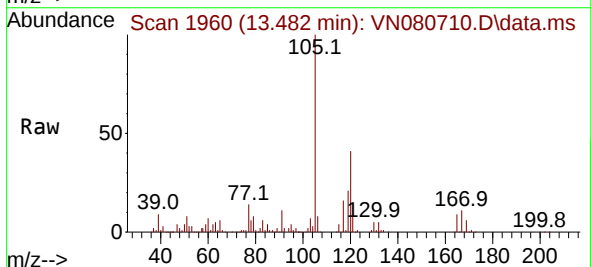
Manual Integrations
APPROVED

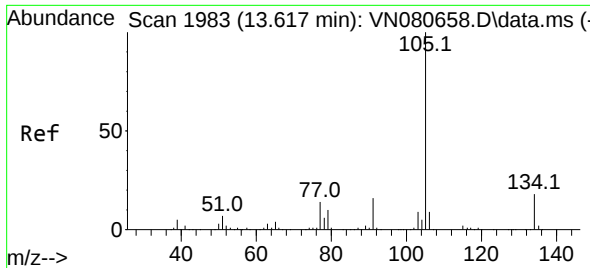
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#84
1,2,4-Trimethylbenzene
Concen: 51.279 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

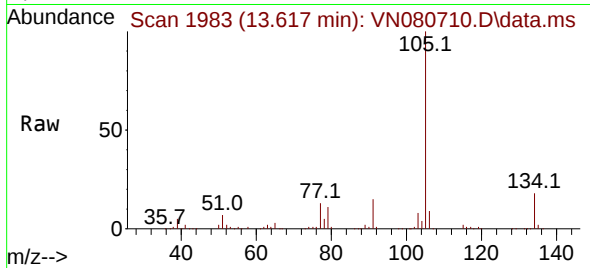
Tgt Ion:105 Resp: 417495
Ion Ratio Lower Upper
105 100
120 42.9 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 51.286 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080710.D
 Acq: 15 Jan 2024 12:04

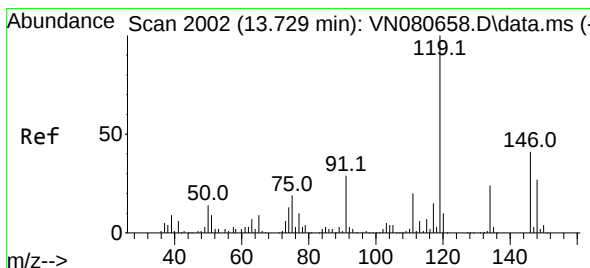
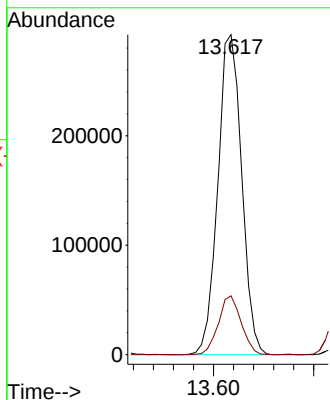
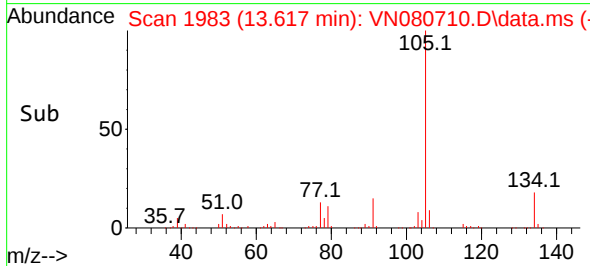
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



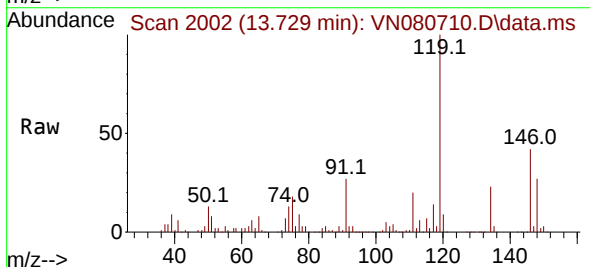
Tgt Ion:105 Resp: 48234
 Ion Ratio Lower Upper
 105 100
 134 17.6 9.8 29.3

Manual Integrations
 APPROVED

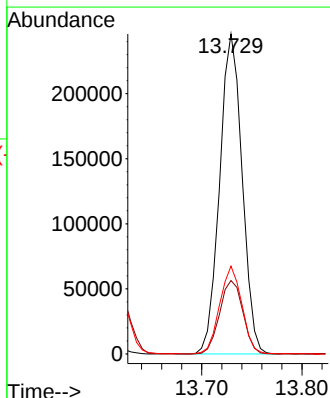
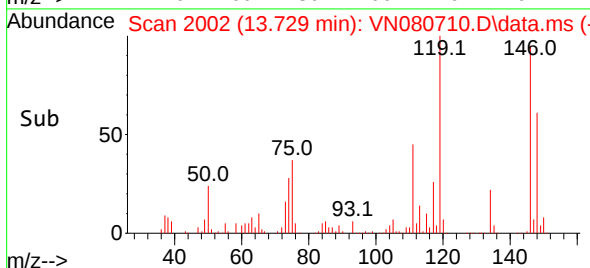
Reviewed By :John Carlone 01/16/2024
 Supervised By :Mahesh Dadoda 01/16/2024

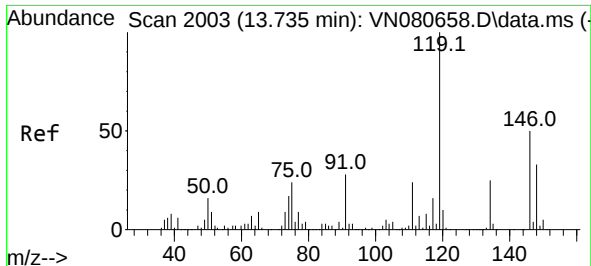


#86
 p-Isopropyltoluene
 Concen: 51.498 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080710.D
 Acq: 15 Jan 2024 12:04



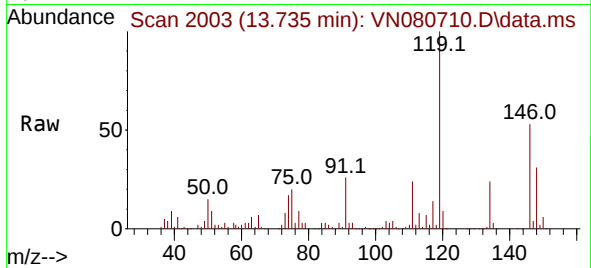
Tgt Ion:119 Resp: 382519
 Ion Ratio Lower Upper
 119 100
 134 23.7 12.6 37.8
 91 27.0 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 51.305 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

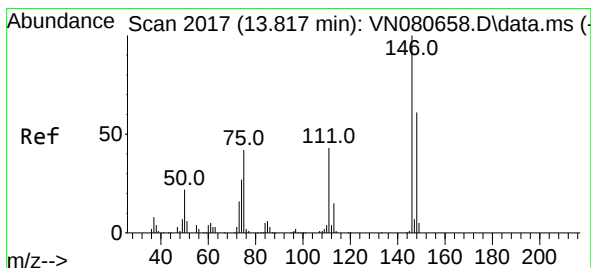
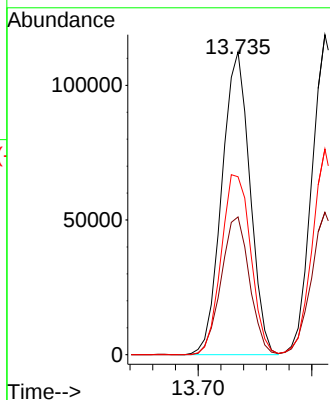
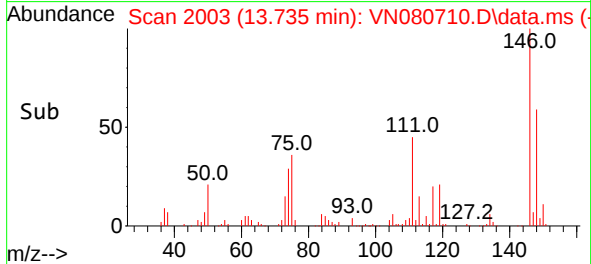
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 193372
Ion Ratio Lower Upper
146 100
111 45.8 22.1 66.3
148 62.4 32.0 96.0

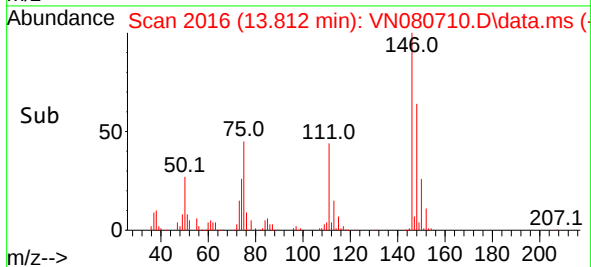
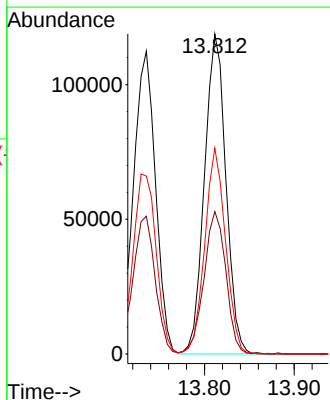
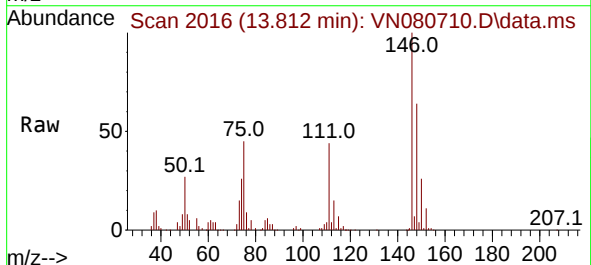
Manual Integrations
APPROVED

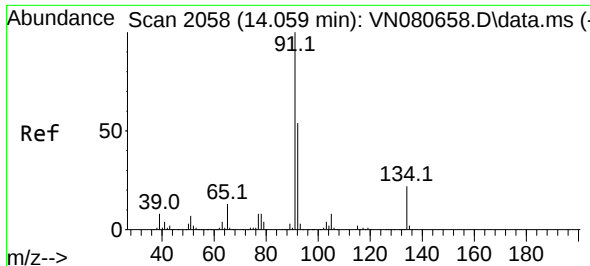
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#88
1,4-Dichlorobenzene
Concen: 51.301 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

Tgt Ion:146 Resp: 196984
Ion Ratio Lower Upper
146 100
111 45.5 20.6 61.8
148 62.5 31.6 94.8





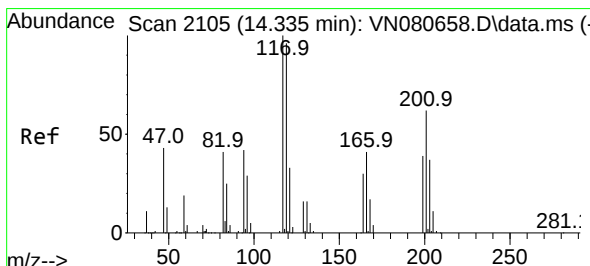
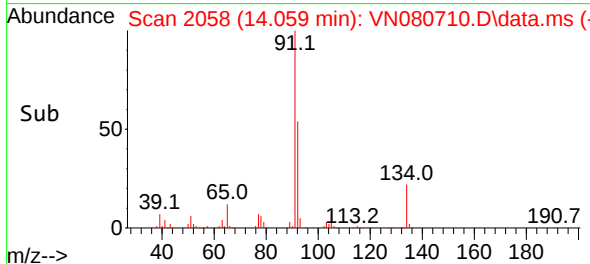
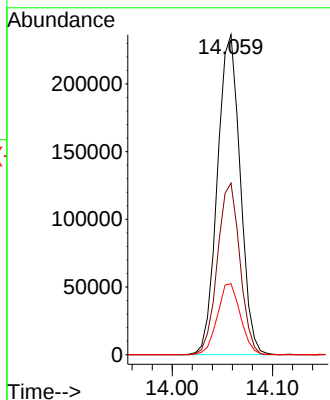
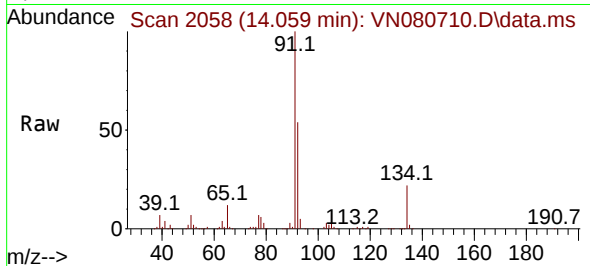
#89
n-Butylbenzene
Concen: 52.135 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 37326
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.0
134 22.5 12.6 37.6

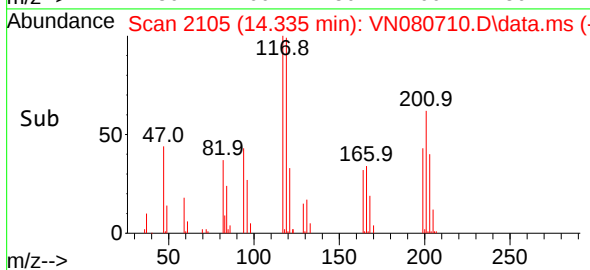
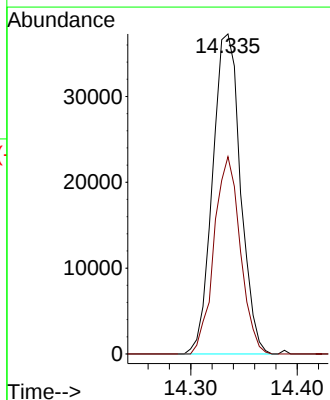
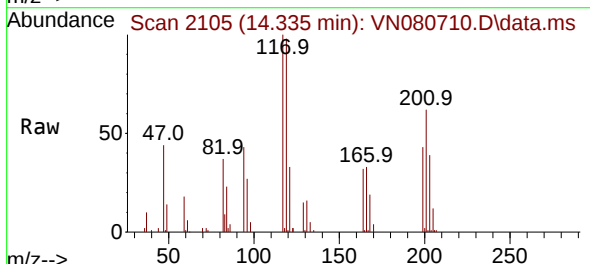
Manual Integrations
APPROVED

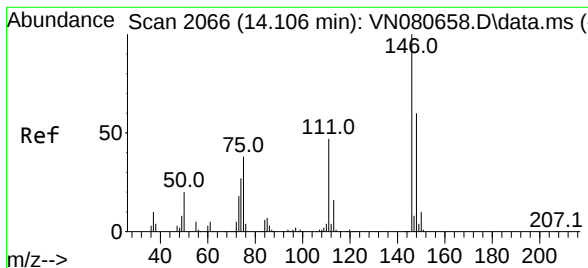
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#90
Hexachloroethane
Concen: 49.248 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

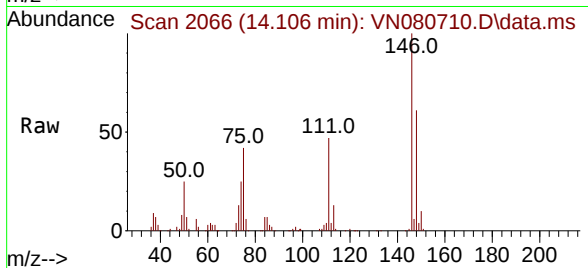
Tgt Ion:117 Resp: 67839
Ion Ratio Lower Upper
117 100
201 57.8 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 53.143 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

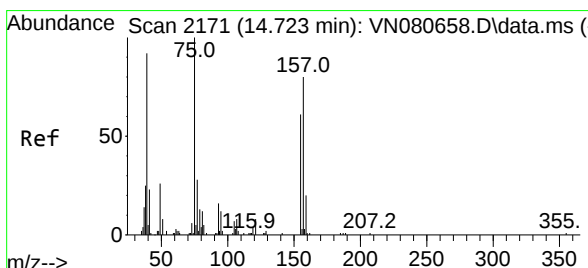
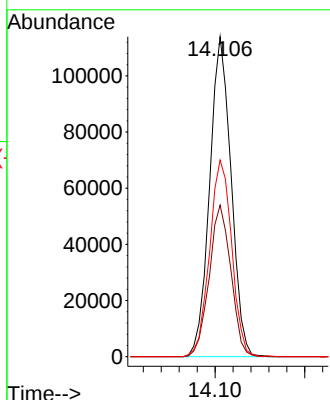
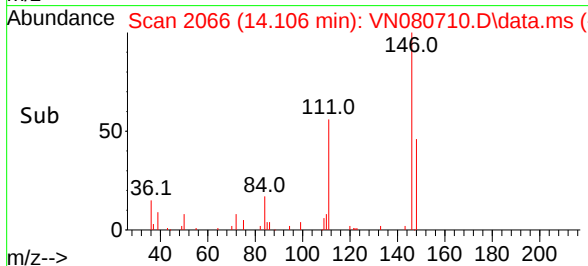
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 188749
Ion Ratio Lower Upper
146 100
111 47.9 22.0 66.0
148 63.4 31.8 95.3

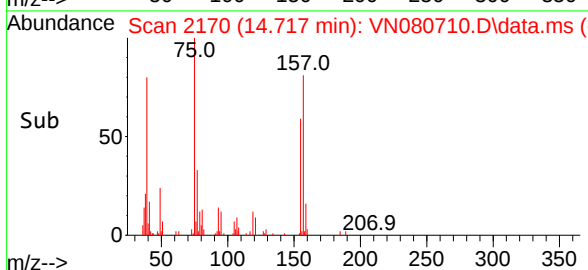
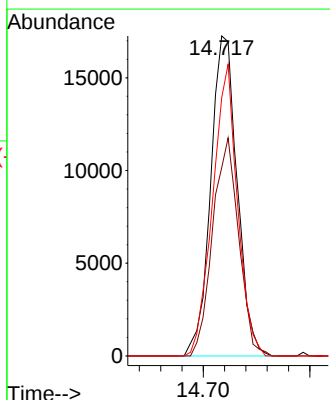
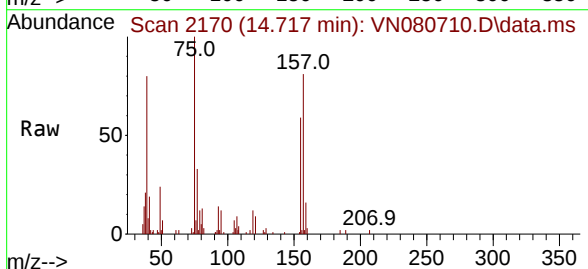
Manual Integrations
APPROVED

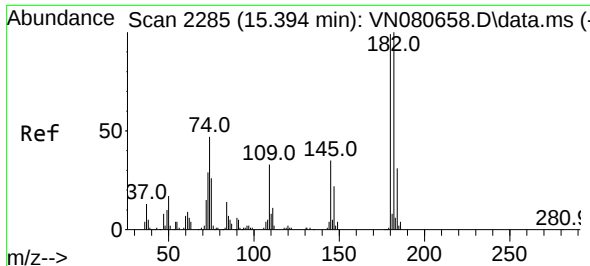
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 39.809 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

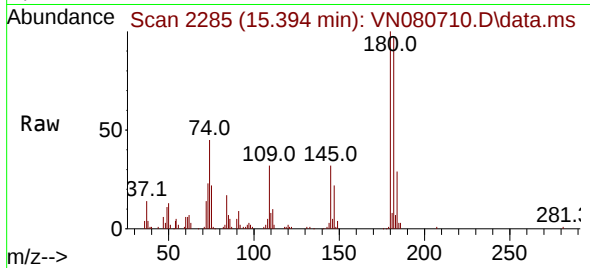
Tgt Ion: 75 Resp: 29751
Ion Ratio Lower Upper
75 100
155 67.0 39.1 117.2
157 85.5 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 51.955 ug/l
RT: 15.394 min Scan# 2100
Delta R.T. -0.000 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

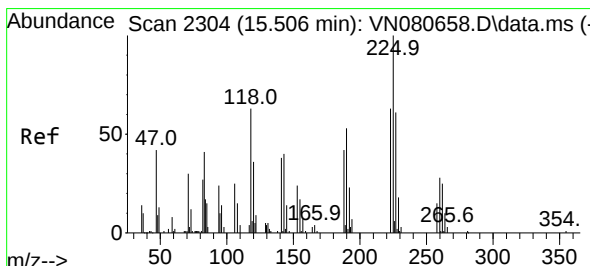
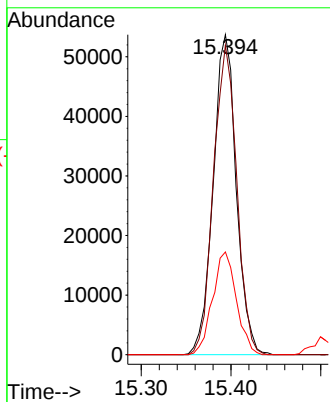
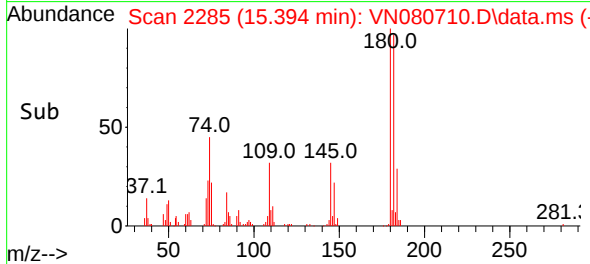
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 9610
Ion Ratio Lower Upper
180 100
182 97.2 46.1 138.2
145 33.1 16.6 49.8

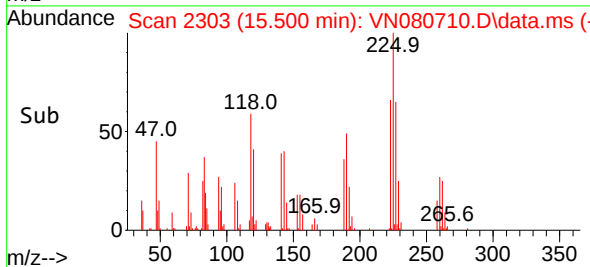
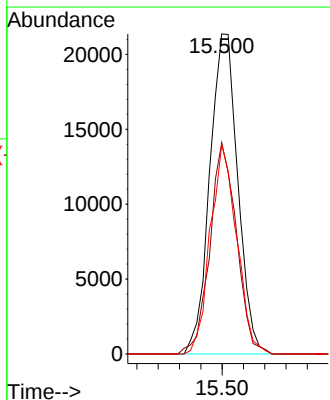
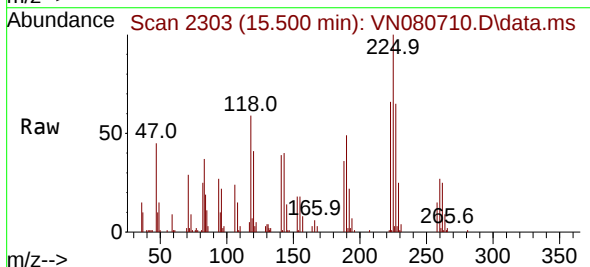
Manual Integrations
APPROVED

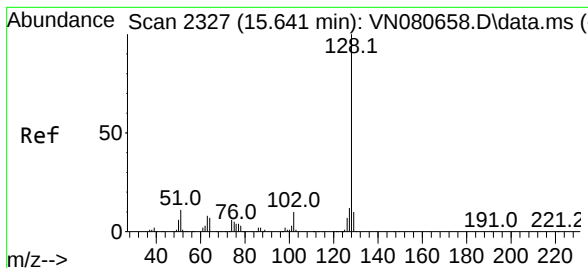
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#94
Hexachlorobutadiene
Concen: 43.916 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

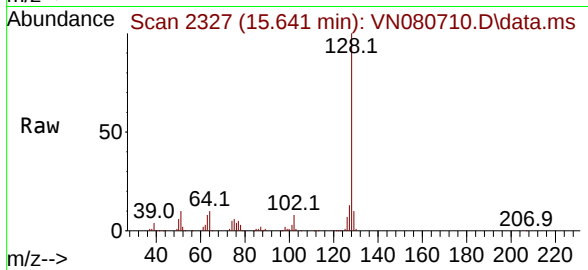
Tgt Ion:225 Resp: 38984
Ion Ratio Lower Upper
225 100
223 62.6 31.3 93.8
227 61.8 31.9 95.9





#95
Naphthalene
Concen: 46.447 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04

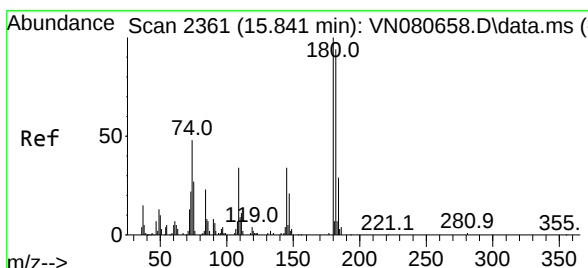
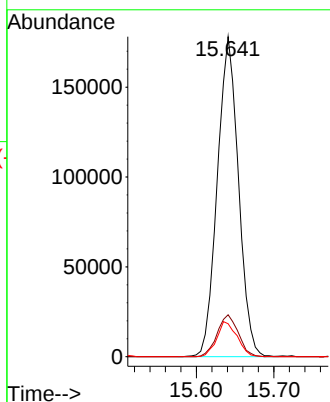
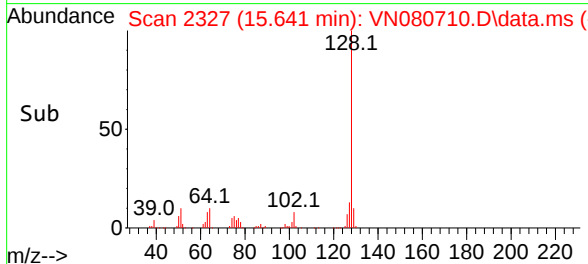
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



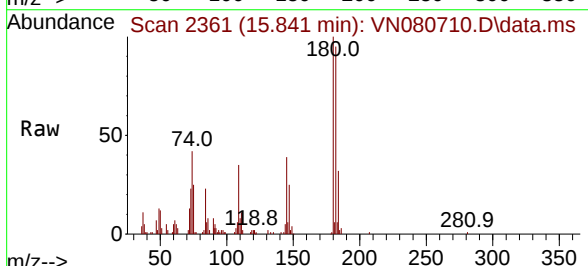
Tgt Ion:128 Resp: 33811
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 10.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#96
1,2,3-Trichlorobenzene
Concen: 49.949 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080710.D
Acq: 15 Jan 2024 12:04



Tgt Ion:180 Resp: 89431
Ion Ratio Lower Upper
180 100
182 95.4 46.2 138.6
145 36.7 17.5 52.6

